



Catalogo
Componenti gestione motore
Engine management components
Capteurs de gestion moteur
Motorsteuerungskomponenten

**NOVEMBER
2012**



NOVEMBER 2012



SOTTOGRUPPI - SUBGROUPS *Legenda* *page*
6

Elenco TIPI - Product TYPE List 7

Guida Applicazioni *Componenti gestione motore*
Application List *Engine management components*
Liste d'Applications *Capteurs de gestion moteur*
Anwendungsliste *Motorsteuerungskomponenten*

9

Schede Tecniche *Componenti gestione motore*
Technical Reports *Engine management components*
Fiches Techniques *Capteurs de gestion moteur*
Technische Datenblätter *Motorsteuerungskomponenten*

307

Tavole Comparative
Cross Reference List
Tables Comparatives
Vergleichstabellen



455





I riferimenti originali e le immagini in questo catalogo sono da considerarsi a puro titolo indicativo.

ERA SpA ha prestato particolare attenzione nella stesura della presente edizione che annulla e sostituisce la precedente.

ERA SpA declina ogni responsabilità per eventuali errori od omissioni relativi a dati ed immagini ivi contenuti.

Inoltre si riserva il diritto di apportare modifiche al catalogo senza obbligo di preavviso.

Per visualizzare gli aggiornamenti si invita la Clientela a consultare il catalogo sul sito www.eranet.it

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

Era SpA has made every effort to ensure that all information within this catalogue is accurate and this edition replaces the previous one.

Era SpA cannot accept any legal liability for any inaccuracies. Furthermore, Era SpA reserves the right to amend the catalogue without notice.

If You want to have a look at the new data we kindly ask you to consult our on-line catalogue as our web-site www.eranet.it

Les références d'origine et les images de ce catalogue doivent être considérées à titre indicatif.

La société ERA SpA a prêté une attention particulière pour la version de cette édition qui annule et remplace la précédente.

ERA SpA décline toute responsabilité pour erreurs éventuelles ou omissions relatives aux informations et images contenues dans ce catalogue. En outre, ERA SpA se réserve le droit d'apporter de modifications au catalogue sans l'obligation de préavis.

Pour visualiser la mise à jour, nous vous prions de consulter le catalogue sur le site www.eranet.it

Alle Originalnummer und Abbildungen in diesem Katalog sind ausschließlich zu Vergleichszwecken bestimmt.

Dieser Katalog wurde von uns nach bestem Wissen erstellt, wobei wir keine Ersatzansprüche aufgrund der fehlerhaften oder ausgelassenen Angaben und Abbildungen anerkennen können.

Diese Ausgabe des Katalogs annulliert und ersetzt alle früheren Ausgaben. Änderungen in Bezug auf die Angaben des Katalogs ohne vorherige Benachrichtigung vorbehalten.

Die neuesten Informationen über unser Sortiment finden Sie in der Online-Version dieses Katalogs unter: www.eranet.it

ERA S.p.A.
Via F. Santi, 15 - Reg. Sanda - Vadò
10024 MONCALIERI (TO) - ITALY
Tel: +39 011 6891511 - Fax: +39 011 6472862
www.eranet.it - www.eraspares.com - era@eranet.it



LEGENDA SOTTOGRUPPI SUBGROUPS LEGENDA

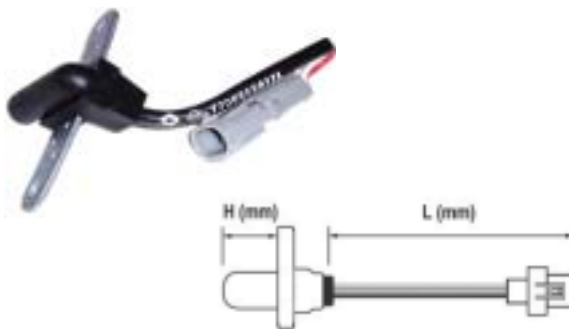
550036 - CKP



Notes: 2 pin, Height 40 (mm)

Used on: FORD Escort, Fiesta, Orion, Sierra

550022 - CKP



Notes: 2 pin, Cable Length 180(mm), Height 24(mm)

Used on: MITSUBISHI Carisma

550358 - CMP



Notes: 3 pin, Cable Length 140 (mm), Height 20,5 (mm)

Used on: KIA Sportage

550085 - MAP



WORKING
PRESSURE

Notes: 4 pin

Used on: AUDI-SEAT-SKODA-VW

550145 - TPS



Notes: 3 pin, Anti-clockwise rotation

Used on: OPEL

550099 - RPM



Notes: 2 pin, Height 30 (mm), Resistance 850 (Ohm)

Used on: AUDI-FIAT-FORD-LANCIA-SEAT
SKODA-VW



**Componenti Gestione Motore *
Engine Management Components**

DESCRIPTION	TYPE	ERA
CRANKSHAFT POSITION SENSOR	CKP	550000 - 550003 - 550004 - 550005 - 550006 - 550007 - 550008 - 550009 - 550011 - 550012 - 550013 - 550014 - 550015 - 550016 - 550018 - 550021 - 550022 - 550023 - 550024 - 550029 - 550035 - 550036 - 550037 - 550039 - 550043 - 550049 - 550050 - 550051 - 550052 - 550055 - 550056 - 550058 - 550061 - 550062 - 550063 - 550064 - 550065 - 550066 - 550067 - 550068 - 550069 - 550070 - 550071 - 550072 - 550073 - 550074 - 550075 - 550076 - 550077 - 550078 - 550081 - 550083 - 550087 - 550089 - 550090 - 550091 - 550092 - 550093 - 550095 - 550096 - 550101 - 550102 - 550103 - 550104 - 550105 - 550108 - 550109 - 550110 - 550112 - 550114 - 550115 - 550119 - 550121 - 550122 - 550123 - 550124 - 550126 - 550127 - 550129 - 550139 - 550155 - 550156 - 550166 - 550167 - 550168 - 550170 - 550171 - 550175 - 550176 - 550177 - 550178 - 550179 - 550180 - 550181 - 550182 - 550184 - 550185 - 550186 - 550187 - 550190 - 550192 - 550195 - 550196 - 550197 - 550200 - 550208 - 550210 - 550214 - 550218 - 550221 - 550225 - 550226 - 550227 - 550228 - 550229 - 550231 - 550232 - 550233 - 550234 - 550240 - 550241 - 550242 - 550255 - 550256 - 550258 - 550260 - 550264 - 550268 - 550272 - 550273 - 550275 - 550279 - 550280 - 550282 - 550283 - 550300 - 550306 - 550308 - 550309 - 550313 - 550314 - 550315 - 550316 - 550321 - 550322 - 550327 - 550342 - 550343 - 550344 - 550345 - 550346 - 550350 - 550351 - 550352 - 550353 - 550354 - 550355 - 550356 - 550357 - 550361 - 550368 - 550370 - 550371 - 550372 - 550375 - 550376 - 550388 - 550401 - 550402 - 550408 - 550416 - 550417 - 550418 - 550419 - 550426 - 550427 - 550429 - 550433 - 550434 - 550438 - 550441 - 550442 - 550444 - 550445 - 550447 - 550448 - 550449 - 550451 - 550452 - 550453 - 550455 - 550457 - 550458 - 550460 - 550467 - 550470 - 550471 - 550472 - 550473 - 550481 - 550482 - 550486 - 550501 - 550503 - 550504 - 550505 - 550517 - 550518 - 550522 - 550523 - 550524 - 550527 - 550528 - 550529 - 550533 - 550534 - 550536 - 550537 - 550539 - 550540 - 550541 - 550568 - 550575 - 550577 - 550580 - 550581 - 550584 - 550585 - 550592 - 550603 - 550614
AUTOMATIC TRANSMISSION RPM SENSOR	CKP	550099 - 550100 - 550138 - 550183 - 550223 - 550259 - 550373 - 550374
ENGINE MANAGEMENT RPM SENSOR	CKP	550277 - 550483 - 550484 - 550554 - 550558 - 550559 - 550571
CAMSHAFT POSITION SENSOR	CMP	550001 - 550002 - 550010 - 550017 - 550019 - 550020 - 550026 - 550027 - 550028 - 550032 - 550033 - 550038 - 550040 - 550041 - 550042 - 550046 - 550053 - 550057 - 550059 - 550060 - 550084 - 550088 - 550094 - 550111 - 550113 - 550116 - 550117 - 550118 - 550120 - 550128 - 550134 - 550135 - 550151 - 550153 - 550169 - 550172 - 550188 - 550189 - 550191 - 550201 - 550220 - 550222 - 550235 - 550243 - 550245 - 550247 - 550252 - 550254 - 550281 - 550288 - 550290 - 550291 - 550292 - 550293 - 550307 - 550328 - 550329 - 550347 - 550349 - 550358 - 550369 - 550403 - 550404 - 550405 - 550411 - 550428 - 550430 - 550432 - 550440 - 550446 - 550450 - 550456 - 550461 - 550465 - 550466 - 550474 - 550476 - 550478 - 550479 - 550480 - 550488 - 550498 - 550506 - 550507 - 550508 - 550509 - 550510 - 550519 - 550520 - 550521 - 550525 - 550526 - 550530 - 550531 - 550532 - 550535 - 550542 - 550546 - 550555 - 550556 - 550572 - 550573 - 550574 - 550576 - 550578 - 550579 - 550582 - 550583 - 550604 - 550610 - 550613
KNOCK SENSOR	KNS	550044 - 550045 - 550054 - 550106 - 550107 - 550154 - 550174 - 550198 - 550199 - 550207 - 550209 - 550212 - 550213 - 550215 - 550216 - 550217 - 550230 - 550236 - 550246 - 550274 - 550284 - 550285 - 550286 - 550287 - 550294 - 550295 - 550296 - 550297 - 550298 - 550305 - 550331 - 550332 - 550333 - 550334 - 550335 - 550336 - 550337 - 550339 - 550340 - 550341 - 550396 - 550397 - 550424 - 550425 - 550436 - 550468 - 550489 - 550494 - 550543 - 550544 - 550562 - 550566 - 550567 - 550588 - 550589 - 550590 - 550591 - 550595 - 550596 - 550597 - 550598 - 550601 - 550602 - 550611 - 550615
INTAKE MANIFOLD PRESSURE SENSOR	MAP	550080 - 550085 - 550086 - 550097 - 550098 - 550125 - 550130 - 550131 - 550132 - 550133 - 550136 - 550137 - 550140 - 550141 - 550142 - 550143 - 550147 - 550148 - 550152 - 550157 - 550158 - 550159 - 550160 - 550161 - 550162 - 550163 - 550164 - 550165 - 550173 - 550194 - 550237 - 550239 - 550244 - 550257 - 550261 - 550262 - 550263 - 550265 - 550266 - 550271 - 550276 - 550303 - 550304 - 550325 - 550330 - 550338 - 550360 - 550362 - 550363 - 550364 - 550365 - 550366 - 550367 - 550390 - 550391 - 550392 - 550394 - 550395 - 550412 - 550413 - 550420 - 550421 - 550422 - 550462 - 550491 - 550493 - 550557 - 550561 - 550569 - 550570 - 550600 - 550605 - 550606 - 550607
THROTTLE POSITION SENSOR	TPS	550082 - 550144 - 550145 - 550146 - 550149 - 550150 - 550193 - 550202 - 550203 - 550204 - 550205 - 550206 - 550224 - 550238 - 550248 - 550249 - 550250 - 550251 - 550267 - 550269 - 550270 - 550301 - 550359 - 550398 - 550399 - 550400 - 550414 - 550415 - 550439 - 550443 - 550485 - 550511 - 550512 - 550513 - 550515 - 550516 - 550552
PRESSURE SENSOR	Others	550079
INTAKE AIR TEMPERATURE SENSOR	Others	550383 - 550384 - 550385 - 550386 - 550387 - 550406 - 550407 - 550409 - 550495 - 550500 - 550553 - 550560 - 550563 - 550564 - 550587
SPEED SENSOR	Others	550047 - 550048 - 550289 - 550310 - 550311 - 550312 - 550317 - 550318 - 550319 - 550323 - 550324 - 550377 - 550378 - 550379 - 550431 - 550437 - 550459 - 550487 - 550496 - 550502 - 550545 - 550548 - 550549
ACCELERATION SENSOR	Others	550551
EXTERIOR TEMPERATURE SENSOR	Others	550586
SELECTOR LEVER	Others	550464





GUIDA APPLICAZIONI APPLICATION LIST



Vehicle	Date	Engine	Kw	CKP	CMP	KNS	MAP	TPS	OTHERS
ALFA ROMEO									
145	07/94 - 01/01								
1.4 i.e.	(930)	0794 - 12/96 AR 33501	66	550092					550150
1.4 i.e. 16V T.S.	(930)	1296 - 01/01 AR 33603, AR 36101	76	550062 550156	550113 550252	550230			550144
1.6 i.e.	(930)	1094 - 12/96 AR 33201	76	550375			550140		
1.6 i.e. 16V T.S.	(930)	1296 - 01/01 AR 36201, AR 67501	88	550062 550156	550113 550252	550230			550144
1.7 i.e. 16V	(930)	1094 - 12/96 AR 33401	95						550144
1.8 i.e. 16V	(930)	0399 - 01/01 AR 32201	106	550062	550252				
1.8 i.e. 16V T.S.	(930)	1296 - 12/96 AR 36401, AR 67306	103	550156	550113	550230			550144
1.9 JTD	(930)	0269 - 01/01 AR 32302	77	550093 550426	550057		550360		
1.9 TD	(930)	1094 - 02/99 AR 33601, AR 67501	88	550093	550057				
2.0 16V Quadrifoglio	(930)	0399 - 01/01 AR 32301	114	550062	550252				
2.0 16V T.S.	(930)	1095 - 01/01 AR 67304	113	550156	550113	550230			550144

LEGENDA

- ① Costruttore * Manufacturer * Constructeur * Hersteller
- ② Modello * Model * Modèle * Modellreihe
- ③ Periodo di fabbricazione (Modello) * Production Year (Model) *
Période de fabrication (Modèle)* Baujahr (Modellreihe))
- ④ Periodo di fabbricazione (Tipo) * Production Year (Type) *
Période de fabrication (Type)* Baujahr (Typ)
- ⑤ Motore * Engine * Moteur * Motor
- ⑥ Codice ERA * ERA p/n * Référence ERA * ERA-Nr.

INDICE COSTRUTTORI VEICOLI VEHICLE MANUFACTURER INDEX



page

ALFA ROMEO.....	11
ALPINA.....	16
AUDI.....	16
BENTLEY.....	40
BMW.....	40
CHEVROLET.....	57
CITROËN.....	59
DACIA.....	75
DAEWOO.....	76
DAF.....	77
DAIHATSU.....	80
FERRARI.....	80
FIAT.....	80
FORD.....	93
FORD USA.....	116
HONDA.....	117
HYUNDAI.....	119
INFINITI.....	124
IVECO.....	125
JEEP.....	127
KIA.....	127
LADA.....	130
LANCIA.....	131
LAND ROVER.....	136
LEXUS.....	136
MAN.....	137
MASERATI.....	147
MAZDA.....	147
MERCEDES-BENZ.....	150
MG.....	170
MINI.....	170
MITSUBISHI.....	171
NISSAN.....	175
OPEL.....	179
PEUGEOT.....	197
PORSCHE.....	214
PROTON.....	216
PUCH.....	216
RENAULT.....	217
ROVER.....	233
SAAB.....	233
SEAT.....	237
SKODA.....	243
SMART.....	248
SSANGYONG.....	249
SUBARU.....	249
SUZUKI.....	250
TOYOTA.....	252
VAUXHALL.....	259
VOLVO.....	269
VW.....	278



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

ALFA ROMEO

145 07/94 - 01/01

1.4 i.e.	(930)	07/94 - 12/96	AR 33501	66	550092				550150
1.4 i.e. 16V T.S.	(930)	12/96 - 01/01	AR 33503, AR 38501	76	550062 550156	550113 550252	550230		550144
1.6 i.e.	(930)	10/94 - 12/96	AR 33201	76	550375			550140	
1.6 i.e. 16V T.S.	(930)	12/96 - 01/01	AR 38201, AR 67601	88	550062 550156	550113 550252	550230		550144
1.7 i.e. 16V	(930)	10/94 - 12/96	AR 33401	95					550144
1.8 i.e. 16V	(930)	03/98 - 01/01	AR 32201	106	550062	550252			
1.8 i.e. 16V T.S.	(930)	12/96 - 12/98	AR 38401, AR 67106	103	550156	550113	550230		550144
1.9 JTD	(930)	02/99 - 01/01	AR 32302	77	550093 550426	550057		550360	
1.9 TD	(930)	10/94 - 02/99	AR 33601, AR 67501	66	550093	550057			
2.0 16V Quadrifoglio	(930)	03/98 - 01/01	AR 32301	114	550062	550252			
2.0 16V T.S.	(930)	10/95 - 01/01	AR 67204	110	550156	550113	550230		550144

146 12/94 - 01/01

1.4 i.e.	(930)	12/94 - 12/96	AR 33501	66	550092				550150
1.4 i.e. 16V T.S.	(930)	11/96 - 01/01	AR 33503, AR 38501	76	550062 550156	550113 550252	550230		550144
1.6 i.e.	(930)	12/94 - 12/96	AR 33201	76				550140	
1.6 i.e. 16V T.S.	(930)	11/96 - 01/01	AR 38201, AR 67601	88	550062 550156	550113 550252	550230		550144
1.7 i.e. 16V	(930)	12/94 - 12/96	AR 33401	95					550144
1.8 i.e. 16V T.S.	(930)	11/96 - 01/01	AR 38401, AR 67106	103	550156	550113	550230		550144
	(930)	03/98 - 01/01	AR 32201	106	550062	550252			
1.9 JTD	(930)	02/99 - 01/01	AR 32302	77	550093 550426	550057		550360	
1.9 TD	(930)	12/94 - 02/99	AR 33601, AR 67501	66	550093 550426	550057		550360	
2.0 16V Quadrifoglio	(930)	03/98 - 01/01	AR 32301	114	550062	550252			
2.0 16V T.S.	(930)	10/95 - 01/01	AR 67204	110	550156	550113	550230		550144

147 01/01 - 03/10

1.6 16V T.SPARK	(937)	01/01 -	AR 32104	88	550062	550252			
1.6 16V T.SPARK ECO	(937)	01/01 -	AR 37203	77	550062	550252			
1.9 JTD	(937)	06/03 -	182 B9.000	74	550055 550268	550057		550097	
	(937)	04/01 -	937 A2.000	85	550055 550268	550057		550097 550360	
1.9 JTD 16V	(937)	09/03 - 09/04	937 A4.000	93				550271	
	(937)	10/04 -	192 B1.000	100				550271	
	(937)	11/02 -	192 A5.000	103	550000	550001		550271	
1.9 JTDM	(937)	10/04 - 03/10	939 A7.000	85	550268			550271	
1.9 JTDM 16V	(937)	07/05 -	937 A5.000	110	550000	550001		550271	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 JTDM 8V	(937)	07/05 -	937 A3.000	88	550268	550057		550244 550271		
2.0 16V T.SPARK	(937)	01/01 -	AR 32310	110	550062	550252				

155 01/92 - 12/97

1.6 16V T.S.	(167)	05/96 - 12/97	AR 67601	88	550156	550113	550230		550144	
1.7 T.S.	(167)	04/93 - 04/96	AR 67103	83					550144	
	(167)	04/93 - 04/96	AR 67105	85					550144	
1.7 T.S. 16V	(167)	05/96 - 12/97	AR 67106	103	550156	550113	550230		550144	
1.8 T.S. Sport	(167)	01/92 - 12/96	AR 67101, AR 67102	93					550144	
1.9 TD	(167)	04/93 - 12/97	AR 67501	66	550093					
2.0 16V Turbo Q4	(167)	01/92 - 12/97	AR 67203	137	550090			550147		550553
	(167)	01/92 - 12/97	AR 67203	140	550090			550147		550553
2.0 T.S.	(167)	02/92 - 02/95	AR 67202	104					550144	
	(167)	02/92 - 04/93	AR 67201	106					550144	
2.0 T.S. 16V	(167)	03/95 - 12/97	AR 67204	110	550156	550113	550230		550144	
2.5 V6	(167)	10/92 - 12/97	AR 67302, AR 67303	120					550144	
	(167)	02/92 - 09/96	AR 67301	121					550144	

156 09/97 - 05/06

1.6 16V T.SPARK	(932)	09/97 - 09/05	AR 32102, AR 32103, AR 32104, AR 67601	88	550062	550113			550144	
1.6 16V T.SPARK.	Sportwagon (932)	05/00 - 05/06	AR 32102, AR 32103, AR 32104, AR 67601	88	550062	550113			550144	
1.8 16V T.SPARK	(932)	10/00 - 09/05	AR 32205	103	550062 550259	550252				
	Sportwagon (932)	10/00 - 05/06	AR 32205	103	550062 550259	550252				
	(932)	09/97 - 10/00	AR 32201	106	550062	550252				
	Sportwagon (932)	05/00 - 10/00	AR 32201	106	550062	550252				
1.9 JTD	(932)	09/97 - 10/00	AR 32302	77	550426	550057		550360		
	Sportwagon (932)	05/00 - 10/00	AR 32302	77	550426	550057		550360		
	(932)	10/00 - 05/01	AR 37101	81	550426	550057		550360		
	Sportwagon (932)	10/00 - 05/01	AR 37101	81	550426			550360		
	(932)	05/01 - 09/05	937 A2.000	85	550055 550259 550268	550057		550097		
	Sportwagon (932)	05/01 - 05/06	937 A2.000	85	550055 550259 550268	550057				
1.9 JTD 16V	(932)	11/02 - 09/05	192 A5.000	103	550000 550259	550001		550271		
	Sportwagon (932)	11/02 - 05/06	192 A5.000	103	550000 550259	550001		550271		
1.9 JTD 16V Q4	Sportwagon (932)	07/04 - 05/06	937 A5.000	110	550000 550259	550001		550271		
2.0 16V T.SPARK	(932)	10/00 - 03/02	AR 32310	110	550259	550252				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

ALFA ROMEO



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 16V T.SPARK	Sportwagon (932)	10/00 - 03/02	AR 32310	110	550062 550259	550252				
	(932)	09/97 - 10/00	AR 32301	114	550062	550252				
	Sportwagon (932)	05/00 - 10/00	AR 32301	114	550062	550252				
2.0 JTS	(932)	03/02 - 09/05	937 A1.000	122	550259	550252		550303		
	Sportwagon (932)	03/02 - 05/06	937 A1.000	122	550259	550252		550303		
2.4 JTD	(932)	09/97 - 10/00	AR 32501	100		550057		550360		
	Sportwagon (932)	05/00 - 10/00	AR 32501	100	550055	550057		550360		
	(932)	10/00 - 09/05	839 A6.000	103	550055	550057		550360		
	Sportwagon (932)	10/00 - 05/06	839 A6.000	103	550055	550057		550360		
	(932)	03/02 - 09/05	841 C000	110	550055 550259	550057		550097		
	Sportwagon (932)	03/02 - 05/06	841 C000	110	550055 550259	550057		550097		
	(932)	10/03 - 09/05	841 G.000	129	550000 550259	550001		550271		
	Sportwagon (932)	10/03 - 05/06	841 G.000	129	550000 550259	550001				
2.5 V6 24V	(932)	09/97 - 12/01	AR 32401	140			550230 550286			
	Sportwagon (932)	05/00 - 10/00	AR 32401	140			550230 550286			
	Sportwagon (932)	10/00 - 05/06	AR 32405	141	550259		550230			
3.2 GTA	(932)	03/02 - 09/05	932 A.000	184	550259					
	Sportwagon (932)	03/02 - 05/06	932 A.000	184	550259					

159

09/05 - 11/11

1.8 MPI	(939)	03/07 - 11/11	939 A4.000	103		550574				
	Sportwagon (939)	03/07 - 11/11	939 A4.000	103		550574				
1.8 TBi	(939)	05/09 - 11/11	939 B1.000	147		550574				
	Sportwagon (939)	05/09 - 11/11	939 B1.000	147		550574				
1.9 JTDM 16V	(939)	09/05 - 11/11	939 A2.000	110	550000	550001				
1.9 JTDM 8V	(939)	09/05 - 11/11	939 A1.000	88	550268	550057		550244 550271		
	Sportwagon (939)	03/06 - 11/11	939 A1.000	88	550268			550244 550271		
1.9 JTS	(939)	09/05 - 11/11	939 A6.000	118		550292				
	Sportwagon (939)	03/06 - 11/11	939 A6.000	118		550292				
2.2 JTS	(939)	09/05 - 11/11	939 A5.000	136		550292				
	Sportwagon (939)	03/06 - 11/11	939 A5.000	136		550292				
2.4 JTDM	(939)	09/05 - 11/11	939 A3.000	147	550000	550001		550244 550271		
	Sportwagon (939)	03/06 - 11/11	939 A3.000	147				550244 550271		
2.4 JTDM Q4	(939)	05/07 - 11/11	939 A9.000	154				550244		
	Sportwagon (939)	05/07 - 11/11	939 A9.000	154				550244		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.2 JTS Q4	(939)	12/05 - 11/11	939 A.000	191	550000	550001				
------------	-------	---------------	-----------	-----	--------	--------	--	--	--	--

164 01/87 - 09/98

2.0		06/87 - 09/98	--	102	550375					
		11/87 - 10/92	--	105	550375					
2.0 T.S.		06/87 - 09/92	AR 06416	105	550375					
		09/92 - 09/98	AR 64103	106	550375				550144	
		06/87 - 12/90	AR 06420	109	550375					
2.0 Turbo		07/90 - 10/92	--	152	550375					
2.0 Twin Spark		07/90 - 10/92	--	106	550375					
		06/87 - 06/90	--	109	550375					
2.0 V6 Turbo		09/92 - 09/98	AR 64102	148	550375					
		03/91 - 09/92	AR 64101	150	550375					
3.0		11/87 - 09/91	AR 06410	138	550375					
		02/88 - 10/92	--	147	550375					
3.0 24V		09/92 - 09/98	AR 66301, AR 66302	155	550280				550144	
3.0 24V Q4		02/94 - 09/98	AR 64307, AR 64308	170	550280		550230		550144	
3.0 24V QV		09/92 - 09/98	AR 64304	171	550280		550230		550144	
3.0 i.e. QV		09/90 - 09/92	AR 06430, AR 64301	147	550375					
3.0 V6		09/92 - 09/98	AR 64305, AR 66303	132	550375				550144	
		06/87 - 09/92	AR 06412	135	550375					
		06/87 - 09/92	AR 06410	141	550375					

166 09/98 -

2.0 T.Spark	(936)	10/00 -	AR 36301	110	550062	550252				
	(936)	09/98 - 10/00	AR 34103	114	550062	550252				
2.0 V6	(936)	09/98 -	AR 34102	151	550200		550230			550587
2.4 JTD	(936)	09/98 - 10/00	AR 34202	100	550055	550057			550360	
	(936)	10/00 -	839 A6.000	103	550055 550268	550057			550097	
	(936)	04/02 -	841 C000	110	550055 550268	550057			550097	
	(936)	10/03 -	841 G.000, 841 H.000	129	550000	550001			550244	
	(936)	07/06 -	841 M.000	132					550244	
	(936)	07/05 -	936 B.000	136					550244	
2.5 V6 24V	(936)	10/00 -	AR 36201	138			550230			
	(936)	09/98 - 10/00	AR 34201	140			550230			
3.0 V6 24V	(936)	10/00 -	AR 36101	162			550230			
	(936)	09/98 - 10/00	AR 34301	166			550230			

33 01/90 - 09/94

1.4 i.e.	(907A)	06/91 - 09/94	AR 30753, AR 30755	65	550089			550080	550144	
	Sportwagon (907B)	06/91 - 09/94	AR 30755	65	550089			550080		
	(907A)	06/91 - 09/94	AR 30753, AR 30755	66	550089			550080	550144	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 i.e.	Sportwagon (907B)	06/91 - 09/94	AR 30755	66	550089			550080		
1.4 i.e. 4x4	Sportwagon (907B)	06/91 - 09/94	AR 30587, AR 30755	66	550089			550080		
1.5 i.e.	(907A)	01/90 - 09/94	AR 30751	71	550375					550144
	Sportwagon (907B)	01/90 - 09/94	AR 30751	71						550144
1.5 i.e.	(907A)	07/90 - 08/91	AR 30750	74						550144
1.7 16V	(907A)	01/90 - 09/94	AR 30747	95	550375					
	Sportwagon (907B)	01/90 - 09/94	AR 30747	95	550375					
	(907A)	01/90 - 03/92	AR 30747	97	550375					
	Sportwagon (907B)	01/90 - 09/94	AR 30747	97	550375					
	(907A)	01/90 - 03/92	AR 30746	101	550375					
	Sportwagon (907B)	01/90 - 03/92	AR 30746	101	550375					
1.7 16V 4x4	(907A)	01/90 - 09/94	AR 30747	95	550375					
	Sportwagon (907B)	01/90 - 09/94	AR 30747	95	550375					
	(907A)	01/90 - 09/94	AR 30747	97	550375					
	Sportwagon (907B)	01/90 - 03/92	AR 30747	97	550375					
1.7 i.e.	(907A)	04/92 - 09/94	AR 30737 A	77	550375					550587
	Sportwagon (907B)	04/92 - 09/94	AR 30737	77	550375					550144 550587
	(907A)	01/90 - 03/92	AR 30736, AR 30737	79						550144
	Sportwagon (907B)	01/90 - 03/92	AR 30736, AR 30737	79						550144
1.7 i.e. 4x4	(907A)	01/90 - 03/92	AR 30736, AR 30737	79						550144
	Sportwagon (907B)	01/90 - 03/92	AR 30736, AR 30737	79						550144

75

05/85 - 12/92

1.6	(162B)	05/85 - 09/89	--	76	550375					
1.8	(162B)	08/89 - 02/92	AR 61201	90	550375					
	(162B)	08/89 - 02/92	AR 67101	95	550375					
1.8 Turbo	(162B)	09/86 - 02/92	AR 06134	110			550199			
2.0 T.S.	(162B)	05/85 - 02/92	AR 06224	109	550375					
2.0 T.S.	(162B)	01/87 - 02/92	AR 06166, AR 06224	107	550375					
	(162B)	01/87 - 12/88	AR 06224	109	550375					
3.0 V6	(162B)	02/90 - 02/92	AR 61503	141	550375					

BRERA

01/06 -

2.2 JTS		01/06 -	939 A5.000	136			550292			
2.4 JTDM 20V		01/06 -	939 A3.000	147				550271		
		05/07 -	939 A9.000	154				550271		

GIULIETTA

04/10 -

1.4 TB	(940)	04/10 -	198 A4.000	88			550245			
	(940)	04/10 -	940 A2.000	125			550245			

GT

11/03 -

1.8 TS	(937)	11/03 -	AR 32205	103			550252			
--------	-------	---------	----------	-----	--	--	--------	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 JTD	(937)	11/03 -	937 A5.000	110	550000	550001		550271		
2.0 JTS	(937)	11/03 -	932 A2.000, 937 A1.000	121		550252	550305			

GTV 09/94 -

1.8 16V	(916C_)	05/98 -	AR 32201	106	550062	550252				
2.0 JTS	(916C_)	04/03 -	937 A1.000	121		550252				
2.0 T.SPARK 16V	(916C_)	06/95 -	AR 16201, AR 32310	110	550062 550156	550113			550144	
	(916C_)	05/98 - 08/00	AR 32301	114		550252				
2.0 V6 Turbo	(916C_)	06/95 -	AR 16202	148	550375					
3.0 V6 24V	(916C_)	10/96 - 10/00	AR 16102	162					550144	

MITO 09/08 -

1.4	(955)	09/08 -	955 A1.000	58		550245				
1.4 TB	(955)	09/08 -	199 A8.000	114	550306	550245	550305	550097		

RZ 01/92 - 12/94

3.0 V6 Zagato		01/92 - 12/94	AR 61501	152	550375					
---------------	--	---------------	----------	-----	--------	--	--	--	--	--

SPIDER 03/71 -

1.8 16V	(916S_)	05/98 - 04/05	AR 32201	106	550062	550252				
2.0 JTS	(916S_)	04/03 - 04/05	937 A1.000	121		550252				
2.0 T.SPARK 16V	(916S_)	06/95 - 04/05	AR 16201, AR 32310	110	550062 550156	550113 550252	550230		550144	
	(916S_)	05/98 - 08/00	AR 32301	114	550062					
2.0 V6 Turbo	(916S_)	05/98 - 04/05	AR 16202	148	550375					
2.2 JTS	(939)	09/06 -	939 A5.000	136		550292				
2.4 JTDM	(939)	04/07 -	939 A3.000	147					550271	
	(939)	03/08 -	939 A3.000	154					550271	
2000	(115)	01/90 - 12/93	AR 01588	88	550375					
2000 Veloce	(115)	01/77 - 12/93	AR 00515, AR 01590	93	550375					
3.0 V6	(916S_)	06/95 - 04/05	AR 16101	141					550144	

SZ 09/88 - 08/94

3.0 V6 Zagato		09/88 - 08/94	AR 61501	152	550375					
---------------	--	---------------	----------	-----	--------	--	--	--	--	--

ALPINA

B7 01/04 -

4.4	(E65)	01/04 -	N62B44A19	368	550272					
-----	-------	---------	-----------	-----	--------	--	--	--	--	--

AUDI

100 08/82 - 11/94

2.0	(44, 44Q, C3)	08/86 - 11/87	SL	83				550207		
	Avant (44, 44Q, C3)	09/86 - 11/87	SL	83				550207		
2.0 CAT	(44, 44Q, C3)	01/88 - 11/90	RT	85				550207		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

ALPINA



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 E	(4A, C4)	12/90 - 06/94	AAD, ABK	85			550207			
	Avant (4A, C4)	09/91 - 06/94	AAD, ABK	85			550207 550236			
2.0 E 16V	(4A, C4)	01/92 - 06/94	ACE	103			550207			
2.0 E CAT	Avant (44, 44Q, C3)	01/88 - 11/90	RT	85			550207			
2.0 E quattro	(4A, C4)	12/90 - 07/92	AAD	85			550207 550236			
	Avant (4A, C4)	12/90 - 07/92	AAD	85			550207 550236			
2.2 E Turbo quattro	(44, 44Q, C3)	08/86 - 11/90	MC	121	550445					
2.2 Turbo	(44, 44Q, C3)	08/86 - 11/90	MC	121	550445					
	Avant (44, 44Q, C3)	08/86 - 11/90	MC	121	550445					
2.3	Avant (44, 44Q, C3)	08/86 - 11/90	NF	100			550207			
2.3 E	(4A, C4)	12/90 - 06/94	AAR	98			550207			
	Avant (4A, C4)	09/91 - 06/94	AAR	98			550207			
	(44, 44Q, C3)	10/86 - 11/90	NF	100			550207			
2.3 E quattro	(4A, C4)	12/90 - 06/94	AAR	98			550207			
	Avant (4A, C4)	09/91 - 06/94	AAR	98			550207			
	(44, 44Q, C3)	08/86 - 11/90	NF	100			550207			
	Avant (44, 44Q, C3)	08/86 - 11/90	NF	100			550207			
2.5 TDI	(4A, C4)	12/90 - 06/94	AAT, ABP	85	550445					550587
	Avant (4A, C4)	12/90 - 06/94	AAT, ABP	85	550445					550587
	(44, 44Q, C3)	01/90 - 11/90	1T	88	550445					550587
	Avant (44, 44Q, C3)	01/90 - 11/90	1T	88	550445					550587
2.6	(4A, C4)	07/93 - 06/94	ACZ	102	550445					
	Avant (4A, C4)	07/93 - 06/94	ACZ	102	550445					
	(4A, C4)	03/92 - 06/94	ABC	110	550445		550236			
	Avant (4A, C4)	03/92 - 06/94	ABC	110	550445		550236			
2.6 E quattro	(4A, C4)	08/93 - 07/94	ACZ	102	550445					
	Avant (4A, C4)	08/93 - 07/94	ACZ	102	550445					
2.6 quattro	(4A, C4)	04/92 - 06/94	ABC	110	550445	550243	550236			
	Avant (4A, C4)	07/92 - 06/94	ABC	110	550445	550243	550236			
2.8 E	(4A, C4)	12/90 - 06/94	AAH	128	550445		550236			
	Avant (4A, C4)	09/91 - 06/94	AAH	128	550445		550236			
2.8 E quattro	(4A, C4)	12/90 - 06/94	AAH	128	550445	550243	550236			
	Avant (4A, C4)	09/91 - 06/94	AAH	128	550445	550243	550236			
S4 Turbo quattro	(4A, C4)	08/91 - 06/94	AAN	169			550207 550236			
	Avant (4A, C4)	09/91 - 06/94	AAN	169			550207			
S4 V8 quattro	(4A, C4)	10/92 - 06/94	ABH	206				550491		

AUDI

200

06/83 - 12/91

2.2 20V Turbo quattro	(44, 44Q)	03/89 - 12/90	3B	162			550236			
-----------------------	-----------	---------------	----	-----	--	--	--------	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.2 20V Turbo quattro	Avant (44, 44Q)	07/89 - 12/90	3B	162			550236			
2.2 Turbo	(44, 44Q)	08/85 - 09/91	MC	121	550445					
	(44, 44Q)	02/88 - 12/90	1B	147	550445					

80 08/78 - 01/96

1.6 E	(8C, B4)	06/93 - 12/94	ADA	74			550236			
	Avant (8C, B4)	06/93 - 01/96	ADA	74			550236			
1.8	(89, 89Q, 8A, B3)	09/86 - 07/88	SD	83			550207			
1.8 GTE	(81, 85, B2)	08/85 - 07/86	PV	81			550207			
1.8 GTE quattro	(81, 85, B2)	03/85 - 08/86	PV	81			550207			
1.8 quattro	(89, 89Q, 8A, B3)	09/86 - 08/90	SD	83			550207 550236			
2.0	(89, 89Q, 8A, B3)	10/90 - 08/91	AAD	82			550207 550236			
2.0 E	(89, 89Q, 8A, B3)	08/88 - 10/90	3A	83			550207			
	(8C, B4)	09/91 - 12/94	ABK	85			550207 550236			
	Avant (8C, B4)	07/92 - 01/96	ABK	85			550207 550236			
2.0 E 16V	(89, 89Q, 8A, B3)	03/90 - 09/91	6A	101			550207 550236			
	(8C, B4)	08/92 - 12/94	ACE	103			550207 550236			
	Avant (8C, B4)	02/93 - 01/96	ACE	103			550207 550236			
2.0 E 16V quattro	(89, 89Q, 8A, B3)	03/90 - 08/91	6A	101			550207 550236			
	(8C, B4)	04/92 - 12/94	ACE	103			550207 550236			
	Avant (8C, B4)	12/92 - 07/95	ACE	103			550207 550236			
2.0 E quattro	(89, 89Q, 8A, B3)	08/88 - 09/90	3A	83			550207 550236			
	(8C, B4)	09/91 - 12/94	ABK	85			550207 550236			
2.0 quattro	(89, 89Q, 8A, B3)	10/90 - 08/91	3A	82			550207			
	(89, 89Q, 8A, B3)	10/90 - 08/91	AAD	85			550207 550236			
2.3 E	(8C, B4)	09/91 - 12/94	NG	98			550207 550236			
	Avant (8C, B4)	07/92 - 01/96	NG	98			550207 550236			
2.3 E quattro	(8C, B4)	09/91 - 12/94	NG	98			550207 550236			
	Avant (8C, B4)	09/91 - 11/94	NG	98			550207 550236			
2.6	(8C, B4)	07/92 - 12/94	ABC	110			550207 550236			
	Avant (8C, B4)	07/92 - 01/96	ABC	110	550445		550207 550236			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

AUDI



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.6 quattro	(8C, B4)	06/92 - 12/94	ABC	110			550207 550236			
	Avant (8C, B4)	07/92 - 07/95	ABC	110			550207 550236			
2.8	(8C, B4)	09/91 - 12/94	AAH	128			550207 550236			
	Avant (8C, B4)	09/91 - 01/96	AAH	128	550445		550207 550236			
2.8 quattro	(8C, B4)	09/91 - 12/94	AAH	128			550207 550236			
	Avant (8C, B4)	08/92 - 07/95	AAH	128			550207 550236			
RS2 quattro	Avant (8C, B4)	03/94 - 05/95	ADU	232	550445		550207 550236			
S2 quattro	Avant (8C, B4)	02/93 - 07/95	ABY	169			550207 550236			
S2 quattro	(8C, B4)	02/93 - 12/94	ABY	169			550207 550236			

90

08/84 - 09/91

2.0	(81, 85, B2)	03/86 - 03/87	SK	83			550207			
	(89, 89Q, 8A, B3)	07/88 - 09/91	PS	85			550207 550236			
2.0 20 V	(89, 89Q, 8A, B3)	08/89 - 07/91	NM	118	550445					
2.3 E	(89, 89Q, 8A, B3)	04/87 - 09/91	NG	98			550207 550236			
	(89, 89Q, 8A, B3)	04/87 - 07/91	NG	100			550207 550236			
2.3 E 20V	(89, 89Q, 8A, B3)	04/90 - 07/91	7A	123	550445					
	(89, 89Q, 8A, B3)	08/88 - 07/91	7A	125	550445					
2.3 E 20V quattro	(89, 89Q, 8A, B3)	06/88 - 09/91	7A	125	550445					
2.3 E quattro	(89, 89Q, 8A, B3)	04/87 - 09/91	NG	98			550207 550236			
	(89, 89Q, 8A, B3)	04/87 - 07/91	NG	100			550207 550236			

A1

05/10 -

1.2 TFSI	(8X1)	05/10 -	CBZA	63			550605			
	Sportback (8XA)	01/12 -	CBZA	63			550605			
1.4 TFSI	(8X1)	05/10 -	CAXA	90			550605 550606			
	(8X1)	01/11 -	CAVG	136			550605			
1.6 TDI	(8X1)	03/11 -	CAYB	66			550605			
	Sportback (8XA)	11/11 -	CAYB	66			550605			
	(8X1)	05/10 -	CAYC	77			550605			
	Sportback (8XA)	11/11 -	CAYC	77			550605			
2.0 TDI	(8X1)	05/12 -	CFHB	100			550605			
	(8X1)	09/11 -	CFHD	105			550605			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

A2 02/00 - 08/05

1.2 TDI	(8Z0)	03/01 - 08/05	ANY	45	550099 550101	550254		550132 550606		550324
1.4	(8Z0)	02/00 - 08/05	AUA, BBY	55		550026 550033	550106	550194		
1.4 TDI	(8Z0)	02/00 - 08/05	AMF, BHC	55	550101	550254		550132 550606		
	(8Z0)	11/03 - 08/05	ATL	66	550101	550254		550265		
1.6 FSI	(8Z0)	05/02 - 08/05	BAD	81			550106			

A3 09/96 -

1.2 TFSI	Convertible	03/10 -	CBZB	77				550605		
1.4 TFSI	(8P1)	09/07 -	CAXC	92				550605 550606		
	Convertible	02/11 -	CAXC	92				550605 550606		
	Sportback (8PA)	09/07 -	CAXC	92				550605 550606		
1.6	(8L1)	09/96 - 08/00	AEH, AKL, APF	74	550099 550100 550109 550123 550138	550235 550478	550601			550324 550495
	(8L1)	08/00 -	AVU, BFQ	75	550100 550123	550478	550106			
	(8P1)	05/03 -	BGU	75	550123	550028	550106	550085 550605		
	Sportback (8PA)	09/04 -	BGU	75	550123	550028	550106	550085 550605		
1.6 FSI	(8P1)	08/03 -	BAG, BLP	85	550119		550106	550365 550605		
	Sportback (8PA)	09/04 -	BLP	85		550120	550106	550365 550605		
1.6 TDI	Convertible	05/09 -	CAYC	77				550605		
1.8	(8L1)	09/96 -	AGN, APG	92	550099 550100 550109 550138	550222	550601 550602			550324 550495
1.8 quattro	(8L1)	08/98 -	AGN	92	550099 550100 550109 550138	550222				550495
1.8 T	(8L1)	12/96 -	AGU, AQA, ARZ, AUM	110	550099 550100 550109 550123 550138	550222	550106 550601 550602	550132		550324 550495
	(8L1)	12/98 -	AJQ, APP, ARY, AUQ	132	550109 550123	550222	550106 550601 550602	550132		550495

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 T quattro	(8L1)	12/96 -	AGU, AQA, ARX	110	550099 550100 550109 550123 550138	550222	550106 550601 550602	550132		550495
	(8L1)	10/98 -	AJQ, ARY	132	550109	550222	550106 550601 550602	550132		550495
1.8 TFSI	(8P1)	11/06 -	BYT	118		550480		550263 550605		
	Convertible	04/08 -	BZB	118		550480				
	Sportback (8PA)	11/06 -	BYT	118	550105	550480		550263 550605		
1.9 TDI	(8L1)	09/96 - 07/01	AGR, ALH	66	550099 550100 550138 550452 550585			550132		550324
	(8L1)	10/00 -	ATD, AXR	74	550102	550254		550132 550606		
	(8P1)	05/03 -	BKC	77	550119	550027		550606		
	Convertible	04/08 -	BLS	77				550606		
	Sportback (8PA)	09/04 -	BKC	77	550119			550606		
	(8L1)	08/97 - 07/01	AHF, ASV	81	550099 550100 550138 550452 550585			550132		550324
	(8L1)	08/00 -	ASZ	96	550102	550254		550265		
1.9 TDI quattro	(8L1)	08/00 -	ASZ	96	550102	550254		550265		
					550232	550027		550085 550263 550605		
2.0 FSI	(8P1)	05/03 -	AXW, BLR, BLX, BLY, BMB, BVY, BVZ	110				550263 550605		
	Sportback (8PA)	09/04 -	BLR, BLX, BLY, BMB, BVY, BVZ	110	550232			550085 550263 550605		
2.0 TDI	(8P1)	05/03 -	AZV	100	550119	550027		550265		
	Convertible	04/08 -	CBAA	100				550605		
	(8P1)	06/05 -	BMM	103				550265		
	Convertible	04/08 -	CBAB	103				550605		
	Sportback (8PA)	06/05 -	BMM	103				550265		
	(8P1)	03/06 -	BMN	125				550265		
	Sportback (8PA)	03/06 -	BMN	125				550265		
2.0 TDI 16V	(8P1)	05/03 -	BKD	103	550119	550027		550265		
	Sportback (8PA)	09/04 -	BKD	103	550119			550265		
2.0 TDI 16V quattro	(8P1)	08/04 -	BKD	103	550119	550027		550265		
	Sportback (8PA)	11/05 -	BKD	103	550119			550265		
2.0 TDI quattro	(8P1)	01/06 -	BMM	103				550265		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 TDI quattro	Sportback (8PA)	01/06 -	BMM	103				550265		
	(8P1)	03/06 -	BMN	125				550265		
	Sportback (8PA)	03/06 -	BMN	125				550265		
2.0 TFSI	(8P1)	09/04 -	AXX	147	550123	550027		550263 550605		
	Sportback (8PA)	09/04 -	AXX	147				550263 550605		
2.0 TFSI quattro	(8P1)	09/04 -	AXX	147	550123	550027		550263 550605		
	Sportback (8PA)	09/04 -	AXX	147	550123			550263 550605		
3.2 V6 quattro	(8P1)	07/03 -	BDB, BMJ	184		550120		550605		
	Sportback (8PA)	09/04 -	BMJ	184		550120		550605		
S3 quattro	(8L1)	03/99 -	AMK, APY, AUL	154	550109 550123		550106 550601 550602	550132 550263		550495
	(8L1)	10/01 -	BAM	165	550123	550222	550106	550263		550495
	(8P1)	11/06 -	BHZ	195				550265		

A4 11/94 -

1.6	(8D2, B5)	11/94 - 10/00	ADP, AHL, ANA, ARM	74	550099 550109 550504	550235	550207			550495 550502
	Avant (8D5, B5)	11/94 - 09/01	ADP, AHL, ANA, ARM	74	550099 550109 550504	550235	550207			550495 550502
	(8D2, B5)	07/00 - 11/00	ALZ	75			550216			
	(8E2, B6)	11/00 - 12/04	ALZ	75	550372	550028	550216	550491		
	(8EC, B7)	11/04 - 06/08	ALZ	75	550372	550028		550491		
	Avant (8D5, B5)	07/00 - 09/01	ALZ	75			550216			
	Avant (8E5, B6)	09/01 - 12/04	ALZ	75	550372	550028	550216	550491		
	Avant (8ED, B7)	11/04 - 06/08	ALZ	75	550372	550028		550491		
1.8	(8D2, B5)	04/95 - 11/00	AFY	85	550504					550495 550502
	Avant (8D5, B5)	07/95 - 09/01	AFY	85	550504					550495 550502
	(8D2, B5)	01/95 - 11/00	ADR, APT, ARG, AVV	92	550099 550504	550222	550207 550236			550495 550502
	Avant (8D5, B5)	02/96 - 09/01	ADR, APT, ARG, AVV	92	550099 550504	550222	550207 550236			550495 550502
	(8D2, B5)	01/95 - 11/00	--	95	550504					550502
	Convertible (8H7, B6, 8HE, B7)	10/02 - 10/05	AMB	125				550491		550495
1.8 quattro	(8D2, B5)	07/95 - 11/00	AFY	85	550504					550495 550502
	Avant (8D5, B5)	07/95 - 09/01	AFY	85	550504					550495 550502
	(8D2, B5)	01/95 - 11/00	ADR, APT, ARG	92	550504	550222	550207 550236			550495 550502

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 quattro	Avant (8D5, B5)	01/96 - 09/01	ADR, APT, ARG	92	550504	550222	550207 550236			550495 550502
1.8 T	(8D2, B5)	01/95 - 11/00	AEB, ANB, APU, ARK, AWT	110	550372	550222	550207	550132		550495
					550504		550216	550491		550502
	(8E2, B6)	11/00 - 07/02	AVJ	110	550372	550222	550216 550217	550263 550491		550495
	Avant (8D5, B5)	03/96 - 09/01	AEB, ANB, APU, ARK, AWT	110	550372	550222	550207 550216 550217 550236	550132 550491		550495 550502
	Avant (8E5, B6)	09/01 - 07/02	AVJ	110	550372	550222	550216 550217	550263 550491		
	(8E2, B6)	07/02 - 12/04	BFB, BKB	120	550372			550263 550491		550495
	(8EC, B7)	11/04 - 06/08	BFB	120	550372	550222	550217	550263 550491		550495
	Avant (8E5, B6)	07/02 - 12/04	BFB	120	550372	550222	550216 550217	550263 550491		550495
	Avant (8ED, B7)	11/04 - 06/08	BFB	120	550372	550222	550217	550263 550491		550495
	Convertible (8H7, B6, 8HE, B7)	07/02 - 03/09	BFB	120	550372	550222	550216 550217	550263 550491		550495
	(8E2, B6)	07/01 - 12/04	AMB	125	550372			550491		
	(8D2, B5)	12/97 - 11/00	AJL	132	550504	550222	550207 550236			550495 550502
	Avant (8D5, B5)	12/97 - 09/01	AJL	132	550504	550222	550207 550236			550495 550502
	(8E2, B6)	11/02 - 12/04	BEX	140	550372	550222	550216 550217	550263 550491		550495
	Avant (8E5, B6)	11/02 - 12/04	BEX	140	550372	550222	550216 550217	550263 550491		550495
1.8 T quattro	(8D2, B5)	01/95 - 11/00	AEB, ANB, APU, ARK, AWT	110	550372	550222	550207	550132		550495
					550504		550216	550491		550502
	(8E2, B6)	11/00 - 07/02	AVJ	110	550372	550222	550216 550217	550263 550491		550495
	Avant (8D5, B5)	01/96 - 09/01	AEB, ANB, APU, ARK, AWT	110	550372	550222	550207 550216 550217 550236	550132 550491		550495 550502
	Avant (8E5, B6)	09/01 - 07/02	AVJ	110	550372	550222	550216 550217	550263 550491		
	(8E2, B6)	07/02 - 12/04	BFB	120	550372	550222	550216 550217	550263 550491		550495
	(8EC, B7)	11/04 - 06/08	BFB	120	550372	550222	550217	550263 550491		550495
	Avant (8E5, B6)	07/02 - 12/04	BFB	120	550372	550222	550216 550217	550263 550491		550495
	Avant (8ED, B7)	11/04 - 06/08	BFB	120	550372	550222	550217	550263 550491		550495

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AUDI

1.8 T quattro	Convertible (8H7, B6, 8HE, B7)	05/03 - 03/09	BFB	120	550372	550222	550216 550217	550263 550491	550495
	(8E2, B6)	07/01 - 12/04	AMB	125	550372			550491	
	Avant (8E5, B6)	09/01 - 12/04	AMB	125	550372			550491	
	(8D2, B5)	12/97 - 11/00	AJL	132	550504	550222	550207 550236		550495 550502
	Avant (8D5, B5)	12/97 - 09/01	AJL	132	550504	550222	550207 550236		550495 550502
	(8E2, B6)	11/02 - 12/04	BEX	140	550372	550222	550216 550217	550263 550491	550495
	Avant (8E5, B6)	11/02 - 12/04	BEX	140	550372	550222	550216 550217	550263 550491	550495
1.9 TDI	(8D2, B5)	12/95 - 11/00	AFF	55				550132	550502
	Avant (8D5, B5)	03/96 - 09/01	AFF	55					550502
	(8D2, B5)	01/95 - 11/00	1Z, AHH, AHU	66	550099			550132	550502
	Avant (8D5, B5)	02/96 - 09/01	1Z, AHH, AHU	66	550099			550132	550502
	(8E2, B6)	05/01 - 12/04	AVB	74				550606	
	Avant (8E5, B6)	11/01 - 12/04	AVB	74				550606	
	(8D2, B5)	10/95 - 11/00	AFN, AVG	81	550099			550132	550502
	Avant (8D5, B5)	02/96 - 09/01	AFN, AVG	81	550099			550132	550502
	(8D2, B5)	03/00 - 11/00	AJM	85				550132	550502
	(8E2, B6)	06/04 - 12/04	BKE	85				550606	
	(8EC, B7)	11/04 - 06/08	BKE	85				550606	
	Avant (8D5, B5)	03/00 - 09/01	AJM	85				550132	550502
	Avant (8E5, B6)	06/04 - 12/04	BKE	85				550606	
	Avant (8ED, B7)	11/04 - 06/08	BKE	85				550606	
	(8E2, B6)	11/00 - 12/04	AVF, AWX	96				550265	
	Avant (8E5, B6)	09/01 - 12/04	AVF, AWX	96				550265	
1.9 TDI quattro	(8D2, B5)	09/96 - 11/00	AFN, AVG	81				550132	550502
	Avant (8D5, B5)	09/96 - 09/01	AFN, AVG	81				550132	550502
	(8D2, B5)	03/00 - 11/00	AJM, ATJ	85				550132	550502
	Avant (8D5, B5)	03/00 - 09/01	AJM, ATJ	85				550132	550502
	(8E2, B6)	11/01 - 12/04	AVF	96				550265	
	Avant (8E5, B6)	11/01 - 12/04	AVF	96				550265	
2.0	(8E2, B6)	11/00 - 12/04	ALT	96	550372	550222	550216 550217	550491	
	(8EC, B7)	11/04 - 06/08	ALT	96	550372	550222	550217	550491	
	Avant (8E5, B6)	09/01 - 12/04	ALT	96	550372	550222	550216 550217	550491	
	Avant (8ED, B7)	11/04 - 06/08	ALT	96	550372	550222	550217	550491	
	Convertible (8H7, B6, 8HE, B7)	09/04 - 12/05	ALT	96	550372	550222	550217	550491	
	Convertible (8H7, B6, 8HE, B7)	11/05 - 03/09	--	147				550491	
2.0 FSI	(8E2, B6)	07/02 - 12/04	AWA	110	550361 550458	550027		550194 550491	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 FSI	Avant (8E5, B6)	07/02 - 12/04	AWA	110	550361 550458	550027		550194 550491		
2.0 TDI	(8EC, B7)	09/05 - 09/06	BVG	89				550265		
	Avant (8ED, B7)	09/05 - 09/06	BVG	89				550265		
	(8EC, B7)	11/04 - 06/08	BNA	100				550265		
	Avant (8ED, B7)	11/04 - 06/08	BNA	100				550265		
	(8EC, B7)	11/04 - 06/08	BPW	103				550265		
	Avant (8ED, B7)	11/04 - 06/08	BPW	103				550265		
	Convertible (8H7, B6, 8HE, B7)	01/06 - 03/09	BPW	103				550265		
	(8K2, B8)	11/07 -	CAGA	105				550265 550491		
	Avant (8K5, B8)	04/08 -	CAGA	105				550265 550491		
	(8EC, B7)	06/06 - 06/08	BRD	125				550265		
	Avant (8ED, B7)	06/06 - 06/08	BRD	125				550265		
	Avant (8K5, B8)	04/08 -	CAHA	125				550265		
2.0 TDI 16V	(8EC, B7)	11/04 - 06/08	BLB, BRE	103				550265		
	Avant (8ED, B7)	11/04 - 06/08	BLB, BRE	103				550265		
2.0 TDI quattro	(8EC, B7)	01/06 - 06/08	BPW	103				550265		
	Avant (8ED, B7)	01/06 - 06/08	BPW	103				550265		
	(8EC, B7)	06/06 - 06/08	BRD	125				550265		
	Avant (8ED, B7)	06/06 - 06/08	BRD	125				550265		
2.0 TFSI	(8EC, B7)	10/06 - 06/08	BYK	125				550263 550491		
	Avant (8ED, B7)	10/06 - 06/08	BYK	125				550263 550491		
	(8EC, B7)	11/04 - 06/08	BGB	147	550123	550027		550263 550491		
	Avant (8ED, B7)	11/04 - 06/08	BGB	147	550123	550027		550263 550491		
	(8EC, B7)	06/05 - 06/08	BUL	162	550123	550027		550263 550491		
	Avant (8ED, B7)	06/05 - 06/08	BUL	162				550263 550491		
2.0 TFSI 16V	Convertible (8H7, B6, 8HE, B7)	01/06 - 03/09	BWE	147				550263 550491		
2.0 TFSI flexible fuel	(8K2, B8)	11/09 -	CFKA	132				550491		
	Avant (8K5, B8)	11/09 -	CFKA	132				550491		
2.0 TFSI flexible fuel quattro	(8K2, B8)	11/09 -	CFKA	132				550491		
	Avant (8K5, B8)	11/09 -	CFKA	132				550491		
2.0 TFSI quattro	(8EC, B7)	11/04 - 06/08	BGB, BWE, BWT	147	550123	550027		550263 550491		
	Avant (8ED, B7)	11/04 - 06/08	BGB, BWE	147		550027		550263 550491		
	(8EC, B7)	06/05 - 06/08	BUL	162	550123	550027		550263 550491		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AUDI

2.0 TFSI quattro	Avant (8ED, B7)	06/05 - 06/08	BUL	162				550263 550491		
2.4	(8D2, B5)	07/95 - 07/97	AFM	110	550445					
	Avant (8D5, B5)	07/95 - 07/97	AFM	110	550445					
	(8D2, B5)	08/97 - 11/00	AJG, AMM, APZ	120	550109 550124	550222	550217 550236			550495
	(8E2, B6)	09/01 - 12/04	AMM	120				550491		
	Avant (8D5, B5)	08/97 - 09/01	AJG, AMM, APZ	120	550109 550124	550222	550217 550236			550495
	Avant (8E5, B6)	09/01 - 12/04	AMM	120				550491		
	Convertible (8H7, B6, 8HE, B7)	04/02 - 12/05	AMM	120				550491		
	(8D2, B5)	03/97 - 11/00	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236			550495 550502
	Avant (8D5, B5)	03/97 - 09/01	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236			550495 550502
	(8E2, B6)	09/01 - 12/04	BDV	125	550124	550222	550217	550491		
	Avant (8E5, B6)	09/01 - 12/04	BDV	125	550124	550222	550217	550491		
	Convertible (8H7, B6, 8HE, B7)	04/02 - 12/05	BDV	125	550124	550222	550217	550491		
2.4 quattro	(8D2, B5)	08/97 - 11/00	APZ	120	550109 550124		550236			550495
	Avant (8D5, B5)	08/97 - 09/01	APZ	120	550109 550124	550222	550236			550495
	(8D2, B5)	03/97 - 11/00	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236			550495 550502
	Avant (8D5, B5)	03/97 - 09/01	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236			550495 550502
2.5 TDI	(8D2, B5)	09/97 - 11/00	AFB, AKN	110	550372			550132		550502
	Avant (8D5, B5)	09/97 - 09/01	AFB, AKN	110	550372			550132		550502
	(8E2, B6)	08/01 - 07/02	AYM	114	550372			550606		
	Avant (8E5, B6)	09/01 - 07/02	AYM	114	550372			550606		
	(8E2, B6)	07/02 - 12/04	BCZ, BDG, BFC	120	550372			550606		
	(8EC, B7)	11/04 - 05/06	BDG	120	550372			550606		
	Avant (8E5, B6)	07/02 - 12/04	BCZ, BDG, BFC	120	550372			550606		
	Avant (8ED, B7)	11/04 - 05/06	BDG	120	550372			550606		
	Convertible (8H7, B6, 8HE, B7)	08/02 - 12/05	BCZ, BDG, BFC	120	550372			550606		
2.5 TDI quattro	(8D2, B5)	09/97 - 11/00	AFB, AKN	110	550372			550132		550502
	Avant (8D5, B5)	09/97 - 09/01	AFB, AKN	110	550372			550132		550502
	(8E2, B6)	11/00 - 12/04	AKE, BAU, BDH	132	550372			550606		
	Avant (8E5, B6)	09/01 - 12/04	AKE, BAU, BDH	132	550372			550606		
2.6	(8D2, B5)	01/95 - 11/00	ABC	110	550445	550243	550236			550502
	Avant (8D5, B5)	02/96 - 09/01	ABC	110	550445	550243	550236			550502
2.6 quattro	(8D2, B5)	01/95 - 11/00	ABC	110	550445	550243	550236			550502
	Avant (8D5, B5)	01/96 - 09/01	ABC	110	550445	550243	550236			550502
2.7 Bi Turbo quattro	(8D2, B5)	08/98 - 12/98	APB	187						550495

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.7 TDI	(8EC, B7)	11/05 - 06/08	BSG	120	550361					
2.7 TDi	Avant (8ED, B7)	11/05 - 03/08	BSG	120	550361					
2.7 TDI	(8EC, B7)	01/06 - 06/08	BPP	132	550361			550265		
	Avant (8ED, B7)	01/06 - 06/08	BPP	132	550361			550265		
	Convertible (8H7, B6, 8HE, B7)	06/06 - 03/09	BPP	132	550361			550265		
	(8K2, B8)	11/07 -	CAMA	140				550265		
2.8	(8D2, B5)	09/95 - 07/97	AAH	128	550445	550243	550236			
	Avant (8D5, B5)	03/96 - 09/96	AAH	128	550445					
	Avant (8D5, B5)	03/99 - 09/00	ATX	140						550495 550502
	(8D2, B5)	10/96 - 11/00	ACK, ALG, AMX, APR, AQD	142	550109 550124	550222	550236			550495 550502
	Avant (8D5, B5)	10/96 - 09/01	ACK, ALG, AMX, APR, AQD	142	550109 550124	550222	550236			550495 550502
2.8 24V	(8D2, B5)	10/96 - 07/99	--	142						550502
2.8 quattro	(8D2, B5)	01/95 - 07/97	AAH	128	550445	550243	550236			
	Avant (8D5, B5)	01/96 - 09/96	AAH	128	550445					
	Avant (8D5, B5)	03/99 - 09/00	ATX	140						550495 550502
	(8D2, B5)	10/96 - 11/00	ACK, ALG, AMX, APR, AQD	142	550109 550124	550222	550236			550495 550502
	Avant (8D5, B5)	10/96 - 09/01	ACK, ALG, AMX, APR, AQD	142	550109 550124	550222	550236			550495 550502
	Avant (8D5, B5)	10/00 - 09/01	--	280						550502
3.0	(8E2, B6)	04/01 - 12/04	BBJ	160	550109 550124	550027	550217	550491		
	(8EC, B7)	11/04 - 05/06	BBJ	160				550491		
	Avant (8E5, B6)	04/01 - 12/04	BBJ	160	550109 550124	550027	550217	550491		
	Avant (8ED, B7)	11/04 - 05/06	BBJ	160				550491		
	(8E2, B6)	11/00 - 12/04	ASN, AVK	162	550109 550124	550027		550491		
	Avant (8E5, B6)	09/01 - 12/04	ASN	162	550109 550124	550027	550217	550491		
	Convertible (8H7, B6, 8HE, B7)	04/02 - 12/05	ASN	162	550109 550124	550027	550217	550491		
3.0 quattro	(8E2, B6)	04/01 - 12/04	BBJ	160	550109 550124	550027	550217	550491		
	(8EC, B7)	11/04 - 07/06	BBJ	160				550491		
	Avant (8E5, B6)	04/01 - 12/04	BBJ	160	550109 550124	550027	550217	550491		
	Avant (8ED, B7)	11/04 - 07/06	BBJ	160				550491		
	(8E2, B6)	11/00 - 12/04	ASN, AVK	162	550109 550124	550027		550491		
	Avant (8E5, B6)	09/01 - 12/04	ASN, AVK	162	550109 550124	550027		550491		
	Convertible (8H7, B6, 8HE, B7)	05/03 - 12/05	ASN	162	550109 550124	550027	550217	550491		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AUDI

3.0 TDI quattro	(8EC, B7)	11/04 - 06/08	BKN	150	550361			550265		
	Avant (8ED, B7)	11/04 - 06/08	BKN	150	550361			550265		
	Convertible (8H7, B6, 8HE, B7)	01/06 - 03/09	BKN	150	550361			550265		
	(8EC, B7)	01/06 - 06/08	ASB	171	550361			550265		
	Avant (8ED, B7)	01/06 - 06/08	ASB	171	550361			550265		
	Convertible (8H7, B6, 8HE, B7)	01/06 - 03/09	ASB	171	550361			550265		
	(8K2, B8)	11/07 -	CAPA, CCWA	176				550265 550491		
	Avant (8K5, B8)	04/08 -	CAPA, CCWA	176				550265 550491		
3.2 FSI	(8EC, B7)	01/05 - 06/08	AUK	188	550104			550365 550491		
	Avant (8ED, B7)	01/05 - 06/08	AUK	188	550104			550365 550491		
	Convertible (8H7, B6, 8HE, B7)	01/06 - 03/09	AUK	188				550365 550491		
3.2 FSI quattro	(8EC, B7)	01/05 - 06/08	AUK, BKH	188	550104			550365 550491		
	Avant (8ED, B7)	01/05 - 06/08	AUK	188	550104			550365 550491		
	Convertible (8H7, B6, 8HE, B7)	01/06 - 03/09	AUK	188				550365 550491		
	(8K2, B8)	11/07 -	CALA	195				550365 550557		
	Avant (8K5, B8)	04/08 -	CALA	195				550365		
RS4 quattro	Avant (8D5, B5)	05/00 - 09/01	ASJ, AZR	280	550109	550222		550132 550491		550495 550502
	(8EC, B7)	09/05 - 06/08	BNS	309				550491		
	Avant (8ED, B7)	09/05 - 06/08	BNS	309				550491		
	Convertible (8H7, B6, 8HE, B7)	06/06 - 03/09	BNS	309				550491		
S4 quattro	(8D2, B5)	09/97 - 11/00	AGB	195	550109	550222	550236	550491		550495 550502
	Avant (8D5, B5)	09/97 - 09/01	AGB	195		550222	550236	550491		550495 550502
	(8K2, B8)	11/08 -	CAKA	245				550491 550557		
	(8E2, B6)	03/03 - 12/04	BBK	253		550027 550189		550491		
	(8EC, B7)	11/04 - 06/08	BBK, BHF	253				550491		
	Avant (8E5, B6)	03/03 - 12/04	BBK	253		550027 550189		550491		
	Avant (8ED, B7)	11/04 - 06/08	BBK	253				550491		
	Convertible (8H7, B6, 8HE, B7)	03/04 - 03/09	BBK	253		550027 550189		550491		

A4 Allroad 04/09 -

2.0 TDI quattro	(8KH, B8)	09/09 -	CAGB	100				550491		
	(8KH, B8)	09/09 -	CAGA	105				550491		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 TDI quattro	(8KH, B8)	04/09 -	CAHB	120					550491		
	(8KH, B8)	04/09 -	CAHA	125					550491		
2.0 TFSI quattro	(8KH, B8)	04/09 -	CDNC	155					550491		
3.0 TDI quattro	(8KH, B8)	04/09 -	CCWA	176					550491		

A5

06/07 -

1.8 TFSI	Convertible (8F7)	09/09 -	CDHB	118					550491		
	Sportback (8TA)	10/11 -	CJEB	125					550605		
2.0 TDI	Sportback (8TA)	09/09 -	CAGB	100					550491		
	Sportback (8TA)	09/09 -	CAGA, CMEA	105					550491		
	(8T3)	10/11 -	CGLC	130					550605		
	Sportback (8TA)	10/11 -	CGLC	130					550605		
2.0 TFSI	Convertible (8F7)	03/09 -	CDNC	155					550491		
2.0 TFSI quattro	Convertible (8F7)	03/09 -	CDNC	155					550491		
2.7 TDI	(8T3)	06/07 -	CAMA	140					550265		
3.0 TDI	(8T3)	10/11 -	CLAB	150					550605		
	Sportback (8TA)	10/11 -	CLAB	150					550605		
3.0 TDI quattro	(8T3)	06/07 -	CAPA	176					550265		
	(8T3)	10/11 -	CDUC	180					550605		
	Sportback (8TA)	10/11 -	CKVB	180					550605		
3.2 FSI	(8T3)	06/07 -	CALA	195					550365		
3.2 FSI quattro	(8T3)	06/07 -	CALA	195					550365 550557		
S5 quattro	Convertible (8F7)	06/09 -	CAKA	245					550491 550557		
	Sportback (8TA)	01/10 -	CAKA	245					550491		
	(8T3)	06/07 -	CAUA	260					550491 550557		

A6

06/94 -

1.8	(4B, C5)	05/97 - 01/05	AFY	85	550504						550495
	Avant (4B, C5)	02/98 - 01/05	AFY	85	550504						550495
	(4A, C4)	12/95 - 10/97	ADR	92		550222	550207 550236				550495
	(4B, C5)	07/97 - 01/05	AJP, ANQ, AQE, ARH	92	550109						550495 550502
	Avant (4A, C4)	12/95 - 12/97	ADR	92	550099	550222	550207 550236				550495
	Avant (4B, C5)	12/97 - 01/05	AJP, AQE, ARH	92	550109	550222	550207 550217 550236				550495 550502
1.8 quattro	(4A, C4)	12/95 - 10/97	ADR	92		550222	550207 550236				
	Avant (4A, C4)	12/95 - 12/97	ADR	92		550222	550207 550236				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AUDI

1.8 T	(4B, C5)	01/97 - 01/05	AEB, ANB, APU, ARK, AWL, AWT	110	550109 550372 550504			550132 550491		550495 550502
	Avant (4B, C5)	12/97 - 01/05	AEB, ANB, APU, ARK, AWT	110	550099 550372 550504	550222	550207 550216 550217 550236	550132 550491		550495 550502
	(4B, C5)	12/97 - 01/05	AJL	132	550504	550222	550207 550217 550236	550132		550495 550502
	Avant (4B, C5)	04/99 - 01/05	AJL	132	550504	550222	550207 550217 550236	550132		550495 550502
1.8 T quattro	(4B, C5)	02/97 - 01/05	AEB, ANB, APU, ARK, AWT	110	550372 550504	550222	550207 550216 550217 550236	550132 550491		550495 550502
	Avant (4B, C5)	12/97 - 01/05	AEB, ANB, APU, ARK, AWT	110	550372 550504	550222	550207 550216 550217 550236	550132 550491		550495 550502
	(4B, C5)	12/97 - 01/05	AJL	132	550504	550222	550207 550217 550236	550132		550495 550502
	Avant (4B, C5)	12/97 - 01/05	AJL	132	550504	550222	550207 550217 550236	550132		550495 550502
1.9 TDI	Avant (4A, C4)	06/94 - 12/97	1Z, AHU	66	550099					
	(4B, C5)	04/97 - 10/00	AFN, AVG	81				550132		550502
	Avant (4B, C5)	02/98 - 04/01	AFN, AVG	81				550132		550502
	(4B, C5)	07/00 - 01/05	AJM	85				550132		
	Avant (4B, C5)	07/00 - 01/05	AJM	85				550132		
	(4B, C5)	08/01 - 01/05	AVF, AWX	96				550265		
	Avant (4B, C5)	08/01 - 01/05	AVF, AWX	96				550265		
2.0	(4A, C4)	06/94 - 10/97	ABK	85			550207 550236			
	Avant (4A, C4)	06/94 - 12/97	ABK	85	550099		550207 550236			
	(4B, C5)	08/01 - 01/05	ALT	96	550372	550222	550216 550217			
	Avant (4B, C5)	08/01 - 01/05	ALT	96	550372	550222	550216 550217			
2.0 16V	(4A, C4)	06/94 - 10/97	ACE	103			550207 550236			
	Avant (4A, C4)	06/94 - 12/97	ACE	103		550222	550207 550236			
2.0 16V quattro	(4A, C4)	06/94 - 10/97	ACE	103		550222	550207 550236			
	Avant (4A, C4)	06/94 - 12/97	ACE	103		550222	550207 550236			
2.0 TDI	(4F2, C6)	09/05 - 06/06	BVG	89				550265		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 TDI	Avant (4F5, C6)	09/05 - 06/06	BVG	89					550265		
	(4F2, C6)	07/04 - 03/11	BNA, BRF	100					550265		
	(4F2, C6)	07/04 - 10/08	BLB, BRE	103	550119				550265		
	Avant (4F5, C6)	06/05 - 10/08	BLB, BRE	103	550119				550265		
	(4G2, C7)	03/11 -	CGLD	120					550605		
	(4G2, C7)	03/11 -	CGLC	130					550605		
2.0 TFSI	(4F2, C6)	06/05 - 03/11	BPJ	125		550027			550263 550491		
	Avant (4F5, C6)	06/05 - 08/11	BPJ	125		550027			550263 550491		
2.0 TFSI hybrid	(4G2, C7)	11/11 -	CHJA	155					550605		
2.3	(4A, C4)	06/94 - 12/95	AAR	98			550207				
	Avant (4A, C4)	06/94 - 12/95	AAR	98	550099		550207				
2.3 quattro	(4A, C4)	06/94 - 12/95	AAR	98			550207 550236				
	Avant (4A, C4)	06/94 - 12/95	AAR	98			550207				
2.4	(4B, C5)	07/98 - 01/05	ALW, ARN, ASM	100	550109 550124	550222	550217 550236	550491			550495 550502
	Avant (4B, C5)	07/98 - 01/05	ALW, ARN, ASM	100	550109 550124	550222	550217 550236	550491			550495 550502
	(4A, C4)	07/95 - 06/96	AFM	110	550445						
	(4B, C5)	02/97 - 01/05	APC	115	550109 550124	550222	550236	550491			550495
	Avant (4B, C5)	12/97 - 01/05	APC	115	550109 550124	550222	550236	550491			550495
	(4B, C5)	02/97 - 01/05	AJG, AMM, APZ	120	550109 550124	550222	550217 550236	550491			550495
	Avant (4B, C5)	12/97 - 01/05	AJG, AMM, APZ	120	550109 550124	550222	550217 550236	550491			550495
	(4B, C5)	02/97 - 01/05	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236	550491			550495 550502
	Avant (4B, C5)	12/97 - 01/05	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236	550491			550495 550502
	(4B, C5)	08/01 - 01/05	BDV	125	550109 550124	550222	550217	550491			550495
	Avant (4B, C5)	08/01 - 01/05	BDV	125	550109 550124	550222	550217	550491			550495
	(4F2, C6)	05/04 - 10/08	BDW	130					550491		
	Avant (4F5, C6)	03/05 - 10/08	BDW	130					550365 550491		
2.4 quattro	(4B, C5)	08/98 - 07/99	APC	115	550109 550124	550222	550236	550491			550495
	Avant (4B, C5)	08/98 - 05/01	APC	115	550109 550124	550222	550236	550491			550495
	(4B, C5)	02/97 - 01/05	AJG, APZ	120	550109 550124	550222	550236	550491			550495
	Avant (4B, C5)	12/97 - 01/05	AJG, APZ	120	550109 550124	550222	550236	550491			550495

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AUDI

2.4 quattro	(4B, C5)	02/97 - 01/05	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236	550491		550495 550502
	Avant (4B, C5)	12/97 - 01/05	AGA, ALF, AML, APS, ARJ	121	550109 550124	550222	550236	550491		550495 550502
	(4B, C5)	08/01 - 01/05	BDV	125	550109 550124	550222	550217	550491		550495
	Avant (4B, C5)	08/01 - 01/05	BDV	125	550109 550124	550222	550217	550491		550495
	(4F2, C6)	01/05 - 10/08	BDW	130				550365		
	Avant (4F5, C6)	03/05 - 10/08	BDW	130				550365		
2.5 TDI	(4A, C4)	01/95 - 10/97	AAT	84	550445					
	Avant (4A, C4)	01/95 - 12/97	AAT	84	550445					
	(4A, C4)	06/94 - 10/97	AAT	85	550445					
	Avant (4A, C4)	06/94 - 12/97	AAT	85	550445					
	(4A, C4)	08/94 - 10/97	AEL	103	550445					
	Avant (4A, C4)	08/94 - 12/97	AEL	103	550445					
	(4B, C5)	07/97 - 01/05	AFB, AKN	110	550372					550502
	Avant (4B, C5)	12/97 - 01/05	AFB, AKN	110	550372					550502
	(4B, C5)	08/01 - 01/05	AYM	114	550372					
	Avant (4B, C5)	08/01 - 01/05	AYM	114	550372					
	(4B, C5)	07/02 - 01/05	BCZ, BDG, BFC	120	550372					
	Avant (4B, C5)	07/02 - 01/05	BCZ, BDG, BFC	120	550372					
	(4B, C5)	02/00 - 01/05	AKE, BAU, BDH, BND	132	550372					550502
	Avant (4B, C5)	02/00 - 01/05	AKE, BAU, BDH	132	550372					550502
2.5 TDI quattro	(4A, C4)	10/95 - 10/97	AEL	103	550445					
	Avant (4A, C4)	07/95 - 12/97	AEL	103	550445					
	(4B, C5)	07/97 - 01/05	AFB, AKN	110	550372					550502
	Avant (4B, C5)	12/97 - 01/05	AFB, AKN	110	550372					550502
	(4B, C5)	02/00 - 01/05	AKE, BAU, BDH	132	550372					550502
	Avant (4B, C5)	02/00 - 01/05	AKE, BAU, BDH	132	550372					550502
2.6	(4A, C4)	06/94 - 10/97	ACZ	102	550445					
	Avant (4A, C4)	06/94 - 02/97	ACZ	102	550445					
	(4A, C4)	06/94 - 10/97	ABC	110	550445	550243	550236			
	Avant (4A, C4)	06/94 - 12/97	ABC	110	550445	550243	550236			
2.6 quattro	(4A, C4)	06/94 - 10/97	ABC	110	550445	550243	550236			
	Avant (4A, C4)	06/94 - 12/97	ABC	110	550445	550243	550236			
2.7	(4B, C5)	05/01 - 07/04	APB	187						550502
2.7 quattro	(4B, C5)	05/01 - 07/04	APB	187						550502
	(4B, C5)	11/03 - 07/04	BEL	195						550502
2.7 T	(4B, C5)	02/99 - 01/05	AJK	169	550109 550372	550222	550236	550491		550495 550502
	Avant (4B, C5)	02/99 - 01/05	AJK	169	550109 550372	550222	550236	550491		550495 550502

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.7 T quattro	(4B, C5)	12/97 - 01/05	AJK	169	550109 550372	550222	550236	550491		550495 550502
	Avant (4B, C5)	12/97 - 01/05	AJK, AZA	169	550109 550372	550222	550236	550491		550495 550502
	(4B, C5)	08/01 - 01/05	ARE, BES	184	550109	550222	550217	550491		550495
	Avant (4B, C5)	08/01 - 01/05	ARE, BES	184	550109	550222	550217	550491		550495
2.7 TDI	(4F2, C6)	11/04 - 03/11	BSG	120	550361			550606		
	Avant (4F5, C6)	03/05 - 08/11	BSG	120	550361			550606		
	(4F2, C6)	11/04 - 10/08	BPP	132	550361			550606		
	Avant (4F5, C6)	03/05 - 10/08	BPP	132	550361			550606		
2.7 TDI quattro	(4F2, C6)	06/05 - 03/11	BSG	120	550361			550606		
	Avant (4F5, C6)	06/05 - 08/11	BSG	120	550361			550491 550606		
	(4F2, C6)	11/04 - 10/08	BPP	132	550361			550606		
	Avant (4F5, C6)	03/05 - 10/08	BPP	132	550361			550606		
	Avant (4F5, C6)	10/08 - 08/11	CANC	140				550491		
2.8	(4A, C4)	06/94 - 10/97	AAH, AEJ, AFC	128	550445					
	Avant (4A, C4)	06/94 - 12/97	AAH, AEJ	128	550445					
	(4B, C5)	10/97 - 05/00	AGE	132	550109 550124	550222	550236	550491		550495
	Avant (4B, C5)	12/97 - 05/00	AGE	132	550109 550124	550222	550236	550491		550495
	(4B, C5)	07/99 - 01/05	ATX, BBG	140	550109 550124			550491		550495
	Avant (4B, C5)	07/99 - 01/05	ATX	140	550109 550124	550222		550491		550495
	(4A, C4)	12/95 - 10/97	ACK	142		550222	550236			
	(4B, C5)	02/97 - 01/05	ACK, ALG, AMX, APR, AQR	142	550124	550222	550236	550491		550495 550502
	Avant (4A, C4)	12/95 - 12/97	ACK	142		550222	550236			
	Avant (4B, C5)	12/97 - 01/05	ACK, ALG, AMX, APR, AQR	142	550109 550124	550222	550236	550491		550495 550502
2.8 24V	(4B, C5)	05/97 - 07/99	--	142						550502
2.8 FSI	(4F2, C6)	10/08 - 03/11	CCDA	140				550365		
	(4G2, C7)	03/11 -	CHVA	150				550605		
	(4F2, C6)	11/06 - 10/08	BDX	154				550365 550491		
	Avant (4F5, C6)	11/06 - 10/08	BDX	154				550365 550491		
	(4F2, C6)	10/08 - 03/11	CCEA	162				550365		
2.8 FSI quattro	(4G2, C7)	03/11 -	CHVA	150				550605		
	Avant (4F5, C6)	06/07 - 10/08	BDX	154				550365		
2.8 quattro	(4A, C4)	06/94 - 10/97	AAH, AEJ	128	550445					
	Avant (4A, C4)	06/94 - 12/97	AAH, AEJ	128	550445					
	(4B, C5)	01/98 - 04/00	AGE	132				550491		550495 550502

AUDI

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.8 quattro	(4B, C5)	07/99 - 05/01	ATX	140				550491		550495 550502	
	(4A, C4)	12/95 - 10/97	ACK	142		550222	550236				
	(4B, C5)	02/97 - 01/05	ACK, ALG, AMX, APR, AOD	142	550124	550222	550236	550491		550495 550502	
	Avant (4A, C4)	12/95 - 12/97	ACK	142		550222					
	Avant (4B, C5)	12/97 - 01/05	ACK, ALG, AMX, APR, AOD	142	550109 550124	550222	550236	550491		550495 550502	
3.0	Avant (4F5, C6)	03/05 - 05/06	BBJ	160				550491			
	(4B, C5)	08/01 - 01/05	ASN	162	550109 550124	550027 550222	550217	550491			
	Avant (4B, C5)	08/01 - 01/05	ASN	162	550109 550124	550027	550217	550491			
3.0 quattro	(4B, C5)	06/01 - 07/04	BBJ	160				550491			
	(4B, C5)	08/01 - 01/05	ASN	162	550109 550124	550027 550222	550217	550491			
	Avant (4B, C5)	08/01 - 01/05	ASN	162	550109 550124	550027 550222	550217	550491			
3.0 TDI	(4G2, C7)	11/10 -	CLAB	150				550605			
3.0 TDI quattro	(4G2, C7)	03/11 -	CLAA	150				550605			
	(4F2, C6)	05/04 - 03/11	BNG	155	550361			550491 550606			
	Avant (4F5, C6)	03/05 - 08/11	BNG	155	550361			550491 550606			
	(4F2, C6)	05/04 - 05/06	BMK	165	550361			550606			
	Avant (4F5, C6)	03/05 - 05/06	BMK	165	550361			550606			
	(4F2, C6)	06/06 - 10/08	ASB	171	550361			550606			
	Avant (4F5, C6)	06/06 - 10/08	ASB	171	550361			550606			
	Avant (4F5, C6)	10/08 - 08/11	CDYA, CDYC	176				550491			
	(4G2, C7)	03/11 -	CKVB	180				550605			
	Avant (4G5, C7)	05/11 -	CDUC, CKVB	180				550605			
	(4G2, C7)	11/11 -	CGQB	230				550605			
	Avant (4G5, C7)	11/11 -	CGQB	230				550605			
	3.0 TFSI quattro	(4F2, C6)	10/08 - 03/11	CAJA	213				550365 550557		
		Avant (4F5, C6)	10/08 - 08/11	CAJA	213				550491 550557		
(4F2, C6)		10/08 - 03/11	CCAA	220				550557			
(4G2, C7)		11/10 -	CGWB	220				550605			
Avant (4F5, C6)		10/08 - 08/11	CCAA	220				550557			
Avant (4G5, C7)		05/11 -	CGWB	220				550605			
(4G2, C7)		03/11 -	CGWD, CGXB, CTUA	228				550605			
Avant (4G5, C7)		11/11 -	CGWD	228				550605			
3.2 FSI	(4F2, C6)	05/04 - 05/09	AUK	188				550365 550491 550557			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.2 FSI	Avant (4F5, C6)	03/05 - 10/08	AUK	188	550104			550365 550491		
	(4F2, C6)	05/09 - 03/11	CALA	195				550557		
3.2 FSI quattro	(4F2, C6)	05/04 - 10/08	AUK, BKH	188				550365 550557		
	Avant (4F5, C6)	03/05 - 10/08	AUK	188	550104			550365 550491		
3.7	(4B, C5)	03/99 - 01/05	AQG	191			550207			550502
	Avant (4B, C5)	03/99 - 01/05	AQG	191						550502
3.7 quattro	(4B, C5)	03/99 - 01/05	AQG	191			550207			550502
	Avant (4B, C5)	03/99 - 01/05	AQG	191						550502
4.2 FSI quattro	(4F2, C6)	06/06 - 03/11	BVJ	257				550491 550557		
	Avant (4F5, C6)	06/06 - 08/11	BVJ	257				550491		
4.2 quattro	(4B, C5)	11/98 - 01/05	ARS, ASG, AWN	220				550491		550502
	Avant (4B, C5)	11/98 - 01/05	ARS, ASG, AWN	220		550222				550502
	(4F2, C6)	05/04 - 05/06	BAT	246		550027				
	Avant (4F5, C6)	03/05 - 05/06	BAT	246		550027				
RS6 plus quattro	Avant (4B, C5)	04/04 - 01/05	BRV	353		550222	550207			
RS6 quattro	(4B, C5)	07/02 - 01/05	BCY	331		550222	550207	550132		
	Avant (4B, C5)	07/02 - 01/05	BCY	331		550222		550132		
	(4F2, C6)	09/08 - 08/10	BUH	426				550606		
	Avant (4F5, C6)	04/08 - 08/10	BUH	426				550606		
S6 4.2 quattro	(4A, C4)	06/94 - 10/97	AEC	213	550445					
	Avant (4A, C4)	06/94 - 12/97	AEC	213	550445					
S6 Plus quattro	(4A, C4)	04/96 - 10/97	AHK	240		550222				
	Avant (4A, C4)	04/96 - 12/97	AHK	240		550222	550207			
S6 quattro	(4B, C5)	09/99 - 01/05	ANK, AQJ	250		550222	550207			550502
	Avant (4B, C5)	09/99 - 01/05	ANK, AQJ	250		550222				550502
	(4G2, C7)	02/12 -	CEUC	309				550605		
	Avant (4G5, C7)	02/12 -	CEUC	309				550605		
	(4F2, C6)	03/06 - 03/11	BXA	320				550491 550557		
	Avant (4F5, C6)	03/06 - 08/11	BXA	320				550491		
S6 Turbo quattro	(4A, C4)	06/94 - 10/97	AAN	169	550445		550207 550236			
	Avant (4A, C4)	06/94 - 12/97	AAN	169	550445		550207 550236			

A6 Allroad**05/06 -**

2.7 TDI quattro	(4FH, C6)	05/06 -	BSG	120				550491 550606		
	(4FH, C6)	05/06 -	BPP	132				550491 550606		
	(4FH, C6)	10/08 -	CANC	140				550491		

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.0 TDI quattro	(4FH, C6)	05/06 -	BNG	155				550491		
	(4FH, C6)	05/06 -	ASB	171				550491		
	(4FH, C6)	10/08 -	CDYA	176				550491		
3.0 TFSI quattro	(4FH, C6)	10/08 -	CAJA	213				550491		
3.2 FSI quattro	(4FH, C6)	05/06 -	AUK	188				550365		
								550491		
4.2 FSI quattro	(4FH, C6)	05/06 -	BVJ	257				550365		
								550491		

A8 03/94 -

2.5 TDI	(4D2, 4D8)	01/97 - 04/00	AFB, AKN	110	550372					
	(4D2, 4D8)	09/00 - 09/02	AKE	132	550372					
2.5 TDI quattro	(4D2, 4D8)	07/97 - 04/00	AFB, AKN	110	550372					
	(4D2, 4D8)	09/00 - 09/02	AKE	132	550372					
2.8	(4D2, 4D8)	07/95 - 03/96	AEJ	120	550445	550243	550236			
	(4D2, 4D8)	03/94 - 03/96	AAH	128	550445	550243	550236			
	(4D2, 4D8)	04/96 - 09/02	ACK, ALG, AMX, APR, AQD	142	550109	550222	550236	550491		550495
					550372					
2.8 FSI	(4E_)	08/07 - 07/10	BDX	154				550365		
2.8 quattro	(4D2, 4D8)	07/95 - 03/96	AEJ	120	550445	550243	550236			
	(4D2, 4D8)	03/94 - 03/96	AAH	128	550445	550243	550236			
	(4D2, 4D8)	04/96 - 09/02	ACK, AMX, APR, AQD	142	550109	550222	550236	550491		550495
					550372					
3.0	(4E_)	07/03 - 07/10	BBJ	160	550124	550027	550217	550491		
	(4E_)	08/03 - 07/10	ASN	162	550124	550027	550217	550491		
3.0 TDI	(4H_)	09/11 -	CLAB	150				550605		
3.0 TDI quattro	(4E_)	11/03 - 07/10	BNG	155	550361			550606		
	(4H_)	08/10 -	CDTB	155				550605		
	(4E_)	08/03 - 07/10	ASB	171	550361			550606		
	(4H_)	07/10 -	CDTA	184				550605		
3.2 FSI	(4E_)	06/05 - 07/10	BPK	191				550365		
3.2 FSI quattro	(4E_)	06/05 - 07/10	BPK	191				550365		
3.7	(4D2, 4D8)	07/95 - 12/98	AEW	169		550222	550207			
	(4D2, 4D8)	11/98 - 09/02	AKC, AQG	191		550222	550207			
3.7 quattro	(4D2, 4D8)	07/95 - 11/98	AEW, AKJ	169		550222	550207			
	(4D2, 4D8)	11/98 - 09/02	AKC, AQG	191		550222	550207			
	(4E_)	10/02 - 07/10	BFL	206		550222				
4.0 TDI quattro	(4E_)	03/03 - 07/10	ASE	202				550606		
4.2 FSI quattro	(4E_)	06/06 - 07/10	BVJ	257				550491		
	(4H_)	11/09 -	CDRA	273				550557		
								550605		
4.2 quattro	(4D2, 4D8)	02/99 - 04/00	ARU	175			550207			
	(4D2, 4D8)	03/94 - 07/96	AEM	180		550222				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

4.2 quattro	(4D2, 4D8)	03/94 - 11/98	ABZ, AKG	220		550222				
	(4D2, 4D8)	11/98 - 09/02	AQF, AUW, AUX	228			550207			
	(4E_)	10/02 - 07/10	BFM	246		550222				
4.2 TDI quattro	(4E_)	07/05 - 07/10	BVN	240				550265		
	(4H_)	11/09 -	CDSB	258				550605		
6.3 W12 quattro	(4H_)	01/11 -	CEJA	368				550605		
S 8 quattro	(4D2, 4D8)	07/96 - 06/99	AHC, AKH	250		550222	550207			
	(4D2, 4D8)	06/99 - 09/02	AQH, AVP	265		550222	550207			
S8 quattro	(4E_)	06/06 - 07/10	BSM	331					550491	

ALLROAD

05/00 - 08/05

2.5 TDI quattro	(4BH, C5)	05/03 - 08/05	BCZ	120	550372				550491	
	(4BH, C5)	05/00 - 08/05	AKE, BAU	132	550372				550491	
2.7 T quattro	(4BH, C5)	05/00 - 08/05	ARE, BES	184	550109	550222	550217	550491		550495
4.2 V8 quattro	(4BH, C5)	07/02 - 08/05	BAS	220		550027			550491	

CABRIOLET

05/91 - 08/00

1.8	(8G7, B4)	01/97 - 08/00	ADR	92		550222	550207			550495
							550236			550502
1.9 TDI	(8G7, B4)	06/95 - 08/00	1Z, AHU	66						550502
2.0 16V	(8G7, B4)	06/95 - 07/96	ACE	103	550445		550207			550502
2.0 E	(8G7, B4)	01/93 - 07/98	ABK	85		550243	550207			550502
							550236			
2.3 E	(8G7, B4)	05/91 - 07/94	NG	98			550207			550502
							550236			
2.6	(8G7, B4)	05/95 - 08/00	ACZ	102	550445					550502
	(8G7, B4)	06/93 - 08/00	ABC	110	550445	550243	550207			550502
							550236			
2.8	(8G7, B4)	11/92 - 08/00	AAH	128	550099	550243	550207			550502
					550445		550236			

COUPE

07/80 - 12/96

1.8 GT	(81, 85)	04/86 - 10/88	SF	65			550207			
	(81, 85)	01/85 - 07/88	JN	68			550207			
	(81, 85)	08/86 - 10/87	PV	79			550207			
2.0	(89, 8B)	03/90 - 07/90	3A	82			550236			
	(81, 85)	03/86 - 04/88	SK	83			550207			
	(89, 8B)	05/89 - 03/90	3A	83			550236			
	(89, 8B)	05/89 - 12/96	AAD, ABK	85			550207			
							550236			
2.0 16 V	(89, 8B)	01/92 - 07/92	6A	101			550207			
	(89, 8B)	08/92 - 12/96	ACE	103			550207			
2.0 20 V	(89, 8B)	08/89 - 07/91	NM	118	550445					
2.0 20 V quattro	(89, 8B)	08/89 - 07/91	NM	118	550445					
2.2 GT	(81, 85)	07/81 - 10/87	KX	85			550207			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AUDI

2.3	(89, 8B)	03/90 - 12/96	NG	98			550207 550236			
	(81, 85)	01/87 - 10/88	NG	100			550207			
	(89, 8B)	10/88 - 07/94	NG	100			550207 550236			
2.3 20V	(89, 8B)	08/90 - 07/91	7A	123	550445					
	(89, 8B)	08/89 - 07/91	7A	125	550445					
2.3 20V quattro	(89, 8B)	05/90 - 12/96	7A	123	550445		550207			
	(89, 8B)	11/88 - 07/91	7A	125	550445					
2.3 quattro	(89, 8B)	05/90 - 12/96	NG	98			550207 550236			
	(81, 85)	01/87 - 10/88	NG	100			550207			
	(89, 8B)	11/88 - 12/92	NG	100			550207 550236			
2.6	(89, 8B)	08/92 - 12/96	ABC	110	550445	550243	550236			
2.6 quattro	(89, 8B)	08/92 - 12/96	ABC	110	550445	550243	550207 550236			
2.8	(89, 8B)	09/91 - 12/96	AAH	128	550099 550445	550243	550236			
2.8 quattro	(89, 8B)	08/91 - 12/96	AAH	128	550445	550243	550236			
S2 quattro	(89, 8B)	09/90 - 09/92	3B	162	550445					
	(89, 8B)	10/92 - 12/96	ABY	169	550445		550207 550236			

Q3 06/11 -

2.0 TFSI quattro		06/11 -	CCZC	125			550605			
		06/11 -	CPSA	155			550605			

Q5 11/08 -

3.2 FSI quattro	(8R)	11/08 -	CALB	199			550365 550557			
-----------------	------	---------	------	-----	--	--	------------------	--	--	--

Q7 03/06 -

3.0 TDI	(4L)	05/10 -	CJGC, CJMA	150			550605			
	(4L)	03/06 - 05/10	BUN	155			550265 550491			
	(4L)	03/06 - 05/08	BUG	171			550265 550491			
	(4L)	11/07 -	CASA	176			550265 550605			
	(4L)	05/11 -	CJGD, CLZB, CRCA	180			550605			
3.0 TFSI	(4L)	05/10 -	CJTC, CJWC	200			550557			
	(4L)	05/10 -	CJTB, CJWB, CNAA	245			550557			
3.6 FSI	(4L)	08/06 - 05/10	BHK	206	550505	550120	550491			
4.2 FSI	(4L)	03/06 - 05/10	BAR	257			550491			
4.2 TDI	(4L)	03/07 - 06/09	BTR	240			550265			
	(4L)	05/09 -	CCFA	250			550491			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

6.0 TDI	(4L)	09/08 -	CCGA	368					550491		
QUATTRO		07/80 - 07/91									
2.1 20V Turbo	(85)	05/84 - 07/87	KW	225					550207		
2.1 Turbo	(85)	07/80 - 07/87	GV, WR	147					550207		
2.2 20V	(85)	08/89 - 07/91	RR	162					550207 550236		
2.2 Turbo	(85)	08/87 - 07/89	1B, MB	147					550207		
R8		04/07 -									
4.2 FSI quattro		04/07 - 09/10	BYH	309					550491		
5.2 FSI quattro		04/09 - 05/12	BUJ	386					550491		
	Spyder	02/10 - 05/12	BUJ	386					550491		
TT		10/98 -									
1.8 T	(8N3)	09/02 - 06/06	AUM	110					550222 550106 550132 550601 550263		550495
	Roadster (8N9)	01/01 - 06/06	AUM	110	550123	550222	550106	550132 550263			550495
	(8N3)	09/05 - 06/06	BVP	120				550222		550263	550495
	Roadster (8N9)	09/05 - 06/06	BVP	120				550222		550263	550495
	(8N3)	10/98 - 06/06	AJQ, APP, ARY, ATC, AUQ, AWP	132	550109		550106 550601 550263 550602	550132 550263			550495
	Roadster (8N9)	10/99 - 06/06	AJQ, APP, ATC, AUQ, AWP	132	550109 550123		550106 550602	550132 550263			550495
	(8N3)	09/05 - 06/06	BVR	140				550222		550263	550495
	Roadster (8N9)	09/05 - 06/06	BVR	140				550222		550263	550495
	(8N3)	10/98 - 06/06	AJQ, ARY, ATC, AWP	132	550109		550106 550601 550263 550602	550132 550263			550495
1.8 T quattro	(8N3)	10/98 - 06/06	AJQ, ARY, ATC, AWP	132			550106 550601 550263 550602	550132 550263			550495
	Roadster (8N9)	02/00 - 06/06	AJQ, ARY, ATC, AWP	132	550109 550123		550106 550602	550132 550263			550495
	(8N3)	09/05 - 06/06	BVR	140				550222		550263	550495
	Roadster (8N9)	09/05 - 06/06	BVR	140				550222			550495
	(8N3)	10/98 - 06/06	AMU, APX, BAM	165	550109 550124		550106 550601 550263	550132 550263			550495
	Roadster (8N9)	10/99 - 06/06	AMU, APX, BAM	165	550109 550123 550124		550106	550132 550263			550495
2.0 TFSI	(8J3)	08/06 - 06/10	BWA	147					550263		
	Roadster (8J9)	03/07 - 06/10	BWA	147					550263		
3.2 V6 quattro	(8J3)	08/06 - 06/10	BUB	184					550120		
	Roadster (8J9)	03/07 - 06/10	BUB	184					550120		
3.2 VR6 quattro	(8N3)	07/03 - 06/06	BHE	184					550106		
	Roadster (8N9)	07/03 - 06/06	BHE	184					550106		

AUDI

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

V8 10/88 - 02/94

3.6 quattro	(44_, 4C_)	04/93 - 02/94	PT	180						550207
	(44_, 4C_)	10/88 - 02/94	PT	184						550207
4.2 quattro	(44_, 4C_)	10/91 - 02/94	ABH	206						550207

BENTLEY

CONTINENTAL 10/91 - 12/03

6.75 V8 S		05/94 - 12/95	L 410 M1T	286		550280					550587
-----------	--	---------------	-----------	-----	--	--------	--	--	--	--	--------

BMW

1 09/04 -

116d	(E8, E87)	03/09 -	N47 D20 A	85							550586
116i	(E8, E87)	09/04 -	N45 B16 A	85	550272	550456 550506					550586
	(E8, E87)	09/07 -	N45 B16 TU2	90							550586
	(E8, E87)	01/09 -	N43 B20 A	90		550604					550586
118d	(E8, E87)	09/04 -	M47N 204 D4	90		550507					550586
	(E8, E87)	04/07 -	N47 D20 A	105							550586
	Convertible (E88)	09/08 -	N47 D20 A	105							550586
	Coupe (E82)	09/09 -	N47 D20 C	105							550586
118i	(E8, E87)	09/04 -	N42 B20 B	95	550272	550456 550506					550586
	(E8, E87)	04/07 -	N43 B20 A	105		550604					550586
	Convertible (E88)	03/08 -	N43 B20 A	105		550604					550586
120d	(E8, E87)	09/04 -	M47N 204 D4	120		550507					550586
	(E8, E87)	03/07 -	N47 D20 A	130							550586
	Convertible (E88)	03/08 -	N47 D20 A	130							550586
	Coupe (E82)	10/07 -	N47 D20 C	130							550586
120i	(E8, E87)	09/04 -	N42 B20 A	110	550272	550456					550586
	(E8, E87)	03/07 -	N43 B20 A	115							550586
	Convertible (E88)	03/08 -	N43 B20 A	120		550604					
	(E8, E87)	04/07 -	N43 B20 A	125		550604					550586
	Convertible (E88)	03/08 -	N43 B20 A	125		550604					550586
	Coupe (E82)	09/09 -	N43 B20 A	125		550604					550586
123d	(E8, E87)	10/07 -	N47 D20 B	150							550586
	Convertible (E88)	09/08 -	N47 D20 B	150							550586
	Coupe (E82)	10/07 -	N47 D20 B	150							550586
125i	Convertible (E88)	03/08 -	N52 B30 A	160	550470 550603	550604					550586
	Coupe (E82)	10/07 -	N53 B30 A	160	550470 550603	550604					550586
130i	(E8, E87)	03/05 -	N52 B30 A	190	550603	550604					550586
	(E8, E87)	09/05 -	N52 B30 A	195	550470 550603	550604					550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

BENTLEY



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

135i	Convertible (E88)	03/08 -	N54 B30 A	225	550470 550603	550604		550600		550586
	Coupe (E82)	10/07 -	N54 B30 A	225	550470 550603	550604		550600		550586

3 09/82 -

2.0 TD	Compact (E46)	10/01 - 12/02	M47 204 D1	100						550586
316 Ci	Coupe (E46)	04/00 -	M43 B16 (16 4 E3)	77	550214 550272	550456 550506				550586
	Coupe (E46)	06/02 -	N45 B16 A	85	550272	550456 550506				550586
316 i	Touring (E0)	09/91 - 06/94	M40 B16 (Kat.)	73	550444					
	(E6)	07/93 - 02/98	M43 B16	75	550457					
	Compact (E6)	03/94 - 08/00	M43 B16	75	550457					
	Coupe (E6)	09/93 - 04/99	M43 B16	75	550457					
	Touring (E0)	09/91 - 06/94	M40 B16	75	550444					
	Touring (E6)	01/96 - 10/99	M43 B16	75	550457					
	(E46)	09/98 - 02/05	M43 164 E3, M43 B19 TU	77	550214 550272	550456 550506	550213			550586
	(E46)	04/00 - 02/05	M43 B16 (16 4 E3)	77	550214 550272	550456 550506	550213			550586
	Compact (E6)	12/98 - 08/00	M43 164 E3	77	550214 550272	550456 550506	550213			
	(E46)	02/02 - 02/05	N42 B18	85	550272	550456 550506	550213			550586
	(E46)	06/02 - 02/05	N45 B16 A	85	550272	550456 550506				550586
	Touring (E46)	03/02 - 02/05	N42 B18	85	550272	550456 550506	550213			550586
	Touring (E46)	06/02 - 02/05	N45 B16 A	85		550456				550586
316 ti	Compact (E46)	06/02 - 02/05	--	77		550506				550586
	Compact (E46)	06/01 - 02/05	N42 B18	85	550272	550456 550506	550213			550586
	Compact (E46)	06/02 - 02/05	N45 B16 A	85		550506				550586
316d	(E90)	07/09 -	N47 D20 C	85						550586
316i	(E90)	02/06 -	N45 B16 A	85		550506				550586
	(E90)	09/07 -	N43 B16 A	90		550604				550586
	Touring (E91)	09/07 -	N43 B16 A	90						550586
318 Ci	Coupe (E46)	11/99 - 09/01	M43 B19	87	550272	550456 550506				550586
	Convertible (E46)	09/01 -	N42 B20	105	550272	550456 550506	550213			550586
	Coupe (E46)	09/01 -	N42 B20, N46 B20	105	550272	550456 550506				550586
	Convertible (E46)	02/05 -	N46 B20 B	110	550272	550506				550586
	Coupe (E46)	03/05 -	N46 B20 A	110	550272	550456				550586
318 d	(E46)	09/01 - 03/03	M47 204 D1	85	550503					550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

318 d	(E46)	03/03 - 02/05	M47N 204 D4	85						550586
	Touring (E46)	03/02 - 02/05	M47 204 D1	85	550503					550586
	Touring (E46)	03/03 - 02/05	M47N 204 D4	85						550586
318 i	(E0)	09/87 - 06/91	M40 B18	83	550444					
	Convertible (E0)	09/90 - 10/93	M40 B18	83	550444					
	Touring (E0)	04/89 - 06/94	M40 B18	83	550444					
	(E6)	10/93 - 02/98	M43 B18	85	550457					
	Convertible (E6)	01/94 - 04/99	M43 B18	85	550457					
	Touring (E6)	07/95 - 10/99	M43 B18	85	550457					
	(E46)	02/98 - 09/01	M43 B19	87	550214 550272	550456 550506	550213			550586
	Touring (E46)	10/99 - 09/01	M43 B19	87	550214 550272	550456 550506	550213			550586
	(E46)	09/01 - 02/05	N42 B20, N46 B20	105	550272	550456 550506	550213			550586
	Touring (E46)	09/01 - 02/05	N42 B20	105	550272	550456 550506	550213			550586
318 is	(E6)	03/93 - 02/98	M42 B18	103	550457					
	(E6)	09/95 - 02/98	M44 B19	103						550500
	Coupe (E6)	03/92 - 10/95	M42 B18	103	550457					
	Coupe (E6)	09/95 - 04/99	M44 B19	103						550500
318 td	Compact (E46)	03/03 - 02/05	M47N 204 D4	85						550586
318 tds	(E6)	01/95 - 02/98	M41 D18 (Inter.)	66	550503					550500
	Compact (E6)	01/95 - 08/00	M41 D18 (Inter.)	66	550503					
	Touring (E6)	01/95 - 10/99	M41 D18 (Inter.)	66	550503					550500
318 ti	Compact (E6)	11/94 - 08/95	M42 B18	103	550457					
	Compact (E6)	07/95 - 08/00	M44 B19	103						550500 550587
	Compact (E46)	09/01 - 02/05	N42 B20	105	550272	550456 550506	550213			550586
318d	(E90)	09/05 -	M47N 204 D4	90		550507				550586
	Touring (E91)	09/05 -	M47N 204 D4	90		550507				550586
	(E90)	09/05 -	N47 D20 A	105						550586
	Touring (E91)	09/07 -	N47 D20 A	105						550586
318i	(E90)	09/05 - 03/07	N46 B20 B	95	550272	550456 550506				550586
	Touring (E91)	01/06 -	N46 B20 B	95	550272	550506				550586
	(E90)	09/07 -	N43 B20 A	105		550604				550586
	Touring (E91)	09/07 -	N43 B20 A	105		550604				550586
320 Cd	Convertible (E46)	02/05 -	M47N 204 D4	110						550586
	Coupe (E46)	11/03 -	M47N 204 D4	110						550586
320 Ci	Coupe (E46)	08/99 - 09/00	M52 B(20 6 S4)	110	550214 550272	550450 550506	550213			550500 550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

320 Ci	Convertible (E46)	09/00 -	M54 226 S1, M54 B22	125	550214	550450	550213			550500
					550272	550456				550586
						550506				
	Coupe (E46)	09/00 -	M54 226 S1	125	550214	550450	550213			550500
					550272	550506				550586
320 d	(E46)	04/98 - 09/01	M47 204 D1, M47 D20	100	550503					550586
	Touring (E46)	03/00 - 09/01	M47 204 D1, M47 D20	100	550503					550586
	(E46)	09/01 - 02/05	M47N 204 D4	110						550586
	Touring (E46)	09/01 - 02/05	M47N 204 D4	110						550586
320 i	(E0)	09/82 - 12/85	M20 B20	92	550227					
					550448					
	(E0)	12/85 - 06/91	M20 B20, M20 B20 (L-Jetronic)	95	550227					
					550448					
	Convertible (E0)	04/86 - 10/93	M20 B20	95	550227					
					550448					
	Touring (E0)	01/88 - 12/91	M20 B20	95	550227					
					550448					
	(E46)	03/98 - 09/00	M52 B(20 6 S3) Vanos	110	550214	550450	550213			550500
					550272	550506				550586
	(E6)	09/90 - 02/98	M50 B(20 6 S1), M50 B(20 6 S2) Vanos, M50 B20, M52 B(20 6 S3) Vanos	110	550210	550088				550500
					550218					
					550453					
	Convertible (E6)	12/93 - 04/99	M50 B(20 6 S2) Vanos, M52 B(20 6 S3) Vanos	110	550210	550088	550209			550500
					550214					
					550218					
					550453					
	Coupe (E6)	03/92 - 04/99	M50 B(20 6 S1), M50 B(20 6 S2) Vanos, M50 B20 TU, M52 B(20 6 S3) Vanos	110	550214	550088				550500
					550218					
					550453					
	Touring (E46)	10/99 - 09/00	M52 B(20 6 S3) Vanos, M52 B20	110	550214	550450	550213			550500
					550272	550506				550586
	Touring (E6)	01/95 - 10/99	M52 B(20 6 S3) Vanos	110	550210	550088	550209			550500
					550214					
	(E46)	09/00 - 02/05	M54 226 S1	125	550272	550450	550213			550500
						550506				550586
	Touring (E46)	09/00 - 02/05	M54 226 S1	125	550214	550450	550213			550500
					550272	550506				550586
320 si	(E90)	05/06 -	N45 B20 A	127	550272	550506				550586
320 td	Compact (E46)	09/01 - 02/05	M47N 204 D4	110						550586
320d	(E90)	09/05 -	M47N 204 D4	110						550586
	Touring (E91)	09/05 -	M47N 204 D4	110		550507				550586
	(E90)	01/05 -	M47N 204 D4	120						550586
	Touring (E91)	09/05 -	M47N 204 D5	120		550507				550586
	(E90)	09/07 -	N47 D20 A	130						550586
	Convertible (E9)	03/07 -	N47 D20 A	130						550586
	Coupe (E92)	03/07 -	N47 D20 A	130						550586
	Touring (E91)	09/07 -	N47 D20 A	130						550586
	(E90)	01/10 -	N47 D20 C	135						550586

BMW

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

320d	Convertible (E9)	01/10 -	N47 D20 C	135						550586
	Coupe (E92)	01/10 -	N47 D20 C	135						550586
	Touring (E91)	01/10 -	N47 D20 C	135						550586
320d xDrive	(E90)	09/08 -	N47 D20 C	130						550586
	Touring (E91)	09/08 -	N47 D20 C	130						550586
	Coupe (E92)	01/10 -	N47 D20 C	135						550586
	Touring (E91)	01/10 -	N47 D20 C	135						550586
320i	(E90)	01/05 - 03/07	N46 B20 A, N46 B20 C	110	550272	550456 550506				550586
	Convertible (E9)	03/07 - 08/07	N46N B20 B	110						550586
	Coupe (E92)	11/06 - 06/07	N46N B20 B	110		550604				550586
	Touring (E91)	09/05 -	N46 B20 A, N46 B20 C	110	550272	550456 550506				550586
	(E90)	09/07 -	N43 B20 A	125		550604				550586
	Convertible (E9)	03/07 -	N43 B20 A	125		550604				550586
	Coupe (E92)	03/07 -	N43 B20 A	125		550604				550586
	Touring (E91)	09/07 -	N43 B20 A	125		550604				550586
320xd	Coupe (E92)	03/07 -	N47 D20 A	130						550586
	Touring (E91)	09/07 -	N47 D20 A	130						550586
323 Ci	Convertible (E46)	04/00 - 09/00	M52 B25 (Vanos)	125	550214 550272	550450 550506	550213			550500 550586
	Coupe (E46)	04/99 - 09/00	M52 B25 (Vanos)	125	550272	550450 550506	550213			550500 550586
323 i	(E46)	03/98 - 09/00	M52 B25 (Vanos)	125	550214 550272	550450 550506	550213			550500 550586
323 i 2.5	(E6)	03/95 - 02/98	M52 B25 (Vanos)	125	550210	550088				550500
	Convertible (E6)	06/95 - 04/99	M52 B25 (Vanos)	125	550214					550500
	Coupe (E6)	03/95 - 04/99	M52 B25 (Vanos)	125	550210 550214	550088				550500
	Touring (E6)	09/95 - 10/99	M52 B25 (Vanos)	125	550214	550088	550209			550500
323 ti	Compact (E6)	08/97 - 08/00	M52 B25 (Vanos)	125	550210 550214	550088	550209			550500
323i	(E90)	04/06 - 06/07	N52 B25 A	130	550603	550604				550586
	Convertible (E9)	03/07 -	N52N B25 A	130						550586
	Coupe (E92)	06/06 -	N52N B25 A	130						550586
	Touring (E91)	04/06 - 06/07	N52N B25 A	130	550603	550604				550586
324 d	(E0)	09/85 - 08/91	M21 D24 W	63						550587
324 td	(E0)	09/87 - 08/91	M21 D24, M21 D24 WA	85						550587
	Touring (E0)	01/88 - 06/93	M21 D24, M21 D24 WA	85						550587
325 Ci	Convertible (E46)	09/00 -	M54 256 S5	141	550214 550272	550456 550506	550213			550586
	Coupe (E46)	09/00 -	M54 256 S5	141	550214 550272	550450 550456 550506	550213			550586
325 e 2.7	(E0)	01/85 - 08/87	M20 B27	95	550227 550448					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

325 i	(E0)	12/86 - 06/91	M20 B25	125	550227 550448					
	Convertible (E0)	09/87 - 10/93	M20 B25	125	550227 550448					
	Touring (E0)	07/87 - 03/93	M20 B25	125	550227 550448					
	(E0)	09/83 - 11/89	M20 B25	126	550227 550448					
	Convertible (E0)	12/85 - 12/87	M20 B25	126	550227 550448					
	(E46)	09/00 - 02/05	M54 256 S5	141	550214 550272	550450 550456 550506	550213			550586
	(E6)	09/90 - 09/95	M50 B25, M50 B25 (Vanos)	141	550453	550582				550587
	Convertible (E6)	03/93 - 03/95	M50 B25	141	550453	550582				
	Coupe (E6)	03/92 - 04/99	M50 B25 (Vanos)	141	550453	550582				
	Touring (E46)	09/00 - 02/05	M54 256 S5	141	550214 550272	550450 550456 550506	550213			550586
325 i X	(E0)	12/86 - 08/91	M20 B25	125	550227 550448					
	Touring (E0)	06/88 - 10/93	M20 B25	125	550227 550448					
	(E0)	03/86 - 12/87	M20 B25	126	550227 550448					
325 td	(E6)	09/91 - 02/98	M51 D25	85	550503					
325 tds	(E6)	05/93 - 02/98	M51 D25 (Inter.)	105	550503					
	Touring (E6)	01/95 - 10/99	M51 D25 (Inter.)	105	550503					
					550214 550272	550450 550456 550506	550213			550586
325 ti	Compact (E46)	06/01 - 02/05	M54 256 S5	141	550214 550272	550450 550456 550506	550213			550586
325 xi	(E46)	09/00 - 02/05	M54 256 S5	141	550214 550272	550450 550506	550213			550586
	Touring (E46)	09/00 - 02/05	M54 256 S5	141	550214 550272	550450 550506	550213			550586
325d	(E90)	09/06 -	M57 306 D3	145		550507				550586
	Convertible (E9)	03/07 -	N57 306 D3	145		550507				550586
	Coupe (E92)	03/07 -	N57N 306 D3	145		550507				550586
	Touring (E91)	09/06 -	M57 306 D3	145		550507				550586
	(E90)	01/10 -	N57 D30 A	150						550586
	Coupe (E92)	04/10 -	N57 D30 A	150						550586
	Touring (E91)	04/10 -	N57 D30 A	150						550586
325i	(E90)	01/05 -	N52 B25 A	160	550470 550603	550604				550586
	(E90)	09/07 -	N53 B30 A	160	550603	550604				550586
	Convertible (E9)	03/07 -	N53 B30	160	550603	550604				550586
	Convertible (E9)	03/07 -	N52 B25 A	160	550470					550586
	Coupe (E92)	09/06 -	N52 B25 C	160	550470					550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

325i	Coupe (E92)	09/07 -	N53 B30 A	160	550603	550604				550586
	Touring (E91)	09/05 -	N52 B25 C	160	550470 550603	550604				550586
	Touring (E91)	09/07 -	N53 B30 A	160	550603	550604				550586
325i xDrive	(E90)	09/08 -	N53 B30 A	160						550586
	Coupe (E92)	09/08 -	N53 B30 A	160						550586
	Touring (E91)	09/08 -	N53 B30 A	160						550586
325xi	(E90)	01/05 -	N52 B25 A	160	550470 550603	550604				550586
	(E90)	09/07 -	N53 B30 A	160	550603	550604				550586
	Coupe (E92)	09/06 -	N52 B25 C	160	550470					550586
	Coupe (E92)	09/07 -	N53 B30 A	160	550603	550604				550586
	Touring (E91)	09/05 -	N52 B25 C	160	550470 550603	550604				550586
	Touring (E91)	09/07 -	N53 B30 A	160	550603	550604				550586
328 Ci	Coupe (E46)	04/99 - 06/00	M52 B28	142	550214 550272	550450 550456 550506	550213			550500 550586
					550214	550450	550213			550500
328 i	(E46)	02/98 - 06/00	M52 B28	142	550272	550456 550506				550586
	(E6)	01/95 - 02/98	M52 B28	142	550210	550088				550500
	Convertible (E6)	03/95 - 04/99	M52 B28	142	550210 550214	550088	550209			550500
	Coupe (E6)	01/95 - 04/99	M52 B28	142	550210 550214	550088				550500
	Touring (E46)	10/99 - 06/00	M52 B28	142	550214 550272	550450 550456 550506	550213			550500 550586
	Touring (E6)	01/95 - 10/99	M52 B28	142	550214	550088	550209			550500
328i	(E90)	07/05 - 11/07	N52N B30 A	187	550603	550604				550586
330 Cd	Convertible (E46)	08/05 -	M57N 306 D2	150						550586
	Coupe (E46)	03/03 -	M57N 306 D2	150						550586
330 Ci	Convertible (E46)	06/00 -	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550500 550586
	Coupe (E46)	06/00 -	M54 306 S3	170		550506				550586
330 d	(E46)	10/99 - 02/05	M57 D30	135						550586
	Touring (E46)	10/99 - 02/05	M57 D30	135						550586
	(E46)	03/03 - 02/05	M57N 306 D2	150						550586
	Touring (E46)	03/03 - 02/05	M57N 306 D2	150						550586
330 i	(E46)	06/00 - 02/05	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550500 550586
	Touring (E46)	06/00 - 02/05	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550500 550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

330 xd	(E46)	06/00 - 02/05	M57 D30	135						550586
	Touring (E46)	06/00 - 02/05	M57 D30	135						550586
	(E46)	03/03 - 02/05	M57N 306 D2	150						550586
	Touring (E46)	03/03 - 02/05	M57N 306 D2	150						550586
330 xi	(E46)	06/00 - 02/05	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550586
	Coupe (E46)	06/00 -	M54 306 S3	170	550214 550272	550450 550456	550213			550500
	Touring (E46)	06/00 - 02/05	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550586
330d	(E90)	09/05 -	M57 306 D3	170		550507				550586
	Convertible (E9)	03/07 -	N57N 306 D3	170		550507				550586
	Coupe (E92)	09/06 -	M57 306 D3	170		550507				550586
	Touring (E91)	09/05 -	M57 306 D3	170		550507				550586
	(E90)	01/09 -	N57 D30 A	180						550586
	Coupe (E92)	01/09 -	N57 D30 A	180						550586
	Touring (E91)	01/09 -	N57 D30 A	180						550586
330d xDrive	(E90)	01/09 -	N57 D30 A	180						550586
330i	(E90)	01/05 -	N52 B30 A	190	550470 550603	550604				550586
	Convertible (E9)	03/07 -	N52N B30 B	190						550586
	Coupe (E92)	09/06 -	N52 B30 A	190						550586
	Touring (E91)	09/05 -	N52 B30 A	190	550470 550603	550604				550586
	(E90)	09/07 -	N53 B30 A	200	550603	550604				550586
	Convertible (E9)	03/07 -	N53 B30 A	200	550470 550603	550604				550586
	Coupe (E92)	09/06 -	N53 B30 A	200	550470 550603	550604				550586
	Touring (E91)	09/07 -	N53 B30	200	550603	550604				550586
330i xDrive	(E90)	09/08 -	N53 B30 A	200						550586
	Coupe (E92)	09/08 -	N53 B30 A	200						550586
	Touring (E91)	09/08 -	N53 B30 A	200						550586
330xd	(E90)	09/05 -	M57 306 D3	170		550507				550586
	Coupe (E92)	09/06 -	M57 306 D3	170		550507				550586
	Touring (E91)	09/05 -	M57 306 D3	170		550507				550586
	Coupe (E92)	01/09 -	N57 D30 A	180						550586
	Touring (E91)	01/09 -	N57 D30 A	180						550586
330xi	(E90)	01/05 -	N52 B30 A	190	550603	550604				550586
	Coupe (E92)	09/06 -	N52 B30 A	190						550586
	Touring (E91)	09/05 -	N52 B30 A	190	550603	550604				550586
	(E90)	09/07 -	N53 B30 A	200	550603	550604				550586
	Coupe (E92)	09/06 -	N52 B30 A	200						550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

330xi	Touring (E91)	09/07 -	N53 B30 A	200	550603	550604				550586
335d	(E90)	09/06 -	M57N 306 D5	210		550507				550586
	Coupe (E92)	09/06 -	M57N 306 D5	210		550507				550586
	Touring (E91)	09/06 -	M57N 306 D5	210		550507				550586
335i	(E90)	10/06 -	N54 B30 A	220	550603	550604				
	(E90)	09/06 -	N54 B30 A	225	550470 550603	550604		550600		550586
	Convertible (E9)	03/07 -	N54 B30 B	225	550470 550603	550604		550600		550586
	Coupe (E92)	09/06 -	N54 B30 A	225	550470 550603	550604		550600		550586
	Touring (E91)	09/06 -	N54 B30 A	225	550470 550603	550604		550600		550586
335i xDrive	(E90)	09/08 -	N54 B30 A	225						550586
	Coupe (E92)	09/08 -	N54 B30 A	225						550586
	Touring (E91)	09/08 -	N54 B30 A	225						550586
335xi	(E90)	09/07 -	N54 B30 A	225	550470 550603	550604		550600		550586
	Coupe (E92)	09/06 -	N54 B30 A	225	550470 550603	550604		550600		550586
	Touring (E91)	09/07 -	N54 B30 A	225	550470 550603	550604		550600		550586
M3	(E90)	03/07 -	S65 B40	309	550603					550586
	Convertible (E9)	03/07 -	S65 B40	309	550603					550586
	Coupe (E92)	03/07 -	S65 B40	309	550603					550586
M3 3.2	Convertible (E46)	04/01 -	S54 326 S4	252			550213			550586
	Coupe (E46)	06/00 -	S54 326 S4	252			550213			550586
M3 CSL	Coupe (E46)	06/03 -	S54N 326 S4	265			550213			550586

5 06/80 -

518 g	Touring (E34)	11/95 - 06/96	M43 B18	85	550457					
518 i	(E34)	08/89 - 09/95	M40 B18	83	550444					
	Touring (E34)	03/93 - 09/94	M40 B18	83	550444					
	(E34)	08/89 - 09/95	M43 B18	85	550457					
	Touring (E34)	09/94 - 01/97	M43 B18	85	550457					
520 d	(E39)	02/00 - 06/03	M47 204 D1, M47 D20	100	550503					550586
	Touring (E39)	02/00 - 09/03	M47 204 D1, M47 D20	100	550503					550586
520 i	(E28)	08/85 - 12/87	M20 B20	95	550227 550448					
	(E34)	01/88 - 08/91	M20 B20	95	550227 550448					
	(E39)	04/99 - 06/03	M52 B(20 6 S3) Vanos	100	550272	550506	550213			550586
	Touring (E39)	04/99 - 05/04	M52 B(20 6 S3) Vanos	100	550272	550506	550213			550586
	(E28)	12/86 - 06/90	--	110	550453					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

520 i	(E39)	01/96 - 09/00	M52 B(20 6 S3) Vanos, M52 B(20 6 S4)	110	550210 550214 550272	550088 550450 550456 550506	550209 550213				550500 550586
	Touring (E34)	11/91 - 01/97	M50 B(20 6 S1), M50 B(20 6 S2) Vanos	110	550218 550453						
	Touring (E39)	01/97 - 09/00	M52 B(20 6 S3) Vanos, M52 B(20 6 S4)	110	550210 550214 550272	550450 550456 550506	550213				550500 550586
	(E39)	09/00 - 06/03	M54 B22	125	550214 550272	550450 550456 550506	550213				550500 550586
	Touring (E39)	09/00 - 05/04	M54 B22	125	550214 550272	550450 550456 550506	550213				550500 550586
520 i 24V	(E34)	09/89 - 09/95	M50 B(20 6 S1), M50 B(20 6 S2) Vanos	110	550218 550453						
520d	(E60)	09/05 -	M47N 204 D4	110		550507					550586
	Touring (E61)	09/05 -	M47N 204 D4	110		550507					550586
	(E60)	07/05 -	M47N 204 D5	120		550507					550586
	Touring (E61)	07/05 -	M47N 204 D5	120		550507					550586
	(E60)	09/07 -	N47 D20 A	130		550507					550586
	Touring (E61)	09/07 -	N47 D20 A	130		550507					550586
	(F10)	03/10 -	N47 D20 C	135							550586
	Touring (F11)	09/10 -	N47 D20 C	135							550586
520i	(E60)	07/03 -	M54 226 S1	125	550214 550272	550450 550456 550506					550586
	(E60)	09/07 -	N43 B20 A	125							550586
	Touring (E61)	06/04 -	M54 226 S1	125		550506					550586
	Touring (E61)	09/07 -	N43 B20 A	125							550586
523 i	(E39)	11/95 - 09/00	M52 B25 (Vanos)	125	550210 550214 550272	550088 550450 550456 550506	550213				550500 550586
	Touring (E39)	01/97 - 09/00	M52 B25 (Vanos)	125	550210 550214 550272	550450 550456 550506	550213				550500 550586
523i	(E60)	07/05 -	N52 B25 A	130	550470 550603	550604					550586
	Touring (E61)	07/05 -	N52 B25 A	130	550470 550603	550604					550586
	(E60)	01/07 -	N52 B25 A	140	550603	550604					550586
	Touring (E61)	01/07 -	N52 B25 A	140	550603	550604					550586
	(F10)	03/10 -	N53 B30 A	150		550604					550586
	Touring (F11)	09/10 -	N53 B30 A	150							550586
524 td	(E28)	09/83 - 12/87	M21 D24 WA	85							550587
	(E34)	03/88 - 09/95	M21 D24, M21 D24 WA	85							550587

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

525 d	(E39)	02/00 - 06/03	M57 256 D1	120							550586
	Touring (E39)	02/00 - 05/04	M57 256 D1	120							550586
525 e 2.7	(E28)	09/81 - 12/87	M20 B27	90	550227 550448						
	(E28)	05/83 - 12/87	M20 B27	92	550227						
	(E28)	12/84 - 12/87	M20 B27	95	550227						
525 i	(E34)	01/88 - 08/91	M20 B25	125	550227 550448						
	(E39)	09/00 - 06/03	M54 256 S5	141	550214 550272	550450 550456 550506	550213				550586
	Touring (E34)	11/91 - 01/97	M50 B25	141	550453	550582					550587
	Touring (E39)	09/00 - 05/04	M54 256 S5	141	550214 550272	550450 550456 550506	550213				550586
525 i 24V	(E34)	09/89 - 09/95	M50 B25, M52 B25 (Vanos)	141	550453	550582					550587
525 i X	Touring (E34)	02/92 - 01/97	M50 B25, M52 B25 (Vanos)	141	550453	550582					
525 i X 24V	(E34)	10/91 - 09/95	M52 B25 (Vanos)	141	550453	550582					
525 td	(E34)	04/93 - 09/95	M51 D25	85	550503						
	(E39)	01/97 - 06/03	M51 D25	85	550503						550586
	Touring (E34)	03/93 - 01/97	M51 D25	85	550503						
525 tds	(E34)	09/91 - 09/95	M51 D25 (Inter.)	105	550503						
	(E39)	01/96 - 06/03	M51 D25 (Inter.)	105	550503						550586
	Touring (E34)	12/91 - 01/97	M51 D25 (Inter.)	105	550503						
	Touring (E39)	03/97 - 05/04	M51 D25 (Inter.)	105	550503						550586
525d	(E60)	12/04 -	M57 256 D1	120		550507					
	Touring (E61)	12/04 -	M57N 256 D4	120		550507					
	(E60)	06/04 -	M57N 256 D4	130		550507					550586
	Touring (E61)	06/04 -	M57N 256 D4	130		550507					550586
	(E60)	01/07 -	M57 306 D3	145		550507					550586
	Touring (E61)	01/07 -	M57 306 D3	145							550586
	(F10)	03/10 -	N57 D30 A	150							550586
	Touring (F11)	09/10 -	N57 D30 A	150							550586
525i	(E60)	09/03 -	M54 256 S5	141	550214 550272	550450 550456 550506					550586
	Touring (E61)	06/04 -	M54 256 S5	141	550214 550272	550450 550456					550586
	(E60)	07/05 -	N52 B25 A	160	550470 550603	550604					550586
	(E60)	01/07 -	N53 B30 A	160							550586
	Touring (E61)	07/05 -	N52 B25 A	160	550470 550603	550604					550586
	Touring (E61)	01/07 -	N53 B30 A	160							550586
525xd	(E60)	01/07 -	M57 306 D3	145		550507					550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

525xd	Touring (E61)	01/07 -	M57 306 D3	145							550586
525xi	(E60)	07/05 -	N52 B25 A	160	550603	550604					550586
	(E60)	01/07 -	N53 B30 A	160	550603	550604					550586
	Touring (E61)	07/05 -	N52 B25 A	160	550603	550604					550586
	Touring (E61)	01/07 -	N53 B30 A	160	550603	550604					550586
528 i	(E39)	11/95 - 09/00	M52 B28	142	550210 550214 550272	550088 550450 550456 550506	550213				550500 550586
	Touring (E39)	01/97 - 09/00	M52 B28	142	550210 550214 550272	550450 550456 550506	550213				550500 550586
528i	(F10)	03/10 -	N53 B30 A	190		550604					550586
	Touring (F11)	09/10 -	N53 B30 A	190							550586
530 d	(E39)	08/98 - 09/00	M57 D30	135							550586
	Touring (E39)	08/98 - 09/00	M57 D30	135							550586
	(E39)	09/00 - 06/03	M57 D30	142							550586
	Touring (E39)	09/00 - 05/04	M57 D30	142							550586
530 i	(E34)	01/88 - 08/91	M30 B30	138	550449 550455						
	(E39)	09/00 - 06/03	M54 306 S3	170	550214 550272	550450 550456 550506	550213				550586
	Touring (E39)	09/00 - 05/04	M54 306 S3	170	550214 550272	550450 550456 550506	550213				550586
530 i V8	(E34)	09/92 - 09/95	M60 B30	160	550447						
	Touring (E34)	09/92 - 01/97	M60 B30	160	550447						
530d	(E60)	07/03 -	N57 306 D2	160		550507					550586
	Touring (E61)	06/04 -	N57 306 D2	160							550586
	(E60)	07/03 -	M57 306 D3	170		550507					550586
	Touring (E61)	07/05 -	M57 306 D3	170		550507					550586
	(E60)	01/07 -	M57 306 D3	173		550507					550586
	Touring (E61)	01/07 -	M57 306 D3	173		550507					550586
	(F10)	03/10 -	N57 D30 A	180							550586
	GRAN TURISMO (F07)	10/09 -	N57 D30 A	180							550586
	Touring (F11)	09/10 -	N57 D30 A	180							550586
530d xDrive	GRAN TURISMO (F07)	09/10 -	N57 D30 A	180							550586
					550214 550272	550450 550456 550506					550586
530i	(E60)	07/03 -	M54 306 S3	170	550214 550272	550450 550456 550506					
	Touring (E61)	06/04 -	M54 306 S3	170	550603	550604					550586
	(E60)	07/05 -	N52 B30 A	190	550470 550603	550604					550586
	Touring (E61)	07/05 -	N52 B30 A	190	550470 550603	550604					550586

BMW

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

530i	(E60)	01/07 -	N53 B30 A	200	550603	550604				550586
	Touring (E61)	01/07 -	N53 B30 A	200	550603	550604				550586
530xd	(E60)	07/05 -	M57 306 D3	170		550507				550586
	Touring (E61)	07/05 -	M57 306 D3	170		550507				550586
	(E60)	01/07 -	M57 306 D3	173		550507				550586
	Touring (E61)	01/07 -	M57 306 D3	173		550507				550586
530xi	(E60)	07/05 -	N52 B30 A	190	550470 550603	550604				550586
	Touring (E61)	07/05 -	N52 B30 A	190	550470 550603	550604				550586
	(E60)	01/07 -	N53 B30 A	200	550603	550604				550586
	Touring (E61)	01/07 -	N53 B30 A	200	550603	550604				550586
535 i	(E34)	01/88 - 09/95	M30 B35	155	550449 550455					
	(E39)	04/96 - 03/99	M62 B(35 8 S1), M62 B35	173		550446				550500 550586
	(E39)	04/99 - 06/03	M62 B(35 8 S2)	180		550446				550586
535d	(E60)	09/04 -	M57 306 D4	200		550507				550586
	Touring (E61)	09/04 -	M57 306 D4	200		550507				550586
	(E60)	01/07 -	M57N 306 D5	210		550507				550586
	Touring (E61)	01/07 -	M57N 306 D5	210		550507				550586
	(F10)	09/10 -	N57S D30 B	220						550586
	GRAN TURISMO (F07)	09/10 -	N57S D30 B	220						550586
	Touring (F11)	09/10 -	N57S D30 B	220						550586
535d xDrive	GRAN TURISMO (F07)	09/10 -	N57S D30 B	220						550586
535i	(F10)	03/10 -	N55 B30 A	225		550604				550586
	GRAN TURISMO (F07)	10/09 -	N55 B30 A	225		550604				550586
	Touring (F11)	09/10 -	N55 B30 A	225						550586
535i xDrive	GRAN TURISMO (F07)	09/10 -	N55 B30 A	225						550586
540 i	(E39)	04/96 - 06/03	M62 B44	210		550446				550500 550586
	Touring (E34)	09/93 - 01/97	M60 B40	210	550447					
	Touring (E39)	01/97 - 05/04	M62 448 S2, M62 B44	210		550446				550500 550586
540 i V8	(E34)	09/92 - 09/95	M60 B40	210	550447					
540i	(E60)	07/05 -	N62 B40 A	225		550604				550586
	(E60)	08/05 -	--	225		550604				
545i	(E60)	09/03 -	N62 B44	245	550272	550456 550506				550586
	Touring (E61)	06/04 -	N62 B44	245	550272	550456 550506				550586
550i	(E60)	07/05 -	N62 B48 B	270		550604				550586
	Touring (E61)	07/05 -	N62 B48 A	270		550604				550586
	(F10)	03/10 -	N63 B44 A	300		550604				550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

550i	GRAN TURISMO (F07)	10/09 -	N63 B44 A	300		550604		550600		550586
550i xDrive	(F10)	09/10 -	N63 B44 A	300						550586
	GRAN TURISMO (F07)	09/10 -	N63 B44 A	300						550586
M5	(E39)	10/98 - 06/03	S38 B49	294						550586
	(E60)	09/04 -	S85 B50 A	373	550603					550586
	Touring (E61)	02/07 -	S85 B50 A	373						550586

6 04/76 -

630i	(E3)	09/04 -	N52 B30 A	190	550470 550603	550604				550586
	Convertible (E4)	09/04 -	N52 B30 A	190	550470 550603	550604				550586
	(E3)	07/07 -	N53 B30	200	550603	550604				550586
	Convertible (E4)	07/07 -	N53 B30	200	550603	550604				550586
635 CSi	(E24)	06/78 - 08/88	M30 B35 (L-Jetronic,10:1), M30 B35 (Motronic,10:1), M30 B35 (Motronic,9.3:1)	160	550455					
635d	(E3)	07/07 -	N57N 306 D5	210		550507				550586
	Convertible (E4)	07/07 -	M57N 306 D5	210		550507				550586
640i	Convertible (F12)	03/11 -	N55 B30 A	235						550586
	Coupe (F13, F0)	06/11 -	N55 B30 A	235						550586
645Ci	(E3)	01/04 -	N62 B44, N62 B44 A	245	550272	550456 550506				550586
	Convertible (E4)	04/04 -	N62 B44, N62 B44 A	245	550272	550456 550506				550586
650i	(E3)	07/05 -	N62 B48 B	270		550604				550586
	Convertible (E4)	07/05 -	N62 B48 B	270		550604				550586
	Convertible (F12)	03/11 -	N63 B44 A	300						550586
	Coupe (F13, F0)	06/11 -	N63 B44 A	300						550586
M6	(E3)	09/05 -	S85 B50 A	373	550603					550586
	Convertible (E4)	07/06 -	S85 B50 A	373	550603					550586

7 09/86 -

725 tds	(E38)	04/96 - 11/01	M51 D25 (Inter.)	105	550503					550586
728 i,iL	(E38)	08/95 - 11/01	M52 B28	142	550210 550214 550272	550088 550456 550506	550209 550213			550500 550586
728i X	(E38)	11/95 - 09/01	--	142		550506				
730 d	(E38)	08/98 - 04/00	M57 D30	135						550586
	(E38)	04/00 - 11/01	M57 306 D1	142						550586
	(E65, E66)	10/02 -	M57N2 306 D2	160						550586
730 i,iL	(E32)	12/86 - 09/94	M30 B30	138	550449 550455					
	(E32)	12/86 - 09/94	M30 B30	145	550449 550455					
	(E38)	10/94 - 11/01	M60 B30	155	550447		550213			550586
	(E38)	10/94 - 11/01	M60 B30	160	550447		550213			550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

730 i,iL V8	(E32)	04/92 - 09/94	M60 B30	160	550447					550587
730 i,Li	(E65, E66)	03/03 -	M54 306 S3	170	550214	550450				550586
					550272	550456				
	(E65, E66)	03/05 -	N52 B30 A	190	550470 550603	550604				550586
730 Ld	(E65, E66)	07/05 -	N57N 306 D2	170		550507				550586
730d	(F01, F02, F03, F04)	10/08 -	N57 D30 A	180						550586
735 i,iL	(E32)	09/86 - 09/92	M30 B35	155	550455					
					550455					
	(E32)	09/86 - 12/87	M30 B35 (Motronic,9.2:1)	162						
	(E38)	01/96 - 11/01	M62 B(35 8 S1)	173		550446				550500 550586
735 i,Li	(E65, E66)	11/01 -	N62 B36	200	550272	550456 550506				550586
740 d	(E38)	05/99 - 11/01	M67 D39	180						550586
740 i,iL	(E38)	10/02 -	N67 398 D1	190						550586
740 i,iL	(E38)	10/94 - 11/01	M60 B40	210	550447					550586
						550446				
740 i,iL V8	(E32)	04/92 - 09/94	M60 B40	210	550447					550587
740 i,Li	(E65, E66)	07/05 -	N62 B40 A	225		550604				550586
740d	(F01, F02, F03, F04)	09/09 -	N57S D30 B	225						550586
740d xDrive	(F01, F02, F03, F04)	09/09 -	N57S D30 B	225						550586
740i	(F01, F02, F03, F04)	10/08 -	N54 B30 A	240	550470 550603	550604		550600		550586
745 d	(E65, E66)	03/05 - 08/05	N67N 448 D1	220		550507				550586
						550507				550586
	(E65, E66)	07/05 -	N67N 448 D2	242		550507				550586
745 i,Li	(E65, E66)	11/01 -	N62 B44	245	550272	550456 550506				550586
750 i,iL	(E38)	12/94 - 11/01	M73 B54	240						550500 550586
750 i,iL V12	(E32)	09/87 - 09/94	M70 B50	220	550277					
750 i,Li	(E65, E66)	07/05 -	N62 B48 B	270		550604				550586
750i	(F01, F02, F03, F04)	10/08 -	N63 B44 A	300	550470	550604		550600		550586
750i xDrive	(F01, F02, F03, F04)	09/09 -	N63 B44 A	300		550604		550600		550586
760	(E65, E66)	02/03 - 08/05	N73 B60 A	320						550586
760 i,Li	(E65, E66)	01/03 -	N73 B60	327						550586
760i	(F01, F02, F03, F04)	09/09 -	N74 B60 A	400		550604				550586

8 04/90 - 12/99

840 Ci	(E31)	01/96 - 12/99	M62 B44, M62 B44 TU	210		550446				
840 i	(E31)	02/93 - 02/96	M60 B40	210	550447					
850 Ci	(E31)	09/94 - 12/99	M73 B54	240						550500
850 CSi	(E31)	04/93 - 12/96	M70 B56	280	550277					
850 i,Ci	(E31)	04/90 - 10/94	M70 B50	220	550277					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

X1		10/09 -							
sDrive18d	(E84)	10/09 -	N47 D20 C	105					550586
sDrive18i	(E84)	01/10 -	N46 B20 B	110					550586
sDrive20d	(E84)	10/09 -	N47 D20 C	130					550586
xDrive18d	(E84)	10/09 -	N47 D20 C	105					550586
xDrive20d	(E84)	10/09 -	N47 D20 C	130					550586
xDrive23d	(E84)	10/09 -	N47S D20 D	150					550586
xDrive25i	(E84)	01/10 -	N52 B30 A	160					550586
xDrive28i	(E84)	10/09 -	N52 B30 A	190		550604			550586

X3		01/04 -							
2.0 d	(E83)	10/04 -	M47N 204 D4	110		550507			550586
	(E83)	09/07 -	N47 D20 A	130		550507			550586
2.0 i	(E83)	07/05 -	N46 B20 A	110	550272	550456			550586
						550506			
2.5 i	(E83)	01/04 -	M54 256 S5	141	550214	550450			550586
					550272	550456			
						550506			
2.5 si	(E83)	09/06 -	N52 B25 A	160	550470				550586
					550603				
3.0 d	(E83)	01/04 -	M54N 306 D2	150					550586
	(E83)	01/04 -	M57N2 306 D2	160		550507			550586
3.0 i	(E83)	01/04 -	M54 306 S3	170	550214	550450			550586
					550272	550456			
						550506			
3.0 sd	(E83)	09/06 -	M57 306 D5	210					550586
3.0 si	(E83)	09/06 -	N52 B30 A	200	550470				550586
					550603				
xDrive 20d	(F25)	09/10 -	N47 D20 C	135					550586
xDrive 35i	(F25)	09/10 -	N55 B30 A	225					550586
xDrive18d	(E83)	09/08 -	M47N 204 D4	105					550586
xDrive20i	(E83)	09/08 -	N46 B20 B	110		550506			550586
xDrive30d	(E83)	09/08 -	M57N2 306 D3	160					550586
xDrive35d	(E83)	09/08 -	N57N 306 D5	210					550586

X5		05/00 -							
3.0 d	(E53)	05/01 -	M57 306 D1	135	550214				550586
	(E53)	12/03 -	M57N 306 D4	160	550214				550586
	(E70)	02/07 - 09/08	M57 306 D3	173		550507			550586
3.0 i	(E53)	05/00 -	M54 306 S3	163	550214	550506	550213		550500
					550272				
	(E53)	05/00 -	M54 306 S3	170	550214	550450	550213		550586
					550272	550456			
						550506			
3.0 sd	(E70)	09/07 - 09/08	M57N 306 D5	210		550507			550586

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BMW

3.0 si	(E70)	02/07 - 09/08	N52 B30 A	200	550470 550603	550604				550586
4.4 i	(E53)	05/00 -	M62 B44	210	550214 550501		550213			550586
	(E53)	12/03 -	N62 B44 A	235	550214 550272	550456 550506				550586
4.6 is	(E53)	02/02 -	M67 468 S1	255	550214 550501					550586
4.8 i	(E70)	02/07 - 09/08	N62 B48 B	261		550604				550586
4.8 is	(E53)	04/04 -	N62 B48 A	265	550272	550456 550506				550586
M	(E70)	09/09 -	S63 B44 A	408		550604				550586
xDrive30d	(E70)	09/10 -	N57 D30 A	180						550586
xDrive30i	(E70)	09/08 - 03/10	N52 B30 A	200	550470					
xDrive35i	(E70)	09/10 -	N55 B30 A	225						550586
xDrive40d	(E70)	09/10 -	N57S D30 B	225						550586
xDrive50i	(E70)	06/10 -	N63 B44 A	300						550586

X6 05/08 -

30d	(E71, E72)	05/08 -	M57N2 306 D3	173		550507				550586
35d	(E71, E72)	05/08 -	N57N 306 D5	210		550507				550586
35i	(E71, E72)	05/08 -	N54 B30 A	225	550470					550586
50i	(E71, E72)	05/08 -	N63 B44 A	300	550470					550586
M	(E71, E72)	09/09 -	S63 B44 A	408		550604				550586
xDrive30d	(E71, E72)	09/10 -	N57 D30 A	180						550586
xDrive35i	(E71, E72)	09/08 -	N54 B30 A	225	550603	550604		550600		550586
xDrive40d	(E71, E72)	10/10 -	N57S D30 B	225						550586
xDrive50i	(E71, E72)	09/08 -	N63 B44 A	300		550604		550600		550586

Z1 06/88 - 06/91

2.5		06/88 - 06/91	M20 B25	125	550227 550448					
-----	--	---------------	---------	-----	------------------	--	--	--	--	--

Z3 10/95 - 06/03

1.9	(E36)	01/99 - 01/03	M43 194 E1	85		550456 550506				
	(E36)	07/98 - 01/03	M43 194 E1, M43 B19	87	550214 550272	550456 550506	550213			
	(E36)	10/95 - 03/99	M44 B19	103						550500
2.0	(E36)	04/99 - 01/03	M52 B(20 6 S4)	110	550214 550272	550450 550456 550506	550213			550500
2.2	(E36)	08/00 - 01/03	M54 226 S1, M54 B22	125	550214 550272	550450 550506	550213			550500
2.8	(E36)	04/97 - 06/00	M52 B28	141	550210 550214	550450 550456 550506	550209			550500

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.8	Coupe (E36)	07/97 - 06/00	M52 B28	141	550210 550214	550450 550456 550506	550209			550500
3.0	(E36)	06/00 - 01/03	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550500
	Coupe (E36)	06/00 - 06/03	M54 306 S3	170	550214 550272	550450 550456 550506	550213			550500

Z4 02/03 -

2.0 i	(E85)	04/05 -	N46 B20 A	110	550272	550456 550506				550586
2.2 i	(E85)	10/03 -	M54 226 S1	125	550214 550272	550450 550456 550506				550586
2.5 i	(E85)	01/06 -	N52 B25 A	130	550470 550603	550604				550586
	(E85)	02/03 -	M54 256 S5	141	550214 550272	550450 550456 550506				550586
2.5 si	(E85)	01/06 -	N52 B25 A	160	550470 550603	550604				550586
3.0 i	(E85)	02/03 -	M54 306 S3	170	550214 550272	550450 550456 550506				550586
3.0 si	(E85)	01/06 -	N52 B30 A	195	550470 550603					550586
	Coupe (E86)	03/06 -	N52 B30 A	195	550470					550586
3.2 M	(E85)	03/06 -	S54 326 S4	252						550586
	Coupe (E86)	03/06 -	S54 326 S4	252						550586
sDrive23i	(E89)	05/09 -	N52 B25 A	150						550586
sDrive30i	(E89)	05/09 -	N52 B30 A	190						550586
sDrive35i	(E89)	05/09 -	N54 B30 A	225			550600			550586
sDrive35is	(E89)	09/10 -	N54 B30 A	250						550586

Z8 06/00 - 06/03

4.9	(E52)	06/00 - 06/03	S38 B49, S62 B50	294						550586
-----	-------	---------------	------------------	-----	--	--	--	--	--	--------

CHEVROLET**AVEO 05/05 -**

1.2	Saloon (T200, T250)	03/06 -	F12S3	53	550401 550402	550405	550284	550391		550407
1.4	Saloon (T200, T250)	03/06 -	F14D3	69	550401 550402	550405	550284	550391		

CAPTIVA 06/06 -

2.0 D	(C100, C140)	09/07 -	Z 20 S	110				550392		
2.4	(C100, C140)	06/06 -	Z 24 SED	100		550153				
2.4 4WD	(C100, C140)	06/06 -	Z 24 SED	100		550153				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

EPICA 01/05 -

2.0	(KL1_)	01/05 - 12/06	X 20 XEV	94				550392		
	(KL1_)	01/05 - 12/06	T20SED	98		550153		550392		
	(KL1_)	06/06 -	X 20 D1	105				550284		
2.5	(KL1_)	06/06 -	LF4	115				550284		

EVANDA 03/05 -

2.0		03/05 -	X 20 SED	96		550153	550284	550392		
-----	--	---------	----------	----	--	--------	--------	--------	--	--

KALOS 03/05 -

1.2		03/05 -	B12S1	53				550284		550407
1.4		03/05 -	F14S3	61				550284		
1.4 16V		03/05 -	F14D3	69				550284		

LACETTI 03/05 -

	(J200)	03/05 -	F14D3	70		550405	550284	550392		550561
1.6	(J200)	03/05 -	F16D3	80		550405	550284	550392		550561
1.8	(J200)	08/05 -	F18D3	89		550405		550392		550561
	(J200)	03/05 -	T18SED	90		550153	550284	550392		550561
2.0 D	(J200)	01/07 -	Z 20 DM	89				550392		550561

MATIZ 03/05 -

0.8	(M200, M250)	03/05 -	F8CV	38		550401		550284	550391	550407
						550402				550560
0.8 LPG	(M200, M250)	03/05 -	F8CV	38						550560
1.0	(M200, M250)	03/05 -	B10S	47		550401		550284	550391	550407
						550402				
	(M200, M250)	03/05 -	B10S1	49		550401		550284	550391	550407
						550402				

NUBIRA 01/05 -

1.6	Estate	03/05 -	F16D3	80				550284		
	Saloon	03/05 -	F16D3	80				550284	550392	550561
1.8	Estate	03/05 -	T18SED	90		550153		550284		
	Saloon	03/05 -	T18SED	90		550153		550284	550392	550561

REZZO 03/05 -

1.6		03/05 -	A16DMS	77				550284	550561	
		08/05 -	A16DMS	79				550284	550561	
2.0		03/05 -	T20SED	89		550153		550284	550141	550561
		08/05 -	T20SED	90					550561	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

CITROËN

AX 07/86 - 12/98

1.3 Sport	(ZA_-)	04/87 - 12/88	M4A	70	550185					550048
1.4 GTi	(ZA_-)	08/91 - 12/96	KFY (TU3FJ2)	66	550005 550007				550144	550048 550384
	(ZA_-)	06/91 - 12/96	KFZ (TU3FJ2)	69	550005 550007				550144	550048 550384
	(ZA_-)	06/91 - 12/92	KFZ (TU3FJ2)	74					550144	550048 550384
10	(ZA_-)	09/86 - 06/92	C1A	32	550185					
	(ZA_-)	07/86 - 12/98	CDY (TU9M)	33	550005 550007 550008					550048
					550005 550007 550008 550185			550080		550048
	(ZA_-)	02/87 - 12/98	CDZ (TU9M)	37						
10 E	(ZA_-)	12/86 - 12/88	C3A	30						550048
11	(ZA_-)	12/86 - 04/94	H1A, H1B	40	550185				550149	550048
	(ZA_-)	09/86 - 12/97	H1B, HDZ (TU1M)	44	550005 550007 550185			550080	550149	550048
11 4x4	(ZA_-)	06/91 - 07/92	H1A	40					550149	
11 CAT	(ZA_-)	09/88 - 12/89	HAZ (TU1CP)	40						550048
14	(ZA_-)	12/86 - 12/88	KAY (TU3CP)	44						550048
	(ZA_-)	06/88 - 12/89	K1F	49	550185					550048
	(ZA_-)	04/87 - 04/97	KDX (TU3M/Z), KDY (TU3FM), KDY (TU3M), KDZ (TU3M/Z)	55	550005 550007 550008 550185				550144	550048
	(ZA_-)	01/88 - 12/92	K2A, K2B	62	550185					550048
14 4x4	(ZA_-)	08/91 - 12/96	KDX (TU3M/Z), KDY (TU3FM), KDY (TU3M), KDZ (TU3M/Z)	55	550005 550007 550008 550185				550144	550048
14 D	(ZA_-)	08/91 - 12/97	K9Y (TUD3Y)	37						550048
15 D	(ZA_-)	08/94 - 12/97	VJY (TUD5)	40						550048
	(ZA_-)	08/94 - 12/97	VJZ (TUD5)	43						550048

BERLINGO 07/96 -

1.1 i	(MF)	07/96 -	HDZ (TU1M), HFX (TU1JP)	44	550005 550007 550015		550045 550424	550133	550269	550047
	Box (M_)	07/96 -	HDZ (TU1M)	44	550005 550007 550015				550269	550047
1.4 bivalent	(MF)	11/02 -	--	48	550015					
	Box (M_)	11/02 -	--	48	550015					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 i	(MF)	07/96 -	KFW (TU3JP), KFX (TU3JP)	55	550005 550007 550015		550045 550424		550269	550047
	Box (M_)	07/96 -	KFW (TU3JP), KFX (TU3JP)	55	550005 550007 550015		550045 550424	550130 550131 550133	550149 550269	550047
1.4 i bivalent	(MF)	04/03 -	KFW (TU3JP)	55	550015		550424			
	Box (M_)	04/03 -	KFW (TU3JP)	55	550015		550424			
1.6		04/08 -	NFR (TU5JP4B)	66			550494			
	Box	04/08 -	NFR (TU5JP4B)	66			550494			
		04/08 -	NFU (TU5JP4)	80			550494			
	Box	04/08 -	NFU (TU5JP4)	80			550494			
1.6 16V	(MF)	10/00 -	NFU (TU5JP4)	80	550012		550424 550494	550133		
	Box (M_)	10/00 -	NFU (TU5JP4)	80			550424 550494			
	(MF)	11/02 -	NFU (TU5JP4)	81			550424 550494			
1.6 HDi 110		04/08 -	9HZ (DV6TED4)	80				550569		550383
	Box	04/08 -	9HZ (DV6TED4)	80				550569		550383
1.6 HDi 75		04/08 -	9HT (DV6BTED4)	55	550471			550569		550383
1.6 HDi 75	(MF)	07/05 -	DV6B	55	550014 550471	550117		550569		550383
1.6 HDi 75	Box	04/08 -	9HN (DV6ETED)	55	550471			550569		550383
1.6 HDi 75	Box (M_)	07/05 -	DV6B	55	550014 550471			550569		550383
1.6 HDi 90		04/08 -	9HX (DV6ATED4)	66	550471			550569		550383
1.6 HDi 90	(MF)	07/05 -	DV6ATED4	66	550014 550471	550117		550569		550383
1.6 HDi 90	Box	04/08 -	9HX (DV6ATED4)	66				550569		550383
1.6 HDi 90	Box (M_)	07/05 -	DV6ATED4	66	550014 550471			550569		550383
1.6 VTi 120		11/09 -	5FS (EP6C)	88			550045			
1.6 VTi 95		07/10 -	5FK (EP6 CB)	72			550045			
	Box	07/10 -	5FK (EP6 CB)	72			550045			
1.8 D	(MF)	07/98 -	A9A (XUD7)	43	550186					550047
	Box (M_)	07/96 -	A9A (XUD7)	43	550186					550047
1.8 i	(MF)	05/97 -	LFX (XU7JB)	66	550004 550006		550045	550130 550131	550149	550047
	Box (M_)	08/99 - 10/02	LFX (XU7JB)	66			550045	550130	550149	
1.8 i 4WD	(MF)	04/97 -	LFX (XU7JB)	66	550004 550006		550045	550130 550131		550047
1.9 D	(MF)	07/96 -	D9B (XUD9A/L), DJY (XUD9A)	50	550186					550047
	(MF)	07/98 -	WJY (DW8B), WJZ (DW8)	51	550004 550006 550176 550187					550047

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 D	Box (M_)	07/96 -	DJY (XUD9A)	51	550186					550047
1.9 D 4WD	(MF)	07/98 -	WJZ (DW8)	51	550187					550047
1.9 D 70	Box (M_)	04/99 -	WJZ (DW8)	51	550176 550187					550047
1.9 D 70 4WD	Box (M_)	07/98 -	WJZ (DW8)	51	550187					550047
2.0 HDI 90	(MF)	12/99 -	RHY (DW10TD)	66	550011 550176	550117				550047
	Box (M_)	12/99 -	RHY (DW10TD)	66	550011 550176	550117				550047
2.0 HDI 90 4WD	Box (M_)	11/00 -	RHY (DW10TD)	66	550011	550117				

BX

10/82 - 12/94

11	(XB-)	10/88 - 06/92	HDZ (TU1M)	40	550185					
16	(XB-)	01/87 - 02/93	B1E (XU51C)	53	550185					
	Break (XB-)	09/88 - 12/94	B1E (XU51C)	53	550185					
	(XB-)	09/88 - 02/93	BAY (XU5CP), BAZ (XU5CP)	55	550185					
	(XB-)	07/85 - 02/93	171D	64	550185					
	Break (XB-)	07/85 - 12/94	171D	64	550185					
	Break (XB-)	05/89 - 12/94	BDY (XU5M), BDZ (XU5M)	65	550114 550185				550238	
	(XB-)	10/82 - 06/88	171A, 171B, 171C	66	550185					
	Break (XB-)	06/85 - 06/88	171A, 171B, 171C	66	550185					
	(XB-)	10/82 - 12/92	XU52C	68	550185					
	(XB-)	03/86 - 02/93	180Z	76	550185					
	Break (XB-)	03/86 - 12/94	180Z	76	550185					
16 E	(XB-)	05/89 - 02/93	BDY (XU5M), BDZ (XU5M)	65	550114 550185			550080	550238	
19	(XB-)	09/86 - 11/89	D2C (XU92C)	70	550185					
	Break (XB-)	12/87 - 12/89	D2C (XU92C)	70	550185					
	(XB-)	07/86 - 05/89	159A	75	550185					
	Break (XB-)	07/86 - 12/94	D2A (XU92C)	75	550185					
	(XB-)	07/86 - 05/89	D2A (XU92C)	77	550185					
	Break (XB-)	06/88 - 12/94	DDZ (XU9M)	80	550185			550140		
	Break (XB-)	06/88 - 12/94	DKZ (XU9JA)	88	550185 550427					
19 4x4	Break (XB-)	10/90 - 05/91	DDZ (XU9M)	80	550185			550140		
19 CAT	Break (XB-)	07/86 - 12/94	DFZ (XU9J1)	75	550185				550144	
19 E	(XB-)	06/88 - 02/93	DDZ (XU9M)	80	550185			550140		
19 E 4x4	(XB-)	04/89 - 02/93	D2F	80	550185					
19 GTI	(XB-)	06/88 - 02/93	DKZ (XU9JA)	88	550185 550427				550144	550384
	(XB-)	07/86 - 02/93	D6A (XU9J2)	90	550185				550144	550384
19 GTI 16V	(XB-)	03/88 - 02/93	DFW (XU9J4)	108	550427		550199			550384
	(XB-)	09/87 - 12/88	D6C (XU9J4)	116	550427		550199			550384

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

19 GTI 4x4	(XB_)	06/88 - 02/93	DKZ (XU9JA)	88	550185 550427					550144	550384
------------	-------	---------------	-------------	----	------------------	--	--	--	--	--------	--------

C-CROSSER 02/07 -

2.2 HDi	(EP_)	02/07 -	4HN (DW12MTED4)	115	550014 550471						550383
---------	-------	---------	-----------------	-----	------------------	--	--	--	--	--	--------

C1 06/05 -

1.4 HDi	(PM_, PN_)	06/05 -	DV4D	40	550014	550017					550383
---------	------------	---------	------	----	--------	--------	--	--	--	--	--------

C15 10/84 - 12/05

1.8 D	(VD_)	07/86 - 12/00	161A (XUD7)	44	550186						
-------	-------	---------------	-------------	----	--------	--	--	--	--	--	--

C2 09/03 -

1.1	(JM_)	09/03 -	HFX (TU1JP)	44	550015		550424 550494	550133			
1.4	(JM_)	09/03 -	KFV (TU3JP)	54	550015		550424 550494	550133			
1.4 16V	(JM_)	06/06 -	KFU (ET3J4)	65			550494				
1.4 HDi	(JM_)	09/03 -	8HX (DV4TD)	50	550014	550017					550383
1.6	(JM_)	09/03 -	NFU (TU5JP4)	80	550015		550494	550133			
1.6 HDi	(JM_)	09/05 -	9HZ (DV6TED4)	80	550014 550471	550432		550569			550383
1.6 VTS	(JM_)	01/05 -	NFS (TU5JP4S)	90			550494	550133			

C25 07/81 - 03/94

2.0 E	Box (280_, 290_)	09/81 - 03/94	170A (XN1T), 170B (XN1T)	58	550482						
-------	------------------	---------------	--------------------------	----	--------	--	--	--	--	--	--

C3 02/02 -

1.1	II	11/09 -	--	44			550494				
1.1 i	(FC_)	02/02 -	HFX (TU1JP)	44	550015		550424 550494	550133			
1.4	II	11/09 -	KFT (TU3A)	54			550494				
	Pluriel (HB_)	05/03 -	KFV (TU3JP)	54			550424 550494	550133			
1.4 16V	(FC_)	12/03 -	KFU (ET3J4)	65	550015		550494	550133			
1.4 16V HDi	(FC_)	02/02 -	8HY (DV4TED4)	66	550014	550117		550569			550383
1.4 HDi	(FC_)	02/02 -	8HX (DV4TD)	50	550014 550471	550017					550383
	Pluriel (HB_)	04/04 -	8HX (DV4TD)	50	550014 550471	550017					550383
	(FC_)	05/05 -	--	55	550014 550471						
1.4 i	(FC_)	02/02 -	KFV (TU3JP)	54			550424				
1.4 i Bivalent	(FC_)	02/02 -	KFV (TU3JP)	54	550015 550016		550424	550133			
1.4 VTi 95	II	11/09 -	--	70	550470		550045				
1.6	Pluriel (HB_)	05/03 -	NFU (TU5JP4)	80	550015		550494	550133			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 16V	(FC_)	02/02 -	NFU (TU5JP4)	80	550015 550016		550424 550494	550133		
1.6 16V HDi	(FC_)	10/05 -	9HX (DV6ATED4)	66	550014 550471	550432		550569		550383
	(FC_)	09/05 -	DV6TED4	80	550014 550471	550117		550569		550383
1.6 HDi 90	II	11/09 -	DV6ATED4	66		550432		550569		
1.6 VTi 120	II	11/09 -	5FS (EP6C)	88	550470		550045			

C3 Picasso

02/09 -

1.4 VTi 95		02/09 -	8FS (EP3)	70	550470		550045			
1.6 HDi		02/09 -	9HX (DV6ATED4)	66	550471	550432		550569		550383
		02/09 -	9HZ (DV6TED4)	80	550471	550432		550569		550383
1.6 VTi 120		02/09 -	5FW (EP6)	88	550470		550045			

C4

11/04 -

1.4 16V	(LC_)	11/04 -	KFU (ET3J4)	65	550015		550494	550133		
	Coupe (LA_)	11/04 -	KFU (ET3J4)	65	550015		550494	550133		
1.6 16V	(LC_)	11/04 -	NFU (TU5JP4)	80	550015 550016		550494	550133		
	Coupe (LA_)	11/04 -	NFU (TU5JP4)	80	550015 550016		550494	550133		
	Saloon	07/06 -	NFU (TU5JP4)	80			550494			
1.6 16V Bio-Flex	(LC_)	09/07 -	NFU (TU5JP4)	80			550494			
1.6 HDi	(LC_)	11/04 -	9HX (DV6ATED4)	66	550014 550471			550569		550383
	Coupe (LA_)	11/04 -	9HX (DV6ATED4)	66	550014 550471	550432		550569		550383
	(LC_)	11/04 -	DV6TED4	80	550014 550471	550117 550432		550569		550383
	Coupe (LA_)	11/04 -	DV6TED4	80	550014 550471	550117		550569		550383
	Saloon	07/06 -	DV6TED4	80	550014 550471			550569		550383
1.6 THP 140	(LC_)	07/08 -	5FT (EP6DT)	103	550470					
1.6 THP 150	(LC_)	07/08 -	5FX (EP6DT)	110	550470					
	Coupe (LA_)	07/08 -	5FX (EP6DT)	110	550470					
1.6 VTi 120	(LC_)	07/08 -	5FW (EP6)	88	550470		550045			
	Coupe (LA_)	07/08 -	5FW (EP6)	88	550470		550045			
2.0 16V	(LC_)	11/04 -	RFN (EW10J4)	100		550010	550045	550136		550386
	Coupe (LA_)	11/04 -	RFN (EW10J4)	100		550010	550045	550136		550386
	(LC_)	11/04 -	EW10A	103		550010		550133		
	Coupe (LA_)	11/04 -	EW10J4S	130		550010	550045	550133		
2.0 HDi	(LC_)	11/04 -	DW10BTED4	100	550473	550117 550432		550569		550383
	Coupe (LA_)	11/04 -	DW10BTED4	100	550473	550117 550432		550569		550383

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 HDi	Coupe (LA_)	07/08 -	--	103	550473					
---------	-------------	---------	----	-----	--------	--	--	--	--	--

C4 Grand Picasso		10/06 -								
-------------------------	--	----------------	--	--	--	--	--	--	--	--

1.6 16V	(UA_)	10/08 -	5FX (EP6DT)	110	550470					
1.6 HDi	(UA_)	10/06 -	9HZ (DV6TED4)	80	550014 550471	550432		550569		550383
1.6 VTi 120	(UA_)	07/08 -	5FW (EP6)	88	550470		550045			
2.0 HDi 138	(UA_)	10/06 -	RHJ (DW10BTED4)	100	550473	550432		550569		550383
2.0 HDi 150	(UA_)	07/09 -	--	110						550383

C4 Picasso		02/07 -								
-------------------	--	----------------	--	--	--	--	--	--	--	--

1.6 HDi	(UD_)	02/07 -	9HZ (DV6TED4)	80	550014 550471	550432		550569		550383
1.6 THP 140	(UD_)	07/08 -	5FT (EP6DT)	103	550470					
1.6 VTi 120	(UD_)	07/08 -	5FW (EP6)	88	550470		550045			
2.0 HDi 138	(UD_)	02/07 -	RHJ (DW10BTED4)	100	550473	550432		550569		550383
2.0 HDi 150	(UD_)	07/09 -	--	110						550383

C5		03/01 -								
-----------	--	----------------	--	--	--	--	--	--	--	--

1.6 HDi	(RC_)	09/04 -	9HY (DV6TED4)	80	550014 550471	550117		550569		550383
	(RD_)	02/08 -	DV6TED4	80	550014			550569		550383
	Break (RE_)	09/04 -	9HY (DV6TED4)	80	550014 550471	550117		550569		550383
	Break (TD_)	02/08 -	DV6TED4	80	550014			550569		550383
1.6 THP 155	(RD_)	04/09 -	5FV (EP6DT)	115	550470					
	Break (TD_)	04/09 -	5FV (EP6DT)	115	550470					
1.8 16V	(DC_)	03/01 - 08/04	6FZ (EW7J4)	85	550011	550010	550045	550130		550386
	(RC_)	09/04 -	6FZ (EW7J4)	85		550010	550045	550133		550386
	Break (DE_)	06/01 - 08/04	6FZ (EW7J4)	85		550010	550045	550130		550386
	Break (RE_)	09/04 -	6FZ (EW7J4)	85		550010	550045	550133		550386
	(RC_)	09/05 -	6FY-EW7A	92		550010				
	Break (RE_)	09/05 -	6FY-EW7A	92		550010				
2.0 16V	(DC_)	03/01 - 08/04	RFN (EW10J4)	100	550011	550010	550045	550130		550386
	Break (DE_)	06/01 - 08/04	RFN (EW10J4)	100		550010	550045	550130		550386
	(RC_)	09/04 -	EW10A	103		550010		550133		
	Break (RE_)	09/04 -	RFJ (EW10A)	103		550010				
2.0 16V HPi	(DC_)	03/01 - 08/04	RLZ (EW10D)	103	550011	550118	550045	550136		550386
	Break (DE_)	06/01 - 08/04	RLZ (EW10D)	103		550118	550045	550136		550386
2.0 HDi	(DC_)	03/01 - 08/04	RHY (DW10TD)	66	550011	550117 550432				
	Break (DE_)	06/01 - 08/04	RHY (DW10TD)	66		550117 550432				
	(DC_)	03/01 - 08/04	RHS (DW10ATED)	79		550432				
	Break (DE_)	06/01 - 08/04	RHS (DW10ATED)	79		550432				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(DC_)	03/01 - 08/04	RHZ (DW10ATED)	80	550011 550176	550432				
	Break (DE_)	06/01 - 08/04	RHZ (DW10ATED)	80		550432				
	(RC_)	09/04 -	DW10BTED4	100	550473	550117 550432		550569		550383
	(RD_)	02/08 -	DW10BTED4	100		550432		550569		550383
	Break (RE_)	09/04 -	RHR (DW10BTED4)	100	550473	550432		550569		550383
	Break (TD_)	02/08 -	DW10BTED4	100	550473	550432		550569		550383
2.2 HDi	(DC_)	03/01 - 08/04	4HX (DW12TED4/FAP)	98	550011 550176	550117 550432				
	(RC_)	09/04 -	4HX (DW12TED4/FAP)	98	550011 550014	550117 550432				550079
	Break (DE_)	06/01 - 08/04	4HX (DW12TED4/FAP)	98		550117 550432				
	Break (RE_)	09/04 -	4HX (DW12TED4/FAP)	98	550014	550117 550432				
	(RC_)	04/06 -	4HT (DW12BTED4)	125	550014					550383
	(RD_)	02/08 -	4HT (DW12BTED4)	125	550471					550383
	Break (RE_)	04/06 -	4HT (DW12BTED4)	125	550014					550383
	Break (TD_)	02/08 -	4HT (DW12BTED4)	125	550471					550383
3.0	(RD_)	02/08 -	XFV (ES9A)	152						550386
	Break (TD_)	02/08 -	--	152						550386
3.0 V6	(DC_)	03/01 - 08/04	XFV (ES9J4S)	152	550176	550118	550425	550136		550386
	(RC_)	09/04 -	XFV (ES9A), XFX (ES9J4S)	152		550118	550045	550136		550386
	Break (DE_)	06/01 - 08/04	XFV (ES9J4S)	152	550176	550118	550425	550136		550386
	Break (RE_)	09/04 -	XFV (ES9A)	152			550045			550386
	(RD_)	02/08 -	XFU (ES9A)	155			550425			550386
	Break (TD_)	02/08 -	XFU (ES9A)	155			550425			550386

C6

09/05 -

2.2 HDi	(TD_)	06/06 -	4HT (DW12BTED4)	125	550014 550471					550383
3.0 V6	(TD_)	09/05 -	ES9J4S	155			550425			550386

C8

07/02 -

2.0	(EA_, EB_)	07/02 -	RFN (EW10J4)	100	550013	550010	550045	550136		550386
2.0 16V	(EA_, EB_)	09/05 -	RFJ (EW10A)	103	550013	550010				
2.0 HDi	(EA_, EB_)	07/02 -	RHW (DW10ATED4)	79	550013	550117				
	(EA_, EB_)	02/07 -	RHK (DW10UTED4)	88	550473			550569		550383
2.0 HDi 135	(EA_, EB_)	03/06 -	RHR (DW10BTED4)	100		550432		550569		550383
2.2	(EA_, EB_)	07/02 -	3FZ (EW12J4)	116	550013	550010		550130		550386
2.2 HDi	(EA_, EB_)	07/02 -	4HW (DW12TED4)	94	550013	550117				
	(EA_, EB_)	06/06 -	4HT (DW12BTED4)	125						550383
3.0 V6	(EA_, EB_)	07/02 -	XFX (ES9J4S)	150		550118		550136		550386

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

DS3 11/09 -

1.4 VTi 95		04/10 -	8FP (EP3)	70	550470		550045			
1.6 THP 150		04/10 -	5FR (EP6DT)	115	550470					
1.6 VTi 120		04/10 -	5FS (EP6C)	88	550470		550045			

EVASION 06/94 - 07/02

1.8	(22, U6)	05/97 - 07/02	LFZ (XU7JP)	73			550148	550270	550047	
1.9 TD	(22, U6)	11/94 - 07/02	D8B (XUD9TF), DHX (XUD9TF/BTF)	66	550004 550006 550186					550047
2.0	(22, U6)	06/94 - 07/02	RFU (XU10J2/C)	89	550004 550006		550425	550148	550238 550270	550047
2.0 16V	(22, U6)	05/98 - 04/00	RFV (XU10J4R)	97	550004 550006	550116	550425	550131	550144 550511	550047
	(22, U6)	05/00 - 07/02	RFN (EW10J4)	100	550011 550013	550010	550045	550130		550047 550386
2.0 HDI	(22, U6)	08/99 - 07/02	RHZ (DW10ATED)	80	550013	550117				550047
2.0 TD	(22, U6)	05/97 - 07/02	--	68						550047
2.0 Turbo C.T.	(22, U6)	06/94 - 07/02	RGX (XU10J2TE)	108	550004 550006		550425		550144 550511	550047
2.1 TD	(22, U6)	05/96 - 07/02	P8C (XUD11BTE)	80	550004 550006					550047 550587

JUMPER 02/94 -

1.9 D	Box (230L)	02/94 - 04/02	D9B (XUD9A/U)	51	550186					
	Bus (230P)	01/99 - 04/02	D9B (XUD9A/U)	51	550186					
1.9 TD	Box (230L)	03/94 - 04/02	DHX (XUD9TF/BTF)	66	550186					
	Bus (230P)	08/94 - 04/02	D8C (XUD9UTF)	66	550186					
	Platform/Chassis (230)	03/94 - 04/02	DHX (XUD9TF/BTF)	66	550186					
	Box (230L)	03/94 - 04/02	D8C (XUD9UTF)	68	550186					
	Bus (230P)	02/94 - 04/02	D8C (XUD9UTF)	68	550186					
	Platform/Chassis (230)	03/94 - 04/02	D8C (XUD9UTF)	68	550186					
1.9 TD 4x4	Bus (230P)	08/96 - 04/02	D8C (XUD9UTF)	68	550186					
2.0	Box (230L)	03/94 - 04/02	RFW (XU10J2U)	80	550004 550006			550080	550238 550270	550048
	Bus (230P)	02/94 - 04/02	RFW (XU10J2U)	80	550004 550006			550080	550238 550270	
	Platform/Chassis (230)	03/94 - 04/02	RFW (XU10J2U)	80	550004 550006				550238 550270	
	Box (244)	04/02 -	XU10J2	81	550011	550010	550045			
	Bus (244, Z_)	04/02 -	XU10J2	81	550011	550010	550045			
2.0 4x4	Bus (230P)	08/96 - 04/02	RFW (XU10J2U)	80	550004 550006			550080	550270	
2.0 bivalent	Box (244)	02/03 -	XU10J2	81			550045			
2.0 HDi	Box (244)	04/02 -	RHV (DW10UTD)	62	550011					
	Bus (244, Z_)	04/02 -	RHV (DW10UTD)	62	550011					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.5 D	Box (230L)	03/94 - 04/02	T9A (DJ5)	63	550186					
	Bus (230P)	08/94 - 04/02	T9A (DJ5)	63	550186					
	Platform/Chassis (230)	03/94 - 04/02	T9A (DJ5)	63	550186					
2.5 D 4x4	Box (230L)	03/00 - 04/02	T9A (DJ5)	63	550186					
	Bus (230P)	08/96 - 04/02	T9A (DJ5)	63	550186					
	Platform/Chassis (230)	03/00 - 04/02	T9A (DJ5)	63	550186					
2.5 TD	Box (230L)	03/94 - 04/02	T8A (DJ5T)	76	550186					
	Bus (230P)	08/94 - 04/02	T8A (DJ5T)	76	550186					
	Platform/Chassis (230)	03/94 - 04/02	T8A (DJ5T)	76	550186					
2.5 TD 4x4	Bus (230P)	08/96 - 04/02	T8A (DJ5T)	76	550186					
2.5 TDi	Box (230L)	12/96 - 11/00	THX (DJ5TED)	79	550186					
	Bus (230P)	12/96 - 11/00	THX (DJ5TED)	79	550186					
	Platform/Chassis (230)	12/96 - 04/02	THX (DJ5TED)	79	550186					
2.5 TDi 4x4	Box (230L)	03/00 - 11/00	THX (DJ5TED)	79	550186					
2.5 TDi 4x4	Bus (230P)	12/96 - 11/00	THX (DJ5TED)	79	550186					
2.5 TDi 4x4	Platform/Chassis (230)	03/00 - 04/02	THX (DJ5TED)	79	550186					
2.8 HDi	Box (230L)	09/00 - 04/02	8140.43S	94	550095					
	Box (244)	04/02 -	8140.43S	94	550095					
	Bus (230P)	09/00 - 04/02	8140.43S	94	550095					
	Bus (244, Z_)	04/02 -	8140.43S	94	550095					
	Platform/Chassis (230)	09/00 - 04/02	8140.43S	94	550095					
	Platform/Chassis (244)	04/02 -	8140.43S	94	550095					
2.8 HDi 4x4	Box (230L)	09/00 - 04/02	8140.43S	94	550095					
	Box (244)	04/02 -	8140.43S	94	550095					
	Bus (230P)	09/00 - 04/02	8140.43S	94	550095					

JUMPY

06/94 -

1.6	(U6U)	10/95 -	1580 SPI, 220 A2.000	58	550228					550047
1.6 HDi 90		01/07 -	9HU (DV6UTED4)	66	550014 550471			550569		550383
	Box	01/07 -	9HU (DV6UTED4)	66	550014 550471			550569		550383
1.6 i	Box (BS_ BT_ BY_ BZ_)	10/95 -	1580 SPI, 220 A2.000	58	550228					550047
1.9 D	(U6U)	10/95 - 04/98	D9B (XUD9A/U)	51	550186					
1.9 D 70	(U6U)	04/98 -	WJZ (DW8)	51	550187					550047
	Box (BS_ BT_ BY_ BZ_)	04/98 -	WJZ (DW8)	51	550187					550047
1.9 TD	(U6U)	10/95 -	DHX (XUD9TF/BTF)	66	550004 550006 550186					550047
	Box (BS_ BT_ BY_ BZ_)	10/95 -	DHX (XUD9TF/BTF)	66	550004 550006 550186					550047

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TD	(U6U)	04/96 -	D8B (XUD9TF)	68	550004 550006 550186					550047
	Platform/Chassis (BU_, BV_, BW_, BX_)	10/99 -	D8B (XUD9TF)	68						550047
2.0	(U6U)	04/00 - 12/06	RFN (EW10J4)	100	550013		550045			550047 550386
	Platform/Chassis (BU_, BV_, BW_, BX_)	12/03 - 10/06	RFN (EW10J4)	100			550045			
2.0 HDi 110	(U6U)	03/00 -	RHZ (DW10ATED)	80	550013	550117				550047
	Box (BS_, BT_, BY_, BZ_)	01/02 -	RHZ (DW10ATED)	80	550013	550117				
2.0 HDi 120		01/07 -	RHK (DW10UTED4)	88	550473			550569		550383
	Box	01/07 -	RHK (DW10UTED4)	88				550569		550383
2.0 HDi 140		01/07 -	RHR (DW10BTED4)	100	550473	550432		550569		550383
	Box	01/07 -	RHR (DW10BTED4)	100		550432		550569		550383
2.0 HDi 95	(U6U)	10/99 -	RHX	69	550013					550047
	Box (BS_, BT_, BY_, BZ_)	10/99 -	RHX (DW10BTED)	69	550013	550432				550047
	Platform/Chassis (BU_, BV_, BW_, BX_)	10/99 -	RHX	69	550013					
2.0 i		01/07 -	RFH (EW10A)	103						550383
	Box	01/07 -	RFH (EW10A)	103						550383
2.0 i 16V	(U6U)	03/00 -	--	102	550011 550013	550010	550045			550047 550386
	Box (BS_, BT_, BY_, BZ_)	03/00 -	--	102	550011 550013	550010	550045			550047 550386

NEMO

02/08 -

1.4	Box (AA_)	02/08 -	KFV (TU3A)	54			550494			
	Estate	04/09 -	KFV (TU3A)	54			550494			
1.4 HDi	Box (AA_)	02/08 -	8HS (DV4TD)	50	550471					550383

SAXO

02/96 - 04/04

1.0 X	(S0, S1)	05/96 - 11/98	CDZ (TU9M)	33	550005 550007 550015					550047 550048
	(S0, S1)	05/98 - 06/03	CDZ (TU9M)	37	550015					550047 550048
1.1 X,SX	(S0, S1)	05/96 - 09/03	HDZ (TU1M)	40	550005 550007 550015					550047 550048
	(S0, S1)	05/96 - 09/03	HDZ (TU1M), HFX (TU1JP)	44	550005 550007 550015		550045	550133	550269	550047 550048
1.4 VTS	(S0, S1)	05/96 - 06/03	KFW (TU3JP), KFX (TU3JP)	55	550005 550007 550009 550015 550115		550045 550424	550130 550131 550133	550149 550269	550047 550048
1.5 D	(S0, S1)	09/96 - 09/03	VJY (TUD5)	40	550175 550187					550047 550048

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.5 D	(S0, S1)	09/96 - 06/01	VJZ (TUD5)	42	550175 550187						550047 550048
1.6	(S0, S1)	02/96 - 06/03	NFZ (TU5JP)	66						550144 550511	550387 550587
	(S0, S1)	02/01 - 04/04	NFT	74			550494				
	(S0, S1)	02/96 - 04/04	NFX (TU5JP4)	88			550045				550386
1.6 VTL,VTR	(S0, S1)	05/96 - 06/03	NFZ (TU5JP)	65	550009 550015		550424	550130 550131	550144 550149 550511		550047 550048 550387 550587
1.6 VTS	(S0, S1)	09/00 - 09/03	NFT	72	550009 550015		550424 550494	550133			
	(S0, S1)	06/96 - 09/03	NFX (TU5JP4)	87	550005 550007 550008		550045	550130 550131	550149		550047 550048 550386

XANTIA 03/93 - 04/03

1.6 i	(X1)	03/93 - 01/98	BFZ (XU5JP)	65				550148	550238 550270		
1.8 i	(X1)	04/97 - 01/98	LFX (XU7JB)	66	550004 550006		550045	550131	550149		
	(X2)	01/98 - 04/03	LFX (XU7JB)	66	550004 550006		550045	550130 550131			550047
	Break (X1)	04/97 - 01/98	LFX (XU7JB)	66	550004 550006		550045	550131			
	Break (X2)	01/98 - 04/03	LFX (XU7JB)	66	550004 550006		550045	550130 550131			550047
	(X1)	03/93 - 01/98	LFZ (XU7JP)	74	550004 550006			550148	550238 550270		
	Break (X1)	06/95 - 01/98	LFZ (XU7JP)	74	550004 550006			550148	550238 550270		
1.8 i 16V	(X1)	06/95 - 01/98	LFY (XU7JP4)	81	550004 550006			550131 550140	550144		
	(X2)	01/98 - 04/03	LFY (XU7JP4)	81	550004 550006	550116	550045	550130 550131 550140	550144 550511		550047
	Break (X1)	06/95 - 01/98	LFY (XU7JP4)	81	550004 550006			550131 550140	550144		
	Break (X2)	01/98 - 04/03	LFY (XU7JP4)	81	550004 550006	550116	550045	550130 550131 550140	550144 550511		550047
1.9 D	(X1)	06/94 - 01/98	DJZ (XUD9Y)	50	550186						
	(X1)	06/94 - 01/98	D9B (XUD9A/L)	51	550184 550186						
1.9 SD	(X1)	02/96 - 01/98	DHW (XUD9SD)	55	550186						
	(X2)	01/98 - 04/03	DHW (XUD9SD)	55	550186						550047
	Break (X1)	04/97 - 01/98	DHW (XUD9SD)	55	550186						
	Break (X2)	01/98 - 04/03	DHW (XUD9SD)	55	550186						550047
1.9 Turbo D	(X1)	10/94 - 01/98	DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66	550186						
	(X2)	01/98 - 04/03	DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66							550047

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

CITROËN



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 Turbo D	Break (X1)	06/95 - 01/98	D8B (XUD9TF), DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66	550186					
	Break (X2)	01/98 - 04/03	D8B (XUD9TF), DHX (XUD9TF/BTF)	66						550047
2.0 HDI 109	(X2)	02/99 - 04/03	RHZ (DW10ATED)	80	550004 550006					550047
	Break (X2)	02/99 - 04/03	RHZ (DW10ATED)	80	550004 550006					550047
2.0 HDI 90	(X2)	03/99 - 04/03	RHY (DW10TD)	66	550004 550006	550117				550047
	Break (X2)	03/99 - 04/03	RHY (DW10TD)	66	550004 550006	550117				550047
2.0 i	(X1)	03/93 - 01/98	RFX (XU10J2C)	89	550004 550006		550286	550080 550148	550238 550270	
	(X2)	01/98 - 04/03	RFX (XU10J2C)	89	550004 550006		550286			550047
	Break (X1)	06/95 - 01/98	RFX (XU10J2C)	89	550004 550006		550286	550148	550238 550270	
	Break (X2)	01/98 - 04/03	RFX (XU10J2C)	89	550004 550006		550286			550047
2.0 i 16V	(X1)	06/95 - 01/98	RFV (XU10J4R)	97	550004 550006				550144 550511	
	(X2)	01/98 - 04/03	RFV (XU10J4R)	97	550004 550006			550131	550144 550511	550047
	Break (X1)	06/95 - 01/98	RFV (XU10J4R)	97	550004 550006				550144 550511	
	Break (X2)	01/98 - 04/03	RFV (XU10J4R)	97	550004 550006			550131	550144 550511	550047
	(X1)	06/94 - 01/98	RFT (XU10J4/Z)	110	550004 550006 550115		550286		550144	
	(X1)	03/93 - 01/98	RFY (XU10J4/Z)	112	550004 550006 550115		550286		550144	
2.0 Turbo	(X1)	06/95 - 01/98	RGX (XU10J2TE)	108	550004 550006		550286		550144 550511	
	(X2)	01/98 - 04/03	RGX (XU10J2TE)	108	550004 550006		550425		550144 550511	550047
	Break (X1)	06/95 - 01/98	RGX (XU10J2TE)	108	550004 550006		550286		550144 550511	
	Break (X2)	01/98 - 04/03	RGX (XU10J2TE)	108	550004 550006		550425		550144 550511	550047
2.1 Turbo D 12V	(X1)	06/95 - 01/98	P8C (XUD11BTE)	80	550004 550006					550587
	(X2)	01/98 - 02/99	P8C (XUD11BTE)	80	550004 550006					550587
	Break (X1)	06/96 - 01/98	P8C (XUD11BTE)	80	550004 550006					550587
	Break (X2)	01/98 - 02/99	P8C (XUD11BTE)	80	550004 550006					550587
3.0 i 24V	(X1)	01/97 - 01/98	XFZ (ES9J4)	140	550004 550006			550131	550267	550386

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.0 V6	(X2)	01/98 - 04/03	XFZ (ES9J4)	140	550004 550006			550131	550267	550047 550386
	Break (X2)	01/98 - 04/03	XFZ (ES9J4)	140	550004 550006			550131	550267	550047 550386

XM 05/89 - 10/00

2.0	(Y3)	05/89 - 06/94	R6A	94						550587
	Break (Y3)	05/89 - 06/94	R6A	94						550587
2.0 i	(Y3)	05/89 - 04/94	RDZ (XU10MZ)	79						550384 550587
	Break (Y3)	11/91 - 04/94	RDZ (XU10MZ), XU102C	79						550384 550587
	(Y3)	05/89 - 06/94	RFZ (XU10J2)	89				550080	550144	550384 550587
	Break (Y3)	11/91 - 04/94	RFZ (XU10J2)	89					550144	550384 550587
2.0 i 16V	(Y4)	05/94 - 10/00	RFV (XU10J4R)	97	550004 550006		550425	550130 550131	550144 550511	550047 550384
	Break (Y4)	05/94 - 10/00	RFV (XU10J4R)	97	550004 550006		550425	550130 550131	550144 550511	550047 550384
2.0 i Turbo	(Y3)	09/92 - 06/94	RGY (XU10J2TE/Z)	104					550144	550384
2.0 Turbo	Break (Y3)	09/92 - 04/94	RGY (XU10J2TE/Z)	104					550144	550384
	(Y4)	05/94 - 10/00	RGX (XU10J2TE)	108	550004 550006				550144	550047 550384
	Break (Y4)	05/94 - 10/00	RGX (XU10J2TE), RGY (XU10J2TE/Z)	108	550004 550006				550144	550047 550384
2.1 TD 12V	(Y3)	05/89 - 06/94	P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	550481					
	(Y4)	05/94 - 10/00	P8A (XUD11ATE), P8C (XUD11BTE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	550004 550006 550481					550047
	Break (Y3)	11/91 - 04/94	P8A (XUD11ATE), P8C (XUD11BTE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	550481					
	Break (Y4)	05/94 - 10/00	P8C (XUD11BTE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	550004 550006 550481					550047 550587
2.5 TD	(Y4)	05/94 - 10/00	THY (DK5ATE)	95	550004 550006					550047 550587
	Break (Y4)	05/94 - 10/00	THY (DK5ATE)	95	550004 550006					550047 550587
3.0 V6	(Y3)	05/89 - 06/94	SFZ (ZPJZ), UFZ (ZPJZ)	123			550286	550140	550144	550384 550587
	(Y4)	05/94 - 10/00	SFZ (ZPJZ), UFZ (ZPJZ)	123			550286	550140	550144 550511	550047 550384 550587
	Break (Y3)	11/91 - 04/94	SFZ (ZPJZ), UFZ (ZPJZ)	123			550286	550140	550144	550384 550587
	Break (Y4)	05/94 - 10/00	SFZ (ZPJZ), UFZ (ZPJZ)	123			550286	550140	550144 550511	550047 550384 550587

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.0 V6	(Y4)	04/97 - 10/00	XFZ (ES9J4)	140	550004 550006			550130 550131 550140	550267	550047 550384 550386
	Break (Y4)	04/97 - 10/00	XFZ (ES9J4)	140	550004 550006			550130 550131 550140	550267	550047 550384 550386
3.0 V6 24V	(Y3)	07/90 - 06/94	SKZ (ZPJ4/Z), UKZ (ZPJ4/Z)	147	550114		550286	550140	550144	550384
	(Y4)	05/94 - 10/00	SKZ (ZPJ4/Z), UKZ (ZPJ4/Z)	147	550114		550286	550140	550144 550511	550047 550384 550587

XSARA 04/97 - 08/05

1.4 HDi	(N1)	01/03 - 03/05	8HX (DV4TD)	50	550014	550017				
	Break (N2)	01/03 - 08/05	8HX (DV4TD)	50	550014	550017				
	Coupe (N0)	01/03 - 03/05	8HX (DV4TD)	50	550014	550017				
1.4 i	(N1)	04/97 - 03/05	KFW (TU3JP), KFX (TU3JP)	55	550005 550007 550015 550115		550045 550424	550130 550131	550149	550047
	Break (N2)	10/97 - 08/05	KFW (TU3JP), KFX (TU3JP)	55	550005 550007 550015 550115		550045 550424	550130 550131	550149	550047
	Coupe (N0)	03/98 - 03/05	KFW (TU3JP), KFX (TU3JP)	55	550015 550115		550045 550424	550130 550131		550047
1.5 D	(N1)	04/97 - 09/00	VJZ (TUD5)	42	550187					550047
	Break (N2)	10/97 - 09/00	VJZ (TUD5)	42	550187					550047
1.6 16V	(N1)	09/00 - 03/05	NFU (TU5JP4)	80	550015 550016		550424 550494	550133		550047
	Break (N2)	09/00 - 08/05	NFU (TU5JP4)	80	550015 550016		550424 550494	550133		550047
	Coupe (N0)	09/00 - 03/05	NFU (TU5JP4)	80	550015 550016		550424 550494	550133		
1.6 i	(N1)	04/97 - 09/00	NFZ (TU5JP)	65	550005 550007 550009 550015		550424	550131	550144 550511	550047 550387 550587
	Break (N2)	10/97 - 09/00	NFZ (TU5JP)	65	550005 550007 550009 550015		550424	550131	550144 550511	550047 550387 550587
	Coupe (N0)	02/98 - 09/00	NFZ (TU5JP)	65	550009 550015				550144	550047 550387
1.8 D	(N1)	04/97 - 09/00	161A (XUD7), A9A (XUD7)	43	550186					550047
	Break (N2)	10/97 - 09/00	A9A (XUD7)	43	550186					550047
1.8 i	(N1)	04/97 - 09/00	LFX (XU7JB)	66			550045	550131	550149 550270	550047
	Break (N2)	10/97 - 09/00	LFX (XU7JB)	66			550045	550131	550149 550270	550047
	Coupe (N0)	02/98 - 09/00	LFX (XU7JB)	66			550045	550131		550047

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 i 16V	(N1)	04/97 - 09/00	LFY (XU7JP4)	81			550045	550131 550140	550144 550511	550047
	Break (N2)	10/97 - 09/00	LFY (XU7JP4)	81			550045	550131 550140	550144 550511	550047
	Coupe (N0)	02/98 - 09/00	LFY (XU7JP4)	81			550045	550131 550140	550144 550511	550047
1.8 i Aut.	(N1)	04/97 - 09/00	LFZ (XU7JP)	74				550080	550270	550047
	Break (N2)	10/97 - 09/00	LFZ (XU7JP)	74					550270	550047
1.8 TD	(N1)	10/97 - 09/00	--	66						550047
1.8 VTS	(N1)	09/00 - 10/04	6FZ (EW7J4)	85				550140		
	Coupe (N0)	09/00 - 10/04	6FZ (EW7J4)	85				550140		
1.9 D	(N1)	04/97 - 09/00	DJY (XUD9A)	50	550186					550047
	Break (N2)	10/97 - 09/00	DJY (XUD9A)	50	550186					550047
	(N1)	07/98 - 03/05	WJY (DW8B), WJZ (DW8)	51	550004 550006 550187					550047
	Break (N2)	07/98 - 08/05	WJY (DW8B), WJZ (DW8)	51	550004 550006 550187					550047
	Coupe (N0)	02/99 - 03/05	WJY (DW8B), WJZ (DW8)	51	550004 550006 550187					550047
	Break (N2)	01/98 - 09/00	DHV (XUD9BSD)	55	550004 550006 550186					550047
1.9 SD	(N1)	01/98 - 09/00	DHV (XUD9BSD)	55	550004 550006 550186					550047
1.9 TD	(N1)	04/97 - 09/00	DHY (XUD9TE/Y)	66	550186					550047
	Break (N2)	10/97 - 09/00	DHY (XUD9TE/Y)	66	550186					550047
	Coupe (N0)	02/98 - 09/00	DHY (XUD9TE/Y)	66	550186					
2.0	Coupe (N0)	08/98 - 08/00	RFV (XU10J4R)	97					550511	
2.0 16V	(N1)	07/98 - 09/00	RFV (XU10J4R)	97	550004 550006			550131	550144 550511	550047
	Break (N2)	07/98 - 09/00	RFV (XU10J4R)	97	550004 550006			550131	550144 550511	550047
	(N1)	09/00 - 03/05	RFN (EW10J4)	100	550011 550018	550010	550045	550130		550047 550386
	Break (N2)	09/00 - 08/05	RFN (EW10J4)	100	550011 550018	550010	550045	550130		550047 550386
	Coupe (N0)	09/00 - 03/05	RFN (EW10J4)	100	550011 550018	550010	550045	550130		550047 550386
	(N1)	04/97 - 09/00	RFS (XU10J4RS)	120	550004 550006			550131	550267	550047
2.0 HDi 109	(N1)	05/01 - 03/05	RHZ (DW10ATED)	80	550176	550432		550569		
	Break (N2)	05/01 - 08/05	RHZ (DW10ATED)	80	550176	550432		550569		
	Coupe (N0)	05/01 - 03/05	RHZ (DW10ATED)	80		550432		550569		

CITROËN

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 HDi 90	(N1)	02/99 - 03/05	RHY (DW10TD)	66	550011 550012 550176	550117 550432				550047
2.0 HDi 90	Break (N2)	02/99 - 08/05	RHY (DW10TD)	66	550011 550012 550176	550117 550432				550047
	Coupe (N0)	02/99 - 03/05	RHY (DW10TD)	66	550011 550012 550176	550117 550432				
2.0 i 16V	Coupe (N0)	02/98 - 03/05	RFS (XU10J4RS)	120	550004 550006 550115			550131	550267	550047

XSARA PICASSO 12/99 -

1.6	(N68)	12/99 -	NFZ (TU5JP)	65	550012		550424	550130		550047 550387
	(N68)	06/02 -	--	67			550424			
	(N68)	12/99 -	NFV (TU5JP)	70			550424 550494			550047
1.6 16V	(N68)	09/05 -	NFU (TU5JP4)	80	550012		550494			
1.6 HDi	(N68)	09/05 -	--	66	550014 550471			550569		550383
	(N68)	05/04 -	DV6TED4	80	550014 550471	550117		550569		550383
1.8 16V	(N68)	02/00 -	6FZ (EW7J4)	85	550011	550010	550045	550130		550047 550386
2.0 16V	(N68)	01/03 -	RFN (EW10J4)	100	550011	550010	550045	550130 550136		550386
2.0 HDi	(N68)	12/99 -	RHY (DW10TD)	66	550011 550018	550117 550432				550047

ZX 03/91 - 02/98

1.1	(N2)	03/91 - 06/97	HDZ (TU1M)	44	550005 550007					550048
1.4	(N2)	03/91 - 06/97	KDZ (TU3M/Z)	55						550048
1.4 i	(N2)	03/91 - 06/97	KDX (TU3M/Z), KDZ (TU3M/Z), KFX (TU3JP)	55				550080	550149	550048
	Break (N2)	10/93 - 10/97	KDX (TU3M/Z), KDY (TU3M)	55					550149	550048
1.6 i	(N2)	03/91 - 06/97	BDY (XU5M), BFZ (XU5JP)	65	550004 550006				550238 550270	550048 550384 550587
	Break (N2)	10/93 - 10/97	BDY (XU5M), BFZ (XU5JP)	65	550004 550006			550148	550238	550048
1.8	(N2)	04/96 - 10/97	LFY (XU7JP4)	82					550511	
1.8 D	(N2)	06/93 - 06/97	161A (XUD7)	44	550186					550048
	Break (N2)	10/93 - 10/97	161A (XUD7)	44	550186					550048
1.8 i	(N2)	07/92 - 06/97	LFZ (XU7JP)	74	550004 550006			550148	550270	550048
	Break (N2)	10/93 - 10/97	LFZ (XU7JP)	74	550004 550006			550148		550048

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 i 16V	(N2)	01/96 - 06/97	LFY (XU7JP4)	81				550131	550144 550511	550048
	Break (N2)	01/96 - 02/98	LFY (XU7JP4)	81	550004 550006			550131	550144 550511	550048
1.9	(N2)	03/91 - 06/97	D6E (XU9JA)	93	550427					550587
1.9 D	(N2)	03/91 - 06/97	DJZ (XUD9Y)	47	550186					550048
	Break (N2)	10/93 - 10/97	DJZ (XUD9Y)	47	550186					550048
	(N2)	07/93 - 06/97	D9B (XUD9A/U)	50	550184 550186					550048
	Break (N2)	06/94 - 10/97	D9B (XUD9A/U)	50	550184 550186					550048
1.9 i	(N2)	03/91 - 06/97	DKZ (XU9JA)	88	550427					550048 550384
1.9 TD	(N2)	07/92 - 06/97	DHY (XUD9TE/Y)	66	550186					550048
	Break (N2)	10/93 - 10/97	DHY (XUD9TE/Y)	66	550186					550048
2.0 i	(N2)	07/92 - 06/97	RFX (XU10J2C)	89	550004 550006		550286	550080 550148	550238 550270	550048
					550004		550286		550144	550048
2.0 i 16V	(N2)	06/94 - 06/97	RFT (XU10J4/Z)	110	550006 550115					
	(N2)	07/92 - 10/94	RFT (XU10J4/Z), RFY (XU10J4/Z)	112	550115		550286		550144	550048
	(N2)	05/96 - 06/97	RFS (XU10J4RS)	120	550115			550131	550267	550048

DACIA

LOGAN

09/04 -

1.4	(LS_)	09/04 -	K7J 710	55	550467					550379
								550173		550379 550385 550386 550409
1.5 dCi	(LS_)	09/05 -	K9K 790	48						550379 550385 550386 550409
								550173		550379 550385 550386 550409
	(LS_)	01/06 -	K9K 792	50						550379 550385 550386 550409
	(LS_)	09/07 -	K9K 796	63						550379
1.6	(LS_)	09/04 -	K7M 710	64	550467					550379
1.6 16V	(LS_)	02/06 -	K4M 690	77	550537					550379

LOGAN MCV

02/07 -

1.4	(KS_)	02/07 -	K7J 710	55	550467					
										550385 550386 550409
1.5 dCi	(KS_)	02/07 -	K9K 792	50						550385 550386 550409
1.6	(KS_)	02/07 -	K7M 710	64	550467					
1.6 16V	(KS_)	02/07 -	K4M 690	77	550537					

SANDERO

06/08 -

1.2 16V		11/08 -	D4F 732	55						550379
---------	--	---------	---------	----	--	--	--	--	--	--------

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4		06/08 -	K7J 710	55	550467					550379
1.5 dCi		11/08 -	K9K 792	50						550379
		11/08 -	K9K 796	63						550379
1.6		06/08 -	K7M 710	64	550467					550379

DAEWOO

EVANDA 08/02 -

2.0	(KLAL)	08/02 -	L88	96		550153				
-----	--------	---------	-----	----	--	--------	--	--	--	--

KALOS 09/02 -

1.2	(KLAS)	04/03 -	B12S1	53	550401 550402	550405	550284	550391		550407
1.4 16V	(KLAS)	04/03 -	F14D3	69	550401 550402	550405		550391		

LACETTI 02/04 -

1.4	Hatchback (KLAN)	02/04 -	F14D3	70			550284			550406
1.6	Hatchback (KLAN)	02/04 -	F16D3	80						550406
1.8	Hatchback (KLAN)	02/04 -	T18SED	90		550153	550284			

LANOS 05/97 -

1.4	(KLAT)	05/97 -	A14SMS	55			550230 550284			
	Saloon (KLAT)	05/97 -	A14SMS	55			550230 550284			
1.5	(KLAT)	05/97 -	A15SMS	63			550284			
	Saloon (KLAT)	05/97 -	A15SMS	63			550284			
1.6 16V	(KLAT)	05/97 -	A16DMS	78			550230 550284	550140		
	Saloon (KLAT)	05/97 -	A16DMS	78			550230 550284	550140		

LEGANZA 06/97 - 04/04

2.0	(KLAV)	01/01 - 12/02	--	133		550153				
2.0 16V	(KLAV)	07/00 -	T20SED	93		550153	550284			
	(KLAV)	06/97 - 12/02	X 20 SED	98	550155	550153	550284	550141		
2.2 16V	(KLAV)	04/99 - 12/02	T22SED	100	550259	550153	550284			

MATIZ 09/98 -

0.8	(KLYA)	09/98 -	F8CV	38	550401 550402		550154 550284	550390 550391	550400	550407 550560 550564
1.0	(KLYA)	01/03 -	B10S	47			550284			550407

MUSSO 07/98 -

3.2 4x4	(FJ)	01/99 -	M 104.992	162	550226					
---------	------	---------	-----------	-----	--------	--	--	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

DAEWOO



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

NEXIA 02/95 - 03/01

1.5	(KLETN)	08/96 - 08/97	G15MF	44							550563
	Saloon (KLETN)	08/96 - 08/97	G15MF	44							550563
	(KLETN)	02/95 - 08/97	G15MF	52							550563
	Saloon (KLETN)	02/95 - 08/97	G15MF	52							550563
	(KLETN)	02/95 - 08/97	G15MF	55							550563
	Saloon (KLETN)	02/95 - 08/97	G15MF	55							550563
1.5 16V	(KLETN)	02/95 - 08/97	A15MF	66							550563
	Saloon (KLETN)	02/95 - 08/97	A15MF	66							550563

NUBIRA 04/97 -

1.6	Saloon (KLAN)	07/03 -	F16D3	80			550284				
1.6 16V	Saloon (KLAJ)	07/00 -	A16DMS	76		550405	550284	550140			
	Wagon (KLAJ)	12/00 -	A16DMS	76			550284				550406
	(KLAJ)	05/97 -	A16DMS	78	550170 550171		550230 550284				550406
	Saloon (KLAJ)	05/97 -	A16DMS	78	550170 550171		550230 550284				550406
	Wagon (KLAJ)	05/97 -	A16DMS	78	550170		550230 550284				550406
1.8	Saloon (KLAN)	07/03 -	T18SED	90			550153				
2.0 16V	Saloon (KLAJ)	12/00 -	T20SED	93			550153 550405	550284			
	Wagon (KLAJ)	12/00 -	T20SED	93			550153	550284			
	(KLAJ)	05/97 -	X 20 SED	98	550155	550153	550284	550141			
	Saloon (KLAJ)	05/97 -	X 20 SED	98			550153	550284	550141		
	Wagon (KLAJ)	05/97 -	X 20 SED	98			550153	550284	550141		

REZZO 09/00 -

1.6	(KLAU)	09/00 -	A16DMS	77		550405		550561			550406
1.8	(KLAU)	09/00 -	F18D2	67			550284	550561			550406
	(KLAU)	09/00 -	A18DMS	72		550405	550284	550561			550406
	(KLAU)	09/00 -	--	74		550405	550284	550561			550406
2.0	(KLAU)	09/01 -	X 20 SED	89			550153 550405	550284	550561		
	(KLAU)	09/00 -	T20SED	94			550153 550405	550284	550561		

DAF**95 XF 01/97 - 09/02**

FA 95 XF 380		01/97 - 09/02	XF 280 M	280							550587
FA 95 XF 430		01/97 - 09/02	XE 315 C	315							550587
FA 95 XF 480		01/97 - 09/02	XE 355 C	355							550587
FA 95 XF 530		01/97 - 09/02	XE 390 C	390							550587
FAC 95 XF 380		01/97 - 09/02	XE 280 C	280							550587

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS****DAF**

FAC 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FAC 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FAC 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FAD 95 XF 380	01/97 - 09/02	XF 280 M	280						550587
FAD 95 XF 430	01/97 - 09/02	XF 315 M	315						550587
FAD 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FAD 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FAR 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FAR 95 XF 430	01/97 - 09/02	XE 315 C, XF 315 M	315						550587
FAR 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FAR 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FAS 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FAS 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FAS 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FAS 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FAT 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FAT 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FAT 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FAT 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FT 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FT 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FT 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FT 95 XF 530	02/01 - 09/02	XE 390 C	390						550587
FTG 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FTG 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FTG 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FTG 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FTR 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FTR 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FTR 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FTR 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FTS 95 XF 380	01/97 - 09/02	XE 280 C, XF 280 M	280						550587
FTS 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FTS 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FTS 95 XF 530	01/97 - 09/02	XE 390 C	390						550587
FTT 95 XF 380	01/97 - 09/02	XE 280 C	280						550587
FTT 95 XF 430	01/97 - 09/02	XE 315 C	315						550587
FTT 95 XF 480	01/97 - 09/02	XE 355 C	355						550587
FTT 95 XF 530	01/97 - 09/02	XE 390 C	390						550587

CF 75**01/01 -**

FA 75.250	01/01 -	PE 183 C	183						550587
-----------	---------	----------	-----	--	--	--	--	--	--------

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

FAD 75.250		01/01 -	PR 183 S	183							550587
FAG 75.250, FAN 75.250		01/01 -	PE 183 C	183							550587
FAR 75.250, FAS 75.250		01/01 -	PE 183 C	183							550587
FAT 75.250		01/01 -	PE 183 C	183							550587
FT 75.250		01/01 -	PE 183 C	183							550587

CF 85

01/01 -

FA 85.340		01/01 -	XE 250 C	250							550587
FA 85.380		01/01 -	XE 280 C	280							550587
FA 85.430		01/01 -	XE 315 C	315							550587
FAD 85.340		01/01 -	XE 250 C	250							550587
FAD 85.380		01/01 -	XE 280 C	280							550587
FAD 85.430		01/01 -	XE 315 C	315							550587
FAG 85.340, FAN 85.340		01/01 -	XE 250 C	250							550587
FAG 85.380, FAN 85.380		01/01 -	XE 280 C	280							550587
FAG 85.430, FAN 85.430		01/01 -	XE 315 C	315							550587
FAR 85.340, FAS 85.340		01/01 -	XE 250 C	250							550587
FAR 85.380, FAS 85.380		01/01 -	XE 280 C	280							550587
FAR 85.430, FAS 85.430		01/01 -	XE 315 C	315							550587
FAT 85.340		01/01 -	XE 250 C	250							550587
FAT 85.380		01/01 -	XE 280 C	280							550587
FAT 85.430		01/01 -	XE 315 C	315							550587
FAX 85.340		-	XE 250 C	250							550587
FAX 85.380		-	XE 280 C	279							550587
FAX 85.430		-	XE 315 C	315							550587
FT 85.340		01/01 -	XE 250 C	250							550587
FT 85.380		01/01 -	XE 280 C	280							550587
FT 85.430		01/01 -	XE 315 C	315							550587
FTG 85.340		01/01 -	XE 250 C	250							550587
FTG 85.380		01/01 -	XE 280 C	280							550587
FTG 85.430		01/01 -	XE 315 C	315							550587
FTP 85.340		-	XE 250 C	250							550587
FTP 85.380		-	XE 280 C	280							550587
FTP 85.430		-	XE 315 C	315							550587
FTS 85.340		01/01 -	XE 250 C	250							550587
FTS 85.380		01/01 -	XE 280 C	280							550587
FTS 85.430		01/01 -	XE 315 C	315							550587
FTT 85.340		01/01 -	XE 250 C	250							550587
FTT 85.380		01/01 -	XE 280 C	280							550587

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

FTT 85.430		01/01 -	XE 315 C	315							550587
		-	XE 315 C	315							550587

DAIHATSU

YRV 02/01 -

1.3	(M2)	02/01 -	K3-VE	64		550440					
1.3 4WD	(M2)	02/01 -	K3-VE	64		550440					

FERRARI

456 GT/GTA 01/93 - 06/04

		01/93 -	--	325							550587
--	--	---------	----	-----	--	--	--	--	--	--	--------

5__ MARANELLO 09/96 -

550		09/96 -	F 133	357							550587
-----	--	---------	-------	-----	--	--	--	--	--	--	--------

FIAT

500 10/07 -

1.2		10/07 -	169 A4.000	51	550370	550245		550098			
1.3 D Multijet		10/07 -	169 A1.000	55	550003			550097			
1.4		10/07 -	169 A3.000	74	550306	550245	550305				

ARGENTA 05/77 - 03/87

2000	(132A)	06/78 - 12/85	132 C2.000, 132 D1.000	83	550071						
2000 i.e.	(132A)	06/81 - 07/86	132 C3.000	90	550071			550080			

BARCHETTA 03/95 -

1.8 16V	(183)	04/95 -	183 A1.000, 188 A6.000	96	550240 550242	550113					
---------	-------	---------	---------------------------	----	------------------	--------	--	--	--	--	--

BRAVA 10/95 - 12/02

1.2 16V 80	(182)	10/00 - 10/01	188 A5.000	59	550190		550305	550098			
	(182)	12/98 - 10/00	182 B2.000	60			550286	550257			
1.4	(182)	10/95 - 10/01	182 A5.000	55		550134	550286				
1.4 12 V	(182)	10/95 - 08/98	182 A3.000	59		550134	550286				
1.6 16V	(182)	10/95 - 10/01	182 A6.000	66	550067	550094		550080	550150	550553	
	(182)	02/96 - 10/01	182 A4.000	76	550067 550259	550094		550080 550125	550150	550553	
1.8 GT 16V	(182)	10/95 - 10/01	182 A2.000	83	550240 550242	550113					
1.9 JTD	(182)	09/00 - 10/01	182 B9.000	74	550426			550360			
1.9 JTD 105	(182)	12/98 - 10/01	182 B4.000	77	550426	550057		550360			
1.9 TD 100 S	(182)	03/96 - 10/01	182 A7.000	74		550134					
1.9 TD 75 S	(182)	03/96 - 10/01	182 A8.000	55		550134					
2.0	(182)	09/98 - 08/00	182 B7.000	113			550597				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

FIAT

BRAVO		10/95 -								
1.2 16V 80	I (182)	10/00 - 10/01	188 A5.000	59	550190		550305	550098		
	I (182)	12/98 - 10/00	182 B2.000	60			550286	550257		
1.4	I (182)	10/95 - 10/01	182 A5.000	55		550134	550286			
	I (182)	10/95 - 10/01	182 A3.000	59		550134	550286			
	II (198)	04/07 -	192 B2.000	66	550306	550245	550305			
1.4 LPG	II (198)	11/09 -	192 B2.000	66				550607		
1.4 T-Jet	II (198)	09/07 -	198 A4.000	88	550306		550305			
	II (198)	09/07 -	198 A1.000	110	550306		550305			
1.6 16V	I (182)	10/95 - 10/01	182 A6.000	66	550067	550094		550080	550150	550553
	I (182)	03/96 - 10/01	182 A4.000	76	550067 550259	550094		550080 550125	550150	550553
1.8 GT	I (182)	10/95 - 10/01	182 A2.000	83	550240 550242	550113				
1.9 D Multijet	II (198)	04/07 -	192 A8.000	88	550268					
1.9 JTD	I (182)	09/00 - 10/01	182 B9.000	74	550426			550360		
1.9 JTD 105	I (182)	12/98 - 10/01	182 B4.000	77	550426	550057		550360		
1.9 TD 100 S	I (182)	03/96 - 10/01	182 A7.000	74		550134				
1.9 TD 75 S	I (182)	03/96 - 10/01	182 A8.000	55		550134				
2.0 HGT 20V	I (182)	10/95 - 07/98	182 A1.000	108		550113 550134	550230		550144	
	I (182)	07/98 - 10/01	182 B7.000	113	550062	550191	550597			

CINQUECENTO		07/91 - 07/99								
0.7 i	(170)	07/94 - 01/98	170 A.046	22	550071					
0.9	(170)	07/91 - 12/93	170 A1.000	30	550091					
0.9 i.e.	(170)	07/91 - 12/93	170 A1.046	30					550149	
0.9 i.e. S	(170)	07/91 - 07/99	1170 A1.000, 1170 A1.046	29	550070 550091			550080	550149	
1.1 Sporting	(170)	10/94 - 01/98	176 B2.000	40	550069			550080	550149	

COUPE		11/93 - 08/00								
1.8 16V	(FA/175)	03/96 - 08/00	183 A1.000	96	550240 550242	550113				
2.0 16V	(FA/175)	11/93 - 08/96	836 A3.000	102	550090			550080		550553
2.0 16V Turbo	(FA/175)	11/93 - 08/96	175 A1.000	140	550090		550230	550147		550553
2.0 20V	(FA/175)	08/96 - 04/98	182 A1.000	108		550113 550134	550230		550144	
2.0 20V	(FA/175)	04/98 - 08/00	182 B3.000	113	550062	550191	550597			
2.0 20V Turbo	(FA/175)	08/96 - 08/00	175 A3.000	162		550113 550134	550286		550144	

CROMA		12/85 -								
1.8 16V	(194)	12/05 -	939 A4.000	103		550574				
1.9 D Multijet	(194)	06/05 -	939 A1.000	88	550268	550057		550271		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(194)	06/05 -	939 A2.000	110		550001		550271		
1600	(154)	12/85 - 12/90	154 A.048	61	550071 550089					
1900 Turbo D i.d.	(154)	05/89 - 10/92	154 C6.000	66	550090					
	(154)	11/92 - 12/96	154 D1.000	69	550090					
2.2 16V	(194)	06/05 -	194 A1.000	108	550571			550141		
2.4 D Multijet	(194)	06/05 -	939 A3.000	147	550000	550001		550271		
2000 16V	(154)	08/92 - 08/96	154 E1.000	101	550167		550230		550144	
2000 CHT	(154)	12/85 - 02/89	154 A1.000	66	550071 550089					
2000 i.e.	(154)	03/86 - 09/90	834 B.048	83	550071 550089					
	(154)	10/87 - 08/96	154 C3.046, 834 B.146	85	550071 550089			550080		
	(154)	03/87 - 09/92	154 C3.000, 834 B.000	88	550071			550080		
2000 i.e. Turbo	(154)	06/87 - 08/96	154 C4.046, 834 C.146	110	550071					
	(154)	11/86 - 11/88	834 C.146	111	550071 550089					
	(154)	12/85 - 06/90	154 A2.000	114	550071 550089					
2500 TD	(154)	05/89 - 08/96	8144.97, 8144.97 Y	85	550090					
2500 TDE	(154)	12/91 - 08/96	8144.97 S	77	550090					
2500 V6	(154)	06/93 - 08/96	834 G.000	119					550144	

DOBLO

03/01 -

1.2	(119)	03/01 -	223 A5.000	48	550096	550128		550125		
	Cargo (223)	03/01 -	223 A5.000	48	550096	550128		550125		
1.3 D Multijet	Cargo (223)	10/05 -	199 A2.000	55	550003			550097		
	(119)	10/05 -	223 A9.000	62	550003			550271		
1.3 JTD 16V	Cargo (223)	05/04 -	188 A9.000	51	550003	550002		550097		
1.4	(119)	10/05 -	350 A1.000	57	550370	550245		550098		
	Cargo (223)	10/05 -	350 A1.000	57	550370	550245		550098		
1.6 16V	(119)	10/01 -	182 B6.000	76		550094 550128		550125		
	Cargo (223)	10/01 -	182 B6.000	76		550094 550128		550125		
1.9 D	(119)	03/01 -	223 A6.000	46	550055					
	Cargo (223)	03/01 -	223 A6.000	46	550055					
1.9 D Multijet	(119)	10/05 -	186 A9.000	88	550268			550244 550271		
1.9 JTD	(119)	10/01 -	182 B9.000	74	550055	550057		550097		
	Cargo (223)	10/01 -	182 B9.000	74	550055	550057		550097		
	(119)	07/03 -	223 A7.000	77	550055 550268	550057		550097 550271		
	Cargo (223)	07/03 -	223 A7.000	77	550055 550268	550057		550097		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

DUCATO

01/82 -

1.8	Box (280)	01/82 - 10/88	169 B	49	550482					
1.9 TD	Box (230L)	04/98 - 04/02	DHX (XUD9TF/L)	66	550004 550006					
	Bus (230)	04/98 - 04/02	DHX (XUD9TF/L)	66	550004 550006					
	Platform/Chassis (230)	04/98 - 04/02	DHX (XUD9TF/L)	66	550004 550006					
120 Multijet 2,3 D	Box (250)	07/06 -	F1AE0481D	88					550271	
	Bus (250)	07/06 -	F1AE0481D	88					550271	
	Platform/Chassis (250)	07/06 -	F1AE0481D	88					550271	
160 Multijet 3,0 D	Box (250)	07/06 -	F1CE3481M	116					550271	
	Bus (250)	07/06 -	F1CE3481M	116					550271	
	Platform/Chassis (250)	07/06 -	F1CE3481M	116					550271	
2.0	Box (280)	07/85 - 08/90	170 B	55	550482					
	Panorama (280)	01/86 - 08/90	170 B	55	550482					
	Box (230L)	03/94 - 04/02	RFW	80				550080	550238 550270	
	Platform/Chassis (230)	06/98 - 04/02	RFW	80				550080		
	Box (244)	04/02 -	RFL	81	550011					
	Bus (244, Z_)	04/02 -	RFL	81	550011					
2.0 JTD	Box (230L)	10/01 - 04/02	RHV (DW10)	62	550011					
	Box (244)	04/02 -	RHV (DW10)	62	550011					
	Bus (230)	10/01 - 04/02	RHV (DW10)	62	550011					
	Bus (244, Z_)	04/02 -	RHV (DW10)	62	550011					
	Platform/Chassis (244)	04/02 -	RHV (DW10)	62	550011					
2.0 Panorama/Combinato	Bus (230)	03/94 - 04/02	RFW	80				550080	550238 550270	
2.8 D	Box (230L)	05/98 - 04/02	8140.63	64	550095					
	Bus (230)	02/98 - 04/02	8140.63	64	550095					
	Platform/Chassis (230)	02/98 - 04/02	8140.63	64	550095					
2.8 D 4x4	Box (230L)	08/98 - 04/02	8140.63	64	550095					
2.8 JTD	Box (230L)	11/00 - 04/02	8140.43S	94	550095 550279					
	Bus (230)	11/00 - 04/02	8140.43S	94	550095 550279					
2.8 JTD	Platform/Chassis (230)	11/00 - 04/02	8140.43S	94	550095 550279					
2.8 JTD 4x4	Box (230L)	11/00 - 04/02	8140.43S	94	550095 550279					
	Bus (230)	11/00 - 04/02	8140.43S	94	550095 550279					

FIORINO

01/88 -

1.3 D Multijet	Box Body / Estate (225)	02/08 -	199 A9.000	55					550097	
60 1.7 D	Box (146 Uno)	05/88 - 10/96	146 B2.000	42	550093					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

70 i.e. 1.4	Box (146 Uno)	05/94 - 05/01	146 C5.000, 146 D5.000	49	550056 550228					
75 i.e. 1.5	Box (146 Uno)	05/88 - 12/93	149 C1.000	55	550071					
75 i.e. 1.6	Box (146 Uno)	10/93 - 05/01	146 C6.000, 146 D6.000	55	550056 550228					

IDEA 12/03 -

1.2 16V		01/04 -	188 A5.000	59	550306		550305	550098		
1.3 D Multijet		10/05 -	199 A3.000	66	550003			550271		
1.3 JTD		01/04 -	188 A9.000	51	550003	550002		550097		
1.4		10/05 -	350 A1.000	57	550370	550245		550098		
1.4 16V		01/04 -	843 A1.000	70			550305	550098		
1.9 JTD		01/04 -	188 B2.000	74	550268	550057		550244 550271		

LINEA 06/07 -

1.3 D Multijet	(323)	06/07 -	199 A3.000	66	550003					
1.4	(323)	06/07 -	350 A1.000	57	550370	550245				
1.4 T-Jet	(323)	09/07 -	198 A4.000	88	550306	550245	550305	550097		

MAREA 09/96 -

1.2 16V	(185)	10/98 -	182 B2.000	60			550286	550257		
	Weekend (185)	10/98 -	182 B2.000	60			550286	550257		
1.4 80 12V	(185)	09/96 -	182 A3.000	59		550134	550286			
	Weekend (185)	09/96 -	182 A3.000	59		550134	550286			
1.6 100 16V	(185)	09/96 -	182 A4.000	76	550067 550259	550094		550080 550125	550150	550553
	Weekend (185)	09/96 -	182 A4.000	76	550067 550259	550094		550080 550125	550150	550553
1.6 100 16V Bipower	(185)	04/99 -	185 A3.000, 186 A4.000	76		550094		550125		550553
1.6 SX	(185)	09/00 - 08/02	182 B5.098	72						550553
1.8 115 16V	(185)	09/96 -	182 A2.000	83	550240 550242	550113				
	Weekend (185)	09/96 -	182 A2.000	83	550240 550242	550113				
1.9 JTD 105	(185)	04/99 - 01/01	182 B4.000	77	550055 550426	550057		550360		
	Weekend (185)	04/99 -	182 B4.000	77	550055 550426	550057		550360		
1.9 JTD 110	(185)	01/01 -	186 A6.000	81	550055 550426	550057		550097 550360		
	Weekend (185)	01/01 -	186 A6.000	81	550055 550426	550057		550097 550360		
1.9 TD 100	(185)	09/96 -	182 A7.000	74		550134				
	Weekend (185)	09/96 -	182 A7.000	74		550134				
1.9 TD 75	(185)	09/96 -	182 A8.000	55		550134				
	Weekend (185)	09/96 -	182 A8.000	55		550134				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

FIAT



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 150 20V	(185)	09/96 - 04/99	182 A1.000	108		550113 550134	550230		550144	
	Weekend (185)	09/96 - 04/99	182 A1.000	108		550113 550134	550230		550144	
	(185)	01/01 -	185 A8.000	110	550062	550191	550597			
	Weekend (185)	01/01 -	185 A8.000	110	550062	550191	550597			
2.0 155 20V	(185)	04/99 - 01/01	182 B7.000	113	550062		550597			
	Weekend (185)	04/99 - 01/01	182 B7.000	113	550062		550597			
2.4 JTD 130	(185)	04/99 -	185 A6.000, 839 A5.000	96	550055 550426	550057		550360		
	Weekend (185)	04/99 -	185 A6.000, 839 A5.000	96	550426	550057		550360		
2.4 TD 125	(185)	09/96 - 04/99	185 A2.000	91		550134				
	Weekend (185)	09/96 - 04/99	185 A2.000	91		550134				

MULTIPLA 04/99 - 12/10

1.6 100 16V	(186)	04/99 -	182 A4.000	76	550067			550125		
1.6 16V Bipower	(186)	04/99 -	186 A4.000	76	550067	550094		550125		
1.6 16V Blupower	(186)	04/99 -	186 A3.000	70	550067	550094		550125		
1.9 JTD	(186)	04/02 -	186 A9.000	88	550268			550244 550271		
1.9 JTD 105	(186)	04/99 -	182 B4.000	77	550055 550426	550057		550097		
1.9 JTD 110	(186)	03/01 - 07/02	186 A6.000	81	550055 550426	550057		550097 550360		
1.9 JTD 115	(186)	07/02 -	186 A8.000	85	550055 550268	550057		550097		

PALIO 04/96 -

1.2	(178BX)	07/97 - 08/02	178 B7.045, 188 A4.000	44	550370					
	Weekend (178DX)	02/01 -	188 A4.000	44				550125		
	(178BX)	06/98 -	176 A8.000, 178 E2.000	54					550149	
	Weekend (178DX)	04/96 - 02/01	178 B5.000	54	550064			550080	550149	
1.4	(178BX)	04/96 -	178 B2.000	51	550083					
1.4 CAT	(178BX)	04/96 -	178 B2.016	51	550083					
1.6	Weekend (178DX)	07/97 - 10/03	178 C7.098, 178 D2.011	68						550553
	(178BX)	06/99 -	--	70						550553
1.6	Weekend (178DX)	07/97 -	178 C7.098	70						550553
1.6 16V	(178BX)	04/96 -	178 B3.000	74					550150	550553
	Weekend (178DX)	04/96 - 02/01	178 B3.000	74	550067	550094		550080 550125	550150	550553
	Weekend (178DX)	02/01 -	182 B6.000	76				550125		
1.7 TD	Weekend (178DX)	04/96 - 03/01	176 A3.000	51	550093					
1.9 D	Weekend (178DX)	03/01 -	223 A6.000	46	550055					
Extra CEE	Weekend (178DX)	01/97 - 12/01	--	0	550096					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

PANDA 03/80 -

1.1	(169)	09/03 -	187 A1.000	40	550370	550245	550098		
1.2	(169)	09/03 -	188 A4.000	44	550370		550098		
	Van (169)	09/04 -	188 A4.000	44	550370				
1.2 4x4	(169)	10/04 -	188 A4.000	44	550370		550098		
	Van (169)	09/04 -	188 A4.000	44	550370				
1.2 Bi-Power / Natural Power	(169)	01/07 -	188 A4.000	44	550370	550245			
1.3 D Multijet	(169)	09/03 -	188 A9.000	51	550003	550002	550097		
1.3 D Multijet 4x4	(169)	10/04 -	188 A9.000	51	550003	550002	550097		
1.4	(169)	10/06 -	169 A3.000	74	550306	550305			
1000 4x4	(141A_)	05/86 - 12/94	141 C2.000, 156 A2.246	33	550127				
1000 i.e. CAT	(141A_)	10/87 - 08/98	141 C2.000, 156 A2.246	33	550064 550127		550080	550149	
1100	(141A_)	05/91 - 12/99	156 C.046	37	550127		550080	550149	
	(141A_)	02/95 - 09/03	176 B2.000, 187 A1.000	40	550074 550127	550128	550080 550125	550149	
1100 4x4	(141A_)	02/95 - 07/04	176 B2.000	40	550064 550074 550127	550128	550080	550149	
1100 Trekking 4x4	(141A_)	10/91 - 07/04	156 C.046	37		550128	550080	550149	
900	(141A_)	04/92 - 12/96	1170 A1.046	29	550070		550080	550149	
	(141A_)	10/80 - 06/94	100 GL3.000, 146 A.000	33			550149		

PUNTO 09/93 -

1.1	Van (176L)	04/96 - 02/00	176 B2.000	40	550064		550080	550149	
1.2 16V 80	(188)	09/99 -	188 A5.000	59	550112 550306	550245	550305	550098	
1.2 60	(188)	09/99 -	188 A4.000	44	550064 550370	550128 550245	550098 550125		
	Van (188AX)	02/00 -	188 A4.000	44	550370	550128	550125		
1.2 Natural Power	(188)	09/03 -	188 A4.000	44	550370	550245	550125		
1.3 JTD 16V	(188)	06/03 -	188 A9.000	51	550003	550002	550097		
1.4	(188)	09/03 -	843 A1.000	70	550306	550305	550098		
1.4 GT Turbo	(176)	09/96 - 09/99	176 B6.000	96	550083	550286	550144		
	(176)	01/94 - 09/96	176 A4.000	98	550083	550286	550144		
1.7 D	(176)	04/94 - 09/97	176 B3.000	42	550093				
	Van (176L)	04/96 - 02/00	176 B3.000	42	550093				
1.7 TD	(176)	01/94 - 09/99	176 A3.000	51	550093				
	(176)	01/94 - 09/99	176 A5.000	52	550093				
	Van (176L)	04/96 - 02/00	176 A5.000	52	550093				
1.8 130 HGT	(188)	09/99 -	183 A1.000, 188 A6.000	96	550240				
1.9 D 60	Van (188AX)	02/00 -	188 A3.000	44	550055 550426				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 DS 60	(188)	09/99 -	188 A3.000	44	550055 550426					
1.9 JTD	(188)	10/01 -	188 A7.000	63	550055 550268 550426	550057		550097 550360		
	Van (188AX)	02/00 -	188 A7.000	63	550055	550057		550097 550360		
	(188)	06/03 -	188 B2.000	74	550268	550057		550271		
1.9 JTD 80	(188)	09/99 -	188 A2.000	59	550055 550426	550057		550097 550360		
55 1.1	(176)	09/93 - 09/99	176 A6.000, 176 B2.000	40	550064			550080	550149	
60 1.2	(176)	01/94 - 09/99	176 A7.000	43	550064				550149	
	Convertible (176C)	04/94 - 06/00	176 A7.000	43					550149	
	(176)	03/94 - 09/99	176 B1.000, 176 B4.000	44	550064			550080	550149	
	Convertible (176C)	05/95 - 06/00	176 B1.000, 176 B4.000	44	550064			550080	550149	
60 TD 1.7	(176)	09/96 - 09/99	176 B7.000	46	550093					
75 1.2	(176)	10/93 - 09/99	176 A8.000	54	550064			550080	550149	
85 16V 1.2	(176)	04/97 - 09/99	176 B9.000	63	550064				550149	
	Convertible (176C)	04/97 - 06/00	176 B9.000	63	550064				550149	
90 1.6	(176)	01/94 - 04/97	176 A9.000	65	550241			550140		
	Convertible (176C)	04/94 - 04/97	176 A9.000	65	550241			550140		

GRANDE PUNTO

10/05 -

1.2	(199)	10/05 -	199 A4.000	48	550370	550245		550098		
1.3 D Multijet	(199)	10/05 -	199 A2.000	55	550003	550002		550097		
	(199)	10/05 -	199 A3.000	66	550003	550002		550271		
1.4	(199)	10/05 -	350 A1.000	57	550370	550245		550098		
1.4 16V	(199)	10/05 -	199 A6.000	70	550306		550305			
1.4 Abarth	(199)	12/07 -	199 A8.000	114	550306	550245	550305	550097		
1.4 T-Jet	(199)	09/07 -	198 A4.000	88	550306	550245	550305	550097		
1.9 D Multijet	(199)	10/05 -	939 A1.000	88	550268	550057		550271		
	(199)	10/05 -	199 A5.000	96	550268			550271		

QUBO

09/08 -

1.3 D Multijet	(225)	09/08 -	199 A2.000	55				550097		
----------------	-------	---------	------------	----	--	--	--	--------	--	--

REGATA

09/83 - 06/91

100 1.6	Weekend	09/84 - 12/86	149 A4.000	74	550071					
100 Super 1.6	(138)	10/83 - 12/90	149 A2.000, 149 A4.000	74	550071 550089					
70 1.3	(138)	09/83 - 07/89	149 A3.000, 149 A7.000	48	550071 550089					
75 1.5	(138)	12/83 - 12/87	138 B3.048, 138 C3.048	55	550071 550089					
	Weekend	09/84 - 07/89	138 B3.048, 138 C3.048	55	550071 550089					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

85 1.5	(138)	05/85 - 12/87	149 A5.000	58	550071 550089					
85 1.6	(138)	10/83 - 06/90	149 A.000	60	550071 550089					
85 Super 1.5	(138)	09/83 - 04/85	138 B3.000	60	550071 550089					

RITMO 01/78 - 12/88

105 1.6	II (138A)	01/83 - 12/87	138 AR.000	77	550071					
105 Sport 1.6	I (138A)	05/81 - 12/82	138 AR.000	77	550071 550089					
125 TC Abarth 2.0	I (138A)	11/81 - 09/82	138 AR1.000	92	550071 550089					
130 TC Abarth 2.0	II (138A)	04/83 - 12/87	138 AR2.000	96	550071 550089					
60 1.1	II (138A)	10/82 - 10/85	138 B.000, 138 B1.000, 38 C1.000	40	550071 550089					
	II (138A)	04/85 - 12/87	146 A4.048	43	550071 550089					
75 i.e. 1.5	I (138A)	10/85 - 05/87	138 C2.048, 149 C1.000	55	550071					
85 1.5	II (138A)	08/85 - 05/87	149 A5.000	58	550071 550089					
	II (138A)	01/83 - 12/87	138 B3.000	60	550071 550089					
	I (138A)	01/81 - 09/82	138 A4.000	63	550071 550089					

SCUDO 02/96 -

1.6	Box (220L)	02/96 -	220 A 2.000	58	550228					550047
	Combinato (220P)	02/96 -	220 A 2.000	58	550228					550047
1.6 D Multijet	(270_)	01/07 -	9HU	66				550569		
	Box (270_)	01/07 -	9HU	66				550569		
	Platform/Chassis (270_)	01/07 -	9HU	66				550569		
1.9 D	Box (220L)	02/96 -	D9B	51						550047
	Box (220L)	04/98 -	WJZ (DW8)	51						550047
	Combinato (220P)	04/98 -	WJZ (DW8)	51						550047
1.9 TD	Box (220L)	02/96 -	DHX (XUD9TF/L)	66	550004 550006					550047
1.9 TD	Box (220L)	02/98 -	D8B	68						550047
	Combinato (220P)	02/96 -	D8B	68						550047
1.9 TD Eco	Combinato (220P)	02/96 -	DHX (XUD9TF/L)	66	550004 550006					550047
2.0	Box (220L)	05/00 -	RFN	100	550013			550130		550386
2.0 16V	Combinato (220P)	06/00 -	RFN	100	550011			550130		550386
2.0 D Multijet	(270_)	01/07 -	RHK	88				550569		550383
	Box (270_)	01/07 -	RHK	88				550569		
	Platform/Chassis (270_)	01/07 -	RHK	88				550569		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(270_)	01/07 -	RHR	100	550473			550569		550383
	Box (270_)	01/07 -	RHR	100	550473			550569		550383
	Platform/Chassis (270_)	01/07 -	DW10BTED4	100	550473			550569		550383
2.0 D Multijet 4x4	(270_)	01/07 -	RHK	88				550569		
	Box (270_)	01/07 -	RHK	88				550569		
2.0 JTD	Box (220L)	12/99 -	RHX	69	550013					550047
	Box (220L)	12/02 -	RHZ	80		550432				
	Combinato (220P)	12/99 -	RHZ	80	550013	550117		550432		550047

SEDICI

06/06 -

1.9 D Multijet 4x4		06/06 -	D19AA	88	550268			550244		550271
--------------------	--	---------	-------	----	--------	--	--	--------	--	--------

SEICENTO

01/98 -

0.9	(187)	01/98 -	1170 A1.046	29	550070			550080		550149
	Van (187)	01/98 -	1170 A1.046	29						550149
1.1	(187)	01/98 -	176 B2.000, 187 A1.000	40	550069 550074	550128 550245		550080 550125		550149
	Van (187)	01/98 -	176 B2.000	40	550069					550149

SIENA

04/96 -

1.2	(178_)	09/98 -	178 B5.000	54						550149
1.4	(178_)	04/96 -	178 B2.000	51	550083					
	(178_)	01/07 -	199 A1.000	57		550245				
1.4 CAT	(178_)	04/96 -	178 B2.016	51	550083					
1.6 16V	(178_)	09/98 -	178 B3.000	78						550553

STILO

10/01 -

1.2 16V	(192)	02/02 -	188 A5.000	59	550112	550245	550305	550098		
1.4 16V	(192)	03/05 -	192 B2.000	66	550112 550306	550245	550305	550098		
	Multi Wagon (192)	03/05 -	192 B2.000	66	550306	550245	550305	550098		
	(192)	01/04 -	843 A1.000	70	550306	550245	550305	550098		
	Multi Wagon (192)	01/04 -	843 A1.000	70	550306	550245	550305	550098		
1.6 16V	(192)	10/01 -	182 B6.000	76		550094		550125		
1.6 16V	Multi Wagon (192)	01/03 -	182 B6.000	76		550094		550125		
1.8 16V	(192)	10/01 -	192 A4.000	98	550240					
	Multi Wagon (192)	01/03 -	192 A4.000	98	550240					
1.9 D Multijet	(192)	09/05 -	192 A9.000	74	550268	550057		550097		
	Multi Wagon (192)	09/05 -	192 A9.000	74	550268	550057		550097		
	(192)	09/05 -	192 A8.000	88	550268	550057		550271		
	Multi Wagon (192)	09/05 -	192 A8.000	88	550268	550057		550271		
	(192)	09/05 -	937 A5.000	110	550000	550001		550244 550271		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	Multi Wagon (192)	09/05 -	937 A5.000	110				550244 550271		
1.9 JTD	(192)	02/02 -	192 A3.000	59	550055	550057		550097		
	Multi Wagon (192)	01/03 -	192 A3.000	59	550055 550268	550057		550097		
	(192)	09/04 -	192 B5.000	66	550268			550271		
	(192)	10/01 -	192 A1.000, 937 A7.000	85	550055 550268	550057		550097 550244 550271		
	Multi Wagon (192)	01/03 -	192 A1.000	85	550055 550268	550057		550097		
	(192)	09/03 -	937 A4.000	93				550244		
	Multi Wagon (192)	09/03 -	937 A4.000	93				550244		
	(192)	01/04 -	192 A5.000	103	550000	550001		550244 550271		
	Multi Wagon (192)	01/04 -	192 A5.000	103	550000	550001		550244 550271		
2.4 20V	(192)	10/01 -	192 A2.000	125	550062	550191	550597			

STRADA

09/98 -

1.2	(178E)	04/03 -	188 A4.000	44	550096	550128		550125		
	(178E)	06/99 -	178 B5.000	54		550128			550149	
1.3 D Multijet	(178E)	05/06 -	223 A9.000	62	550003			550244 550271		
1.7 TD	(178E)	06/99 -	176 A3.000	51	550093					
1.9 D	(178E)	12/00 -	223 A6.000	46	550426					
1.9 JTD	(178E)	04/03 -	188 A2.000	59	550055 550268	550057		550097		

TEMPRA

03/90 - 12/98

1.4 i.e.	(159)	03/92 - 08/96	160 A1.046, 836 A4.000	51	550056 550195 550196					
	S.W. (159)	10/92 - 08/96	160 A1.046, 836 A4.000	51	550056 550195 550196					
1.6	(159)	03/90 - 04/93	159 A3.000	63	550056					
	S.W. (159)	12/90 - 04/93	159 A3.000	63	550056 550196					
1.6 i.e.	(159)	06/92 - 08/96	159 A3.048, 835 C1.000	55	550056 550196					
	S.W. (159)	10/92 - 08/96	159 A3.048, 835 C1.000	55	550056 550196					
	(159)	06/90 - 07/92	159 A3.046	57	550056					
	S.W. (159)	10/90 - 08/96	159 A3.046, 835 C1.000	57	550056					
	(159)	06/94 - 08/96	159 B9.000	63				550140		
	(159)	06/94 - 08/96	159 B9.000	66	550056			550140		
	S.W. (159)	06/94 - 08/96	159 B9.000	66	550056			550140		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 4x4	S.W. (159)	07/92 - 06/93	159 A4.000	80						550553
1.8 i.e.	(159)	09/93 - 08/96	835 C4.000	66	550092 550099				550150	550553
	S.W. (159)	09/93 - 08/96	835 C4.000	66	550092 550099				550150	550553
	(159)	10/94 - 08/96	836 A5.000	74	550092 550099			550080	550150	550553
	S.W. (159)	10/94 - 08/96	836 A5.000	74	550092			550080	550150	550553
	(159)	09/93 - 08/96	835 C2.000	76	550092 550099			550080	550150	550553
	S.W. (159)	09/93 - 08/96	835 C2.000	76	550092 550099			550080	550150	550553
	(159)	03/92 - 08/96	159 A4.046	77	550090 550099			550080	550150	550553
	S.W. (159)	03/92 - 12/93	159 A4.046	77	550090 550099			550080	550150	550553
	(159)	03/90 - 08/96	159 A4.000	81				550080		
	S.W. (159)	03/90 - 08/96	159 A4.000	81				550080		
2.0 i.e.	(159)	10/90 - 08/96	159 A6.046	83	550090 550099			550080		550553
	S.W. (159)	01/91 - 03/95	159 A6.046	83	550090 550099					550553
2.0 i.e. 4x4	S.W. (159)	03/92 - 03/95	159 A6.046	83	550090 550099			550080		550553

TIPO

07/87 - 04/95

1.4	(160)	07/87 - 12/89	160 A1.000, 160 A1.048	52	550056					
1.4 i.e.	(160)	05/89 - 04/95	160 A1.046, 836 A4.000	51	550056 550195 550196					
	(160)	05/89 - 04/95	159 A2.000	57	550056					
1.6 i.e.	(160)	10/92 - 04/95	159 A3.048, 835 C1.000	55	550056 550195 550196					
	(160)	07/90 - 01/93	159 A3.046	57	550056					
	(160)	02/88 - 05/91	149 C2.046	66	550056					
1.8 i.e.	(160)	03/93 - 04/95	836 A5.000	71					550150	
1.8 i.e.	(160)	09/93 - 04/95	835 C4.000	66	550092 550099			550080	550150	550553
1.8 i.e.	(160)	10/94 - 04/95	159 A4.000	74				550080	550150	
	(160)	04/93 - 04/95	835 C2.000	76	550092 550099			550080	550150	550553
	(160)	10/90 - 06/93	159 A4.046	77	550090 550099			550080	550150	
1.8 i.e. 16V Sport	(160)	11/89 - 06/92	160 A5.000	100	550090					550553
2.0 16V	(160)	07/91 - 04/95	160 A8.046	107				550080		550553
2.0 i.e.	(160)	06/90 - 03/92	159 A5.046	80	550090 550099					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(160)	03/90 - 04/95	159 A6.046	83	550090 550099			550080		550553
2.0 i.e. 16V Sport	(160)	03/93 - 04/95	836 A3.000	102	550090 550099			550080		550553

ULYSSE

06/94 -

1.8	(220)	05/97 - 08/02	LFW	73	550004 550006			550148	550270	550047
1.9 TD	(220)	02/95 - 08/02	DHX (XUD9TF/L)	66	550004 550006					550047
2.0	(220)	06/94 - 08/02	RFU (XU10J2C)	89	550004 550006		550425	550148	550238 550270	550047
	(179AX)	08/02 -	RFN(EW10J4)	100	550013 550018					550386
2.0 16V	(220)	05/98 - 09/00	RFV	97	550004 550006	550116	550425	550131		550047
	(220)	09/00 - 08/02	RFN	100	550004 550006 550011 550013			550130		550047 550386
2.0 D Multijet	(179AX)	05/06 -	RHK	88	550473			550569		550383
	(179AX)	05/06 -	RHR	100				550569		550383
2.0 JTD	(179AX)	05/03 -	RHM(DW10ATED4)	79	550013					
	(179AX)	08/02 -	RHW(DW10ATED4)	80	550013	550117 550432				550383
	(220)	10/99 - 08/02	RHZ	80	550013	550117 550432				550047
2.0 Turbo	(220)	06/94 - 08/02	RGX (XU10J2CTE)	108	550004 550006		550425		550144 550511	550047
2.1 TD	(220)	03/96 - 10/99	P8C	80	550004 550006					550047
2.2 D Multijet	(179AX)	03/08 -	4HT (DW12BTED4)	125				550462		550383
2.2 JTD	(179AX)	08/02 -	4HW(DW12ATED4)	94	550013					550383
3.0 V6	(179AX)	08/02 -	XFW	150	550018		550425			550386

UNO

01/83 - 03/00

1.3 Turbo i.e.	(146A/E)	01/87 - 12/87	146 A2.146	73	550071 550089					
	(146A/E)	09/89 - 03/91	146 A2.246	74	550071 550089					
1.3 Turbo i.e.	(146A/E)	04/85 - 08/89	146 A2.000	77	550071 550089					
1.4 Turbo i.e.	(146A/E)	09/89 - 09/93	146 A8.046	82	550056 550071 550089 550091					
45 0.9	(146A/E)	03/83 - 09/92	146 A.000, 146 A.1000	33	550071 550089					
70 i.e. 1.4	(146A/E)	09/89 - 12/93	160 A1.046	51	550056 550091					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(146A/E)	09/89 - 12/93	146 C1.000	53	550056 550091					
75 i.e. 1.5	(146A/E)	10/85 - 12/93	138 C2.048, 149 C1.000	55	550071					

FORD**C-MAX**

02/07 -

1.6		02/07 -	HWDA	74	550183					550464
1.6 TDCi		02/07 -	HHDA	66	550014 550183 550315 550471			550569		550383
		02/07 -	G8DC, MTDA	74				550569		
		02/07 -	G8DA	80	550014 550183 550315 550471			550569		550383
1.8		02/07 -	QQDA	92	550183					550464
1.8 Flexifuel		02/07 -	Q7DA	92	550183					
1.8 TDCi		02/07 -	KKDA	85			550298	550412		550383
2.0		02/07 -	AODA	107	550183 550373					550464
2.0 TDCi		02/08 -	IXDA	81				550569		550383
		02/07 -	G6DA	100	550183 550321	550432		550569		550383

COUGAR

08/98 - 12/01

2.0 16V	(EC_)	08/98 - 12/01	EDBA, EDBB, EDBC, EDBD	96	550037 550223 550313 550374	550041				
2.5 ST 200	(EC_)	01/00 - 12/01	SGA	151	550223 550374					
2.5 V6 24V	(EC_)	08/98 - 12/01	LCBA	125	550223 550260 550374	550290				550311 550323
	(EC_)	06/00 - 12/01	LCBB, LCBC, LCBE	125	550223 550260 550374	550290				

ESCORT

09/80 -

1.1	'86 Express (AVF)	05/86 - 07/90	GSG	37	550036					
1.1	IV (GAF, AWF, ABFT)	12/85 - 07/90	GSG	37	550036					
	IV Estate (AWF, AVF)	10/85 - 09/90	GSG	37	550036					
1.3	'86 Express (AVF)	02/86 - 07/90	JBB, JLA, JLB	44	550036					
	IV (GAF, AWF, ABFT)	01/86 - 07/90	JBB, JLA, JLB	44	550036					
	IV Estate (AWF, AVF)	01/86 - 07/90	JBB, JLA, JLB	44	550036					
	V (GAL)	07/90 - 09/92	J4B, J6A	44	550036					550312
	V Estate (GAL, AVL)	09/91 - 09/92	J4B, J6A	44	550036					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	VI (GAL)	09/92 - 01/95	J4B, J6A	44	550036					550202	550312
	VI Estate (GAL)	09/92 - 01/95	J4B, J6A	44	550036						
	VI Saloon (GAL)	08/93 - 01/95	J4B, J6A	44	550036					550202	
	VII (GAL, AAL, ABL)	01/95 - 10/98	J4B, J6A	44	550036 550037	550038		550161			550311 550312
	VII Estate (GAL, ANL)	01/95 - 10/98	J4B, J6A	44	550036 550037	550038		550161			550311
	VII Saloon (GAL, AFL)	01/95 - 02/99	J4B, J6A	44	550036 550037	550038		550161			550311
	'86 Express (AVF)	07/88 - 07/90	JBA	46	550036						
	'91 Express (AVL)	07/90 - 12/94	JBD	46	550036					550202	
	IV (GAF, AWF, ABFT)	07/88 - 10/90	JBA	46	550036						
1.4	IV (GAF, AWF, ABFT)	10/85 - 10/90	FUAA	51	550035						
	'91 Express (AVL)	07/90 - 12/94	F6F, F6G	52	550036					550249	
	V (GAL)	07/90 - 09/92	F6F, F6G	52	550036						550312
	V Convertible (ALL)	07/90 - 12/92	F6F, F6G	52						550202 550249	
	V Estate (GAL, AVL)	07/90 - 09/92	F6F, F6G	52	550036						
					550036					550082	550312
	VI (GAL)	09/92 - 01/95	F6F, F6G	52						550202 550249	
	VI Convertible (ALL)	12/92 - 04/94	F6F, F6G	52	550036					550202 550249	
	VI Estate (GAL)	09/92 - 01/94	F6F, F6G	52	550036					550202 550249	
	VI Saloon (GAL)	08/93 - 04/94	F6F, F6G	52	550036					550202 550249	
	'95 Box (AVL)	01/95 -	F4B	54	550036						
	IV (GAF, AWF, ABFT)	01/86 - 07/90	F6B, F6D, FUC	54	550035		550199				
	IV Convertible (ALF)	02/87 - 07/90	F6B, F6D, FUC	54	550035		550199				
	IV Estate (AWF, AVF)	01/86 - 07/90	F6B, F6D, FUC	54	550035		550199				
	IV (GAF, AWF, ABFT)	01/86 - 07/90	FUA	55	550035		550199				
	IV Convertible (ALF)	01/86 - 07/90	FUA	55	550035		550199				
	IV Estate (AWF, AVF)	01/86 - 07/90	FUA	55	550035		550199				
	VI (GAL)	01/94 - 01/95	FUH	55	550036			550420		550082 550202 550249	550312
					550036			550420		550082 550202 550249	
1.4	VI Estate (GAL)	01/94 - 01/95	F4B	55						550082 550202 550249	
	VI Saloon (GAL)	08/93 - 01/95	F4B	55	550036					550082 550202 550249	
					550036					550082	550311
	VII (GAL, AAL, ABL)	01/95 - 10/98	F4B	55						550082 550312	
	VII Convertible (ALL)	02/95 - 08/98	F4B	55	550036					550082	
	VII Estate (GAL, ANL)	01/95 - 02/99	F4B, FUH	55	550036					550082	550311

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	VII Saloon (GAL, AFL)	01/95 - 02/99	F4B, FUH	55	550036				550082	550311
1.4 i	'86 Express (AVF)	02/86 - 07/90	F6B, F6D, FUC	54			550199			
	VI Convertible (ALL)	07/93 - 01/95	F4B	55	550036				550082 550202 550249	
1.6	III (GAA)	09/80 - 12/85	LP1, LPA	58			550199			
	III Convertible (ALD)	09/83 - 12/85	LP1, LPA	58			550199			
	III Estate (AWA)	09/80 - 12/85	LP1, LPA	58			550199			
	IV (GAF, AWF, ABFT)	04/89 - 07/90	LUG	65	550035		550199			
	V (GAL)	07/90 - 08/92	LUJ, LUK	66	550036					550312
	V Estate (GAL, AVL)	07/90 - 08/92	LUJ, LUK	66	550036					
	V (GAL)	07/90 - 12/92	LJF	77	550036					550312
	V Convertible (ALL)	07/90 - 12/92	LJF	77	550036					
	V Estate (GAL, AVL)	07/90 - 09/92	LJF	77	550036					
1.6 16V	VII (GAL, AAL, ABL)	01/95 - 10/98	L1E	66	550037	550041			550082 550193 550202 550206	550311 550312
					550037	550041			550082 550193 550202 550206	550311
	VII Estate (GAL, ANL)	01/95 - 02/99	L1E	66					550082 550193 550202 550206	550311
1.6 16V 4x4	VII (GAL, AAL, ABL)	01/95 - 10/98	L1E	66	550037	550041			550082 550193 550202 550206	550311 550312
					550037	550041			550082 550193 550202 550206	
1.6 16V XR3i	VII Convertible (ALL)	02/95 - 12/96	L1H	65					550082 550193 550202 550206	
	VI Convertible (ALL)	12/92 - 01/95	L1E	66	550037	550041			550082 550202 550206	
					550037	550041			550082 550193 550202 550206	
	VII Convertible (ALL)	02/95 - 09/99	L1E	66					550082 550193 550202 550206	
1.6 i	III (GAA)	07/85 - 12/85	L4B	66			550199			
	IV (GAF, AWF, ABFT)	01/86 - 05/90	L4B	66	550035		550199			
1.6 i	IV Convertible (ALF)	01/86 - 07/90	L4B	66	550035		550199			
	IV Estate (AWF, AVF)	01/86 - 07/90	L4B	66	550035		550199			
	IV (GAF, AWF, ABFT)	08/89 - 07/90	LJB	75			550199			
	IV Convertible (ALF)	08/89 - 07/90	LJB	75			550199			
	III Convertible (ALD)	09/83 - 12/85	LR1, LRA	77			550199			
1.6 i 16V	VI (GAL)	01/94 - 01/95	L1H	65	550037	550041		550420	550082 550202 550206	550312

FORD

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

FORD

	VI Convertible (ALL)	02/94 - 01/95	L1H	65				550420	550082 550202 550206	
	VI Estate (GAL)	01/94 - 01/95	L1H	65				550420	550082 550202 550206	
	VI Saloon (GAL)	01/94 - 01/95	L1H	65					550082 550202 550206	
	VII (GAL, AAL, ABL)	01/95 - 08/95	L1H	65					550082 550193 550202 550206	550312
	VII Estate (GAL, ANL)	01/95 - 08/95	L1H	65					550082 550193 550202 550206	
	VII Saloon (GAL, AFL)	01/95 - 08/95	L1H	65					550082 550193 550202 550206	
	VI (GAL)	09/92 - 01/95	L1E	66	550037	550041			550082 550202 550206	550312
	VI Estate (GAL)	09/92 - 01/95	L1E	66	550037	550041			550202 550206	
	VI Saloon (GAL)	08/93 - 01/95	L1E, L1K	66	550037	550041			550082 550202 550206	
	VII Saloon (GAL, AFL)	01/95 - 02/99	L1E, L1K	66	550037	550041			550082 550193 550202 550206	550311
1.6 RS Turbo	III (GAA)	11/84 - 12/85	LNA	97				550199		
1.6 Turbo RS	IV (GAF, AWF, ABFT)	01/86 - 07/90	LNB	97	550035			550199		
1.6 XR3i	III (GAA)	10/82 - 12/85	LR1, LRA	77				550199		
	IV (GAF, AWF, ABFT)	01/86 - 08/89	LR2, LRB	77				550199		
	IV Convertible (ALF)	01/86 - 07/90	LR2, LRB	77				550199		
1.8 16V	V Estate (GAL, AVL)	02/92 - 12/92	RDA	77	550037	550041			550202	
	VII (GAL, AAL, ABL)	01/95 - 08/95	RDA	77	550037	550041			550082 550202	550312
	VII Estate (GAL, ANL)	01/95 - 08/95	RDA	77	550037	550041			550082 550202	
1.8 16V	VII Saloon (GAL, AFL)	01/95 - 08/95	RDA	77	550037	550041			550082 550202	
	VII (GAL, AAL, ABL)	01/95 - 10/98	RKC	85	550037	550041			550082 550193 550202	550311 550312
	VII Estate (GAL, ANL)	01/95 - 02/99	RKC	85	550037	550041			550082 550193 550202	550311

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	VII Saloon (GAL, AFL)	01/95 - 02/99	RKC	85	550037	550041			550082 550193 550202	550311
1.8 16V XR3i	V (GAL)	02/92 - 12/92	RDA	77	550037	550041			550202	550312
	V Convertible (ALL)	02/92 - 12/92	RDA	77	550037	550041			550202	
	VI Convertible (ALL)	12/92 - 01/95	RDA	77	550037				550202	
	VII Convertible (ALL)	02/95 - 08/98	RDA	77					550202	
	VII Convertible (ALL)	10/95 - 08/98	RKC	85	550037	550041			550082 550193	
	V (GAL)	02/92 - 12/92	RQB	96	550037	550041			550202	550312
	V Convertible (ALL)	02/92 - 12/92	RQB	96	550037	550041			550202	
	VI (GAL)	09/92 - 01/95	RQB	96	550037	550041			550082 550202	550312
	VI Convertible (ALL)	12/92 - 01/95	RQB	96		550041			550082 550202	
	VII Convertible (ALL)	02/95 - 08/00	RQB	96					550082 550193 550202	
1.8 D	V (GAL)	07/90 - 12/92	RTE, RTF, RTH	44						550312
	VI (GAL)	09/92 - 01/95	RTE, RTF, RTH	44						550312
	VII (GAL, AAL, ABL)	01/95 - 12/96	RTE, RTF, RTH	44						550312
	VII Estate (GAL, ANL)	01/95 - 02/99	RTH	44						550311
1.8 i 16V	VI (GAL)	09/92 - 01/95	RDA	77	550037	550041			550082 550202	550312
	VI Estate (GAL)	01/93 - 01/95	RDA	77	550037	550041			550082 550202	
	VI Saloon (GAL)	08/93 - 01/95	RDA	77	550037	550041			550082 550202	
	VI Estate (GAL)	02/93 - 01/95	RQB	96	550037	550041			550082 550202	
1.8 TD	VI (GAL)	02/93 - 01/95	RFD, RFK, RFS	66						550312
	VII (GAL, AAL, ABL)	01/95 - 10/98	RFD, RFK	66						550311 550312
	VII Estate (GAL, ANL)	01/95 - 02/99	RFD, RFK	66						550311
	VII Saloon (GAL, AFL)	01/95 - 10/98	RFD, RFK	66						550311
1.8 Turbo D	VII (GAL, AAL, ABL)	12/95 - 10/98	RVA	51						550311 550312
	VII Estate (GAL, ANL)	12/95 - 02/99	RVA	51						550311
	VII Saloon (GAL, AFL)	12/95 - 02/99	RVA	51						550311
1.8 XR3i 16V 4x4	VI (GAL)	08/93 - 01/95	RDA	77	550037	550041			550082 550202	550312
1.8 XR3i 16V 4x4	VI (GAL)	08/93 - 01/95	RQB	96	550037	550041			550082 550202	550312
RS 1600i	III (GAA)	05/82 - 12/85	LUAE	85				550199		
RS 2000	V (GAL)	05/91 - 12/92	N7A	110					550202	550312
	VI (GAL)	09/92 - 01/95	N7A	110					550202 550204	550312

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	VII (GAL, AAL, ABL)	02/95 - 02/98	N7A	110					550202	550311 550312
RS 2000 4x4	VI (GAL)	08/93 - 01/95	N7A	110	550121				550202 550204	550312
	VII (GAL, AAL, ABL)	02/95 - 10/98	N7A	110	550121				550202	550311 550312
RS Cosworth 4x4	VI (GAL)	09/92 - 01/95	N5F	162	550121				550414	550312 550553
	VII (GAL, AAL, ABL)	02/95 - 10/98	N5F	162	550121			550147		550311 550312

ESCORT CLASSIC 10/98 - 07/00

1.6 16V	(AAL, ABL)	10/98 - 07/00	L1E	66	550037	550041			550082 550193 550202	
	Turnier (ANL)	02/99 - 07/00	L1E	66	550037	550041			550082 550193 550202	

FIESTA 09/83 -

1.0 i	IV (JA_, JB_)	02/97 - 09/99	--	38	550037					
	IV (JA_, JB_)	09/99 - 01/02	--	48	550110	550111				
1.1	III (GFJ)	03/89 - 12/95	G6A	37	550036 550037				550202	550312
	III (GFJ)	03/89 - 12/95	GUD, GUE	40	550036				550202	550312
1.25	VI	10/08 -	STJA	44	550183			550421		550289 550464
	VI	10/08 -	SNJA	60	550183			550421		550289 550464
1.25 16V	V (JH_, JD_)	03/03 -	M7JA, M7JB	51	550110	550111	550294	550163	550248	
	V (JH_, JD_)	05/02 -	FUJA, FUJB	55	550110	550111	550294	550163	550248	550289
1.25 i 16V	IV (JA_, JB_)	08/95 - 01/02	DHA, DHB, DHC, DHD, DHE, DHF, DHG	55	550037 550110	550038 550111		550161 550262	550082 550248	550311 550312
1.3	Box (F3L, F5L)	09/91 - 02/96	J6B	44	550036 550037				550202	
	Box (J5_, J3_)	02/96 -	J4C	44	550037 550110	550038 550111		550161	550082 550202 550248	
	III (GFJ)	03/89 - 12/92	JBC	44	550036 550037				550202	550312
	III (GFJ)	03/89 - 12/95	--	44						550312
	V (JH_, JD_)	11/01 -	BAJA	44				550163	550082 550248	550289
	V (JH_, JD_)	11/01 -	A9JA, A9JB	51				550163	550082 550248	550289
1.3 CAT	III (GFJ)	05/91 - 01/97	J6B	44	550036 550037				550202	
1.3 i	IV (JA_, JB_)	08/95 - 01/02	JJA, JJC, JJE, JJJ, JJK, JJM	37	550037 550110	550038 550111		550161	550082 550202	550311 550312
	IV (JA_, JB_)	08/95 - 01/02	J4C, J4J, J4L, J4Q, J4R, J4T	44	550037 550110	550038 550111		550161	550082 550202	550311 550312

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4	II (FBD)	09/83 - 01/87	FUBA	51			550199			
	II (FBD)	10/86 - 02/89	F6A, F6C	52			550199			
	III (GFJ)	03/89 - 12/95	F6E	52	550035 550036				550082 550206 550249	550312
	II (FBD)	02/87 - 02/89	FUD	54			550199			
	III (GFJ)	03/89 - 12/95	FUG, FUJ	54	550035 550036				550082 550206 550249	550312
	II (FBD)	10/85 - 11/89	FUB	55			550199			
	VI	10/08 -	SPJA	71	550183 550373					550289 550464
1.4 16V	V (JH_, JD_)	11/01 -	FXJA, FXJB	59			550294	550163	550082	550289
					550035 550036				550082 550206 550249	550312
1.4 CAT	III (GFJ)	03/89 - 12/95	F4A	54						
1.4 i	Box (J5_, J3_)	04/96 - 10/99	FHA	66	550036				550206	
1.4 i 16V	IV (JA_, JB_)	04/96 - 01/02	FHA, FHE	66	550037 550110	550038 550111		550161 550262	550082	
1.4 TDCi	V (JH_, JD_)	11/01 -	F6JA, F6JB	50	550014 550110 550315	550111				550289 550383
	Van	10/03 -	F6JA	50						550383
	VI	01/09 -	F6JB	50	550183					
					550036				550202 550206	550312
1.6	III (GFJ)	01/89 - 01/94	LUH	65						
	III (GFJ)	03/89 - 12/92	LUH	66						550312
1.6 16V	V (JH_, JD_)	11/01 -	FYJA	74			550294	550163	550202 550206	550289
1.6 16V Sport	IV (JA_, JB_)	02/00 - 01/02	L1T, L1V	76	550037 550110	550038 550111	550297	550163	550202 550206	
1.6 i 16V	III (GFJ)	01/94 - 12/95	L1G	65	550037	550041			550202 550206	
1.6 TDCi	VI	10/08 -	HHJF	55	550183			550569		
	V (JH_, JD_)	11/04 -	HHJA, HHJB	66	550014 550110 550315	550111		550569		550383
	Van	01/09 -	HHJC	66	550471			550569		
	VI	10/08 -	HHJD	66	550183 550315 550471			550569		550289 550383
	VI	02/10 -	TZJA	70	550471					
1.6 Ti	VI	10/08 -	HXJA	88	550183	550292				550289 550464
1.6 Turbo	III (GFJ)	03/90 - 10/92	LHA	96	550035 550036					
1.6 XR2	II (FBD)	03/84 - 02/89	LUD	70			550199			
	II (FBD)	04/84 - 02/89	LUB	71			550199			

FORD

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 XR2i	III (GFJ)	03/89 - 03/93	LJD	76	550035 550036				550202 550206	550312
	III (GFJ)	03/89 - 01/94	LJC	81	550035 550036					
1.8 16V	III (GFJ)	02/92 - 12/95	RDB	77	550037	550041			550202	
1.8 D	Box (J5_, J3_)	02/96 -	RTK	44	550037 550110	550111				
	III (GFJ)	03/89 - 12/95	RTC, RTD, RTG	44						550312
	IV (JA_, JB_)	08/95 - 04/00	RTJ, RTK	44	550037 550110	550111				550311
1.8 DI	Box (J5_, J3_)	09/00 -	RTP	55	550110	550111				
	IV (JA_, JB_)	04/00 - 01/02	RTN, RTP, RTQ	55	550037 550110	550111		550152		
1.8 XR2i 16V	III (GFJ)	02/92 - 12/95	RQC	96	550037	550041			550202	
D 1.8	Box (JV_)	05/98 -	RTJ, RTK	44	550037 550110	550111				
ST150	V (JH_, JD_)	03/05 -	N4JB	110	550110	550111				
TD 1.8	Box (JV_)	03/00 -	RTN	55	550110	550111				

FOCUS

10/98 -

1.4	II (DA_)	11/04 -	ASDA, ASDB	59	550110 550183 550313	550111	550294	550163		550289 550464
	II Estate (DAW_)	11/04 -	ASDA, ASDB	59	550110 550183	550111		550163		550289
	II Saloon (DA_)	04/05 -	ASDA, ASDB	59	550110 550183	550111	550294	550163		
1.4 16V	(DAW, DBW)	10/98 - 11/04	FXDA, FXDB, FXDC, FXDD	55	550037 550183	550038 550111	550294 550296	550160	550248	550289 550310 550464
	Estate (DNW)	02/99 - 11/04	FXDA, FXDB, FXDC, FXDD	55	550037 550183	550038 550111	550294 550296	550160	550248	
	Saloon (DFW)	02/99 - 11/04	FXDA, FXDB, FXDC, FXDD	55	550037 550183 550313	550038 550111	550294 550296	550160	550248	
1.6	II (DA_)	11/04 -	HWDA, HWDB	74	550110 550183 550313	550111	550294	550163		550289 550464
	II Convertible	10/06 -	HWDA	74	550110	550111				550464
	II Estate (DAW_)	11/04 -	HWDA, HWDB	74	550110 550183	550111		550163		550289
	II Saloon (DA_)	04/05 -	HWDA, HWDB	74	550110 550183	550111	550294	550163		
1.6 16V	(DAW, DBW)	10/98 - 11/04	FYDA, FYDB, FYDC, FYDD	74	550037 550183	550038 550041	550294 550296	550160		550289 550310 550464
1.6 16V	Estate (DNW)	02/99 - 11/04	FYDA, FYDB, FYDC, FYDD	74	550037 550183	550038 550041	550294 550296	550160		
	Saloon (DFW)	02/99 - 11/04	FYDA, FYDB, FYDC, FYDD	74	550037 550183 550313	550038 550041	550294 550296	550160		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 TDCi	II (DA_)	01/05 -	HHDA, HHDB	66	550014 550110 550183	550111		550569		550383
	II Estate (DAW_)	11/04 -	HHDA, HHDB	66	550014 550110 550183	550111		550569		550289 550383
	II Saloon (DA_)	04/05 -	HHDA, HHDB	66	550014 550110 550183	550111		550569		550383
	II (DA_)	11/04 -	G8DC, MTDA	74				550569		
	II Estate (DAW_)	11/04 -	G8DC, MTDA	74				550569		
	II (DA_)	11/04 -	G8DA, G8DB	80	550014 550110 550183 550313	550111		550569		550289 550383
	II Estate (DAW_)	11/04 -	G8DA, G8DB	80	550014 550110 550183	550111		550569		550289 550383
	II Saloon (DA_)	04/05 -	G8DA, G8DB	80	550014 550110 550183	550111		550569		550383
1.6 Ti	II (DA_)	11/04 -	HXDA	85	550014 550110 550183 550313	550111 550292		550163		550289 550464
	II Estate (DAW_)	11/04 -	HXDA	85	550110 550183	550111 550292		550163		550289
	II Saloon (DA_)	04/05 -	HXDA	85	550110 550183	550111 550292		550163		
1.8	II (DA_)	03/06 -	QQDB	92						550464
1.8 16V	(DAW, DBW)	10/98 - 11/04	EYDB, EYDC, EYDD, EYDE, EYDF	85	550037 550183	550041	550296			550289 550310 550464
	Estate (DNW)	02/99 - 11/04	EYDB, EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL	85	550037 550183	550041	550296			
	Saloon (DFW)	02/99 - 11/04	EYDB, EYDC, EYDD, EYDE, EYDF, EYDL	85	550037 550183 550313	550041	550296			
1.8 DI / TDDi	(DAW, DBW)	08/99 - 11/04	BHDA, BHDB	55	550037 550183			550152		
	Estate (DNW)	08/99 - 11/04	BHDA, BHDB	55	550037 550183			550152		
1.8 Flexifuel	II (DA_)	01/06 -	Q7DA	92	550110 550183	550111				550464
	II Estate (DAW_)	01/06 -	Q7DA	92	550110 550183	550111				
1.8 Flexifuel	II Saloon (DA_)	06/06 -	Q7DA	92	550110 550183	550111				
	II (DA_)	12/05 -	QQDD	96	550110 550183	550111				
	II Saloon (DA_)	12/05 -	--	96	550110 550183	550111				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	II Estate (DAW_)	12/05 -	--	97	550110 550183	550111				
1.8 TDCi	(DAW, DBW)	08/02 - 11/04	FFDA	74	550037 550183		550274	550152		
	Estate (DNW)	08/02 - 11/04	FFDA	74	550037 550183		550274	550152		
	Saloon (DFW)	08/02 - 11/04	FFDA	74	550037 550183		550274	550152		
	(DAW, DBW)	03/01 - 11/04	F9DA, F9DB	85	550043 550183		550274	550162		
	Estate (DNW)	03/01 - 11/04	F9DA, F9DB	85	550043 550183		550274	550162		
	II (DA_)	01/05 -	KKDA	85	550110 550183	550111	550274 550298	550412		550383
	II Estate (DAW_)	11/04 -	KKDA	85	550110 550183	550111	550298	550412		550289 550383
	II Saloon (DA_)	04/05 -	KKDA	85	550110 550183	550111 550220	550274 550298	550412		550383
	Saloon (DFW)	03/01 - 11/04	F9DA, F9DB	85	550043 550183		550274	550162		
1.8 Turbo DI / TDDi	(DAW, DBW)	10/98 - 11/04	C9DA, C9DB, C9DC	66	550037 550183			550152		550289 550310
	Estate (DNW)	02/99 - 11/04	C9DA, C9DB, C9DC	66	550037 550183			550152		
	Saloon (DFW)	02/99 - 11/04	C9DA, C9DB, C9DC	66	550037 550183 550313			550152		
2.0	II (DA_)	11/04 -	AODA, AODB	107	550110 550183 550313 550373	550111	550295			550289 550464
	II Convertible	10/06 -	AODA	107	550110 550183	550111	550295			550464
	II Estate (DAW_)	11/04 -	AODA, AODB	107	550110 550183 550373	550111	550295			550289
	II Saloon (DA_)	04/05 -	AODA, AODB	107	550110 550183	550111				
2.0 16V	(DAW, DBW)	10/98 - 11/04	EDDB, EDDC, EDDD, EDDF	96	550037 550183 550373	550041				550289 550310 550464
	Estate (DNW)	02/99 - 11/04	EDDB, EDDC, EDDD, EDDF	96	550037 550183	550041				
	Saloon (DFW)	02/99 - 11/04	EDDB, EDDC, EDDD, EDDF	96	550037 550183 550313	550041				
2.0 TDCi	II (DA_)	02/08 -	IXDA	81		550432		550569		
	II Estate (DAW_)	02/08 -	IXDA	81				550569		
	II Saloon (DA_)	02/08 -	IXDA	81				550569		
	II (DA_)	11/04 -	G6DE, G6DF	98				550569		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	II (DA_)	11/04 -	G6DA, G6DB	100	550110 550183 550313	550111 550432		550569		550289 550383
	II Convertible	10/06 -	G6DA	100	550110 550183	550111 550432		550569		550383
	II Estate (DAW_)	11/04 -	G6DA, G6DB	100	550110 550183	550111		550569		550289 550383
	II Saloon (DA_)	04/05 -	G6DA, G6DB	100	550110 550183	550111		550569		550383
2.5 RS	II (DA_)	01/09 -	JZDA	224		550430	550436			
2.5 ST	II (DA_)	10/05 -	HYDA	166	550110 550183	550111 550430	550436	550261		
RS	(DAW, DBW)	10/02 - 11/04	HMDA	158	550037 550183	550041				
ST170	(DAW, DBW)	03/02 - 11/04	ALDA	127	550037 550183	550293				
	Estate (DNW)	08/02 - 11/04	ALDA	127	550037 550183	550293				

FOCUS C-MAX

10/03 - 03/07

1.6		10/03 - 03/07	HWDA	74	550110 550183	550111				550289 550464
1.6 TDCi		02/05 - 03/07	HHDA, HHDB	66	550014 550110 550183	550111		550569		550383
		10/03 - 03/07	G8DA	80	550014 550110 550183	550111		550569		550289 550383
1.6 Ti		08/04 - 03/07	HXDA	85	550110 550183	550111 550292				550464
1.8		10/03 - 03/07	CSDA, CSDB	88	550110 550183	550111	550295			550289 550464
		04/04 - 03/07	Q7DA, QQDA, QQDB	92	550110 550183	550111				550464
1.8 Flexifuel		01/06 - 03/07	Q7DA	92	550110 550183	550111				550464
1.8 TDCi		01/05 - 03/07	KKDA	85	550110 550183	550111 550220	550298	550412		550383
					550110 550373	550111	550295			550464
2.0		03/04 - 03/07	AODA, AODB	107	550183 550373					
2.0 TDCi		10/03 - 03/07	G6DD	100	550110 550183 550321	550111 550432		550569		550289 550383

FUSION

08/02 -

1.25	(JU_)	08/04 -	FUJA, FUJB	55	550110	550111		550163		550289
1.4	(JU_)	08/02 -	FXJA, FXJB	59	550110	550111		550163		
1.4 TDCi	(JU_)	08/02 -	F6JA	50	550014 550110	550111				550383
1.6	(JU_)	08/02 -	FYJA	74	550110	550111		550163		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 TDCi	(JU_)	11/04 -	HHJA, HHJB	66	550014 550110	550111		550569		550383
----------	-------	---------	------------	----	------------------	--------	--	--------	--	--------

GALAXY 03/95 -

1.8 TDCi		05/06 -	FFWA	74		550220	550298	550412		550383
		05/06 -	QYWA	92		550220	550298	550412		550383
1.9 TDI	(WGR)	03/95 - 05/06	1Z, AHU, ANU	66	550099 550102	550254				
	(WGR)	08/97 - 04/00	AFN, AVG	81	550099					550324
	(WGR)	04/00 - 05/06	AUY	85	550102 550373	550254				
	(WGR)	02/03 - 05/06	ASZ	96	550102	550254				
	(WGR)	05/05 - 05/06	BTB	110	550102	550254				
2.0		05/06 -	AOWB	107			550295			
					550099				550193	550317
2.0 i	(WGR)	11/95 - 05/06	NSE, ZVSA	85					550203	550437
									550250	
2.0 TDCi		11/07 -	TYWA	85						550383
		05/06 -	AZWA	96	550321	550432				550383
		05/06 -	QXWA	103	550321	550432				550383
2.2 TDCi		03/08 -	Q4BA	129	550014			550462		550383
2.3		07/07 -	SEWA	118	550433	550428	550295			
					550121				550203	550317
2.3 16V	(WGR)	09/01 - 05/06	E5SB	103						550437
	(WGR)	01/97 - 05/06	E5SA, Y5B	107	550099 550121				550193 550203	550317
2.8 i V6	(WGR)	11/95 - 04/00	AAA, AMY	128	550099		550246			550324
2.8 i V6 4x4	(WGR)	04/96 - 04/00	AAA, AMY	128	550099		550246			

KA 09/96 -

1.0 i	(RB_)	09/99 - 11/08	--	48	550110	550111				
1.2		10/08 -	FP4	51	550370	550245				
1.3 i	(RB_)	06/98 - 11/08	JJD, JJF, JJG, JJH, JJJ	36	550037 550110	550038 550111		550161	550082 550248	550431
	(RB_)	09/96 - 10/02	JJB	37	550037 550110	550038 550111		550161	550082 550248	550312 550431
	(RB_)	09/96 - 11/08	BAA, J4D, J4K, J4M, J4N, J4P, J4S	44	550037 550110	550038 550111		550161	550082 550248	550310 550312 550431
	(RB_)	08/02 - 11/08	A9A, A9B	51	550110	550111			550248	550431
1.6 i	(RB_)	07/03 - 11/08	CDB, CDC	70	550110	550111				550431

KUGA 03/08 -

2.0 TDCi		03/08 -	G6DG	100		550432		550569		550383
2.0 TDCi 4x4		03/08 -	G6DG	100		550432		550569		550383
2.5		03/09 -	HYDB	147				550436		
2.5 4x4		03/09 -	HYDB	147	550434	550430	550436			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

FORD



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MAVERICK 02/01 -

2.0 16V		02/01 -	YF	91	550223	550041			550248
2.3 16V		03/04 -	GZ	110	550223				
3.0 V6 24V		02/01 -	AJ	145	550223	550290			
					550260				
		03/04 -	AJ	149	550223				
					550260				

MONDEO 01/93 -

1.6 i	II (BAP)	09/96 - 11/00	L1J	66	550223	550041			550248
					550374				
	II Estate (BNP)	09/96 - 11/00	L1J	66	550223	550041			550248
					550374				
	II Saloon (BFP)	09/96 - 11/00	L1J	66	550223	550041			550248
					550374				
1.6 i 16V	I (GBP)	07/94 - 08/96	L1J	65	550037	550041			550312
					550223				
	I Estate (BNP)	07/94 - 08/96	L1J	65	550037	550041			550312
					550223				
	I Saloon (GBP)	07/94 - 08/96	L1J	65	550037	550041			550312
					550223				
	I (GBP)	02/93 - 08/96	L1F	66	550037	550041			550312
					550223				
	I Estate (BNP)	04/93 - 08/96	L1F	66	550037	550041			550312
					550223				
	I Saloon (GBP)	02/93 - 08/96	L1F	66	550037	550041			550312
					550223				
	II (BAP)	05/98 - 11/00	L1L, L1N, L1Q	70	550223	550041			550248
					550374				
	II Estate (BNP)	05/98 - 11/00	L1L, L1N, L1Q	70	550223	550041			550248
					550374				
	II Saloon (BFP)	05/98 - 11/00	L1L, L1N, L1Q	70	550223	550041			550248
					550374				
1.6 Ti	IV	03/07 -	RHBA	81		550292			
	IV Turnier	03/07 -	RHBA	81		550292			
	IV	03/07 -	PNBA	92		550292			
	IV Turnier	03/07 -	PNBA	92		550292			
1.8 16V	III (B5Y)	11/00 - 08/07	CGBA, CGBB	81	550039	550040			550248
					550223				
					550313				
	III Estate (BWY)	11/00 - 08/07	CGBA, CGBB	81	550039	550040		550157	550248
					550223				
1.8 16V	III Saloon (B4Y)	11/00 - 08/07	CGBA, CGBB	81	550039	550040		550157	550248
					550223				
	III (B5Y)	11/00 - 08/07	CHBA, CHBB	92	550039	550040			550248
					550223				
					550313				
	III Estate (BWY)	11/00 - 08/07	CHBA, CHBB	92	550039	550040		550157	550248
					550223				

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS****FORD**

	III Saloon (B4Y)	11/00 - 08/07	CHBA, CHBB	92	550039 550223	550040		550157	550248	
1.8 i	II (BAP)	09/96 - 11/00	RKB, RKF, RKH, RKJ, RKK	85	550223 550374	550041			550193 550248	
	II Estate (BNP)	09/96 - 11/00	RKB, RKF, RKH, RKJ, RKK	85	550223 550374	550041			550193 550248	
	II Saloon (BFP)	09/96 - 11/00	RKB, RKF, RKH, RKJ, RKK	85	550223 550374	550041			550193 550248	
1.8 i 16V	I (GBP)	07/94 - 08/96	RKB	82	550037 550223	550041			550193	550312
	I Estate (BNP)	07/94 - 08/96	RKB	82	550037 550223	550041			550193	550312
	I Saloon (GBP)	01/94 - 08/96	RKB	82	550037 550223	550041			550193	550312
	I (GBP)	02/93 - 08/96	RKA	85	550037 550223	550041			550193	550312
	I Estate (BNP)	04/93 - 08/96	RKA	85	550037 550223	550041			550193	550312
	I Saloon (GBP)	02/93 - 08/96	RKA	85	550037 550223	550041			550193	550312
1.8 i 16V 4x4	I (GBP)	02/93 - 08/96	RKA	85	550037 550223	550041			550193	550312
	I Estate (BNP)	04/93 - 08/96	RKA	85	550037 550223	550041			550193	550312
1.8 SCi	III (B5Y)	06/03 - 08/07	CFBA	96	550223	550291		550164 550422		
	III Estate (BWY)	06/03 - 08/07	CFBA	96	550223	550291		550164 550422		
	III Saloon (B4Y)	06/03 - 08/07	CFBA	96	550223	550291		550164 550422		
1.8 TD	I (GBP)	06/93 - 08/96	RFM, RFN	65	550223 550438					
	I Estate (BNP)	06/93 - 08/96	RFM, RFN	65	550223 550438					550312
	I Saloon (GBP)	06/93 - 08/96	RFM, RFN	65	550223 550438					550312
	I (GBP)	10/95 - 08/96	RFM, RFN	66	550223 550438					550312
	I Estate (BNP)	11/95 - 08/96	RFM, RFN	66	550223 550438					550312
	I Saloon (GBP)	10/95 - 08/96	RFM, RFN	66	550223 550438					550312
	II (BAP)	09/96 - 11/00	RFN	66	550223 550374					
1.8 TD	II Estate (BNP)	09/96 - 11/00	RFN	66	550223 550374					
	II Saloon (BFP)	09/96 - 11/00	RFN	66	550037 550223 550374					
1.8 TDCi	IV	03/07 -	FFBA	74		550220	550298	550412		550383
	IV Turnier	03/07 -	FFBA	74			550298	550412		550383

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	IV	03/07 -	AOBA	107			550295			
	IV Saloon	03/07 -	AOBA	107			550295			
	IV Turnier	03/07 -	AOBA	107			550295			
						550039	550040		550157	550248
2.0 16V	III (B5Y)	11/00 - 08/07	CJBA, CJBB	107	550223					
					550313					
	III Estate (BWY)	11/00 - 08/07	CJBA, CJBB	107	550039	550040		550157	550248	
					550223					
	III Saloon (B4Y)	11/00 - 08/07	CJBA, CJBB	107	550039	550040		550157	550248	
					550223					
2.0 16V DI / TDDi / TDCi	III (B5Y)	11/00 - 08/07	D5BA, SDBA	66	550039	550040				
					550223					
	III Estate (BWY)	11/00 - 08/07	D5BA, SDBA	66	550223					
	III Saloon (B4Y)	11/00 - 08/07	D5BA, SDBA	66	550223					
2.0 16V TDDi / TDCi	III (B5Y)	11/00 - 08/07	D6BA, HJBA, HJBB, HJBC	85	550122		550274			
					550223					
					550313					
	III Estate (BWY)	11/00 - 08/07	D6BA, HJBA, HJBB, HJBC	85	550122		550274			
					550223					
	III Saloon (B4Y)	11/00 - 08/07	D6BA, HJBA, HJBB, HJBC	85	550122		550274			
					550223					
2.0 i	II (BAP)	09/96 - 11/00	NGA, NGB, NGC, NGD	96	550223	550041				550248
					550374					
	II Estate (BNP)	09/96 - 11/00	NGA, NGB, NGC, NGD	96	550223	550041				550248
					550374					
	II Saloon (BFP)	09/96 - 11/00	NGA, NGB, NGC, NGD	96	550223	550041				550248
					550374					
2.0 i 16V	I (GBP)	12/94 - 08/96	NGA	97	550223					
	I Estate (BNP)	01/93 - 08/96	NGA	97	550223					
	I (GBP)	02/93 - 08/96	NGA	100	550037	550041				550312
					550223					
	I Estate (BNP)	04/93 - 08/96	NGA	100	550037	550041				550312
					550223					
	I Saloon (GBP)	02/93 - 08/96	NGA	100	550223	550041				550312
2.0 i 16V 4x4	I (GBP)	12/94 - 08/96	NGA	97	550037	550041				550312
					550223					
	I Estate (BNP)	12/94 - 08/96	NGA	97	550223					550312
	I Saloon (GBP)	12/94 - 08/96	NGA	97	550223	550041				550312
	I Estate (BNP)	04/93 - 08/96	NGA	100	550037	550041				550312
					550223					
2.0 TDCi	IV	11/07 -	KLBA	85	550321					550383
2.0 TDCi	IV Saloon	11/07 -	KLBA	85						550383
	IV Turnier	11/07 -	KLBA	85						550383
	III (B5Y)	02/03 - 06/05	--	92	550223					
	III Saloon (B4Y)	02/03 - 06/05	--	92	550223					
	III (B5Y)	10/01 - 08/07	FMBA, N7BA	96	550223		550274			
	III Estate (BWY)	10/01 - 08/07	FMBA, N7BA	96	550223		550274			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

FORD

	III Saloon (B4Y)	10/01 - 08/07	FMBA, N7BA	96	550223		550274			
	IV	03/07 -	AZBA	96	550321	550432				550383
	IV Saloon	03/07 -	AZBA	96		550432				550383
	IV Turnier	03/07 -	AZBA	96						550383
	IV	03/07 -	QXBB	103	550321	550432				550383
	IV Saloon	03/07 -	QXBB	103		550432				550383
	IV Turnier	03/07 -	QXBB	103						550383
2.2 TDCi	III (B5Y)	09/04 - 08/07	QJBA, QJBB	114	550223		550274			
	III Estate (BWY)	09/04 - 08/07	QJBA, QJBB	114	550223					
	III Saloon (B4Y)	09/04 - 08/07	QJBA, QJBB	114	550223		550274			
	IV	03/08 -	Q4BA	129	550014			550462		550383
	IV Saloon	03/08 -	Q4BA	129	550014			550462		550383
	IV Turnier	03/08 -	Q4BA	129	550014			550462		550383
2.3	IV	07/07 -	SEBA	118	550433	550428	550295			
	IV Saloon	07/07 -	SEBA	118	550433	550428	550295			
	IV Turnier	07/07 -	SEBA	118	550433	550428	550295			
2.5	IV	03/07 -	HUBA	162	550434	550430	550436			
	IV Saloon	03/07 -	HUBA	162	550434	550430	550436			
	IV Turnier	03/07 -	HUBA	162	550434	550430	550436			
2.5 24V	II (BAP)	09/96 - 11/00	SEA	125	550223 550260 550374	550290				550248
	II (BAP)	06/00 - 11/00	SEB	125	550223 550374					
	II Estate (BNP)	09/96 - 11/00	SEA	125	550223 550260 550374	550290				550248
	II Estate (BNP)	10/99 - 11/00	SEB	125	550223 550374					
	II Saloon (BFP)	09/96 - 11/00	SEA	125	550223 550260 550374	550290				550248
	II Saloon (BFP)	06/00 - 11/00	SEB	125	550223 550374					
2.5 i 24V	I (GBP)	07/94 - 08/96	SEA	125	550223 550260	550290				550312
	I Estate (BNP)	07/94 - 08/96	SEA	125	550223 550260	550290				550312
	I Saloon (GBP)	07/94 - 08/96	SEA	125	550223 550260	550290				
2.5 ST 200	II (BAP)	05/99 - 11/00	SGA	151	550223 550260 550374	550290				550248
	II Estate (BNP)	05/99 - 11/00	SGA	151	550223 550260 550374	550290				550248

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	II Saloon (BFP)	05/99 - 11/00	SGA	151	550223 550260 550374	550290			550248	
2.5 V6 24V	III (B5Y)	11/00 - 08/07	LCBD	125	550223 550260 550313	550290			550248	
	III Estate (BWY)	11/00 - 08/07	LCBD	125	550223 550260				550248	
	III Saloon (B4Y)	11/00 - 08/07	LCBD	125	550223 550260	550290			550248	
3.0 V6 24V	III (B5Y)	09/04 - 08/07	REBA	150	550223 550260					
	III Estate (BWY)	09/04 - 08/07	REBA	150	550223 550260					
	III Saloon (B4Y)	09/04 - 08/07	REBA	150	550223 550260					
ST220	III (B5Y)	04/02 - 08/07	MEBA	166	550223 550260 550371	550290				
	III Estate (BWY)	04/02 - 08/07	MEBA	166	550223 550260 550371	550290				
	III Saloon (B4Y)	04/02 - 08/07	MEBA	166	550223 550260 550371	550290				

ORION

12/85 - 10/94

1.3	II (AFF)	12/85 - 07/90	JBB, JLA, JLB	44	550036					
	III (GAL)	07/90 - 12/93	J4B, J6A	44	550036			550420		550312
1.4	II (AFF)	03/86 - 07/90	FUAA	52	550035		550199			
	III (GAL)	07/90 - 12/93	F6F, F6G	52	550036			550420	550249	550312
	II (AFF)	01/86 - 07/90	FUC	54	550035					
	III (GAL)	07/90 - 12/93	FUH	54	550036			550420	550249	550312
	II (AFF)	12/85 - 07/90	FUA	55	550035					
1.4 CAT	II (AFF)	02/87 - 07/90	F6B, F6D	54	550035		550199			
1.6	II (AFF)	12/85 - 07/90	LUC	66	550035					
	III (GAL)	07/90 - 12/92	LUJ, LUK	66	550036			550420	550206	550312
1.6 i	II (AFF)	08/89 - 07/90	LJB	75			550199			
	II (AFF)	03/86 - 07/90	LRB	77	550035		550199			
	III (GAL)	07/90 - 09/92	LJF	77	550036			550420		550312
1.6 i 16V	III (GAL)	07/92 - 12/93	L1E, L1K	66		550041			550206	550312
1.6 i CAT	II (AFF)	03/86 - 07/90	L4B	66	550035					
1.8 D	III (GAL)	11/90 - 12/93	RTE, RTF, RTH	44				550420		550312
1.8 i 16V	III (GAL)	02/92 - 12/93	RDA	77		550041				550312
	III (GAL)	01/92 - 12/93	RQB	96		550041				550312
1.8 TD	III (GAL)	03/92 - 12/93	RFD, RFK	66						550312

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

PUMA 03/97 - 06/02

1.4 16V	(EC_)	11/97 - 10/00	FHD, FHF	66	550038				
1.6 16V	(EC_)	08/00 -	L1W	76	550038			550248	
1.7 16V	(EC_)	03/97 -	MHA, MHB	92	550038			550082	

RANGER 03/98 - 06/06

2.5 TD	(TU_)	04/02 - 06/06	--	62	550417 550419				
2.5 TD 4x4	(TU_)	04/02 - 06/06	--	62	550417 550419				
3.0 TDCi	(TU_)	05/05 - 06/06	--	115	550418				
3.0 TDCi 4x4	(TU_)	05/05 - 06/06	--	115	550418				

S-MAX 05/06 -

1.8 TDCi		05/06 -	QYWA	92	550220	550298	550412		550383
2.0 TDCi		11/07 -	KLWA	85					550383
		05/06 -	AZWA	96	550432				550383
		05/06 -	QXWA	103	550432				550383
2.2 TDCi		03/08 -	Q4WA	129	550014		550462		550383
2.3		07/07 -	SEWA	118	550433	550428	550295		
2.5 ST		05/06 -	HUWA	162	550434	550430	550436		

SCORPIO 04/85 - 08/98

1.8	I (GAE, GGE)	04/85 - 02/92	REC	66	550316 550322				550319
2.0 i	I (GAE, GGE)	10/85 - 12/90	NRC	74			550199		
	I (GAE, GGE)	04/85 - 02/92	NRA, NRI	85	550316 550322		550199		550319
	I (GAE, GGE)	02/92 - 09/94	NRA, NRI	85	550322				550204
	I Estate (GGE)	09/91 - 09/94	N9F	85	550035				550204
	I Saloon (GGE)	02/92 - 09/94	N9F	85	550035 550322				550204 550319
	II (GFR, GGR)	10/94 - 08/98	NSD	85	550121 550419	550038			550250 550319
	II Estate (GNR, GGR)	10/94 - 08/98	NSD	85	550121 550419	550038			550250
	I (GAE, GGE)	05/89 - 09/94	N9D	88	550035				550204
	I Estate (GGE)	09/91 - 09/94	N9D	88	550035				550204
	I Saloon (GGE)	05/89 - 09/94	N9D	88	550035				550204
2.0 i 16V	II (GFR, GGR)	10/94 - 08/98	N3A	100	550121 550419	550038			550319
	II Estate (GNR, GGR)	10/94 - 08/98	N3A	100	550121 550419	550038			
2.3 i 16V	II (GFR, GGR)	06/96 - 08/98	Y5A	108		550038			550193
	II Estate (GNR, GGR)	06/96 - 08/98	Y5A	108		550038			550193
2.4 i	I Estate (GGE)	09/91 - 09/94	ARD	92					550205

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	I Saloon (GGE)	10/88 - 10/94	ARD	92						550205	
2.4 i CAT	I (GAE, GGE)	10/88 - 09/94	ARD	92						550205	
2.5 D	I (GAE, GGE)	12/85 - 02/92	STR	51	550316 550322						550319
2.5 TD	II (GFR, GGR)	10/94 - 08/98	SCC	85	550419						550319
	II Estate (GNR, GGR)	10/94 - 08/98	SCC	85	550419						
2.8 i 4x4	I (GAE, GGE)	10/85 - 11/86	PRE	110			550199				
2.9 24V	I Estate (GGE)	08/93 - 09/94	BOA	143						550205	
2.9 i	I (GAE, GGE)	09/86 - 09/94	BRD, BRE, BRF	107						550205	
	I Estate (GGE)	09/91 - 09/94	BRD, BRE, BRF	107						550205	
	I Saloon (GGE)	09/86 - 12/94	BRD, BRE, BRF	107						550205	
	I (GAE, GGE)	09/86 - 09/94	BRC	110						550205	
	II (GFR, GGR)	02/95 - 08/98	BRG	110						550205	
	II Estate (GNR, GGR)	02/95 - 08/98	BRG	110						550205	
2.9 i 24V	I (GAE, GGE)	04/91 - 09/94	BOA	143						550205	
	I Saloon (GGE)	04/91 - 09/94	BOA	143						550205	
	II (GFR, GGR)	10/94 - 08/98	BOB	152	550419					550205 550414	550319
	II Estate (GNR, GGR)	10/94 - 08/98	BOB	152	550419					550205 550414	
2.9 i 4x4	I (GAE, GGE)	05/88 - 02/93	BRD, BRE, BRF	107						550205	
	I Estate (GGE)	05/88 - 02/93	BRD, BRE, BRF	107						550205	
	I Saloon (GGE)	12/89 - 10/94	BRD, BRE, BRF	107						550205	
	I (GAE, GGE)	09/86 - 09/94	BRC	110						550205	
2.9 i CAT	I (GAE, GGE)	10/87 - 09/94	BRE	107						550205	

SIERRA

08/82 - 03/93

1.6	(GBG, GB4)	01/88 - 02/93	LSF	53	550035					550251	
	Estate (BNG)	01/88 - 02/93	LSF	53	550035					550251	
	Hatchback (GBC, GBG)	01/88 - 02/93	LSF	53	550035					550251	
	(GBG, GB4)	01/87 - 02/93	LSE	55	550035 550322					550251	550319
	Estate (BNC)	08/82 - 12/86	LCS, LCT, LSD	55							550319
	Estate (BNG)	01/87 - 02/93	LSE	55	550035 550322					550251	
	Hatchback (GBC, GBG)	01/87 - 02/93	LSE	55	550035 550322					550251	
1.6 i	(GBG, GB4)	10/89 - 02/93	L6B	59	550035 550036					550202	
	Estate (BNG)	10/89 - 02/93	L6B	59	550035 550036					550202	
1.6 i	Hatchback (GBC, GBG)	10/89 - 02/93	L6B	59	550035 550036					550202	
1.8	Estate (BNG)	05/88 - 02/93	R2C, R6A	64	550300						
	Hatchback (GBC, GBG)	05/88 - 02/93	R2C, R6A	64	550300						

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	Hatchback (GBC)	10/85 - 12/86	NRD	74						550199		
	(GBG, GB4)	01/87 - 02/93	N8C, NES	77	550322						550204	550318 550319
	Estate (BNC)	08/82 - 12/86	NET	77								550319
	Estate (BNG)	01/87 - 02/93	N8C, NES	77	550322						550204	
	Hatchback (GBC, GBG)	01/87 - 02/93	N8C, NES	77	550322						550204	
2.0 16V Cosworth 4x4	Hatchback (GBC, GBG)	01/90 - 02/93	N5D	162								550312
2.0 4x4	(GBG, GB4)	01/90 - 02/93	N9C	88	550071						550202	550312
	Estate (BNG)	02/90 - 02/93	N9C	88							550202	550312
	Hatchback (GBC, GBG)	10/91 - 03/93	N9C	88								550312
	(GBG, GB4)	01/90 - 02/93	N9C	92							550202	550312
	Estate (BNG)	05/89 - 02/93	N9C	92							550202	550312
2.0 i	Estate (BNG)	01/87 - 02/93	NE5, NEJ	74	550322						550202	
	Hatchback (GBC, GBG)	01/87 - 02/93	NE5, NEJ	74	550322						550202	
	(GBG, GB4)	01/87 - 02/93	N4A, N4I	85	550322						550202	550318 550319
	Estate (BNG)	01/87 - 02/93	N4A, N4I	85	550322						550202	
	Hatchback (GBC, GBG)	01/87 - 02/93	N4A, N4I	85	550322						550202	
	(GBG, GB4)	01/90 - 02/93	N9C	88							550202	
	Estate (BNG)	05/89 - 02/93	N9C	88							550202	
	Hatchback (GBC, GBG)	06/89 - 02/93	N9C	88							550202	
	(GBG, GB4)	01/90 - 02/93	N9C	92							550202	
	Estate (BNG)	05/89 - 02/93	N9C	92							550202	
	Hatchback (GBC, GBG)	06/89 - 02/93	N9B	92							550202	
2.0 i CAT	(GBG, GB4)	01/87 - 02/93	N4B	74	550322						550202	550318 550319
	Estate (BNG)	01/87 - 02/93	N4B	74	550322						550202	
	Hatchback (GBC, GBG)	01/87 - 02/93	N4B	74	550322						550202	
2.3	Estate (BNC)	08/82 - 12/86	YYT	84								550319
2.3 D	Estate (BNG)	01/87 - 02/93	YTR	49	550322							
2.8 4x4	Estate (BNG)	01/87 - 08/88	PRG	110								550312
2.8 i XR 4x4	Hatchback (GBC, GBG)	01/87 - 08/88	PRG	110								550312
2.9	Estate (BNG)	08/88 - 02/93	B4B, B4C	107							550205	
2.9 4x4	(GBG, GB4)	08/88 - 02/93	B4B, B4C	107							550205	550312
	Estate (BNG)	08/88 - 02/93	B4B, B4C	107							550205	550312
	(GBG, GB4)	08/88 - 02/93	B4B, B4C	110							550205	550312
	Estate (BNG)	08/88 - 02/93	B4B, B4C	110							550205	550312
2.9 i	(GBG, GB4)	08/88 - 02/93	B4B, B4C	107							550205	550318
	Hatchback (GBC, GBG)	08/88 - 02/93	B4B, B4C	107							550205	
	(GBG, GB4)	08/88 - 02/93	B4B, B4C	110							550205	550318
	Estate (BNG)	08/88 - 02/93	B4B, B4C	110							550205	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.9 i XR 4x4	Hatchback (GBC, GBG)	08/88 - 02/93	B4B, B4C	107						550205	550312
	Hatchback (GBC, GBG)	08/88 - 02/93	B4A	110						550205	550312

STREET KA 05/03 - 07/05

1.6		05/03 - 07/05	CDRA, CDRB	70	550110	550111					550431
-----	--	---------------	------------	----	--------	--------	--	--	--	--	--------

TOURNEO CONNECT 06/02 -

1.8 16V		06/02 -	EYPA, EYPC	85		550041				550140	
1.8 Di		06/02 -	BHPA	55				550298			
1.8 TDCi		08/06 -	RWPA	81				550298			
1.8 Turbo Di		06/02 -	HCPA	66				550298			

TRANSIT 09/85 -

1.6	Box (T__)	09/85 - 09/92	LAT	46						550165	550304
	Bus (T__)	12/85 - 01/89	LAT	46						550165	550304
											550319
2.0	Box (T__)	09/85 - 09/92	NAT, NAV	57						550165	550304
	Bus (T__)	11/85 - 09/92	NAT, NAV	57						550165	550304
	Bus (T__)	12/85 - 09/92	N6T	57						550165	550304
	Platform/Chassis (T__)	01/86 - 09/92	NAT, NAV	57						550165	550304
	Platform/Chassis (T__)	11/85 - 09/92	N6T	57						550165	550304
	Box (E__)	09/91 - 06/94	NBA	66	550322						550204
	Bus (E__)	09/91 - 09/94	NBA	66	550322						550204
	Platform/Chassis (E__)	09/91 - 08/94	NCA	72	550322						550204
	Box (E__)	06/94 - 03/00	NSF, NSG	84	550121	550038					550204
					550322						550250
	Bus (E__)	09/95 - 03/00	NSF, NSG	84	550121	550038					
	Platform/Chassis (E__)	08/94 - 03/00	NSF, NSG	84	550121	550038					550204
					550322						
2.0 CNG	Bus (E__)	06/94 - 03/00	NSH	84	550322	550038					550250
											550319
2.0 DI	Box (FA__)	08/00 - 05/06	D3FA	55	550314					550159	
					550592						
	Bus (FD__, FB__, FS__, FZ__, FC__)	08/00 - 05/06	D3FA	55	550314						
					550592						
	Platform/Chassis (FM__, FN__)	08/00 - 05/06	D3FA	55	550314					550159	
					550592						
	Box (FA__)	08/00 - 05/06	F3FA	63	550314						
					550592						
2.0 DI	Bus (FD__, FB__, FS__, FZ__, FC__)	08/00 - 05/06	F3FA	63	550314						
					550592						
	Platform/Chassis (FM__, FN__)	08/00 - 05/06	F3FA	63	550037						
					550314						

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

FORD

	Box (FA__)	08/00 - 05/06	ABFA	74	550314 550592			550159		
	Bus (FD__, FB__, FS__, FZ__, FC__)	08/00 - 05/06	ABFA	74	550314 550592					
	Platform/Chassis (FM__, FN__)	08/00 - 05/06	ABFA	74	550314 550592			550159		
2.0 i	Box (E__)	09/91 - 06/94	NCA	72	550322				550204	
	Bus (E__)	09/91 - 07/94	NCA	72	550322				550204	
2.0 TDCi	Box (FA__)	08/02 - 05/06	FIFA	92			550274			
	Bus (FD__, FB__, FS__, FZ__, FC__)	08/02 - 05/06	FIFA	92			550274			
	Platform/Chassis (FM__, FN__)	08/02 - 05/06	FIFA	92			550274			
2.2 TDCi	Box	04/06 -	P8FA	63	550314			550413		
	Bus	04/06 -	P8FA	63	550314			550413		
	Platform/Chassis	04/06 -	P8FA	63	550314			550413		
	Box	04/06 -	QVFA	81	550314			550413		
	Bus	04/06 -	QVFA	81	550314			550413		
	Platform/Chassis	04/06 -	QVFA	81	550314			550413		
	Box	04/06 -	QWFA	96	550314			550413		
	Bus	04/06 -	QWFA	96	550314			550413		
	Platform/Chassis	04/06 -	QWFA	96	550314			550413		
	Box	10/07 -	PGFA	103				550413		
	Bus	10/07 -	PGFA	103				550413		
	Platform/Chassis	10/07 -	PGFA	103				550413		
2.3 16V	Box	04/06 -	GZFA	107	550314		550295			
	Platform/Chassis	04/06 -	GZFA	107	550314		550295			
	Platform/Chassis (FM__, FN__)	04/01 - 05/06	E5FA	107	550314	550038				
2.3 16V [RWD]	Box (FA__)	04/01 - 05/06	E5FA	107	550314	550038		550140 550159	550193	
	Bus (FD__, FB__, FS__, FZ__, FC__)	08/00 - 05/06	E5FA	107	550314	550038		550140	550193	
2.4 DI	Platform/Chassis (FM__, FN__)	01/00 - 05/06	F4FA	55	550037 550314			550159		
	Box (FA__)	01/00 - 05/06	D2FA, D2FE	66	550037 550314			550159		
	Bus (FD__, FB__, FS__, FZ__, FC__)	01/00 - 05/06	D2FA, D2FB	66	550037 550314					
	Platform/Chassis (FM__, FN__)	01/00 - 05/06	D2FA, D2FE	66	550037 550314			550159		
	Platform/Chassis (FM__, FN__)	01/00 - 05/06	D4FA	88	550037 550314			550159		
2.4 DI [RWD]	Box (FA__)	01/00 - 05/06	F4FA	55	550037 550314			550159		
2.4 DI [RWD]	Bus (FD__, FB__, FS__, FZ__, FC__)	01/00 - 05/06	F4FA	55	550037 550314					
	Box (FA__)	01/00 - 05/06	D4FA	88	550037 550314			550159		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	Bus (FD_ , FB_ , FS_ , FZ_ , FC_)	01/00 - 05/06	D4FA	88	550037 550314					
2.4 TDCi	Box	04/06 -	PHFA	74	550314			550413		
	Bus	04/06 -	PHFA	74	550314			550413		
	Platform/Chassis	04/06 -	PHFA	74	550314			550413		
	Box	04/06 -	JXFA	85	550314			550413		
	Bus	04/06 -	JXFA	85	550314			550413		
	Platform/Chassis	04/06 -	JXFA	85	550314			550413		
	Box (FA_)	03/04 - 05/06	H9FA	101		550151	550295			
	Bus (FD_ , FB_ , FS_ , FZ_ , FC_)	03/04 - 05/06	H9FA	101		550151	550295			
	Platform/Chassis (FM_ , FN_)	03/04 - 05/06	H9FA	101		550151	550295			
	Box	04/06 -	H9FD	103	550314			550413		
	Bus	04/06 -	H9FD	103	550314			550413		
	Platform/Chassis	04/06 -	H9FD	103	550314			550413		
2.4 TDCi 4x4	Box	11/06 -	H9FB	103				550413		
	Bus	11/06 -	H9FB	103				550413		
	Platform/Chassis	11/06 -	H9FB	103				550413		
2.4 TDE	Box (FA_)	03/04 - 05/06	FXFA	85		550151				
	Bus (FD_ , FB_ , FS_ , FZ_ , FC_)	03/04 - 05/06	FXFA	85		550151				
	Platform/Chassis (FM_ , FN_)	03/04 - 05/06	FXFA	85		550151				
2.5 D	Bus (T_)	12/85 - 01/89	4AB	50						550319
2.5 DI	Box (E_)	05/91 - 06/94	4BC, 4CC, 4FA	51	550322 550438					
	Box (E_)	06/94 - 03/00	4FA, 4FB, 4FC, 4FD	51	550322 550438					550319
	Bus (E_)	08/91 - 07/94	4BC, 4CC, 4FA	51	550322 550438					
	Bus (E_)	08/94 - 03/00	4FA, 4FB, 4FC, 4FD	51	550322 550438					550319
	Platform/Chassis (E_)	08/94 - 03/00	4FA, 4FB, 4FC, 4FD	51	550322 550438					
	Platform/Chassis (E_)	09/91 - 08/94	4BC, 4CC, 4FA	51	550322 550438					
	Box (E_)	06/94 - 03/00	4HB, 4HC	56	550322 550438					550319
	Bus (E_)	07/94 - 03/00	4HB, 4HC	56	550322 550438					550319
	Platform/Chassis (E_)	08/94 - 03/00	4HB, 4HC	56	550322 550438					
	Box (E_)	05/91 - 06/94	4DA	59	550322 550438					
2.5 DI	Bus (E_)	09/91 - 07/94	4DA	59	550322 550438					
	Platform/Chassis (E_)	09/91 - 08/94	4DA	59	550322 550438					
	Box (E_)	10/92 - 06/94	4GA	63	550438					550319

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	Box (E_)	05/99 - 03/00	4ED	85	550438			550158		
	Bus (E_)	08/97 - 03/00	4ED	85	550438			550158		
	Platform/Chassis (E_)	05/99 - 03/00	4ED	85	550438			550158		
2.5 TD	Box (E_)	10/98 - 03/00	4HA, 4HD	55				550158		
	Bus (E_)	08/94 - 06/00	4HA, 4HD	55	550322			550158		550319
	Platform/Chassis (E_)	10/98 -	4HA, 4HD	55				550158		
	Box (E_)	06/94 - 03/00	4GA, 4GB, 4GC, 4GD, 4GE, 4GF	63	550322			550158		550319
	Bus (E_)	10/92 - 07/94	4GA, 4GB, 4GC	63						550319
	Bus (E_)	01/95 - 03/00	4GA, 4GB, 4GC, 4GD, 4GE, 4GF	63				550158		
	Platform/Chassis (E_)	08/94 - 03/00	4GA, 4GB, 4GC, 4GD, 4GE, 4GF	63	550322			550158		
	Platform/Chassis (E_)	11/92 - 08/94	4GA	63						550319
	Box (E_)	05/91 - 06/94	4EA	74	550322					
	Bus (E_)	09/91 - 07/94	4EA	74	550322					
	Bus (E_)	07/94 - 03/00	4EB, 4EC	74	550322			550158		550319
	Platform/Chassis (E_)	08/94 - 03/00	4EB, 4EC	74	550322			550158		
	Platform/Chassis (E_)	09/91 - 08/94	4EA	74	550322					
2.5 TDI	Box (E_)	06/94 - 03/00	4EB, 4EC	74	550322			550158		550319
2.9 i	Bus (E_)	01/91 - 09/94	BRT	107				550304	550205	
3.2 TDCi	Box	09/07 -	SAFA	147				550413		
	Bus	02/08 -	SAFA	147				550413		
	Platform/Chassis	09/07 -	SAFA	147				550413		

TRANSIT CONNECT

06/02 -

1.8 16V	(P65_, P70_, P80_)	06/02 -	EYPA, EYPC	85	550041					
1.8 Di	(P65_, P70_, P80_)	06/02 -	P7PA	55			550274			550310
							550298			
1.8 TDCi	(P65_, P70_, P80_)	06/02 -	HCPA	66			550274			
							550298			
	(P65_, P70_, P80_)	08/06 -	RWPA	81			550298			

TRANSIT TOURNEO

07/06 -

2.2 TDCi		07/06 -	QVFA	81				550413		
		07/06 -	QWFA	96				550413		
		10/07 -	PGFA	103				550413		

FORD USA

EXPLORER

01/93 -

4.0	(U2)	09/96 - 08/02	--	152	550417					550415
					550419					
					550429					
4.0 V6 All-wheel Drive	(U2)	10/98 -	--	150		550038				
						550042				
	(U2)	05/98 -	--	152		550038				
						550042				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

4.9 V6 All-wheel Drive	(U2)	01/96 -	--	157	550419					
------------------------	------	---------	----	-----	--------	--	--	--	--	--

HONDA**ACCORD**

01/92 -

1.6 i	VII (CG, CK)	10/98 - 12/02	D16B6	85					550362	
1.8 i	VII (CG, CK)	10/98 - 12/02	F18B2	100					550276	
	VII Hatchback (CH)	12/99 - 12/02	F18B2	100					550276	
2.0	V Coupe (CD7, CD9)	09/93 - 12/97	F20B3	100					550276	
	VII Hatchback (CH)	12/99 - 12/02	F20B6	108					550276	
2.0 i	VII (CG, CK)	10/98 - 01/01	F20B6	108					550276	
2.0 i 16V	IV Coupe (CC1)	01/92 - 09/93	F20A7	98					550276	
	VII Coupe (CG)	02/98 - 06/03	F20B5, F20B7	108					550276	
2.0 i LS 16V	V Aerodeck (CE)	09/93 - 02/98	F20B3	100					550276	
2.0 TDi	VI (CE, CF)	04/96 - 10/98	20T2N	77	550231					550587
	VII Hatchback (CH)	12/99 - 10/00	20T2N	77						550587
2.0 Turbo DI	VII (CG, CK)	02/99 - 12/02	20T2N	77	550231					550587
2.2 i ES	V Aerodeck (CE)	09/93 - 02/98	F22B5	110					550276	
	V Coupe (CD7, CD9)	09/93 - 02/98	F22B5	110					550276	
2.2 i VTEC	VI (CE, CF)	02/96 - 10/98	F22Z2	110					550276	
2.2 i-CTDi	VIII (CL_, CM_)	01/04 -	N22A1	103					550244	
	VIII Tourer (CM_)	01/04 -	N22A1	103					550244	
2.2 i-DTEC	IX (CU)	07/08 -	N22B1	110					550244	
	IX Estate	07/08 -	N22B1	110					550244	
2.2 Type-R	VII (CG, CK)	02/99 - 12/02	H22A7	156					550276	
2.3	VII (CG, CK)	01/01 - 06/03	F23Z5	113					550276	
	VII Hatchback (CH)	11/00 - 12/02	F23Z5	113					550276	
3.0 V6 24V	VII Coupe (CG)	02/98 - 06/03	J30A1	147					550276	

CIVIC

09/87 -

1.4 16V	VI Aerodeck (MB, MC)	04/98 - 02/01	D14A7	55					550276	
	VI Fastback (MA, MB)	01/97 - 02/01	D14A7	55					550276	
	VI Aerodeck (MB, MC)	04/98 - 02/01	D14A8	66					550276	
	VI Fastback (MA, MB)	01/97 - 02/01	D14A8	66					550276	
1.4 i	VI Fastback (MA, MB)	09/95 - 01/97	D14A5	55					550276	
1.4 i	VI Hatchback (EJ, EK)	11/95 - 02/01	D14A3	55					550276	
	VII Hatchback (EU, EP, EV)	02/01 - 09/05	D14Z6	55					550276	
	VI Fastback (MA, MB)	09/94 - 01/97	D14A2	66					550276	
	VI Saloon (EJ, EK)	11/95 - 02/01	D14A4	66					550276	
1.4 i S	VI Hatchback (EJ, EK)	11/95 - 02/01	D14A4	66					550276	
1.5 16V	VI Aerodeck (MB, MC)	04/98 - 02/01	D15Z8	84					550276	
	VI Fastback (MA, MB)	01/97 - 02/01	D15Z8	84					550276	
1.5 i	VI Hatchback (EJ, EK)	11/95 - 02/01	D15Z6	84					550276	

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****KW****CKP****CMP****KNS****MAP****TPS****OTHERS****HONDA**

	VI Saloon (EJ, EK)	11/95 - 02/01	D15Z6	84					550276		
1.5 i 16V	IV Hatchback (EC, ED, EE)	10/88 - 09/91	D15B2	66					550276		
	IV Hatchback (EG)	10/91 - 11/95	D15B2	66					550276		
	IV Saloon (ED)	10/87 - 09/91	D15B2	66					550276		
	IV Hatchback (EC, ED, EE)	10/88 - 09/91	D15B2	69					550276		
	IV Hatchback (EG)	10/91 - 11/95	D15B2, D15Z1	69					550276		
	IV Saloon (ED)	10/87 - 09/91	D15B2	69					550276		
	V Saloon (EG, EH)	10/91 - 11/95	D15B2, D15Z1	69					550276		
1.5 i LSi	V Coupe (EJ)	01/94 - 11/95	D15B7	74					550276		
1.5 i Vtec-E	VI Fastback (MA, MB)	09/94 - 01/97	D15Z3	66					550276		
1.6 16V	VI Aerodeck (MB, MC)	04/98 - 02/01	D16B2	85					550276		
	VI Fastback (MA, MB)	01/97 - 02/01	D16B2	85					550276		
1.6 16V Vtec	IV Hatchback (EG)	10/91 - 11/95	D16Z6	92					550276		
	V Saloon (EG, EH)	10/91 - 11/95	D16Z6, D16Z7	92					550276		
1.6 i	V Coupe (EJ)	01/94 - 11/95	D16Y7	77					550276		
	VI Coupe (EJ, EM1)	03/96 - 03/00	D16Y7	77					550276		
	VI Fastback (MA, MB)	09/94 - 01/97	D16Y3	83					550276		
	VI Hatchback (EJ, EK)	11/95 - 02/01	D16Y5	84					550276		
1.6 i Vtec	V Coupe (EJ)	01/94 - 03/96	D16Y6, D16Z9	92					550276		
	VI Coupe (EJ, EM1)	03/96 - 03/00	D16Y8	92					550276		
	VI Saloon (EJ, EK)	11/95 - 02/01	D16Y6, D16Y8	92					550276		
	VI Fastback (MA, MB)	09/94 - 01/97	D16Y2	93					550276		
1.6 VTi	V Saloon (EG, EH)	10/91 - 11/95	B16A2	118					550276		
	VI Fastback (MA, MB)	01/97 - 02/01	B16A2	118					550276		
	VI Hatchback (EJ, EK)	11/95 - 02/01	B16A2	118					550276		
	VI Saloon (EJ, EK)	11/95 - 02/01	B16A2	118					550276		
1.6 VTi 16V	IV Hatchback (EG)	10/91 - 11/95	B16A2	118					550276		
1.7 CTDi	VII Hatchback (EU, EP, EV)	01/02 - 09/05	4EE-2	74		550128					
1.8 16V	VI Aerodeck (MB, MC)	04/98 - 02/01	B18C4	124					550276		
	VI Fastback (MA, MB)	01/97 - 02/01	B18C4	124					550276		
2.0 i D	VI Aerodeck (MB, MC)	04/98 - 02/01	20T2N	77							550587
2.0 TDiC	VI Fastback (MB)	11/98 - 10/00	20T2N	77							550587
	VI Hatchback (EJ, EK)	11/98 - 10/00	20T2N	77							550587
2.2 CTDi	VIII Hatchback (FN, FK)	01/06 -	N22A2	103					550244		

CR-V 10/95 -

2.0 16V	I (RD)	01/99 - 02/02	B20Z1	108					550276		
2.2 CTDi	II (RD_)	02/05 - 09/06	N22A2	103					550244		
2.2 i-CTDi	III	01/07 -	N22A2	103					550244		

CRX 10/87 - 12/98

1.6 ESi	III (EH, EG)	03/92 - 12/98	D16Z6	92					550276		
---------	--------------	---------------	-------	----	--	--	--	--	--------	--	--

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 i 16V	II (ED, EE)	10/87 - 02/92	D16Z5	91				550276		
1.6 i VTi	III (EH, EG)	03/92 - 12/98	B16A2	118				550276		
FR-V		02/05 -								
2.2 i CTDi	(BE)	07/05 -	N22A1	103				550244		
HR-V		03/99 -								
1.6 16V	(GH)	03/99 -	D16W1	77				550276		
1.6 16V 4WD	(GH)	03/99 -	D16W1	77				550276		
	(GH)	10/99 -	D16W5	91				550276		
INTEGRA		07/93 - 11/01								
1.8 Type-R	Coupe (DC2, DC4)	11/97 - 10/01	B18C6	140				550276		
LEGEND		01/86 - 03/91								
2.7 i 24V	I (HS, KA)	01/88 - 12/90	C27A1	124	550368					
LOGO		03/99 - 03/02								
1.3	(GA3)	03/99 - 03/02	D13B7	48				550276		
PRELUDE		12/91 - 10/00								
2.0 16V	V (BB)	10/96 - 10/00	F20A4	98				550276		
2.0 i 16V	IV (BB)	02/92 - 09/96	F20A4	98				550276		
2.2 16V	V (BB)	10/96 - 10/00	H22A5	136				550276		
	V (BB)	10/96 - 10/00	H22A5	147				550276		
S2000		03/99 -								
2.0	(AP)	06/99 -	F20C VTEC	177				550276		
SHUTTLE		06/94 - 06/04								
2.2 16V	(RA)	10/94 - 02/98	F22B8	110				550276		
2.3 16V	(RA)	10/97 - 06/04	F23A7	110				550276		
HYUNDAI										
ACCENT		10/94 -								
1.3	I (X-3)	10/94 - 01/00	G4EH	44	550065 550168	550169		550140	550144	
	Saloon (X-3)	10/94 - 01/00	G4EH	44	550065	550169		550140	550144	
1.3	I (X-3)	10/94 - 01/00	G4EH	55	550065 550168	550169		550140	550144	
	II (LC)	01/00 -	G4E-A	55			550287 550396	550140	550301	
	Saloon (LC)	01/00 - 11/05	G4E-A	55	550168		550287	550140	550301	
	Saloon (X-3)	10/94 - 01/00	G4EH	55	550065 550168	550169		550140	550144	
	II (LC)	01/00 -	G4E-A	61			550287			
	II (LC)	08/02 -	--	62	550408	550546	550287			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	II (LC)	01/00 -	G4E-A	63			550287 550396	550140	550301
	Saloon (LC)	01/00 - 11/05	G4E-A	63			550287	550140	550301
1.3 i 12V	I (X-3)	10/94 - 01/00	G4EH	62	550065	550169		550140	550144
	Saloon (X-3)	10/94 - 01/00	G4EH	62	550065 550168	550169		550140	550144
1.4 GL	III (MC)	11/05 -	G4EE	71	550523				
1.5	II (LC)	01/00 -	G4EB	66			550287 550396		550301
	Saloon (LC)	01/00 - 11/05	G4EB	66			550287	550394	550301
	II (LC)	09/00 -	G4EC-G	75			550396		550301
1.5 CRDi	Saloon (LC)	01/02 - 11/05	D3-EA	60				550394	
1.5 CRDi GLS	III (MC)	11/05 -	D4FA	81		550531 550573			
	Saloon (MC)	11/05 -	D4FA	81		550573			
1.5 i 12V	I (X-3)	10/94 - 01/00	G4EK	65	550065 550168	550169	550286		550144
	Saloon (X-3)	10/94 - 01/00	G4EK	65	550065 550168	550169	550286		550144
1.5 i 16V	I (X-3)	12/95 - 01/00	G4ER	73	550065		550286	550325	550144
	Saloon (X-3)	10/95 - 01/00	G4ER	73	550065		550286	550325	550144
1.6	II (LC)	12/02 -	G4ED-G	77				550140	550301
	Saloon (LC)	12/02 - 11/05	G4ED-G	77				550140 550394	550301
1.6 GLS	III (MC)	11/05 -	G4ED	82	550523				

ATOS 02/98 -

1.0 i	(MX)	02/98 - 03/02	G4HC	40		550578		550394	
	(MX)	03/01 -	G4HC-E	43		550329			550399

ATOS PRIME 08/99 -

	(MX)	08/99 -	G4HC	40		550329 550578		550394	
	(MX)	03/01 -	G4HC-E	43		550329			550399
1.1	(MX)	06/03 -	G4HD	43		550329			
	(MX)	09/05 -	G4HG	46		550329			

CENTENNIAL 10/99 -

4.5		10/99 - 09/03	8A80	195			550588		
-----	--	---------------	------	-----	--	--	--------	--	--

COUPE 06/96 -

1.6 16V	(GK)	03/02 -	G4ED-G	77					550301
	(GK)	03/02 -	G4ED-G	79					550301
	(RD)	03/98 - 04/02	G4GR	85			550285 550396		550144
1.6 i 16V	(RD)	12/96 - 04/02	4G61	84	550065		550285 550396		550144

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	(GK)	08/01 -	G4GC-G	100	550355		550468	550394	550301
	(GK)	03/02 -	G4GC-G	102		550307	550468	550140 550394	550301
2.0 16V	(RD)	03/01 - 04/02	G4DF	99		550307		550140	
	(RD)	08/96 - 04/02	G4GF	102	550065	550307	550285	550140	550144
2.0 GLS	(GK)	02/03 -	G4GC-G	105				550140 550394	550301
2.7 V6	(GK)	03/02 -	G6BA-G	123			550544		550144 550399

ELANTRA

06/00 -

1.6	(XD)	06/00 - 07/06	--	66				550396	
	Saloon (XD)	06/00 - 07/06	--	66				550396	
	(XD)	05/03 -	G4ED-G	77					550301
	Saloon (XD)	05/03 -	G4ED-G	77					550301
	(XD)	06/00 -	G4ED-G	79	550355			550396	550301
	Saloon (XD)	06/00 -	G4ED-G	79	550355			550396	550301
1.6 CRDi	(XD)	02/06 -	D4FB	85		550573			
	Saloon (XD)	02/06 -	D4FB	85		550573			
1.8	(XD)	06/00 -	G4BB	97	550355			550396	550394 550301
	Saloon (XD)	06/00 -	G4BB	97	550355			550396	550394 550301
2.0	(XD)	06/00 -	G4GC-G	102				550396 550468	550394 550301
	Saloon (XD)	06/00 -	G4GC-G	102	550355			550396	550394 550301
	(XD)	06/00 -	G4GC	104	550355			550396 550468	550394 550301
	Saloon (XD)	06/00 -	G4GC	104	550355			550396	550394 550301
	(XD)	10/03 -	G4GC	105				550468	550301
	Saloon (XD)	10/03 -	G4GC	105					550301
2.0 CRDi	(XD)	04/01 -	D4EA	83	550408				

GETZ

08/02 -

1.1	(TB)	09/02 -	G4HD	46			550329		550301
	(TB)	09/05 -	G4HD	49			550329		550301
1.3	(TB)	09/03 -	G4E-A	63	550408				550301
1.3 i	(TB)	09/02 -	G4E-A	60				550394	550301
1.4 i	(TB)	08/05 -	G4EE	71			550396	550394	
1.5 CRDi	(TB)	03/03 -	D3-EA	60			550531	550396	550394
	(TB)	08/05 -	--	65			550531 550573		
1.5 CRDi GLS	(TB)	08/05 -	D4FA	81			550573		
1.6	(TB)	09/02 -	G4ED-G	77					550301

GRANDEUR

04/05 -

3.3	(TG)	04/05 -	G6DB	173			550519 550521	550588	
-----	------	---------	------	-----	--	--	------------------	--------	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(HG)	06/11 -	--	191			550588			
	(TG)	11/10 -	--	191			550588			

H-1 10/97 -

2.4	Box	03/00 -	G4CS	82		550403			550399	
	Bus (KMF)	10/97 -	G4CS	82		550329				
	Box	11/01 -	--	107					550144	
2.5 CRDi	Box	01/07 -	--	81		550532				
	Bus (KMF)	06/06 -	--	81		550532				
	Bus (KMF)	12/02 -	--	103		550461				
2.5 CRDi 4WD	Bus (KMF)	12/02 -	--	103		550461				
2.5 TD	Box	03/00 - 09/00	D4BF	59						550545
	Bus (KMF)	10/97 -	D4BF	59						550545
	Bus (KMF)	11/01 -	D4BH	74		550461				
2.5 TD 4WD	Bus (KMF)	03/01 -	D4BH	73		550461				
	Bus (KMF)	11/01 -	D4BH	74		550461				

H100 07/93 -

2.5 TD	Bus (P)	07/93 - 03/00	D4BF	59						550545
--------	---------	---------------	------	----	--	--	--	--	--	--------

i10 10/07 -

1.1		01/08 -	G4HG	49		550530				
1.1 CRDi		01/08 -	D3FA	55		550573				

i30 10/07 -

1.4		10/07 -	G4FA	80	550575	550520				
1.6		10/07 -	G4FC	90	550575	550520				
1.6 CRDi		10/07 -	--	66		550573				
	CW	02/08 -	--	66		550573				
		10/07 -	D4FB	85		550573				
	CW	02/08 -	D4FB	85		550573				

LANTRA 10/90 -

1.5 12V	II (J-2)	12/96 - 09/00	G4EK	65	550065		550286	550140	550144	
1.5 12V	II Wagon (J-2)	04/97 -	G4EK	65	550065	550169	550286	550140	550144	
1.5 i.e.	I (J-1)	10/90 - 11/95	G15B, G4DJ	63				550140		
1.6 16V	II (J-2)	11/95 - 09/00	4G61	84		550307				
1.6 i	II (J-2)	11/95 - 09/00	G4GR	66	550065	550307	550285		550144	
	II Wagon (J-2)	02/96 -	G4GR	66	550065	550307	550285		550144	
1.8 16V	II (J-2)	11/95 - 09/00	G4GM	94	550065	550307	550285	550140	550144	
	II Wagon (J-2)	02/96 -	G4GM	94	550065	550307	550285	550140	550144	
2.0 16V	II (J-2)	08/96 - 09/00	G4GF	102			550285		550144	
	II Wagon (J-2)	12/96 -	G4GF	102	550065		550285		550144	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

HYUNDAI



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MATRIX		06/01 -							
1.5 CRDi	(FC)	10/01 -	D3-EA	60	550355	550531			
	(FC)	12/04 -	D4FA	75		550531			
						550573			
1.5 CRDi VGT	(FC)	03/08 -	D4FA	81		550573			
1.6	(FC)	06/01 -	G4ED-G	76	550355		550396	550394	550301
					550408				
1.8	(FC)	06/01 -	G4GB-G	90	550355		550396		550301
					550408		550468		

PONY		10/89 - 01/95							
1.5 i	(X-2)	10/89 - 01/95	G15B, G4DJ	61					550140
	(X-2)	10/89 - 01/95	G15B, G4DJ	62					550140

PONY/EXCEL		01/90 - 01/95							
1.5 i	Saloon (X-2)	01/90 - 01/95	G15B, G4DJ	61					550140
	Saloon (X-2)	01/90 - 01/95	G15B, G4DJ	62					550140

S COUPE		02/90 - 05/96							
1.5 i	(SLC)	04/92 - 05/96	G4EK	65		550169	550286		550144
1.5 i Turbo	(SLC)	04/91 - 05/96	G4EK-TC	85		550169	550286		550144

SANTA FÉ		11/00 -							
2.0	I (SM)	08/01 - 03/06	G4BP	99		550329	550543	550394	
						550579			
2.0 CRDi	I (SM)	08/01 - 03/06	D4EA	83		550531		550394	
2.0 CRDi 4x4	I (SM)	04/01 - 03/06	D4EA	83				550394	
2.4 16V	I (SM)	02/01 - 03/06	G4JS-G	100		550329	550543		550398
						550403			
						550579			
	I (SM)	02/01 - 03/06	G4JS-G	107		550329	550543		550398
						550579			
2.4 16V 4x4	I (SM)	02/01 - 03/06	G4JS-G	100		550329	550543		550398
						550579			
	I (SM)	02/01 - 03/06	G4JS-G	107		550329	550543		
						550579			
2.7 V6 4x4	I (SM)	02/01 - 03/06	G6BA-G	127	550308		550544		
2.7 V6 GLS	II (CM)	03/06 -	G6EA	139		550519			
						550521			
2.7 V6 GLS 4x4	II (CM)	03/06 -	G6EA	139		550519			
						550521			

SANTRO		08/03 - 05/05							
1.0		08/03 - 05/05	--	43		550329			

SONATA		03/98 -							
2.0 16V	IV (EF)	10/01 - 11/04	G4JP-EG	96		550329	550543	550394	
	IV (EF)	06/98 - 10/01	G4JP-G	100	550356	550329	550543		
	IV (EF)	10/01 - 11/04	--	106		550329			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS**

2.0 VVTi GLS	V (NF)	05/05 -	--	106		550519				
2.4	V (NF)	01/05 -	G4KC	119		550519				
2.4 16V	IV (EF)	03/98 - 10/01	--	105	550356		550543			
2.5 V6 24V	IV (EF)	06/98 - 10/01	G6BV-G	118	550308 550356		550544		550399	
2.7 V6	IV (EF)	10/01 - 11/04	G6BA-G	127			550544		550399	
	IV (EF)	11/02 - 11/04	G6BA	129			550544			
3.3	V (NF)	01/05 -	G6DB	171		550519				
	V (NF)	06/05 -	G6DB	173		550519				
	V (NF)	01/08 -	G6DB	184		550519				

STAREX 06/97 -

2.4	(H1)	02/03 - 04/04	--	101					550144	
-----	------	---------------	----	-----	--	--	--	--	--------	--

TERRACAN 06/01 -

2.5 TD	(HP)	12/01 -	D4BH	74	550259					
2.9 CRDi 4WD	(HP)	12/01 -	J3	110	550259					
	(HP)	11/03 -	J3	120	550259					
3.5 i V6 4WD	(HP)	12/01 -	G6CU	143	550259					

TRAJET 03/00 -

2.0	(FO)	03/00 -	G4JP-G	100	550355 550356 550408	550403	550543	550394	550301 550398 550399	
	(FO)	01/04 -	G4GC-G	103			550468 550543		550301	
2.0 CRDi	(FO)	04/01 -	D4EA	83		550531				
2.7 V6	(FO)	09/00 -	G6BA-G	127	550355		550544		550144 550399	

TUCSON 08/04 -

2.0	(JM)	08/04 -	G4GC	104	550355 550408		550468		550301	
2.0 All-wheel Drive	(JM)	08/04 -	G4GC	104	550355				550301	
2.0 CRDi	(JM)	08/04 -	D4EA	83	550355	550531				
	(JM)	01/06 -	D4EA	100		550531				
2.0 CRDi	(JM)	01/06 -	D4EA-V	103		550531				
2.0 CRDi All-wheel Drive	(JM)	08/04 -	D4EA	83	550355					
2.7 All-wheel Drive	(JM)	08/04 -	G6BA-G	129	550355		550544		550144 550399	

XG 12/98 -

25		12/98 -	--	120			550544		550399	
----	--	---------	----	-----	--	--	--------	--	--------	--

INFINITI**FX 01/03 -**

3.5		02/03 -	VQ35DE	206			550598			
-----	--	---------	--------	-----	--	--	--------	--	--	--

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

35		01/03 -	VQ35DE	206			550598			
4.5		02/03 -	VK45DE	232			550598			
45		01/03 -	VK45DE	232		550526	550598			

G20 01/90 - 12/97

2.0		01/90 - 12/97	SR20DE	85			550590			
-----	--	---------------	--------	----	--	--	--------	--	--	--

J30 01/92 - 12/97

3.0		01/92 - 12/97	VG30DE	157			550590			
-----	--	---------------	--------	-----	--	--	--------	--	--	--

M35 01/05 -

3.5 Luxury		01/05 -	VQ35DE	206			550598			
------------	--	---------	--------	-----	--	--	--------	--	--	--

3.5 Luxury All-wheel Drive		01/05 -	VQ35DE	206		550583	550598			
----------------------------	--	---------	--------	-----	--	--------	--------	--	--	--

M45 01/05 -

4.5 Luxury		01/05 -	VK45DE	250			550598			
------------	--	---------	--------	-----	--	--	--------	--	--	--

Q45 01/89 - 12/96

4.1		01/93 -	VH41DE	205			550590			
-----	--	---------	--------	-----	--	--	--------	--	--	--

4.5		01/89 - 12/93	VH45DE	205	550528		550590			
-----	--	---------------	--------	-----	--------	--	--------	--	--	--

QX4 01/97 -

3.3		01/97 -	VG33E	125			550590			
-----	--	---------	-------	-----	--	--	--------	--	--	--

IVECO**DAILY II 05/99 -**

29 L 13	Platform/Chassis	11/01 -	8140.43S	92	550279					
---------	------------------	---------	----------	----	--------	--	--	--	--	--

35 C 15	Platform/Chassis	11/01 -	8140.43N	107	550279					
---------	------------------	---------	----------	-----	--------	--	--	--	--	--

35 S 13 V,35 C 13 V	Box Body / Estate	05/99 -	8140.43S	92	550279					
---------------------	-------------------	---------	----------	----	--------	--	--	--	--	--

35 S 13,35 C 13	Platform/Chassis	05/99 -	8140.43S	92	550279					
-----------------	------------------	---------	----------	----	--------	--	--	--	--	--

35 S 15 V, 35 C 15 V	Box Body / Estate	11/02 -	8140.43N	107	550279					
----------------------	-------------------	---------	----------	-----	--------	--	--	--	--	--

50 C 13	Box Body / Estate	05/99 -	8140.43S	92	550279					
---------	-------------------	---------	----------	----	--------	--	--	--	--	--

	Platform/Chassis	05/99 -	8140.43S	92	550279					
--	------------------	---------	----------	----	--------	--	--	--	--	--

50 C 15	Platform/Chassis	01/01 -	8140.43N	107	550279					
---------	------------------	---------	----------	-----	--------	--	--	--	--	--

65 C 15	Platform/Chassis	11/01 -	8140.43N	107	550279					
---------	------------------	---------	----------	-----	--------	--	--	--	--	--

EuroCargo 01/91 - 12/00

180 E 24 K tector		09/00 -	F4AE0681B	176	550081					
-------------------	--	---------	-----------	-----	--------	--	--	--	--	--

180 E 24, 180 E 25 tector		09/00 -	F4AE0681B	176	550081					
------------------------------	--	---------	-----------	-----	--------	--	--	--	--	--

EuroStar 01/93 - 02/02

LD 190 E 39 P, LD 190 E 39 FP		11/99 - 02/02	F3AE0681E	287	550081					
----------------------------------	--	---------------	-----------	-----	--------	--	--	--	--	--

LD 190 E 43, LD 190 E 43 P, LD 190 E 43 FP		11/99 - 02/02	F3AE0681D	316	550081					
--	--	---------------	-----------	-----	--------	--	--	--	--	--

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

LD 260 E 39 P, LD 260 E 39 FP	11/99 - 02/02	F3AE0681E	287	550081					
LD 260 E 43 Y/PS, LD 260 E 43 FP	01/93 - 02/02	F3AE0681D	316	550081					
LD 440 E 39 T, LD 440 E 39 T/P	11/99 - 02/02	F3AE0681E	287	550081					
LD 440 E 43 T/P	01/93 - 02/02	F3AE0681D	316	550081					
LD 440 E 43 TX/P	11/99 - 02/02	F3AE0681D	316	550081					
LD 440 E 48 T/P	01/01 - 02/02	F3BE0681E	353	550081					

EuroTech MP 01/92 -

190 E 39, 190 E 39 /P, 190 E39 /FP	11/99 -	F3AE0681E	287	550081					
190 E 43, 190 E 43 /P	01/01 -	F3AE0681D	316	550081					
260 E 43 Y, 260 E 43 Y/P	11/99 -	F3AE0681D	316	550081					
440 E 39 T, 440 E 39 T/P, 440 E 39 T/FP-CT	11/99 -	F3AE0681E	287	550081					
440 E 39 TX/P	11/99 -	F3AE0681E	287	550081					
440 E 43 T, 440 E 43 T/P	11/99 -	F3AE0681D	316	550081					

EuroTrakker 01/93 - 11/04

MP 190 E 38 W Cursor	01/01 - 11/04	F3BE0681G	280	550081					
	01/01 - 11/04	F3BE0681G	280	550081					
MP 190 E 44 W Cursor	09/00 - 11/04	F3BE0681C	324	550081					
	09/00 - 11/04	F3BE0681C	324	550081					
MP 260 E 38 H Cursor	01/01 - 11/04	F3BE0681G	280	550081					
	01/01 - 11/04	F3BE0681G	280	550081					
MP 260 E 38 W Cursor	01/01 - 11/04	F3BE0681G	280	550081					
	01/01 - 11/04	F3BE0681G	280	550081					
MP 260 E 44 H Cursor	01/01 - 11/04	F3BE0681C	324	550081					
	01/00 - 11/04	F3BE0681C	324	550081					
MP 260 E 44 W Cursor	01/01 - 11/04	F3BE0681C	324	550081					
	01/01 - 11/04	F3BE0681C	324	550081					
MP 340 E 38 H Cursor	01/01 - 11/04	F3BE0681G	280	550081					
	01/01 - 11/04	F3BE0681G	280	550081					
MP 340 E 38 HB Cursor	01/01 - 11/04	F3BE0681G	280	550081					
MP 340 E 44 H Cursor	01/01 - 11/04	F3BE0681C	324	550081					
	01/01 - 11/04	F3BE0681C	324	550081					
MP 340 E 44 HB Cur- sor	01/01 - 11/04	F3BE0681C	324	550081					
MP 380 E 38 H Cursor	01/01 - 11/04	F3BE0681G	280	550081					
	01/01 - 11/04	F3BE0681G	280	550081					
MP 380 E 38 W Cursor	01/01 - 11/04	F3BE0681G	280	550081					
	01/01 - 11/04	F3BE0681G	280	550081					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

IVECO



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MP 380 E 44 H Cursor		01/01 - 11/04	F3BE0681C	324	550081					
		01/01 - 11/04	F3BE0681C	324	550081					
MP 380 E 44 W		01/01 - 11/04	F3BE0681C	324	550081					
MP 380 E 44 W Cursor		01/01 - 11/04	F3BE0681C	324	550081					
MP 410 E 38 H Cursor		01/01 - 11/04	F3BE0681G	280	550081					
		01/01 - 11/04	F3BE0681G	280	550081					
MP 410 E 44 H Cursor		01/01 - 11/04	F3BE0681C	324	550081					

Stralis 02/02 -

AS 260S40		02/02 -	F3AE0681B	294	550081					
AS 260S43		02/02 -	F3AE0681D	316	550081					
AS 260S48		02/02 -	F3BE0681E	353	550081					
AS 260S54		02/02 -	F3BE0681A	397	550081					
AS 440S40		02/02 -	F3AE0681B	294	550081					
		02/02 -	F3AE0681B	294	550081					
AS 440S43		02/02 -	F3AE0681D	316	550081					
		02/02 -	F3AE0681D	316	550081					
AS 440S48		02/02 -	F3BE0681E	353	550081					
		02/02 -	F3BE0681E	353	550081					
AS 440S54		02/02 -	F3BE0681A	397	550081					

JEEP**CHEROKEE 10/84 -**

4.0 i	(XJ)	01/95 -	ERH	131	550178					
	(XJ)	01/88 -	ERH	136	550178					

WRANGLER 08/86 -

2.5	I (YJ, SJ_)	01/88 - 12/91	--	76	550178					
4.0	II (TJ)	08/96 -	S01	130				550140		
	I (YJ, SJ_)	12/91 - 08/96	ERH	131	550178			550140		

KIA**AVELLA 11/95 - 12/01**

1.3		11/95 - 12/01	B3	55						550144
	Hatchback	11/95 - 12/01	--	55						550144

CARENS 11/00 -

1.6	II (FJ)	07/02 -	--	77	550233	550404	550397			550144
1.8	II (FJ)	07/02 -	--	93			550562			550144
1.8 i	I (FC)	11/00 - 07/02	T8	81			550562			550144
2.0 CVVT	II (FJ)	08/04 -	G4GC	102	550355		550468			

CARENS III 09/06 -

1.6 CVVT	(UN)	08/09 -	G4FC	97	550575					
----------	------	---------	------	----	--------	--	--	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

CARNIVAL 08/99 -

2.5 V6	II (GQ)	10/01 -	K5	110						550144
	(UP)	08/99 - 10/01	--	121	550357		550397			550144
2.7 V6	III (VQ)	06/06 -	G6EA	139		550519				
						550521				
2.9 TD	(UP)	08/99 - 10/01	J3	93		550404				

CEE'D 12/06 -

1.4	Estate (ED)	09/07 -	G4FA	80	550575	550520				
	Hatchback (ED)	12/06 -	G4FA	80	550575	550520				
1.6	Estate (ED)	09/07 -	G4FC	90	550575	550520				
	Hatchback (ED)	12/06 -	G4FC	90	550575	550520				
	Hatchback (ED)	02/08 -	G4FC	93	550575					
1.6 CRDi 115	Estate (ED)	09/07 -	D4FB	85		550573				
	Hatchback (ED)	12/06 -	D4FB	85		550573				
1.6 CRDi 128	Estate (ED)	10/10 -	D4FB	94		550573				
	Hatchback (ED)	10/10 -	D4FB	94		550573				
1.6 CRDi 90	Estate (ED)	09/07 -	D4FB-L	66		550573				
	Hatchback (ED)	12/06 -	D4FB-L	66		550573				

CERATO 03/04 -

1.5 CRDi	(LD)	07/05 -	D4FA	75		550573				
	Saloon (LD)	07/05 -	D4FA	75		550573				
1.6	(LD)	07/04 -	G4ED	77			550396			
	Saloon (LD)	04/04 -	G4ED	77			550396			
	(LD)	05/06 -	G4FC	90	550575	550520				
	Saloon (LD)	05/06 -	G4FC	90	550575	550520				
1.6 CRDi	(LD)	06/05 -	D4FB	85		550573				
	Saloon (LD)	06/05 -	D4FB	85		550573				
2.0	(LD)	04/04 -	G4GC	105	550355		550468			
	Saloon (LD)	04/04 -	G4GC	105	550355		550468			
2.0 CRDi	(LD)	04/04 -	D4EA	83		550531				
	Saloon (LD)	04/04 -	D4EA	83		550531				

CLARUS 07/96 -

1.8 i 16V	(K9A)	07/96 -	T8	85	550083					550144
	Estate (GC)	05/98 -	T8	85						550144
2.0 i 16V	(K9A)	07/96 -	FE (16 V)	98						550144
	Estate (GC)	05/98 -	FE (16 V)	98						550144

MAGENTIS 05/01 -

2.0	(GD)	05/01 -	G4JP	100	550356	550329				
2.5 V6	(GD)	05/01 -	G6BV	124		550521	550544			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

Vehicle		Date		Engine	kW	CKP	CMP	KNS	MAP	TPS	OTHERS
OPIRUS 09/03 -											
3.5	(GH)	09/03 -	G6CU	149		550519					
3.8 V6	(GH)	10/06 -	G6DA	196		550521					
PICANTO 04/04 -											
1.0	(BA)	09/05 -	G4HE	45		550329					
1.1	(BA)	04/04 -	G4HG	48		550329 550530					
1.1 CRDi	(BA)	11/05 -	D3FA	55		550573					
PRIDE 01/90 -											
1.3	Estate	08/99 -	--	47						550144	
1.3 16V	(DA)	01/90 -	B3	44					550140	550144	
	(DA)	10/96 -	B3	47					550140	550144	
	(DA)	01/90 -	B3	53					550140	550144	
PRO CEE'D 02/08 -											
1.4	(ED)	02/08 -	G4FA	80		550575					
1.6	(ED)	02/08 -	G4FC	90		550575					
	(ED)	02/08 -	G4FC	93		550575					
RETONA 06/99 -											
2.0 16V	(CE)	05/00 -	FE (16 V)	94					550285	550144	
RIO 08/00 -											
1.3	(DC_)	09/00 - 02/05	--	55		550357	550404	550397	550395	550144	
	Estate (DC)	08/00 - 02/05	--	55		550357				550144	
	(DC_)	08/02 - 02/05	--	60						550144	
	Estate (DC)	08/00 - 02/05	--	60		550357				550144	
1.4 16V	II (JB)	03/05 -	G4EE	71		550523					
1.5 16V	Estate (DC)	09/02 - 02/05	--	71						550144	
	(DC_)	09/00 - 02/05	--	72		550357	550404	550397	550395	550144	
	Estate (DC)	08/00 - 02/05	--	72		550357				550144	
1.5 CRDi	II (JB)	03/05 -	D4FA	81		550573					
	II Saloon (JB)	03/05 -	D4FA	81		550573					
1.6 CVVT	II (JB)	03/05 -	G4ED	82		550523					
SEPHIA 09/93 - 10/97											
1.5 i	(FA)	02/96 -	B5	59						550144	
	Saloon (FA)	02/96 - 10/97	B5	59						550144	
1.6 i	(FA)	01/95 -	B6	59		550233					
	Saloon (FA)	09/93 -	B6	59		550233					
1.8 i 16V	(FA)	01/95 -	OK24N	82					550562	550144	
	Saloon (FA)	01/95 -	OK24N	82					550562	550144	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

SHUMA 03/96 - 08/04

1.5	Saloon (FB)	03/96 - 12/98	OK280	59						550144
1.5 i 16V	(FB)	10/97 - 03/01	--	65						550144
	Saloon (FB)	10/97 - 10/01	--	65						550144
1.6	II (FB)	05/01 - 08/04	GA6D	75	550233	550404	550397	550395	550144	
	II Saloon (FB)	05/01 - 05/04	GA6D	75	550233		550397	550395	550144	
1.8	II (FB)	04/03 - 08/04	T8	84			550284		550144	
							550562			
1.8 i 16V	(FB)	10/97 - 03/01	T8	81			550562		550144	

SORENTO 08/02 -

2.4	(JC)	08/02 -	G4JS	102		550329				
2.4 CVVT	(XM)	11/09 -	G4KE	128		550519				
2.4 CVVT 4WD	(XM)	11/09 -	G4KE	128		550519				
2.5 CRDi	(JC)	08/02 -	D4CB	103	550258					
	(JC)	05/06 -	D4CB	120		550532				

SOUL 02/09 -

1.6 CVVT	(AM)	02/09 -	G4FC	93	550575					
----------	------	---------	------	----	--------	--	--	--	--	--

SPORTAGE 04/94 -

2.0	(K00)	10/00 - 08/03	--	87		550358	550285		550144	
2.0 16V 4WD	(JE_)	09/04 -	G4GC	104	550355		550468			
2.0 4WD	(K00)	10/00 - 08/03	--	87		550358	550285		550144	
2.0 CRDi	(JE_)	02/05 -	D4EA	83		550531				
	(JE_)	01/06 -	D4EA	100		550531				
	(JE_)	01/06 -	D4EA-V	103		550531				
	(JE_)	09/08 -	D4EA	110		550531				
2.0 i 16V	(K00)	10/99 - 08/03	FE (16 V)	94	550460	550358	550285		550144	
	(JE_)	09/04 -	G4GC	104	550355		550468			
2.0 i 16V 4WD	(K00)	04/94 - 08/03	FE (16 V)	94	550460				550144	
2.0 i 4WD	(K00)	04/94 - 08/99	FE	70	550460					
2.0 TD 4WD	(K00)	10/97 - 08/03	RF	61	550083	550358				
2.2 D 4x4	(K00)	08/94 - 04/99	--	52					550144	
2.7 V6 4WD	(JE_)	09/04 -	G6BA	129			550544			

VENGA 02/10 -

1.4 CVVT	(YN)	02/10 -	--	66	550575					
1.6 CVVT	(YN)	02/10 -	G4FC	92	550575					

LADA**KALINA 10/04 -**

1.4 16V	Estate (1117)	11/08 -	VAZ-11194	66	550486					
	Hatchback (1119)	11/08 -	VAZ-11194	66	550486					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	Saloon (1118)	11/08 -	VAZ-11194	66	550486					
1.4 16V LPG	Estate (1117)	11/08 -	--	65	550486					
	Hatchback (1119)	11/08 -	--	65	550486					
	Saloon (1118)	11/08 -	--	65	550486					
1.6	Estate (1117)	10/04 -	VAZ-21114	60	550486					
	Hatchback (1119)	10/04 -	VAZ-21114	60	550486					
	Saloon (1118)	10/04 -	VAZ-21114	60	550486					
1.6 16V	Hatchback (1119)	10/04 -	--	66	550486					
	Saloon (1118)	10/04 -	--	66	550486					

LANCIA

DEDRA

01/89 - 07/99

1.6 16V	(835)	01/96 - 07/99	182 A4.000	76	550067			550125 550140		
	SW (835)	01/96 - 07/99	182 A4.000	76	550067			550125 550140		
1.6 i.e.	(835)	04/93 - 07/99	835 C1.000	55	550056 550099 550195					
	(835)	08/89 - 03/93	835 A1.046	57	550056 550099					
	(835)	08/89 - 06/94	835 A1.000	66	550056 550099					
1.8 16V LE	(835)	03/96 - 07/99	182 A2.000	83	550242					
	SW (835)	03/96 - 07/99	182 A2.000	83	550242					
1.8 GT 16V	(835)	03/96 - 07/99	183 A1.000	96	550242					
	SW (835)	03/96 - 07/99	183 A1.000	96	550242					
1.8 i.e.	(835)	08/93 - 07/99	835 C5.000	66	550090 550099				550150	550553
	(835)	07/94 - 07/99	836 A5.000	74	550092			550080	550150	550553
	SW (835)	07/94 - 07/99	836 A5.000	74	550092			550080		550553
	(835)	09/89 - 07/99	835 A2.046	77	550090 550099			550080	550150	550553
	(835)	09/89 - 06/94	835 A2.000	80	550090 550099					550553
2.0 16V	(835)	07/94 - 07/99	836 A3.000	102	550090			550080		550553
2.0 16V	SW (835)	07/94 - 07/99	836 A3.000	102	550090			550080		550553
2.0 HF Integrale	(835)	11/90 - 07/94	835 A7.046	124	550090					550553
2.0 i.e.	(835)	09/89 - 07/99	835 A5.046	83	550090 550099			550080		550553
	(835)	09/89 - 07/92	835 A5.000	86	550090 550099					550553
2.0 i.e. Turbo	(835)	04/91 - 07/99	835 A8.046	119	550090					550553
2.0 i.e. Turbo Integrale	(835)	05/90 - 07/94	835 A7.000	121	550090					550553
2.0 Integrale	SW (835)	07/94 - 07/99	836 A3.000	102	550090			550080		550553
2.0 Turbo	(835)	11/90 - 06/94	835 A8.000	130	550090					550553

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

DELTA

09/79 -

1.4	III (844)	09/08 -	198 A4.000	88	550306	550245	550305			
	III (844)	09/08 -	198 A1.000	110	550306	550245	550305			
					550056					
1.4 i.e.	II (836)	10/94 - 08/99	160 A1.046, 836 A4.000	51	550195					
					550196					
1.5	I (831AB0)	09/79 - 12/92	831 A1.000, 831 B1.000	63	550071					
1.6 GT	I (831AB0)	11/82 - 04/86	831 A4.000	77	550071					
					550089					
1.6 GT i.e.	I (831AB0)	05/87 - 08/92	149 C2.000	66				550140		550553
	I (831AB0)	08/86 - 08/88	831 B7.000	80	550071			550080		550553
1.6 HF Turbo	I (831AB0)	04/87 - 03/89	831 B7.046	97				550140		550553
	I (831AB0)	08/86 - 08/88	831 B3.000	103	550071			550140		550553
1.6 i.e.	II (836)	06/93 - 08/99	835 C1.000	55	550195					
					550196					
	II (836)	03/96 - 08/99	182 A6.000	66	550067	550094		550080		550553
1.6 i.e. 16V	II (836)	01/96 - 08/99	182 A4.000	76	550067			550080	550150	550553
								550125		
1.8	II (836)	02/96 - 09/99	--	66						550553
1.8 i.e.	II (836)	07/94 - 08/99	835 C4.000, 836 A6.000, 836 C4.000	66	550092			550080	550150	550553
	II (836)	06/93 - 08/99	835 C2.000	76	550092			550080	550150	550553
1.8 i.e. 16V	II (836)	03/96 - 08/99	182 A2.000	83	550242					
					550240					
1.8 i.e. 16V GT	II (836)	03/96 - 08/99	183 A1.000	96	550242					
2.0 16V	II (836)	06/93 - 08/99	836 A3.000	102	550090			550080		550553
2.0 16V HF Evo Integrale	I (831AB0)	06/93 - 01/94	831 E5.000, 831 E5.046	155	550071		550230			550553
2.0 16V HF Integrale	I (831AB0)	03/89 - 09/91	831 D5.000	144	550071					550553
2.0 16V Turbo	II (836)	06/93 - 08/99	836 A2.000	137	550090			550147		550553
	II (836)	07/96 - 08/99	175 A4.000	142	550090					550553
2.0 HF Integrale	I (831AB0)	11/86 - 08/88	831 B5.000	122	550071					550553
	I (831AB0)	12/86 - 12/92	831 C5.046	130	550071					550553
	I (831AB0)	10/87 - 02/89	831 C5.000	133	550071					550553

KAPPA

08/94 - 10/01

2.0 16V Turbo	(838A)	02/95 - 10/01	838 A4.000	151						550144
	Coupe (838)	11/96 - 03/01	838 A4.000	151	550167		550230			550144
	SW (838B)	07/96 - 10/01	838 A4.000	151						550144
2.0 20V	(838A)	10/94 - 10/01	838 A1.000	107		550113	550230			550144
						550172				
	(838A)	07/96 - 10/01	838 A6.000	114		550113	550230			550144
						550172				
	Coupe (838)	07/96 - 03/01	838 A6.000	114		550113	550230			550144
						550172	550286			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	SW (838B)	07/96 - 10/01	838 A6.000	114	550062	550113 550172 550191	550230 550597		550144	
2.0 20V Turbo	(838A)	06/98 - 10/01	175 A3.000	162		550113 550172	550230 550286		550144	
	Coupe (838)	06/98 - 03/01	175 A3.000	162			550230 550286		550144	
	SW (838B)	06/98 - 10/01	175 A3.000	162		550113 550172	550230 550286		550144	
2.4 20V	(838A)	08/94 - 10/01	838 A2.000, 838 A2.027	129		550113 550172			550144	
	Coupe (838)	11/96 - 03/01	838 A2.000	129		550113 550172	550230		550144	
	SW (838B)	07/96 - 10/01	838 A2.000	129	550062	550113 550172 550191	550230 550597		550144	
2.4 JTD	(838A)	06/98 - 10/01	838 A8.000	100	550426	550057		550360		
	SW (838B)	06/98 - 10/01	838 A8.000	100	550426	550057		550360		
2.4 T.DS	(838A)	08/94 - 10/01	838 A3.000, 838 A7.000	91		550172				
	SW (838B)	07/96 - 10/01	838 A3.000, 838 A7.000	91		550172				
3.0 24V	(838A)	08/94 - 10/01	838 B.000	150					550144	
	Coupe (838)	11/96 - 03/01	838 B.000	150					550144	
	SW (838B)	07/96 - 10/01	838 B.000	150					550144	

LYBRA

07/99 -

1.6 16V	(839AX)	07/99 -	182 A4.000, 182 B6.000	76	550067 550259	550094		550125		
	SW (839BX)	07/99 -	182 A4.000, 182 B6.000	76	550259	550094		550125		
1.8 16V	(839AX)	07/99 -	839 A4.000, 839 A7.000, 839 A9.000	96	550240 550259					
	SW (839BX)	07/99 -	839 A4.000, 839 A7.000	96	550240 550259					
1.9 JTD	(839AX)	07/99 - 09/00	AR 32302	77	550426	550057		550360		
	SW (839BX)	07/99 - 09/00	AR 32302	77	550426	550057		550360		
	(839AX)	09/00 - 05/01	AR 37101	81	550055	550057		550360		
	SW (839BX)	09/00 - 05/01	AR 37101	81	550055	550057		550360		
1.9 JTD	(839AX)	05/01 -	937 A2.000	85	550055 550268	550057		550360		
	SW (839BX)	05/01 -	937 A2.000	85	550055 550268	550057		550360		
2.0 20V	(839AX)	09/00 -	185 A8.000	110	550062 550259	550191	550597			
	SW (839BX)	09/00 -	185 A8.000	110	550062 550259	550191	550597			
	(839AX)	07/99 - 09/00	182 B7.000	113	550062	550191	550597			
	SW (839BX)	07/99 - 09/00	182 B7.000	113	550062	550191	550597			
2.4 JTD	(839AX)	07/99 - 02/01	839 A5.000, AR 32501	99	550426	550057		550360		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	SW (839BX)	10/99 - 09/00	839 A5.000, AR 32501	99	550426	550057		550360		
	(839AX)	09/00 - 05/02	839 A6.000	103	550055	550057		550360		
	SW (839BX)	09/00 -	839 A6.000	103	550055	550057		550360		
	(839AX)	05/02 -	841 C.000	110	550055 550268	550057		550360		
	SW (839BX)	05/02 -	841 C.000	110	550055 550268	550057		550360		

MUSA 10/04 -

1.3 D Multijet	(350)	10/04 -	188 A9.000	51	550003	550002		550097		
	(350)	09/06 -	199 A3.000	66	550003					
1.4	(350)	09/05 -	350 A1.000	57	550370			550098		
	(350)	10/04 -	843 A 1.000	70	550306		550305	550098		
1.9 D Multijet	(350)	10/04 -	188 B2.000	74	550268	550057		550244		

PHEDRA 09/02 -

2.0	(179)	09/02 -	RFN(EW10J4)	100	550013 550018					550386
2.0 D Multijet	(179)	07/06 -	RHR	100				550569		550383
2.0 JTD	(179)	07/03 -	RHM	79	550013					
	(179)	09/02 -	RHW(DW10ATED4)	80	550013	550117 550432				
	(179)	06/06 -	RHK	88				550569		550383
2.2 D Multijet	(179)	03/08 -	4HS	125				550462		
2.2 JTD	(179)	09/02 -	4HW(DW12ATED4)	94	550013					550383
3.0 V6	(179)	09/02 -	ES9 J4S	150	550018		550425			550386

PRISMA 01/83 - 02/92

1.5	(831AB0)	08/86 - 02/92	831 B1.000	59	550071					
1.6	(831AB0)	01/83 - 04/86	831 A4.000	77	550071 550089					
1.6 i.e.	(831AB0)	05/86 - 12/89	831 B7.000	80	550071			550080		
2.0 i.e. 4WD	(831AB0)	04/86 - 12/89	831 B4.000	85	550071			550080		

THEMA 11/84 - 07/94

2000 16V	(834)	08/92 - 12/93	834 F1.000	112	550167					550144
2000 16V	SW (834)	05/92 - 07/94	834 F1.000	112	550167					550144
2000 16V Turbo	(834)	12/88 - 06/90	834 C1.000	133	550071 550091					
	(834)	10/92 - 07/94	834 F2.000	148	550167					550144
2000 i.e.	(834)	03/86 - 09/88	834 B.048	83	550071 550089					
	(834)	09/87 - 05/92	834 B.146	85	550071 550089					
	(834)	11/84 - 09/88	834 B.000	88	550071			550080		
2000 i.e. 16V	(834)	02/89 - 05/92	834 B2.246	104	550071 550091					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	SW (834)	02/89 - 05/92	834 B2.246	104	550071 550091					
	(834)	05/88 - 08/92	834 B2.000	108	550091					
	SW (834)	05/89 - 08/92	834 B2.000	108	550091					
2000 i.e. 16V Turbo	(834)	04/89 - 05/92	834 C1.246	130	550071 550089 550091					
	SW (834)	04/89 - 03/93	834 C1.246	130	550091					
	SW (834)	12/88 - 06/90	834 C1.000	133	550091					
2000 i.e. Turbo	(834)	11/84 - 12/87	834 C.000	122	550071 550089					
2000 Turbo 16V	SW (834)	11/92 - 07/94	834 F2.000	148	550167				550144	
2850 V6 i.e.	(834)	06/88 - 05/92	834 E.146	108			550286			
3000 V6	(834)	08/92 - 07/94	834 F.000	126			550230		550144	
	SW (834)	09/92 - 07/94	834 F.000	126			550230		550144	

THEISIS

07/02 -

2.0 Turbo	(841AX)	07/02 -	841 E.000	136	550062	550191	550305	550303 550364		
2.4	(841AX)	07/02 -	841 D.000	125	550062	550191	550597			
2.4 D Multijet	(841AX)	04/06 -	841 P.000	136				550244		
2.4 JTD	(841AX)	07/02 -	841 C.000	110	550055 550268	550057		550097		
	(841AX)	05/03 -	841 G.000	129	550000	550001				

Y

11/95 - 09/03

1.1	(840A)	11/95 - 09/03	176 B2.000	40	550064			550080	550149	
1.2	(840A)	03/96 - 09/03	188 A4.000, 840 A3.000	44	550064 550096	550134		550080 550125	550149	
1.2 16V	(840A)	10/00 - 09/03	188 A5.000	59	550190		550305			
	(840A)	04/97 - 09/03	176 B9.000	63	550064			550125	550149	
1.4 12V	(840A)	03/96 - 09/03	840 A4.000	55		550134	550286			
	(840A)	10/96 - 09/03	840 A2.000	59		550134	550286			

Y10

03/85 - 12/95

1.0 Turbo	(156)	03/85 - 02/89	156 A 1.000	62	550071 550089					
-----------	-------	---------------	-------------	----	------------------	--	--	--	--	--

YPSILON

10/03 -

1.2	(843)	10/03 -	188 A4.000	44	550370	550128 550245		550098		
	(843)	10/03 -	188 A5.000	59	550306		550305			
1.3 D Multijet	(843)	09/06 -	199 A2.000	55	550003					
	(843)	09/06 -	199 A3.000	66	550003			550271		
1.3 JTD	(843)	10/03 -	188 A9.000	51	550003	550002				
1.4	(843)	02/06 -	350 A1.000	57	550370	550245		550098		
1.4 16V	(843)	10/03 -	843 A 1.000	70	550306		550305			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

ZETA 05/95 - 09/02

2.0 16V	(220)	05/98 - 07/00	RFV	97	550004 550006	550116	550425	550131	550144 550267	550047
	(220)	07/00 - 09/02	RFN	100	550011 550013					550047 550386
2.0 JTD	(220)	09/99 - 09/02	RHW	80	550013	550117 550432				550047
2.0 Turbo	(220)	05/95 - 09/02	RGX	108	550004 550006		550286 550425		550144 550511	550047
2.1 TD	(220)	05/96 - 09/99	P 8 C	80	550004 550006					

LAND ROVER

DISCOVERY 10/89 - 10/98

2.5 D 4x4	I (LJ, LG)	07/94 - 10/98	19 L	90						550587
-----------	------------	---------------	------	----	--	--	--	--	--	--------

FREELANDER 02/98 -

1.8 16V	(LN)	11/00 -	18 K4F	86		550572				
1.8 i 16V	(LN)	02/98 - 11/00	--	88		550572				
	Soft Top	02/98 -	18 K4F	88		550572				
2.0 DI	(LN)	02/98 - 11/00	--	72	550231					550587
	Soft Top	02/98 -	--	72	550231					550587
2.5 V6	(LN)	11/00 -	25 K4F	130		550572				

RANGE ROVER 07/70 -

2.5 TDi 4x4	I (AE, AN, HAA, HAB, HAM, HBM, RE, RN)	09/91 - 04/94	14 L	83						550587
3.6 TD 8	III (LM)	04/06 -	368DT	200		550292				

RANGE ROVER SPORT 02/05 -

	(LS)	04/06 -	368DT	200		550292				
--	------	---------	-------	-----	--	--------	--	--	--	--

LEXUS

ES 12/89 - 10/06

3.0	(MCV_, VZV_)	10/96 - 07/01	1MZ-FE	140						550443
300	(F1, F2)	09/91 - 12/97	3VZ-FE	138						550443

IS 10/05 -

250	II (_XE2_, GSE2_, _SE2_, ALE2_, USE2_)	10/05 -	4GR-FSE	153					550567 550589	
IS F	II (_XE2_, GSE2_, _SE2_, ALE2_, USE2_)	11/07 -	2UR-GSE	311					550567 550589	

IS C 04/09 -

250	(GSE2_)	04/09 -	4GR-FSE	153					550567 550589	
-----	---------	---------	---------	-----	--	--	--	--	------------------	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

LAND ROVER



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

RX		08/97 -								
3.3	(MCU_, MHU3_, GSU3_, MCU3_)	04/03 -	3MZ-FE	171			550567 550589			
3.3 FWD	(MCU_, MHU3_, GSU3_, MCU3_)	04/03 - 01/06	3MZ-FE	171			550567 550589			
300	(MCU_, MHU3_, GSU3_, MCU3_)	05/03 -	1MZ-FE	150		550610			550443	
300 V6	(MCU15, XU1)	10/00 - 05/03	1MZ-FE	148		550610			550443	
350	(MCU_, MHU3_, GSU3_, MCU3_)	02/06 -	2GR-FE	203			550567 550589			
350 AWD	(GYL1_, AGL1_, GGL1_, GGL15, AGL10, GYL1_)	04/09 -	2GR-FE	204			550567 550589			
400h 4WD	(MCU_, MHU3_, GSU3_, MCU3_)	09/04 -	3MZ-FE	155			550567 550589			
400h FWD	(MCU_, MHU3_, GSU3_, MCU3_)	09/05 -	3MZ-FE	155			550567 550589			
450h	(GYL1_, AGL1_, GGL1_, GGL15, AGL10, GYL1_)	04/09 -	2GR-FXE	183			550567 550589			
450h AWD	(GYL1_, AGL1_, GGL1_, GGL15, AGL10, GYL1_)	04/09 -	2GR-FXE	183			550567 550589			

MAN

TGA		03/00 -								
18.310, 18.320 FAC, FHLC		05/04 -	D 2066 LF 04, D 2066 LF 14	228			550327			
18.310, 18.320 FAK, FAK-L, FALK, FALK-L, FHLK, FHLK/M		05/04 -	D 2066 LF 04, D 2066 LF 14	228			550327			
18.310, 18.320 FAS, FALS, FHLS, FHLS/M		05/04 -	D 2066 LF 04, D 2066 LF 14	228			550327			
18.310, 18.320 FC, FLC, FLLC, FLLC/N, FLLW, FLLW/N		05/04 -	D 2066 LF 04, D 2066 LF 14	228			550327			
18.310, 18.320 FK, FK-L, FLK, FLK/M		05/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228			550327			
18.310, 18.320 FLS, FLRS, FLLS, FLLRS		05/04 -	D 2066 LF 04, D 2066 LF 14	228			550327			
18.350 FLS, FLS/N, FLS/M, FLS-TS, FLLS, FLLS/N, FLLRS		05/04 -	D 2066 LF 03	257			550327			
18.350, 18.360 FAC, FHLC		05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257			550327			
18.350, 18.360 FAK, FAK-L, FALK, FALK-L, FHLK, FHLK/M		05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257			550327			
18.350, 18.360 FAS, FALS, FHLS, FHLS/M		05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257			550327			
18.350, 18.360 FC, FLC, FLLC, FLLRC, FLLC/N, FLLW, FLLW/N		05/04 -	D 2066 LF 03, D 2066 LF 13	257			550327			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

MAN



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MAN

18.350, 18.360 FK, FK-L, FLK, FLK/M,	05/04 -	D 2066 LF 03, D 2066 LF 13	257	550327					
18.390 FLS, FLS-TS, FLS/M, FLLS, FLLS/N, FLLS/M, FLLRS	05/04 -	D 2066 LF 02	287	550327					
18.390, 18.400 FAC, FHLC	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
18.390, 18.400 FAK, FAK-L, FALK, FALK-L, FHLK, FHLK/M	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
18.390, 18.400 FAS, FALS, FHLS, FHLS/M	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
18.390, 18.400 FC, FLC, FLLC, FLLC/N, FLLW, FLLW/N	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 26	287	550327					
18.390, 18.400 FK, FK-L, FLK, FLK/M	05/04 -	D 2066 LF 02, D 2066 LF 12	287	550327					
18.430 FLS, FLS/M, FLS-TS, FLLS, FLLS/N, FLLRS, FLRS	05/04 -	D 2066 LF 01	316	550327					
18.430, 18.440 FAC, FHLC	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
18.430, 18.440 FAK, FALK, FALK-L, FHLK, FHLK/M	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
18.430, 18.440 FAS, FALS, FHLS, FHLS/M	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
18.430, 18.440 FC, FLC, FLLC, FLLW, FLLW/N, FLLRC, FLLRW	05/04 -	D 2066 LF 01, D 2066 LF 11	316	550327					
18.430, 18.440 FK, FK-L, FLK, FLK/M	05/04 -	D 2066 LF 01, D 2066 LF 11	316	550327					
18.480 FC, FLC, FLLC, FLLRC, FLLW, FLRC	01/06 -	D 2676 LF 01	353	550327					
18.480 FHLC	04/06 -	D 2676 LF 01	353	550327					
18.480 FHLK, FHLK/M	04/06 -	D 2676 LF 01	353	550327					
18.480 FHLS, FHLS/M	04/06 -	D 2676 LF 01	353	550327					
18.480 FK, FK-L, FLK	01/06 -	D 2676 LF 01	353	550327					
24.350, 24.360 FNLLC, FNLLW/N, FNLLRW	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 27	257	550327					
24.350, 2 4.360 FPLS, FPLRS	02/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
24.390, 24.400 FNLLC/N, FNLLW/N, FNLLRC, FNLLRW	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 26	287	550327					
24.390, 24.400 FPLS, FPLRS	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

24.430, 24.440 FNLLC/N, FNLRC, FNLLW	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 23, D 2066 LF 25	316	550327					
24.430, 24.440 FPLS, FPLRS	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
24.480 FNLLC/N, FNLLW/N	01/06 -	D 2676 LF 01, D 2676 LF 05	353	550327					
24.480 FPLS, FPLRS	01/06 -	D 2676 LF 01	353	550327					
24.540 FNLLC/N, FLLCW/N	01/06 -	D 2676 LF 11	397	550327					
26.310, 26.320 FDC, FDRC, FDC/M, FDRC/M, FDLC, FNHLC, FVHLC	05/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228	550327					
26.310, 26.320 FDH, FDHC, FDHC/M	06/05 -	D 2066 LF 04, D 2066 LF 35	228	550327					
26.310, 26.320 FDH-TM	06/05 -	D 2066 LF 04, D 2066 LF 35	228	550327					
26.310, 26.320 FDHK	06/05 -	D 2066 LF 04, D 2066 LF 35	228	550327					
26.310, 26.320 FDHS, FDHS/M	06/05 -	D 2066 LF 04, D 2066 LF 35	228	550327					
26.310, 26.320 FDK, FDLK	05/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228	550327					
26.310, 26.320 FDS, FDS/M, FDLS, FDRS, FDRS/M, FNHLS, FDLRS	05/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228	550327					
26.310, 26.320 FNLC, FNLLC, FNLRC, FNLLRC, FNLLW	05/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 28	228	550327					
26.310, 26.320 FNLS, FNLS, FNLRS, FNLLRS	05/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228	550327					
26.310, 26.320 FVHL-KO	06/05 -	D 2066 LF 04, D 2066 LF 35	228	550327					
26.310, 26.320 FVL-KO	02/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228	550327					
26.310, 26.320 FVLC	02/04 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 35	228	550327					
26.350 FDHC, FDHC/M	04/05 -	D 2066 LF 03	257	550327					
26.350, 26.360 FD-TM	02/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FDC, FDRC, FDC/M, FDRC/M, FDLC, FDLRC, FNHLC	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FDH- TM	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33, D 2066 LF 38	257	550327					
26.350, 26.360 FDHK, FDHLK	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FDHS, FDHS/M, FDHLS	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MAN

26.350, 26.360 FDK, FDLK, FDRK	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FDS, FDS/M, FDLS, FDRS, FNHLS, FPHLS	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FNLC, FNLLC, FNLLW, FNLRC, FNLLRC	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 27	257	550327					
26.350, 26.360 FNLS, FNLLS, FNLRS, FNLLRS, FPLS, FPLRS	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FVHL-KO	06/05 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.350, 26.360 FVL-KO	01/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
26.390, 26.400 FDC, FDRC, FDLRC, FDRC/M, FDLC, FNHLC, FVHLC	05/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
26.390, 26.400 FDHC, FDHC/M, FDHLC	06/05 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
26.390, 26.400 FDHK, FDHLK	06/05 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
26.390, 26.400 FDHS, FDHS/M, FDHLS	06/05 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
26.390, 26.400 FDK, FDLK	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
26.390, 26.400 FDS, FDS/M, FDLS, FDLRS, FNHLS, FPHLS, FVHLS	05/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
26.390, 26.400 FNLC, FNLLC, FNLLW, FNLRC, FNLLRC	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 24, D 2066 LF 26	287	550327					
26.390, 26.400 FNLS, FNLLS, FNLRS, FNLLRS, FPLS, FPLRS	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
26.390, 26.400 FVHL-KO	06/05 -	D 2066 LF 02, D 2066 LF 12	287	550327					
26.390, 26.400 FVL-KO	02/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
26.430, 26.440 FD-TM	05/04 -	D 2066 LF 31	316	550327					
26.430, 26.440 FDC, FDRC, FDLC, FDLRC, FDLC/M, FNHLC, FVHLC	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.430, 26.440 FDH-TM	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

26.430, 26.440 FDHC, FDHC/M, FDHLC	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.430, 26.440 FDHK, FDHLK	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.430, 26.440 FDHS, FDHS/M, FDHLS	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.430, 26.440 FDK, FDLK	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.430, 26.440 FDS, FDLS, FDRS, FDLRS, FNHLS, FPHLS, FVHLS	02/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 23	316	550327					
26.430, 26.440 FVLH-KO	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.430, 26.440, FNLC, FNLLC, FNLLW, FNLR, FNLLRC, FVLC	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 23, D 2066 LF 25	316	550327					
26.430, 26.440, FNLS, FNLLS, FNLRS, FNLLRS, FPLS, FPLRS	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
26.480 FDC, FDC/M, FDLC, FDLRC, FDRC, FNHLC, FVHLC, FDLRC-WW	02/06 -	D 2676 LF 01	353	550327					
26.480 FDH-TM	02/06 -	D 2676 LF 01	353	550327					
26.480 FDHC, FDHC/M, FDHLC	02/06 -	D 2676 LF 01	353	550327					
26.480 FDHK, FDHLK	02/06 -	D 2676 LF 01	353	550327					
26.480 FDHS, FDHS/M, FDHLS	02/06 -	D 2676 LF 01	353	550327					
26.480 FDK, FDLK	02/06 -	D 2676 LF 01	353	550327					
26.480 FDS, FDLS, FDLRS, FNHLS, FPHLS, FVHLS	02/06 -	D 2676 LF 01	353	550327					
26.480 FNLC, FNLR-WW, FNLLC, FNLLRC, FNLLW, FVLC	02/06 -	D 2676 LF 01, D 2676 LF 02, D 2676 LF 12, D 2676 LF 14	353	550327					
26.480 FNLS, FNLLS, FNLRS, FPLS, FVLS, FVLR	02/06 -	D 2676 LF 01, D 2676 LF 02, D 2676 LF 05, D 2676 LF 12	353	550327					
26.480 FVHL-KO	02/06 -	D 2676 LF 01	353	550327					
28.310, 28.320 FNLC, FNLLC, FNLL-LE, FNLLR-LE	07/06 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 28, D 2066 LF 39	228	550327					
28.310, 28.320 FNLC, FNLLC, FNLLRC, FNLLR-LE	07/06 -	D 2066 LF 04, D 2066 LF 14, D 2066 LF 28, D 2066 LF 39	228	550327					
28.350, 28.360 FNLC, FNLLC, FNLL-LE	07/06 -	D 2066 LF 03, D 2066 LF 13	257	550327					

MAN

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MAN

28.350, 28.360 FNLC, FNLLC, FNLCR, FNLL-LE	06/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 27, D 2066 LF 38	257	550327					
28.360 FANLC	07/06 -	D 2866 LF27	265	550327					
28.360 FANLK	07/06 -	D 2866 LF27	265	550327					
28.390 FNLLC	07/06 -	D 2876 LF 12	353	550327					
28.390, 28.400 FNLC, FNLLC, FNLCR-WW	06/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 26, D 2066 LF 37	287	550327					
28.430, 28.440 FNLC, FNLLC, FNLCR-WW	06/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 25, D 2066 LF 36	316	550327					
32.350, 32.360 FFD-TM, FFDR-TM	02/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
32.350, 32.360 FFDRC	05/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
32.390, 32.400 FFD-TM, FFDR-TM	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
32.390, 32.400 FFDRC	05/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
32.430, 32.440 FFD-TM, FFDR-TM	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
32.430, 32.440 FFDRC	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
32.480 FFD-TM, FFDR-TM	02/06 -	D 2676 LF 01	353	550327					
32.480 FFDRC	02/06 -	D 2676 LF 01	353	550327					
33.350, 33.360 FDAC, FDHC, FDHC/M	06/05 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
33.350, 33.360 FDAK, FDHK	06/05 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
33.350, 33.360 FDAS, FDHS, FDHS/M	06/05 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
33.350, 33.360 FDC, FDC/M, FDLC, FDRC	05/04 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
33.350, 33.360 FDK, FDLK, FDRK	05/04 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
33.350, 33.360 FDS, FDLS, FDS/M, FDRS	05/04 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
33.390, 33.400 FDAC, FDHC, FDHC/M	06/05 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
33.390, 33.400 FDAK, FDHK	06/05 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
33.390, 33.400 FDAS, FDHS, FDHS/M	06/05 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
33.390, 33.400 FDC, FDLC, FDRC, FDC/M	05/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

33.390, 33.400 FDK, FDLK, FDRK	05/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
33.390, 33.400 FDS, FDLS, FDLRS, FDRS, FDS/M	05/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
33.430, 33.440 FDAC, FDALC, FDHC, FDHC/M	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
33.430, 33.440 FDAK, FDALK, FDHK	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
33.430, 3.440 FDAS, FDALS, FDHS	06/05 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
33.430, 33.440 FDC, FDLC, FDRC, FDLRC, FDC/M	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
33.430, 33.440 FDK, FDLK, FDRK	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
33.430, 33.440 FDS, FDLS, FDRS, FDLRS, FDS/M	05/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
33.480 FDAC, FDALC, FDHC, FDHC/M	02/06 -	D 2676 LF 01	353	550327					
33.480 FDAK, FDALK, FDHK	02/06 -	D 2676 LF 01	353	550327					
33.480 FDAS, FDALS, FDHS	02/06 -	D 2676 LF 01	353	550327					
33.480 FDC, FDLC, FDRC, FDC/M	01/06 -	D 2676 LF 01	353	550327					
33.480 FDK, FDLK, FDRK	01/06 -	D 2676 LF 01	353	550327					
33.480 FDS, FDRS, FDLS, FDS/M	01/06 -	D 2676 LF 01	353	550327					
35.350, 35.360 FFD-TM	02/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
35.350, 35.360 FFDK, FFDRK, FFDLK	02/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
35.350, 35.360 FFDK, FFDRK, FFDLK	02/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
35.390, 35.400 FFD-TM	02/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
35.390, 35.400 FFDK, FFDRK, FFDLK	02/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
35.390, 35.400 FFDK, FFDRK, FFDLK	02/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
35.430, 35.440 FFD-TM	02/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
35.430, 35.440 FFDK, FFDRK, FFDLK	02/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
35.430, 35.440 FFDK, FFDRK, FFDLK	02/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					

MAN

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



35.480 FFD-TM		02/04 -	D 2676 LF 01	353	550327					
35.480 FFDC, FFDLC		02/04 -	D 2676 LF 01	353	550327					
35.480 FFDK, FFDLK		02/04 -	D 2676 LF 01	353	550327					
37.350, 37.360 FFD-TM		12/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
37.350, 37.360 FFDC		12/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
37.350, 37.360 FFDK		12/04 -	D 2066 LF 03, D 2066 LF 13, D 2066 LF 33	257	550327					
37.390, 37.400 FFD-TM		12/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
37.390, 37.400 FFDC		12/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
37.390, 37.400 FFDK		12/04 -	D 2066 LF 02, D 2066 LF 12, D 2066 LF 32	287	550327					
37.430, 37.440 FFD-TM		12/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
37.430, 37.440 FFDC		12/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
37.430, 37.440 FFDK		12/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
37.480 FFD-TM		02/06 -	D 2676 LF 01	353	550327					
37.480 FFDC		02/06 -	D 2676 LF 01	353	550327					
37.480 FFDK		02/06 -	D 2676 LF 01	353	550327					
40.390, 40.400 FDAK-WW		06/05 -	D 2066 LF 02	287	550327					
40.390, 40.400 FDAS-WW		06/05 -	D 2066 LF 02	287	550327					
40.390, 40.400 FDK-WW, FDRK		06/05 -	D 2066 LF 02	287	550327					
40.390, 40.400 FDS-WW, FDRS		06/05 -	D 2066 LF 02	287	550327					
40.430 FDK-WW, FDRK		06/05 -	D 2066 LF 01	316	550327					
40.430 FDS-WW, FDRS		06/05 -	D 2066 LF 01	316	550327					
40.430, 40.440 FDAK-WW		06/05 -	D 2066 LF 01	316	550327					
40.430, 40.440 FDAS-WW		06/05 -	D 2066 LF 01	316	550327					
40.480 FDAK-WW		06/05 -	D 2676 LF 02, D 2676 LF 03	353	550327					
40.480 FDAS-WW		06/05 -	D 2676 LF 02, D 2676 LF 03	353	550327					
41.350, 41.360 FFD-TM		12/04 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
41.350, 41.360 FFDC, FFDC/M, FFDRC		12/04 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					
41.350, 41.360 FFDK, FFDRK		12/04 -	D 2066 LF 03, D 2066 LF 07, D 2066 LF 13	257	550327					

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

41.390, 41.400 FFD-TM	12/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
41.390, 41.400 FFDC, FFDC, FFDC/M	12/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
41.390, 41.400 FFDK, FFDRK	12/04 -	D 2066 LF 02, D 2066 LF 06, D 2066 LF 12	287	550327					
41.430, 41.440 FFD-TM	12/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
41.430, 41.440 FFDC, FFDC, FFDC/M	12/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
41.430, 41.440 FFDK, FFDRK	12/04 -	D 2066 LF 01, D 2066 LF 11, D 2066 LF 31	316	550327					
41.480 FFD-TM	02/06 -	D 2676 LF 01, D 2676 LF 03, D 2676 LF 05	353	550327					
41.480 FFDC, FFDC, FFDC/M	02/06 -	D 2676 LF 01, D 2676 LF 05	353	550327					
41.480 FFDK, FFDRK	02/06 -	D 2676 LF 01, D 2676 LF 03, D 2676 LF 05	353	550327					

TGL

04/05 -

10.180 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
10.180 FK, FRK	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
10.210 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 42, D 0834 LFL 52	151	550327					
10.210 FK, FRK	04/05 -	D 0834 LFL 42, D 0834 LFL 52	151	550327					
10.240 FC, FRC, FLC, FLRC	04/05 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
10.240 FK, FRK	04/05 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
12.180 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
12.180 FK, FRK	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
12.210 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 42, D 0834 LFL 52	151	550327					
12.210 FK, FRK	04/05 -	D 0834 LFL 42, D 0834 LFL 52	151	550327					
12.240 FC, FRC, FLC, FLRC	04/05 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
12.240 FK, FRK	04/05 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
7.150, 8.150 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 40, D 0834 LFL 50	110	550327					
7.180 FC, FLC, FRC, FLRC	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
8.150 FK, FRK, FK- L, FRK-L	10/06 -	D 0834 LFL 40, D 0834 LFL 50	110	550327					
8.180 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
8.180 FK, FK-L, FRK, FRK-L	04/05 -	D 0834 LFL 41, D 0834 LFL 51	132	550327					
8.210 FC, FRC, FLC, FLRC	04/05 -	D 0834 LFL 42, D 0834 LFL 52	151	550327					
8.240 FC, FRC, FLC, FLRC	04/05 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

8.240 FK, FK-L, FRK, FRK-L	04/05 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
-------------------------------	---------	---------------------------------	-----	--------	--	--	--	--	--

TGM 10/05 -

12.240 FLC, FLLC	10/05 -	D 0836 LFL 50	176	550327					
12.280 FC, FLC, FLLC	10/05 -	D 0836 LFL 51	206	550327					
13.240 FAL, FALC, FALRC, FAEC, FAERC, FALR	04/06 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
13.240 FALK, FALRK, FALK-L, FALRK-L	04/06 -	D 0836 LFL 40, D 0836 LFL 50	176	550327					
13.280 FAEC, FAERC, FAL, FALC, FALRC	04/06 -	D 0836 LFL 41, D 0836 LFL 51	206	550327					
13.280 FALK, FALRK, FALK-L, FALRK-L	04/06 -	D 0836 LFL 41, D 0836 LFL 51	206	550327					
15.240 FC, FLC, FLLC, FLRC, FLLRC	10/05 -	D 0836 LFL 40	176	550327					
15.280 FC, FLC, FLLC, FLRC, FLLRC	10/05 -	D 0836 LFL 41	206	550327					
18.240 FAC, FARC	10/05 -	D 0836 LFL 40	176	550327					
18.240 FC, FRC, FLC, FLRC, FLLC, FLLRC	10/05 -	D 0836 LFL 40	176	550327					
18.240 FK, FRK, FLK, FK-L, FLRK	10/05 -	D 0836 LFL 40	176	550327					
18.280 FAC, FARC	10/05 -	D 0836 LFL 41, D 0836 LFL 51	206	550327					
18.280 FC, FRC, FLC, FLRC, FLLC, FLLRC	10/05 -	D 0836 LFL 41	206	550327					
18.280 FK, FLK, FRK, FLRK, FK-L	10/05 -	D 0836 LFL 41	206	550327					
18.330 FAC, FARC	10/05 -	D 0836 LFL 44, D 0836 LFL 52	240	550327					
18.330 FC, FRC, FLC, FLRC, FLLC, FLLRC	10/05 -	D 0836 LFL 44	240	550327					
18.330 FK, FLK, FRK, FLRK, FK-L	10/05 -	D 0836 LFL 44	240	550327					
26.280 FD-TM, FDR-TM	04/06 -	D 0836 LFL 51	206	550327					
26.280 FDK-HK, FDRK-HK	04/06 -	D 0836 LFL 51	206	550327					
26.330 FD-TM, FDR-TM	04/06 -	D 0836 LFL 52	240	550327					
26.330 FDK-HK, FDRK-HK	04/06 -	D 0836 LFL 52	240	550327					

TGX 09/07 -

35.360 FDNLC	06/08 -	D 2066 LF 27, D 2066 LF 38, D 2066 LF 42	265	550327					
35.400 FDNLC	06/08 -	D 2066 LF 26, D 2066 LF 37, D 2066 LF 41	294	550327					
35.480 FDNLC	06/08 -	D 2676 LF 05, D 2676 LF 14	353	550327					
41.540 FVDLS, FVDLS	06/08 -	D 2676 LF 06, D 2676 LF 13	397	550327					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

MAN



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

41.680 FVDS, FVDSL		10/07 -	D 2868 LF03, D 2868 LF05	500	550327					
-----------------------	--	---------	-----------------------------	-----	---------------	--	--	--	--	--

MASERATI**228** 08/86 - 12/902.8 i 12/86 - 12/90 -- 184 **550071****420/430** 03/85 - 12/94420 i (69, 78, AF3) 01/87 - 12/88 470.. 138 **550071****BITURBO** 12/81 - 12/942.0 Coupe 07/85 - 04/87 452.. 136 **550071**Spider 07/85 - 04/87 452.. 136 **550071**2.24V (70, 77) 03/89 - 12/94 475 180 **550071**4.24V (70, 77) 04/90 - 12/94 475 180 **550071**Si 2.0 Coupe 09/87 - 12/88 471.. 151 **550071****GHIBLI** 04/92 -2.0 24V Biturbo II 05/92 - -- 225 **550071****QUATTROPORTE** 03/94 -2.0 Biturbo II 03/94 - 24V DOHC 211 **550071** **550147**2.8 Biturbo II 03/94 - -- 209 **550071****SHAMAL** 09/89 - 11/953.2 12/89 - 11/95 -- 240 **550071****MAZDA****121** 03/96 -1.25 III (JASM, JBSM) 03/96 - DHF, DHG 55 **550037** **550038**1.3 III (JASM, JBSM) 03/96 - JJK 37 **550037** **550038**III (JASM, JBSM) 03/96 - J4R 44 **550037** **550038**1.8 D III (JASM, JBSM) 03/96 - RTJ, RTK 44 **550037****2** 04/03 -1.25 (DY) 04/03 - FUJA 55 **550110** **550111** **550296** **550163** **550289**1.4 (DY) 04/03 - FXJA 59 **550111** **550296** **550163** **550289**1.4 CD (DY) 04/03 - F6JA 50 **550014** **550289**1.4 MZR-CD (DE) 01/08 - -- 50 **550014**1.6 (DY) 04/03 - FYJA 74 **550110** **550111** **550296** **550163** **550289****3** 06/00 -1.4 (BK) 10/03 - ZJ-VE 62 **550348** **550340** **550330**1.6 (BK) 10/03 - B6ZE 77 **550348** **550340** **550330**1.6 DI Turbo (BK) 06/04 - Y601 80 **550014** **550569**Saloon (BK) 06/04 - Y601 80 **550014** **550569**

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	(BK)	10/03 -	LF17	110	550040 550348	550295 550340	550330			
	Saloon (BK)	02/04 -	LF17	110	550040	550295				
2.0 MZR-CD	(BK)	12/06 -	RF7J	105	550348	550295 550340				
	Saloon (BK)	12/06 -	RF7J	105	550348	550295 550340				
2.3 MPS	(BK)	12/06 -	L3N9	191	550348	550340				

323 F 07/94 - 05/04

1.4 16V	VI (BJ)	09/98 - 01/01	B3 ME	54	550354					
1.5 16V	V (BA)	07/94 - 09/98	Z5-DE	65	550344					
	VI (BJ)	09/98 - 01/01	--	65	550354					
1.8 16V	V (BA)	08/94 - 09/98	BP-ZE	84	550344					
2.0 24V	V (BA)	08/94 - 09/98	KF	106	550344					

323 P 10/96 - 09/98

1.3 16V	V (BA)	10/96 -	B3 (16V)	54		550331				
1.5 16V	V (BA)	10/96 -	Z5-DE	65		550331				
2.0 D	V (BA)	10/96 -	RF1G	52		550331				

323 S 05/94 - 05/04

1.4	VI (BJ)	01/01 - 05/04	B3 (16V)	53			550330			
1.4 16V	VI (BJ)	09/98 - 01/01	B3 ME	54	550345 550354		550341			
1.5 16V	VI (BJ)	09/98 - 01/01	--	65	550345 550354		550341			
1.6	VI (BJ)	01/01 - 05/04	ZM	70			550330			
	VI (BJ)	01/01 - 05/04	ZM	72			550330			
1.9 16V	VI (BJ)	09/98 - 05/04	--	84	550345		550341			
2.0	VI (BJ)	01/01 - 05/04	FS7E, FS7G	96			550330			
2.0 D	V (BA)	10/96 - 09/98	RF1G	52			550331			
	VI (BJ)	09/98 - 05/04	--	52	550345		550341			
2.0 TD	VI (BJ)	09/98 - 05/04	RF3F	66	550345		550341			

5 02/05 -

1.8	(CR19)	03/05 -	L823	85	550040	550295				
2.0	(CR19)	03/05 -	LFF7	107	550040	550295				

6 06/02 -

1.8	(GG)	08/02 -	L813	88	550040	550295	550330			
	Hatchback (GG)	08/02 -	L813	88	550040	550295	550330			
	Station Wagon (GY)	08/02 -	L813	88	550040		550330			
1.8 MZR	(GH)	08/07 -	L813	88		550295				
	Hatchback (GH)	08/07 -	L813	88		550295				
2.0	(GG)	06/02 -	LF17	104	550040	550295	550330			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	Hatchback (GG)	08/02 -	LF17, LF18	104		550040	550295	550330		
	Station Wagon (GY)	08/02 -	LF17, LF18	104		550040	550295	550330		
	(GG)	03/05 -	LFF7	108			550295			
2.0 DI	(GG)	08/02 -	RF5C	89				550330		
	Hatchback (GG)	08/02 -	RF5C	89				550330		
	Station Wagon (GY)	08/02 -	RF5C	89				550330		
	(GG)	06/02 -	RF5C	100				550330		
	Hatchback (GG)	08/02 -	RF5C	100				550330		
	Station Wagon (GY)	08/02 -	RF5C	100				550330		
2.0 MZR	(GH)	08/07 -	LF17	108			550295			
	Estate (GH)	02/08 -	LF17	108			550295			
	Hatchback (GH)	08/07 -	LF17	108			550295			
2.3	(GG)	06/02 -	L3C1	122		550040	550295	550330		
	Hatchback (GG)	08/02 -	L3C1	122		550040	550295	550330		
	Station Wagon (GY)	08/02 -	L3C1	122		550040	550295	550330		
2.3 AWD	Station Wagon (GY)	11/02 -	L3C1	119			550295	550330		
2.3 MPS Turbo	(GG)	12/05 -	L3KG	191			550295			
2.5 MZR	(GH)	08/07 -	L5-VE	125			550295			
	Hatchback (GH)	08/07 -	L5-VE	125			550295			

626

08/91 - 10/02

1.8	IV Hatchback (GE)	08/94 - 04/97	--	66		550344				
	V (GF)	05/97 - 12/99	FPY3	66		550345		550332		
	V Hatchback (GF)	05/97 - 12/99	--	66		550345		550332		
	V (GF)	12/99 - 10/02	FP9A	74		550345		550332	550330	
	V Hatchback (GF)	12/99 - 10/02	FP	74		550345		550332		
	IV Hatchback (GE)	08/91 - 04/97	FP	77		550344				
1.8 i	IV (GE)	08/94 - 04/97	--	66		550344				
2.0	V (GF)	05/97 - 10/02	FS	85		550345		550332		
	V Hatchback (GF)	05/97 - 10/02	FS	85		550345		550332		
2.0 DITD	V Station Wagon (GW)	09/99 - 10/02	RF3F	66		550345		550332	550330	
2.0 i	IV Hatchback (GE)	08/91 - 04/97	FS	85		550344				
2.5 24V	IV Hatchback (GE)	08/94 - 04/97	KL	120		550344				

BT-50

12/06 -

2.5 MRZ-CD 4x4	(CD)	12/06 -	WLAA	105				550244		
----------------	------	---------	------	-----	--	--	--	--------	--	--

DEMIO

10/96 - 12/02

1.3 16V	(DW)	08/98 -	B3 ME	46		550354		550331		
1.3 i 16V	(DW)	08/98 - 04/00	B3 (16V)	53				550331		
1.5 16V	(DW)	04/00 -	B5 E	55		550354		550331	550330	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

MPV 08/99 -

2.0	II (LW)	09/99 - 08/00	FS-DS	90	550345		550339			
2.0 DI	II (LW)	07/02 -	RF5C	100			550339			
2.3	II (LW)	07/02 -	L3	104		550040	550295			
							550339			
3.0 i V6	II (LW)	03/02 -	AJ	147	550260	550290				

MX-3 07/91 - 10/97

1.6 i	(EC)	07/91 -	B69	65	550344					
1.8 i V6	(EC)	01/92 - 01/94	K819	98	550344					

MX-5 03/05 -

1.8	III (NC)	03/05 -	L828	93			550295			
2.0	III (NC)	03/05 -	LF62	118			550295			

MX-6 07/91 -

	(GE)	02/92 -	FS	85	550344					
2.5 24V	(GE)	02/92 -	KL	121	550344					

PREMACY 07/99 -

1.8	(CP)	07/99 -	FP	74	550345			550330		
1.9	(CP)	07/99 -	FP	84	550345			550330		
2.0	(CP)	11/01 -	FS7E, FS7G	96	550345			550330		
2.0 TD	(CP)	10/99 - 07/00	RF3F	66	550345			550330		

RX 8 10/03 -

2.6 Wankel	(SE17)	10/03 -	13B-MSP	141				550330		
	(SE17)	10/03 -	13B-MSP	170				550330		

TRIBUTE 03/00 -

2.3 AWD	(EP)	04/04 -	L3-VE	110		550040				
3.0 V6 AWD	(EP)	04/04 -	AJ	149	550260	550290				

XEDOS 6 01/92 -

1.6 16V	(CA)	06/94 -	B6 (DOHC)	79	550344					
	(CA)	08/92 - 05/94	B69	83	550344					
2.0 V6	(CA)	06/94 -	KF1	103	550344					
	(CA)	01/92 - 05/94	KF1	106	550344					

XEDOS 9 07/93 -

2.5 V6	(TA)	07/00 -	KL	120				550330		
--------	------	---------	----	-----	--	--	--	--------	--	--

MERCEDES-BENZ

A-CLASS 07/97 -

A 140	(W168)	07/97 - 08/04	M 166.940	60	550226	550509	550045	550143		
					550275					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(W168)	01/01 - 08/04	M 166.960	60		550509	550045	550143		
A 150	(W169)	09/04 -	M 266.920	70	550275		550045			
A 160	(W169)	04/09 -	M 266.920	70			550045			
	(W168)	07/97 - 08/04	M 166.960	75	550226 550275	550509	550045	550143		
A 160 CDI	(W168)	07/98 - 02/01	OM 668.941	44	550275	550509		550142		
	(W168)	02/01 - 08/04	OM 668.940	55	550275	550509		550142		
	(W169)	09/04 -	OM 640.942	60	550275	550509				
A 170	(W169)	09/04 -	M 266.940	85	550275		550045			
A 170 CDI	(W168)	07/98 - 02/01	OM 668.940	66	550275	550509		550142		
	(W168)	02/01 - 08/04	OM 668.942	70	550275	550509		550142		
A 180	(W169)	04/09 -	M 266.940	85			550045			
A 180 CDI	(W169)	09/04 -	OM 640.940	80	550275	550509				
A 190	(W168)	03/99 - 08/04	M 166.990	92	550275	550509	550045	550143		
A 200	(W169)	09/04 -	M 266.960	100	550275		550045			
A 200 CDI	(W169)	09/04 -	OM 640.941	103	550275	550509				
A 200 TURBO	(W169)	09/05 -	M 266.980	142	550275					
A 210	(W168)	03/02 - 08/04	M 166.995	103	550275	550509	550045	550143		

B-CLASS**03/05 -**

B 150	(W245)	03/05 -	M 266.920	70	550275		550045			
B 160	(W245)	04/09 -	M 266.920	70			550045			
B 170	(W245)	03/05 -	M 266.940	85	550275		550045			
B 170 NGT	(W245)	04/08 -	M 266.960	85			550045			
B 180	(W245)	04/09 -	M 266.940	85			550045			
B 180 CDI	(W245)	03/05 -	OM 640.940	80	550275	550509				
B 180 NGT	(W245)	04/08 -	M 266.960	85			550045			
B 200	(W245)	03/05 -	M 266.960	100	550275		550045			
B 200 CDI	(W245)	03/05 -	OM 640.941	103	550275	550509				
B 200 TURBO	(W245)	03/05 -	M 266.980	142	550275					

C-CLASS**03/93 -**

C 160 Kompressor	Coupe (CL203)	05/02 - 06/11	M 271.921	90	550275		550045			
C 180	(W202)	11/94 - 05/00	M 111.921	89	550226 550275	550508	550045			
	(W202)	03/93 - 05/00	M 111.920, M 111.921	90	550226 550275	550508	550045			
C 180	(W203)	10/00 - 05/02	M 111.951	95	550275	550510	550045			
	Coupe (CL203)	03/01 - 05/02	M 111.951	95	550275	550510	550045			
	T-Model (S203)	03/01 - 05/02	M 111.951	95	550275	550510	550045			
C 180 CGI	(W204)	01/07 -	M 271.820	115			550045			
C 180 Kompressor	(W203)	05/02 -	M 271.946	105	550275		550045			
	Coupe (CL203)	05/02 - 06/11	M 271.946	105	550275		550045			

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

	T-Model (S203)	05/02 - 08/07	M 271.946	105	550275		550045			
	C CLASS (W204)	01/07 -	M 271.952	115	550275		550045			
	C CLASS (W204)	01/08 -	M 271.910	115			550045			
	C CLASS T-Model (S204)	08/07 -	M 271.952	115	550275		550045			
	C CLASS T-Model (S204)	01/08 -	M 271.910	115			550045			
C 180 T	Estate (S202)	06/96 - 09/00	M 111.920, M 111.921	90	550226 550275	550508	550045			
	Estate (S202)	09/00 - 03/01	M 111.952	95	550275	550510	550045			
C 200	(W202)	01/94 - 05/00	M 111.941, M 111.945	100	550226 550275	550508	550045			
C 200 CDI	(W202)	03/98 - 05/00	OM 611.960	75	550226	550509				
	(W203)	02/01 -	OM 646.962	75	550275	550509				
	T-Model (S203)	03/01 - 08/07	OM 646.962	75	550275	550509		550142		
	(W203)	09/00 -	OM 611.962	85	550275	550509		550142		
	T-Model (S203)	03/01 - 08/07	OM 611.962	85	550275	550509		550142		
	(W203)	04/03 -	OM 646.962	90	550275	550509		550142		
	Coupe (CL203)	03/03 - 06/11	OM 646.962	90	550275	550509		550142		
	T-Model (S203)	04/03 - 08/07	OM 646.962	90	550275	550509				
	C CLASS (W204)	01/07 -	OM 646.812	100			550045			
	C CLASS T-Model (S204)	08/07 -	OM 646.811	100			550045			
C 200 CGI	C CLASS (W204)	01/07 -	M 271.820	135			550045			
C 200 CGI Kompressor	(W203)	07/03 -	M 271.942	125	550275		550045			
	Coupe (CL203)	03/03 - 06/11	M 271.942	125	550275		550045			
	T-Model (S203)	07/03 - 08/07	M 271.942	125	550275		550045			
C 200 D	(W202)	10/96 - 05/00	OM 604.915	65	550226					
C 200 Kompressor	(W203)	05/00 - 05/02	M 111.955	120	550275	550510	550045			
	(W203)	05/02 -	M 271.940	120	550275		550045			
	Coupe (CL203)	03/01 - 05/02	M 111.955	120	550275	550510	550045			
	Coupe (CL203)	05/02 - 06/11	M 271.940	120	550275		550045			
	T-Model (S203)	03/01 - 05/02	M 111.955	120	550275	550510	550045			
	T-Model (S203)	05/02 - 08/07	M 271.940	120	550275		550045			
	(W202)	10/95 - 05/00	M 111.944	132	550226 550275	550508	550045			
	C CLASS (W204)	01/07 -	M 271.950	135	550275		550045			
	C CLASS T-Model (S204)	08/07 -	M 271.950	135	550275		550045			
	(W202)	11/96 - 05/00	M 111.944	141	550226 550275	550508	550045			
C 200 T	Estate (S202)	06/96 - 03/01	M 111.941, M 111.945	100	550226 550275	550508	550045			
C 200 T CDI	Estate (S202)	03/98 - 03/01	OM 611.960	75	550226	550509				
C 200 T D	Estate (S202)	10/96 - 03/01	OM 604.915	65	550226					
C 200 T Kompressor	Estate (S202)	09/00 - 03/01	M 111.956	120	550275	550510	550045			
	Estate (S202)	11/96 - 03/01	M 111.944	141	550226 550275	550508	550045			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

C 220	(W202)	03/93 - 05/00	M 111.961	110	550256	550369	550045			
C 220 CDI	(W202)	09/97 - 05/00	OM 611.960	92	550226	550509				
	(W203)	05/00 -	OM 611.962	105	550275	550509		550142		
	Coupe (CL203)	03/01 - 06/11	OM 611.962	105	550275	550509		550142		
	T-Model (S203)	03/01 - 08/07	OM 611.962	105	550275	550509		550142		
	(W203)	02/04 -	OM 646.963	110	550275	550509		550142		
	Coupe (CL203)	02/04 - 06/11	OM 646.963	110	550275	550509				
	T-Model (S203)	02/04 - 08/07	OM 646.963	110	550275	550509				
C 220 D	(W202)	07/96 - 05/00	OM 604.910	55	550226					
	(W202)	08/93 - 05/00	OM 604.910	70	550226					
C 220 T CDI	Estate (S202)	09/97 - 03/01	OM 611.960	92	550226	550509				
C 220 T D	Estate (S202)	06/96 - 03/01	OM 604.910	55	550226					
	Estate (S202)	06/96 - 09/98	OM 604.910	70	550226					
C 230	(W202)	06/96 - 06/97	M 111.974	110	550226	550508	550045			
	(W203)	01/05 -	M 272.920	150	550275		550045			
	Coupe (CL203)	01/05 - 06/11	M 272.920	150	550275		550045			
	T-Model (S203)	01/05 - 08/07	M 272.920	150	550275		550045			
	C CLASS (W204)	01/07 -	M 272.921	150			550045			
	C CLASS T-Model (S204)	08/07 -	M 272.921	150			550045			
C 230 4-matic	C CLASS (W204)	07/07 -	M 272.911	150			550045			
C 230 Kompressor	(W203)	02/04 -	M 271.948	141	550275		550045			
	Coupe (CL203)	05/02 - 06/11	M 271.948	141	550275		550045			
	T-Model (S203)	02/04 - 08/07	M 271.948	141	550275		550045			
	(W202)	10/95 - 05/00	M 111.975	142	550226 550275	550508	550045			
	Coupe (CL203)	03/01 - 05/02	M 111.981	145		550510	550045			
C 230 T	Estate (S202)	06/96 - 06/98	M 111.974	110	550226	550508	550045			
C 230 T Kompressor	Estate (S202)	06/97 - 09/00	M 111.975	142	550226 550275	550508	550045			
C 240	(W202)	06/97 - 05/00	M 112.910	125	550166 550275					
	(W203)	05/00 -	M 112.912	125	550275			550143		
	T-Model (S203)	03/01 - 08/07	M 112.912	125	550275			550143		
C 240 4-matic	(W203)	07/02 -	M 112.916	125	550275			550143		
	T-Model (S203)	07/02 - 08/07	M 112.916	125	550275			550143		
C 240 T	Estate (S202)	06/97 - 09/00	M 112.910	125	550166 550275					
C 240 T	Estate (S202)	09/00 - 03/01	M 112.915	125	550275			550143		
C 250 CGI	C CLASS (W204)	07/09 -	M 271.860	150			550045			
	C CLASS T-Model (S204)	07/09 -	M 271.860	150			550045			
C 250 T Turbo-D	Estate (S202)	06/96 - 03/01	OM 605.960	110	550226					
C 250 Turbo-D	(W202)	10/95 - 05/00	OM 605.960	110	550226					
C 270 CDI	(W203)	12/00 -	OM 612.962	125	550275	550509		550142		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

Vehicle	Date	Engine	kW	CKP	CMP	KNS	MAP	TPS	OTHERS
	T-Model (S203)	03/01 - 08/07	OM 612.962	125	550275	550509	550142		
C 280	(W202)	05/93 - 05/00	M 104.941	142	550166 550256	550369 550508	550045		
	(W202)	06/97 - 05/00	M 112.920	145	550166 550275		550143		
	(W203)	01/05 -	M 272.940	170	550275		550045		
	T-Model (S203)	01/05 - 08/07	M 272.940	170	550275		550045		
	C CLASS (W204)	01/07 -	M 272.947	170			550045		
	C CLASS T-Model (S204)	08/07 -	M 272.947	170			550045		
C 280 4-matic	(W203)	01/05 -	M 272.941	170	550275		550045		
	T-Model (S203)	01/05 - 08/07	M 272.941	170	550275		550045		
	C CLASS (W204)	07/07 -	M 272.948	170			550045		
C 280 T	Estate (S202)	06/97 - 03/01	M 112.920	145	550166 550275		550143		
C 30 CDI AMG	(W203)	01/03 -	OM 612.990	170	550275	550509	550142		
	Coupe (CL203)	09/02 - 06/11	OM 612.990	170	550275	550509	550142		
	T-Model (S203)	01/03 - 08/07	OM 612.990	170	550275	550509			
C 300	C CLASS (W204)	07/09 -	M 272.947	170			550045		
C 300 4-matic	C CLASS (W204)	07/07 -	M 272.948	170			550045		
C 32 AMG Kompressor	(W203)	02/01 -	M 112.961	260	550275				
	T-Model (S203)	03/01 - 08/07	M 112.961	260	550275				
C 320	(W203)	05/00 -	M 112.946	160	550275		550143		
	Coupe (CL203)	09/02 - 06/11	M 112.946	160	550275		550143		
	T-Model (S203)	03/01 - 08/07	M 112.946	160	550275		550143		
C 320 4-matic	(W203)	07/02 -	M 112.953	160	550275		550143		
	T-Model (S203)	07/02 - 08/07	M 112.953	160	550275		550143		
C 320 CDI	(W203)	01/05 -	OM 642.910	165	550275	550509			
	T-Model (S203)	06/05 - 08/07	OM 642.910	165	550275				
C 350	(W203)	01/05 -	M 272.960	200	550275				
	Coupe (CL203)	01/05 - 06/11	M 272.960	200	550275		550045		
	T-Model (S203)	01/05 - 08/07	M 272.960	200	550275				
	C CLASS (W204)	01/07 -	M 272.961	200			550045		
	C CLASS T-Model (S204)	08/07 -	M 272.961	200			550045		
C 350 4-matic	(W203)	01/05 -	M 272.970	200	550275				
	T-Model (S203)	01/05 - 08/07	M 272.970	200	550275				
	C CLASS (W204)	07/07 -	M 272.971	200			550045		
C 350 CGI	C CLASS (W204)	09/08 -	M 272.982	215			550045		
C 36 AMG	(W202)	05/94 - 05/00	M 104.941 (AMG 3.6)	206	550166 550256	550369 550508	550045		
C 43 AMG	(W202)	08/97 - 05/00	M 113.944	225	550275		550143		
	Estate (S202)	08/97 - 03/01	M 113.944	225	550275		550143		
C 55 AMG	(W203)	02/04 -	M 113.988	270	550275				
	T-Model (S203)	02/04 - 08/07	M 113.988	270	550275				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

C 63 AMG	C CLASS (W204)	02/08 -	M 156.985	336			550045			
	C CLASS T-Model (S204)	02/08 -	M 156.985	336			550045			

CABRIOLET 09/91 - 06/93

300 CE-24	(A124)	04/92 - 06/93	M 104.980	162			550369			
-----------	--------	---------------	-----------	-----	--	--	--------	--	--	--

CITARO (O 530) 01/98 -

Citaro GNG		04/00 -	M 476.930	240	550275		550424			
Citaro N		06/00 -	M 476.932, M 476.933, M 476.934	185	550275		550424			
Citaro NG		04/00 -	M 476.930, M 476.933, M 476.934	240	550275		550424			

CLC-CLASS 05/08 -

CLC 160	(CL203)	02/09 -	M 271.911	95			550045			
CLC 180 Kompressor	(CL203)	05/08 -	M 271.946	105			550045			
CLC 200 Kompressor	(CL203)	05/08 -	M 271.955	135	550275		550045			
CLC 230	(CL203)	05/08 -	M 272.920	150	550275		550045			
CLC 350	(CL203)	05/08 -	M 272.960	200	550275		550045			

CLK 06/97 -

200	(C208)	06/97 - 06/02	M 111.941, M 111.945	100	550226 550275	550508	550045			
	Convertible (A208)	03/98 - 03/02	M 111.941, M 111.945	100	550226 550275	550508	550045			
200 CGI	(C209)	07/03 -	M 271.942	125	550275		550045			
	Convertible (A209)	07/03 -	M 271.942	125	550275					
200 Kompressor	(C208)	06/00 - 06/02	M 111.956	120	550275	550510	550045			
	(C209)	09/02 -	M 271.940	120	550275		550045			
	Convertible (A208)	06/00 - 03/02	M 111.956	120	550275	550510	550045			
	Convertible (A209)	02/03 -	M 271.940	120	550275		550045			
	(C209)	10/06 -	M 271.955	135	550275		550045			
	Convertible (A209)	10/06 -	M 271.955	135	550275		550045			
	(C208)	06/97 - 06/00	M 111.944	141	550226 550275	550508	550045			
	Convertible (A208)	03/98 - 06/00	M 111.944	141	550226 550275	550508	550045			
220 CDI	(C209)	01/05 -	OM 646.966	110	550275	550509				
230 Kompressor	(C208)	06/97 - 06/00	M 111.973, M 111.975	142	550226 550275	550508	550045			
230 Kompressor	Convertible (A208)	03/98 - 06/00	M 111.973, M 111.975	142	550226 550275	550508	550045			
	(C208)	06/00 - 06/02	M 111.982	145	550275	550510	550045			
	Convertible (A208)	06/00 - 03/02	M 111.982	145	550275	550510	550045			
240	(C209)	06/02 -	M 112.912	125	550275			550143		
	Convertible (A209)	02/03 -	M 112.912	125	550275			550143		
270 CDI	(C209)	10/02 -	OM 612.962, OM 612.967	125	550275	550509		550142		

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



280	(C209)	01/05 -	M 272.940	170			550045		
	Convertible (A209)	01/05 -	M 272.940	170			550045		
320	(C208)	06/97 - 06/02	M 112.940	160	550166 550275	550328		550143	
	(C209)	06/02 -	M 112.955	160	550275			550143	
	Convertible (A208)	03/98 - 03/02	M 112.940	160	550166 550275	550328		550143	
	Convertible (A209)	02/03 -	M 112.955	160	550275			550143	
320 CDI	(C209)	01/05 -	OM 642.910	165	550275	550509			
	Convertible (A209)	03/05 -	OM 642.910	165	550275				
350	(C209)	01/05 -	M 272.960	200			550045		
	Convertible (A209)	01/05 -	M 272.960	200			550045		
430	(C208)	07/98 - 06/02	M 113.943	205	550275			550143	
	Convertible (A208)	09/98 - 03/02	M 113.943	205	550275			550143	
500	(C209)	06/02 -	M 113.968	225	550275			550143	
	Convertible (A209)	02/03 -	M 113.968	225	550275			550143	
	(C209)	06/06 -	M 273.965	285			550045		
	Convertible (A209)	06/06 -	M 273.967	285			550045		
55 AMG	(C208)	08/99 - 06/02	M 113.981, M 113.984	255	550275			550143	
	Convertible (A208)	01/00 - 03/02	M 113.981, M 113.984	255	550275				
	(C209)	09/02 -	M 113.987	270	550275			550143	
	Convertible (A209)	02/03 -	M 113.987	270	550275			550143	
63 AMG	(C209)	04/06 -	M 156.982	354			550045		
	Convertible (A209)	04/06 -	M 156.982	354			550045		
	(C209)	05/07 -	M 156.982	373			550045		

CLS 10/04 - 12/10

280	(C219)	07/08 - 12/10	M 272.943	170			550045		
300	(C219)	04/09 - 12/10	M 272.943	170			550045		
320 CDI	(C219)	01/05 - 12/10	OM 642.910	165		550509			
350	(C219)	10/04 - 12/10	M 272.964	200			550045		
	(C219)	04/06 - 12/10	M 272.985	215			550045		
350 CGI	(C219)	04/09 - 12/10	M 272.985	215			550045		
500	(C219)	10/04 - 12/10	M 113.967	225	550275				
	(C219)	04/06 - 12/10	M 273.960	285			550045		
CLS 55 AMG	(C219)	01/05 - 12/10	M 113.990	350	550275				
CLS 63 AMG	(C219)	04/06 - 12/10	M 156.983	378			550045		

COUPE 03/87 - 05/93

220 CE	(C124)	10/92 - 05/93	M 111.960	110	550256	550369	550045		
300 CE-24	(C124)	09/89 - 12/92	M 104.980	162		550369			
320 CE	(C124)	10/92 - 05/93	M 104.992	162	550256	550369	550045		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

E-CLASS

05/93 -

3.5 4-matic	T-Model (S211)	08/04 - 08/06	M 272.972	205			550045			
350 CGI	T-Model (S211)	05/06 - 07/09	M 272.985	215			550045			
E 200	(W210)	06/95 - 08/00	M 111.942	100	550226 550275	550508				
E 200 CDI	(W210)	06/98 - 03/02	OM 611.961	75	550226 550275	550509				
	(W211)	07/02 - 12/08	OM 646.951	75	550275	550509		550142		
	(W210)	07/99 - 03/02	OM 611.961	85	550226 550275	550509				
	(W211)	07/02 - 12/08	OM 646.951	90	550275	550509		550142		
	(W211)	04/06 - 12/08	OM 646.820	100	550275					
	T-Model (S211)	04/06 - 07/09	OM 646.821	100	550275					
E 200 CGI	(W211)	11/02 - 12/08	M 271.946	125				550142		
	(W212)	08/09 -	M 271.860	135			550045			
	Convertible (A207)	01/10 -	M 271.820, M 271.860	135			550045			
	T-Model (S212)	11/09 -	M 271.860	135			550045			
E 200 D	(W210)	01/96 - 03/02	OM 604.917	65	550226					
E 200 Kompressor	(W210)	08/00 - 03/02	M 111.957	120	550275	550510	550045			
	(W211)	11/02 - 12/08	M 271.941	120	550275	550328	550045	550142		
	(W211)	04/06 - 12/08	M 271.956	135	550275	550328	550045			
	T-Model (S211)	04/06 - 07/09	M 271.956	135	550275	550328	550045			
	(W210)	06/97 - 03/02	M 111.947	137	550226 550275	550508				
E 200 T	Estate (S210)	06/96 - 08/00	M 111.942	100	550226 550275	550508				
E 200 T Kompressor	Estate (S210)	08/00 - 03/03	M 111.957	120	550275	550510	550045			
	T-Model (S211)	03/03 - 07/09	M 271.941	120	550275	550328	550045			
	Estate (S210)	06/97 - 03/03	M 111.947	137	550226 550275	550508				
E 220	(W124)	06/93 - 06/95	M 111.960	110	550256	550369	550045			
	Convertible (A124)	06/93 - 03/98	M 111.960	110	550256	550369	550045			
	Coupe (C124)	06/93 - 06/97	M 111.960	110	550256	550369	550045			
E 220 CDI	(W210)	06/98 - 07/99	OM 611.961	92	550226	550509				
	(W211)	03/02 - 12/08	OM 646.961	100	550275					
	T-Model (S211)	03/03 - 07/09	OM 646.961	100	550275	550509				
	(W210)	07/99 - 03/02	OM 611.961	105	550226 550275	550509				
E 220 CDI	(W211)	03/02 - 12/08	OM 646.961	110	550275	550509		550142		
	(W211)	04/06 - 12/08	OM 646.821	125	550275					
E 220 D	(W210)	05/96 - 03/02	OM 604.912	55	550226					
	(W210)	06/95 - 07/99	OM 604.912	70	550226					
E 220 T	Estate (S124)	06/93 - 06/96	M 111.960	110	550256	550369	550045			
E 220 T CDI	Estate (S210)	06/98 - 07/99	OM 611.961	92	550226	550509				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

	Estate (S210)	07/99 - 03/03	OM 611.961	105	550226 550275	550509				
	T-Model (S211)	03/03 - 07/09	OM 646.961	110	550275	550509		550142		
	T-Model (S211)	04/06 - 07/09	OM 646.821	125	550275					
E 230	(W210)	06/95 - 06/97	M 111.970	110	550226	550508				
	(W211)	09/07 - 12/08	M 272.922	150			550045			
E 230 T	Estate (S210)	06/96 - 06/97	M 111.970	110	550226	550508				
	T-Model (S211)	05/07 - 07/09	M 272.922	150			550045			
E 240	(W210)	06/97 - 08/00	M 112.911	125	550166 550275	550328				
	(W210)	08/00 - 03/02	M 112.914	125	550275			550143		
	(W211)	03/02 - 12/08	M 112.913, M 112.917	130	550275			550143		
E 240 4-matic	(W211)	03/03 - 12/08	M 112.917	130	550275					
E 240 T	Estate (S210)	06/97 - 03/03	M 112.911	125	550166 550275	550328				
	Estate (S210)	08/00 - 03/03	M 112.914	125	550275			550143		
	T-Model (S211)	03/03 - 07/09	M 112.913	130	550275			550143		
E 240 T 4-matic	T-Model (S211)	07/03 - 07/09	M 112.917	130	550275					
E 250 CGI	(W212)	01/09 -	M 271.860	150			550045			
	Convertible (A207)	01/10 -	M 271.860	150			550045			
	Coupe (C207)	01/09 -	M 271.860	150			550045			
	T-Model (S212)	11/09 -	M 271.860	150			550045			
E 250 D	(W210)	06/95 - 07/99	OM 605.912	83	550226					
E 250 T D	Estate (S210)	06/96 - 07/99	OM 605.912	83	550226					
E 250 T Turbo-D	Estate (S210)	06/97 - 07/99	OM 605.962	110	550226					
E 250 Turbo-D	(W210)	06/97 - 07/99	OM 605.962	110	550226					
E 270 CDI	(W210)	07/99 - 03/02	OM 612.961	125	550275	550509		550142		
	(W211)	03/02 - 12/08	OM 647.961	130	550275					
E 270 T CDI	Estate (S210)	07/99 - 03/03	OM 612.961	125	550275	550509		550142		
	T-Model (S211)	03/03 - 07/09	OM 647.961	130	550275			550142		
E 280	(W210)	01/96 - 06/97	M 104.945	142	550256	550508				
	(W124)	06/93 - 06/95	M 104.942	145	550256	550369	550045			
	(W210)	12/96 - 03/02	M 112.921	150	550166 550275	550328				
	(W211)	03/05 - 12/08	M 272.943	170			550045			
E 280 4-matic	(W210)	12/96 - 03/02	M 112.921	150	550166 550275	550328				
E 280 4-matic	(W211)	01/06 - 12/08	M 272.943	170			550045			
E 280 CDI	(W211)	05/04 - 12/08	OM 648.961	130	550275					
	(W211)	03/05 - 12/08	OM 642.920	140		550509				
E 280 CDI 4-matic	(W211)	03/05 - 12/08	OM 642.921	140		550509				
E 280 long	(W124)	06/93 - 06/95	M 104.942	142	550256	550369	550045			
E 280 T	Estate (S124)	06/93 - 06/96	M 104.942	142	550256	550369	550045			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

Vehicle	Date	Engine	kW	CKP	CMP	KNS	MAP	TPS	OTHERS
Estate (S124)	06/93 - 06/96	M 104.942	145	550256	550369	550045			
Estate (S210)	12/96 - 03/03	M 112.921	150	550166 550275	550328				
T-Model (S211)	03/05 - 07/09	M 272.943	170			550045			
E 280 T 4-matic	Estate (S210)	12/96 - 03/03	M 112.921	150	550166 550275	550328			
T-Model (S211)	03/05 - 07/09	M 272.943	170			550045			
E 280 T CDI	T-Model (S211)	05/04 - 07/09	OM 648.961	130	550275				
T-Model (S211)	03/05 - 07/09	OM 642.920	140		550509				
E 280 T CDI 4-matic	T-Model (S211)	03/05 - 07/09	OM 642.921	140		550509			
E 290 T Turbo-D	Estate (S210)	06/96 - 07/99	OM 602.982	95	550226				
E 290 Turbo-D	(W210)	03/96 - 07/99	OM 602.982	95	550226				
E 300 D	(W210)	06/95 - 06/97	OM 606.912	100	550226				
E 300 T Turbo-D	Estate (S210)	12/96 - 07/99	OM 606.962	130	550226				
E 300 TE-24 AMG	Estate (S124)	06/93 - 06/96	M 104.980	162		550369			
E 300 Turbo-D	(W210)	12/96 - 07/99	OM 606.962	130	550226				
E 320	(W124)	06/93 - 06/95	M 104.992	162	550256	550369	550045		
(W210)	06/95 - 06/97	M 104.995	162	550256	550369				
Convertible (A124)	06/93 - 03/98	M 104.992, M 104.995	162	550256	550369	550045			
Coupe (C124)	06/93 - 06/97	M 104.992	162	550256	550369	550045			
(W210)	06/97 - 03/02	M 112.941	165	550166 550275			550143		
(W211)	03/02 - 12/08	M 112.949	165	550275			550143		
E 320 4-matic	(W210)	06/97 - 03/02	M 112.941	165	550166 550275		550143		
(W211)	03/03 - 12/08	M 112.954	165	550275			550143		
E 320 CDI	(W210)	07/99 - 03/02	OM 613.961	145	550275	550509	550142		
(W211)	11/02 - 12/08	OM 648.961	150	550275			550142		
(W211)	03/05 - 12/08	OM 642.920	165		550509				
E 320 T	Estate (S124)	06/93 - 06/96	M 104.992	162	550256	550369	550045		
Estate (S210)	12/96 - 03/03	M 112.941	165	550166 550275			550143		
T-Model (S211)	03/03 - 07/09	M 112.949	165	550275			550143		
E 320 T 4-matic	Estate (S210)	12/96 - 03/03	M 112.941	165	550166 550275		550143		
T-Model (S211)	07/03 - 07/09	M 112.954	165	550275					
E 320 T CDI	Estate (S210)	07/99 - 03/03	OM 613.961	145	550275	550509	550142		
T-Model (S211)	03/03 - 07/09	OM 648.961	150	550275			550142		
E 320 T CDI	T-Model (S211)	03/05 - 07/09	OM 642.920	165		550509			
E 320 T CDI 4-matic	T-Model (S211)	03/05 - 07/09	OM 642.920	165		550509			
E 350	(W211)	03/05 - 12/08	M 272.964	200		550045			
E 350 4-matic	(W211)	03/05 - 12/08	M 272.964, M 272.972	200		550045			
(W212)	01/09 -	M 272.977	200			550045			
T-Model (S212)	11/09 -	M 272.977	200			550045			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

E 350 CGI	(W211)	09/07 - 12/08	M 272.985	215			550045			
	(W212)	01/09 -	M 272.983	215			550045			
	Convertible (A207)	01/10 -	M 272.982, M 272.984	215			550045			
	Coupe (C207)	01/09 -	M 272.984	215			550045			
	T-Model (S212)	11/09 -	M 272.983	215			550045			
E 350 T	T-Model (S211)	03/05 - 07/09	M 272.964, M 272.972	200			550045			
E 350 T 4-matic	T-Model (S211)	03/05 - 07/09	M 272.964, M 272.972	200			550045			
E 36 AMG	Coupe (C124)	06/93 - 04/95	M 104.992 (AMG 3.6)	195	550256	550369	550045			
	Convertible (A124)	05/94 - 03/98	M 104.992 (AMG 3.6)	200		550369	550045			
	Coupe (C124)	05/94 - 06/97	M 104.992 (AMG 3.6)	200	550256	550369	550045			
E 36 T AMG	Estate (S124)	05/94 - 06/96	M 104.992 (AMG 3.6)	200	550256	550369	550045			
E 400 CDI	(W211)	02/03 - 12/08	OM 628.961	191	550275	550509		550142		
								550143		
E 420	(W124)	06/93 - 06/95	M 119.975	205		550369				
	(W210)	01/96 - 06/97	M 119.985	205	550226	550328				
E 420 T	Estate (S210)	06/96 - 06/97	M 119.985	205	550226	550328				
E 430	(W210)	06/97 - 03/02	M 113.940	205	550275			550143		
E 430 4-matic	(W210)	05/99 - 03/02	M 113.940	205	550275			550143		
E 430 T	Estate (S210)	06/97 - 03/03	M 113.940	205	550275			550143		
E 430 T 4-matic	Estate (S210)	05/99 - 03/03	M 113.940	205	550275			550143		
E 50 AMG	(W210)	02/96 - 08/97	M 119.985 (AMG 5.0)	255	550226	550328				
E 500	(W211)	03/02 - 12/08	M 113.967	225	550275			550143		
	(W124)	06/93 - 06/95	M 119.974	235		550369				
	(W211)	04/06 - 12/08	M 273.960	285			550045			
	(W212)	01/09 -	M 273.971	285			550045			
	Convertible (A207)	01/10 -	M 273.966	285			550045			
	Coupe (C207)	01/09 -	M 273.966	285			550045			
	T-Model (S212)	11/09 -	M 273.971	285			550045			
E 500 4-matic	(W211)	10/03 - 12/08	M 113.969	225	550275					
	(W211)	04/06 - 12/08	M 273.962	285			550045			
	(W212)	01/09 -	M 273.970	285			550045			
E 500 T	T-Model (S211)	10/03 - 07/09	M 113.967	225	550275			550143		
	T-Model (S211)	04/06 - 07/09	M 273.960	285			550045			
E 500 T 4-matic	T-Model (S211)	10/03 - 07/09	M 113.969	225	550275					
	T-Model (S211)	04/06 - 07/09	M 273.962	285			550045			
E 55 AMG	(W210)	08/97 - 03/02	M 113.980	260	550166			550143		
					550275					
E 55 AMG Kompressor	(W211)	10/02 - 12/08	M 113.990	350	550275			550143		
E 55 T AMG	Estate (S210)	08/97 - 03/03	M 113.980	260	550166			550143		
					550275					
E 55 T AMG 4-matic	Estate (S210)	03/01 - 03/03	M 113.980	260				550143		
E 55 T AMG Kompressor	T-Model (S211)	07/03 - 07/09	M 113.990	350	550275			550143		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

E 63 AMG	(W211)	03/06 - 12/08	M 156.983	378			550045			
	T-Model (S211)	03/06 - 07/09	M 156.983	378			550045			
	(W212)	12/09 -	M 156.985	386			550045			
	T-Model (S212)	08/09 -	M 156.985	386			550045			
E200 NGT	(W211)	03/04 - 12/08	M 271.941	120			550045			

G-CLASS

09/89 -

320 GE	Cabrio (W463)	09/94 - 11/97	M 104.996	155	550256	550369 550508	550045			
G 270 CDI	(W463)	10/01 -	OM 612.965	115	550275	550509		550142		
G 320	(W463)	09/94 - 12/97	M 104.996	155	550256	550369 550508	550045			
	(W463)	07/97 -	M 112.945	158				550143		
	Cabrio (W463)	11/97 -	M 112.945	158				550143		
G 400 CDI	(W463)	12/00 -	OM 628.962	184	550275	550509		550142 550143		
	Cabrio (W463)	12/00 -	OM 628.962	184	550275	550509		550142 550143		
G 500	(W463)	04/98 -	M 113.962	218	550275			550143		
	Cabrio (W463)	04/98 -	M 113.962	218	550275			550143		
	Cabrio (W463)	12/09 -	M 273.963	285			550045			
G 55 AMG	(W463)	04/99 -	M 113.982	260	550275			550143		
	(W463)	06/04 -	M 113.993	350	550275					

GL-CLASS

09/06 -

GL 450	(X164)	09/06 -	M 273.923	250			550045			
GL 500	(X164)	09/06 -	M 273.963	285			550045			

GLK-CLASS

06/08 -

280 4-matic	(X204)	06/08 - 06/09	M 272.948	170			550045			
300 4-matic	(X204)	07/09 - 04/11	M 272.948	170			550045			
350 4-matic	(X204)	06/08 - 04/11	M 272.971	200			550045			

KOMBI

09/85 - 06/93

220 TE	Estate (S124)	10/92 - 05/93	M 111.960	110	550256	550369	550045			
280 TE	Estate (S124)	10/92 - 06/93	M 104.942	145	550256	550369	550045			
300 TE-24	Estate (S124)	09/89 - 08/92	M 104.980	162		550369				
320 TE	Estate (S124)	10/92 - 06/93	M 104.992	162	550256	550369	550045			

M-CLASS

02/98 -

ML 230	(W163)	02/98 - 06/05	M 111.977	110	550275	550508	550045			
ML 270 CDI	(W163)	12/99 - 06/05	OM 612.963	120	550275	550509				
ML 280 CDI 4-matic	(W164)	07/05 - 07/09	OM 642.940	140		550509				
ML 320	(W163)	02/98 - 08/02	M 112.942	160	550166 550275	550328		550143		
ML 320 CDI 4-matic	(W164)	07/05 - 07/09	OM 642.940	165		550509				

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

ML 350	(W163)	02/03 - 06/05	M 112.970	173	550275			550143		
	(W163)	08/02 - 06/05	M 112.970	180	550275			550143		
ML 350 4-matic	(W164)	07/05 -	M 272.962, M 272.967	200			550045			
ML 400 CDI	(W163)	09/01 - 06/05	OM 628.963	184	550275	550509		550142 550143		
ML 430	(W163)	02/98 - 06/05	M 113.942	200	550275			550143		
ML 500	(W163)	09/01 - 06/05	M 113.964, M 113.965	215	550275			550143		
ML 500 4-matic	(W164)	07/05 -	M 113.964	225	550275					
	(W164)	12/07 -	M 273.963	285			550045			
ML 55 AMG	(W163)	02/00 - 06/05	M 113.981	255	550275					
ML 63 AMG 4-matic	(W164)	01/06 -	M 156.980	375			550045			

R-CLASS 01/06 -

R 280	(W251, V251)	01/07 -	M 272.945	170			550045			
R 300	(W251, V251)	07/09 -	M 272.945	170			550045			
R 350	(W251, V251)	01/07 -	M 272.967	200			550045			
R 350 4-matic	(W251, V251)	01/06 -	M 272.967	200			550045			
R 500 4-matic	(W251, V251)	01/06 -	M 113.971	225	550275					
	(W251, V251)	01/07 -	M 273.963	285			550045			
R 63 AMG	(W251, V251)	02/06 -	M 156.980	375			550045			

S-CLASS 02/91 -

300 SE 2.8	(W140)	01/93 - 10/98	M 104.944	145	550256	550369 550508	550045			
300 SE,SEL/S320	(W140)	03/91 - 10/98	M 104.990, M 104.994	170		550369 550508	550045			
400 SE,SEL/S420	(W140)	02/91 - 10/98	M 119.971	210	550226	550328 550369				
500 SE,SEL	(W140)	02/91 - 10/98	M 119.970	240		550369				
600 SE,SEL	(W140)	04/91 - 12/92	M 120.980	300	550226					
CL 500	Coupe (C215)	03/99 - 03/06	M 113.960	225	550275			550143		
	Coupe (C216)	06/06 -	M 273.961	285			550045			
CL 500 4-matic	Coupe (C216)	02/08 -	M 273.968	285			550045			
CL 55 AMG	Coupe (C215)	10/99 - 03/06	M 113.986	265	550275			550143		
CL 55 AMG Kompressor	Coupe (C215)	06/02 - 03/06	M 113.991	368	550275					
CL 600	Coupe (C215)	03/99 - 03/06	M 137.970	270	550275	550510		550143		
	Coupe (C215)	09/02 - 03/06	M 275.950	368	550275					
CL 600	Coupe (C216)	05/06 -	M 275.953	380	550275					
CL 63 AMG	Coupe (C216)	10/06 -	M 156.984	386			550045			
CL 65 AMG	Coupe (C215)	09/03 - 03/06	M 275.980	450	550275					
	Coupe (C216)	10/06 -	M 275.982	450	550275					
S 280	(W140)	02/93 - 10/98	M 104.944	142	550256	550369 550508	550045			
	(W220)	10/98 - 08/05	M 112.922	150	550275			550143		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

MERCEDES-BENZ



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

S 300 Turbo-D	(W140)	05/96 - 10/98	OM 606.961	130	550226					
S 320	(W220)	10/98 - 08/05	M 112.944	165	550275			550143		
S 320 CDI	(W220)	08/99 - 09/02	OM 613.960	145	550275	550509		550142		
	(W220)	09/02 - 08/05	OM 648.960	150	550275			550142		
S 350	(W220)	09/02 - 08/05	M 112.972	180	550275			550143		
	(W221)	10/05 -	M 272.965	200			550045			
S 350 4-matic	(W220)	06/03 - 08/05	M 112.975	180	550275			550143		
	(W221)	02/08 -	M 272.975	200			550045			
S 400 CDI	(W220)	06/00 - 08/05	OM 628.960	184	550275	550509		550142 550143		
	(W220)	06/03 - 08/05	OM 628.960	191	550275	550509				
S 400 Hybrid	(W221)	01/09 -	M 272.974	205			550045			
S 420	(W140)	01/93 - 10/98	M 119.971	205		550369				
S 430	(W220)	10/98 - 08/05	M 113.941	205	550275			550143		
S 430 4-matic	(W220)	09/02 - 08/05	M 113.948	205	550275			550143		
S 450	(W221)	12/05 -	M 273.922	250			550045			
S 450 4-matic	(W221)	12/05 -	M 273.924	250			550045			
S 500	(W220)	10/98 - 08/05	M 113.960	225	550275			550143		
	(W140)	01/93 - 10/98	M 119.970	235		550369				
	(W221)	10/05 -	M 273.961	285			550045			
S 500 4-matic	(W220)	09/02 - 08/05	M 113.966	225	550275			550143		
	(W221)	10/05 -	M 273.961	285			550045			
S 55 AMG	(W220)	04/99 - 08/05	M 113.986	265	550275			550143		
S 55 AMG Kompressor	(W220)	06/02 - 08/05	M 113.991	368	550275			550143		
S 600	(W220)	01/00 - 08/05	M 137.970	270	550275	550510		550143		
	(W220)	09/02 - 08/05	M 275.950	368	550275					
	(W221)	12/05 -	M 275.953	380	550275					
S 63 AMG	(W221)	10/06 -	M 156.984	386			550045			
S 65 AMG	(W220)	03/04 - 08/05	M 275.980	450	550275					
	(W221)	12/05 -	M 275.982	450	550275					
SEC/CL 420	Coupe (C140)	10/94 - 02/99	M 119.971	205	550226	550328 550369				
SEC/CL 500	Coupe (C140)	10/92 - 02/99	M 119.970	235	550226	550328 550369				
SEC/CL 600	Coupe (C140)	09/92 - 02/99	M 120.980	290	550226					

Saloon

12/84 - 06/93

220 E	(W124)	10/92 - 06/93	M 111.960	110	550256	550369	550045			
280 E	(W124)	10/92 - 06/93	M 104.942	145	550256	550369	550045			
300 E-24	(W124)	09/88 - 08/92	M 104.980	162		550369				
320 E	(W124)	10/92 - 06/93	M 104.992	162	550256	550369	550045			
400 E 4.2	(W124)	10/92 - 06/93	M 119.975	205		550369				
500 E	(W124)	01/91 - 06/93	M 119.974	240		550369				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

SL 03/89 -

280	(R129)	08/93 - 10/01	M 104.943	142	550256	550369				
						550508				
	(R129)	05/98 - 10/01	M 112.923, M 112.925	150	550275					
	(R230)	03/08 -	M 272.949	170			550045			
300	(R230)	04/09 -	M 272.949	170			550045			
300 SL-24	(R129)	03/89 - 07/93	M 104.981	170		550369				
320	(R129)	05/98 - 10/01	M 112.943	165	550275					
	(R129)	09/93 - 10/01	M 104.991	170		550369				
						550508				
350	(R230)	03/03 -	M 112.973	180	550275			550143		
	(R230)	03/06 -	M 272.966	200			550045			
	(R230)	04/08 -	M 272.968	232			550045			
500	(R129)	05/98 - 10/01	M 113.961	225	550275					
	(R230)	10/01 -	M 113.963	225	550275			550143		
	(R129)	09/92 - 10/01	M 119.972	235		550328				
						550369				
	(R230)	03/06 -	M 273.965	285			550045			
500 SL	(R129)	09/89 - 08/92	M 119.960, M 119.972	240		550369				
55 AMG	(R230)	10/01 - 06/02	M 113.992	350	550275					
	(R230)	03/06 -	M 113.995	380	550275					
55 AMG Kompressor	(R230)	06/02 -	M 113.992	368	550275					
60 AMG	(R129)	05/97 - 10/01	M 122.981	280	550226	550328				
600	(R129)	07/92 - 10/01	M 120.981, M 120.983	290	550226	550328				
	(R230)	04/03 -	M 275.951	368	550275					
	(R230)	03/06 -	M 275.954	380	550275					
63AMG	(R230)	03/08 -	M 156.981	386			550045			
65 AMG	(R230)	03/04 -	M 275.981	450	550275					

SLK 04/96 -

200	(R170)	09/96 - 03/00	M 111.946	100	550226	550508	550045			
					550275					
200 Kompressor	(R170)	03/00 - 04/04	M 111.958	120	550275	550510	550045			
	(R171)	03/04 -	M 271.944	120	550275		550045			
	(R171)	01/08 -	M 271.954	135			550045			
200 Kompressor	(R170)	10/96 - 03/00	M 111.943	141	550226	550508	550045			
					550275					
230 Kompressor	(R170)	09/96 - 03/00	M 111.973	142	550226	550508	550045			
					550275					
	(R170)	03/00 - 04/04	M 111.983	145	550275	550510	550045			
280	(R171)	01/05 -	M 272.942	170			550045			
300	(R171)	04/09 -	M 272.942	170			550045			
32 AMG Kompressor	(R170)	03/01 - 04/04	M 112.960	260	550275					
320	(R170)	03/00 - 04/04	M 112.947	160	550275			550143		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

350	(R171)	06/04 -	M 272.963	200			550045			
	(R171)	01/08 -	M 272.969	224			550045			
55 AMG	(R171)	06/04 -	M 113.989	265	550275					
SLR		04/04 -								
5.4	(R199)	04/04 -	M 155.980	460	550275					
SLR ROADSTER		10/06 -								
5.4	(R199)	04/07 -	M 155.980	460	550275					
SLS AMG		03/10 -								
6.2	(C197)	03/10 -	M 159.980	420			550045			
SPRINTER		02/96 -								
209 CDI	3-t Box (906)	06/06 -	OM 646.984	65	550275					
	3-t Platform/Chassis (906)	06/06 -	OM 646.984	65	550275					
211 CDI	3-t Box (906)	06/06 -	OM 646.985	80	550275					
	3-t Bus (906)	06/06 -	OM 646.985	80	550275					
	3-t Platform/Chassis (906)	06/06 -	OM 646.985	80	550275					
213 CDI	3-t Box (906)	06/06 -	OM 646.986	95	550275					
	3-t Platform/Chassis (906)	06/06 -	OM 646.986	95	550275					
215 CDI	3-t Box (906)	06/06 -	OM 646.990	110	550275					
	3-t Bus (906)	06/06 -	OM 646.990	110	550275					
	3-t Platform/Chassis (906)	06/06 -	OM 646.990	110	550275					
216	3-t Box (906)	09/08 -	M 271.951	115			550045			
	3-t Bus (906)	09/08 -	M 271.951	115			550045			
	3-t Platform/Chassis (906)	09/08 -	M 271.951	115			550045			
224	3-t Box (906)	06/06 -	M 272.979	190			550045			
	3-t Bus (906)	06/06 -	M 272.979	190			550045			
	3-t Platform/Chassis (906)	06/06 -	M 272.979	190			550045			
309 CDI	3,5 Platform/Chassis(906)	06/06 -	OM 646.984	65	550275					
	3,5-t Box (906)	06/06 -	OM 646.984	65	550275					
311 CDI	3,5 Platform/Chassis(906)	06/06 -	OM 646.985	80	550275					
	3,5-t Box (906)	06/06 -	OM 646.985	80	550275					
	3,5-t Bus (906)	06/06 -	OM 646.985	80	550275					
315 CDI	3,5 Platform/Chassis(906)	06/06 -	OM 646.990	110	550275					
	3,5-t Box (906)	06/06 -	OM 646.990	110	550275					
	3,5-t Bus (906)	06/06 -	OM 646.990	110	550275					
316	3,5 Platform/Chassis(906)	09/08 -	M 271.951	115			550045			
	3,5-t Box (906)	09/08 -	M 271.951	115			550045			
	3,5-t Bus (906)	09/08 -	M 271.951	115			550045			
316 NGT	3,5 Platform/Chassis(906)	09/08 -	M 271.951	115			550045			
	3,5-t Box (906)	09/08 -	M 271.951	115			550045			

MERCEDES-BENZ

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

	3,5-t Bus (906)	09/08 -	M 271.951	115			550045			
324	3,5 Platform/Chassis(906)	06/06 -	M 272.979	190			550045			
	3,5-t Box (906)	06/06 -	M 272.979	190			550045			
	3,5-t Bus (906)	06/06 -	M 272.979	190			550045			
408 CDI	4-t Box (904)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
	4-t Bus (904)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
410 D	4-t Box (904)	02/96 - 05/06	OM 602.980	75	550226					
	4-t Platform/Chassis (904)	02/96 - 05/06	OM 602.980	75	550226					
410 D 4x4	4-t Box (904)	05/97 - 05/06	OM 602.980	75	550226					
	4-t Platform/Chassis (904)	05/97 - 05/06	OM 602.980	75	550226					
411 CDI	4-t Box (904)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
	4-t Bus (904)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
411 CDI 4x4	4-t Box (904)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
412 D	4-t Box (904)	02/96 - 05/06	OM 602.980	85	550226					
	4-t Platform/Chassis (904)	02/96 - 05/06	OM 602.980	85	550226					
	4-t Box (904)	02/96 - 05/06	OM 602.980	90	550226					
	4-t Platform/Chassis (904)	02/96 - 05/06	OM 602.980	90	550226					
412 D 4x4	4-t Box (904)	05/97 - 05/06	OM 602.980	85	550226					
	4-t Platform/Chassis (904)	05/97 - 05/06	OM 602.980	85	550226					
	4-t Box (904)	05/97 - 05/06	OM 602.980	90	550226					
	4-t Platform/Chassis (904)	05/97 - 05/06	OM 602.980	90	550226					
413 CDI	4-t Box (904)	04/00 - 05/06	OM 611.981	95	550275	550509		550142		
	4-t Bus (904)	04/00 - 05/06	OM 611.981	95	550275	550509		550142		
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 611.981	95	550275	550509		550142		
413 CDI 4x4	4-t Box (904)	04/00 - 05/06	OM 611.981	95	550275					
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 611.981	95	550275					
414	4-t Box (904)	02/96 - 05/06	M 111.979, M 111.984	105		550508		550142		
	4-t Bus (904)	02/96 - 05/06	M 111.979, M 111.984	105		550508		550142		
	4-t Platform/Chassis (904)	02/96 - 05/06	M 111.979, M 111.984	105		550508		550142		
414 4x4	4-t Box (904)	05/97 - 05/06	M 111.979, M 111.984	105		550508		550142		
414 4x4	4-t Platform/Chassis (904)	05/97 - 05/06	M 111.979, M 111.984	105		550508		550142		
416 CDI	4-t Box (904)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
	4-t Bus (904)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
416 CDI 4x4	4-t Box (904)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
	4-t Platform/Chassis (904)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
424	4,6-t Box (906)	06/06 -	M 272.979	190			550045			
	4,6-t Platform/Chassis (906)	06/06 -	M 272.979	190			550045			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

509 CDI	5-t Box (906)	06/06 -	OM 646.984	65	550275					
	5-t Platform/Chassis (906)	06/06 -	OM 646.984	65	550275					
511 CDI	5-t Box (906)	06/06 -	OM 646.985	80	550275					
	5-t Platform/Chassis (906)	06/06 -	OM 646.985	80	550275					
515 CDI	5-t Box (906)	06/06 -	OM 646.986	110	550275					
	5-t Platform/Chassis (906)	06/06 -	OM 646.990	110	550275					
516	5-t Platform/Chassis (906)	09/08 -	M 271.951	115			550045			
516 NGT	5-t Platform/Chassis (906)	09/08 -	M 271.951	115			550045			
524	5-t Box (906)	06/06 -	M 272.979	190			550045			
	5-t Platform/Chassis (906)	06/06 -	M 272.979	190			550045			
616 CDI	Dumptruck	04/01 -	OM 612.981	115	550275	550509				
	Platform/Chassis	04/01 -	OM 612.981	115	550275	550509				

SPRINTER 2-t 01/95 - 05/06

208 CDI	Box (901, 902)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
	Bus (901, 902)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
	Platform/Chassis (901, 902)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
210 D	Box (901, 902)	01/97 - 04/00	OM 602.980	75	550226					
	Bus (901, 902)	03/97 - 04/00	OM 602.980	75	550226					
	Platform/Chassis (901, 902)	01/97 - 04/00	OM 602.980	75	550226					
211 CDI	Box (901, 902)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
	Bus (901, 902)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
	Platform/Chassis (901, 902)	04/00 - 05/06	OM 611.981	80	550275	550509		550142		
212 D	Box (901, 902)	02/95 - 04/00	OM 602.980	90	550226					
	Bus (901, 902)	02/95 - 04/00	OM 602.980	90	550226					
	Platform/Chassis (901, 902)	02/95 - 04/00	OM 602.980	90	550226					
213 CDI	Box (901, 902)	04/00 - 05/06	OM 611.981	95	550275	550509		550142		
	Bus (901, 902)	04/00 - 05/06	OM 611.981	95	550275	550509		550142		
	Platform/Chassis (901, 902)	04/00 - 05/06	OM 611.981	95	550275	550509		550142		
214	Box (901, 902)	02/95 - 05/06	M 111.979, M 111.984	105		550508		550142		
	Bus (901, 902)	02/95 - 05/06	M 111.979, M 111.984	105		550508		550142		
	Platform/Chassis (901, 902)	02/95 - 05/06	M 111.979, M 111.984	105		550508		550142		
214 NGT	Box (901, 902)	04/00 - 05/06	M 111.984	92			550045			
	Bus (901, 902)	04/00 - 05/06	M 111.984	92			550045			
214 NGT	Platform/Chassis (901, 902)	04/00 - 05/06	--	92			550045			
216 CDI	Box (901, 902)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
	Bus (901, 902)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		
	Platform/Chassis (901, 902)	04/00 - 05/06	OM 612.981	115	550275	550509		550142		

SPRINTER 3-t 01/95 - 05/06

308 CDI	Box (903)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		
	Bus (903)	04/00 - 05/06	OM 611.987	60	550275	550509		550142		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

MERCEDES-BENZ

	Platform/Chassis (903)	04/00 - 05/06	OM 611.987	60	550275	550509	550142		
311 CDI	Box (903)	04/00 - 05/06	OM 611.981	80	550275	550509	550142		
	Bus (903)	04/00 - 05/06	OM 611.981	80	550275	550509	550142		
	Platform/Chassis (903)	04/00 - 05/06	OM 611.981	80	550275	550509	550142		
311 CDI 4x4	Box (903)	08/02 - 05/06	OM 611.981	80	550275	550509	550142		
	Bus (903)	08/02 - 05/06	OM 611.981	80	550275	550509	550142		
	Platform/Chassis (903)	08/02 - 05/06	OM 611.981	80	550275	550509	550142		
313 CDI	Box (903)	04/00 - 05/06	OM 611.981	95	550275	550509	550142		
	Bus (903)	04/00 - 05/06	OM 611.981	95	550275				
	Platform/Chassis (903)	04/00 - 05/06	OM 611.981	95	550275	550509	550142		
313 CDI 4x4	Box (903)	08/02 - 05/06	OM 611.981	95	550275	550509	550142		
	Bus (903)	08/02 - 05/06	OM 611.981	95	550275	550509	550142		
	Platform/Chassis (903)	08/02 - 05/06	OM 611.981	95	550275				
314	Box (903)	02/95 - 05/06	M 111.979, M 111.984	105		550508			
	Bus (903)	02/95 - 05/06	M 111.984	105		550508	550142		
	Platform/Chassis (903)	02/95 - 05/06	M 111.984	105		550508			
314 4x4	Box (903)	08/02 - 05/06	M 111.984	105	550275	550508	550045		
	Bus (903)	08/02 - 05/06	M 111.984	105	550275	550508	550045	550142	
	Platform/Chassis (903)	08/02 - 05/06	M 111.984	105	550275	550508	550045	550142	
314 NGT	Box (903)	04/00 - 05/06	--	92			550045		
	Bus (903)	04/00 - 05/06	M 111.984	92			550045		
	Platform/Chassis (903)	04/00 - 05/06	--	92			550045		
316 CDI	Box (903)	04/00 - 05/06	OM 612.981	115	550275	550509			
	Bus (903)	04/00 - 05/06	OM 612.981	115	550275	550509			
	Platform/Chassis (903)	04/00 - 05/06	OM 612.981	115	550275	550509			
316 CDI 4x4	Box (903)	08/02 - 05/06	OM 612.981	115	550275	550509			
	Bus (903)	08/02 - 05/06	OM 612.981	115	550275	550509			
	Platform/Chassis (903)	08/02 - 05/06	OM 612.981	115	550275	550509			

UNIMOG 01/66 -

UX 100H,UX 100M		09/96 -	OM 602.981, OM 602.989	80	550226				
-----------------	--	---------	---------------------------	----	--------	--	--	--	--

V-CLASS 02/96 - 07/03

V 200	(638/2)	02/97 - 07/03	M 111.948	95		550508			
V 200 CDI	(638/2)	03/99 - 07/03	OM 611.980	75	550275	550509			
V 220 CDI	(638/2)	03/99 - 07/03	OM 611.980	90	550275	550509			
V 230	(638/2)	10/96 - 07/03	M 111.978	105		550508	550045		

VANEO 02/02 -

1.6	(414)	02/02 -	M 166.961	60	550275	550509	550045	550142	550143
	(414)	02/02 -	M 166.961	75		550509	550045	550142	550143

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.7 CDI	(414)	02/02 -	OM 668.914	55	550275	550509		550142		
	(414)	02/02 -	OM 668.914	67	550275	550509		550142		
1.9	(414)	02/02 -	M 166.991	92	550275	550509	550045	550142		
								550143		

VARIO 09/96 -

512 D	Box Body / Estate	09/96 -	OM 602.984	90	550226					
	Platform/Chassis	09/96 -	OM 602.984	90	550226					
612 D	Box Body / Estate	09/96 -	OM 602.984, OM 602.985	90	550226					
	Dumptruck	09/96 -	OM 602.984, OM 602.985	90	550226					
	Platform/Chassis	09/96 -	OM 602.984, OM 602.985	90	550226					
812 D	Dumptruck	09/96 -	OM 602.984, OM 602.985	90	550226					
	Platform/Chassis	09/96 -	OM 602.984, OM 602.985	90	550226					
O 812	Bus	09/96 -	OM 602.984, OM 602.985	90	550226					

VIANO 09/03 -

3,0	(W639)	09/03 -	M 112.951	140	550275	550328				
3.2	(W639)	09/03 -	M 112.951	160	550275	550328				
3.5	(W639)	09/07 -	M 272.979	190			550045			
3.7	(W639)	06/04 -	M 112.976	170	550275	550328				
CDI 2.0	(W639)	09/03 -	OM 646.982	80	550275			550142		
CDI 2.0 4-matic	(W639)	07/05 -	OM 646.982	80	550275			550142		
CDI 2.2	(W639)	09/03 -	OM 646.982	110	550275			550142		
CDI 2.2 4-matic	(W639)	07/05 -	OM 646.982	110	550275			550142		

VITO 02/96 -

108 CDI 2.2	Box (638)	03/99 - 07/03	OM 611A (60 KW CDI)	60	550275					
	Bus (638)	03/99 - 07/03	OM 611A (60 KW CDI)	60	550275					
109 CDI	Bus (W639)	09/03 -	OM 646.983	65	550275			550142		
	Bus (W639)	09/06 -	OM 646.980	70	550275			550142		
109 CDI 4x4	Bus (W639)	09/07 -	OM 646.981	70	550275			550142		
110 CDI 2.2	Box (638)	03/99 - 07/03	OM 611LA (75 KW CDI)	75	550275					
	Bus (638)	03/99 - 07/03	OM 611LA (75 KW CDI)	75	550275					
111 CDI	Bus (W639)	09/03 -	OM 646.982	80	550275			550142		
	Bus (W639)	09/07 -	OM 646.982	85	550275			550142		
111 CDI 4x4	Bus (W639)	09/07 -	OM 646.982	80	550275			550142		
112 CDI 2.2	Box (638)	03/99 - 07/03	OM 611.980	90	550275	550509				
	Bus (638)	03/99 - 07/03	OM 611.980	90	550275	550509				
113 2.0	Box (638)	03/97 - 07/03	M 111.948	95		550508	550045			
	Bus (638)	02/96 - 07/03	M 111.948	95		550508	550045			
114 2.3	Box (638)	03/97 - 07/03	M 111.978, M 111.980	105		550508	550045			
	Bus (638)	12/96 - 07/03	M 111.978, M 111.980	105		550508	550045			

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

115 CDI	Bus (W639)	09/03 -	OM 646.982	110	550275			550142		
115 CDI 4x4	Bus (W639)	09/07 -	OM 646.982	110	550275			550142		
119	Bus (W639)	09/03 -	M 112.951	140	550275	550328				
122	Bus (W639)	09/03 -	M 112.951	160	550275	550328				
123	Bus (W639)	06/04 -	M 112.976	170	550275	550328				
126	Bus (W639)	09/07 -	M 272.978	190			550045			

VITO / MIXTO 09/03 -

109 CDI	Box (W639)	09/03 -	OM 646.983	65	550275			550142		
111 CDI	Box (W639)	09/03 -	OM 646.982	80	550275			550142		
	Box (W639)	09/07 -	OM 646.982	85	550275			550142		
111 CDI 4x4	Box (W639)	09/07 -	OM 646.982	80	550275			550142		
115 CDI	Box (W639)	09/03 -	OM 646.982	110	550275			550142		
115 CDI 4x4	Box (W639)	09/07 -	OM 646.982	110	550275			550142		
119	Box (W639)	09/03 -	M 112.951	140	550275	550328				
122	Box (W639)	09/03 -	M 112.951	160	550275	550328				
126	Box (W639)	09/07 -	M 272.978	190			550045			

MG

MG

MG ZR 06/01 -

Turbodiesel		06/01 -	20 T2N	74	550231					
-------------	--	---------	--------	----	--------	--	--	--	--	--

MG ZS 07/01 -

2.0 TD		01/04 -	20 T2N	74						550587
	Hatchback	01/04 -	20 T2N	74						550587

MGF 03/95 - 03/02

1.8 i 16V	(RD)	03/95 - 03/02	18 K4F	88	550572					
-----------	------	---------------	--------	----	--------	--	--	--	--	--

MINI

MINI 06/01 -

Cooper	(R56)	10/06 -	N12B16A	88	550470					
	Convertible (R57)	03/09 -	N12B16A	88	550470					
	(R56)	03/10 -	N16 B16 A	90	550470					
	Convertible (R57)	03/10 -	N16 B16 A	90	550470					
Cooper D	(R56)	03/07 -	9HZ (DV6TED4)	80	550014 550471			550569		550383
Cooper S	(R56)	10/06 -	N14 B16 A	128	550470					
	Convertible (R57)	03/09 -	N14 B16 A	128	550470					
	(R56)	03/10 -	N18 B16 A	135	550470					
	Convertible (R57)	03/10 -	N18 B16 A	135	550470					
John Cooper Works	Convertible (R57)	03/08 -	N14 B16 C	155	550470					
	(R50, R53)	03/06 - 09/06	-	160	550470					
One	(R56)	03/09 -	N12B14A	55	550470					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	(R56)	03/10 -	--	55	550470					
	(R56)	03/07 -	N12B14A	70	550470					
	(R56)	03/10 -	--	72	550470					
	Convertible (R57)	03/10 -	--	72	550470					
One D	(R50, R53)	06/03 - 09/06	1ND	55		550128				
	(R50, R53)	06/03 - 09/06	1ND-TV	65		550128				

MINI CLUBMAN 10/07 -

Cooper	(R55)	10/07 -	N12B16A	88	550470					
	(R55)	03/10 -	N16 B16 A	90	550470					
Cooper D	(R55)	10/07 -	9HZ (DV6TED4)	80	550014 550471	550117		550569		550383
Cooper S	(R55)	10/07 -	N14 B16 A	120	550470					
	(R55)	10/07 -	N14 B16 A	128	550470					
	(R55)	03/10 -	N18 B16 A	135	550470					
One	(R55)	03/10 -	--	72	550470					

MINI COUNTRYMAN 06/10 -

Cooper	(R60)	06/10 -	N16 B16 A	90	550470					
Cooper S	(R60)	06/10 -	N18 B16 A	135	550470					
Cooper S ALL4	(R60)	06/10 -	N18 B16 A	135	550470					
One	(R60)	06/10 -	--	72	550470					

MITSUBISHI**CARISMA 07/95 - 06/06**

1.3	Saloon (DA_)	09/00 - 10/04	4 G 13 (12V)	55		550525				
1.6	(DA_)	07/95 - 06/06	4 G 92	66	550022 550346	550525	550334		550512 550515	
	Saloon (DA_)	09/96 - 06/06	4 G 92	66	550022	550525			550512	
	(DA_)	12/98 - 06/06	4 G 92	70		550525			550512 550515	
	Saloon (DA_)	12/98 - 06/06	4 G 92	70		550525			550512	
	(DA_)	05/97 - 06/06	4 G 92	73	550022	550525			550512 550515	
	Saloon (DA_)	05/97 - 06/06	4 G 92	73	550022	550525			550512	
	(DA_)	09/00 - 06/06	4 G 92	76		550525			550512 550515	
	Saloon (DA_)	09/00 - 06/06	4 G 92	76		550525			550512	
1.8	(DA_)	07/95 - 06/06	4G93	85	550022 550346	550525	550334 550335		550512 550513	
	Saloon (DA_)	09/96 - 06/06	4G93	85	550022	550525			550512	
1.8 16V	(DA_)	07/95 - 06/06	4G93	103	550022 550346	550525	550334 550335		550512 550513	
1.8 16V GDI	(DA_)	09/97 - 06/06	4G93 (GDI)	92		550525			550513	
	Saloon (DA_)	09/97 - 06/06	4G93 (GDI)	92		550525			550512	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 GDI	(DA_)	10/00 - 06/06	4G93 (GDI)	90		550525				
	Saloon (DA_)	10/00 - 06/06	4G93 (GDI)	90		550525				
2.0 16V GT EVO VII/VII	Saloon (DA_)	11/99 - 06/06	4 G 63 Turbo	206		550525				

COLT 10/86 -

1.1	VI (Z2_, Z_)	10/04 -	3A91	55		550524				
1.5	VI (Z2_, Z_)	06/04 -	4A91	80		550524				
1.5 CZT	VI (Z2_, Z_)	03/05 -	4G15T	110		550533				
1.5 DI-D	VI (Z2_, Z_)	08/04 -	--	50		550275				
	VI (Z2_, Z_)	08/04 -	OM639	70		550275				
1.5 GLXi	III (C5_A)	04/88 - 05/92	4 G 15	62			550333			
1.6 GLXi 16V	IV (CA_A)	04/92 - 04/96	4 G 92	83			550337			
1.6 GTi 16V	III (C5_A)	04/88 - 05/90	4G61	91			550333 550337			
1.8 Diesel GLX	III (C5_A)	04/88 - 05/92	4 D 65	44			550333 550336			
1.8 GTi 16V	IV (CA_A)	04/92 - 04/96	4G93	103			550336			
1300	V (CJ_A, CJ_, CP_)	09/00 - 07/05	4 G 13 (16 V)	60		550525				
1300 GL, GLX	V (CJ_A, CJ_, CP_)	05/96 - 09/00	4 G 13 (12V)	55	550353	550525		550338		
1600	V (CJ_A, CJ_, CP_)	09/00 - 07/05	4 G 92	76		550525				
1600 GLX	V (CJ_A, CJ_, CP_)	05/96 - 09/00	4 G 92	66	550346 550352	550525	550334			

COLT CZC 05/06 -

1.5	Convertible (RG)	05/06 -	4A91	80		550524				
-----	------------------	---------	------	----	--	--------	--	--	--	--

ECLIPSE 04/94 - 04/99

2400 GS 16V	II (D3_)	09/98 - 04/99	--	105			550335		550512	
-------------	----------	---------------	----	-----	--	--	--------	--	--------	--

GALANT 11/87 - 10/04

1.8 GDi	VI (EA_)	11/97 - 10/01	4G93 (GDI)	103		550525				
1.8 GLSi	V (E5_A, E7_A, E8_A)	11/92 - 08/96	4G93 (GDI)	93			550336			
	V Saloon (E5_A, E7_A, E8_A)	11/92 - 08/96	4G93 (GDI)	93			550336			
2.0	IV Saloon (E3_A)	11/87 - 10/92	4G63 (SOHC 8V)	80			550333			
	VI (EA_)	09/00 - 10/04	4G63 (SOHC 16V)	98		550525			550512 550513	
	VI Estate (EA_)	09/00 - 10/03	4G63 (SOHC 16V)	98		550525			550512	
	VI (EA_)	09/96 - 09/00	4G63 (SOHC 16V)	100		550525	550335		550512 550513	
2.0	VI Estate (EA_)	09/96 - 09/00	4G63 (SOHC 16V)	100		550525	550335		550512	
2.0 4x4	IV Saloon (E3_A)	12/88 - 10/92	4G63 (SOHC 8V)	80			550333			
2.0 GTi 16V	IV (E3_A)	11/88 - 10/92	4 G 63 (DOHC 16V)	106			550333			
2.0 GTi 16V	IV Saloon (E3_A)	11/87 - 10/92	4 G 63 (DOHC 16V)	106			550333			
2.0 GTi 16V	IV (E3_A)	11/88 - 10/92	4 G 63 (DOHC 16V)	107			550333			
2.0 GTi 16V	IV Saloon (E3_A)	11/88 - 10/92	4 G 63 (DOHC 16V)	107			550333			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 GTi 16V 4x4	IV Saloon (E3_A)	06/88 - 10/92	4 G 63 (DOHC 16V)	106			550333			
2.0 TDI	VI Estate (EA_)	09/96 - 10/03	4D68 SOHC	66			550335			
2.4 GDI	VI (EA_)	09/00 - 10/04	4G64 (GDI)	106		550525				
	VI Estate (EA_)	09/00 - 10/03	4G64 (GDI)	106		550525				
	VI (EA_)	02/99 - 09/00	4G64 (GDI)	110		550525				
	VI Estate (EA_)	02/99 - 09/00	4G64 (GDI)	110		550525				
2.5 V6 24V	VI (EA_)	09/00 - 10/04	6A13	118					550512	
	VI Estate (EA_)	09/00 - 10/03	6A13	118					550513	
	VI (EA_)	09/96 - 09/00	6A13	120					550512	
	VI Estate (EA_)	09/96 - 09/00	6A13	120					550513	

GRANDIS

11/97 -

2.0		11/97 - 05/03	4G63 (SOHC 8V)	77		550525				
2.4	(NA_W)	04/04 -	4G69	121	550533					
2.4 GDI GLX		08/00 - 05/03	4G64 (GDI)	108		550525				

L 200

06/96 - 03/03

2.4 4x4	(K_T)	06/96 -	4G64 (SOHC 16V)	97		550525				
---------	-------	---------	-----------------	----	--	--------	--	--	--	--

LANCER

09/85 -

1.3	Saloon (CS_A)	09/03 -	4 G 13 (16 V)	60					550439	
1.5	III Station Wagon (C1_V, C3_V)	09/85 - 08/89	G15B	51			550333			
	III Station Wagon (C1_V, C3_V)	09/85 - 12/87	4 G 15	55			550333			
	Saloon (CY/Z_A)	06/08 -	4A91	80	550524					
1.6	Estate (CS_W)	09/03 -	4G18	72					550439	
	Saloon (CS_A)	09/03 -	4G18	72					550439	
1.6 16V	VI (CK/P_A)	12/95 - 08/03	4 G 92	66	550352		550334		550512	
	V (CB/D_A)	06/92 -	4 G 92	83			550337			
1.6 16V 4WD	V Station Wagon (CB_W, CD_W)	12/92 - 10/03	4 G 92	83	550353		550337			
	V (CB/D_A)	06/92 -	4 G 92	83			550337			
2.0	V Station Wagon (CB_W, CD_W)	12/92 - 10/03	4 G 92	83	550353		550337			
	VI (CK/P_A)	09/95 - 08/03	4G94 (GDI)	92		550525				
	Estate (CS_W)	09/03 - 12/07	4 G 63 (DOHC 16V)	99					550439	
	Saloon (CS_A)	12/03 -	4 G 63 (DOHC 16V)	99	550346				550439	
2.0 16V EVO IV / V / VI / VII	VI (CK/P_A)	08/96 - 08/03	4 G 63 Turbo	206		550525			550515	
2.0 16V EVO VIII	Saloon (CS_A)	03/04 -	--	195		550525				

MIRAGE

09/95 - 07/03

1.5	Hatchback	09/95 - 08/99	4G15 (12V)	81					550512	
-----	-----------	---------------	------------	----	--	--	--	--	--------	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

OUTLANDER 02/03 -

2.0	I (CU_)	05/03 - 10/06	4 G 63 (DOHC 16V)	100		550525			550515
2.0 4WD	I (CU_)	05/03 - 10/06	4 G 63 (DOHC 16V)	93					550515
	I (CU_)	05/03 -	4 G 63 (DOHC 16V)	100		550525			
	I (CU_)	05/03 -	--	177					550515
2.0 Turbo 4WD	I (CU_)	04/04 -	4 G 63 T (DOHC 16V)	148		550525			
2.2 DI-D 4WD	II (CW_W)	08/07 -	4HK	115	550014 550315 550471	550117			
2.4 4WD	I (CU_)	05/03 -	4G64 (SOHC 16V)	102					550515
	I (CU_)	11/03 -	4G69	118	550533				550515
	I (CU_)	05/03 -	4G69	119	550533				550515

PAJERO 12/90 -

2.4	II (V3_W, V2_W, V4_W)	04/91 - 04/00	4G64 (12V)	82					550512
3.5 V6 24V	II (V3_W, V2_W, V4_W)	07/97 - 04/00	6G74 (DOHC 24V)	143					550513
	II (V3_W, V2_W, V4_W)	06/94 - 04/00	6G74 (SOHC 24V)	153					550513
3.5 V6 GDI	III (V60, V70)	04/00 -	6G74 (DOHC 24V)	149	550351				
3.8 V6	IV (V80, V90)	02/07 -	6G75	184		550611			

PAJERO PININ 03/99 -

1.8 GDI	(H6_W, H7_W)	10/99 -	4G93 (GDI)	88	550346		550337		550515
2.0 GDI	(H6_W, H7_W)	10/00 -	4G94 (GDI)	95			550337		

PAJERO SPORT 11/97 -

3.0 V6	(K90)	11/98 -	6G72 (SOHC 24V)	130					550513
--------	-------	---------	-----------------	-----	--	--	--	--	--------

SPACE RUNNER 10/91 -

1.8	(N1_W, N2_W)	10/91 - 08/99	4G93	90			550336		
1.8 4x4	(N1_W, N2_W)	10/91 - 08/99	4G93	90			550336		
2.0	(N6_W)	08/99 -	4 G 63 (DOHC 16V)	100		550525	550335		550512
2.4 GDI	(N6_W)	08/99 -	4G64 (GDI)	110		550525			

SPACE STAR 06/98 -

1.3 16V	(DG_A, DG0)	09/00 -	4 G 13 (16 V)	60		550525			550515
	(DG_A, DG0)	12/98 -	4 G 13 (16 V)	61		550525			550515
	(DG_A, DG0)	06/98 -	4 G 13 (16 V)	63	550353	550525		550338	550515
1.6	(DG_A, DG0)	04/01 - 03/06	4 G 92	72		550525			
1.6 16V	(DG_A, DG0)	01/01 -	4G18	72	550353	550525			550515
1.8 GDI	(DG_A, DG0)	06/98 -	4G93 (GDI)	87	550346		550334		550515
	(DG_A, DG0)	06/98 -	4G93 (GDI)	90	550346	550525	550334		550515
1.8 MPI	(DG_A, DG0)	10/02 -	4G93	82		550525			550515

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

SPACE WAGON

05/91 - 12/04

1.8	(N3_W, N4_W)	10/91 - 10/98	4G93	90			550336			
	(N9_W, N8_W)	05/02 - 08/04	4G93	93		550525				
1.8 4x4	(N3_W, N4_W)	10/91 - 10/98	4G93	90			550336			
2.0 GDI	(N9_W, N8_W)	04/02 - 12/04	4 G 63 (DOHC 16V)	98		550525			550512	
2.4 GDI	(N9_W, N8_W)	09/00 - 12/04	4G64 (GDI)	108		550525				
	(N9_W, N8_W)	10/98 - 12/04	4G64 (GDI)	110		550525			550515	
2.4 GDI 4x4	(N9_W, N8_W)	09/00 - 12/04	4G64 (GDI)	108		550525				

NISSAN

100 NX

03/90 - 01/96

2.0 GTI	(B13)	03/91 - 10/94	SR20DE	105			550590			
---------	-------	---------------	--------	-----	--	--	--------	--	--	--

200 SX

10/93 - 12/99

2.0 i 16V	(S14)	10/93 - 12/99	SR20DE	118			550590			
2.0 i 16V Turbo	(S14)	10/93 - 12/99	SR20DET	147			550590			

300 ZX

12/89 - 12/97

3.0 Twin Turbo	(Z32)	05/90 - 09/95	VG30DETT	197			550590			
	(Z32)	05/90 - 09/95	VG30DETT	208			550590			

350 Z

10/02 -

3.5	(Z33)	10/03 -	VQ35DE	206		550583	550598			
	Roadster (Z33)	03/05 -	VQ35DE	206		550583	550598			
	(Z33)	04/06 -	VQ35DE	221	550529	550583	550598			
	Roadster (Z33)	04/06 -	VQ35DE	221		550583	550598			

ALMERA

01/00 -

1.5	II (N16)	07/00 -	QG15DE	66			550526			
	II Hatchback (N16)	03/00 -	QG15DE	66			550526			
	II (N16)	10/02 -	QG15DE	72			550526			
	II Hatchback (N16)	10/02 -	QG15DE	72			550526			
1.5 dCi	II (N16)	01/03 -	K9K 722	60		550058	550046			550385
	II Hatchback (N16)	01/03 -	K9K 722	60						550386
										550409
1.8	II (N16)	07/00 -	QG18DE	84			550526			
	II Hatchback (N16)	01/00 -	QG18DE	84			550526			
	II (N16)	10/02 -	QG18DE	85			550526			
	II Hatchback (N16)	10/02 -	QG18DE	85			550526			

ALMERA TINO

08/00 -

1.8	(V10)	08/00 -	QG18DE	84			550526			
-----	-------	---------	--------	----	--	--	--------	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

(V10)	12/02 -	QG18DE	85	550526					
-------	---------	--------	----	--------	--	--	--	--	--

CABSTAR E 10/98 - 10/06

110.35		10/98 - 10/06	BD-30Ti	78	550087				
110.45		10/98 - 10/06	BD-30Ti	78	550087				
120.35		10/98 - 10/06	BD-30Ti	88	550087				
120.45		10/98 - 10/06	BD-30Ti	88	550087				

INTERSTAR 07/02 -

dCi 120	Box (X70)	07/02 -	G9U 720	84				550086	
	Bus (X70)	07/02 -	G9U 720	84				550086	
dCi 80	Box (X70)	07/02 -	F9Q 772	60	550139				
	Bus (X70)	07/02 -	F9Q 772	60	550139				
dCi 90	Box (X70)	07/02 -	G9T 722	66				550086	
	Bus (X70)	07/02 -	G9T 722	66				550086	

KUBISTAR 08/03 -

1.2	(X76)	08/03 -	D7F 764	44				550086	
	(X76)	-	--	44	550066				
1.2 16V	(X76)	04/06 -	D4F 712	55					550386 550387
1.2L	(X76)	-	--	44	550024				
1.5 dCi	(X76)	08/03 -	K9K 710	42					550385 550386 550409
	(X76)	08/05 -	K9K 710	45					550385 550386 550409
	(X76)	08/03 -	K9K 704	48	550058	550046			550385 550386 550409
	(X76)	08/03 -	K9K 722	60	550058	550046			550385 550386 550409
1.5 dCi 70	(X76)	04/06 -	K9K 700	50					550385 550386 550409
1.5 dCi 85	(X76)	04/06 -	K9K 276	62					550385 550386 550409
1.6 16V	(X76)	08/03 -	K4M 752	70	550051			550086	550386

MAXIMA 10/97 -

3.0 QX	Station Wagon	10/97 -	VQ30DE	142				550590	
--------	---------------	---------	--------	-----	--	--	--	--------	--

MAXIMA QX 03/94 - 11/03

2.0	III (A32)	02/95 - 08/00	VQ20DE	103	550282				
2.0 V6 24V	II (A33)	03/00 -	VQ20DE	103	550282				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.0	III (A32)	01/95 - 08/00	VQ30DE	142	550282		550590			
3.0 V6 24V	II (A33)	03/00 -	VQ30DE	147	550282					

MICRA 01/92 - 05/10

1.0 16V	III (K12)	01/03 -	CG10DE	48		550526				
1.0 i 16V	II (K11)	08/92 - 09/00	CG10DE	40		550526			550301	
	II (K11)	09/00 - 02/03	CG10DE	44		550526			550301	
1.2 16V	III (K12)	01/03 -	CR12DE	48		550526				
	III (K12)	01/03 -	CR12DE	59		550526				
1.4 16V	III (K12)	01/03 -	CR14DE	65		550526				
1.4 i 16V	II (K11)	09/00 - 02/03	CGA3DE	60					550301	
1.5 dCi	III (K12)	01/03 -	K9K 704	48	550058					550385 550386 550409
	III (K12)	06/05 -	K9K 708	50						550385 550386 550409
	III (K12)	09/03 -	K9K 722	60	550058					550385 550386 550409
	III (K12)	06/05 -	K9K 276	63						550385 550386 550409

MICRA C+C 08/05 -

1.4 16V	(K12)	08/05 -	CR14DE	65		550526 550583				
---------	-------	---------	--------	----	--	------------------	--	--	--	--

MURANO 03/05 -

3.5 4x4	(Z50)	03/05 -	VQ35DE	172	550529	550583	550598			
	(Z51)	10/08 -	VQ35DE	188	550529					

NOTE 03/06 -

1.4	(E11)	03/06 -	CR14DE	65		550526				
1.5 dCi	(E11)	03/06 -	K9K 700	50						550385 550386 550409
	(E11)	03/06 -	K9K 276	63						550385 550386 550409

PATHFINDER 09/97 -

3.3 V6 4WD	(R50)	03/98 - 10/00	VG33E	110			550590			
	(R50)	09/97 - 12/04	VG33E	125			550590			
3.5 V6 4WD	(R50)	11/00 - 12/04	VQ35	162			550598			
4.0 4WD	(R51)	09/05 -	VQ40DE	198		550583				

PICK UP 09/85 - 02/98

3.0 i V6 4WD	(D21)	09/90 - 02/98	VG30E	109			550590			
--------------	-------	---------------	-------	-----	--	--	--------	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

PRIMASTAR

03/01 -

2.0	Box (X83)	02/03 -	F4R 720	88	550568			550086		550386
	Bus (X83)	03/01 -	F4R 720, F4R 722	88	550568			550086		550386
dCi 100	Box (X83)	09/02 -	F9Q 760	74	550139					
	Bus (X83)	03/01 -	F9Q 760	74	550139					
dCi 80	Box (X83)	09/02 -	F9Q 762	60	550139					
	Bus (X83)	03/01 -	F9Q 762	60	550139					

PRIMERA

06/96 -

1.6	(P12)	03/02 -	QG16DE	78	550526					
	Hatchback (P12)	07/02 -	QG16DE	78	550526					
	(P12)	01/02 -	QG16DE	80	550526					
	Hatchback (P12)	07/02 -	QG16DE	80	550526					
1.6 16V	Hatchback (P11)	09/96 - 07/02	GA16DE	73	550526					
	(P11)	06/96 - 12/01	QG16DE	78	550526					
	Hatchback (P11)	09/00 - 07/02	QG16DE	78	550526					
1.8	(P12)	03/02 -	QG18DE	85	550526					
	Estate (WP12)	03/02 -	QG18DE	85	550526					
	Hatchback (P12)	07/02 -	QG18DE	85	550526					
1.8 16V	(P11)	08/99 - 12/01	QG18DE	84	550526					
	Hatchback (P11)	08/99 - 07/02	QG18DE	84	550526					
	Traveller (WP11)	08/99 - 12/01	QG18DE	84	550526					
1.9 dCi	(P12)	04/03 -	--	88	550139					
	Estate (WP12)	04/03 -	--	88	550139					
	Hatchback (P12)	04/03 -	--	88	550139					
2.0	(P12)	03/02 -	QR20DE	103	550539					
	Estate (WP12)	03/02 -	QR20DE	103	550539					
	Hatchback (P12)	07/02 -	QR20DE	103	550539					

TEANA

10/03 - 06/08

2.3	I (J31)	10/03 - 06/08	VQ23DE	127				550598		
3.5	I (J31)	10/03 - 06/08	VQ35DE	170				550598		

TERRANO

10/92 -

2.7 TDi 4WD	II (R20)	05/96 -	TD27TI	92	550087					
3.5 4WD	II (R20)	10/94 - 06/03	VQ35DE	177				550598		

X-TRAIL

06/01 -

2.0	(T30)	07/01 -	QR20DE	103	550539					
2.0 4x4	(T30)	07/01 -	QR20DE	103	550539					
2.5	(T31)	06/07 -	QR25DE	124	550539					
2.5 4x4	(T30)	01/03 -	QR25DE	121	550539					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

OPEL

AGILA

09/00 -

1.0	(H00)	08/03 -	Z 10 XEP	44	550061	550292	550305			
1.0 12V	(H00)	09/00 -	Z 10 XE	43	550061	550084				
1.2 16V	(H00)	09/00 -	Z 12 XE	55	550061	550084				
1.2 16V Twinport	(H00)	07/04 -	Z 12 XEP	59	550061	550292	550305			
1.3 CDTI	(H00)	08/03 -	Z 13 DT	51	550003	550002			550097	
	(H08)	04/08 -	Z 13 DTJ	55	550003				550097	

AMPERA

11/11 -

EV 150		11/11 -	A 14 XFL	111	550614	550613	550615			
--------	--	---------	----------	-----	--------	--------	--------	--	--	--

ANTARA

05/06 -

2.4		05/06 -	Z 24 XED	104					550284	
-----	--	---------	----------	-----	--	--	--	--	--------	--

ASCONA

09/81 - 10/88

1.6 i	C (81_, 86_, 87_, 88_)	09/87 - 08/88	E 16 NZ	55						550145
	C Hatchback (84_, 89_)	09/87 - 08/88	E 16 NZ	55						550145
1.6 i CAT	C Hatchback (84_, 89_)	09/86 - 08/88	C 16 LZ, C 16 NZ	55						550145
1.8	C (81_, 86_, 87_, 88_)	09/87 - 08/88	E 18 NV	62	550068					
	C Hatchback (84_, 89_)	09/87 - 08/88	E 18 NV	62	550068					
1.8 E	C (81_, 86_, 87_, 88_)	01/85 - 08/86	C 18 NE, S 18 NV	74	550068					
	C Hatchback (84_, 89_)	01/85 - 08/86	C 18 NE, S 18 NV	74	550068					

ASTRA

09/91 -

1.2	H	08/05 -	Z 12 XEP	59		550292	550305			
	H GTC	08/05 -	Z 12 XEP	59		550292	550305			
1.2 16V	G Estate (F35_)	02/98 - 09/00	X 12 XE	48	550061	550084				550301
	G Hatchback (F48_, F08_)	02/98 - 09/00	X 12 XE	48	550061	550084				550301
	G Saloon (F69_)	09/98 - 09/00	X 12 XE	48	550061	550084				550301
	G Estate (F35_)	09/00 - 07/04	Z 12 XE	55	550061	550084				
	G Hatchback (F48_, F08_)	09/00 - 01/05	Z 12 XE	55	550061	550084				
	G Saloon (F69_)	09/00 - 01/05	Z 12 XE	55	550061	550084				
1.3 CDTI	H	08/05 -	Z 13 DTH	66	550003	550002				550271
	H Estate	08/05 -	Z 13 DTH	66	550003	550002				550271
	H GTC	04/05 -	Z 13 DTH	66	550003					550271
1.4	H	04/04 - 10/04	Z 14 XEL	59						550140
	F Estate (51_, 52_)	09/92 - 01/98	14 SE	60	550050					
	F Hatchback (53_, 54_, 58_, 59_)	09/92 - 01/98	14 SE	60	550050					
1.4	J	12/09 -	A 14 XEL	64		550613	550615			
	G Estate (F35_)	09/07 - 12/09	Z 14 XEP	66			550305	550140		
	G Hatchback (F48_, F08_)	09/07 - 12/09	Z 14 XEP	66			550305	550140		
	G Saloon (F69_)	09/07 - 12/09	Z 14 XEP	66			550305	550140		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	H	03/04 -	Z 14 XEP	66	550061	550084 550292	550305			
	H Estate	08/04 -	Z 14 XEP	66	550061	550084 550292	550305			
	H GTC	03/05 -	Z 14 XEP	66	550061	550084 550292	550305			
	J	12/09 -	A 14 XER	74		550613	550615			
	Sports Tourer (J)	10/10 -	A 14 XER	74		550613	550615			
1.4 16V	G Estate (F35_)	06/98 - 07/04	X 14 XE, Z 14 XE	66	550052 550129 550577	550053	550054	550141	550146	
	G Hatchback (F48_, F08_)	02/98 - 01/05	X 14 XE, Z 14 XE	66	550052 550129 550577	550053		550140 550141	550146	
	G Saloon (F69_)	09/98 - 01/05	X 14 XE, Z 14 XE	66	550052 550129 550577	550053	550054	550140 550141	550146	
1.4 i	F (56_, 57_)	09/91 - 09/98	C 14 NZ	44				550140	550145	
	F Estate (51_, 52_)	09/91 - 01/98	C 14 NZ	44				550140	550145	
	F Hatchback (53_, 54_, 58_, 59_)	03/92 - 01/98	C 14 NZ	44				550140	550145	
	F Van (55_)	10/91 - 01/99	C 14 NZ	44				550140		
1.4 i 16V	F (56_, 57_)	02/96 - 09/98	X 14 XE	66	550577		550054			
	F Convertible (53_B)	01/96 - 03/01	X 14 XE	66	550050 550577		550054			
	F Estate (51_, 52_)	02/96 - 01/98	X 14 XE	66	550577		550054			
	F Hatchback (53_, 54_, 58_, 59_)	01/96 - 01/98	X 14 XE	66	550577		550054			
1.4 LPG	J	01/12 -	A 14 NET	103				550493		
	Sports Tourer (J)	01/12 -	A 14 NET	103		550613	550615	550493		
1.4 Si	F (56_, 57_)	03/92 - 09/98	C 14 SE	60	550050			550140	550146	
	F Convertible (53_B)	05/93 - 03/01	C 14 SE	60	550050			550140		
	F Estate (51_, 52_)	03/92 - 01/98	C 14 SE	60	550050				550146	
	F Hatchback (53_, 54_, 58_, 59_)	03/92 - 01/98	C 14 SE	60	550050			550140	550146	
1.4 Turbo	J	10/10 -	A 14 NEL	88	550614	550613	550615	550493		
	Sports Tourer (J)	10/10 -	A 14 NEL	88	550614	550613	550615	550493		
	J	12/09 -	A 14 NET	103	550614	550613	550615	550493		
	Sports Tourer (J)	10/10 -	A 14 NET	103	550614	550613	550615	550493		
1.6	F (56_, 57_)	09/95 - 09/98	16 LZ2, 16 NZR	55	550050			550140		
	F Estate (51_, 52_)	09/95 - 01/98	16 LZ2, 16 NZR	55	550050			550140		
	F Hatchback (53_, 54_, 58_, 59_)	09/95 - 01/98	16 LZ2, 16 NZR	55	550050			550140		
	G Box (F70)	01/99 - 09/00	X 16 SZR	55	550129		550054	550140	550145	
1.6	G Estate (F35_)	02/98 - 09/00	X 16 SZR	55	550129		550054	550140	550145	
	G Hatchback (F48_, F08_)	02/98 - 09/00	X 16 SZR	55	550129		550054	550140	550145	
	G Saloon (F69_)	09/98 - 09/00	X 16 SZR	55	550129		550054	550140	550145	
	G Box (F70)	09/00 - 04/05	Z 16 SE	62	550052	550281	550054	550141		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	G Estate (F35_)	09/00 - 07/04	Z 16 SE	62	550052	550281	550054	550141		
	G Hatchback (F48_, F08_)	09/00 - 01/05	Z 16 SE	62	550052	550281	550054	550141		
	G Saloon (F69_)	09/00 - 01/05	Z 16 SE	62	550052	550281	550054	550141		
	G Convertible	01/03 - 10/05	Z 16 XEP	76				550140 550141		
	G Estate (F35_)	12/02 - 07/09	Z 16 XEP	76				550140 550141		
	G Hatchback (F48_, F08_)	12/02 - 12/09	Z 16 XEP	76				550141		
	G Saloon (F69_)	12/02 - 01/05	Z 16 XEP	76				550141		
	H	03/04 -	Z 16 XEP	77				550141		
	H Estate	08/04 -	Z 16 XEP	77				550141		
	H GTC	03/05 -	Z 16 XEP	77				550141		
	H TwinTop	09/05 -	Z 16 XEP	77				550141		
	H	12/06 -	Z 16 XER	85		550574				
	H Estate	12/06 -	A 16 XER	85		550574				
	H GTC	12/06 -	Z 16 XER	85		550574		550367		
	H TwinTop	12/06 -	Z 16 XER	85		550574		550367		
1.6 16V	G Convertible	03/01 - 10/05	Z 16 XE	74	550052	550053	550054	550140 550141		
	G Estate (F35_)	02/98 - 07/04	X 16 XEL, Z 16 XE	74	550052 550129 550577	550053	550054	550140 550141	550146	
	G Hatchback (F48_, F08_)	02/98 - 01/05	X 16 XEL, Z 16 XE	74	550052 550577	550053	550054	550140 550141	550146	
	G Saloon (F69_)	09/98 - 01/05	X 16 XEL, Z 16 XE	74	550052 550129	550053	550054	550140 550141	550146	
	G Coupe (F07_)	03/00 - 05/05	Z 16 XEP	76				550140 550141		
1.6 CNG	G Estate (F35_)	03/03 - 07/04	Z 16 YNG	71				550141		
1.6 i	F (56_, 57_)	05/93 - 07/96	X 16 SZ	52	550050			550140	550145	
	F Convertible (53_B)	03/93 - 08/96	X 16 SZ	52	550050			550140	550145	
	F Estate (51_, 52_)	05/93 - 07/96	X 16 SZ	52	550050			550140	550145	
	F Hatchback (53_, 54_, 58_, 59_)	05/93 - 07/96	X 16 SZ	52	550050			550140	550145	
	F Van (55_)	02/93 - 07/96	X 16 SZ	52	550050				550145	
	F (56_, 57_)	03/92 - 09/98	C 16 NZ	55				550140	550145	
	F (56_, 57_)	08/96 - 09/98	X 16 SZR	55	550050		550054	550140	550145	
	F Convertible (53_B)	01/96 - 03/01	X 16 SZR	55	550050		550054	550140	550145	
	F Estate (51_, 52_)	09/91 - 01/98	C 16 NZ, X 16 SZR	55				550140	550145	
	F Hatchback (53_, 54_, 58_, 59_)	09/91 - 01/98	C 16 NZ, X 16 SZR	55				550140	550145	
	F Van (55_)	10/91 - 04/93	C 16 NZ	55				550140	550145	
1.6 i 16V	F (56_, 57_)	08/94 - 09/98	X 16 XEL	74	550077 550577		550054	550140	550146	
	F Estate (51_, 52_)	08/94 - 01/98	X 16 XEL	74	550077 550577		550054	550140	550146	

OPEL

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

OPEL

	F Hatchback (53_, 54_, 58_, 59_)	08/94 - 01/98	X 16 XEL	74	550077 550577		550054	550140	550146	
1.6 Si	F (56_, 57_)	05/92 - 12/94	C 16 SE	74	550050			550140	550146	
	F Estate (51_, 52_)	03/92 - 12/94	C 16 SE	74	550050				550146	
	F Hatchback (53_, 54_, 58_, 59_)	03/92 - 12/94	C 16 SE	74	550050			550140	550146	
1.6 Turbo	H	02/07 -	Z 16 LET	132		550292	550305	550364 550367		
	H Estate	02/07 -	Z 16 LET	132		550292	550305	550364 550367		
	H GTC	02/07 -	Z 16 LET	132		550292		550364 550367		
	H TwinTop	02/07 -	Z 16 LET	132		550292		550364 550367		
	J	12/09 -	A 16 LET	132			550615	550493		
	Sports Tourer (J)	10/10 -	A 16 LET	132			550615	550493		
1.7 CDTI	G Estate (F35_)	04/03 - 07/09	Z 17 DTL	59	550554	550128				
	G Hatchback (F48_, F08_)	04/03 - 01/05	Z 17 DTL	59	550554	550128				
	G Saloon (F69_)	04/03 - 01/05	Z 17 DTL	59	550554	550128				
	H	03/04 -	Z 17 DTL	59	550554	550128				
	H Estate	08/04 -	Z 17 DTL	59	550554	550128				
	H GTC	03/05 -	Z 17 DTL	59	550554					
	H	03/04 -	Z 17 DTH	74	550554	550128				
	H Estate	08/04 -	Z 17 DTH	74	550554	550128				
1.7 CDTI	H GTC	03/05 -	Z 17 DTH	74	550554	550128				
1.7 CDTI	H Van	03/04 -	Z 17 DTH	74	550554					
	J	12/09 -	A 17 DTF, A 17 DTS	96		550613				
	Sports Tourer (J)	10/10 -	A 17 DTF, A 17 DTS	96		550613				
1.7 D	F Van (55_)	07/92 - 01/99	17 DR	44					550145	
1.7 DTI 16V	G Estate (F35_)	02/00 - 07/04	Y 17 DT	55	550126					
	G Hatchback (F48_, F08_)	02/00 - 01/05	Y 17 DT	55	550126					
	G Saloon (F69_)	02/00 - 01/05	Y 17 DT	55	550126					
1.7 TD	G Box (F70)	01/99 - 04/05	X 17 DTL	50	550063					
	G Estate (F35_)	02/98 - 08/00	X 17 DTL	50	550063					
	G Hatchback (F48_, F08_)	02/98 - 08/00	X 17 DTL	50	550063					
	G Saloon (F69_)	09/98 - 08/00	X 17 DTL	50	550063					
1.8	H	03/04 -	Z 18 XE	92	550197	550059				
	H Estate	08/04 -	Z 18 XE	92	550197	550059				
	H	01/06 -	Z 18 XER	103		550574				
	H Estate	08/05 -	Z 18 XER	103		550574				
	H GTC	01/06 -	Z 18 XER	103		550574				
1.8	H TwinTop	09/05 -	Z 18 XER	103		550574				
1.8 16V	G Coupe (F07_)	03/00 - 10/00	X 18 XE1	85	550078	550059	550198			
	G Estate (F35_)	02/98 - 09/00	X 18 XE1	85	550078	550059	550198			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	G Hatchback (F48_, F08_)	02/98 - 09/00	X 18 XE1	85	550078	550059	550198			
	G Saloon (F69_)	09/98 - 09/00	X 18 XE1	85	550078	550059	550198			
	G Convertible	03/01 - 10/05	Z 18 XE	92	550197	550059	550212			
	G Coupe (F07_)	09/00 - 05/05	Z 18 XE	92	550197	550059	550212			
	G Estate (F35_)	09/00 - 07/04	Z 18 XE	92	550197	550059	550212			
	G Hatchback (F48_, F08_)	09/00 - 01/05	Z 18 XE	92	550197	550059	550212			
	G Saloon (F69_)	09/00 - 01/05	Z 18 XE	92	550197	550059	550212			
1.8 i	F (56_, 57_)	03/92 - 09/98	C 18 NZ	66	550068 550581			550140	550145	
	F Estate (51_, 52_)	09/91 - 01/98	C 18 NZ	66	550068 550581			550140	550145	
	F Hatchback (53_, 54_, 58_, 59_)	09/91 - 01/98	C 18 NZ	66	550068 550581			550140	550145	
1.8 i 16V	F (56_, 57_)	11/94 - 09/98	C 18 XEL, X 18 XE	85	550073 550076	550060 550201	550154			550144
	F Convertible (53_B)	11/94 - 03/01	C 18 XEL, X 18 XE	85	550050 550076	550060 550201	550154			550144
	F Estate (51_, 52_)	07/94 - 01/98	C 18 XEL, X 18 XE	85	550073 550076	550060 550201	550154			550144
	F Hatchback (53_, 54_, 58_, 59_)	09/94 - 01/98	C 18 XEL, X 18 XE	85	550073 550076	550060	550154			550144
	F (56_, 57_)	06/93 - 10/94	C 18 XE	92	550073 550076	550060 550201	550154	550140	550144	
	F Estate (51_, 52_)	06/93 - 01/98	C 18 XE	92	550073 550076	550060 550201	550154	550140	550144	
	F Hatchback (53_, 54_, 58_, 59_)	06/93 - 08/94	C 18 XE	92	550073 550076	550060 550201	550154	550140	550144	
1.9 CDTi	H	09/05 -	Z 19 DTL	74	550268	550001 550057				
	H Estate	09/05 -	Z 19 DTL	74	550268	550001 550057				
	H GTC	01/06 -	Z 19 DTL	74	550268					
	H	06/04 -	Z 19 DT	88				550271		
	H Estate	09/05 -	Z 19 DT	88				550271		
	H GTC	09/05 -	Z 19 DT	88				550271		
	H	09/04 -	Z 19 DTH	110		550001		550271		
	H Estate	09/04 -	Z 19 DTH	110		550001		550271		
1.9 CDTi	H GTC	03/05 -	Z 19 DTH	110		550001		550271		
	H TwinTop	09/05 -	Z 19 DTH	110		550001		550271		
1.9 CDTi 16V	H	04/04 -	Z 19 DTJ	88		550001		550271		
	H Estate	08/04 -	Z 19 DTJ	88		550001		550271		
1.9 CDTi 16V	H GTC	03/05 -	Z 19 DTJ	88		550001		550271		
2.0 16V	G Estate (F35_)	02/98 - 07/04	X 20 XEV	100		550201 550247	550154			550301
	G Hatchback (F48_, F08_)	02/98 - 01/05	X 20 XEV	100		550201 550247	550154			550301

OPEL

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	G Saloon (F69_)	09/98 - 01/05	X 20 XEV	100		550201 550247	550154		550301	
2.0 16V OPC	G Hatchback (F48_, F08_)	11/99 - 09/02	X 20 XER	118		550247			550301	
2.0 16V Turbo	G Coupe (F07_)	09/00 - 08/01	Z 20 LET	140	550225				550301	
	G Coupe (F07_)	08/01 - 05/05	Z 20 LET	141	550225				550301	
	G Convertible	11/02 - 10/05	Z 20 LER, Z 20 LET	147	550225				550301	
	G Coupe (F07_)	11/02 - 05/05	Z 20 LET	147	550225				550301	
2.0 DI	G Box (F70)	01/99 - 04/05	X 20 DTL	60	550192					
	G Estate (F35_)	02/98 - 07/04	X 20 DTL, Y 20 DTL	60	550192					
	G Hatchback (F48_, F08_)	02/98 - 01/05	X 20 DTL, Y 20 DTL	60	550192					
	G Saloon (F69_)	09/98 - 01/05	X 20 DTL, Y 20 DTL	60	550192					
2.0 DTI 16V	G Estate (F35_)	08/99 - 07/04	X 20 DTH, Y 20 DTH	74	550192			550266		
	G Hatchback (F48_, F08_)	08/99 - 01/05	X 20 DTH, Y 20 DTH	74	550192			550266		
	G Saloon (F69_)	08/99 - 01/05	X 20 DTH, Y 20 DTH	74	550192			550266		
2.0 GSI 16V	F Hatchback (53_, 54_, 58_, 59_)	09/91 - 01/98	C 20 XE	110	550068	550466	550199			
2.0 i	F (56_, 57_)	03/92 - 09/98	C 20 NE	85	550068 550581				550144	
	F Convertible (53_B)	03/93 - 10/94	C 20 NE	85	550068 550581				550144	
	F Estate (51_, 52_)	09/91 - 07/94	C 20 NE	85	550068 550581				550144	
	F Hatchback (53_, 54_, 58_, 59_)	09/91 - 01/98	C 20 NE	85	550068 550581				550144	
2.0 i 16V	F (56_, 57_)	02/95 - 09/98	X 20 XEV	100	550073 550076	550060 550201	550154		550144	
	F Estate (51_, 52_)	02/95 - 01/98	X 20 XEV	100	550073 550076	550060 550201	550154		550144	
	F Hatchback (53_, 54_, 58_, 59_)	02/95 - 01/98	X 20 XEV	100	550073 550076	550060 550201	550154		550144	
	F Estate (51_, 52_)	03/93 - 01/98	C 20 XE	110	550068	550466	550199			
2.0 OPC	G Convertible	03/02 - 10/05	Z 20 LET	141	550225				550301	
	G Estate (F35_)	09/02 - 07/04	Z 20 LET	141	550225			550364 550367		
	G Hatchback (F48_, F08_)	09/02 - 01/05	Z 20 LET	141	550225			550364 550367		
	G Estate (F35_)	11/02 - 07/04	Z 20 LET	147	550225			550364 550367		
	G Hatchback (F48_, F08_)	11/02 - 01/05	Z 20 LET	147	550225			550364 550367		
2.0 Turbo	H	03/04 -	Z 20 LEL	125	550225			550239 550364		
	H Estate	08/04 -	Z 20 LEL	125	550225			550239 550364		
2.0 Turbo	H GTC	03/05 -	Z 20 LEL	125	550225			550239 550364		
	H TwinTop	09/05 -	Z 20 LEL	125	550225			550239 550364		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	H	09/04 -	Z 20 LER	147	550225			550239 550364		
	H Estate	09/04 -	Z 20 LER	147	550225			550239 550364		
	H GTC	03/05 -	Z 20 LER	147	550225			550239 550364		
	H TwinTop	09/05 -	Z 20 LER	147	550225			550239 550364		
	H	03/05 -	Z 20 LEH	177	550225			550239 550364		
	H GTC	08/05 -	Z 20 LEH	177	550225			550364		
2.2 16V	G Convertible	03/01 - 10/05	Z 22 SE	108	550571			550141		
	G Coupe (F07_)	09/00 - 05/05	Z 22 SE	108	550571			550141		
	G Estate (F35_)	03/01 - 07/04	Z 22 SE	108	550571			550141		
	G Hatchback (F48_, F08_)	03/01 - 01/05	Z 22 SE	108	550571			550141		
	G Saloon (F69_)	03/01 - 01/05	Z 22 SE	108	550571			550141		
2.2 DTI	G Convertible	09/02 - 10/05	Y 22 DTR	92	550192			550271		
	G Coupe (F07_)	09/02 - 05/05	Y 22 DTR	92	550192			550271		
	G Estate (F35_)	09/02 - 07/04	Y 22 DTR	92	550192			550271		
	G Hatchback (F48_, F08_)	09/02 - 01/05	Y 22 DTR	92	550192			550271		
	G Saloon (F69_)	09/02 - 01/05	Y 22 DTR	92	550192			550271		

ASTRA F CLASSIC

01/98 - 01/05

1.4 i	Estate	01/98 - 01/05	X 14 NZ	44				550140	550145	
	Hatchback	01/98 - 08/02	X 14 NZ	44				550140	550145	
	Saloon	01/98 - 08/02	X 14 NZ	44				550140	550145	
1.6 i	Estate	01/98 - 01/05	X 16 SZR	55	550050		550054		550145	
	Hatchback	01/98 - 08/02	X 16 SZR	55			550054	550140	550145	
	Saloon	01/98 - 08/02	X 16 SZR	55	550050		550054	550140	550145	
1.6 i 16V	Estate	01/98 - 01/05	X 16 XEL	74	550577		550054	550140	550146	
	Hatchback	01/98 - 08/02	X 16 XEL	74	550577		550054	550140	550146	
	Saloon	01/98 - 08/02	X 16 XEL	74	550577		550054	550140	550146	

ASTRA GTC

10/11 -

1.4	J	10/11 -	A 14 NEL	88				550493		
	J	10/11 -	A 14 NET	103				550493		
1.6	J	10/11 -	A 16 LET	132				550493		

ASTRA H

02/07 -

	Saloon	02/07 -	Z 16 XER	85		550574				
1.8	Saloon	02/07 -	Z 18 XER	103		550574				

CALIBRA

06/90 - 07/97

2.0 i	A (85_)	06/90 - 07/97	C 20 NE	85	550068					
2.0 i 16V	A (85_)	02/94 - 07/97	X 20 XEV	100	550073 550076	550060 550201	550154			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	A (85_)	06/90 - 02/94	C 20 XE	110	550068	550466	550199			
2.0 i 16V 4x4	A (85_)	02/94 - 07/97	X 20 XEV	100	550073 550076	550060 550201	550154			
	A (85_)	06/90 - 02/94	C 20 XE	110		550466	550199			
2.0 i 4x4	A (85_)	06/90 - 07/97	C 20 NE	85	550068					
2.0 i Turbo 4x4	A (85_)	03/92 - 07/97	C 20 LET	150	550068		550199			550587
2.5 i V6	A (85_)	04/93 - 07/97	C 25 XE, X 25 XE	125		550465				

COMBO 07/94 -

1.3 CDTI 16V	Box Body / Estate	08/05 -	Z 13 DT	51				550097		
	Tour	10/04 -	Z 13 DT	51				550097		
	Box Body / Estate	10/05 -	Z 13 DTJ	55				550097		
	Tour	10/05 -	Z 13 DTJ	55				550097		
1.4	(71_)	07/94 - 10/01	C 14 NZ, X 14 SZ	44				550140		
	Tour	10/04 -	Z 14 XEP	66	550061	550084 550292	550305			
1.4 16V	(71_)	08/99 - 10/01	X 14 XE	66	550577					
	Box Body / Estate	08/05 -	Z 14 XEP	66	550061	550084 550292	550305			

CORSA 09/82 -

1.0	C (F08, F68)	09/00 -	Z 10 XE	43	550061	550084				
	C (F08, F68)	06/03 -	Z 10 XEP	44	550061	550084 550292	550305			
	D	07/06 -	Z 10 XEP	44			550305 550615			
	D Van	07/06 -	A 10 XEP	44			550615			
	D	01/10 -	A 10 XEP	48			550615			
	D Van	01/10 -	A 10 XEP	48			550615			
1.0 i 12V	B (73_, 78_, 79_)	11/96 - 09/00	X 10 XE	40		550084		550301		
1.2	D	06/10 -	A 12 XEL	51		550613	550615			
	D Van	06/10 -	A 12 XEL	51		550613				
	C (F08, F68)	09/00 -	Z 12 XE	55	550061	550084				
	C Box (F08, W5L)	07/05 -	Z 12 XEP	59		550292	550305			
	D	07/06 -	Z 12 XEP	59			550305 550615			
	D	06/10 -	A 12 XER	63		550613	550615			
	D Van	06/10 -	A 12 XER	63		550613				
1.2 16V	C Box (F08, W5L)	09/00 -	Z 12 XE	55	550061	550084				
1.2 i	A Hatchback (93_, 94_, 98_, 99_)	09/89 - 03/93	C 12 NZ	33				550140	550145	
	A TR (91_, 92_, 96_, 97_)	09/89 - 03/93	C 12 NZ	33				550140		
1.2 i	B (73_, 78_, 79_)	03/93 - 09/00	C 12 NZ, X 12 SZ	33	550050			550140		
	B (73_, 78_, 79_)	03/93 - 09/00	12 NZ	33				550140		
1.2 i 16V	B (73_, 78_, 79_)	03/98 - 09/00	X 12 XE	48	550061	550084			550301	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.2 LPG	D	09/09 -	Z 12 XEP	59			550615			
	D	06/11 -	A 12 XER	61		550613	550615			
	D	08/11 -	A 12 XER	63		550613	550615			
1.2 Twinport	C (F08, F68)	07/04 -	Z 12 XEP	59	550061	550084 550292	550305			
1.3	A Box	02/86 - 04/89	13 NB	44				550140		
	A Hatchback (93_, 94_, 98_, 99_)	09/85 - 10/89	13 NB	44				550140		
	A TR (91_, 92_, 96_, 97_)	09/85 - 10/87	13 NB	44				550140		
	A Box	02/86 - 04/89	13 SB	51				550140		
1.3 CDTI	C (F08, F68)	06/03 -	Z 13 DT	51	550003	550002		550097		
	D	07/06 -	Z 13 DTJ	55	550003			550097		
	D	07/06 -	Z 13 DTH	66	550003			550097 550271		
1.3 CDTI 16V	C Box (F08, W5L)	08/05 -	Z 13 DT	51	550003			550097		
1.3 GL	A Hatchback (93_, 94_, 98_, 99_)	09/82 - 03/93	13 S	55				550140		
	A TR (91_, 92_, 96_, 97_)	09/82 - 03/93	13 S	55				550140		
1.3 i	A Hatchback (93_, 94_, 98_, 99_)	09/86 - 09/90	C 13 N	44				550140	550145	
1.3 S	A Hatchback (93_, 94_, 98_, 99_)	09/82 - 10/89	13 SB	51				550140		
	A TR (91_, 92_, 96_, 97_)	09/82 - 10/87	13 SB	51				550140		
1.4	D	09/09 -	A 14 XEL	64		550613	550615			
	C (F08, F68)	09/00 -	Z 14 XE	66	550052	550053	550054	550141		
	D	07/06 -	Z 14 XEP	66			550615			
	D	06/10 -	A 14 XER	74		550613	550615			
1.4 i	A Hatchback (93_, 94_, 98_, 99_)	01/85 - 03/93	C 14 NZ	40				550140		
	A Hatchback (93_, 94_, 98_, 99_)	01/90 - 03/93	C 14 NZ	44				550140	550145	
	A TR (91_, 92_, 96_, 97_)	10/89 - 03/93	C 14 NZ	44				550140		
	B (73_, 78_, 79_)	03/93 - 09/00	C 14 NZ, X 14 SZ	44	550050		550054	550140	550145	
	B Box (73_)	08/99 - 09/00	X 14 SZ	44	550050		550054	550140		
1.4 i 16V	B (73_, 78_, 79_)	08/97 - 09/00	C 14 SEL	63	550577			550140		
	B (73_, 78_, 79_)	09/94 - 09/00	X 14 XE	66	550077 550577		550054	550140	550146	
	B Estate (F35)	01/99 -	X 14 XE	66	550577					
	B (73_, 78_, 79_)	09/94 - 09/00	X 14 XE	67	550577					
1.4 LPG	D	09/09 -	A 14 XEL	64		550613	550615			
	D	07/06 -	Z 14 XEP	66			550305 550615			
1.4 S	A Hatchback (93_, 94_, 98_, 99_)	01/90 - 03/93	14 NV	53				550140		
	A TR (91_, 92_, 96_, 97_)	09/89 - 03/93	14 NV	53				550140		
1.4 Si	A Hatchback (93_, 94_, 98_, 99_)	09/91 - 03/93	C 14 SE	60	550050 550577			550140		
	B (73_, 78_, 79_)	03/93 - 09/00	C 14 SE	60	550050 550577			550140	550146	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 Twinport	C (F08, F68)	06/03 -	Z 14 XEP	66	550061	550084 550292	550305			
1.6 GSI 16V	B (73_, 78_, 79_)	03/93 - 09/00	C 16 XE	80	550077 550577		550054		550146	
1.6 GSI CAT	A Hatchback (93_, 94_, 98_, 99_)	02/92 - 03/93	C 16 SE	74	550050					
1.6 i 16V	B (73_, 78_, 79_)	08/97 - 09/00	C 16 SEL	74	550577					
	B (73_, 78_, 79_)	09/94 - 09/00	X 16 XE	78	550077 550577		550054	550140	550146	
1.6 Turbo	D	02/07 -	Z 16 LEL	110		550292	550305	550364		
	D	02/07 -	Z 16 LER	141		550292	550305	550364		
1.7 CDTI	D	06/10 -	A 17 DTS	96		550613				
1.7 DI	C (F08, F68)	09/00 -	Y 17 DTL	48	550126					
1.7 DI 16V	C Box (F08, W5L)	09/00 -	Y 17 DTL	48	550126					
1.7 DTI	C (F08, F68)	09/00 -	Y 17 DT	55	550126					
1.7 DTI 16V	C Box (F08, W5L)	09/00 -	Y 17 DT	55	550126					
1.8	C (F08, F68)	09/00 -	Z 18 XE	92	550197	550059	550212			

FRONTERA 03/92 -

2.0 i	A Sport (5_SUD2)	03/92 - 10/98	C 20 NE, X 20 SE	85	550068		550286		550144	
2.2 DTI	B (6B_)	10/98 - 09/02	X 22 DTH, Y 22 DTH	85	550192			550367		
	B (6B_)	09/02 -	Y 22 DTH	88	550192			550367		
2.2 i	A (5_MWL4)	03/95 - 10/98	X 22 XE	100	550068		550286		550146	
	B (6B_)	10/98 -	X 22 SE, Y 22 SE	100		550153	550054	550141		
3.2 i	B (6B_)	10/98 -	6 VD1, Y 32 NE	151				550141		

INSIGNIA 07/08 -

1.4		04/11 -	A 14 NET	103	550614	550613	550615	550493		
	Saloon	04/11 -	A 14 NET	103	550614	550613	550615	550493		
	Sports Tourer	09/11 -	A 14 NET	103	550614	550613	550615	550493		
1.6		07/08 -	A 16 XER	85			550305			
	Saloon	07/08 -	A 16 XER	85			550305			
1.6 Turbo		07/08 -	A 16 LET	132			550615			
	Saloon	01/09 -	A 16 LET	132			550615			
	Sports Tourer	01/09 -	A 16 LET	132			550615			
2.8 V6 Turbo 4x4		07/08 -	A 28 NET	191				550364		
	Saloon	07/08 -	A 28 NET	191				550364		
	Sports Tourer	10/08 -	A 28 NET	191				550364		

KADETT 08/84 - 07/94

1.3 i CAT	E (39_, 49_)	09/85 - 08/91	C 13 N	44				550140	550145	
1.3 i CAT	E Estate (35_, 36_, 45_, 46_)	09/85 - 08/91	C 13 N	44				550140	550145	
	E Hatchback (33_, 34_, 43_, 44_)	09/85 - 08/91	C 13 N	44				550140	550145	
1.4 i	E (39_, 49_)	01/90 - 08/91	C 14 NZ	44				550140	550145	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	E Box (37_, 47_)	01/90 - 08/91	C 14 NZ	44				550140	550145
	E Combo (38_, 48_)	08/91 - 07/94	C 14 NZ	44				550140	550145
	E Convertible (43B_)	01/90 - 08/91	C 14 NZ	44				550140	550145
	E Estate (35_, 36_, 45_, 46_)	01/90 - 08/91	C 14 NZ	44				550140	550145
	E Hatchback (33_, 34_, 43_, 44_)	01/90 - 08/91	C 14 NZ	44				550140	550145
1.6	E Combo (38_, 48_)	09/86 - 12/91	16 SV	60				550140	
	E Estate (35_, 36_, 45_, 46_)	09/86 - 08/91	16 SV	60				550140	
1.6 i	E (39_, 49_)	09/86 - 08/91	E 16 NZ	55				550140	
	E Box (37_, 47_)	08/89 - 09/93	C 16 NZ	55				550140	550145
	E Combo (38_, 48_)	08/91 - 07/94	C 16 NZ	55				550140	550145
	E Convertible (43B_)	10/86 - 02/93	E 16 NZ	55				550140	
	E Estate (35_, 36_, 45_, 46_)	09/86 - 08/91	E 16 NZ	55				550140	
	E Hatchback (33_, 34_, 43_, 44_)	09/86 - 08/91	E 16 NZ	55				550140	
	E Convertible (43B_)	07/89 - 02/93	16 SV	60				550140	
1.6 i CAT	E (39_, 49_)	09/86 - 08/91	C 16 LZ, C 16 NZ	55				550140	550145
	E Convertible (43B_)	10/87 - 02/93	C 16 LZ, C 16 NZ	55				550140	550145
	E Estate (35_, 36_, 45_, 46_)	09/86 - 08/91	C 16 LZ, C 16 NZ	55				550140	550145
	E Hatchback (33_, 34_, 43_, 44_)	09/86 - 08/91	C 16 LZ, C 16 NZ	55				550140	550145
1.6 S	E (39_, 49_)	09/86 - 08/91	16 SV	60				550140	
	E Hatchback (33_, 34_, 43_, 44_)	09/86 - 08/91	16 SV	60				550140	
	E (39_, 49_)	09/84 - 08/86	16 SH	66				550140	
	E Estate (35_, 36_, 45_, 46_)	09/84 - 08/86	16 SH	66				550140	
	E Hatchback (33_, 34_, 43_, 44_)	09/84 - 08/86	16 SH	66				550140	
1.8 GSI	E Hatchback (33_, 34_, 43_, 44_)	09/84 - 08/86	18 E	85	550068				
1.8 i	E (39_, 49_)	09/90 - 08/91	C 18 NT, C 18 NZ	66	550068				550145
	E Box (37_, 47_)	08/84 - 09/92	C 18 NT	66					550145
	E Estate (35_, 36_, 45_, 46_)	06/85 - 08/91	C 18 NT, C 18 NZ	66	550068				550145
	E Hatchback (33_, 34_, 43_, 44_)	06/85 - 08/91	C 18 NT, C 18 NZ, S 18 NV	66	550068				550145
	E (39_, 49_)	09/84 - 08/86	18 E	85	550068				
	E Estate (35_, 36_, 45_, 46_)	09/84 - 08/86	18 E	85	550068				
1.8 S	E (39_, 49_)	09/87 - 08/91	E 18 NV	62	550068				
	E Estate (35_, 36_, 45_, 46_)	09/87 - 08/91	E 18 NV	62	550068				
	E Hatchback (33_, 34_, 43_, 44_)	09/87 - 08/91	E 18 NV, S 18 NV	62	550068				
2.0 GSI	E Hatchback (33_, 34_, 43_, 44_)	09/86 - 08/91	20 NE	85	550068				
	E Hatchback (33_, 34_, 43_, 44_)	09/86 - 08/91	20 SEH	95	550068				
2.0 GSI 16V	E Hatchback (33_, 34_, 43_, 44_)	03/88 - 08/91	20 XEJ	110			550199		
	E Hatchback (33_, 34_, 43_, 44_)	12/87 - 08/91	20 XE	115	550068		550199		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS**

2.0 GSI 16V CAT	E Hatchback (33_, 34_, 43_, 44_)	03/88 - 08/91	C 20 XE	110	550068		550199			
2.0 GSI CAT	E Hatchback (33_, 34_, 43_, 44_)	09/86 - 08/91	C 20 NE	85	550068					
2.0 i	E (39_, 49_)	03/87 - 08/91	20 NE	85	550068					
	E Convertible (43B_)	10/86 - 02/93	20 NE	85	550068					
	E Estate (35_, 36_, 45_, 46_)	09/87 - 08/91	20 NE	85	550068					
2.0 i CAT	E (39_, 49_)	03/87 - 08/91	C 20 NE	85	550068					
	E Convertible (43B_)	10/86 - 02/93	C 20 NE	85	550068					
	E Estate (35_, 36_, 45_, 46_)	09/87 - 08/91	C 20 NE	85	550068					

MERIVA 05/03 -

1.3 CDTI		04/05 - 05/10	Z 13 DT	51	550003					
		09/03 - 05/10	Z 13 DTJ	55	550003					
1.4	B	06/10 -	A 14 XER	74		550613	550615			
	B	06/10 -	A 14 NEL	88	550614	550613	550615	550493		
	B	06/10 -	A 14 NET	103	550614	550613	550615	550493		
1.4 16V Twinport		07/04 - 05/10	Z 14 XEP	66	550061	550084 550292	550305			
1.4 LPG	B	06/11 -	A 14 NEL	88	550614	550613	550615	550493		
1.6		05/03 - 05/10	Z 16 SE	64		550281		550141		
1.6 16V		05/03 - 05/10	Z 16 XE	74				550141		
1.6 Turbo		09/05 - 05/10	Z 16 LET	132		550292	550305	550239		
1.7 CDTI	B	06/10 -	A 17 DT	74		550613				
	B	06/10 -	A 17 DTS	96		550613				
1.7 DTI		09/03 - 05/10	Y 17 DT	55	550126			550141		
1.8		05/03 - 05/10	Z 18 XE	92	550197	550059				

MONTEREY 07/98 - 08/99

3.5 V6 24V	B	07/98 - 08/99	6 VE1	158				550141		
------------	---	---------------	-------	-----	--	--	--	--------	--	--

MOVANO 07/98 -

1.9 DTI	Box (F9)	09/00 - 10/01	F9Q 770	59	550139					
	Combi (J9)	09/00 - 10/01	F9Q 770	59	550139					
	Box (F9)	10/01 -	F9Q 774	60	550139					
	Combi (J9)	10/01 -	F9Q 774	60	550139					

OMEGA 09/86 - 07/03

1.8	A (16_, 17_, 19_)	09/87 - 03/94	E 18 NVR	65	550068					
	A Estate (66_, 67_)	09/87 - 03/94	E 18 NVR	65	550068					
	A (16_, 17_, 19_)	09/86 - 03/94	18 SEH	85	550068					
	A Estate (66_, 67_)	09/86 - 03/94	18 SEH	85	550068					
1.8 N	A (16_, 17_, 19_)	09/86 - 08/87	18 NV	60	550068					
1.8 N	A Estate (66_, 67_)	09/86 - 08/87	18 NV	60	550068					
1.8 S	A (16_, 17_, 19_)	09/86 - 03/94	18 SV	66	550068			550140		

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	A Estate (66_, 67_)	09/86 - 03/94	18 SV	66	550068			550140		
2.0	B (25_, 26_, 27_)	03/94 - 09/99	X 20 SE	85	550581		550199		550144	
	B (25_, 26_, 27_)	03/94 - 12/00	20 SE	85	550581				550144	
	B Estate (21_, 22_, 23_)	03/94 - 09/99	X 20 SE	85	550581		550199		550144	
	A (16_, 17_, 19_)	09/86 - 03/94	20 SE	90	550068 550581					
	A Estate (66_, 67_)	09/86 - 03/94	20 SE	90	550068 550581					
2.0 16V	B (25_, 26_, 27_)	03/94 - 09/99	X 20 XEV	100	550073 550076	550060	550154		550144	
	B Estate (21_, 22_, 23_)	03/94 - 09/99	X 20 XEV	100	550076	550060	550154		550144	
2.0 DTI 16V	B (25_, 26_, 27_)	09/97 - 09/00	X 20 DTH	74	550192					
	B Estate (21_, 22_, 23_)	09/97 - 09/00	X 20 DTH	74	550192					
2.0 i	A (16_, 17_, 19_)	09/86 - 03/94	C 20 NE	85	550068					
	A Estate (66_, 67_)	09/86 - 03/94	C 20 NE	85	550068					
2.2 16V	B (25_, 26_, 27_)	09/99 - 07/03	Y 22 XE, Z 22 XE	106	550580	550247				
	B Estate (21_, 22_, 23_)	09/99 - 07/03	Y 22 XE, Z 22 XE	106	550580	550247				
2.2 DTI 16V	B (25_, 26_, 27_)	09/00 - 07/03	Y 22 DTH	88	550192					
	B Estate (21_, 22_, 23_)	09/00 - 07/03	Y 22 DTH	88	550192					
2.5 V6	B (25_, 26_, 27_)	03/94 - 09/00	X 25 XE	125	550234	550465	550174		550144 550301	
	B Estate (21_, 22_, 23_)	03/94 - 09/00	X 25 XE	125	550234	550465	550174		550144 550301	
2.6 V6	B (25_, 26_, 27_)	09/00 - 07/03	Y 26 SE	132					550144	
	B Estate (21_, 22_, 23_)	09/00 - 07/03	Y 26 SE	132					550144	
3.0 24V	A (16_, 17_, 19_)	09/89 - 03/94	C 30 SEJ	147	550577		550199			
	A Estate (66_, 67_)	09/89 - 03/94	C 30 SEJ	147	550577		550199			
	A (16_, 17_, 19_)	09/89 - 03/94	C 30 SE	150	550077 550577		550199			
3.0 24V Evolution500	A (16_, 17_, 19_)	03/91 - 07/92	C 30 XEI	169	550577					
3.0 24V Omega 3000	A Estate (66_, 67_)	09/88 - 04/94	C 30 SE	150	550577					
3.0 V6	B (25_, 26_, 27_)	04/94 - 02/01	X 30 XE	155		550465	550174		550144 550301	
	B Estate (21_, 22_, 23_)	04/94 - 02/01	X 30 XE	155		550465	550174		550144 550301	
3.2 V6	B (25_, 26_, 27_)	02/01 - 07/03	Y 32 SE	160					550144	
	B Estate (21_, 22_, 23_)	02/01 - 07/03	Y 32 SE	160					550144	

SENATOR

09/87 - 09/93

3.0 24V	B (29_)	09/89 - 09/93	C 30 SE	150	550077		550199			
---------	---------	---------------	---------	-----	--------	--	--------	--	--	--

SIGNUM

05/03 -

1.8		05/03 -	Z 18 XE	90	550197	550059				
		09/05 -	Z 18 XER	103		550574				
1.9 CDTI		08/05 -	Z 19 DT	74	550268			550271		
		04/04 -	Z 19 DT	88	550268	550057		550271		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

		04/04 -	Z 19 DTH	110	550000	550001		550271		
2.0 DTI		05/03 -	Y 20 DTH	74	550192 550327					
2.2 direct		05/03 -	Z 22 YH	114	550571	550574		550141		
2.2 DTI		05/03 -	Y 22 DTR	92	550192					
2.8 V6 Turbo		09/05 -	Z 28 NEL	169				550364		
		01/06 -	Z 28 NET	184				550364		

SINTRA 11/96 - 04/99

2.2 DTI		07/97 - 04/99	X 22 DTH	85	550192					
2.2 i 16V		11/96 - 04/99	X 22 XE	104	550273		550174	550367	550144	
3.0 i 24V		11/96 - 04/99	X 30 XE	148			550174		550144	

SPEEDSTER 09/00 -

2.0 Turbo		04/03 -	Z 20 LET	147	550225			550364 550367		
2.2		09/00 -	Z 22 SE	108	550571			550141		

TIGRA 07/94 -

1.3 CDTI	TwinTop	06/04 -	Z 13 DT	51	550003	550002		550097		
1.4	TwinTop	06/04 -	Z 14 XEP	66	550061	550084 550292	550305			
1.4 16V	(95_)	08/97 - 12/00	X 14 XE	63	550577			550140		
	(95_)	07/94 - 12/00	X 14 XE	66	550077 550577		550054	550140	550146	
1.6 16V	(95_)	08/97 - 08/98	C 16 SEL	74	550577					
	(95_)	07/94 - 08/98	X 16 XE	78	550077 550577		550054	550140	550146	
1.8	TwinTop	06/04 -	Z 18 XE	92	550197	550059				

VECTRA 04/88 -

1.6	A (86_ 87_)	09/88 - 05/93	16 SV	60				550140	550146	
	C GTS	08/05 -	Z 16 XE	74				550141		
1.6 16V	C	06/04 -	Z 16 XE	74				550141		
	C Estate	06/04 -	Z 16 XE	74				550141		
1.6 i	A (86_ 87_)	09/93 - 11/95	X 16 SZ	52	550050			550140	550145	
	A Hatchback (88_ 89_)	09/93 - 11/95	X 16 SZ	52	550050			550140	550145	
	A (86_ 87_)	09/88 - 10/90	C 16 NZ	55				550140	550145	
	A (86_ 87_)	09/93 - 11/95	16 LZ2	55				550140		
	A Hatchback (88_ 89_)	09/93 - 11/95	16 LZ2	55				550140		
	B (36_)	10/95 - 04/02	X 16 SZR	55	550050		550054	550140	550146	
	B (36_)	10/95 - 04/02	16 LZ2	55				550140		
	B Estate (31_)	11/96 - 06/00	X 16 SZR	55	550050		550054	550140	550146	
1.6 i	B Estate (31_)	11/96 - 06/00	16 LZ2	55				550140		
	B Hatchback (38_)	10/95 - 07/03	X 16 SZR	55	550050		550054	550140	550146	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

Vehicle	Date	Engine	kW	CKP	CMP	KNS	MAP	TPS	OTHERS
B Hatchback (38_)	10/95 - 07/03	16 LZ2	55				550140		
1.6 i 16V	B (36_)	X 16 XEL, Y 16 XE, Z 16 XE	74	550052 550077 550078 550577	550053		550140 550141		
B Estate (31_)	11/96 - 07/02	X 16 XEL, Y 16 XE, Z 16 XE	74	550052 550077 550078 550577	550053		550140 550141		
B Hatchback (38_)	10/95 - 07/02	X 16 XEL, Y 16 XE, Z 16 XE	74	550052 550077 550078 550577	550053		550140 550141		
1.6 i CAT	A (86_, 87_)	C 16 NZ, C 16 NZ2	55	550068			550140	550145	
A Hatchback (88_, 89_)	09/88 - 11/95	C 16 NZ, C 16 NZ2	55	550068			550140	550145	
1.6 S	A Hatchback (88_, 89_)	16 SV	60				550140	550146	
1.8	C Estate	Z 18 XE	90	550197	550059				
C	01/06 -	Z 18 XER	103		550574				
C Estate	01/06 -	Z 18 XER	103		550574				
C GTS	01/06 -	Z 18 XER	103		550574				
1.8 16V	C	Z 18 XE	90	550197	550059				
C GTS	08/02 -	Z 18 XE	90		550059				
1.8 i	A Hatchback (88_, 89_)	18 SV	66	550068 550581			550140	550146	
1.8 i 16V	B (36_)	X 18 XE1	85	550073 550078	550059 550060	550154 550198		550144	
B Estate (31_)	11/96 - 09/00	X 18 XE1	85	550073 550078	550059 550060	550154 550198		550144	
B Hatchback (38_)	10/95 - 09/00	X 18 XE1	85	550073 550078	550059	550154 550198		550144	
B (36_)	09/00 - 04/02	Z 18 XE	92	550197		550212			
B Estate (31_)	09/00 - 07/03	Z 18 XE	92	550197	550059	550212			
B Hatchback (38_)	09/00 - 07/03	Z 18 XE	92	550197	550059	550212			
1.8 i CAT	A (86_, 87_)	C 18 NZ	66	550068 550581			550140	550145	
A Hatchback (88_, 89_)	03/90 - 11/95	C 18 NZ	66	550068 550581			550140	550145	
1.8 S	A (86_, 87_)	E 18 NVR	65	550068 550581			550140		
A Hatchback (88_, 89_)	09/88 - 07/89	E 18 NVR	65	550068 550581			550140		
A (86_, 87_)	09/89 - 10/90	18 SV	66	550068 550581			550140	550146	
1.8 S 4x4	A (86_, 87_)	E 18 NVR	65	550068 550581			550140		
1.9 CDTI	C	Z 19 DT	74	550268			550271		
1.9 CDTI	C Estate	Z 19 DTL	74	550268			550271		
C GTS	10/05 -	Z 19 DT	74	550268			550271		

OPEL

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS****OPEL**

	C	04/04 -	Z 19 DT	88	550268	550057		550271		
	C Estate	04/04 -	Z 19 DT	88	550268	550057		550271		
	C GTS	04/04 -	Z 19 DT	88	550268	550057		550271		
	C	04/04 -	Z 19 DTH	110	550000	550001		550271		
	C Estate	04/04 -	Z 19 DTH	110	550000	550001		550271		
	C GTS	04/04 -	Z 19 DTH	110	550000	550001		550271		
2.0	A (86_, 87_)	09/88 - 09/89	C 20 NEF	74	550581					
	A Hatchback (88_, 89_)	04/88 - 09/89	C 20 NEF	74	550581					
2.0 DI 16V	B (36_)	11/96 - 04/02	X 20 DTL	60	550192					
	B Estate (31_)	11/96 - 06/00	X 20 DTL	60	550192					
	B Hatchback (38_)	11/96 - 06/00	X 20 DTL	60	550192					
2.0 DTI	C Estate	10/03 -	Y 20 DTH	74	550192 550327					
2.0 DTI 16V	B (36_)	06/97 - 04/02	X 20 DTH, Y 20 DTH	74	550192			550266		
	B Estate (31_)	06/97 - 07/03	X 20 DTH, Y 20 DTH	74	550192			550266		
	B Hatchback (38_)	06/97 - 07/03	X 20 DTH, Y 20 DTH	74	550192			550266		
	C	04/02 -	Y 20 DTH	74	550192 550327					
	C GTS	08/02 -	Y 20 DTH	74	550192 550327					
2.0 i	B (36_)	10/95 - 04/02	20 NEJ	82	550581				550144	
	B Estate (31_)	11/96 - 02/02	20 NEJ	82	550581				550144	
	B Hatchback (38_)	10/95 - 02/02	20 NEJ	82	550581				550144	
	A (86_, 87_)	09/88 - 10/90	20 NE	85	550068 550581				550144	
	A Hatchback (88_, 89_)	09/88 - 10/90	20 NE	85	550068 550581				550144	
	A (86_, 87_)	09/88 - 09/92	20 SEH	95	550068					
2.0 i 16V	A (86_, 87_)	06/94 - 11/95	X 20 XEV	100	550076	550060	550154			
	A Hatchback (88_, 89_)	06/94 - 11/95	X 20 XEV	100	550076	550060	550154			
	B (36_)	10/95 - 09/00	C 20 SEL, X 20 XEV	100	550073	550060	550154		550144	
	B Estate (31_)	11/96 - 09/00	C 20 SEL, X 20 XEV	100	550073	550060	550154		550144	
	B Hatchback (38_)	10/95 - 09/00	C 20 SEL, X 20 XEV	100	550073	550060	550154		550144	
	A Hatchback (88_, 89_)	02/89 - 10/90	20 XEJ	110		550466	550174 550199			
2.0 i 16V 4x4	A (86_, 87_)	06/94 - 11/95	X 20 XEV	100			550154			
2.0 i 16V CAT	A Hatchback (88_, 89_)	02/90 - 11/95	C 20 XE	110	550068	550466	550174 550199			
2.0 i 4x4	A (86_, 87_)	01/89 - 10/90	20 NE	85	550068 550581				550144	
	A (86_, 87_)	01/89 - 09/92	20 SEH	95	550068					
2.0 i 4x4 CAT	A (86_, 87_)	01/89 - 11/95	C 20 NE	85	550068 550581				550144	
2.0 i CAT	A (86_, 87_)	09/88 - 11/95	C 20 NE	85	550068 550581				550144	

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

	A Hatchback (88_, 89_)	09/88 - 11/95	C 20 NE	85	550068 550581				550144	
2.0 i GT	A Hatchback (88_, 89_)	09/88 - 11/95	20 SEH	95	550068					
2.0 i Turbo 4x4	A (86_, 87_)	06/94 - 11/95	C 20 LET	150	550068		550174 550199			550587
2.2 16V	C	04/02 -	Z 22 SE	108	550571			550141		
	C GTS	08/02 -	Z 22 SE	108	550571			550141		
2.2 direct	C	10/03 -	Z 22 YH	114	550571	550574		550141		
	C Estate	10/03 -	Z 22 YH	114	550571	550574		550141		
	C GTS	10/03 -	Z 22 YH	114	550571	550574		550141		
2.2 DTI	C Estate	10/03 -	Y 22 DTR	92	550192 550327					
2.2 DTI 16V	B (36_)	09/00 - 04/02	Y 22 DTR	92	550192			550266		
	B Estate (31_)	09/00 - 07/03	Y 22 DTR	92	550192			550266		
	B Hatchback (38_)	09/00 - 07/03	Y 22 DTR	92	550192			550266		
	C	04/02 -	Y 22 DTR	92	550192 550327					
	C GTS	08/02 -	Y 22 DTR	92	550192 550327					
2.2 i 16V	B (36_)	09/00 - 04/02	Z 22 SE	108	550571			550141		
	B Estate (31_)	09/00 - 07/03	Z 22 SE	108	550571			550141		
	B Hatchback (38_)	09/00 - 07/03	Z 22 SE	108	550571			550141		
2.5	B Hatchback (38_)	10/99 - 06/00	X 25 XE	144						550301
2.5 i V6	B (36_)	10/95 - 09/00	X 25 XE	125			550174			550144 550301
	B Estate (31_)	11/96 - 09/00	X 25 XE	125			550174			550144 550301
	B Hatchback (38_)	10/95 - 09/00	X 25 XE	125			550174			550144 550301
2.5 V6	A (86_, 87_)	02/93 - 11/95	C 25 XE	125		550465	550174			
	A Hatchback (88_, 89_)	02/93 - 11/95	C 25 XE	125		550465	550174			
2.8 V6 Turbo	C	08/05 -	Z 28 NEL	169				550364		
	C Estate	08/05 -	Z 28 NEL	169				550364		
	C GTS	08/05 -	Z 28 NEL	169				550364		
	C	08/06 -	Z 28 NET	184				550364		
	C Estate	01/07 -	Z 28 NET	184				550364		
	C GTS	08/06 -	Z 28 NET	184				550364		
	C	08/05 -	Z 28 NET	188				550364		
	C Estate	08/05 -	Z 28 NET	188				550364		
	C GTS	08/05 -	Z 28 NET	188				550364		
	C Estate	01/07 -	Z 28 NET	206				550364		
	C GTS	08/06 -	Z 28 NET	206				550364		
2000 16V 4x4	A (86_, 87_)	01/89 - 10/90	20 XEJ	110		550466	550174 550199			
2000/GT 16V	A (86_, 87_)	01/89 - 06/94	20 XEJ	110		550466	550199			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2000/GT 16V 4x4 CAT	A (86_, 87_)	02/90 - 11/95	C 20 XE	110	550068	550466	550174 550199			
2000/GT 16V CAT	A (86_, 87_)	02/90 - 11/95	C 20 XE	110	550068	550466	550174 550199			
i 500 2.5	B (36_)	05/98 - 09/00	X 25 XE	143			550174		550301	
	B Estate (31_)	05/98 - 09/00	X 25 XE	143			550174		550301	

VIVARO 08/01 -

1.9 DI	Box (F7)	08/01 -	F9Q 762	60	550139					
	Combi (J7)	08/01 -	F9Q 774	60	550139					
1.9 DTI	Box (F7)	08/01 -	F9Q 760	74	550139					
	Combi (J7)	08/01 -	F9Q 760	74	550139					
2.0 16V	Box (F7)	08/01 -	F4R 720	88	550568			550141		
	Combi (J7)	08/01 -	F4R 720	88	550568			550141		
	Platform/Chassis (E7)	08/06 -	F4R 720	88	550568					
2.0 ECOTEC	Box (F7)	08/06 -	F4R 820	86	550568					
	Combi (J7)	08/06 -	F4R 820	86	550568					
	Platform/Chassis (E7)	08/06 -	F4R 820	86	550568					

ZAFIRA 04/99 -

1.4	(P12)	10/11 -	A 14 NEL	88	550614	550613	550615	550493		
	(P12)	10/11 -	A 14 NET	103	550614	550613	550615	550493		
1.6	(A05)	07/05 -	Z 16 XEP	77				550141		
	(A05)	01/08 -	Z 16 XER	85		550574				
1.6 16V	(F75_)	04/99 - 06/05	X 16 XEL, Z 16 XE	74	550129	550053	550054	550140 550141	550146	
1.6 CNG	(F75_)	09/01 - 06/05	Z 16 YNG	71				550141		
1.8	(A05)	07/05 -	Z 18 XEP, Z 18 XER	103		550574				
1.8 16V	(F75_)	04/99 - 09/00	X 18 XE1	85	550078	550059	550198			
	(F75_)	09/00 - 06/05	Z 18 XE	92	550197	550059	550212			
1.9 CDTI	(A05)	07/05 -	Z 19 DTL	74	550268	550057		550271		
	(A05)	07/05 -	Z 19 DT	88	550268	550057		550271		
	(A05)	07/05 -	Z 19 DTH	110	550000	550001		550271		
2.0	(A05)	07/05 -	Z 20 LER	147	550225			550239 550364		
	(A05)	01/06 -	Z 20 LEH	177	550225			550239 550364		
2.0 DI 16V	(F75_)	10/99 - 06/05	X 20 DTL	60	550192					
2.0 DTI 16V	(F75_)	09/00 - 06/05	Y 20 DTH	74	550192 550327			550266 550271		
2.0 OPC	(F75_)	09/01 - 06/05	Z 20 LET	141	550225			550364 550367		
2.0 OPC	(F75_)	11/02 - 06/05	Z 20 LER	147	550225			550364 550367		
2.2	(A05)	07/05 -	Z 22 YH	110	550571	550574		550141		
2.2 16V	(F75_)	09/00 - 06/05	Z 22 SE	108	550571			550141		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.2 DTI 16V	(F75_)	01/02 - 06/05	Y 22 DTR	92	550192					550271
-------------	--------	---------------	----------	----	--------	--	--	--	--	--------

PEUGEOT**1007 04/05 -**

1.4	(KM_)	04/05 -	KFV (TU3JP)	54	550015		550494	550133		
1.4 16V	(KM_)	10/05 -	KFU (ET3J4)	65	550015		550494			
1.4 HDi	(KM_)	04/05 -	8HX (DV4TD), 8HZ (DV4TD)	50	550014	550017				550383
1.6 16V	(KM_)	04/05 -	NFU (TU5JP4)	80	550015		550494	550133		
1.6 HDi	(KM_)	06/07 -	9HZ (DV6TED4)	80	550014 550471			550569		550383

106 08/91 -

1.0	I (1A, 1C)	09/91 - 04/96	TU9	33	550005 550007 550185					550048
	I (1A, 1C)	09/91 - 04/96	CDZ (TU9M)	37						550048
1.0 i	II (1)	05/96 -	CDY (TU9M)	33	550005 550007 550008					550047 550048
	II (1)	01/97 -	CDZ (TU9M)	37	550005 550007 550008					550047 550048
1.1	I (1A, 1C)	09/91 - 04/96	HDZ (TU1M)	44	550005 550007 550185			550080	550149	550048
1.1 i	II (1)	01/97 -	HDY (TU1M)	40	550005 550007 550008					550047 550048
	II (1)	05/96 -	HDZ (TU1M), HFX (TU1JP)	44	550005 550007 550008 550015		550045	550080 550133		550047 550048
1.3	I (1A, 1C)	10/93 - 04/96	TU2J2	72	550005 550007			550148	550270	550048
1.4	I (1A, 1C)	09/91 - 04/96	KDX (TU3MC), KDY (TU3M)	55	550005 550007				550149	550048
	I (1A, 1C)	09/91 - 04/96	KFZ (TU3J2/Z)	69					550144 550149	550048 550587
1.4 D	I (1A, 1C)	09/92 - 04/96	K9Y (TUD3Y)	37	550187					550048
1.4 i	II (1)	05/96 -	KFW (TU3JP), KFX (TU3JP)	55	550005 550007 550008 550009 550015 550115		550045 550424	550130 550131		550047 550048
1.5 D	I (1A, 1C)	06/94 - 04/96	VJY (TUD5)	40	550187					550048
1.5 D	II (1)	05/96 -	VJY (TUD5)	40	550187					550047 550048
	II (1)	10/00 -	VJX (TUD5)	42	550187					550048
	I (1A, 1C)	06/94 - 04/96	--	43						550048

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6	I (1A, 1C)	06/93 - 04/96	NFZ (TU5JP)	65	550005 550007 550185				550144 550149 550511	550048 550587
	I (1A, 1C)	01/94 - 04/96	NFY (TU5J2)	76	550005 550007 550185				550144 550149 550511	550048 550384 550587
1.6 i	II (1)	05/96 -	NFZ (TU5JP)	65	550005 550007 550008 550009				550144 550511	550047 550048 550384 550587
	II (1)	05/96 -	NFW (TU5J2), NFY (TU5J2)	74	550005 550007 550008			550148	550144 550511	550047 550048 550384 550587
1.6 S16	II (1)	05/96 -	NFX (TU5J4)	87	550005 550007 550008 550015		550045	550130 550131		550047 550048 550384

107 06/05 -

1.4 HDi		06/05 -	8HT (DV4TD)	40	550014 550471	550017				550383
---------	--	---------	-------------	----	------------------	--------	--	--	--	--------

205 02/83 - 09/98

1.0	II (20A/C)	10/87 - 09/98	TU9	33	550005 550007					
1.1	II (20A/C)	07/89 - 09/98	HDZ (TU1M)	44	550005 550007			550080	550149	
1.1 CJ	I Convertible (741B, 20D)	10/89 - 12/94	HDZ (TU1M)	44	550005 550007					
1.4	II (20A/C)	07/88 - 09/98	KDY (TU3M), KDZ (TU3M), KFX (TU3JP)	55	550005 550007					
1.4 CJ	I Convertible (741B, 20D)	05/91 - 12/94	KDY (TU3M), KDZ (TU3M)	55	550005 550007					
1.6	II (20A/C)	10/87 - 09/98	B1A (XU51C), BAZ (XU5CP)	55				550080		550384
	II (20A/C)	08/90 - 07/92	171 (XU5S)	66						550587
1.6 Aut.	II (20A/C)	05/90 - 09/98	BDY (XU5M2Z), BDY (XU5M3Z)	65				550080		550384 550587
1.6 CJ	I Convertible (741B, 20D)	08/92 - 12/94	BDY (XU5M3Z)	65					550238	550587
1.7 Diesel	II (20A/C)	07/87 - 09/98	161A (XUD7)	44	550186					
1.9 GTI	I (741A/C)	03/87 - 10/87	DFZ (XU9J1)	75	550185					
	II (20A/C)	10/87 - 05/89	D2A (XU92C)	75	550185					
	II (20A/C)	10/87 - 10/94	DKZ (XU9JAZ)	88	550185 550427					
	I (741A/C)	10/86 - 10/87	D6B (XU9JA (ohne KAT))	94	550185					
	II (20A/C)	10/87 - 09/98	D6B (XU9JA (G-KAT))	94	550185					
1.9 GTI CAT	II (20A/C)	10/87 - 07/94	DFZ (XU9J1)	75	550185					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

PEUGEOT



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

206		08/98 -								
1.1	SW (2E/K)	07/02 -	HFX (TU1JP)	44	550008 550015		550045	550133	550269	
1.1 i	Hatchback (2A/C)	09/98 -	HFX (TU1JP), HFZ (TU1JP)	44	550008 550015		550045	550130 550131 550133	550149 550269	550047 550048
1.4	SW (2E/K)	07/02 -	KFW (TU3JP)	55	550008 550015		550045	550133	550269	
1.4 16V	Hatchback (2A/C)	10/03 -	KFU (ET3J4)	65			550494	550133		
	SW (2E/K)	10/03 -	KFU (ET3J4)	65			550494			
1.4 HDi	SW (2E/K)	07/02 -	8HX (DV4TD)	50	550014 550471	550017				550383
1.4 HDi eco 70	Hatchback (2A/C)	09/01 -	8HX (DV4TD), 8HZ (DV4TD)	50	550014 550471	550017				550383
1.4 i	Hatchback (2A/C)	09/98 -	KFW (TU3JP), KFX (TU3JP)	55	550008 550009 550015 550016 550115		550045 550424	550130 550131 550133	550149 550269	550047 550048 550079
1.6 16V	CC (2D)	09/00 -	NFU (TU5JP4)	80	550015 550016		550045 550494	550133		
	Hatchback (2A/C)	12/00 -	NFU (TU5JP4)	80	550015 550016		550045 550494	550133		550047 550048
	Saloon	03/07 -	NFU (TU5JP4)	80			550494			
	SW (2E/K)	07/02 -	NFU (TU5JP4)	80	550008 550015		550045 550494	550133		
1.6 HDi 110	CC (2D)	04/05 -	9HZ (DV6TED4)	80	550014	550117 550432		550569		550383
	Hatchback (2A/C)	05/04 -	9HY (DV6TED4), 9HZ (DV6TED4)	80	550014	550117		550569		550383
	SW (2E/K)	05/04 -	9HZ (DV6TED4)	80	550014	550117		550569		550383
1.6 i	Hatchback (2A/C)	09/98 - 12/00	NFZ (TU5JP)	65			550424	550130 550131		550047 550048 550387
1.9 D	Hatchback (2A/C)	09/98 - 11/01	WJZ (DW8)	51	550187					550047 550048
2.0 16V	SW (2E/K)	07/02 -	RFN (EW10J4)	100	550011	550010	550045		550269	550386
2.0 HDi	SW (2E/K)	07/02 -	RHY (DW10TD)	66	550011	550117 550432				
2.0 HDi 90	Hatchback (2A/C)	12/99 -	RHY (DW10TD)	66	550011	550117				550047 550048
2.0 RC	Hatchback (2A/C)	07/03 -	RFK (EW10J4S)	130		550010		550133		
2.0 S16	Hatchback (2A/C)	04/99 - 10/00	RFR (DEW10J4)	99			550045			550047 550048 550386
	CC (2D)	09/00 -	RFN (EW10J4)	100	550011	550010	550045		550269	550047 550386
	Hatchback (2A/C)	10/00 -	RFN (EW10J4)	100	550011	550010	550045		550269	550047 550048 550386

PEUGEOT

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

206+ 01/09 -

1.1	(T3E)	01/09 -	HFX (TU1JP)	44					550494
1.4 HDi eco 70	(T3E)	01/09 -	8HX (DV4TD), 8HZ (DV4TD)	50	550471				550383
1.4 i	(T3E)	01/09 -	KFV (TU3A)	55					550494

207 02/06 -

1.4	(WA_, WC_)	02/06 -	KFV (TU3A)	53					550494
1.4 16V	(WA_, WC_)	02/06 -	KFU (ET3J4)	65					550494
	(WA_, WC_)	06/07 -	EP3	70	550470				
1.4 HDi	(WA_, WC_)	02/06 -	8HR (DV4TD)	50	550014				550383
1.6 16V	(WA_, WC_)	02/06 -	NFU (TU5JP4)	80	550471				550494
1.6 16V Turbo	(WA_, WC_)	02/06 -	EP6DT	110	550470				
	(WA_, WC_)	10/09 -	5FR (EP6DT)	115	550470				
1.6 16V VTi	(WA_, WC_)	02/07 -	EP6	88	550470				
1.6 HDi	(WA_, WC_)	02/06 -	9HX (DV6ATED4)	66	550471	550432		550569	550383
	Van	04/07 -	9HX (DV6ATED4)	66		550432		550569	
	(WA_, WC_)	02/06 -	9HY (DV6TED4)	80	550014 550471	550432		550569	550383

207 CC 02/07 -

1.6 16V	(WD_)	02/07 -	EP6	88	550470				
1.6 16V Turbo	(WD_)	02/07 -	EP6DT	110	550470				
	(WD_)	10/09 -	5FR (EP6DT)	115	550470				
1.6 HDi	(WD_)	02/07 -	9HZ (DV6TED4)	80	550014 550471	550432		550569	550383

207 SW 02/07 -

1.4	(WK_)	06/07 -	KFV (TU3A)	54					550494
1.4 16V	(WK_)	06/07 -	EP3	70	550470				
1.6 16V	(WK_)	06/07 -	EP6	88	550470				
1.6 16V RC	(WK_)	02/07 -	5FY (EP6DTS)	128	550470				
1.6 HDi	(WK_)	06/07 -	9HX (DV6ATED4)	66	550014 550471	550432		550569	550383
	(WK_)	06/07 -	9HZ (DV6TED4)	80	550014 550471	550432		550569	550383

3008 06/09 -

1.6 HDi		06/09 -	9HZ (DV6TED4)	80	550471			550569	550383
1.6 THP		06/09 -	5FX (EP6DT)	110	550470				
		06/09 -	5FV (EP6DT)	115	550470				
1.6 VTi		06/09 -	EP6	88	550470				
2.0 HDi		06/09 -	RHE (DW10CTED4)	110	550473				

306 04/93 - 04/02

1.1	(7B, N3, N5)	06/94 - 05/01	HDZ (TU1M)	44	550005 550007		550080	550149	550047 550048
-----	--------------	---------------	------------	----	------------------	--	--------	--------	------------------

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.1	Hatchback (7A, 7C, N3, N5)	05/93 - 05/01	HDZ (TU1M)	44	550005				550149	550047						
					550007					550048						
1.4	Break (7E, N3, N5)	03/97 - 04/02	KFW (TU3JP), KFX (TU3JP)	55	550005		550045	550080	550149	550047						
					550007		550424	550130		550048						
					550008			550131								
					550015			550133								
1.4 SL	(7B, N3, N5)	06/94 - 05/01	KDX (TU3MC), KFW (TU3JP), KFX (TU3JP)	55	550005		550045	550133	550149	550047						
					550007			550148		550048						
					550008											
					550015											
1.6	Break (7E, N3, N5)	03/97 - 10/00	NFZ (TU5JP)	65	550005		550424	550130	550144	550047						
					550007			550131	550511	550384						
					550008					550387						
					550009					550587						
1.6	Convertible (7D, N3, N5)	04/96 - 10/00	NFZ (TU5JP)	65	550005		550424		550144	550047						
					550007				550511	550384						
					550008					550387						
					550009					550587						
1.6	Hatchback (7A, 7C, N3, N5)	05/93 - 10/00	NFZ (TU5JP)	65	550005		550424		550144	550047						
					550007				550511	550387						
					550008					550587						
					550009											
1.6 SR	(7B, N3, N5)	10/00 - 05/01	NFT	72	550015		550424	550133		550047						
					550016					550048						
					1.6 SR	Break (7E, N3, N5)	10/00 - 04/02	NFT	72	550015		550424	550133		550047	
										550016						
1.6 SR	(7B, N3, N5)	10/00 - 04/02	NFT	72	550015		550424	550133		550047						
					550016											
					1.6 SR	Hatchback (7A, 7C, N3, N5)	10/00 - 05/01	NFT	72	550015		550424	550133		550047	
										550016					550048	
1.6 SR	(7B, N3, N5)	06/94 - 10/00	NFZ (TU5JP)	65	550005		550424		550144	550047						
					550007				550511	550048						
					550008					550384						
					550009					550387						
1.8	Break (7E, N3, N5)	03/97 - 04/02	LFZ (XU7JP)	74				550080		550047						
								550148								
					1.8	Convertible (7D, N3, N5)	03/94 - 04/02	LFZ (XU7JP)	74				550148	550238	550047	
1.8 16V	(7B, N3, N5)	03/97 - 05/01	LFY (XU7JP4)	81			550116	550045	550080	550144	550047					
									550131	550511	550048					
					1.8 16V	Break (7E, N3, N5)	03/97 - 04/02	LFY (XU7JP4)	81			550116	550045	550131	550144	550047
														550511		
1.8 16V	Convertible (7D, N3, N5)	07/00 - 04/02	LFY (XU7JP4)	81			550116	550045		550144	550047					
										550511						

PEUGEOT

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 16V	Hatchback (7A, 7C, N3, N5)	03/97 - 05/01	LFY (XU7JP4)	81		550116	550045	550131	550144 550511	550047
1.8 D	Hatchback (7A, 7C, N3, N5)	05/93 - 05/01	A9A (XUD7)	43	550186					550047
1.8 ST	(7B, N3, N5)	06/94 - 05/01	LFZ (XU7JP)	74				550080 550148	550238 550270	550047 550048
1.9 D	Hatchback (7A, 7C, N3, N5)	05/93 - 05/01	DJZ (XUD9Y)	47	550186					550047
	Break (7E, N3, N5)	03/97 - 04/02	DJY (XUD9A)	50	550184 550186					550047
	Hatchback (7A, 7C, N3, N5)	06/94 - 05/01	DJY (XUD9A)	50	550184 550186					550047
	(7B, N3, N5)	09/98 - 05/01	WJY (DW8B), WJZ (DW8)	51	550176 550186 550187					550047 550048
	Break (7E, N3, N5)	09/98 - 04/02	WJY (DW8B), WJZ (DW8)	51	550176 550187					550047
	Hatchback (7A, 7C, N3, N5)	09/98 - 05/01	WJY (DW8B), WJZ (DW8)	51	550176 550187					550047
	(7B, N3, N5)	03/98 - 05/01	DHV (XUD9BSD)	55						550047 550048
	Break (7E, N3, N5)	03/98 - 04/02	DHV (XUD9BSD)	55	550186					550047
	Hatchback (7A, 7C, N3, N5)	03/98 - 05/01	DHV (XUD9BSD)	55	550186					550047
1.9 DT	Hatchback (7A, 7C, N3, N5)	05/93 - 05/01	DHY (XUD9TE)	66	550186					550047
1.9 SLD	(7B, N3, N5)	06/94 - 05/01	DJZ (XUD9Y)	47	550186					550047 550048
	(7B, N3, N5)	06/94 - 05/01	DJY (XUD9A)	50	550184 550186					550047 550048
1.9 SRDT	(7B, N3, N5)	06/94 - 05/01	DHY (XUD9TE)	66	550186					550047 550048
1.9 TD	Break (7E, N3, N5)	02/97 - 04/02	DHY (XUD9TE)	66	550186					550047
2.0	Convertible (7D, N3, N5)	03/94 - 04/02	RFX (XU10J2)	89				550148	550238	550047
	(7B, N3, N5)	03/97 - 05/01	RFV (XU10J4R)	97			550425	550130 550131	550144 550270 550511	550047 550048
	Break (7E, N3, N5)	03/97 - 04/02	RFV (XU10J4R)	97			550425	550130 550131	550144 550511	550047
2.0 16V	Convertible (7D, N3, N5)	03/97 - 04/02	RFV (XU10J4R)	97			550425	550130 550131	550144 550511	550047
	Hatchback (7A, 7C, N3, N5)	03/97 - 05/01	RFV (XU10J4R)	97			550425	550130 550131	550144 550511	550047
2.0 HDI 90	(7B, N3, N5)	06/99 - 05/01	RHY (DW10TD)	66	550176	550117				550047 550048
	Break (7E, N3, N5)	06/99 - 04/02	RHY (DW10TD)	66	550176	550117				
	Hatchback (7A, 7C, N3, N5)	06/99 - 05/01	RHY (DW10TD)	66	550176	550117				550047
2.0 S16	(7B, N3, N5)	06/94 - 05/01	RFT (XU10J4)	110	550115		550286		550144 550511	550047 550048
	Hatchback (7A, 7C, N3, N5)	06/94 - 05/01	RFT (XU10J4)	110	550115		550286		550144 550511	550047
	(7B, N3, N5)	06/94 - 05/01	RFY (XU10J4Z)	112	550115		550286		550144 550511	550047 550048

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 S16	Hatchback (7A, 7C, N3, N5)	05/93 - 05/01	RFY (XU10J4Z)	112	550115		550286		550144 550511	550047
	Hatchback (7A, 7C, N3, N5)	03/96 - 05/01	RFS (XU10J4RS)	120	550115			550131	550267	550047
2.0 ST	(7B, N3, N5)	07/94 - 05/01	RFX (XU10J2)	89				550080		550047 550048
2.0 XSi	Hatchback (7A, 7C, N3, N5)	05/93 - 05/01	RFX (XU10J2)	89					550238	550047

307

08/00 -

1.4	(3A/C)	08/00 -	KFW (TU3JP)	55	550015		550045	550133		
1.4 16V	(3A/C)	11/03 -	KFU (ET3J4)	65			550494	550133		
	Break (3E)	11/03 -	KFU (ET3J4)	65			550494	550133		
1.4 HDi	(3A/C)	10/01 -	8HX (DV4TD), 8HZ (DV4TD)	50	550014	550017				
	Break (3E)	03/02 -	8HZ (DV4TD)	50	550014					
1.6 16V	(3A/C)	08/00 -	NFU (TU5JP4)	80	550015 550016		550045 550494	550133		
	Break (3E)	03/02 -	NFU (TU5JP4)	80	550015		550045 550494	550133		
	CC (3B)	03/05 -	NFU (TU5JP4)	80			550494	550133		
	SW (3H)	03/02 -	NFU (TU5JP4)	80	550015 550016		550045 550494	550133		
1.6 BioFlex	Break (3E)	09/07 -	NFU (TU5JP4)	80			550494			
	SW (3H)	09/07 -	NFU (TU5JP4)	80			550494			
1.6 D	SW (3H)	12/06 -	9HV (DV6ATED4)	66	550014 550471	550432		550569		550383
1.6 HDi	(3A/C)	04/05 -	9HV (DV6ATED4)	66	550014 550471			550569		550383
	Break (3E)	04/05 -	9HX (DV6ATED4)	66	550014 550471	550432		550569		550383
1.6 HDi 110	(3A/C)	02/04 -	9HY (DV6TED4)	80	550014 550471	550117 550432		550569		550383
	Break (3E)	02/04 -	9HY (DV6TED4)	80	550014 550471	550117 550432		550569		550383
	SW (3H)	02/04 -	9HY (DV6TED4)	80	550014 550471	550117		550569		550383
2.0	Break (3E)	03/02 -	RFN (EW10J4)	100	550011	550010	550045	550130	550269	550386
2.0 16V	(3A/C)	08/00 -	RFN (EW10J4)	100	550011	550010	550045	550130	550269	550386
	CC (3B)	10/03 -	RFN (EW10J4)	100	550011	550010	550045	550136	550269	550386
	SW (3H)	03/02 -	RFN (EW10J4)	100	550011	550010	550045	550130	550269	550386
	(3A/C)	03/05 -	RFJ (EW10A)	103			550010	550133		
	Break (3E)	03/05 -	RFJ (EW10A)	103			550010	550133		
	CC (3B)	03/05 -	RFJ (EW10A)	103			550010	550133		
	SW (3H)	03/05 -	RFJ (EW10A)	103			550010	550133		
	(3A/C)	06/05 -	RFK (EW10J4S)	130			550010	550133		
	CC (3B)	10/03 -	RFK (EW10J4S)	130			550010	550133		
2.0 HDi 110	(3A/C)	08/00 -	RHS (DW10ATED)	79	550018	550117 550432		550569		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 HDI 110	Break (3E)	03/02 -	RHS (DW10ATED)	79		550432		550569		
	SW (3H)	03/02 -	RHS (DW10ATED)	79	550018	550117 550432		550569		
2.0 HDi 135	(3A/C)	10/03 -	RHR (DW10BTED4)	100	550472 550473	550117 550432		550569		550383
	Break (3E)	02/04 -	RHR (DW10BTED4)	100	550472 550473	550117 550432		550569		550383
	CC (3B)	06/05 -	RHR (DW10BTED4)	100	550473	550117 550432		550569		550383
	SW (3H)	02/04 -	RHR (DW10BTED4)	100	550472 550473	550117 550432		550569		550383
2.0 HDi 90	(3A/C)	08/00 -	RHY (DW10TD)	66	550011	550117 550432		550569		
2.0 HDI 90	Break (3E)	03/02 -	RHY (DW10TD)	66	550011	550117 550432		550569		
	SW (3H)	03/02 -	RHY (DW10TD)	66	550011	550117 550432		550569		

308 09/07 -

1.4 16V	(4A_, 4C_)	09/07 -	EP3	70	550470					
1.6 16V	(4A_, 4C_)	09/07 -	EP6	88	550470					
	(4A_, 4C_)	09/07 -	5FT (EP6DT)	103	550470					
	(4A_, 4C_)	09/07 -	EP6DT	110	550470					
	(4A_, 4C_)	10/09 -	EP6CDT	115	550470					
	(4A_, 4C_)	03/08 -	EP6DTS	128	550470					
1.6 HDi	(4A_, 4C_)	09/07 -	--	66	550014 550471			550569		550383
	(4A_, 4C_)	09/07 -	9HZ (DV6TED4)	80	550014 550471			550569		550383
	(4A_, 4C_)	12/09 -	9HR (DV6C)	82	550471					
2.0 HDi	(4A_, 4C_)	09/07 -	RHR (DW10BTED4)	100	550472 550473	550432		550569		550383
	(4A_, 4C_)	07/10 -	--	103				550569		

308 CC 04/09 -

1.6 16V		06/09 -	EP6	88	550470					
		06/09 -	EP6DT	110	550470					
		06/09 -	EP6CDT	115	550470					
1.6 HDi		06/09 -	9HR (DV6C)	82	550471					550383
2.0 HDi		04/09 -	RHR (DW10BTED4)	100		550432		550569		
		04/09 -	--	103				550569		550383
		06/09 -	RHH (DW10CTED4)	120						550383

308 SW 09/07 -

1.4 16V		09/07 -	8FS (EP3)	70	550470					
1.6 16V		09/07 -	EP6	88	550470					
		09/07 -	EP6DT	110	550470					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 16V		10/09 -	EP6CDT	115	550470					
1.6 HDi		09/07 -	9HX (DV6ATED4)	66	550014 550471			550569		550383
		09/07 -	9HZ (DV6TED4)	80	550014 550471			550569		550383
2.0 HDi		09/07 -	RHR (DW10BTED4)	100	550473	550432		550569		550383
		09/07 -	--	103				550569		550383
		06/09 -	RHH (DW10CTED4)	120						550383

309

10/85 - 12/93

1.3	I (10C, 10A)	10/85 - 07/89	G1A	47	550185					
1.6	II (3C, 3A)	07/89 - 12/93	BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M)	65	550185			550080	550238	550384
	II (3C, 3A)	07/89 - 12/93	B2A (XU52C/K)	68	550185					550384
	II (3C, 3A)	07/89 - 12/93	B2A (XU52C/K)	69						550384
1.9 GTI	I (10C, 10A)	07/88 - 07/89	DKZ (XU9JAZ)	88	550427					
	II (3C, 3A)	07/89 - 12/93	DKZ (XU9JAZ)	88	550427					
1.9 GTI 16V	II (3C, 3A)	10/90 - 12/93	DFW (XU9J4Z)	108	550427			550199		
	II (3C, 3A)	08/89 - 07/90	D6C (XU9J4)	116	550427			550199		

4007

02/07 -

2.2 HDi	(GP_)	02/07 -	4HN (DW12MTED4)	115	550014 550471					550383
---------	-------	---------	-----------------	-----	------------------	--	--	--	--	--------

405

01/87 - 10/96

1.4	II (4B)	08/92 - 10/95	KDX (TU3MC)	55	550005 550007					
	II Break (4E)	08/92 - 10/96	KDX (TU3MC)	55	550005 550007					
1.6	I (15B)	07/87 - 06/88	B1E (XU51C), BAZ (XU5CP)	55	550185					
	I (15B)	07/87 - 12/92	BDY (XU5M2Z), BDZ (XU5M)	65	550114 550185			550080	550238	
	I Break (15E)	10/88 - 08/92	BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M)	65	550114					550238
	II (4B)	08/92 - 10/95	BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M), BFZ (XU5JP)	65				550080 550148	550238	550384 550587
	II Break (4E)	08/92 - 10/96	BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M), BFZ (XU5JP)	65				550148	550238 550270	550384 550587
	I (15B)	10/89 - 12/92	BDZ (XU5M)	66	550114 550185			550080	550238	
	I Break (15E)	10/88 - 08/92	BDZ (XU5M)	66	550114					550238
1.8	II (4B)	08/92 - 10/95	LFZ (XU7JP)	74				550148	550238	
	II Break (4E)	08/92 - 10/96	LFZ (XU7JP)	74				550148	550238 550270	
1.9	I (15B)	07/88 - 12/92	DDZ (XU9M)	80	550185					
	I (15B)	07/88 - 12/92	DKZ (XU9JAZ)	88	550427					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

PEUGEOT

1.9	I Break (15E)	10/88 - 08/92	DKZ (XU9JAZ)	88	550427					
	I (15B)	07/87 - 12/93	--	93	550427					
1.9 D	II (4B)	08/92 - 10/95	DJZ (XUD9Y)	47	550186					
	II (4B)	06/94 - 10/95	DJY (XUD9A)	50	550186					
	II Break (4E)	06/94 - 10/96	DJY (XUD9A)	50	550186					
	I Break (15E)	10/88 - 08/92	D9B (XUD9A), DJY (XUD9A)	51	550184					
1.9 Diesel	I (15B)	03/88 - 12/92	D9B (XUD9A)	51	550184					
1.9 Sport MI-16	I (15B)	04/88 - 12/92	DFW (XU9J4Z)	108	550185 550427		550199			
	I (15B)	07/87 - 11/91	D6C (XU9J4)	116	550427		550199			
1.9 Sport MI-16 4x4	I (15B)	04/88 - 12/92	DFW (XU9J4Z)	108	550427		550199			
2.0	II (4B)	08/92 - 10/95	RFX (XU10J2)	89				550148	550238	
	II Break (4E)	08/92 - 10/96	RFX (XU10J2)	89				550148	550238 550270	
2.0 16V	II (4B)	06/94 - 10/95	RFT (XU10J4)	110	550115				550144 550511	
2.0 4x4	II Break (4E)	08/92 - 10/96	RFX (XU10J2)	89				550148	550238	
2.0 MI-16	II (4B)	08/92 - 10/95	RFY (XU10J4Z)	112					550511	
2.0 T 16 X4	II (4B)	08/92 - 10/95	RGZ (XU10J4TE/Z)	144	550115			550147	550238	
2.0 X4	II (4B)	08/92 - 10/95	RFX (XU10J2)	89				550148	550238	

406 10/95 - 12/04

1.6	(8B)	11/95 - 05/04	BFZ (XU5JP)	65				550148	550270	550047
1.8	(8B)	05/97 - 05/04	LFX (XU7JB)	66			550045	550131 550148	550149 550270	550047
	Break (8E/F)	05/97 - 10/04	LFX (XU7JB)	66			550045	550131	550149 550270	550047
1.8 16V	(8B)	11/95 - 10/00	LFY (XU7JP4)	81		550116	550045 550425	550130 550131 550140	550144 550511	550047 550079
	Break (8E/F)	10/96 - 10/00	LFY (XU7JP4)	81		550116	550045 550425	550130 550131 550140	550144 550511	550047
	(8B)	10/00 - 05/04	6FZ (EW7J4)	85	550011	550010		550130		550047 550079 550386
	Break (8E/F)	10/00 - 10/04	6FZ (EW7J4)	85	550011	550010		550130		550047 550386
1.9 D	(8B)	10/96 - 05/04	DHW (XUD9SD)	55						550047
	Break (8E/F)	10/96 - 10/04	DHW (XUD9SD)	55						550047
1.9 TD	(8B)	01/96 - 05/04	DHX (XUD9TE)	66						550047
	Break (8E/F)	10/96 - 10/04	DHX (XUD9TE)	66	550186					550047
	(8B)	01/96 - 05/04	DHY (XUD9TE)	68						550047
2.0 16V	(8B)	11/95 - 05/04	RFV (XU10J4R)	97			550425	550131	550144 550511	550047 550079
	Break (8E/F)	10/96 - 10/04	RFV (XU10J4R)	97			550425	550131	550144 550511	550047

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 16V	Coupe (8C)	03/97 - 12/04	RFV (XU10J4R)	97			550425	550131	550144 550511	550047
	(8B)	01/99 - 08/00	RFR (DEW10J4)	99			550045			550047 550386
	Break (8E/F)	01/99 - 10/00	RFR (DEW10J4)	99			550045			550047 550386
	Coupe (8C)	01/99 - 10/00	RFR (DEW10J4)	99			550045			550047 550386
	(8B)	08/00 - 05/04	RFN (EW10J4)	100	550011	550010	550045		550269	550047 550079 550386
	Break (8E/F)	10/00 - 10/04	RFN (EW10J4)	100	550011	550010	550045		550269	550047 550386
	Coupe (8C)	10/00 - 12/04	RFN (EW10J4)	100	550011	550010	550045		550269	550047 550386
2.0 16V HPi	(8B)	05/01 - 05/04	RLZ (EW10D)	103	550011	550118				550386
	Break (8E/F)	05/01 - 10/04	RLZ (EW10D)	103	550011	550118				550386
2.0 HDi 110	(8B)	08/01 - 05/04	RHS (DW10ATED)	79	550011	550432				550079
	Break (8E/F)	08/01 - 10/04	RHS (DW10ATED)	79	550011	550432				
2.0 HDi 110	(8B)	06/98 - 08/01	RHZ (DW10ATED)	80	550011 550176	550117 550432				550047 550079
	Break (8E/F)	02/99 - 04/04	RHZ (DW10ATED)	80	550011 550176	550117 550432				550047
2.0 HDi 90	(8B)	02/99 - 05/04	RHY (DW10TD)	66	550011 550176	550117				550047
	Break (8E/F)	02/99 - 10/04	RHY (DW10TD)	66	550011 550176	550117 550432				550047
2.0 Turbo	(8B)	04/96 - 05/04	RGX (XU10J2TE)	108					550144 550511	550047
	Break (8E/F)	10/96 - 10/04	RGX (XU10J2TE)	108					550144 550511	550047
2.1 TD 12V	(8B)	01/96 - 05/04	P8C (XUD11BTE)	80						550047 550587
	Break (8E/F)	10/96 - 10/04	P8C (XUD11BTE)	80						550047 550587
2.2	(8B)	07/00 - 05/04	3FZ (EW12J4)	116	550012	550010	550045	550130		550047 550386
	Break (8E/F)	07/00 - 10/04	3FZ (EW12J4)	116	550012	550010	550045	550130		550047 550386
	Coupe (8C)	03/02 - 12/04	3FZ (EW12J4)	116	550012	550010	550045	550130		550386
2.2 HDi	(8B)	03/00 - 05/04	4HX (DW12TED4/FAP)	98	550176	550117				550047
2.2 HDi	Break (8E/F)	03/00 - 10/04	4HX (DW12TED4/FAP)	98	550176	550117 550432				550047
	Coupe (8C)	03/00 - 12/04	4HX (DW12TED4/FAP)	98	550176	550117				550047
3.0 24V	(8B)	10/96 - 05/04	XFZ (ES9J4)	140				550131	550267	550047 550386
	Break (8E/F)	10/96 - 10/04	XFZ (ES9J4)	140				550131	550267	550047 550386
3.0 V6	(8B)	03/00 - 05/04	XFX (ES9J4S)	152	550176	550118	550045 550286			550047 550386

PEUGEOT

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.0 V6	Break (8E/F)	03/00 - 10/04	AFX (ES9J4S)	152	550176	550118	550045 550286			550047 550386
	Coupe (8C)	03/00 - 12/04	AFX (ES9J4S)	152	550176	550118	550045 550286			550047 550386
3.0 V6 24V	Coupe (8C)	03/97 - 12/04	XFZ (ES9J4)	140				550131	550267	550047 550386

407 05/04 -

1.6 HDi 110	(6D_)	05/04 -	9HY (DV6TED4)	80	550014 550471	550117		550569		550383
	SW (6E_)	05/04 -	9HY (DV6TED4)	80	550014 550471	550117		550569		550383
1.8	(6D_)	05/04 -	6FZ (EW7J4)	85		550010		550133		550386
	SW (6E_)	05/04 -	6FZ (EW7J4)	85		550010		550133		550386
2.0	(6D_)	05/04 -	RFN (EW10J4)	100		550010				550386
	SW (6E_)	05/04 -	RFN (EW10J4)	100		550010				550386
2.0 16V	(6D_)	09/05 -	RFJ (EW10A)	103				550133		
	SW (6E_)	09/05 -	RFJ (EW10A)	103				550133		
2.0 HDi	Coupe (6C_)	10/05 -	RHR (DW10BTED4)	100	550472	550432		550569		550383
	(6D_)	08/08 -	--	103	550473			550569		550383
	SW (6E_)	08/08 -	--	103				550569		550383
	(6D_)	07/09 -	RHH (DW10CTED4)	120						550383
	Coupe (6C_)	06/09 -	RHH (DW10CTED4)	120						550383
2.0 HDi 135	(6D_)	05/04 -	RHR (DW10BTED4)	100	550472	550117 550432		550569		550383
	SW (6E_)	05/04 -	RHR (DW10BTED4)	100		550117 550432		550569		550383
2.2	(6D_)	05/04 -	3FZ (EW12J4)	116		550010	550045	550130		550386
	SW (6E_)	05/04 -	3FZ (EW12J4)	116		550010	550045	550130		550386
2.2 16V	(6D_)	09/05 -	3FY (EW12J4)	120		550010				550386
	Coupe (6C_)	10/05 -	3FY (EW12J4)	120		550010				550386
	SW (6E_)	09/05 -	3FY (EW12J4)	120		550010				550386
2.2 HDi 170	(6D_)	05/06 -	4HT (DW12BTED4)	125	550014 550471					550383
	SW (6E_)	05/06 -	4HT (DW12BTED4)	125	550014 550471					550383
2.7 HDi	(6D_)	10/05 -	UHZ (DT17)	150						550383
	SW (6E_)	10/05 -	UHZ (DT17)	150						550383
3.0	(6D_)	05/04 -	XFV (ES9A)	155			550425			550386
	SW (6E_)	05/04 -	XFV (ES9A)	155			550425			550386
3.0 V6	Coupe (6C_)	10/05 -	XFV (ES9A)	155			550425			550386

5008 06/09 -

1.6 16V		09/09 -	EP6	88	550470					
		09/09 -	EP6CDT	115	550470					
1.6 HDi		09/09 -	9HZ (DV6TED4)	80				550569		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

505		05/79 - 12/93								
1.8	(551A)	06/81 - 10/85	105 (XM7)	55	550482					
2.0	(551A)	09/85 - 09/91	106E (XN1A)	72	550482					
	Break (551D)	09/85 - 11/87	106E (XN1A)	72	550482					
2.2 Turbo Injection	(551A)	01/86 - 12/87	176X (N9TE)	110			550199			
	(551A)	03/84 - 10/88	176B (N9TE)	114			550199			
	(551A)	06/87 - 12/88	176W (N9TEA)	128			550199			
2.3 Turbo Diesel	(551A)	09/80 - 06/86	147 (XD2S)	59	550185					
2.5 Turbo Diesel	(551A)	10/83 - 12/93	152A (XD3T)	66	550185					
	(551A)	10/86 - 12/93	152B (XD3TE)	77	550185					

508		11/10 -								
2.0 HDi		11/10 -	--	103					550569	

508 SW		11/10 -								
		11/10 -	--	103					550569	

605		06/89 - 09/99									
2.0	(6B)	06/89 - 09/99	RFZ (XU10J2Z)	89					550080		550384 550587
2.0 16V	(6B)	07/94 - 09/99	RFV (XU10J4R)	97			550425	550130 550131	550144 550511		
2.0 Turbo	(6B)	07/92 - 09/99	RGY (XU10J2TE)	104						550144	
	(6B)	07/91 - 09/99	RGX (XU10J2TE)	108						550144 550511	
2.1 D	(6B)	06/89 - 07/95	P9A (XUD11A)	60	550187						
2.1 TD 12V	(6B)	08/94 - 09/99	P8C (XUD11BTE)	80	550187 550481						550587
2.1 Turbo Diesel	(6B)	06/89 - 09/99	PHZ (XUD11ATE)	80	550187 550481						
2.5 Turbo Diesel	(6B)	07/94 - 09/99	THY (DK5ATE)	95							550587
3.0	(6B)	10/89 - 09/99	UFZ (ZPJ)	123						550144 550511	550587
	(6B)	08/89 - 06/94	--	123							550587
	(6B)	08/89 - 06/94	--	147							550587
3.0 SV 24	(6B)	08/89 - 09/99	UKZ (ZPJ4/Z)	147	550114		550286	550140			550384 550587
3.0 V6	(6B)	04/97 - 09/99	ES 9 J4	140						550267	

607		01/00 -									
2.0	(9D, 9U)	02/00 -	RFN (EW10J4)	100	550012	550010	550045	550130	550269	550047 550386	
2.0 HDi	(9D, 9U)	03/01 - 07/04	RHS (DW10ATED)	79		550432					
2.0 HDi	(9D, 9U)	05/00 -	RHZ (DW10ATED)	80		550117 550432					550047
	(9D, 9U)	09/05 -	RHR (DW10BTED4)	100	550473	550432		550569			550383

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.2 16V	(9D, 9U)	02/00 -	3FZ (EW12J4)	116	550011 550012	550010	550045			550047 550386
	(9D, 9U)	09/05 -	3FY (EW12J4)	120		550010	550045			550386
2.2 HDI	(9D, 9U)	02/00 -	4HX (DW12TED4/FAP)	98	550011 550176	550117				550047
2.2 HDi	(9D, 9U)	05/06 -	4HT (DW12BTED4)	125	550014 550471					550383
3.0 V6 24V	(9D, 9U)	02/00 -	XFV (ES9J4S)	152	550176		550045			550047 550386
	(9D, 9U)	03/04 -	XFV (ES9A)	155			550045 550286 550425			550386

806

06/94 - 08/02

1.8	(221)	07/95 - 08/02	LFW (XU7JP)	73	550004 550006		550148	550270		
1.9 TD	(221)	07/95 - 08/02	DHX (XUD9TE)	66	550004 550006 550186					
	(221)	05/97 - 08/02	DHY (XUD9TE)	68	550004 550006 550186					
2.0	(221)	06/94 - 08/02	RFU (XU10J2)	89	550004 550006		550425		550238 550270	
2.0 16V	(221)	05/98 - 09/00	RFV (XU10J4R)	97	550004 550006	550116	550425	550130 550131	550144 550511	
	(221)	09/00 - 08/02	RFN (EW10J4)	100	550011	550010	550045	550130	550269	550386
2.0 HDI	(221)	08/99 - 08/02	RHZ (DW10ATED)	80	550013	550117 550432				550047
2.0 HDI 16V	(221)	08/99 - 08/02	RHW (DW10ATED4)	80		550117 550432				
2.0 Turbo	(221)	06/94 - 08/02	RGX (XU10J2TE)	108	550004 550006		550425		550144 550511	
2.1 td 12V	(221)	06/96 - 08/99	P8C (XUD11BTE)	80	550004 550006					550587

807

06/02 -

2.0	(E)	06/02 -	RFN (EW10J4)	100		550010	550045	550136		550079 550386
2.0 16V	(E)	09/05 -	RFJ (EW10A)	103		550010				550079
2.0 HDi	(E)	06/02 -	RHW (DW10ATED4)	79		550117				550079 550383
	(E)	11/06 -	RHK (DW10UTED4)	88				550569		550383
2.0 HDI	(E)	06/06 -	RHR (DW10BTED4)	100	550473	550432		550569		550383
2.2	(E)	06/02 -	3FZ (EW12J4)	116		550010	550045	550130		550386
2.2 HDi	(E)	06/02 -	4HX (DW12TED4/FAP)	94		550117 550432				
	(E)	06/06 -	4HT (DW12BTED4)	125	550014 550471					550383
3.0 V6	(E)	06/02 -	XFV (ES9J4S)	150		550118		550136		550386

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

BIPPER		02/08 -								
1.4	(AA_)	02/08 -	KFV (TU3A)	54						550494
1.4 HDi	(AA_)	02/08 -	8HS (DV4TD)	50	550471					550383
BIPPER Tepee		04/08 -								
1.4		04/08 -	KFV (TU3A)	54						550494
BOXER		03/94 -								
1.9 D	Box (230L)	07/99 - 04/02	DJY (XUD9A)	50	550186					
	Box (230L)	03/94 - 04/02	D9B (XUD9AU)	51	550186					
	Bus (230P)	03/94 - 04/02	D9B (XUD9AU)	51	550186					
1.9 TD	Bus (230P)	08/94 - 04/02	DHY (XUD9TE)	66	550186					
	Platform/Chassis (ZCT_)	12/98 - 04/02	DHY (XUD9TE)	66	550186					
	Box (230L)	03/94 - 04/02	D8C (XUD9UTF)	68	550186					
	Bus (230P)	03/94 - 04/02	D8C (XUD9UTF)	68	550186					
	Platform/Chassis (ZCT_)	07/96 - 04/02	D8C (XUD9UTF)	68	550186					
1.9 TD 4x4	Bus (230P)	07/96 - 04/02	D8C (XUD9UTF)	68	550186					
2.0	Box (244)	04/02 -	RFL (XU10J2U)	81		550010	550045			
	Bus (244, Z_)	04/02 -	RFL (XU10J2U)	81		550010	550045			
2.0 HDi	Box (244)	04/02 -	RHV (DW10UTD)	62	550011					
	Bus (244, Z_)	04/02 -	RHV (DW10UTD)	62	550011					
	Platform/Chassis (244)	04/02 -	RHV (DW10UTD)	62	550011					
2.0 i	Box (230L)	06/94 - 04/02	RFW (XU10J2)	80	550011					550238 550270
	Bus (230P)	03/94 - 04/02	RFW (XU10J2)	80	550011		550080			550238 550270
	Platform/Chassis (ZCT_)	06/94 - 04/02	RFW (XU10J2)	80	550011					550238 550270
2.0 i 4x4	Bus (230P)	08/96 - 04/02	RFW (XU10J2)	80	550011					
2.2 HDi	Box (244)	04/02 -	4HY (DW12UTED)	74	550011	550019				
	Bus (244, Z_)	04/02 -	4HY (DW12UTED)	74	550011	550019				
	Platform/Chassis (244)	04/02 -	4HY (DW12UTED)	74	550011					
2.5 D	Box (230L)	03/94 - 04/02	T9A (DJ5)	63	550186					
	Bus (230P)	08/94 - 04/02	T9A (DJ5)	63	550186					
	Platform/Chassis (ZCT_)	03/94 - 04/02	T9A (DJ5)	63	550186					
2.5 D 4x4	Box (230L)	07/99 - 04/02	T9A (DJ5)	63	550186					
	Bus (230P)	07/96 - 04/02	T9A (DJ5)	63	550186					
	Platform/Chassis (ZCT_)	07/99 - 04/02	T9A (DJ5)	63	550186					
2.5 TD	Box (230L)	03/94 - 04/02	T8A (DJ5T)	76	550186					
	Bus (230P)	07/94 - 04/02	T8A (DJ5T)	76	550186					
	Platform/Chassis (ZCT_)	03/94 - 04/02	T8A (DJ5T)	76	550186					
2.5 TD 4x4	Bus (230P)	07/96 - 04/02	T8A (DJ5T)	76	550186					
2.5 TDI	Box (230L)	01/97 - 04/02	THX (DJ5TED)	79	550186					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.5 TDI	Bus (230P)	01/97 - 04/02	THX (DJ5TED)	79	550186					
	Platform/Chassis (ZCT_)	01/97 - 04/02	THX (DJ5TED)	79	550186					
2.5 TDI 4x4	Box (230L)	07/99 - 04/02	THX (DJ5TED)	79	550186					
	Bus (230P)	01/97 - 04/02	THX (DJ5TED)	79	550186					
	Platform/Chassis (ZCT_)	07/99 - 04/02	THX (DJ5TED)	79	550186					
2.8 HDI	Box (230L)	11/00 - 04/02	8140.43S (F28DTCR)	94	550095					
2.8 HDi	Box (244)	04/02 -	8140.43S (F28DTCR)	94	550095					
2.8 HDI	Bus (230P)	11/00 - 04/02	8140.43S (F28DTCR)	94	550095					
2.8 HDi	Bus (244, Z_)	04/02 -	8140.43S (F28DTCR)	94	550095					
	Platform/Chassis (244)	04/02 -	8140.43S (F28DTCR)	94	550095					
2.8 HDI	Platform/Chassis (ZCT_)	11/00 - 04/02	8140.43S (F28DTCR)	94	550095					
2.8 HDi 4x4	Box (244)	04/02 -	8140.43S (F28DTCR)	94	550095					
	Bus (244, Z_)	04/02 -	8140.43S (F28DTCR)	94	550095					
	Platform/Chassis (244)	04/02 -	8140.43S (F28DTCR)	94	550095					

EXPERT 07/95 -

1.6	(224)	02/96 -	222A2 (1580 SPI)	58	550228					550047
	Box (222)	02/96 -	222A2 (1580 SPI)	58	550228					550047
	Platform/Chassis (223)	02/96 -	222A2 (1580 SPI)	58	550228					550047
1.6 HDi 90	Box (VF3A_, VF3U_, VF3X_)	01/07 -	9HU (DV6UTED4)	66	550014 550471			550569		550383
	Platform/Chassis	01/07 -	9HU (DV6UTED4)	66	550014 550471			550569		550383
1.9 D	(224)	02/96 -	D9B (XUD9AU)	51	550186					550047
	Box (222)	02/96 -	D9B (XUD9AU)	51	550186					550047
	Platform/Chassis (223)	02/96 -	D9B (XUD9AU)	51						550047
1.9 D 70	Box (222)	12/98 -	WJY (DW8B), WJZ (DW8)	51	550187					
1.9 TD	(224)	02/96 -	DHX (XUD9TE)	66	550186					550047
	Box (222)	02/96 -	DHX (XUD9TE)	66	550186					550047
	Platform/Chassis (223)	02/96 -	DHX (XUD9TE)	66	550186					550047
	(224)	02/96 -	D8B (XUD9TE)	68	550186					550047
	Box (222)	02/96 -	D8B (XUD9TE)	68	550186					550047
	Platform/Chassis (223)	02/96 -	D8B (XUD9TE)	68	550186					550047
2.0	(224)	07/00 -	RFN (EW10J4)	100	550011 550013	550010	550045	550130	550269	550047 550386
	Box (222)	09/02 -	RFN (EW10J4)	100		550010	550045		550269	550386
2.0 HDi	(224)	10/00 - 11/03	RHX (DW10BTED)	69		550432				
2.0 HDi	Box (222)	07/00 -	RHX (DW10BTED)	69	550013	550117 550432				550047
2.0 HDi	Platform/Chassis (223)	10/00 - 10/06	RHX (DW10BTED)	69		550432				
2.0 HDi	(224)	07/00 -	RHZ (DW10ATED)	80	550013	550117 550432				550047
	(224)	07/00 -	RHW (DW10ATED4)	80		550117 550432				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 HDI	Box (222)	07/00 -	RHZ (DW10ATED)	80	550013	550117				
						550432				
	Box (222)	07/00 -	RHW (DW10ATED4)	80		550117				
2.0 HDi 120	Box (VF3A_, VF3U_, VF3X_)	01/07 -	RHK (DW10UTED4)	88	550473			550569		550383
	Platform/Chassis	01/07 -	RHK (DW10UTED4)	88	550473			550569		550383
2.0 HDi 140	Box (VF3A_, VF3U_, VF3X_)	01/07 -	RHR (DW10BTED4)	100		550432		550569		550383
	Platform/Chassis	01/07 -	RHR (DW10BTED4)	100		550432		550569		550383

EXPERT Tepee

01/07 -

1.6 HDi 90	(VF3V_)	01/07 -	9HU (DV6UTED4)	66	550014			550569		550383
					550471					
2.0 HDi 120	(VF3V_)	01/07 -	RHK (DW10UTED4)	88	550473			550569		550383
2.0 HDi 120 4x4	(VF3V_)	01/07 -	RHK (DW10UTED4)	88				550569		
2.0 HDi 140	(VF3V_)	01/07 -	RHR (DW10BTED4)	100	550473	550432		550569		550383

J5

09/81 - 03/94

1.8	Box (280L)	01/83 - 11/88	169B (XM7T)	51	550482					
2.0	Platform/Chassis (280L)	01/86 - 11/88	170B (XN1T)	55	550482					
	Platform/Chassis (280L)	01/83 - 11/88	170 (XN1T)	58	550482					
	Bus (290P)	10/90 -	170D (XN1TACP)	62	550482					

J9

03/80 - 06/87

1.6	Box	03/80 - 06/87	XC7P	44	550482					
2.0	Box	03/80 - 06/87	XN1P	57	550482					

PARTNER

04/96 -

1.1	Box (5)	06/96 -	HDZ (TU1M)	44	550005					
					550007					
					550008					
	Comspace (5F)	06/96 -	HDZ (TU1M), HFX (TU1JP)	44	550005		550045			
					550007		550424			
					550008					
					550015					
					550115					
1.4	Box (5)	11/02 - 10/06	--	54			550424			
	Box (5)	06/96 -	KFX (TU3JP)	55	550005		550045	550130	550149	
					550007		550424	550131		
					550008			550140		
					550015					
					550115					
	Comspace (5F)	06/96 -	KFW (TU3JP), KFX (TU3JP)	55	550005		550045	550130	550149	
					550007		550424	550131		
					550008			550140		
					550015					
					550115					
1.4 BiFuel	Box (5)	04/03 -	KFW (TU3JP)	55			550424	550140		
1.6	Box	04/08 -	NFR (TU5JP4B)	66			550494			
	Box	04/08 -	NFU (TU5JP4)	80			550494			
	Box (5)	09/00 - 10/02	NFU (TU5JP4)	80			550424			

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 16V	Combispace (5F)	07/01 -	NFU (TU5JP4)	80	550012		550424 550494	550133		
1.6 HDi	Box	04/08 -	9HT (DV6BTED4)	55				550569		550383
	Platform/Chassis	01/09 -	9HT (DV6BTED4)	55				550569		
	Box	04/08 -	9HX (DV6ATED4)	66	550471	550432		550569		550383
	Platform/Chassis	01/09 -	9HX (DV6ATED4)	66				550569		
	Box	04/08 -	9HZ (DV6TED4)	80	550471			550569		550383
1.6 HDi 75	Box (5)	02/06 -	9HW (DV6BTED4)	55				550569		550383
	Combispace (5F)	02/06 -	9HW (DV6BTED4)	55				550569		550383
1.6 HDi 90	Box (5)	02/06 -	9HX (DV6ATED4)	66	550014 550471	550432		550569		550383
	Combispace (5F)	02/06 -	9HX (DV6ATED4)	66	550014 550471			550569		550383
1.8	Box (5)	03/97 - 08/00	LFX (XU7JB)	66			550045			
	Combispace (5F)	05/97 -	LFX (XU7JB)	66			550045	550130 550131	550149	
1.9 D	Combispace (5F)	06/96 -	DJY (XUD9A)	50	550186					
	Combispace (5F)	12/98 -	WJY (DW8B), WJZ (DW8)	51	550176 550187					
2.0 HDi	Box (5)	04/00 -	RHY (DW10TD)	66	550011 550176	550117 550432				550047
2.0 HDi	Combispace (5F)	02/00 -	RHY (DW10TD)	66	550011 550176	550117 550432				550047
2.0 HDi 4x4	Box (5)	04/04 -	RHY (DW10TD)	66		550432				
	Combispace (5F)	04/04 - 08/05	RHY (DW10TD)	66		550432				

PARTNER Tepee

04/08 -

1.6		04/08 -	NFR (TU5JP4B)	66			550494			
		04/08 -	NFU (TU5JP4)	80			550494			
1.6 HDi		04/08 -	9HT (DV6BTED4)	55	550471			550569		550383
		04/08 -	9HX (DV6ATED4)	66	550471			550569		550383
		04/08 -	9HZ (DV6TED4)	80	550471			550569		550383

RCZ

03/10 -

1.6 16V		03/10 -	EP6CDT	115	550470					
		06/10 -	EP6CDTX	147	550470					

PORSCHE

911

10/93 -

3.6 Carrera	(993)	10/93 - 08/95	M 64.05, M 64.06, M 64.07, M 64.08	200						550144
	Convertible (993)	07/94 - 08/95	M 64.05, M 64.06, M 64.07, M 64.08	200						550144
	(993)	08/95 - 09/97	M 64.21, M 64.22, M 64.23, M 64.24	210						550144
	Convertible (993)	08/95 - 09/97	M 64.21, M 64.22, M 64.23, M 64.24	210						550144
	Targa (993)	08/95 - 09/97	M 64.21, M 64.22, M 64.23, M 64.24	210						550144
	(997)	07/04 -	M 96.05	239			550305			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.6 Carrera	Convertible (997)	04/05 -	M 96.05	239			550305		
3.6 Carrera 4	(993)	07/94 - 08/95	M 64.05, M 64.07	200					550144
	Convertible (993)	07/94 - 08/95	M 64.05, M 64.07	200					550144
	(993)	08/95 - 09/97	M 64.21, M 64.23	210					550144
	Convertible (993)	08/95 - 09/97	M 64.21, M 64.23	210					550144
	Convertible (997)	04/05 -	M 96.05	239			550305		
3.6 GT2	(996)	04/01 - 08/05	M 96.70	340					550364
	(996)	10/03 - 08/05	M 96.70	355					550364
3.6 Turbo	(997)	03/06 -	M 97.70	353			550291		
3.6 Turbo 4	(993)	03/95 - 09/97	M 64.60	300					550144 550495
	(996)	06/00 - 08/05	M 96.70	309					550364
	Convertible (996)	10/03 - 08/05	M 96.70	309					550364
3.6 Turbo 4S	(996)	02/03 - 08/05	M 96.70	331					550364
	Convertible (996)	10/03 - 08/05	M 96.70	331					550364
3.6 Turbo GT2	(993)	03/95 - 09/97	M 64.60R	316					550144 550495
3.6 Turbo GT2 4	(993)	08/95 - 09/97	M 64.60R	316					550144 550495
	(993)	06/97 - 09/97	--	331					550144
3.7 Carrera	Targa (993)	05/96 - 09/97	M 64.20	221					550144
3.8 Carrera	(993)	06/95 - 09/97	M 64.05S, M 64.06S	210					550144
	Convertible (993)	06/95 - 09/97	M 64.05S, M 64.06S	210					550144
3.8 Carrera 4	(993)	06/95 - 09/97	M 64.05S, M 64.06S	210					550144
	Convertible (993)	06/95 - 09/97	M 64.05S, M 64.06S	210					550144
3.8 Carrera 4S	(997)	07/04 -	M 97.01	261			550305		
	Convertible (997)	04/05 -	M 97.01	261			550305		
3.8 Carrera RS	(993)	06/95 - 09/97	M 64.20	221					550144
	Convertible (993)	08/95 - 09/97	M 64.21S	221					550144
3.8 Carrera RS 4	(993)	08/95 - 09/97	M 64.20	221					550144
	Convertible (993)	08/95 - 09/97	M 64.21S	221					550144
3.8 Carrera S	(997)	07/04 -	M 97.01	261			550305		
	Convertible (997)	04/05 -	M 97.01	261			550305		

928

09/77 - 11/95

4.6 S		09/79 - 07/83	M 28.11, M 28.12	221					550587
		08/83 - 07/86	M 28.21, M 28.22	228					550587
4.7		08/84 - 07/85	--	200					550587
4.9 S		09/85 - 05/94	M 28.45, M 28.46	212					550587
4.9 S,S4		08/86 - 07/91	M 28.41, M 28.42	235			550236		
5.0 GT		01/89 - 07/91	M 28.47	243			550236		
5.0 S4 CAT		08/86 - 07/91	M 28.41, M 28.42	235			550236		
5.4 GTS		08/91 - 11/95	M 28.49, M 28.50	257			550236		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

944		06/81 - 07/91							
2.5 Turbo		08/85 - 07/88	M 44.50, M 44.51	162			550199		
		09/87 - 07/91	M 44.52	184			550199		
2.7		11/88 - 08/89	M 44.11, M 44.12	121			550199		
3.0 S2		12/88 - 07/91	M 44.41	155			550199		
	Convertible	12/88 - 07/91	M 44.41	155			550199		

959		01/86 - 04/91							
2.8		01/86 - 04/91	959.50	330					550587

968		06/91 - 11/95							
3.0		06/91 - 11/95	M 44.43, M 44.44	176			550199		550144
	Convertible	06/91 - 11/95	M 44.43, M 44.44	176			550199		550144

BOXSTER		09/96 -							
2.5	(986)	09/96 - 08/99	M 96.20	150			550328		
2.7	(986)	07/02 - 12/04	M 96.23	168			550291		
	(987)	11/04 -	M 96.25	176			550305		
	(987)	07/06 -	M 97.20	180			550305		
S 3,2	(986)	07/02 - 12/04	M 96.24	191			550291		
S 3.2	(986)	01/04 - 12/04	M 96.24	196			550291		
	(987)	11/04 -	M 96.26	206			550305		
S 3.4	(987)	07/06 -	M 97.21	217			550305		

CARRERA GT		07/03 -							
5.7		07/03 -	M 80.01	450			550291		

CAYENNE		09/02 -							
GTS 4.8	(955)	10/07 -	--	298			550305		
Turbo 4.5	(955)	09/02 -	M 48.50	331			550364		
Turbo S 4.5	(955)	01/04 -	M 48.50S	368			550364		

CAYMAN		11/05 -							
2.7	(987)	07/06 -	M 97.20	180			550305		
S 3.4	(987)	11/05 -	M 97.21	217			550305		

PROTON		06/04 -							
1.6	(CM_)	06/04 -	S4PH	82			550098		

PUCH		09/89 -							
G 500	(W 463)	04/98 -	M 113.962	218			550143		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

RENAULT

11 03/83 - 07/89

1.4	(B/C37_)	03/83 - 12/88	C1J 715, C2J 730	44	550178					
	Box (S37_)	03/83 - 09/86	C1J 715, C2J 730	44	550178					
	(B/C37_)	03/83 - 12/88	C2J 720, C2J 766, C2J 767, C2J 768	49	550178					
	(B/C37_)	03/83 - 12/85	C2J 718, C2J 757	50	550178					
	(B/C37_)	05/83 - 12/85	C2J 717, C2J 755	53	550178					
1.7	(B/C37_)	10/86 - 12/88	F2N 730	54	550178					
	(B/C37_)	10/84 - 12/88	F3N 718	55	550178					
	(B/C37_)	10/83 - 12/87	F2N 700, F2N 704	59	550178					
	(B/C37_)	06/87 - 12/88	F2N 732, F2N 742	64	550178					
	(B/C37_)	10/86 - 12/88	F2N 708, F2N 710, F2N 798	65	550178 550180					
	(B/C37_)	06/87 - 12/88	F3N 708	69	550178 550180					

18 04/78 - 11/93

1.4	(134_)	04/78 - 07/86	847 720, 847 722	47	550178					
	Box	05/79 - 07/86	847 720, 847 722	47	550178					
	Variable (135_)	05/79 - 07/86	847 720, 847 722	47	550178					
1.6	(134_)	04/82 - 07/86	841 717, A2M 723	54	550178					
	Variable (135_)	01/82 - 07/86	841 717, A2M 723	54	550178					
	(134_)	04/78 - 09/82	841 725, 841 726	58	550178					
1.6 4x4	Variable (135_)	01/83 - 07/86	841 717, A2M 723	54	550178					
1.6 TS	(134_)	05/82 - 07/86	A6M 725, A6M 726	71	550178					
	Variable (135_)	05/82 - 07/86	A6M 725, A6M 726	71	550178					
1.6 Turbo	Variable (135_)	09/82 - 07/86	807 727	80	550178					
	Variable (135_)	10/82 - 07/86	A5L 717, A5L 718	92	550178					
1.6 Turbo Inj.	(134_)	09/82 - 07/86	A7L 752	82	550178					
2.0	(134_)	05/82 - 07/86	J6R 716	77	550178					

19 01/88 - 08/03

1.4	I (B/C53_)	01/89 - 12/89	C2J 772	43	550179					
	I Chamade (L53_)	07/88 - 04/92	C2J 772, C3J 710	43	550179 550180					
	II (B/C53_)	04/92 - 12/95	C3J 710	43	550179 550180					
	II Chamade (L53_)	04/92 - 12/95	C3J 710	43	550179 550180					
	II Chamade (L53_)	11/93 - 12/95	E7J 742	55	550180					
1.7	I (B/C53_)	09/88 - 04/92	F3N 740, F3N 741	54	550021 550180		550199			
	I Chamade (L53_)	10/89 - 04/92	F3N 740, F3N 741	54	550021 550179		550199			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.7	II (B/C53_)	04/92 - 12/95	F3N 740, F3N 741	54	550021 550179 550180		550199			
	II Chamade (L53_)	04/92 - 12/95	F3N 740, F3N 741	54	550021 550179		550199			
	I Cabriolet (D53_)	07/91 - 04/92	--	55	550021					550378
	I (B/C53_)	09/88 - 04/92	F3N 742, F3N 743	66	550021 550180					550378
	I Chamade (L53_)	07/88 - 04/92	F3N 742, F3N 743	66	550021 550180		550199			
	II (B/C53_)	04/92 - 12/95	F3N 743	66	550179 550180				550144	550378
	II Cabriolet (D53_, 853_)	04/92 - 09/93	F3N 742, F3N 743	66	550021 550179 550180					550378
	II Chamade (L53_)	04/92 - 12/95	F3N 742, F3N 743	66						550378
	I Chamade (L53_)	09/88 - 12/92	F2N 720, F2N 721	68						550378
	II Chamade (L53_)	01/93 - 08/95	F2N 720, F2N 721	68						550378
	I Cabriolet (D53_)	07/91 - 04/92	F3N 742, F3N 743	70	550021 550179					
	I (B/C53_)	06/89 - 04/92	F3N 746	79					550144	
	I Chamade (L53_)	08/88 - 12/92	F3N 746	79			550199		550144	
1.8	II (B/C53_)	04/92 - 12/95	F3P 706, F3P 707, F3P 708, F3P 760	65						550378
	II Cabriolet (D53_, 853_)	04/92 - 06/96	F3P 704, F3P 705, F3P 706, F3P 707, F3P 708, F3P 760	65						550378
	II (B/C53_)	04/92 - 12/95	F3P 706, F3P 760	66						550378
	II Chamade (L53_)	04/92 - 12/95	F3P 706, F3P 760	66						550378
	II (B/C53_)	04/92 - 05/94	F3P 700	81						550378
	II Chamade (L53_)	04/92 - 05/94	F3P 700	81						550378
1.8 16V	I (B/C53_)	06/89 - 04/92	F7P 704	99	550021					
	I Chamade (L53_)	10/89 - 04/92	F7P 704	99	550021					
	II (B/C53_)	04/92 - 12/95	F7P 704	99	550021					
	II Cabriolet (D53_, 853_)	04/92 - 06/96	F7P 704	99	550021					
	II Chamade (L53_)	04/92 - 12/95	F7P 704	99	550021					
	I Cabriolet (D53_)	07/91 - 04/92	F7P 704	101	550021					

21

03/86 - 08/94

1.7	(B48_)	09/89 - 10/92	F3N 726	54	550021					
	Estate (K48_)	05/88 - 06/93	F3N 726	54	550021					
	(B48_)	07/89 - 05/93	F2N 754	65						550378
	Estate (K48_)	10/89 - 12/93	F3N 722, F3N 723	66	550021					
	Saloon (L48_)	09/89 - 02/94	F3N 722, F3N 723	66	550021					
	Saloon (L48_)	03/86 - 02/94	F3N 722, F3N 723	69	550021					
2.0	Saloon (L48_)	05/91 - 10/93	J6R 758	78	550021					
	Estate (K48_)	06/86 - 12/88	J7R 750, J7R 751	85	550021 550180		550044			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	Saloon (L48_)	03/86 - 12/88	J7R 750, J7R 751	85	550021 550180		550044			
	Estate (K48_)	03/86 - 12/93	J7R 746, J7R 747	88	550021		550044			
	Saloon (L48_)	03/86 - 12/93	J7R 746, J7R 747	88	550021		550044			
	(B48_)	02/90 - 10/92	J7R 740	99	550021					
	Estate (K48_)	06/90 - 02/94	J7R 740	99	550021 550180					
	Saloon (L48_)	02/90 - 06/94	J7R 740	99	550021 550180					
2.0 4x4	(B48_)	09/90 - 10/92	J7R 740	99	550021					
	Saloon (L48_)	12/89 - 02/94	J7R 740	99	550021 550180					
2.0 Turbo	Saloon (L48_)	02/90 - 10/92	J7R 756	119	550021		550044			
	Saloon (L48_)	04/87 - 03/90	J7R 752	129	550021		550044			
2.0 Turbo 4x4	Saloon (L48_)	02/90 - 10/92	J7R 756	119	550021		550044			
	Saloon (L48_)	08/89 - 10/93	J7R 752	129	550021					
2.2	(B48_)	09/89 - 06/94	J7T 754, J7T 755	79	550021		550044			
	Estate (K48_)	06/86 - 11/93	J7T 754, J7T 755	79	550021		550044			
	Saloon (L48_)	07/86 - 02/94	J7T 754, J7T 755	79	550021		550044			
2.2 4x4	(B48_)	07/90 - 06/94	J7T 754, J7T 755	79	550021		550044			
	Estate (K48_)	06/86 - 12/93	J7T 754, J7T 755	79	550021		550044			
	Saloon (L48_)	07/90 - 02/94	J7T 754, J7T 755	79	550021		550044			

25

04/84 - 12/93

2.0	(B29_)	04/84 - 12/92	J6R 706, J6R 707, J6R 760, J6R 762, J6R 763	74	550178					
2.0 12V	(B29_)	06/89 - 12/92	J7R 726	99	550021					
	(B29_)	06/88 - 12/93	J7R 720	103	550021					
2.2	(B29_)	11/85 - 03/89	--	76	550021					
	(B29_)	09/86 - 12/92	J7T 708, J7T 732, J7T 733	79	550021 550178		550044			
	(B29_)	04/84 - 12/89	J7T 706, J7T 707, J7T 714, J7T 715	89	550021 550178		550044			
	(B29_)	04/84 - 12/89	J7T 730, J7T 731	91	550021 550178					
2.5 V6 Turbo	(B29_)	01/90 - 12/92	Z7U 700	151	550021					
2.8 V6	(B29_)	06/87 - 02/90	Z7W 700	115	550021					
2.8 V6 Injection	(B29_)	06/86 - 02/88	Z7W 702	100			550044			
	(B29_)	06/87 - 12/92	Z7W 706, Z7W 707, Z7W 709	110	550021		550044			

5

01/72 - 12/85

1.4	(122_)	01/82 - 12/85	847 725, C2J 713	46	550178					
-----	--------	---------------	------------------	----	--------	--	--	--	--	--

9

09/81 - 12/89

1.4	(L42_)	12/81 - 12/88	C1J 715, C1J 792, C1J 796, C2J 730	44	550178					
-----	--------	---------------	---------------------------------------	----	--------	--	--	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4	(L42_)	09/85 - 12/88	C2J 720, C2J 766, C2J 767, C2J 768	49	550178					
	(L42_)	09/81 - 12/85	C2J 717, C2J 755	53	550178					
1.4 Automatic	(L42_)	09/81 - 12/85	C2J 718, C2J 757	50	550178					
1.7	(L42_)	10/86 - 12/88	F3N 718	54	550180					
	(L42_)	10/86 - 12/88	F2N 730	55	550180					
	(L42_)	09/84 - 12/88	F2N 700, F2N 704	59	550180					
	(L42_)	10/86 - 12/88	F2N 708, F2N 710, F2N 798	65	550180					
	(L42_)	06/87 - 12/88	F3N 708	69	550180					

AVANTIME 09/01 - 05/03

2.2 dCi	(DE0_)	05/02 - 05/03	G9T 712	110	550020					
3.0 V6	(DE0_)	09/01 - 05/03	L7X 720, L7X 721	152	550181					

CLIO 05/90 -

1.2	I (B/C57_, 5/357_)	01/91 - 01/96	E7F 706	40	550023					550149
	I (B/C57_, 5/357_)	01/96 - 09/98	D7F 730	40	550023					
	I (B/C57_, 5/357_)	05/90 - 09/98	E7F 700, E7F 708, E7F 750	43	550023 550180		550044			
	I (B/C57_, 5/357_)	01/96 - 09/98	D7F 730	43	550023					
	II (BB0/1/2_, CB0/1/2_)	09/98 -	D7F 710, D7F 720, D7F 726	43	550024					
1.2 16V	III (BR0/1, CR0/1)	06/05 -	D4F 740	48	550467					
	II (BB0/1/2_, CB0/1/2_)	06/01 -	D4F 712, D4F 714	55	550024			550086		550387
	III (BR0/1, CR0/1)	06/05 -	D4F 740	55	550467					550386
	III (BR0/1, CR0/1)	06/05 -	D4F 764	58	550467					550386 550387
	III (BR0/1, CR0/1)	05/07 -	D4F 784	74	550467					
1.4	I (B/C57_, 5/357_)	01/91 - 09/98	E7J 756, E7J 757	55	550179 550180					
	II (BB0/1/2_, CB0/1/2_)	09/98 - 05/05	K7J 710	55	550024					
	I (B/C57_, 5/357_)	01/91 - 09/98	E7J 601, E7J 718, E7J 719	58	550179					550378
	I (B/C57_, 5/357_)	01/91 - 09/98	E7J 710	59	550023					550378
1.4 16V	II (BB0/1/2_, CB0/1/2_)	10/99 - 08/00	K4J 712, K4J 713	70	550024 550537			550086		550047
	II (BB0/1/2_, CB0/1/2_)	08/00 -	K4J 700, K4J 712, K4J 713	72	550072 550537			550086		
	III (BR0/1, CR0/1)	06/05 -	K4J 780	72	550518					
1.5 dCi	II (BB0/1/2_, CB0/1/2_)	06/01 -	K9K 700, K9K 704	48	550024 550058	550046				550385 550386 550409
	II Box (SB0/1/2_)	06/01 -	K9K 700	48	550058	550046				550385 550386 550409
	III (BR0/1, CR0/1)	06/05 -	K9K 768	50						550385 550386 550409

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

RENAULT



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.5 dCi	II (BB0/1/2_, CB0/1/2_)	06/01 -	K9K 702	60	550024 550058	550046						550385 550386 550409
	III (BR0/1, CR0/1)	06/05 -	K9K 766	63								550385 550386 550409
1.6	II (BB0/1/2_, CB0/1/2_)	09/98 - 05/05	K7M 744, K7M 745	66	550024 550066 550536							550047
1.6 16V	III (BR0/1, CR0/1)	06/05 -	K4M 804	65	550518							
	II (BB0/1/2_, CB0/1/2_)	09/98 -	K4M 708, K4M 748	79	550024 550051 550537			550086				
	III (BR0/1, CR0/1)	06/05 -	K4M 800, K4M 801	82	550518							
1.8	I (B/C57_, 5/357_)	08/94 - 09/98	F3P 754, F3P 755	66								550378
1.9 D	II (BB0/1/2_, CB0/1/2_)	09/98 - 05/05	F8Q 630	47	550024 550051 550537							
	II Box (SB0/1/2_)	09/98 -	F8Q 630	47	550537							
	II (BB0/1/2_, CB0/1/2_)	02/00 - 05/01	F8Q 632	48	550537							
	II Box (SB0/1/2_)	02/00 - 05/01	F8Q 632	48	550537							
1.9 dTi	II (BB0/1/2_, CB0/1/2_)	12/99 - 05/05	F9Q 780	59	550024 550058							
	II (BB0/1/2_, CB0/1/2_)				550024 550051 550537			550086				550377
2.0 16V Sport	II (BB0/1/2_, CB0/1/2_)	02/00 -	F4R 730	124	550024 550051 550537							
	II (BB0/1/2_, CB0/1/2_)	01/04 -	F4R 738	132	550537							
	III (BR0/1, CR0/1)	02/06 -	F4R 830	145	550568							
	III (BR0/1, CR0/1)	09/08 -	F4R 830	148	550568							
3.0 V6 Sport	II (BB0/1/2_, CB0/1/2_)	11/00 - 12/02	L7X 760	166	550024 550181							
	II (BB0/1/2_, CB0/1/2_)	12/02 -	L7X 762	187	550024 550181							

CLIO Grandtour 02/08 -

1.6 16V	(KR0/1_)	02/08 -	K4M 800	82	550518							
---------	----------	---------	---------	----	--------	--	--	--	--	--	--	--

ESPACE 07/84 -

1.9 dCi	IV (JK0/1_)	11/02 -	F9Q 680, F9Q 820, F9Q 826	88	550139 550020							
1.9 dTi	III (JE0_)	02/99 - 10/02	F9Q 722	72	550058							550377
2.0	I (J11_)	01/88 - 12/90	J6R 734	74	550180							
	II (J/S63_)	01/91 - 10/96	J7R 768	76	550021							
	I (J11_)	07/84 - 12/90	J6R 234, J6R 236	80	550177							
	III (JE0_)	11/96 - 10/00	F3R 728, F3R 729, F3R 742, F3R 768, F3R 769	84	550049 550072 550075							550378
	IV (JK0/1_)	11/02 - 02/05	F4R 790	98	550568							
	IV (JK0/1_)	11/02 -	F4R 790, F4R 792	100	550568							

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	III (JE0_)	09/01 - 10/02	F4R 700	102	550072 550537						550377
	IV (JK0/1_)	04/05 -	F4R 896	125	550568						
2.0 16V	III (JE0_)	10/98 - 10/02	F4R 700, F4R 701	103	550051 550072 550537						550377
2.0 i Quadra	I (J11_)	03/88 - 12/92	J7R 760	87	550021						
2.0 Turbo	IV (JK0/1_)	11/02 -	F4R 794, F4R 795, F4R 796	120	550568						550386
2.2	I (J11_)	07/86 - 12/90	J7T 770	79	550023						
	II (JS63_)	01/91 - 10/96	J7T 772, J7T 773, J7T 776	79	550021 550023						
2.2 4x4	II (JS63_)	03/91 - 12/96	J7T 772, J7T 773	79	550021		550044				
2.2 dCi	III (JE0_)	07/00 - 10/02	G9T 710	85							550377
	III (JE0_)	10/00 - 10/02	G9T 710	95							550377
	IV (JK0/1_)	11/02 -	G9T 742, G9T 743	110		550020					
2.8 V6	II (JS63_)	01/91 - 10/96	Z7W 712, Z7W 713, Z7W 717	110	550021		550044				
3.0	III (JE0_)	11/96 - 10/98	Z7X 775	123			550286				
3.0 V6 24V	III (JE0_)	10/98 - 10/02	L7X 727	140	550004 550006						
3.5 V6	IV (JK0/1_)	11/02 -	V4Y 711	177			550598				

FUEGO 02/80 - 11/92

1.6	(136_)	04/83 - 10/85	A2M 723	52	550178						
2.0 TX/GTX	(136_)	10/80 - 10/85	829 710, J6R 710, J6R 712, J6R 713, J6R 715, J6R 726	81	550178						

GRAND SCENIC 04/04 -

1.6	II (JM0/1_)	04/04 -	K4M 761	83	550537						
2.0	II (JM0/1_)	04/04 -	F4R 770	99	550568						
	II (JM0/1_)	04/04 -	F4R 776	120	550568						

KANGOO 08/97 -

1.2	(KC0/1_)	08/97 -	D7F 710, D7F 720, D7F 722, D7F 726, D7F 744, D7F 746	43			550044	550140			
	Express (FC0/1_)	08/97 -	D7F 710, D7F 720, D7F 722, D7F 726, D7F 744, D7F 746	43			550044	550086 550140			
1.2 16V	(KC0/1_)	06/01 -	D4F 712, D4F 714, D4F 716	55							550387
	Express (FC0/1_)	10/01 -	D4F 712, D4F 714	55				550086			550387
1.4	(KC0/1_)	08/97 -	E7J 634, E7J 635, E7J 780, K7J 700, K7J 701	55	550536		550044	550140	550224	550047	
	Express (FC0/1_)	08/97 -	E7J 634, E7J 635, E7J 780, K7J 701	55	550536		550044	550140	550224	550047	
1.5 dCi	(KC0/1_)	12/01 -	K9K 700, K9K 704	48	550058	550046		550173			550385 550386 550409
	Express (FC0/1_)	12/01 -	K9K 700	48		550046		550173			550385 550386 550409

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.5 dCi	(KC0/1_)	07/02 -	K9K 702, K9K 710	60	550058	550046	550173	550385	550386	550409
	Express (FC0/1_)	04/03 -	K9K 702, K9K 710	60	550058	550046	550173	550385	550386	550409
1.6 16V	(KC0/1_)	06/01 -	K4M 750, K4M 752, K4M 753	70	550537					
	Express (FC0/1_)	10/01 -	K4M 752	70	550537					
	(KW0/1_)	02/08 -	K4M 830	78	550537					
	Express (FW0/1_)	02/08 -	K4M 830	78	550537					
1.6 16V Hi-Flex	(KW0/1_)	02/08 -	K4M 830	78	550537					
1.6 16V 4x4	(KC0/1_)	10/01 -	K4M 750, K4M 752, K4M 753	70	550537					
	Express (FC0/1_)	10/01 -	K4M 750, K4M 752, K4M 753	70	550537					
1.6 16V bivalent	(KC0/1_)	06/05 -	--	60						550079
1.9 D	Express (FC0/1_)	09/99 - 06/03	F8Q 632	48	550537					
1.9 dCi 4x4	(KC0/1_)	10/01 -	F9Q 782, F9Q 790	59	550058	550020				
	Express (FC0/1_)	10/01 -	F9Q 782, F9Q 790	59	550058	550020				
1.9 dTi	(KC0/1_)	02/00 -	F9Q 780	59	550058					
	Express (FC0/1_)	02/00 -	F9Q 780, F9Q 782	59	550058					
D 55 1.9	(KC0/1_)	08/97 -	F8Q 662	40	550537					
	Express (FC0/1_)	08/97 -	F8Q 662	40	550537					
D 65 1.9	(KC0/1_)	08/97 -	F8Q 630, F8Q 632	47	550058					
	Express (FC0/1_)	08/97 -	F8Q 630, F8Q 632	47	550058					550537

LAGUNA

11/93 -

1.6 16V	Grandtour (K56_)	11/97 - 03/01	K4M 720, K4M 724	79	550051		550141			
	I (B56_, 556_)	11/97 - 03/01	K4M 720, K4M 724	79	550051					
	II (BG0/1_)	03/01 -	K4M 710, K4M 711	79	550051		550086			
	II Grandtour (KG0/1_)	03/01 -	K4M 710, K4M 711	79	550072		550086			
	III (BT0/1)	10/07 -	K4M 824	81	550518					
	III Grandtour (KT0/1)	10/07 -	K4M 824	81	550518					
	II (BG0/1_)	02/05 -	K4M 716	82	550537					
	II Grandtour (KG0/1_)	02/05 -	K4M 716	82	550537					
1.8	Grandtour (K56_)	09/95 - 03/01	F3P 670, F3P 678	66	550023		550044			
	I (B56_, 556_)	11/93 - 03/01	F3P 720, F3P 724	66	550023		550044			
	I (B56_, 556_)	08/95 - 03/01	F3P 670, F3P 678	66	550049		550044			
	Grandtour (K56_)	09/95 - 03/01	F3P 720, F3P 724	69			550044			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8 16V	II (BG0/1_)	03/01 -	F4P 770, F4P 771, F4P 773, F4P 774, F4P 775	85	550051 550072 550537 550568			550086		
	II Grandtour (KG0/1_)	03/01 -	F4P 770, F4P 771, F4P 774	85	550051 550072 550537 550568			550086		
	Grandtour (K56_)	04/98 - 03/01	F4P 760	88	550051 550537					550377
	I (B56_, 556_)	04/98 - 03/01	F4P 760	88	550051					550377
	II (BG0/1_)	03/01 -	F4P 770, F4P 773	88	550051 550537			550086		
	II Grandtour (KG0/1_)	03/01 -	F4P 770, F4P 773	88	550051 550537			550086		
	II (BG0/1_)	03/01 -	F4P 770, F4P 774	89	550051 550537					
	II Grandtour (KG0/1_)	03/01 -	F4P 770, F4P 774	89	550051 550537			550086		
1.9 dCi	II (BG0/1_)	10/01 -	F9Q 754	74		550020		550086		
	II Grandtour (KG0/1_)	10/01 -	F9Q 754	74	550051	550020		550086		
1.9 dCi	II (BG0/1_)	06/01 -	F9Q 752	77	550051			550086		
	II Grandtour (KG0/1_)	06/01 -	F9Q 752	77	550051			550086		
1.9 dCi	Grandtour (K56_)	09/99 - 03/01	F9Q 718	79	550139	550020				550377
	I (B56_, 556_)	09/99 - 03/01	F9Q 718	79	550139	550020				
	II (BG0/1_)	03/01 -	F9Q 670, F9Q 674	88	550051 550139	550020		550086		
	II Grandtour (KG0/1_)	03/01 -	F9Q 670, F9Q 674	88	550051 550139	550020		550086		
1.9 dTi	Grandtour (K56_)	10/97 - 03/01	F9Q 710, F9Q 716	72	550058					550377
	I (B56_, 556_)	10/97 - 03/01	F9Q 710, F9Q 716	72	550058					550377
2.0	Grandtour (K56_)	09/95 - 03/01	F3R 722, F3R 723	83	550075		550044			550377
	I (B56_, 556_)	11/93 - 03/01	F3R 722, F3R 723	83	550075		550044			550377
	Grandtour (K56_)	10/98 - 01/01	F3R 768	84						550377
	I (B56_, 556_)	06/95 - 02/01	F3R 768	84						550377
	II Grandtour (KG0/1_)	09/02 - 05/05	F4R 713	95	550568					
2.0 16V	II (BG0/1_)	08/02 -	F4R 712, F4R 713, F4R 714, F4R 715	99	550051 550537 550568			550086		
	II Grandtour (KG0/1_)	08/02 -	F4R 712, F4R 713, F4R 714, F4R 715	99	550051 550537 550568			550086		
	Grandtour (K56_)	09/95 - 03/01	N7Q 700, N7Q 704	102	550021	550135				550377
	I (B56_, 556_)	06/95 - 03/01	N7Q 700, N7Q 704	102	550021	550135				550377
	Grandtour (K56_)	09/99 - 03/01	F4R 780	103	550537					550377
	I (B56_, 556_)	09/99 - 03/01	F4R 780	103	550021 550051					550377
	II (BG0/1_)	01/05 -	F4R 786	125	550568					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 16V	II Grandtour (KG0/1_)	01/05 -	F4R 787	125	550568					
	II (BG0/1_)	01/05 -	F4R 886	150	550568					
	II Grandtour (KG0/1_)	01/05 -	F4R 886	150	550568					
2.0 16V IDE	II (BG0/1_)	04/01 -	F5R 700	103	550051 550072 550537			550086		
	II Grandtour (KG0/1_)	04/01 -	F5R 700	103	550051 550072 550537			550086		
2.0 16V Turbo	II (BG0/1_)	01/03 -	F4R 764, F4R 765, F4R 786, F4R 787	120	550051 550568			550086		550386
	II Grandtour (KG0/1_)	01/03 -	F4R 764, F4R 765, F4R 786, F4R 787	120	550568			550086		550386
	Coupe (DT0/1)	09/08 -	F4R 811	125	550568					
	III (BT0/1)	10/07 -	F4R 811	125	550568					550386
	III Grandtour (KT0/1)	10/07 -	F4R 811	125	550568					550386
2.0 GT	Coupe (DT0/1)	09/08 -	F4Rt 800	150	550568					
	III (BT0/1)	03/08 -	F4R 800	150	550568					
	III Grandtour (KT0/1)	03/08 -	F4R 800	150	550568					
2.2 D	Grandtour (K56_)	09/95 - 03/01	G8T 706, G8T 752, G8T 790, G8T 794	61						550377
	I (B56_, 556_)	11/93 - 03/01	G8T 706, G8T 752, G8T 790, G8T 794	61						550377
2.2 dCi	II (BG0/1_)	10/01 -	G9T 702	110	550051	550020		550086		
	II Grandtour (KG0/1_)	10/01 -	G9T 702	110	550051	550020		550086		
3.0	Grandtour (K56_)	02/96 - 03/01	Z7X 765	123	550021		550286			
	I (B56_, 556_)	11/93 - 03/01	Z7X 760, Z7X 765	123	550021		550286			
3.0 V6 24V	II (BG0/1_)	03/01 -	L7X 731	152	550051 550176			550086		
	II Grandtour (KG0/1_)	03/01 -	L7X 731	152	550051 550176			550086		

LOGAN

09/04 -

1.4	(LS_)	09/04 -	K7J 710	55	550467					
	Estate (KS_)	10/07 -	K7J 710	55	550467					
1.5 dCi	(LS_)	04/07 -	K9K 792	50						550385 550386 550409
	Estate (KS_)	04/07 -	K9K 792	50						550385 550386 550409
1.6	(LS_)	09/04 -	K7M 710	64	550467					
	Estate (KS_)	04/07 -	K7M 710	64	550467					
	(LS_)	04/07 -	K4M 690	77	550537					
	Estate (KS_)	04/07 -	K4M 697	77	550537					

MASTER

03/98 -

1.9 dCi 80	II Box (FD)	11/01 -	F9Q 772	60	550139	550020				
	II Bus (JD)	11/01 -	F9Q 772	60	550139	550020				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 dTi	II Box (FD)	09/00 -	F9Q 770	59	550139					
	II Bus (JD)	09/00 -	F9Q 770	59	550139					
2.2 dCi 90	II Box (FD)	09/00 -	G9T 722	66		550020				
	II Bus (JD)	09/00 -	G9T 722	66		550020				
	II Platform/Chassis (ED/HD/UD)	09/00 -	G9T 722	66		550020				
2.5 dCi 120	II Box (FD)	10/01 -	G9U 720, G9U 754	84		550020				
	II Platform/Chassis (ED/HD/UD)	10/01 -	G9U 720, G9U 754	84		550020				

MEGANE

08/95 -

1.4	I Classic (LA0/1_)	09/96 -	E7J 626, E7J 764	55	550537		550044	550140	550224	
	II Estate (KM0/1_)	08/03 -	K4J 730	72	550537 550568					
	II Saloon (LM0/1_)	09/03 -	K4J 730	72	550537 550568					
1.4 16V	II (BM0/1_, CM0/1_)	10/03 -	K4J 732	60	550537					
	I (BA0/1_)	03/99 -	K4J 714, K4J 750	70	550051 550537					
	I Cabriolet (EA0/1_)	03/99 -	K4J 714, K4J 750	70	550537					
	I Classic (LA0/1_)	03/99 -	K4J 714, K4J 750	70	550537					
	I Coach (DA0/1_)	03/99 - 08/03	K4J 714, K4J 750	70	550051 550066 550537					
	I Grandtour (KA0/1_)	03/99 -	K4J 714, K4J 750	70	550051 550537					
	II (BM0/1_, CM0/1_)	11/02 -	K4J 730	72	550537 550568					
1.4 e	I (BA0/1_)	01/96 -	E7J 626, E7J 764	55	550051 550537		550044	550140		
	I Grandtour (KA0/1_)	03/99 -	E7J 626	55	550051 550537			550141		
1.4 Eco	I (BA0/1_)	01/96 - 03/99	E7J 624	52	550537		550044			
1.4 i	Scenic (JA0/1_)	01/97 - 09/99	E7J 764	55	550024 550537		550044			
1.5 dCi	II (BM0/1_, CM0/1_)	05/05 -	K9K 724	63						550385 550386 550409
	II CoupÉ-Cabriolet (EM0/1_)	05/05 -	K9K 724	63						550385 550386 550409
	II Estate (KM0/1_)	05/05 -	K9K 724	63						550386
	II Saloon (LM0/1_)	05/05 -	K9K 724	63						550385 550386 550409
1.6	I (BA0/1_)	02/00 - 09/00	K7M 704	64	550537					
	II CoupÉ-Cabriolet (EM0/1_)	09/03 -	K4M 760	83	550537					
	II Estate (KM0/1_)	08/03 -	K4M 760	83	550537					
	II Saloon (LM0/1_)	09/03 -	K4M 760	83	550537					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 16V	I (BA0/1_)	03/99 -	K4M 700, K4M 701, K4M 704, K4M 708	79	550051 550537					
	I Cabriolet (EA0/1_)	03/99 -	K4M 700, K4M 701, K4M 708	79	550537					550377
	I Classic (LA0/1_)	03/99 -	K4M 700, K4M 701, K4M 708	79	550072 550537					
	I Coach (DA0/1_)	03/99 - 08/03	K4M 700, K4M 701, K4M 708	79	550051 550066 550072 550537					
	I Grandtour (KA0/1_)	03/99 -	K4M 700, K4M 701, K4M 704, K4M 708	79	550051 550072 550537					550079
	III Coupe (DZ0/1_)	11/08 -	K4M 858	81	550518					
	III Grandtour (KZ0/1)	05/09 -	K4M 858	81	550518					
	III Hatchback (BZ0_)	11/08 -	K4M 858	81	550518					
	II (BM0/1_, CM0/1_)	01/06 -	K4M 760	82	550537					
	II Estate (KM0/1_)	01/06 -	K4M 760	82	550537					
	II Saloon (LM0/1_)	01/06 -	K4M 812	82	550537					
	II (BM0/1_, CM0/1_)	11/02 -	K4M 760	83	550537					
					550023 550024 550049 550051 550066 550072 550536 550537		550044			550378
1.6 e	I (BA0/1_)	01/96 - 03/99	K7M 702, K7M 703, K7M 790	66	550023 550536 550537		550044			
	I Cabriolet (EA0/1_)	10/96 - 03/99	K7M 702, K7M 703	66	550023 550049 550072 550075 550536 550537		550044			
	I Classic (LA0/1_)	09/96 - 03/99	K7M 702, K7M 703, K7M 790	66	550023 550024 550051 550066 550536 550537		550044			550378
	I Coach (DA0/1_)	03/96 - 03/99	K7M 702, K7M 703	66	550051 550537		550044			550079
	I Grandtour (KA0/1_)	03/99 -	K7M 702, K7M 703	66	550024 550066 550072 550075 550536 550537		550044			550378
	I Scenic (JA0/1_)	01/97 - 09/99	K7M 702, K7M 703	66	550051 550537		550044			550079

RENAULT

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

RENAULT

					550023		550044			
					550024					
1.6 i	I (BA0/1_)	01/96 - 03/99	K7M 720	55	550049					
					550051					
					550537					
	I Classic (LA0/1_)	09/96 - 03/99	K7M 720	55	550049		550044			
					550537					
	Scenic (JA0/1_)	01/97 - 09/99	K7M 720	55	550024		550044			
					550537					
1.8 16V	I (BA0/1_)	01/01 -	F4P 720, F4P 722	85	550537					
	I Classic (LA0/1_)	01/01 -	F4P 720, F4P 722	85	550537					
	I Grandtour (KA0/1_)	01/01 -	F4P 720, F4P 722	85	550051					550079
					550537					
1.9 D	I Grandtour (KA0/1_)	04/99 -	F8Q 622, F8Q 790	47	550051					
	Scenic (JA0/1_)	03/97 - 09/99	F8Q 790	47	550024					
1.9 dCi	I (BA0/1_)	02/01 -	F9Q 732, F9Q 733	75	550058	550020				550377
	I Classic (LA0/1_)	02/01 -	F9Q 732, F9Q 738	75	550058	550020		550173		550377
					550058	550020				550377
	I Coach (DA0/1_)	02/01 - 08/03	F9Q 732, F9Q 733	75	550066					
					550536					
	I Grandtour (KA0/1_)	02/01 -	F9Q 732, F9Q 738	75	550051	550020		550173		550377
					550058					
	II (BM0/1_, CM0/1_)	11/02 -	F9Q 800	88	550139	550020				
	II CoupÉ-Cabriolet (EM0/1_)	09/03 -	F9Q 800	88		550020				
	II Estate (KM0/1_)	08/03 -	F9Q 800	88		550020				
	II Saloon (LM0/1_)	09/03 -	F9Q 800	88		550020				
1.9 dT	I (BA0/1_)	01/96 -	F8Q 784, F8Q 786	66	550021					550377
	I Classic (LA0/1_)	09/96 -	F8Q 784, F8Q 786	66	550021					550377
					550021					550377
	Scenic (JA0/1_)	01/97 - 09/99	F8Q 784, F8Q 786	66	550024					
1.9 dTi	I (BA0/1_)	02/01 -	F9Q 744	59	550058					550377
	I Classic (LA0/1_)	02/01 -	F9Q 744	59	550058					
	I Grandtour (KA0/1_)	02/01 -	F9Q 744	59	550051					
					550058					
	I (BA0/1_)	03/97 - 02/01	F9Q 730, F9Q 731, F9Q 734, F9Q 736	72	550058					550377
	I Classic (LA0/1_)	03/97 - 02/01	F9Q 730, F9Q 731, F9Q 734, F9Q 736	72	550058					550377
					550051					550377
	I Coach (DA0/1_)	03/97 - 02/01	F9Q 731, F9Q 734, F9Q 736	72	550058					
					550066					
					550536					
	I Grandtour (KA0/1_)	03/99 - 02/01	F9Q 731, F9Q 736	72	550051					550377
					550058					
	Scenic (JA0/1_)	04/97 - 09/99	F9Q 730, F9Q 734	72	550024					550377
					550058					
1.9 TDI	I (BA0/1_)	09/96 -	F8Q 784	69	550021					550377
	I Classic (LA0/1_)	09/96 -	F8Q 784	69	550021					550377
2.0	I Cabriolet (EA0/1_)	04/97 -	F3R 750	84			550044			550047

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	II CoupÈ-Cabriolet (EM0/1_)	09/03 -	F4R 770	99	550568						
	II Estate (KM0/1_)	08/03 -	F4R 770	99	550568						
	II Saloon (LM0/1_)	09/03 -	F4R 770	99	550568						
2.0 16V	I Cabriolet (EA0/1_)	01/02 -	F4R 770	102	550537					550377	
	I Coach (DA0/1_)	01/02 - 08/03	F4R 746	102	550066 550537					550377	
	I (BA0/1_)	07/96 -	F7R 710, F7R 714	108				550140		550377	
	I Cabriolet (EA0/1_)	10/96 - 11/99	F7R 710, F7R 714	108	550021					550377	
	I Coach (DA0/1_)	03/96 - 11/99	F7R 710, F7R 714	108	550021 550066 550536			550140		550377	
2.0 16V IDE	I Cabriolet (EA0/1_)	11/99 -	F5R 740	103	550537					550377	
	I Coach (DA0/1_)	11/99 - 08/03	F5R 740	103	550051 550066 550537					550377	
2.0 16V Turbo	II (BM0/1_, CM0/1_)	05/04 -	F4R 776	120	550568						
	II Coupe-Cabriolet (EM0/1_)	05/04 -	F4R 776	120	550568						
2.0 i	I (BA0/1_)	03/99 -	F3R 750	80	550021 550051 550072			550140			
	I Cabriolet (EA0/1_)	03/99 -	F3R 791, F3R 796	80	550537						
	I Classic (LA0/1_)	03/99 -	F3R 750	80	550021 550072			550140			
	I Coach (DA0/1_)	03/99 - 08/03	--	80	550021 550051			550140		550377	
	Scenic (JA0/1_)	01/99 - 09/99	F3R 796	80	550537					550377	
	I (BA0/1_)	01/96 -	F3R 750, F3R 751	84	550021		550044	550140		550047 550378	
	I Classic (LA0/1_)	09/96 -	F3R 750, F3R 751	84	550021		550044	550140		550047	
	I Coach (DA0/1_)	03/96 - 08/03	F3R 750, F3R 751	84	550021 550024 550066 550536		550044	550140		550047 550378	
	Scenic (JA0/1_)	01/97 - 09/99	F3R 750, F3R 751	84	550021 550024					550378	
2.0 Renault Sport	II (BM0/1_, CM0/1_)	05/04 -	F4R 774	165	550568					550386	
2.0 TCe	III Coupe (DZ0/1_)	11/08 -	F4R 870	132	550568						
	III Grandtour (KZ0/1)	11/08 -	F4R 870	132	550568						
	III Hatchback (BZ0_)	11/08 -	F4R 870	132	550568						
	III Coupe (DZ0/1_)	05/09 -	F4R 874	184	550568						
MEGANE CC		06/10 -									
2.0 TCe	(EZ0/1_)	06/10 -	F4R 870	132	550568						
MODUS		09/04 -									
1.2	(F/JP0_)	05/05 -	D4F 740	48	550467					550386	
	(F/JP0_)	12/04 -	D4F 740	55	550467					550386	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.2	(F/JP0_)	12/04 -	D4F 764	58	550467					
1.2 16V	(F/JP0_)	05/07 -	D4F 784	74	550467					
1.4	(F/JP0_)	12/04 -	K4J 770	72	550518					
1.5 dCi	(F/JP0_)	12/04 -	K9K 760	63						550385 550386 550409
1.6	(F/JP0_)	12/04 -	K4M 792	65	550518					
	(F/JP0_)	12/04 -	K4M 790, K4M 791	82	550518					

RAPID 07/85 - 11/98

1.4	Box (F40_, G40_)	08/88 - 03/98	C3J 700, C3J 702, C3J 760, C3J 762	43	550178 550180					
	Box (F40_, G40_)	07/85 - 08/91	C1J 768, C1J 780	43	550178 550180					
	Box (F40_, G40_)	03/86 - 08/91	C2J 784	44	550178					
	Box (F40_, G40_)	09/91 - 03/98	E7J 720, E7J 724, E7J 726, E7J 773	55	550179					
	Box (F40_, G40_)	01/94 - 03/98	E7J 728	58	550179					

SAFRANE 04/92 - 12/00

2.0 12V	I (B54_)	04/92 - 07/96	J7R 734, J7R 735	97	550021		550044			
2.0 16V	II (B54_)	07/96 - 12/00	N7Q 710, N7Q 711	100		550135				
2.2	I (B54_)	04/92 - 07/96	J7T 762	79	550021		550044			
	I (B54_)	04/92 - 07/96	J7T 760, J7T 761	101	550021		550044			
2.5 20V	II (B54_)	07/96 - 12/00	N7U 700, N7U 701	121		550135			550144	
3.0 Biturbo 4x4	I (B54_)	02/93 - 07/96	Z7X 726	193	550021		550286			
3.0 V6	I (B54_)	12/92 - 07/96	Z7X 721, Z7X 722, Z7X 723	123	550021		550286			
	II (B54_)	07/96 - 12/00	Z7X 721, Z7X 722, Z7X 723	123	550021		550286			
3.0 V6 4x4	I (B54_)	12/92 - 07/96	Z7X 721, Z7X 722, Z7X 723	123	550021		550286			

SCENIC 09/99 -

1.4	II (JM0/1_)	06/03 -	K4J 730	72	550537					
1.4 16V	I (JA0/1_)	09/99 - 08/03	K4J 714, K4J 750	70	550051 550537					
1.5 dCi	II (JM0/1_)	05/05 -	K9K 724	63						550385 550386 550409
1.6	II (JM0/1_)	06/03 -	K4M 761, K4M 782	83	550537					
					550051					550079
1.6 16V	I (JA0/1_)	09/99 - 08/03	K4M 700, K4M 701, K4M 704, K4M 708	79	550072 550537					
	II (JM0/1_)	01/07 -	K4M 812	82	550537					
					550051					550377
1.8 16V	I (JA0/1_)	01/01 - 08/03	F4P 720, F4P 722	85	550072 550537					
1.8 4x4	I (JA0/1_)	07/00 - 04/01	F4P 722	85	550537					550377
1.9 dCi	I (JA0/1_)	09/99 - 08/03	F9Q 732, F9Q 733	75	550058	550020		550173		550377

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

RENAULT



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 dCi	II (JM0/1_)	06/03 -	F9Q 812	88		550020				
1.9 dCi RX4	I (JA0/1_)	11/00 - 08/03	F9Q 740	75	550058			550173		
1.9 dTi	I (JA0/1_)	02/01 - 08/03	F9Q 744	59	550058					
	I (JA0/1_)	09/99 - 08/03	F9Q 731, F9Q 734, F9Q 736	72	550058					550377
2.0	II (JM0/1_)	06/03 -	F4R 770, F4R 771	99	550568					
					550051					550377
2.0 16V	I (JA0/1_)	07/00 - 08/03	F4R 740, F4R 741	102	550072					
					550537					
	I (JA0/1_)	09/99 - 08/03	F4R 740	103	550537					550377
2.0 16V RX4	I (JA0/1_)	06/00 - 08/03	F4R 744, F4R 746	102	550537					
2.0 16V Turbo	II (JM0/1_)	05/04 -	F4R 776	120	550568					

SUPER 5 10/84 - 12/96

1.4	(B/C40_)	10/84 - 06/88	C1J 768, C1J 780	43	550178					
	(B/C40_)	10/85 - 12/96	C3J 700, C3J 702, C3J 760	43	550178					
	(B/C40_)	06/87 - 08/90	C2J 784	44	550178					
	(B/C40_)	06/87 - 07/89	C2J 782	49	550178					
	(B/C40_)	10/84 - 07/89	C2J 700, C2J 780, C2J 781, C2J 788, C2J 789, C2J 798	52	550178					
					550180					
1.4 Turbo	(B/C40_)	04/85 - 08/90	C1J 782, C1J 784, C1J 788	88	550178					
					550180					
1.7	(B/C40_)	10/86 - 03/95	F3N 716, F3N 717	54	550180					
	(B/C40_)	06/87 - 03/95	F2N 740, F2N 742	64	550180					
1.7 i	(B/C40_)	10/86 - 08/91	F3N 702, F3N 722	69	550180					

THALIA 02/98 -

1.4 16V	(LB0/1/2_)	08/00 -	K4J 712	72	550537					
1.5 dCi	(LB0/1/2_)	02/03 -	K9K 700	50				550173		
1.9 D	(LB0/1/2_)	02/98 - 05/01	F8Q 630	48	550537					

TRAFIC 03/89 - 03/01

1.7	Box (TXX)	08/92 - 08/94	F1N 720	50	550180					
	Bus (TXW)	08/92 - 08/94	F1N 724	50	550180					
	Platform/Chassis (PXX)	05/89 - 08/94	F1N 722	50	550180					
2.2	Box (TXX)	05/89 - 06/94	J7T 780	70				550140		
	Bus (TXW)	05/89 - 06/94	J7T 780	70				550140		
	Box (TXX)	06/94 - 10/97	J7T 600	74				550140		
	Bus (TXW)	06/94 - 10/97	J7T 600	74				550140		
2.2 4x4	Box (TXX)	05/89 - 06/94	J7T 780	70				550140		
	Bus (TXW)	05/89 - 06/94	J7T 780	70				550140		
	Box (TXX)	06/94 - 10/97	J7T 600	74				550140		
	Bus (TXW)	06/94 - 10/97	J7T 600	74				550140		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

TRAFIC II 03/01 -

1.9 dCi 100	Box (FL)	03/01 -	F9Q 760	74	550139	550020	550173		
1.9 dCi 100	Bus (JL)	03/01 -	F9Q 760	74	550139	550020	550173		
1.9 dCi 100	Platform/Chassis (EL)	03/01 -	F9Q 760	74			550173		
1.9 dCi 80	Box (FL)	03/01 -	F9Q 760	60	550139	550020	550173		
1.9 dCi 80	Bus (JL)	03/01 -	F9Q 762	60		550020	550173		
1.9 dCi 80	Platform/Chassis (EL)	03/01 -	F9Q 762	60			550173		
2.0	Box (FL)	03/01 -	F4R 720, F4R 722	88	550568				
	Bus (JL)	03/01 -	F4R 720, F4R 722	88	550568				
	Platform/Chassis (EL)	03/01 -	F4R 720	88	550568				
2.0 16V	Box (FL)	08/06 -	F4R 820	86	550568				
	Bus (JL)	08/06 -	F4R 820	86	550568				
2.5 dCi 135	Box (FL)	05/03 -	G9U 730	99		550020			
	Bus (JL)	05/03 -	G9U 730	99		550020			

TWINGO 03/93 -

1.2	(C06_)	03/93 - 10/96	C3G 700, C3G 702	40	550023 550049		550140	550149	
	(C06_)	05/96 -	D7F 700, D7F 701	40	550023 550024 550049	550044	550086 550140		
	Box (S06_)	03/93 - 05/96	C3G 700, C3G 702	40			550140		
	(C06_)	05/96 -	D7F 700, D7F 701, D7F 702, D7F 703, D7F 704	43	550023 550024 550049	550044	550086 550140		
	(CN0_)	03/07 -	D7F 800	43	550467				
	Box (S06_)	05/96 -	D7F 700, D7F 701, D7F 702, D7F 703, D7F 704, D7F 706	43			550140		
1.2 16V	(C06_)	08/04 -	D4F 708	44	550467				550386 550387
	(C06_)	01/01 -	D4F 702, D4F 704	55	550024 550049		550086		550387
	(CN0_)	03/07 -	D4F 772	56	550467				550386
1.2 Turbo	(CN0_)	03/07 -	D4F 780	74	550467				
1.5 dCi	(CN0_)	03/07 -	K9K 740	47					550385 550386 550409

VEL SATIS 06/02 -

2.0 16 V Turbo	(BJ0_)	04/04 -	F4R 766	125	550568				550386
2.0 16V Turbo	(BJ0_)	06/02 -	F4R 762, F4R 763	120	550568				550386
2.2 dCi	(BJ0_)	06/02 -	G9T 702	110		550020			
3.5	(BJ0_)	10/04 -	V4Y 715	170			550598		
3.5 V6	(BJ0_)	06/02 -	V4Y 701	177			550598		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

RENAULT



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

ROVER

ROVER

200 11/95 - 03/00

220 D/SD	(RF)	11/95 - 03/00	20 T2R	63	550231					550587
220 SDi	(RF)	11/95 - 03/00	20 T2N	77	550231					550587

25 09/99 - 05/05

1.1	(RF)	09/99 - 06/01	11 K4F	55		550572				
1.4 16V	(RF)	10/99 -	14 K4M	62		550572				
	(RF)	10/99 -	14 K4F	76		550572				
1.6 16V	(RF)	10/99 -	16 K4F	80		550572				
1.8 16V	(RF)	10/99 -	18 K4F	85		550572				
2.0 iDT	(RF)	10/99 -	20 T2N	74	550231					550587
	(RF)	01/02 - 06/04	20 T2N	83						550587

400 05/95 - 03/00

416 Si	(RT)	05/95 - 03/00	D 16 Y2	83					550276	
	Hatchback (RT)	06/95 - 03/00	D 16 Y2	83					550276	
420 D	(RT)	11/95 - 03/00	20 T2R	63	550231					550587
	Hatchback (RT)	11/95 - 03/00	20 T2R	63	550231					550587
420 Di	(RT)	05/95 - 03/00	20 T2N	77	550231					550587
	Hatchback (RT)	05/95 - 03/00	20 T2N	77	550231					550587

45 02/00 -

1.4	(RT)	02/00 -	14 K4F	76		550572				
1.6	(RT)	02/00 -	16 K4F	80		550572				
1.8	(RT)	02/00 -	18 K4F	86		550572				
	Saloon (RT)	02/00 -	18 K4F	86		550572				
2.0 iDT	(RT)	02/00 - 05/05	20 T2N	74	550231					550587
	Saloon (RT)	02/00 -	20 T2N	74	550231					550587
	(RT)	01/04 -	20 T2N	83						550587
	Saloon (RT)	01/04 -	20 T2N	83						550587

600 08/93 - 02/99

620 Sdi	(RH)	12/94 - 02/99	20 T2N	77	550231					550587
---------	------	---------------	--------	----	--------	--	--	--	--	--------

75 02/99 -

1.8	(RJ)	02/99 -	K 1.8	88		550572				
1.8 Turbo	(RJ)	05/03 -	--	110		550572				
	Tourer (RJ)	05/03 -	--	110		550572				

SAAB

9-3 02/98 -

1.9 TiD	(YS3F)	09/04 -	Z 19 DT	88	550268				550271	
	Estate	03/05 -	Z 19 DTJ	88	550268				550271	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TiD	(YS3F)	09/04 -	Z 19 DTH	110						550271
	Convertible (YS3F)	01/06 -	Z 19 DTH	110						550271
	Estate	03/05 -	Z 19 DTH	110						550271
1.9 TTiD	(YS3F)	12/07 -	A 19 DTR	96						
	Estate	12/07 -	A 19 DTR	96						
	(YS3F)	12/07 -	A 19 DTR	118						
	Convertible (YS3F)	12/07 -	A 19 DTR	118						
	Estate	12/07 -	A 19 DTR	118						
	(YS3F)	12/07 -	Z 19 DTR	132						550271
	Convertible (YS3F)	12/07 -	Z 19 DTR	132						550271
	Estate	12/07 -	Z 19 DTR	132						550271
2.0 i	(YS3D)	02/98 - 09/02	B204I	96	550264					550301
	Cabriolet (YS3D)	02/98 - 08/03	B204I	96	550264					550301
2.0 SE Turbo	(YS3D)	02/98 - 09/02	B204R	147	550068 550264					550301
	Cabriolet (YS3D)	02/98 - 08/03	B204R	147	550068 550264					550301
2.0 Turbo	(YS3D)	01/01 - 09/02	B205E	110	550264					550301
	Cabriolet (YS3D)	01/01 - 08/03	B205E	110	550264					
	(YS3D)	10/98 - 09/02	B204E	113	550068					550301
	Cabriolet (YS3D)	10/98 - 08/03	B204E	113	550068					550301
	(YS3D)	02/98 - 09/02	B204L	136	550068 550264					550301
	Cabriolet (YS3D)	02/98 - 08/03	B204L	136	550068 550264					550301
	(YS3D)	10/99 - 09/02	B205R	151	550068 550264					550301
	Cabriolet (YS3D)	10/99 - 08/03	B205R	151	550068 550264					
2.2 TiD	(YS3D)	02/98 - 11/00	D223L, X 22 DTH	85	550192					550362
	(YS3D)	11/00 - 09/02	D223L	92						550362
2.3 i	(YS3D)	02/98 - 09/02	B234I	110	550264					550301
	Cabriolet (YS3D)	02/98 - 08/03	B234I	110	550264					550301
2.3 Turbo	(YS3D)	10/98 - 09/02	B235R	165	550264					550301
	Cabriolet (YS3D)	10/99 - 08/03	B235R	165	550264					
2.8 Turbo V6	(YS3F)	03/05 -	--	184						550364
	Convertible (YS3F)	02/06 -	LP9	184						550364
	Estate	03/05 -	LP9	184						550364
	(YS3F)	12/07 -	B284L	188						550364
	Convertible (YS3F)	12/07 -	B284L	188						550364
	Estate	12/07 -	B284L	188						550364

9-5

09/97 -

1.9 TiD	(YS3E)	01/06 -	Z 19 DTH	110						550271
---------	--------	---------	----------	-----	--	--	--	--	--	--------

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TiD	Estate (YS3E)	01/06 -	Z 19 DTH	110				550271		
2.0 t	(YS3E)	09/97 -	B205E	110	550264					
	Estate (YS3E)	10/98 -	B205E	110	550264					
	Estate (YS3E)	10/98 -	B204R	141	550264					
2.2 TiD	(YS3E)	03/02 -	D223L	88	550192					
	Estate (YS3E)	03/02 -	D223L	88	550192					
2.3 t	(YS3E)	09/97 -	B235E	125	550264					
	Estate (YS3E)	10/98 -	B235E	125	550264					
	(YS3E)	01/01 -	B235E	136	550264					
	Estate (YS3E)	01/01 -	B235E	136	550264					
2.3 Turbo	(YS3E)	07/03 -	B235L	162	550264					
	Estate (YS3E)	07/03 -	B235L	162	550264					
	(YS3E)	10/99 - 09/01	B235R	169	550264					
	Estate (YS3E)	10/99 - 09/01	B235R	169	550264					
	(YS3E)	09/01 -	B235R	184	550264					
	Estate (YS3E)	09/01 -	B235R	184	550264					
900		09/78 - 02/98								
2.0 -16	I (AC4, AM4)	01/89 - 12/93	B202I	93				550199		
	I Combi Coupe	01/89 - 08/92	B202I	93				550199		
	I Convertible	01/90 - 06/94	B202I	93				550199		
2.0 -16 Turbo	II	07/93 - 02/98	B204L	136	550068 550264				550144 550301	
	II Convertible	12/93 - 02/98	B204L	136	550068 550264				550144 550301	
	II Coupe	12/93 - 02/98	B204L	136	550068 550264				550144 550301	
2.0 i	II	08/94 - 02/98	B204I	96	550068 550264				550144 550301	
	II Convertible	12/93 - 02/98	B204I	96	550068 550264				550144 550301	
	II Coupe	08/94 - 02/98	B204I	96	550068 550264				550144 550301	
	II	07/93 - 07/94	B206I	98					550144	
	II Coupe	12/93 - 07/94	B206I	98	550068				550144	
2.0 Turbo	I (AC4, AM4)	10/86 - 12/91	B201XL	103				550199		
2.0 Turbo-16	I (AC4, AM4)	11/85 - 12/93	B202XL	118				550199		
	I Combi Coupe	11/85 - 06/94	B202XL	118				550199		
	I Convertible	11/86 - 06/94	B202XL	118				550199		
	I Combi Coupe	01/93 - 06/94	B202L	132				550199		
2.0 Turbo-16 S	I (AC4, AM4)	01/84 - 12/88	B202XL	129				550199		
	I Combi Coupe	02/84 - 12/88	B202XL	129				550199		
	I Convertible	11/86 - 06/94	B202XL	129				550199		
2.0 Turbo-16 S CAT	I Combi Coupe	01/89 - 12/93	B202XL	125				550199		

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 Turbo-16 S CAT	I (AC4, AM4)	01/89 - 12/93	B202XL	129			550199		
2.1 -16	I (AC4, AM4)	08/90 - 12/93	B212I	100			550199		550144
	I Combi Coupe	09/90 - 07/93	B212I	100			550199		550144
	I Convertible	08/90 - 06/94	B212I	100			550199		550144
2.3 -16	II	07/93 - 02/98	B234I	110	550068 550264				550144 550301
	II Convertible	12/93 - 02/98	B234I	110	550068 550264				550144 550301
	II Coupe	12/93 - 02/98	B234I	110	550068 550264				550144 550301
2.5 -24 V6	II	07/93 - 02/98	B258I	125		550465			
	II Convertible	12/93 - 02/98	B258I	125		550465			
	II Coupe	12/93 - 02/98	B258I	125		550465			

9000

09/84 - 12/98

2.0 -16	Hatchback	12/85 - 12/88	B202XI (KAT)	92			550199		
	Hatchback	12/85 - 08/88	B202XI	94			550199		
2.0 -16 CD		09/93 - 12/98	B204I	96	550068				550144 550301
		09/93 - 12/98	B204E	110	550068				550144 550301
2.0 -16 CS	Hatchback	09/93 - 12/98	B204I	96	550068				550144 550301
2.0 -16 ND Turbo	Hatchback	09/93 - 12/98	B202S, B204E	110	550068				550144 550301
2.0 -16 Turbo		05/88 - 08/93	B202XL	118					550144
	Hatchback	09/84 - 08/93	B202XL	118			550199		550144
	Hatchback	05/88 - 08/93	B202XL	120					550144
	Hatchback	06/89 - 12/92	B202	127			550199		550144
		04/85 - 12/91	B202XL	129			550199		550144
	Hatchback	09/84 - 12/91	B202XL	129			550199		550144
2.0 -16 Turbo CD		09/92 - 12/98	B202S, B204E	108	550068		550199		550144 550301
		09/88 - 08/93	B202XL	120					550144
		09/89 - 12/98	B202L	136			550199		
2.0 -16 Turbo CS	Hatchback	09/88 - 12/98	B202L	136			550199		
2.3 -16 Aero CS	Hatchback	02/93 - 12/98	B234R	162	550068				550144 550301
	Hatchback	02/93 - 12/98	B234R	165	550068				550144 550301
2.3 -16 CD		08/89 - 12/98	B234I	107	550068				550144
2.3 -16 CD Turbo		07/90 - 12/98	B234L	147	550068				550144 550301
2.3 -16 CDE		09/93 - 12/98	B234I	108	550068				550144 550301
2.3 -16 CDE Eco-Power		09/93 - 12/98	B234E	125	550068				550144 550301

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.3 -16 CS	Hatchback	09/89 - 12/98	B234I	107	550068					550144
2.3 -16 CSE	Hatchback	09/93 - 12/98	B234I	108	550068					550144 550301
2.3 -16 CSE Eco Power	Hatchback	09/93 - 12/98	B234E	125	550068					550144 550301
2.3 -16 Turbo		09/90 - 08/93	B234L	143						550144
	Hatchback	09/90 - 12/98	B234L	143	550068					550144
2.3 -16 Turbo CSE	Hatchback	09/93 - 12/98	B234L	147	550068					550144 550301

SEAT

ALHAMBRA

04/96 - 03/10

1.8 T 20V	(7V8, 7V9)	10/97 - 03/10	AJH, AWC	110	550099 550109 550232	550222	550106 550602	550132 550606		550324 550495
1.9 TDI	(7V8, 7V9)	04/96 - 03/10	1Z, AHU, ANU	66	550099 550102 550103	550254		550132 550606		
	(7V8, 7V9)	08/96 - 06/00	AFN, AVG	81	550099					550324
	(7V8, 7V9)	06/00 - 03/10	AUY	85	550102 550103	550254		550132 550606		
	(7V8, 7V9)	11/02 - 11/08	ASZ	96	550099	550254		550265		
	(7V8, 7V9)	05/05 - 05/07	ARL	110				550265		
1.9 TDI 4motion	(7V8, 7V9)	06/00 - 03/10	AUY, BVK	85	550102 550103	550254		550132 550606		
2.0 i	(7V8, 7V9)	04/96 - 03/10	ADY, ATM	85	550099 550108 550232	550235	550106 550107			550324
2.0 TDI	(7V8, 7V9)	11/05 - 03/10	BRT	103				550265		
2.8 V6	(7V8, 7V9)	06/00 - 03/10	AYL	150			550106			
2.8 V6 4motion	(7V8, 7V9)	06/00 - 03/10	AYL	150			550106			

ALTEA

03/04 -

1.4 16V	(5P1)	05/06 -	BXW	63						550365
1.4 TSI	(5P1)	11/07 -	CAXC	92		550120				550606
1.6	(5P1)	03/04 -	BGU, BSE, BSF	75	550123	550028	550106	550085		
1.8 TFSI	(5P1)	01/07 -	BYT	118						550263
1.9 TDI	(5P1)	04/04 -	BJB, BKC, BLS, BXE	77	550119					550265 550606
2.0 FSI	(5P1)	05/04 - 03/09	BLR, BLY, BVY, BVZ	110	550232	550027 550476				550085
2.0 TDI	(5P1)	03/04 - 05/09	AZV	100	550119					550265
	(5P1)	11/05 -	BMM	103						550265
	(5P1)	03/06 -	BMN	125						550265
2.0 TDI 16V	(5P1)	03/04 -	BKD	103	550119					550265
2.0 TFSI	(5P1)	04/06 - 05/09	BWA	147						550263

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

ALTEA XL

10/06 -

1.4 16V	(5P5, 5P8)	10/06 -	BXW	63					550365	
1.4 TSI	(5P5, 5P8)	11/07 -	CAXC	92		550120			550606	
1.6 Multifuel	(5P5, 5P8)	10/06 -	CCSA	75					550557 550570	
1.8 TFSI	(5P5, 5P8)	01/07 -	BYT	118					550263	
1.9 TDI	(5P5, 5P8)	10/06 -	BLS, BXE	77					550265 550606	
2.0 FSI	(5P5, 5P8)	10/06 - 03/09	BVY, BVZ	110		550476				
2.0 TDI	(5P5, 5P8)	10/06 -	BMM	103					550265	
2.0 TDI 16V	(5P5, 5P8)	10/06 -	BKD	103					550265	
2.0 TDI 4x4	(5P5, 5P8)	06/07 -	BMN	125					550265	
2.0 TFSI 4x4	(5P5, 5P8)	06/07 - 05/09	BWA	147					550263	

AROSA

05/97 - 06/04

1.0	(6H)	05/97 - 06/04	AER, ALD, ALL, ANV, AUC	37		550221			550085 550194 550237	550324
1.4	(6H)	05/97 - 06/04	AEX, AKK, AKV, ANW, APQ, AUD	44		550221			550085 550237	550324
1.4 16V	(6H)	01/00 - 06/04	AFK, AQQ, AUB	74			550026 550033		550194	550324
1.4 TDI	(6H)	01/00 - 06/04	AMF	55		550101	550254		550132	

CORDOBA

02/93 - 11/09

1.0	(6K2)	06/99 - 10/02	ALD, ANV, AUC	37					550237	550324
1.0 i	(6K2/C2)	09/96 - 06/99	AER	37					550237	550324
1.2	(6L2)	10/02 - 06/06	AZQ	47		550029	550120		550085	
1.4	(6K2)	06/99 - 10/02	AKK, ANW, AUD	44		550221			550085	550324
	Vario (6K5)	06/99 - 12/02	AKK, ANW, AUD	44		550221			550085	550324
1.4 16V	(6K2)	05/00 - 10/02	APE, AUA	55			550026 550033		550194	550324
	(6L2)	09/02 - 12/07	BBY	55		550388	550026 550033	550106	550194	
	Vario (6K5)	06/99 - 12/02	APE	55			550026 550033		550194	550324
	(6L2)	05/06 - 11/09	BXW	63					550365	
	(6K2)	02/00 - 10/02	AQQ, AUB	74			550026 550033			550324
	(6L2)	10/02 - 11/09	AUB	74			550026 550033	550106	550194	
1.4 i	(6K2/C2)	06/94 - 06/99	ABD, AEX, AKV, ANX, APQ	44						550324
	Vario (6K5)	09/96 - 06/99	AEX, AKV, ANX, APQ	44						550324
1.4 i 16V	(6K2/C2)	09/96 - 06/99	AFH	74					550194	550324
1.4 TDI	(6L2)	05/05 - 11/09	BNM	51			550254		550606	
	(6L2)	10/02 - 12/05	AMF	55		550101	550254		550606	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 TDI	(6L2)	06/05 - 11/09	BMS, BNV	59		550254		550606		
1.6	(6K2)	06/99 - 10/02	ALM	55				550194		550324
	Vario (6K5)	06/99 - 12/02	ALM	55				550194		550324
	(6K2)	06/99 - 10/02	AEH, AKL, APF, AUR	74	550099 550109 550123	550235				550324
	(6L2)	04/03 - 11/09	BAH	74			550106	550194 550365		
	Vario (6K5)	06/99 - 12/02	AEH, AKL, APF, AUR	74	550099 550109 550123	550235				550324
1.6 16V	(6L2)	11/06 - 11/09	BTS	77				550365		
1.6 i	(6K2/C2)	02/93 - 06/99	ABU, AEE, ALM	55				550194		550324
	Vario (6K5)	09/96 - 06/99	AEE, ALM	55				550194		550324
	Vario (6K5)	05/97 - 06/99	1F	55						550324
	(6K2/C2)	07/96 - 10/99	AFT	74			550236			550587
	Hatchback	07/96 - 06/99	AFT	74						550587
	Vario (6K5)	09/96 - 06/99	AFT	74			550236			550587
1.8		12/99 - 09/02	AQX	115						550495
1.8 i	(6K2/C2)	02/93 - 06/99	ABS, ACC	66	550099					550324
1.8 i 16V	(6K2/C2)	10/93 - 08/96	ADL	95			550107			
1.8 T 20V Cupra	(6K2)	07/00 - 10/02	AQX, AYP	115	550109	550222				550324 550495
1.9 D		05/99 - 09/02	AQM	50	550452 550585					
		05/99 - 09/02	ALH	66	550452 550585					
		05/99 - 09/02	ASV	81	550452 550585					
1.9 SDI	(6K2)	06/99 - 10/02	AGP, AQM	50	550452 550585					550324
	Vario (6K5)	06/99 - 12/02	AGP, AQM	50	550452 550585					550324
1.9 TDI	(6K2)	06/99 - 10/02	AGR, ALH	66	550452 550585			550132		550324
	(6K2/C2)	08/96 - 06/99	1Z, AHU	66	550585					
	Vario (6K5)	06/99 - 12/02	AGR, ALH	66	550452 550585			550132		550324
	(6L2)	09/02 - 11/09	ATD	74	550103			550606		
	(6K2)	06/99 - 10/02	ASK, ASV	81	550452 550585			550132		550324
	Vario (6K5)	06/99 - 12/02	ASK, ASV	81	550452 550585			550132		550324
	(6L2)	10/02 - 11/09	ASZ	96	550103					
2.0	(6L2)	09/02 - 11/09	AZL, BBX	85	550123	550235		550365		
2.0 i	(6K2/C2)	02/93 - 06/99	2E, AGG	85	550108		550107			
2.0 i 16V	(6K2/C2)	08/96 - 06/99	ABF	110	550108		550107			

SEAT

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

IBIZA 03/93 -

1.0	II (6K1)	03/93 - 09/96	AAU	33						550324
	III (6K1)	08/99 - 02/02	ALD, ANV, AUC	37	550221			550237		550324
1.0 i	II (6K1)	09/96 - 08/99	AER	37				550237		550324
1.2	V (6J5)	07/09 -	CGPB	44				550557 550570		
	V SPORTCOUPE (6J1)	07/09 -	CGPB, CHFA	44				550557 550570		
	V ST (6J8)	05/10 -	CGPB	44				550557 550570		
	IV (6L1)	02/02 - 06/06	AZQ	47	550029			550085		
	V (6J5)	03/08 -	BZG	51				550557 550570		
	V SPORTCOUPE (6J1)	07/08 -	BZG	51				550557 550570		
	V ST (6J8)	05/10 -	CGPA	51				550557 550570		
1.3 i	II (6K1)	03/93 - 08/99	AAV	40						550324
1.4	III (6K1)	08/99 - 02/02	AKK, ANW, AUD	44	550221			550085		550324
	V (6J5)	03/08 -	BXW	63				550365		
	V SPORTCOUPE (6J1)	07/08 -	BXW	63				550365		
1.4 16V	III (6K1)	05/00 - 02/02	APE, AUA	55		550026 550033		550194		550324
	IV (6L1)	02/02 - 12/07	BBY	55	550388		550106	550194 550365		
	IV (6L1)	05/06 - 11/09	BXW	63				550365		
	III (6K1)	08/99 - 02/02	AQQ, AUB	74		550026 550033	550106	550194		550324
	IV (6L1)	02/02 - 11/09	AUB, BBZ	74			550106	550194 550606		
1.4 i	II (6K1)	09/93 - 08/99	ABD, AEX, AKV, APQ	44				550237		550324
1.4 i 16V	II (6K1)	06/97 - 08/99	AFH	74				550194		550324
1.4 TDI	IV (6L1)	05/05 - 11/09	BNM	51		550254		550606		
	IV (6L1)	05/02 - 12/05	AMF	55	550101	550254		550606		
	IV (6L1)	06/05 - 11/09	BMS, BNV	59		550254		550606		
	V (6J5)	07/08 -	BMS	59				550606		
	V SPORTCOUPE (6J1)	07/08 -	BMS	59				550606		
1.6	III (6K1)	08/99 - 02/02	ALM	55				550194		550324
	III (6K1)	08/99 - 02/02	AEH, AKL, APF, AUR	74	550099 550109 550123	550235				550324
	IV (6L1)	02/03 - 11/09	BAH	74		550120	550106	550194 550365		
1.6 16V	IV (6L1)	11/06 - 11/09	BTS	77				550365		
1.6 i	II (6K1)	03/93 - 08/99	ABU, AEE, ALM	55				550194		550324
	II (6K1)	09/94 - 06/99	1F	55	550099					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 i	II (6K1)	04/96 - 08/99	AFT	74			550236			550587
1.6 LPG	V (6J5)	05/11 -	CNKA	60				550557		
	V SPORTCOUPE (6J1)	05/11 -	CNKA	60				550557		
1.8 i	II (6K1)	03/93 - 08/99	ABS, ADZ	66	550099					550324
1.8 i 16V	II (6K1)	11/93 - 08/96	ADL	95			550107			
1.8 T 20V Cupra	III (6K1)	07/00 - 02/02	AQX, AYP	115	550109	550222				550324 550495
1.8 T Cupra R	IV (6L1)	01/04 - 02/08	BBU	132	550123	550222	550106	550606		
1.8 T FR	IV (6L1)	12/03 - 05/08	BJX, BKV	110	550123	550222	550106	550606		
1.9 SDI	III (6K1)	08/99 - 02/02	AGP, AQM	50	550452 550585					550324
1.9 TDI	III (6K1)	08/99 - 02/02	AGR, ALH	66	550452 550585			550132		550324
	IV (6L1)	02/02 - 11/09	ATD	74	550103			550606		
	V (6J5)	03/08 -	BLS	77				550606		
	V SPORTCOUPE (6J1)	07/08 -	BLS	77				550606		
	III (6K1)	08/99 - 02/02	ASK, ASV	81	550452 550585			550132		550324
	IV (6L1)	02/02 - 11/09	ASZ	96	550103					
1.9 TDI Cupra R	IV (6L1)	03/04 - 02/08	BPX	118	550102	550254		550265		
2.0	IV (6L1)	04/02 - 11/09	AZL	85				550606		
2.0 i	II (6K1)	03/93 - 08/99	2E, AGG	85	550108		550107			
2.0 i 16V	II (6K1)	08/96 - 08/99	ABF	110	550108		550107			

INCA

11/95 - 06/03

1.4 16V	(6K9)	04/00 - 06/03	AUA	55			550026 550033	550194 550237		
1.4 i	(6K9)	11/95 - 06/03	AEX, AKV, APQ, AUD	44	550221			550085 550237		550324
1.6 i	(6K9)	06/97 - 09/00	ALM	55				550194		
1.9 SDI	(6K9)	11/95 - 06/03	AEY, AYQ	47	550585					

LEON

11/99 -

1.4 16V	(1M1)	11/99 - 06/06	AHW, APE, AUA, AXP	55			550026 550033 550235	550106 550085 550194		
	(1P1)	06/06 -	BXW	63				550365 550557 550570		
1.4 TSI	(1P1)	11/07 -	CAXC	92				550606		
1.6	(1M1)	11/99 - 06/06	AKL, APF	74	550099 550100 550109 550138	550235 550478				
	(1M1)	10/05 - 06/06	BGU	75			550478			
	(1P1)	07/05 -	BSE, BSF	75	550123			550085 550557 550570		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS****SEAT**

1.6 16 V	(1M1)	09/00 - 06/06	ATN, AUS, AZD	77	550376	550026 550033	550106	550085 550194		
1.6 MultiFuel	(1P1)	11/10 -	CMXA	75				550557		
1.8 20V	(1M1)	11/99 - 06/06	AGN, APG	92	550099 550100 550109 550138	550222	550602			
1.8 20V T	(1M1)	11/99 - 06/06	APP, AUQ	132	550109 550123	550222	550106 550602	550132 550606		550495
1.8 20V T 4	(1M1)	11/99 - 06/06	AJQ, ARY	132	550109 550123	550222	550106 550602	550132 550606		550495
1.8 T Cupra R	(1M1)	02/02 - 06/06	AMK	154	550124	550222	550106	550263		550495
	(1M1)	07/03 - 06/06	BAM	165	550124	550222	550106	550263		550495
1.8 TSI	(1P1)	06/07 -	BZB	118				550263		
1.8 Turbo 4x4	(1M1)	05/02 - 05/03	AMK	154						550495
1.9 SDI	(1M1)	11/99 - 06/06	AQM	50	550585					
					550099 550100			550132 550606		
1.9 TDI	(1M1)	11/99 - 06/06	AGR, ALH	66	550138 550452 550585					
	(1P1)	06/07 -	BXF	66				550606		
	(1M1)	10/05 - 06/06	AXR	74	550102	550254		550606		
	(1P1)	07/05 -	BKC, BLS	77				550606		
					550099 550100			550132 550606		
	(1M1)	11/99 - 06/06	AHF, ASV	81	550138 550452 550585					
	(1M1)	05/03 - 06/06	ASZ	96	550102	550254		550265		
	(1M1)	02/01 - 06/06	ARL	110	550102	550254		550265 550366		
1.9 TDI Syncro	(1M1)	05/02 - 06/06	ARL	110	550102	550254		550265 550366		
2.0 FSI	(1P1)	07/05 - 05/10	BLR, BLY, BVY, BVZ	110	550232	550476		550085		
2.0 TDI	(1P1)	10/05 -	BMM	103				550265		
2.0 TDI 16V	(1P1)	07/05 -	BKD	103				550265		
2.0 TFSI	(1P1)	09/05 - 05/06	BWA1	136	550123			550263		
	(1P1)	05/05 - 03/09	BWA	147				550263		
2.8 Cupra 4	(1M1)	02/01 - 06/06	AUE	150			550106			

MARBELLA**08/86 - 10/98**

0.9 CAT	(28)	01/90 - 11/96	100 GL 7000	29	550091					
---------	------	---------------	-------------	----	--------	--	--	--	--	--

Mii**10/11 -**

1.0	(KF1_)	10/11 -	CHYA	44				550557		
	(KF1_)	10/11 -	CHYB	55				550557		

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

TOLEDO

01/91 - 05/09

1.4 16V	II (1M2)	07/99 - 05/06	APE, AUA	55	550026 550033	550106	550085 550194		
1.6	II (1M2)	04/99 - 09/00	AEH, APF	74	550100 550109 550138	550235 550478			
	III (5P2)	10/04 - 05/09	BGU, BSE, BSF	75	550123	550028	550106	550085	
1.6 16V	II (1M2)	09/00 - 05/06	AUS, AZD	77	550376	550026 550033	550106	550085 550194	
1.6 i	I (1L)	05/91 - 12/93	1F	52			550236		
	I (1L)	05/91 - 03/99	1F, ABN, EZ	54			550236		
	I (1L)	01/93 - 03/99	1F	55			550236		
	I (1L)	11/96 - 03/99	AFT	74			550236		550587
1.8 16V	I (1L)	05/91 - 03/99	PL	92			550236		
	I (1L)	05/91 - 03/99	KR	98			550236		
1.8 20V	II (1M2)	04/99 - 05/06	AGN, APG	92	550100 550109 550138	550222	550215 550602		
	II (1M2)	05/01 - 05/06	APP	132	550123		550106 550602	550132	550495
	I (1L)	05/91 - 12/96	RP	65			550236		
1.8 TFSI	III (5P2)	01/07 - 05/09	BZB	118				550263	
	II (1M2)	04/99 - 05/06	AGR, ALH	66	550100 550138 550452 550585			550132 550606	
1.9 TDI	III (5P2)	10/04 - 05/09	BJB, BKC	77	550119			550606	
	II (1M2)	04/99 - 05/06	AHF, ASV	81	550100 550138 550452 550585			550132 550606	
	II (1M2)	05/03 - 05/06	ASZ	96	550102	550254		550265	
	II (1M2)	10/00 - 05/06	ARL	110	550102	550254		550366	
2.0 FSI	III (5P2)	10/04 - 05/09	BLR, BLY	110	550232	550027		550085	
2.0 i	I (1L)	05/91 - 03/99	2E, AGG	85	550108		550107		
2.0 i 16V	I (1L)	11/93 - 03/99	ABF	110	550108		550107		
	III (5P2)	11/05 - 05/09	BMM	103				550265	
2.0 TDI	III (5P2)	01/06 - 05/09	BMN	125				550265	
	III (5P2)	04/04 - 05/09	BKD	103	550119			550265	
2.0 TFSI	III (5P2)	11/05 - 05/09	BWA	147				550263	
2.3 V5	II (1M2)	04/99 - 05/01	AGZ	110					550495
2.3 V5 20V	II (1M2)	05/01 - 05/06	AQN	125			550106		

SKODA

SKODA

FABIA

08/99 -

1.0	(6Y2)	12/99 - 08/02	AQV, ARV	37			550602	550194	
-----	-------	---------------	----------	----	--	--	--------	--------	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS**

1.2	(6Y2)	08/02 - 03/08	AWY, BMD	40	550029	550120	550106	550194		
	Saloon (6Y3)	07/01 - 12/07	AWY, BMD	40	550029	550120	550106	550194		
	(6Y2)	01/03 - 03/08	AZQ, BME	47	550029	550120		550085		
	Combi (6Y5)	01/03 - 12/07	AZQ, BME	47	550029	550120		550085		
	Praktik	01/03 - 12/07	AZQ, BME	47				550085		
	Saloon (6Y3)	01/03 - 12/07	AZQ, BME	47	550029	550120		550085		
		01/07 -	BZG	51		550120				
	Combi	10/07 -	BZG	51		550120				
1.4	(6Y2)	08/00 - 08/02	AZE, AZF	44			550602	550194		
	Combi (6Y5)	04/00 - 12/07	AZE, AZF	44			550602	550194		
	Saloon (6Y3)	04/00 - 08/02	AZE, AZF	44			550602	550194		
	(6Y2)	08/99 - 03/08	AME, AQW, ATZ	50			550602	550194		
	Combi (6Y5)	04/00 - 12/07	AME, AQW, ATZ	50			550602	550194		
	Saloon (6Y3)	07/01 - 12/07	AME, AQW	50			550602	550194		
	Combi	10/07 -	BXW	63				550365		
1.4 16V	(6Y2)	12/99 - 03/08	AUA, BBY, BKY	55	550388	550026 550033	550106	550194 550365		
	Combi (6Y5)	05/00 - 12/07	AUA, BBY, BKY	55	550388	550026 550033	550106	550194 550365		
	Saloon (6Y3)	10/99 - 12/07	AUA, BBY, BKY	55	550388	550026 550033	550106	550194 550365		
	(6Y2)	12/99 - 03/08	AUB, BBZ	74			550106	550194		
	Combi (6Y5)	04/00 - 12/07	AUB, BBZ	74		550026 550033	550106	550194		
	Saloon (6Y3)	12/99 - 12/07	AUB, BBZ	74		550026 550033	550106	550194		
1.4 TDI		02/07 -	BNM	51			550254	550606		
	(6Y2)	10/05 - 03/08	BNM	51			550254	550606		
	Combi	10/07 -	BNM	51			550254	550606		
	Combi (6Y5)	10/05 - 12/07	BNM	51			550254	550606		
	Praktik	10/05 - 12/07	BNM	51			550254	550606		
	Saloon (6Y3)	10/05 - 12/07	BNM	51			550254	550606		
	(6Y2)	04/03 - 03/08	AMF	55	550101	550254		550606		
	Combi (6Y5)	04/03 - 12/07	AMF	55	550101	550254		550606		
	Saloon (6Y3)	04/03 - 12/07	AMF	55	550101	550254		550606		
		01/07 -	BMS	59				550606		
	(6Y2)	10/05 - 03/08	BNV	59			550254	550606		
	Combi	10/07 -	BMS	59				550606		
	Combi (6Y5)	10/05 - 12/07	BNV	59			550254	550606		
	Saloon (6Y3)	10/05 - 12/07	BNV	59			550254	550606		
1.6		04/07 -	BTS	77			550120	550365		
	Combi	10/07 -	BTS	77			550120	550365		
1.9 SDI	(6Y2)	12/99 - 03/08	ASY	47	550585					

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 SDI	Combi (6Y5)	04/00 - 12/07	ASY	47	550585					
	Praktik	07/01 - 12/07	ASY	47	550585					
	Saloon (6Y3)	11/99 - 12/07	ASY	47	550585					
1.9 TDI	(6Y2)	01/00 - 03/08	ATD	74	550102			550132		
								550606		
	Combi (6Y5)	04/00 - 12/07	ATD	74	550102			550132		
								550606		
	Saloon (6Y3)	01/00 - 12/07	ATD	74	550102			550132		
								550606		
		04/07 -	BLS, BSW	77	550103			550606		
	Combi	10/07 -	BLS, BSW	77	550103			550606		
1.9 TDI RS	(6Y2)	06/03 - 03/08	ASZ	96	550102					
2.0	(6Y2)	12/99 - 03/08	AQY, AZL	85	550109	550235	550106			
					550123					
	Combi (6Y5)	04/00 - 12/07	AZL	85	550109	550235	550106			
					550123					
	Saloon (6Y3)	12/99 - 12/07	AZL	85	550109	550235	550106			
					550123					

FELICIA

10/94 - 04/02

1.6	I Fun (797)	06/97 - 04/02	AEE	55				550194		
	II (6U1)	01/98 - 06/01	AEE	55				550194		
	II Estate (6U5)	01/98 - 06/01	AEE	55				550194		
1.6 GLX	I Estate (6U5)	08/95 - 03/98	AEE	55				550194		
1.6 LX	I (6U1)	08/95 - 03/98	AEE	55				550194		

OCTAVIA

09/96 -

1.2 TSI	(1Z3)	02/10 -	CBZB	77				550605		
	Combi (1Z5)	02/10 -	CBZB	77				550605		
1.4	(1U2)	04/99 - 03/01	AMD	44			550602	550194		
	(1Z3)	05/04 - 05/06	BCA	55	550119		550106	550365		
	(1Z3)	06/04 -	BUD	59				550365		
	Combi (1Z5)	05/06 -	BUD	59				550365		
1.4 16V	(1U2)	09/00 - 12/10	AXP, BCA	55		550026	550106	550085		
						550033				
	Combi (1U5)	08/00 - 12/10	AXP, BCA	55		550026	550106	550085		
						550033				
1.4 TSI	(1Z3)	11/08 -	CAXA	90				550605		
								550606		
	Combi (1Z5)	11/08 -	CAXA	90				550605		
								550606		
1.6	(1U2)	09/96 - 09/04	AEE	55				550194		
	Combi (1U5)	07/98 - 09/04	AEE	55				550194		
					550099	550235				550324
					550100	550478				550495
	(1U2)	02/97 - 12/07	AEH, AKL	74	550109					
					550138					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

SKODA

1.6	Combi (1U5)	07/98 - 12/07	AEH, AKL	74	550099 550100 550109 550138	550235 550478				550324
	(1U2)	11/00 - 12/10	AVU, BFQ	75	550100 550123	550028 550478				
	(1Z3)	06/04 -	BGU	75	550123	550028	550106	550085 550605		
	Combi (1U5)	09/00 - 12/10	AVU, BFQ	75	550100 550123	550028 550478				
	Combi (1Z5)	09/04 -	BGU	75	550123	550028	550106	550085 550605		
1.6 FSI	(1Z3)	02/04 - 10/08	BLF	85		550120	550106	550365		
	Combi (1Z5)	02/04 - 10/08	BLF	85		550120	550106	550365		
1.6 LPG	(1Z3)	08/09 -	CHGA	75				550605		
	Combi (1Z5)	08/09 -	CHGA	75				550605		
1.8	(1U2)	09/96 - 07/00	AGN	92	550099 550100 550109 550138	550222	550602			550324 550495
1.8 20V	Combi (1U5)	07/98 - 07/00	AGN	92	550099 550100 550109 550138	550222	550602			550324 550495
1.8 T	(1U2)	08/97 - 12/10	AGU, ARX, ARZ, AUM	110	550100 550109	550222	550106 550602	550132 550606		550324 550495
	Combi (1U5)	07/98 - 12/10	AGU, ARX, ARZ, AUM	110	550100 550109	550222	550106 550602	550132 550606		550324 550495
1.8 T 4x4	(1U2)	05/01 - 05/06	ARX, AUM	110	550100 550109	550222	550106 550602	550132 550606		550324 550495
	Combi (1U5)	05/01 - 05/06	AGU, ARX, AUM	110	550100 550109	550222	550106 550602	550132 550606		550324 550495
1.8 TSI	(1Z3)	06/07 -	BZB	118		550480		550605		
	Combi (1Z5)	06/07 -	BZB	118		550480		550605		
1.8 TSI 4x4	Combi (1Z5)	11/08 -	CDA	118				550605		
1.9 SDI	(1U2)	06/97 - 12/03	AGP, AQM	50	550452 550585					
	Combi (1U5)	07/98 - 12/03	AGP, AQM	50	550452 550585					
1.9 TDI	(1U2)	09/96 - 03/10	AGR, ALH	66	550100 550452 550585			550132 550606		
	Combi (1U5)	07/98 - 03/10	AGR, ALH	66	550100 550452 550585			550132 550606		
	(1U2)	10/05 - 12/10	AXR	74	550102	550254		550606		
	Combi (1U5)	08/00 - 12/10	ATD, AXR	74	550102	550254		550606		
	(1Z3)	06/04 - 12/10	BJB, BKC	77	550119	550027		550606		
	Combi (1Z5)	09/04 - 12/10	BJB, BKC	77	550119	550027		550606		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TDI	(1U2)	08/97 - 01/06	AHF, ASV	81	550099 550100 550138 550452 550585			550132 550606		550324
	Combi (1U5)	07/98 - 01/06	AHF, ASV	81	550099 550100 550138 550452 550585			550132 550606		550324
	(1U2)	09/02 - 09/04	ASZ	96	550102	550254		550265		
	Combi (1U5)	09/02 - 09/04	ASZ	96	550102	550254		550265		
1.9 TDI 4x4	Combi (1U5)	11/99 - 02/06	AGR	66	550100 550452 550585			550132		
	Combi (1U5)	09/00 - 01/06	ATD	74	550102	550254		550132 550606		
	Combi (1Z5)	11/04 - 12/10	BKC	77		550027		550606		
2.0	(1U2)	04/99 - 05/07	AEG, APK, AQY, AZH	85	550099 550100 550109 550138	550235	550106			550324
	Combi (1U5)	04/99 - 05/07	AEG, APK, AQY, AZH, AZJ	85	550099 550100 550109 550138		550106			550324
2.0 4x4	Combi (1U5)	08/00 - 09/04	AZH, AZJ	85	550099 550100 550109 550138	550235	550106			550324
2.0 FSI	(1Z3)	11/04 -	BLR, BLY	110	550232	550027 550476		550085		
	Combi (1Z5)	11/04 -	BLR, BLY	110	550232	550027 550476		550085		
2.0 FSI 4x4	Combi (1Z5)	11/04 -	BLX	110		550027 550476		550085		
2.0 RS	(1Z3)	10/05 -	BWA	147				550263		
	Combi (1Z5)	10/05 -	BWA	147				550263		
2.0 TDI	(1Z3)	11/05 -	BMM	103				550265		
	Combi (1Z5)	11/05 -	BMM	103				550265		
2.0 TDI 16V	(1Z3)	02/04 -	BKD	103	550119	550027		550265 550605		
	Combi (1Z5)	02/04 -	BKD	103	550119	550027		550265 550605		
2.0 TDI 16V 4x4	Combi (1Z5)	05/10 -	CFHC	103				550605		
2.0 TDI 4x4	Combi (1Z5)	07/06 -	BMM	103				550265		
RS 1.8 T	(1U2)	05/01 - 01/06	AUQ	132	550123	550222	550106	550132 550606		550495
	Combi (1U5)	08/02 - 01/06	AUQ	132	550123		550106	550132 550606		

SKODA

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

ROOMSTER 03/06 -

1.2	(5J)	05/06 - 01/07	BME	47	550120					
1.4	(5J)	09/06 -	BXW	63				550365		
1.4 TDI	(5J)	07/06 - 03/10	BNM	51	550254			550606		
	(5J)	09/06 - 03/10	BMS	59				550606		
1.6	(5J)	09/06 -	BTS	77	550120			550365		
1.9 TDI	(5J)	03/06 - 05/06	AXR	74				550606		
	(5J)	09/06 - 03/10	BLS	77	550103			550606		

ROOMSTER Praktik 03/07 -

1.2	(5J)	03/07 -	BZG	51	550120					
1.4 TDI	(5J)	03/07 - 03/10	BNM	51	550254			550606		
	(5J)	03/07 - 03/10	BMS	59				550606		

SUPERB 02/02 -

1.4 TSI	(3T4)	07/08 -	CAXC	92				550606		
	Estate (3T5)	10/09 -	CAXC	92				550606		
1.8 T	(3U4)	02/02 - 03/08	AWT	110	550372	550222		550132	550495	
								550263		
1.8 TSI	(3T4)	03/08 -	BZB, CDAA	118		550480				
1.9 TDI	(3U4)	08/02 - 10/05	AVB	74				550606		
	(3T4)	03/08 -	BLS, BXE	77				550606		
	(3U4)	10/05 - 05/07	BSV	77				550606		
	Estate (3T5)	10/09 - 11/10	BLS, BXE	77				550606		
	(3U4)	01/07 - 03/08	BPZ	85				550606		
	(3U4)	02/02 - 03/08	AVF, AWX	96				550265		
2.0	(3U4)	02/02 - 03/08	AZM	85	550109	550235				
2.0 TDI	(3U4)	10/05 - 03/08	BSS	103				550265		
2.5 TDI	(3U4)	02/02 - 08/03	AYM	114	550372			550132		
	(3U4)	06/03 - 03/08	BDG	120	550372			550606		
2.8 V6	(3U4)	02/02 - 03/08	AMX	142	550109	550222			550495	
					550124					

YETI 05/09 -

1.4 TSI	(5L)	06/10 -	CAXA	90				550605		
								550606		
2.0 TDI 4x4	(5L)	05/09 -	CBDB, CFHC	103				550605		
	(5L)	11/09 -	CEGA, CFJA	125				550605		

SMART

CABRIO 03/00 - 01/04

0.6	(450)	03/00 - 01/04	M 160 E6AL B03	40	550166					
	(450)	01/01 - 01/04	M 160 E6AL B05	45	550166					
0.8 CDI	(450)	03/01 - 01/04	OM 660 DE 8LA	30	550166					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

CITY-COUPÉ

07/98 - 01/04

0.6	(450)	07/98 - 01/04	M 160 E6AL B04	33	550166 550229					
	(450)	07/98 - 01/04	M 160 E6AL B03	40	550166 550229					
	(450)	01/01 - 01/04	M 160 E6AL B05	45	550166 550229					
0.8 CDI	(450)	11/99 - 01/04	OM 660 DE 8LA	30	550166 550229					

FORFOUR

01/04 -

1.1	(454)	02/05 -	M 134.911	47	550524					
	(454)	01/04 -	M 134.910	55	550524					
1.5	(454)	01/04 -	M 135.950	80	550524					
	(454)	01/04 -	M 135.950	90	550524					
1.5 CDI	(454)	09/04 -	OM 639.939	50	550275					
	(454)	09/04 -	OM 639.939	70	550275					

FORTWO

01/04 -

0.8 CDI	Cabrio (450)	01/04 -	OM 660 DE 8LA	30	550166					
	Coupe (450)	01/04 -	OM 660 DE 8LA	30	550166					
0.8 CDi	Cabrio (451)	01/07 -	OM 660.950	33				550142		
	Coupe (451)	01/07 -	OM 660.950	33				550142		

SSANGYONG

KORANDO

12/96 -

2.0	(KJ)	05/97 -	--	94	550226					
2.3	(KJ)	05/97 -	M 111.970	103	550226					
	Cabrio (KJ)	11/97 -	--	103	550226					
	(KJ)	01/99 -	--	105	550226					
	Cabrio (KJ)	02/99 -	--	105	550226					
3.2	(KJ)	12/96 -	M 104.995	154	550256	550369				
	(KJ)	01/99 -	M 104.995	156	550256	550369				
	Cabrio (KJ)	01/99 -	M 104.995	156	550256	550369				
	(KJ)	06/97 -	--	162	550256					

MUSSO

02/95 -

2.0	(FJ)	10/96 -	E20	93	550226					
2.3	(FJ)	10/96 -	M 111.970	103	550226					
	(FJ)	04/03 -	--	110	550226					
3.2	(FJ)	06/96 -	M 104.992	162	550256					

SUBARU

FORESTER

07/97 - 09/02

2.0	(SF)	08/97 - 09/02	EJ20	90	550283	550595				
-----	------	---------------	------	----	--------	--------	--	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0	(SF)	06/98 - 09/02	EJ20	92	550283		550595			
2.0 S Turbo	(SF)	06/98 - 04/01	EJ20	125			550595			

IMPREZA 08/92 -

1.6 AWD	Saloon (GD, GG)	12/00 -	EJ16	70	550283					
2.0	Saloon (GD, GG)	12/00 -	EJ20	92	550283					
2.0 i 4WD	Saloon (GC)	10/95 - 12/00	EJ20	85			550595			
2.0 Turbo GT 4WD	Saloon (GC)	03/94 - 12/00	EJ20 (Turbo)	155			550596			

JUSTY 09/03 -

1.3	III (G3X)	09/03 -	M13A	69	550350	550347				
-----	-----------	---------	------	----	--------	--------	--	--	--	--

LEGACY 02/94 - 08/03

2.0	III (BE, BH)	04/99 - 08/03	EJ20	92			550595			
	III Estate (BE, BH)	12/98 - 08/03	EJ20	92			550595			
2.0 i 4WD	II Estate (BD, BG)	09/94 - 11/98	EJ20	85			550596			
2.5	III (BE, BH)	10/98 - 08/03	EJ25	115			550595			
	III Estate (BE, BH)	12/98 - 08/03	EJ25	115			550595			

SUZUKI**ALTO 01/09 -**

1.0	V (GF)	01/09 -	K10B	50	550527					
-----	--------	---------	------	----	--------	--	--	--	--	--

BALENO 03/95 - 05/02

1.6 i 16V	(EG)	07/95 - 05/02	G16B	72	550342	550347				
	Estate (EG)	08/96 - 05/02	G16B	72	550342					
	Hatchback (EG)	07/95 - 05/02	G16B	72	550342	550347				
	Estate (EG)	08/96 - 05/02	--	73	550342					
1.6 i 16V 4x4	(EG)	07/95 - 05/02	G16B	72	550342	550347				
	Estate (EG)	08/96 - 05/02	G16B	72	550342					
	Hatchback (EG)	07/95 - 05/02	G16B	72	550342	550347				
	Estate (EG)	08/96 - 05/02	G16B	73	550342					

CARRY 02/99 -

1.3	Box (FD)	03/99 -	G13B	58	550343					
1.3 16 V	Box (FD)	03/00 -	G13BB	58	550343					

GRAND VITARA 03/98 -

1.6	I (FT, GT)	03/98 -	G16B	69	550342	550347				
1.6 All-wheel Drive	II (JT)	09/05 -	M16A	73		550535				
2.0 HDI 110 16V	I (FT, GT)	07/01 -	RHW, RHZ	80		550117				

IGNIS 10/00 -

1.3	(FH)	10/00 - 09/03	M13A	61	550350					
	II	09/03 -	M13A	69	550350					
					550534					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.3 4WD	(FH)	10/00 - 09/03	M13A	61	550350					
1.3 4x4	II	09/03 -	M13A	69	550350 550534					
1.3 DDiS	II	09/03 -	Z13DT	51	550003			550097		
1.5	II	09/03 -	M15A	73	550350 550534	550347 550535				
1.5 4x4	II	09/03 -	M15A	73	550350 550534	550347 550535				

JIMNY 09/98 -

1.3 16V	(FJ)	09/98 -	G13BB	59	550350					
	(FJ)	02/01 -	M13A	60	550350					
1.3 16V 4WD	(FJ)	09/98 -	G13BB	59	550350					
	(FJ)	02/01 -	M13A	60	550350 550534					
1.3 16V 4x4	(FJ)	08/05 -	M13A	63	550350 550534	550535				
1.3 4x4	(FJ)	09/98 - 08/00	G13BB	63	550350					
	(FJ)	09/00 - 08/02	M13A	65	550534	550535				

LIANA 07/01 -

1.3	(ER)	03/02 -	M13A	66	550350					
	Estate (ER)	07/01 -	--	66	550350					
1.4 DDiS	(ER)	04/04 -	8HY	66		550117		550569		
	Estate (ER)	04/04 -	8HY	66		550117		550569		
1.6	(ER)	03/02 -	M16A	76		550535				
	Estate (ER)	07/01 -	M16A	76		550535				
1.6 4WD	(ER)	03/02 -	--	76		550535				
	Estate (ER)	07/01 -	--	76		550535				
	(ER)	04/02 -	M16A	78		550535				
	Estate (ER)	04/02 -	M16A	78		550535				
1.6 i	(ER)	04/02 -	M16A	78		550535				
	Estate (ER)	04/02 -	M16A	78		550535				

SPLASH 01/08 -

1.0		01/08 -	K10B	48	550527					
1.2		01/08 -	K12B	63	550527					
1.3 CDTI		01/08 -	D13A	55						

SWIFT 10/83 -

1.2	IV (MZ, EZ)	10/10 -	K12B	69	550527					
1.2 4x4	IV (MZ, EZ)	10/10 -	K12B	69	550527					
1.3	II Hatchback (EA, MA)	03/89 - 05/01	G13A	50	550342					
	II Saloon (AH, AJ)	03/89 - 05/01	G13A	50	550342					
	II Saloon (AH, AJ)	03/89 - 12/91	G13A	52	550342					

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.3 4WD	II Hatchback (EA, MA)	03/89 - 05/01	G13A	50	550342					
	II Hatchback (EA, MA)	10/89 - 12/91	G13A	52	550342					
1.3 4x4	III (SG)	01/06 -	M13A	66		550535				
1.3 DDiS	III (SG)	08/05 -	Z13DT	51	550003				550097	
	III (SG)	08/05 -	D13A	55					550097	
	IV (MZ, EZ)	10/10 -	D13A	55						
1.3 GTi	II Hatchback (EA, MA)	03/89 - 05/01	G13B	74	550342					
1.3 GTi/GXi	I (AA)	08/86 - 03/89	G13B	74	550342					
1.3 i	Convertible (SF413)	09/91 - 10/96	G13BA	50	550342					

SX4 06/06 -

1.5 VVT	(GY)	07/10 -	M15A	82	550534					
1.6	(GY)	06/06 -	M16A	74	550534					
	Saloon (GY)	10/07 -	M16A	74	550534					
	Saloon (GY)	10/07 -	M16A	75	550534					
	Saloon (GY)	10/07 -	M16A	79	550534					
	Saloon (GY)	10/07 -	M16A	88	550534					
1.6 DDiS	(GY)	04/07 -	9HX	66					550569	
1.6 VVT	(GY)	07/09 -	M16A	88	550534					
1.6 VVT 4x4	(GY)	07/09 -	M16A	82	550534					
	(GY)	07/09 -	M16A	88	550534					

WAGON R+ 05/00 -

1.3	(MM)	05/00 -	G13BB	56	550342					
	(MM)	09/03 -	M13A	69	550350					
1.3 4WD	(MM)	10/01 -	--	56	550342					
	(MM)	09/03 -	M13A	69	550350					
1.3 DDiS	(MM)	09/03 -	Z13DT	51	550003				550097	

X-90 09/95 -

1.6 i 16V	(EL)	09/95 -	G16B	71	550342					
1.6 i 16V 4x4	(EL)	09/95 -	G16B	71	550342					

TOYOTA

AURIS 10/06 -

1.33 Dual-VVTi	(_ZE15_, _RE15_)	05/09 -	1NR-FE	74				550567		
								550589		
1.4 D-4D	(_ZE15_, _RE15_)	03/07 -	1ND-TV	66			550128			
							550288			
1.6	(_ZE15_, _RE15_)	05/09 -	1ZR-FAE	97				550567		
								550589		
1.6 VVTi	(_ZE15_, _RE15_)	03/07 -	1ZR-FE	91				550567		
								550589		
1.8	(_ZE15_, _RE15_)	02/09 -	2ZR-FAE	108				550567		
								550589		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

TOYOTA



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

AVENSIS		09/97 -							
1.6	(_T22_)	09/97 - 10/00	4A-FE	74	550440				550144
	Liftback (_T22_)	09/97 - 10/00	4A-FE	74	550440				550144
	Station Wagon (_T22_)	09/97 - 10/00	4A-FE	74	550440				550144
	(_T22_)	09/97 - 10/00	4A-FE	81	550440				550144
	Liftback (_T22_)	09/97 - 10/00	4A-FE	81	550440				550144
	Station Wagon (_T22_)	09/97 - 10/00	4A-FE	81	550440				550144
	Estate (T27)	02/09 -	1ZR-FAE	97			550567		550589
	Saloon (T27)	02/09 -	1ZR-FAE	97			550567		550589
1.6 VVT-i	(T25)	04/03 -	3ZZ-FE	81			550567		550589
	Estate (T25)	04/03 -	3ZZ-FE	81			550567		550589
	Saloon (T25)	04/03 -	3ZZ-FE	81			550567		550589
1.8	(_T22_)	09/97 - 10/00	7A-FE	81	550440				
	Liftback (_T22_)	09/97 - 10/00	7A-FE	81	550440				
	Station Wagon (_T22_)	09/97 - 10/00	7A-FE	81	550440				
	(T25)	04/03 -	1ZZ-FE	95			550567		550589
	Estate (T25)	04/03 -	1ZZ-FE	95			550567		550589
	Saloon (T25)	04/03 -	1ZZ-FE	95			550567		550589
	Estate (T27)	02/09 -	2ZR-FAE	108			550567		550589
	Saloon (T27)	02/09 -	2ZR-FAE	108			550567		550589
1.9 D	(_T22_)	09/02 - 02/03	1CD-FTV	85	550610				
	Station Wagon (_T22_)	09/02 - 02/03	1CD-FTV	85	550610				
2.0	(_T22_)	09/97 - 10/00	3S-FE	94	550517				
	Liftback (_T22_)	09/97 - 10/00	3S-FE	94	550517				
	(T25)	04/03 -	1AZ-FSE	108	550442		550567		550589
	Estate (T25)	04/03 -	1AZ-FSE	108	550442		550567		550589
	Saloon (T25)	04/03 -	1AZ-FSE	108			550567		550589
	Estate (T27)	02/09 -	3ZR-FAE	112			550567		550589
	Saloon (T27)	02/09 -	3ZR-FAE	112			550567		550589
2.0 D	Liftback (_T22_)	09/02 - 02/03	1CD-FTV	85	550610				
2.0 D-4D	(_T22_)	10/99 - 02/03	1CD-FTV	81	550610				
	Liftback (_T22_)	10/99 - 02/03	1CD-FTV	81	550610				

TOYOTA

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 D-4D	Station Wagon (_T22_)	10/99 - 02/03	1CD-FTV	81		550610			
	(T25)	04/03 -	1CD-FTV	85		550610			
	Estate (T25)	04/03 -	1CD-FTV	85		550610			
	Saloon (T25)	04/03 -	1CD-FTV	85		550610			
2.0 VVTi	(T25)	03/03 -	1AZ-FE	114			550567		
							550589		
	Saloon (T25)	03/03 -	1AZ-FE	114			550567		
							550589		
2.4	(T25)	10/03 -	2AZ-FSE	120	550442		550567		
							550589		
	Estate (T25)	10/03 -	2AZ-FSE	120	550442		550567		
							550589		
	Saloon (T25)	10/03 -	2AZ-FSE	120			550567		
							550589		
	(T25)	09/03 -	2AZ-FSE	125	550442		550567		
							550589		
	Estate (T25)	09/03 -	2AZ-FSE	125	550442		550567		
							550589		
	Saloon (T25)	09/03 -	2AZ-FSE	125			550567		
							550589		

AVENSIS VERSO 08/01 -

2.0 D-4D	(_ACM2_)	08/01 - 08/05	1CD-FTV	85		550610			
2.0 VVT-i	(_ACM2_)	08/01 -	1AZ-FE	110			550567		
							550589		
2.4 VVTi 4x4	(_ACM2_)	11/03 - 08/06	2AZ-FE	115			550567		
							550589		
2.4 VVTi GLS	(_ACM2_)	10/03 -	2AZ-FE	115			550567		
							550589		

AYGO 07/05 -

1.4 HDi	(B10)	07/05 -	2WZ-TV	40	550315				550383
---------	-------	---------	--------	----	--------	--	--	--	--------

CAMRY 06/91 -

2.2	(_CV1_, _XV1_, _V1_)	06/91 - 08/96	5S-FE	100	550517				
2.4 VVT-i	(_XV3_)	11/01 -	2AZ-FE	112	550442				
2.4 VVTi	Saloon (_XV4_)	01/06 -	2AZ-FE	116			550567		
							550589		
2.4 VVTi LE	(_XV3_)	01/06 -	2AZ-FE	116			550567		
							550589		
3.0 24V	(_CV2_, _XV2_)	08/96 - 11/01	1MZ-FE	140		550610	550591		
3.0 V6	(_CV2_, _XV2_)	08/96 - 11/01	1MZ-FE	135		550610			
	(_XV3_)	11/01 -	1MZ-FE	137		550610			
3.5 VVTi XLE	(_XV3_)	01/06 -	2GR-FE	197			550567		
							550589		

CAMRY SOLARA 03/98 - 03/00

3.0	Coupe	03/98 - 03/00	1MZ-FE	140					550443
-----	-------	---------------	--------	-----	--	--	--	--	--------

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

TOYOTA



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

CARINA		04/92 - 09/97							
	E Saloon (_T19_)	04/92 - 09/97	4A-FE	79					550144
1.6	E (_T19_)	12/93 - 09/97	4A-FE	73					550144
	E Saloon (_T19_)	01/95 - 09/97	4A-FE	73					550144
	E Saloon (_T19_)	10/95 - 09/97	4A-FE	78					550144
	E Saloon (_T19_)	01/93 - 09/97	4A-FE	79					550144
	E (_T19_)	12/93 - 09/97	4A-FE	85					550144
1.6 16V	E (_T19_)	10/95 - 09/97	4A-FE	78					550144
	E Saloon (_T19_)	12/94 - 09/97	4A-FE	85					550144
1.6 GLI	E (_T19_)	04/92 - 09/97	4A-FE	79					550144
	E Sportswagon (_T19_)	01/93 - 09/97	4A-FE	79					550144
1.6 i	E Sportswagon (_T19_)	02/95 - 09/97	4A-FE	73					550144
2.0	E Saloon (_T19_)	01/93 - 09/97	3S-FE	98	550517				
2.0 GLI	E (_T19_)	04/92 - 09/97	3S-FE	98	550517				
2.0 i	E (_T19_)	12/93 - 09/97	3S-FE	93	550517				
	E Saloon (_T19_)	12/92 - 09/97	3S-FE	93	550517				

CELICA		11/99 -							
1.8 16V TS	(ZZT23_)	11/99 -	2ZZ-GE	141					550567 550589 550591

COROLLA		04/97 -							
1.33	Saloon (E15_)	01/07 -	1NR-FE	74					550567 550589
1.4	Compact (_E11_)	02/00 - 01/02	4ZZ-FE	71					550144
	Liftback (_E11_)	02/00 - 01/02	4ZZ-FE	71					550144
1.4 16V	(_E11_)	02/00 - 01/02	4ZZ-FE	71					550144
	Wagon (__E11_)	02/00 - 01/02	4ZZ-FE	71					550144
1.4 D	(_E12U_, _E12J_)	07/04 -	1ND-TV	66		550128 550288			
	Estate (_E12J_, _E12T_)	07/04 -	1ND-TV	66		550128 550288			
	Saloon (_E12J_, _E12T_)	07/04 -	1ND-TV	66		550128 550288			
1.4 VVT-i	(_E12U_, _E12J_)	01/02 - 12/06	4ZZ-FE	71					550567 550589
	Estate (_E12J_, _E12T_)	01/02 -	4ZZ-FE	71					550567 550589
	Saloon (_E12J_, _E12T_)	08/02 -	4ZZ-FE	71					550567 550589
	Verso (_E12J_)	01/02 - 05/04	4ZZ-FE	71					550567 550589
1.6	Verso (ZER_, ZZE_, R1_)	04/04 - 03/09	3ZZ-FE	81					550567 550589
	Saloon (_E12J_, _E12T_)	11/06 -	1ZR-FE	91					550567 550589

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6	Saloon (E15_)	01/09 -	1ZR-FAE	97			550567 550589			
1.6 Dual VVTi	Saloon (E15_)	01/07 -	1ZR-FE	91			550567 550589			
1.6 VVT-i	(_E12U_, _E12J_)	01/02 - 12/06	3ZZ-FE	81			550567 550589			
	Estate (_E12J_, _E12T_)	01/02 -	3ZZ-FE	81			550567 550589			
	Saloon (_E12J_, _E12T_)	08/02 -	3ZZ-FE	81			550567 550589			
	Verso (_E12J_)	01/02 - 05/04	3ZZ-FE	81			550567 550589			
1.6 VVTi	(_E12U_, _E12J_)	10/06 -	1ZR-FE	91			550567 550589			
1.8	Verso (ZER_, ZZE_, R1_)	04/04 - 03/09	1ZZ-FE	95			550567 550589			
1.8 VVT-i	Verso (_E12J_)	01/02 - 05/04	1ZZ-FE	99			550567 550589			
1.8 VVTi All-wheel Drive	Verso (_E12J_)	10/01 - 02/04	1ZZ-FE	99			550567 550589			
2.0 D-4D	(_E11_)	09/00 - 01/02	1CD-FTV	66			550610			
	(_E12U_, _E12J_)	01/02 - 12/06	1CD-FTV	66			550610			
	Compact (_E11_)	09/00 - 01/02	1CD-FTV	66			550610			
	Estate (_E12J_, _E12T_)	01/02 -	1CD-FTV	66			550610			
	Liftback (_E11_)	09/00 - 01/02	1CD-FTV	66			550610			
	Saloon (_E12J_, _E12T_)	08/02 -	1CD-FTV	66			550610			
	Verso (_E12J_)	01/02 - 05/04	1CD-FTV	66			550610			
	Wagon (__E11_)	09/00 - 01/02	1CD-FTV	66			550610			
	(_E12U_, _E12J_)	01/02 - 12/06	1CD-FTV	81			550610			
	(_E12U_, _E12J_)	05/03 -	1CD-FTV	85			550610			
	Estate (_E12J_, _E12T_)	04/04 -	1CD-FTV	85			550610			
	Verso (ZER_, ZZE_, R1_)	04/04 - 03/09	1CD-FTV	85			550610			
2.0 D4d	Saloon (_E12J_, _E12T_)	06/04 -	1CD-FTV	85			550610			

HILUX

11/82 -

2.5 D 4x4	III Pickup	08/05 -	2KD-FTV	75			550541			
2.5 D-4D	II Pickup (_N_)	11/01 -	2KD-FTV	65			550540 550541			
	III Pickup	06/06 -	2KD-FTV	75			550541			
	III Pickup	12/07 -	2KD-FTV	88			550541			
2.5 D-4D 4WD	II Pickup (_N_)	11/01 -	2KD-FTV	75			550540 550541			
2.5 D-4D 4x4	III Pickup	12/07 -	2KD-FTV	88			550541			
	III Pickup	12/07 -	2KD-FTV	106			550541			

IQ

01/09 -

1.0	(_GJ1_)	01/09 -	1KR-FE	50			550567 550589			
-----	---------	---------	--------	----	--	--	------------------	--	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.33	(_GJ1_)	01/09 -	1NR-FE	72			550567 550589			
------	---------	---------	--------	----	--	--	------------------	--	--	--

LAND CRUISER 11/07 -

4.7 V8	(_URJ20_, J20_)	01/10 -	2UZ-FE	175			550567 550589			
	(_URJ20_, J20_)	11/07 -	2UZ-FE	202			550567 550589			
	(_URJ20_, J20_)	01/08 -	2UZ-FE	212			550567 550589			

LAND CRUISER 150 04/02 -

4.0 V6 Dual VVTi	(J15_, KDJ15_, GRJ15_)	01/10 -	1GR-FE	205			550567 550589			
4.0 V6 VVTi	(J15_, KDJ15_, GRJ15_)	01/10 -	1GR-FE	183			550567 550589			

PICNIC 05/96 - 08/06

2.0	(_XM10)	01/01 - 12/01	3S-FE	90	550442 550517					
2.0 16V	(_XM10)	05/96 - 12/01	3S-FE	94	550517					
2.0 VVTi	II	05/01 - 08/06	1AZ-FE	110			550567 550589			
2.4 VVTi	II	11/03 - 08/06	2AZ-FE	115			550567 550589			

PREVIA 06/00 -

2.0 D-4D	(CLR3_, MCR3_, ACR3_)	03/01 -	1CD-FTV	85		550610				
2.4	(CLR3_, MCR3_, ACR3_)	10/05 -	2AZ-FE	125			550567 550589			
	III (GSR3_, ACR5_, GSR5_)	10/05 -	2AZ-FE	125			550567 550589			
2.4 16V	(CLR3_, MCR3_, ACR3_)	08/00 -	2AZ-FE	115	550442		550567 550589			
2.4 4x4	(CLR3_, MCR3_, ACR3_)	10/05 -	2AZ-FE	125			550567 550589			
3.5	(CLR3_, MCR3_, ACR3_)	11/06 -	2GR-FE	206			550567 550589			
	III (GSR3_, ACR5_, GSR5_)	11/06 -	2GR-FE	206			550567 550589			
3.5 4x4	(CLR3_, MCR3_, ACR3_)	11/06 -	2GR-FE	206			550567 550589			

PRIUS 05/00 -

1.5	Saloon (NHW11_)	05/00 - 01/04	1NZ-FXE	53	550441	550440				
	Hatchback	08/03 -	1NZ-FXE	57	550441	550440	550567 550589			
1.8 Hybrid	(ZVW30_)	01/09 -	2ZR-FXE	73			550567 550589			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

TOYOTA

RAV 4 01/94 -

2.0	III (ZSA_, ACA_, ACE_, ALA_, GSA3_)	12/08 -	3ZR-FAE	116						550567 550589
2.0 16V	I Cabrio (SXA1_)	12/97 - 06/00	3S-FE	94	550517					550443
	I (SXA1_)	06/94 - 06/00	3S-FE	95	550517					550443
2.0 D-4D 4WD	II (XA2, CLA2_, ZCA2_, ACA2_)	09/01 -	1CD-FTV	85	550442	550610				
2.0 FWD	III (ZSA_, ACA_, ACE_, ALA_, GSA3_)	12/08 -	3ZR-FAE	116						550567 550589
2.0 VVT-i 4WD	III (ZSA_, ACA_, ACE_, ALA_, GSA3_)	03/06 -	1AZ-FE	112						550567 550589 550443
2.0 VVTi 4WD	II (XA2, CLA2_, ZCA2_, ACA2_)	06/00 -	1AZ-FE	110	550442					550567 550589
2.4 VVTi	III (ZSA_, ACA_, ACE_, ALA_, GSA3_)	11/05 -	2AZ-FE	125						550567 550589
3.5 VVTi	III (ZSA_, ACA_, ACE_, ALA_, GSA3_)	11/05 -	2GR-FE	201						550567 550589

URBAN CRUISER 10/06 -

1.33	(NCP11_)	04/09 -	1NR-FE	74						550567 550589
------	----------	---------	--------	----	--	--	--	--	--	------------------

VERSO 04/09 -

1.6	(_AUR2_, _ZGR2_)	04/09 -	1ZR-FAE	97						550567 550589
1.8	(_AUR2_, _ZGR2_)	04/09 -	2ZR-FAE	108						550567 550589

YARIS 04/99 -

1.0 16V	(_P1_)	03/03 -	1SZ-FE	48						550567 550589
	(_P1_)	04/99 -	1SZ-FE	50		550440				
1.3	(_P1_)	04/02 -	2SZ-FE	64						550567 550589
1.3 16V	(_P1_)	11/99 -	2NZ-FE	63	550441	550440				
1.3 VVT-i	(_P9_)	01/06 -	2SZ-FE	64						550567 550589
1.33 VVT-i	(_P9_)	03/09 -	1NR-FE	74						550567 550589
1.4 D-4D	(_P1_)	12/01 -	1ND-TV	55						550128 550288
	(_P9_)	01/06 -	1ND-TV	66						550128 550288
1.5 TS	(_P1_)	01/03 -	1NZ-FE	77	550441	550440				
1.5 VVT-i TS	(_P1_)	04/01 -	1NZ-FE	78	550441	550440				
1.8 VVTi	(_P9_)	01/07 -	2ZR-FE	98						550567 550589

YARIS VERSO 11/99 -

1.3	(NC/LP2_)	11/99 -	2NZ-FE	62	550441	550440				
	(NC/LP2_)	11/99 -	2NZ-FE	63	550441	550440				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 D-4D	(NC/LP2_)	12/01 -	1ND-TV	55		550128 550288				
1.5	(NC/LP2_)	05/03 -	1NZ-FE	77	550441	550440				
	(NC/LP2_)	03/00 -	1NZ-FE	78	550441	550440				

VAUXHALL**AGILA**

02/00 -

1.0 12V	Mk I (A)	09/00 - 08/05	Z 10 XE	43	550061	550084				
	Mk I (A)	02/00 - 11/06	Z 10 XEP	44		550292	550305			
1.2 16V	Mk I (A)	09/00 -	Z 12 XE	55	550061	550084				
1.2 16V Twinport	Mk I (A)	07/04 - 11/06	Z 12 XEP	59		550292	550305			
1.3 CDTI	Mk II (B)	01/08 -	D13A	55						

ASTRA

09/79 -

1.2 16V	Mk IV (G)	09/98 - 09/00	X 12 XE	48	550061					550301
	Mk IV (G) Estate	02/98 - 09/00	X 12 XE	48	550061	550084				550301
	Mk IV (G) Hatchback	02/98 - 09/00	X 12 XE	48	550061	550084				550301
	Mk IV (G)	09/00 -	Z 12 XE	55	550061					
	Mk IV (G) Estate	09/00 -	Z 12 XE	55	550061	550084				550301
	Mk IV (G) Hatchback	09/00 -	Z 12 XE	55	550061	550084				
1.3 CDTI	Mk V (H) Estate	08/04 - 03/09	Z 13 DTH	66	550003					550271
1.3 CDTI	Mk V (H) Hatchback	01/04 - 05/09	Z 13 DTH	66	550003					550271
1.4	Mk V (H) Estate	08/04 - 03/09	Z 14 XEP	66	550061	550084 550292	550305			
	Mk V (H) Hatchback	01/04 - 05/09	Z 14 XEP	66	550061	550084 550292	550305			
1.4 16V	Mk IV (G)	09/98 -	X 14 XE, Z 14 XE	66	550050 550052	550053	550054			
	Mk IV (G) Estate	02/98 -	X 14 XE, Z 14 XE	66	550050 550052 550577	550053	550054			
	Mk IV (G) Hatchback	02/98 -	X 14 XE, Z 14 XE	66	550050 550052 550577	550053	550054			
1.4 i	Mk III (F)	04/92 - 09/98	C 14 SE	60	550050					
	Mk III (F) Convertible	05/93 - 03/01	C 14 SE	60	550050					
	Mk III (F) Estate	03/91 - 02/98	C 14 SE	60	550050					
	Mk III (F) Hatchback	03/92 - 02/98	C 14 SE	60	550050					
1.4 i 16V	Mk III (F)	02/96 - 09/98	X 14 XE	66	550050 550577		550054			
	Mk III (F) Convertible	01/96 - 03/01	X 14 XE	66	550050		550054			
	Mk III (F) Estate	02/96 - 01/98	X 14 XE	66	550050 550577		550054			
	Mk III (F) Hatchback	02/96 - 02/98	X 14 XE	66	550050 550577		550054			
1.4 Turbo	Mk VI (J)	08/11 -	A 14 NEL	88						550493

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 Turbo	Mk VI (J)	12/09 -	A 14 NET	103					550493		
	Mk VI (J) Sports Tourer	10/10 -	A 14 NET	103					550493		
1.6	Mk IV (G)	09/98 - 09/00	X 16 SZR	55	550050				550054		
	Mk IV (G) Estate	03/98 - 04/04	X 16 SZR	55	550050				550054		
	Mk IV (G) Hatchback	02/98 - 09/00	X 16 SZR	55	550050				550054		
	Mk IV (G)	09/00 -	Z 16 SE	62	550052				550054		
	Mk IV (G) Estate	03/98 - 04/04	Z 16 SE	62	550052				550054		
	Mk IV (G) Hatchback	09/00 -	Z 16 SE	62	550052				550054		
	Mk V (H) Estate	08/04 - 03/09	A 16 XER	85		550574					
	Mk V (H) Hatchback	01/04 - 05/09	Z 16 XER	85		550574					
	Mk V (H) Sport Hatch	10/06 -	Z 16 LET	132					550364 550367		
1.6 16V	Mk IV (G)	09/98 -	C 16 SEL, Z 16 XEP	74	550052 550077	550053	550054				
	Mk IV (G) Convertible	03/01 -	Z 16 XE	74	550052	550053	550054				
	Mk IV (G) Estate	03/98 - 04/04	X 16 XEL, Z 16 XE	74	550052 550077 550577	550053	550054				
	Mk IV (G) Hatchback	02/98 -	X 16 XEL, Z 16 XE	74	550052 550077 550577		550054				
1.6 i	Mk III (F)	08/94 - 07/96	X 16 SZ	52	550050						
	Mk III (F) Convertible	03/93 - 08/96	X 16 SZ	52	550050						
	Mk III (F) Estate	07/94 - 02/98	X 16 SZ	52	550050						
	Mk III (F) Hatchback	07/94 - 02/98	X 16 SZ	52	550050						
	Mk III (F)	03/92 - 09/98	C 16 NZ, X 16 SZR	55	550050						
	Mk III (F) Convertible	01/96 - 03/01	X 16 SZR	55	550050		550054				
	Mk III (F)	05/92 - 12/94	C 16 SE	74	550050						
	Mk III (F) Hatchback	03/92 - 02/98	C 16 SE	74	550050 550577						
1.6 i 16V	Mk III (F)	08/94 - 09/98	X 16 XEL	74	550077 550577		550054				
	Mk III (F) Estate	01/94 - 02/98	X 16 XEL	74	550577		550054				
	Mk III (F) Hatchback	01/94 - 02/98	X 16 XEL	74	550077 550577		550054				
	Mk V (H) Sport Hatch	12/06 -	Z 16 XER	85		550574					
1.6 Si	Mk III (F) Estate	03/91 - 12/94	C 16 SE	74	550050						
1.6 Turbo	Mk VI (J)	12/09 -	A 16 LET	132					550493		
1.7 CDTi	Mk V (H) Hatchback	01/04 - 05/09	Z 17 DTL	59	550554	550128					
1.7 CDTi	Mk V (H) Estate	08/04 - 03/09	Z 17 DTH	74	550554	550128					
1.7 CDTi	Mk V (H) Hatchback	01/04 - 05/09	Z 17 DTH	74	550554	550128					
1.7 CDTi	Mk V (H) Sport Hatch	02/05 -	Z 17 DTH	74	550554	550128					
1.7 CDTi 16V	Mk IV (G)	04/03 -	Z 17 DTL	59	550554	550128					
	Mk IV (G) Estate	04/03 -	Z 17 DTL	59	550554	550128					
	Mk IV (G) Hatchback	04/03 -	Z 17 DTL	59	550554	550128					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.8	Mk V (H) Estate	01/04 - 03/09	A 18 XER	103		550574				
	Mk V (H) Hatchback	01/04 - 05/09	A 18 XER	103		550574				
1.8 16V	Mk III (F) Convertible	11/94 - 03/01	C 18 XEL, X 18 XE	85	550076	550060 550201	550154			
	Mk IV (G)	02/98 - 07/04	X 18 XE1	85	550078	550059				
	Mk IV (G) Coupe	03/00 - 08/05	Z 18 XEL	85	550078	550059				
	Mk IV (G) Estate	02/98 - 08/00	X 18 XE1	85	550078	550059				
	Mk IV (G) Hatchback	02/98 - 09/00	X 18 XE1	85	550078	550059				
	Mk IV (G)	02/98 - 07/04	Z 18 XE	92	550197	550059				
	Mk IV (G) Convertible	03/01 -	Z 18 XE	92	550197	550059				
	Mk IV (G) Coupe	09/00 -	Z 18 XE	92	550197	550059				
	Mk IV (G) Estate	09/00 -	Z 18 XE	92	550197	550059				
	Mk IV (G) Hatchback	09/00 -	Z 18 XE	92	550197	550059				
1.8 GTE	Mk II Hatchback	09/84 - 08/91	18 E, 18 SE	82	550068					
	Hatchback	03/83 - 08/86	18 E	85	550068					
1.8 i	Mk III (F)	03/92 - 09/98	C 18 NZ	66	550068 550581					
	Mk III (F) Estate	09/91 - 02/98	C 18 NZ	66	550068 550581					
	Mk III (F) Hatchback	09/91 - 02/98	C 18 NZ	66	550068 550581					
	Mk II Estate	01/90 - 08/91	18 E	83	550068					
	Mk II Belmont	09/85 - 08/91	18 E, 18 SE	85	550068					
1.8 i 16V	Mk III (F)	01/94 - 12/96	C 18 XEL	85	550076	550060 550201	550154			
	Mk III (F) Estate	09/94 - 02/98	C 18 XEL	85	550076	550060 550201	550154			
	Mk III (F) Hatchback	09/94 - 02/98	C 18 XEL	85	550076	550060 550201	550154			
	Mk III (F)	06/93 - 10/94	C 18 XE	92	550076	550060 550201	550154			
	Mk III (F) Estate	09/94 - 02/98	C 18 XE	92	550076	550060 550201	550154			
	Mk III (F) Hatchback	09/94 - 02/98	C 18 XE	92	550076	550060 550201	550154			
	Mk V (H) Sport Hatch	03/07 -	A 18 XER	103		550574				
1.9 CDTi	Mk V (H) Estate	08/04 - 03/09	Z 19 DT	88			550271			
	Mk V (H) Estate	08/04 - 03/09	Z 19 DT	88			550271			
1.9 CDTi	Mk V (H) Hatchback	01/04 - 05/09	Z 19 DTJ	88			550271			
	Mk V (H) Hatchback	01/04 - 05/09	Z 19 DT	88			550271			
1.9 CDTi	Mk V (H) Sport Hatch	02/05 -	Z 19 DT	88			550271			
	Mk V (H) Estate	08/04 - 03/09	Z 19 DTH	110			550271			
1.9 CDTi	Mk V (H) Hatchback	01/04 - 05/09	Z 19 DTH	110			550271			
1.9 CDTi	Mk V (H) Sport Hatch	02/05 -	Z 19 DTH	110			550271			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

Vehicle	Date	Engine	kW	CKP	CMP	KNS	MAP	TPS	OTHERS
2.0 16V	Mk IV (G)	09/98 -	X 20 XEV	100	550076	550060			550301
					550201				
					550247				
	Mk IV (G) Estate	02/98 -	X 20 XEV	100	550076	550060	550154		550301
					550201				
					550247				
	Mk IV (G) Hatchback	02/98 -	X 20 XEV	100	550076	550060	550154		550301
					550201				
					550247				
2.0 16V Turbo	Mk IV (G) Coupe	09/00 -	Z 20 LET	140	550225				
2.0 DI	Mk IV (G) Estate	03/98 - 04/04	X 20 DTL, Y 20 DTL	60	550192				
	Mk IV (G) Hatchback	02/98 -	X 20 DTL, Y 20 DTL	60	550192				
2.0 DTI 16V	Mk IV (G) Estate	03/98 - 04/04	X 20 DTH, Y 20 DTH	74	550192				
	Mk IV (G) Hatchback	08/99 -	X 20 DTH, Y 20 DTH	74	550192				
2.0 GTE	Mk II Hatchback	09/86 - 08/91	20 SEH	95	550068				
2.0 GTE 16V	Mk II Hatchback	05/88 - 08/91	20 XE	115	550068				
2.0 i	Mk II Convertible	01/87 - 12/91	20 NE	85	550068				
	Mk III (F)	03/92 - 09/98	C 20 NE	85	550068				
					550581				
	Mk III (F) Convertible	03/93 - 10/94	C 20 NE	85	550068				
					550581				
	Mk III (F) Estate	09/91 - 02/98	C 20 NE	85	550068				
					550581				
	Mk III (F) Hatchback	09/91 - 02/98	C 20 NE	85	550068				
					550581				
2.0 i 16V	Mk III (F)	02/95 - 09/98	X 20 XEV	100	550076	550060	550154		
	Mk III (F) Estate	01/94 - 02/98	X 20 XEV	100	550076	550201	550154		
	Mk III (F) Hatchback	01/94 - 02/98	X 20 XEV	100	550076	550060	550154		
					550201				
	Mk III (F) Hatchback	09/91 - 02/98	C 20 XE	110	550068				
2.0 i CAT	Mk II Convertible	01/91 - 08/93	C 20 NE	85	550068				
					550581				
2.0 SRI Turbo	Mk IV (G) Hatchback	07/02 -	Z 20 LET	141	550225				550364
									550367
2.0 Turbo	Mk V (H) Estate	08/04 -	Z 20 LEL	125	550225				550239
									550364
	Mk V (H) Hatchback	01/04 - 05/09	Z 20 LEL	125	550225				550364
	Mk V (H) Sport Hatch	02/05 -	Z 20 LEL	125	550225				550364
	Mk IV (G) Convertible	03/02 -	Z 20 LET	141	550225				
	Mk V (H) Estate	08/04 -	Z 20 LER	147	550225				550239
									550364
	Mk V (H) Hatchback	01/04 - 05/09	Z 20 LER	147	550225				550239
									550364
	Mk V (H) Hatchback	01/04 - 05/09	Z 20 LEH	177	550225				550239
									550364
2.2 16V	Mk IV (G)	03/01 -	Z 22 SE	108	550571				
	Mk IV (G) Convertible	03/01 -	Z 22 SE	108	550192	550084			
					550571				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.2 16V	Mk IV (G) Coupe	03/00 -	Z 22 SE	108	550571					
	Mk IV (G) Estate	03/01 -	Z 22 SE	108	550571					
	Mk IV (G) Hatchback	03/01 -	Z 22 SE	108	550571					

ASTRA GTC 10/11 -

1.4	Mk VI (J)	10/11 -	A 14 NEL	88					550493	
	Mk VI (J)	10/11 -	A 14 NET	103					550493	
1.6	Mk VI (J)	10/11 -	A 16 LET	132					550493	

ASTRA TwinTop 01/06 -

	Mk V (H)	10/06 -	Z 16 LET	132					550364	550367
1.6 i 16V	Mk V (H)	10/06 -	Z 16 XER	85		550574				
2.0	Mk V (H)	02/06 - 09/06	Z 20 LEL	125					550364	

ASTRAVAN 01/91 -

1.6 i	Mk III (F)	02/94 - 10/96	X 16 SZ	52	550050					
	Mk IV (G)	08/98 - 09/00	X 16 SZR	55	550050		550054			
	Mk IV (G)	09/00 -	Z 16 SE	62	550052		550054			
1.7 CDTI	Mk IV (G)	04/04 -	Z 17 DTL	59	550554	550128				
1.7 CDTi	Mk V (H)	03/05 - 07/06	Z 17 DTL	59		550128				
2.0 DI	Mk IV (G)	08/98 -	X 20 DTL	60	550192					

CALIBRA 06/90 - 07/97

2.0 i		06/90 - 07/97	C 20 NE	85	550068					
2.0 i 16V		06/90 - 07/97	X 20 XEV	100	550076	550060	550154			
		06/90 - 02/94	C 20 XE	110	550068	550466	550199			
2.0 i 16V 4x4		02/94 - 07/97	X 20 XEV	100	550076	550060	550154			
		06/90 - 02/94	C 20 XE	110	550068	550466	550199			
2.0 i 4x4		06/90 - 07/97	C 20 NE	85	550068					
2.0 i Turbo 4x4		03/92 - 07/97	C 20 LET	150	550068					550587
2.5 i V6		04/93 - 07/97	C 25 XE, X 25 XE	125		550465				

CARLTON 09/86 - 03/94

1.8	Mk III	09/87 - 03/94	E 18 NVR	65	550068					
1.8 i	Mk III	09/86 - 03/94	18 SEH	85	550068					
1.8 N	Mk III	09/86 - 08/87	18 NV	60	550068					
1.8 S	Mk III	09/86 - 03/94	18 SV	66	550068					
2.0	Mk III	09/86 - 03/94	C 20 NE	85	550068					
3.0 24V	Mk III Estate	09/89 - 03/94	C 30 SEJ	147	550577					
3.0 3000 24V	Mk III	09/89 - 03/94	C 30 SE	150	550077					
					550577					
3000 24V	Mk III	09/89 - 03/94	C 30 SEJ	147	550577					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

CAVALIER

09/81 - 11/95

1.6 i	Mk III (87)	09/93 - 11/95	X 16 SZ	52	550050					
	Mk III Hatchback	09/93 - 11/95	X 16 SZ	52	550050					
1.8	Mk III (87)	09/88 - 08/95	18 SV, C 18 NZ	66	550581					
	Mk III Hatchback	09/88 - 10/90	18 SV, C 18 NZ	66	550581					
1.8 i CAT	Mk III (87)	03/90 - 11/95	C 18 NZ	66	550581					
	Mk III Hatchback	03/90 - 11/95	C 18 NZ	66	550581					
2.0 i	Mk II	09/86 - 08/88	20 NE	85	550581					
	Mk III (87)	09/88 - 10/90	20 NE	85	550581					
	Mk III Hatchback	09/88 - 10/92	20 NE	85	550581					
2.0 i 16V	Mk III Hatchback	09/93 - 11/95	X 20 XEV	100	550076	550060	550154			
	Mk III (87)	09/88 - 11/95	C 20 XE	110		550466	550174 550199			
	Mk III Hatchback	09/88 - 11/95	C 20 XE	110		550466	550174 550199			
2.0 i 16V 4x4	Mk III (87)	09/88 - 11/95	C 20 XE	110		550466	550174 550199			
	Mk III Hatchback	01/92 - 11/93	C 20 XE	110		550466	550174 550199			
2.0 i 4x4	Mk III (87)	01/91 - 10/92	20 NE	85	550581					
	Mk III Hatchback	01/91 - 10/92	20 NE	85	550581					
2.0 i CAT	Mk II	09/86 - 08/88	C 20 NE	85	550068 550581					
	Mk II Hatchback	09/86 - 08/88	C 20 NE	85	550581					
	Mk III (87)	09/90 - 11/95	C 20 NE	85	550581					
	Mk III Hatchback	09/90 - 11/95	C 20 NE	85	550581					
2.0 i Turbo 4x4	Mk III (87)	06/92 - 11/94	C 20 LET	150			550174 550199			550587
2.0 SRi 16V	Mk III (87)	09/93 - 11/95	X 20 XEV	100	550076	550060	550154			
2.5 V6	Mk III (87)	08/88 - 06/94	C 25 XE	125		550465	550174			
	Mk III Hatchback	09/88 - 06/94	C 25 XE	125		550465	550174			

COMBO

07/94 - 02/12

1.2	Mk I (B)	07/94 - 10/01	C 12 NZ, X 12 SZ	33	550050					
1.3 CDTi 16V	Mk II (C) Box Body / Estate (F25)	10/05 -	Z 13 DTJ	55				550097		
1.4	Mk I (B)	07/94 - 10/01	C 14 SE	60	550050					
1.4 i 16V	Mk II (C) Box Body / Estate (F25)	01/04 -	Z 14 XEP	66	550061	550084 550292	550305			

CORSA

03/93 -

1.0	Mk IV (D) (L_8)	11/06 -	A 10 XEP	44				550305		
1.0 12V	Mk III (C) (W5L, F08)	09/00 - 10/03	Z 10 XE	43	550061	550084				
	Mk III (C) (W5L, F08)	11/03 -	Z 10 XEP	44		550292	550305			
1.0 i 12V	Mk II (B)	11/96 - 09/00	X 10 XE	40	550061	550084			550301	
1.2	Mk IV (D) (L_8)	11/06 -	Z 12 XEP	59				550305		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.2 16V	Mk III (C) (W5L, F08)	09/00 -	Z 12 XE	55	550061	550084				
1.2 16V Dualfuel	Mk III (C) (W5L, F08)	08/01 -	Z 12 XE	55	550061	550084				
1.2 i	Mk II (B)	03/93 - 09/00	C 12 NZ, X 12 SZ	33	550050					
1.2 i 16V	Mk II (B)	03/98 - 09/00	X 12 XE	48	550061	550084				550301
1.3 CDTI	Mk IV (D) (L_8)	11/06 -	A 13 DTC	55	550003			550097		
	Mk IV (D) (L_8)	11/06 -	Z 13 DTH	66	550003			550097 550271		
1.3 CDTI 16V	Mk III (C) (W5L, F08)	08/00 - 09/06	Z 13 DT	52	550003			550097		
1.4	Mk IV (D) (L_8)	07/06 -	Z 14 XEP	66				550305		
1.4 16V	Mk III (C) (W5L, F08)	09/00 -	Z 14 XE	66	550052	550053	550054			
1.4 i	Mk II (B)	03/93 - 09/00	C 14 NZ, X 14 SZ	44	550050		550054			
1.4 i 16V	Convertible	01/98 - 01/99	X 14 XE	66	550050		550054			
	Mk II (B)	09/94 - 09/00	X 14 XE	66	550050 550577		550054			
1.4 i S	Mk II (B)	03/93 - 09/00	C 14 SE	60	550050					
1.6 GSI 16V	Mk II (B)	03/93 - 09/00	C 16 XE	80	550077 550577		550054			
1.6 i 16V	Mk II (B)	09/94 - 09/00	X 16 XE	78	550077 550577		550054			
1.6 VXR	Mk IV (D) (L_8)	02/07 -	Z 16 LER	141		550292	550305	550364		
1.8 16V	Mk III (C) (W5L, F08)	08/00 - 09/06	Z 18 XE	92	550197	550059				

CORSAVAN

09/00 - 06/06

1.2 16V	Mk III (C)	09/00 - 06/06	Z 12 XE	55	550061	550084				
1.2 16V Dualfuel	Mk III (C)	08/01 - 06/06	Z 12 XE	55	550061	550084				
1.3 CDTI 16V	Mk III (C)	04/04 - 06/06	Z 13 DT	52	550003			550097		

FRONTERA

10/98 - 10/04

2.2 DTI	Mk II (B)	10/98 - 09/04	X 22 DTH, Y 22 DTH	85	550192			550367		
2.2 i	Mk II (B)	10/98 -	X 22 SE, Y 22 SE	100		550153	550054			

INSIGNIA

07/08 -

1.4		04/11 -	A 14 NET	103				550493		
	Saloon	04/11 -	A 14 NET	103				550493		
	SPORTS TOURER	04/11 -	A 14 NET	103				550493		
2.8 V6 Turbo	SPORTS TOURER	08/08 -	A 28 NET	191				550364		
2.8 V6 Turbo 4x4		07/08 -	A 28 NET	191				550364		
	Saloon	07/08 -	A 28 NET	191				550364		

MERIVA

01/03 -

1.3 CDTI	Mk I (A)	01/03 - 10/09	Z 13 DTJ	55	550003					
1.4	Mk II (B)	06/10 -	A 14 NEL	88				550493		
	Mk II (B)	06/10 -	A 14 NET	103				550493		
1.4 16V Twinport	Mk I (A)	01/03 - 10/09	Z 14 XEP	66		550292	550305			
1.4 LPG	Mk II (B)	06/11 -	A 14 NEL	88				550493		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS**

1.6 Turbo	Mk I (A)	05/06 - 06/10	Z 16 LET	132		550292	550305	550239		
-----------	----------	---------------	----------	-----	--	--------	--------	--------	--	--

NOVA 05/83 - 03/93

1.4 i S	Hatchback	09/91 - 03/93	C 14 SE	60	550050					
1.6 GSI CAT	Hatchback	02/92 - 03/93	C 16 SE	74	550050					

OMEGA 12/93 - 03/04

2.0	(B)	03/94 - 09/99	X 20 SE	85	550581		550199			
	(B)	09/95 - 09/96	20 SE	85	550581					
	(B) Estate	03/94 - 09/99	X 20 SE	85	550581		550199			
2.0 16V	(B)	03/94 - 09/99	X 20 XEV	100	550076	550060 550201	550154			
	(B) Estate	03/94 - 02/01	X 20 XEV	100	550076	550060 550201	550154			
2.0 DTI 16V	(B)	01/98 - 09/00	X 20 DTH	74	550192					
	(B) Estate	01/98 - 09/00	X 20 DTH	74	550192					
2.2 16V	(B)	01/94 - 06/03	Y 22 XE, Z 22 XE	106	550580	550247				
	(B) Estate	02/94 - 06/03	Y 22 XE, Z 22 XE	106	550580	550247				
2.2 DTI 16V	(B)	08/00 - 03/04	Y 22 DTH	88	550192					
	(B) Estate	08/00 - 03/04	Y 22 DTH	88	550192					
2.5 V6	(B)	03/94 - 09/00	X 25 XE	125	550234		550174		550301	
	(B) Estate	03/94 - 09/00	X 25 XE	125	550234		550174		550301	
3.0 V6	(B)	04/94 - 07/00	X 30 XE	155			550174		550301	
	(B) Estate	07/94 - 07/00	X 30 XE	155			550174		550301	

SENATOR 09/87 - 09/93

3.0 24V	Mk II (B)	09/89 - 09/93	C 30 SE	150	550077					
---------	-----------	---------------	---------	-----	--------	--	--	--	--	--

SIGNUM 04/02 - 05/08

1.8		08/05 -	Z 18 XER	103		550574				
1.9 CDTI		04/04 - 03/08	Z 19 DT	88	550268	550057		550271		
1.9 CDTI 16V		04/04 - 03/08	Z 19 DTH	110				550271		
2.0 DTI		05/03 -	Y 20 DTH	74	550327					
2.2 i		05/03 -	Z 22 YH	114	550571	550574				
2.8 V6 Turbo		04/02 - 05/08	Z 28 NEL	169				550364		

SINTRA 09/96 - 04/99

2.2 DTI		07/97 - 04/99	X 22 DTH	85	550192					
2.2 i 16 V		11/96 - 04/99	X 22 XE	104	550273		550174	550367		
3.0 i 24V		11/96 - 04/99	X 30 XE	148			550174			

TIGRA 07/94 -

1.3 CDTI	TwinTop	06/04 -	Z 13 DT	51	550003			550097		
1.4	TwinTop	06/04 -	Z 14 XEP	66	550061	550084 550292	550305			

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 16V	Mk I (F07)	07/94 - 12/00	X 14 XE	66	550050 550577		550054			
1.6 16V	Mk I (F07)	07/94 - 12/00	X 16 XE	78	550077 550577		550054			

VECTRA 08/95 - 10/08

1.6 i	(B)	08/95 - 10/01	X 16 SZR	55	550050		550054			
	(B) Estate	11/96 -	X 16 SZR	55	550050		550054			
	(B) Hatchback	08/95 - 10/01	X 16 SZR	55	550050		550054			
1.6 i 16V	(B)	08/95 - 10/01	X 16 XEL, Y 16 XE, Z 16 XE	74	550052 550077 550577	550053				
	(B) Estate	11/96 -	X 16 XEL, Y 16 XE, Z 16 XE	74	550052 550077 550577	550053				
	(B) Hatchback	08/95 - 10/01	X 16 XEL, Y 16 XE, Z 16 XE	74	550052 550077 550577	550053				
1.8	Mk II (C)	01/06 - 07/08	Z 18 XER	103			550574			
	Mk II (C) Estate	01/06 - 07/08	Z 18 XER	103			550574			
	Mk II (C) GTS	01/06 - 07/08	Z 18 XER	103			550574			
1.8 i 16V	(B)	10/95 - 09/00	X 18 XE, X 18 XE1	85	550076	550059 550060	550154			
	(B) Estate	11/96 - 09/00	X 18 XE, X 18 XE1	85	550076 550078	550059 550060	550154			
	(B) Hatchback	10/95 - 09/00	X 18 XE, X 18 XE1	85	550076 550078	550059 550060	550154			
	(B)	09/00 -	Z 18 XE	92	550197	550059				
	(B) Estate	09/00 -	Z 18 XE	92	550197	550059				
	(B) Hatchback	09/00 -	Z 18 XE	92	550197	550059				
1.9 CDTI	Mk II (C)	10/05 - 07/08	Z 19 DTL	74	550268			550271		
	Mk II (C) Estate	10/05 - 07/08	Z 19 DTL	74	550268			550271		
	Mk II (C) GTS	10/05 - 07/08	Z 19 DTL	74	550268			550271		
	Mk II (C)	04/04 - 08/05	Z 19 DT	88	550268	550057		550271		
	Mk II (C) Estate	04/04 - 08/05	Z 19 DT	88	550268	550057		550271		
	Mk II (C) GTS	04/04 - 08/05	Z 19 DT	88	550268	550057		550271		
1.9 CDTI 16V	Mk II (C)	04/04 - 08/05	Z 19 DTH	110				550271		
	Mk II (C) Estate	04/04 - 08/05	Z 19 DTH	110				550271		
	Mk II (C) GTS	04/04 - 08/05	Z 19 DTH	110				550271		
2.0 DI 16V	(B)	08/95 - 10/01	X 20 DTL	60	550192					
	(B) Estate	08/95 - 10/01	X 20 DTL	60	550192					
2.0 Di 16V	(B) Hatchback	08/95 - 10/01	X 20 DTL	60	550192					
2.0 DTI 16V	(B)	08/95 - 10/01	X 20 DTH, Y 20 DTH	74	550192			550266		
	(B) Estate	08/95 - 10/01	X 20 DTH, Y 20 DTH	74	550192			550266		
2.0 DTI 16V	(B) Hatchback	06/97 - 10/01	X 20 DTH, Y 20 DTH	74	550192			550266		
	Mk II (C)	04/02 -	Y 20 DTH	74	550327					

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 DTI 16V	Mk II (C) Estate	10/03 - 07/08	Y 20 DTH	74	550327					
	Mk II (C) GTS	08/02 - 07/08	Y 20 DTH	74	550327					
2.0 i 16V	(B)	10/95 - 01/01	X 20 XEV	100	550076	550060 550201	550154			
	(B) Estate	10/95 - 01/01	X 20 XEV	100	550076	550060 550201	550154			
	(B) Hatchback	10/95 - 01/01	X 20 XEV	100	550076	550060 550201	550154			
2.2 16V	Mk II (C)	01/02 - 10/08	Z 22 SE	108	550571					
	Mk II (C) GTS	08/02 - 07/08	Z 22 SE	108	550571					
2.2 direct	Mk II (C)	01/02 - 10/08	Z 22 YH	114	550571	550574				
	Mk II (C) Estate	10/03 - 07/08	Z 22 YH	114	550571	550574				
	Mk II (C) GTS	10/03 - 08/05	Z 22 YH	114	550571	550574				
2.2 DTI 16V	(B)	08/95 - 10/01	Y 22 DTR	92	550192			550266		
	(B) Estate	08/95 - 10/01	Y 22 DTR	92	550192			550266		
	(B) Hatchback	08/95 - 10/01	Y 22 DTR	92	550192			550266		
	Mk II (C)	04/02 -	Y 22 DTR	92	550327					
	Mk II (C) Estate	10/03 - 07/08	Y 22 DTR	92	550327					
	Mk II (C) GTS	08/02 - 07/08	Y 22 DTR	92	550327					
2.2 i 16V	(B)	08/95 - 10/01	Z 22 SE	108	550571					
	(B) Estate	08/95 - 10/01	Z 22 SE	108	550571					
	(B) Hatchback	09/00 -	Z 22 SE	108	550571					
2.5 i GSi	(B)	03/98 - 07/00	X 25 XE	143			550174		550301	
	(B) Estate	05/98 - 09/99	X 25 XE	143			550174		550301	
	(B) Hatchback	03/98 - 07/00	X 25 XE	143					550301	
2.5 i V6	(B)	09/95 - 08/00	X 25 XE	125			550174		550301	
	(B) Estate	11/96 - 08/00	X 25 XE	125			550174		550301	
	(B) Hatchback	09/95 - 08/00	X 25 XE	125			550174		550301	
2.8 V6 Turbo	Mk II (C)	08/05 - 07/08	Z 28 NEL	169				550364		
	Mk II (C) Estate	08/05 - 07/08	Z 28 NEL	169				550364		
	Mk II (C) GTS	08/05 - 07/08	Z 28 NEL	169				550364		
	Mk II (C)	08/06 - 07/08	Z 28 NET	184				550364		
	Mk II (C) GTS	08/06 - 07/08	Z 28 NET	184				550364		
	Mk II (C)	08/05 - 07/08	Z 28 NET	188				550364		
	Mk II (C) Estate	08/06 - 07/08	Z 28 NET	188				550364		
	Mk II (C) GTS	08/05 - 07/08	Z 28 NET	188				550364		

VIVARO

08/01 -

2.0 16V	Box (F7)	08/01 -	F4R 720	88	550568					
	Combi (J7)	08/01 -	F4R 720	88	550568					

VX220

09/00 -

2.0 i Turbo		03/01 - 04/04	Z 20 LET	147	550225			550239 550364		
-------------	--	---------------	----------	-----	--------	--	--	------------------	--	--

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS****ZAFIRA 11/98 -**

1.4	Mk III (P12)	10/11 -	A 14 NEL	88					550493		
	Mk III (P12)	10/11 -	A 14 NET	103					550493		
1.4 LPG	Mk III (P12)	10/11 -	A 14 NET	103					550493		
1.6	Mk II (B) (M75)	12/07 -	A 16 XER	85		550574					
1.6 16V	Mk I (A) (F75)	04/99 - 08/05	X 16 XEL	74	550077			550054			
1.8	Mk II (B) (M75)	04/05 -	A 18 XER, Z 18 XEP	103		550574					
1.8 16V	Mk I (A) (F75)	05/99 - 08/00	X 18 XE1	85	550078	550059					
	Mk I (A) (F75)	09/00 - 08/05	Z 18 XE	92	550197	550059					
1.9 CDTI	Mk II (B) (M75)	07/05 -	Z 19 DT	88	550268				550271		
	Mk II (B) (M75)	07/05 -	Z 19 DTH	110					550271		
2.0	Mk II (B) (M75)	07/05 -	Z 20 LER	147					550364		
	Mk II (B) (M75)	01/06 -	Z 20 LEH	176					550364		
2.0 DI 16V	Mk I (A) (F75)	10/99 - 08/05	X 20 DTL	60	550192						
2.0 DTI 16V	Mk I (A) (F75)	04/99 - 08/05	Y 20 DTH	74	550192				550266		
									550271		
2.0 GSI Turbo	Mk I (A) (F75)	09/01 - 06/05	Z 20 LET	141	550225				550364		
									550367		
2.2	Mk II (B) (M75)	07/05 -	Z 22 YH	110	550571	550574					
2.2 16V	Mk I (A) (F75)	11/98 - 08/04	Z 22 SE	108	550571						

VOLVO**240 08/74 - 12/93**

2.0	(P242, P244)	09/88 - 12/93	B 200 F	82	550451						
	Kombi (P245)	09/88 - 12/93	B 200 F	82	550451						
2.3	(P242, P244)	08/86 - 12/88	B 230 K	85	550451						
	Kombi (P245)	08/86 - 12/88	B 230 K	85	550451						
2.3 CAT	Kombi (P245)	08/91 - 07/92	B 230 F	100	550451						
2.3 i CAT	(P242, P244)	08/86 - 07/93	B 230 F	85	550451						
	Kombi (P245)	08/86 - 07/93	B 230 F	85	550182				550451		

340-360 08/75 - 07/91

1.4	(343, 345)	08/83 - 07/86	B 14.4 S	52	550177						
1.7	(343, 345)	08/85 - 07/91	B 17 2 K	59	550180						
2.0	Saloon (344)	08/84 - 07/90	B 200 K	75	550177						
	(343, 345)	08/84 - 07/87	B 200 K	77	550177						
	Saloon (344)	08/84 - 07/87	B 200 K	77	550177						
	(343, 345)	08/86 - 07/88	B 200 E, B 200 F	82	550177						
	Saloon (344)	08/86 - 07/88	B 200 EA	82	550177						
	Saloon (344)	08/84 - 07/86	B 200 E	85	550177						
	(343, 345)	08/84 - 07/86	B 200 E	87	550177						
	Saloon (344)	08/84 - 07/86	B 200 E	87	550177						

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

440 08/88 - 12/96

1.6	K (445)	09/88 - 12/96	B 16 F	61						550144
1.7	K (445)	09/88 - 12/96	B 18 KP	64					550140	
	K (445)	08/88 - 07/89	B 18 F	70				550199	550140	
	K (445)	08/89 - 12/96	B 18 FP	75				550199	550140	550144
	K (445)	09/88 - 12/96	B 18 EP	78				550199	550140	550144
1.7 Turbo	K (445)	08/88 - 07/96	B 18 FT	88				550199	550140	
	K (445)	01/91 - 12/96	B 18 FT	90				550199	550140	
1.8	K (445)	08/91 - 07/96	B 18 U	66				550199	550140	550144
	K (445)	09/95 - 12/96	B 18 U	66				550199	550140	550144
2.0	K (445)	08/93 - 07/96	B 20 F	80				550199	550140	550144
	K (445)	08/92 - 07/95	B 20 F	81				550199	550140	550144

460 09/88 - 07/96

1.6	L (464)	07/92 - 07/96	B 16 F	61					550140	550144
1.7	L (464)	09/88 - 07/96	B 18 KP	64					550140	
	L (464)	09/90 - 07/96	B 18 KP	66					550140	
	L (464)	08/89 - 07/92	B 18 EP	75				550199	550140	550144
	L (464)	08/89 - 07/92	--	80					550140	
1.7 Turbo	L (464)	08/89 - 07/96	B 18 FT	88				550199	550140	
	L (464)	01/91 - 07/96	B 18 FT	90				550199		
1.8	L (464)	08/91 - 07/96	B 18 U	66				550199	550140	550144
2.0	L (464)	08/93 - 07/96	B 20 F	80				550199	550140	550144
	L (464)	08/92 - 07/95	B 20 F	81				550199	550140	550144

480 04/86 - 07/96

1.7	E	08/87 - 07/89	B 18 F	70					550199	550140
	E	08/89 - 07/96	B 18 EP	75					550199	550140
	E	04/86 - 07/89	B 18 E	78					550199	550140
	E	08/86 - 07/88	B 18 E	80					550199	550140
1.7 Turbo	E	08/87 - 07/96	B 18 FT	88					550199	550140
	E	01/91 - 07/96	B 18 FT	90					550199	550140
2.0	E	08/92 - 09/95	B 20 F	81					550199	550140

740 04/83 - 08/92

	(744)	09/88 - 08/90	B 200 K	76					550199	
	Kombi (745)	09/88 - 08/90	B 200 K	76					550199	
	Kombi (745)	08/89 - 07/91	B 200 F	82					550199	
	(744)	01/87 - 08/88	B 200 E	86					550199	
	Kombi (745)	01/87 - 08/88	B 200 E	86					550199	
	(744)	01/86 - 08/90	B 200 ET	118					550199	
	(744)	01/85 - 12/85	B 200 ET	120					550199	
2.0 16V	Kombi (745)	09/87 - 08/90	B 204 E	100	550451					

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR

VOLVO



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 GLE	(744)	09/87 - 08/90	B 204 E	103	550451					
	Kombi (745)	09/87 - 08/90	B 204 E	103	550451					
2.0 Turbo	(744)	09/90 - 08/91	B 200 FT	114	550451					
	Kombi (745)	09/90 - 08/91	B 200 FT	114	550451					
2.3	(744)	09/85 - 12/89	B 230 F	83	550182 550451					
	Kombi (745)	08/85 - 12/89	B 230 F	83	550182 550451		550199			
	(744)	08/84 - 07/90	B 23 A, B 230 F	84	550182 550451		550199			
	Kombi (745)	09/85 - 07/90	B 230 K	84	550451		550199			
	(744)	08/87 - 07/92	B 230 F	85	550451		550199			
	Kombi (745)	08/87 - 07/92	B 230 F	85	550451		550199			
	(744)	08/86 - 07/88	B 230 K	86	550451		550199			
	(744)	08/83 - 07/84	B 23 E	95			550199			
	(744)	08/84 - 07/88	B 230 E	96			550199			
	Kombi (745)	08/85 - 07/88	B 230 E	96			550199			
	(744)	08/88 - 07/90	B 230 FB	100	550451					
	Kombi (745)	08/89 - 07/90	B 230 FB	100	550451					
	(744)	08/88 - 08/92	B 234 F	111	550451		550199			
	Kombi (745)	07/89 - 08/92	B 234 F	111	550451		550199			
	(744)	08/88 - 07/91	B 234 F	114	550451		550199			
	Kombi (745)	08/88 - 07/90	B 234 F	114	550451		550199			
	(744)	08/87 - 07/89	B 234 F	117	550182 550451		550199			
	Kombi (745)	08/87 - 07/89	B 234 F	117	550182 550451		550199			
2.3 Turbo	(744)	08/86 - 07/89	B 230 FT	115	550182 550451		550199			
	Kombi (745)	08/86 - 07/89	B 230 FT	115	550182 550451		550199			
	(744)	08/89 - 07/90	B 230 FT	121	550451		550199			
	Kombi (745)	08/89 - 07/90	B 230 FT, B 230 GT	121	550182 550451		550199			
	(744)	08/85 - 12/88	B 230 ET	134			550199			
	Kombi (745)	08/85 - 07/88	B 230 ET	134			550199			
	(744)	08/89 - 07/90	B 230 FT	140	550451		550199			
	Kombi (745)	08/89 - 07/90	B 230 FT	140	550451		550199			
760		08/81 - 07/92								
2.3	(704, 764)	01/88 - 07/92	B 230 FT	119	550451		550199			
2.3 Turbo	(704, 764)	09/87 - 08/90	B 230 FT	115	550451					
	Kombi (704, 765)	09/87 - 08/90	B 230 FT	115	550451					
2.8	(704, 764)	05/86 - 08/91	B 280 F	105			550286			
	Kombi (704, 765)	05/86 - 08/91	B 280 F	105			550286			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.8	(704, 764)	08/86 - 07/90	B 280 F	108			550286			
	(704, 764)	08/81 - 07/88	B 28 E, B 280 E	115			550286			
	Kombi (704, 765)	08/86 - 08/90	B 28 E, B 280 E	115			550286			

850 06/91 - 10/97

2.0	(LS)	08/94 - 12/96	B 5202 S	93			550135			550144
	Estate (LW)	08/94 - 12/96	B 5202 S	93			550135			550144
	(LS)	06/91 - 12/96	B 5204 F	105			550135			550144
	Estate (LW)	02/93 - 12/96	B 5204 F	105			550135			550144
2.0 Turbo	(LS)	09/93 - 10/96	B 5204 T2	132						550144
	Estate (LW)	09/93 - 10/97	B 5204 T2	132						550144
	(LS)	08/93 - 12/96	B 5204 FT, B 5204 T	155			550135			550144
	Estate (LW)	02/93 - 12/96	B 5204 FT, B 5204 T	155			550135			550144
2.3	(LS)	01/96 - 10/96	B 5234 FS	106						550144
	Estate (LW)	01/96 - 10/96	B 5234 FS	106						550144
2.3 T5	(LS)	08/93 - 07/96	B 5234 FT	166			550135			550144
	Estate (LW)	02/93 - 12/96	B 5234 FT	166			550135			550144
2.3 T5-R	(LS)	08/95 - 12/96	B 5234 T4	184			550135			550144
	Estate (LW)	08/95 - 12/96	B 5234 T4	184			550135			550144
2.3 Turbo R	(LS)	06/95 - 10/96	B 5234 T5	177						550144
	Estate (LW)	06/95 - 10/97	B 5234 T5	177						550144
2.4 GLE	(LS)	09/93 - 10/97	B 5254 T	142						550144
	Estate (LW)	09/93 - 10/97	B 5254 T	142						550144
2.5	(LS)	06/91 - 07/94	B 5252	103			550135			550144
	Estate (LW)	08/92 - 07/94	B 5252	103			550135			550144
	(LS)	08/94 - 12/96	B 5252 S	106			550135			550144
	Estate (LW)	08/94 - 12/96	B 5252 S	106			550135			550144
	(LS)	08/91 - 12/96	B 5254 S	125			550135			550144
	Estate (LW)	09/92 - 12/96	B 5254 S	125			550135			550144
2.5 AWD	Estate (LW)	04/96 - 12/96	B 5254 T	142			550135			550144

940 08/90 - 10/98

2.0	(944)	01/92 - 07/94	B 200 F	82			550182			550451
	Kombi (945)	01/92 - 07/94	B 200 F	82			550182			550451
	(944)	09/90 - 09/93	B 200 G	89			550451			
	Kombi (945)	09/90 - 09/93	B 200 G	89			550451			
2.0 GL	(944)	09/90 - 04/92	B 204 E	103			550451			
	Kombi (945)	09/90 - 04/92	B 204 E	103			550451			
2.0 GLT	II (944)	10/94 - 05/97	B 200 GT	139			550451			
	II Estate (945)	10/94 - 05/97	B 200 GT	139			550451			
2.0 Turbo	(944)	08/90 - 12/94	B 200 FT	114			550451			

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR

VOLVO

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS**

2.0 Turbo	II (944)	04/96 - 10/98	B 200 FT	114	550451					
	II Estate (945)	04/96 - 10/98	B 200 FT	114	550451					
	Kombi (945)	01/91 - 07/95	B 200 FT	114	550451					
2.3	(944)	08/92 - 07/94	B 230 FD	85	550451					
	II (944)	08/94 - 07/95	B 230 FD	85	550182 550451					
	II Estate (945)	08/94 - 07/95	B 230 FD	85	550182 550451					
	Kombi (945)	08/92 - 07/94	B 230 FD	85	550182 550451					
	(944)	08/90 - 12/94	B 230 FB, B 230 G	96	550451					
	II (944)	08/94 - 10/98	B 230 FB	96	550182					
	II Estate (945)	08/94 - 10/98	B 230 FB	96	550182					
	Kombi (945)	08/90 - 12/94	B 230 FB	96	550182 550451					
	II Estate (945)	10/94 - 05/97	B 230 GK	113	550451					
	(944)	08/90 - 07/91	B 234 F, B 234 G	114	550182 550451					
	Kombi (945)	08/90 - 07/91	B 234 F	114	550182 550451					
2.3 ti	II (944)	01/95 - 10/98	B 230 FK	99	550182 550451					
	II Estate (945)	01/95 - 10/98	B 230 FK	99	550182 550451					
2.3 Turbo	(944)	08/90 - 07/94	B 230 FT	121	550182 550451					
	II (944)	08/94 - 10/98	B 230 FT	121	550451					
	II Estate (945)	08/94 - 10/98	B 230 FT	121	550451					
	Kombi (945)	08/90 - 07/94	B 230 FT	121	550182 550451					
	II Estate (945)	08/95 - 10/98	B 230 FT	126	550451					

960**08/90 - 12/96**

2.0	(964)	08/90 - 09/93	B 204 FT	140	550451					
	Kombi (965)	08/90 - 09/93	B 204 FT	140	550451					
2.3 Turbo	(964)	09/90 - 08/93	B 230 FT	121	550451					
	Kombi (965)	09/90 - 08/93	B 230 FT	121	550451					
2.5	II (964)	07/94 - 12/96	B 6254 S	125	550208	550135			550144	
	II Estate (965)	08/94 - 12/96	B 6254 S	125	550208	550135			550144	
2.9	(964)	08/90 - 07/94	B 6304 F	150	550208	550135			550144	
	II (964)	07/94 - 12/96	B 6304 S	150	550208	550135			550144	
	II Estate (965)	09/94 - 12/96	B 6304 S	150	550208	550135			550144	
	Kombi (965)	08/90 - 07/94	B 6304 F, B 6304 S	150	550208	550135			550144	

C30**10/06 -**

1.6		10/06 -	B 4164 S3	74	550110	550111				
-----	--	---------	-----------	----	--------	--------	--	--	--	--

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 D		10/06 -	D 4164 T	80	550014 550471			550569		550383
1.8		10/06 -	B 4184 S11	92		550292				
1.8 FlexFuel		01/07 -	B 4184 S8	92		550292				
2.0		10/06 -	B 4204 S3	107		550292				
2.0 D		10/06 -	D 4204 T	100				550569		550383
2.4 i		10/06 -	B 5244 S4	125	550434					
D5		10/06 -	D 5244 T9	120	550434					
		10/06 -	D 5244 T8	132	550434					
T5		10/06 -	B 5254 T3	162	550434		550436	550261		
		03/07 -	B 5254 T7	169	550434		550436			

C70 03/97 -

2.0	I Convertible	03/98 - 10/05	B 5204 T2	132		550135				550144
	I Coupe	03/97 - 09/02	B 5204 T2	132		550135				550144
2.0 D	II Convertible	01/08 -	D 4204 T	100				550569		550383
2.0 T	I Convertible	03/00 - 10/05	B 5204 T4	120	550434					550144
	I Coupe	03/00 - 09/02	B 5204 T4	120	550434					
	I Convertible	03/98 - 10/05	B 5204 T3	166						550144
	I Coupe	03/97 - 09/02	B 5204 T3	166		550135				550144
2.3 T-5	I Convertible	03/98 - 10/05	B 5234 T3	176	550434					550144
	I Coupe	03/97 - 09/02	B 5234 T3	176	550434	550135				550144
2.3 T5	I Convertible	07/02 - 10/05	B 5234 T9	180	550434					550144
2.4 i	II Convertible	03/06 -	B 5244 S4	125	550434					
2.4 T	I Convertible	07/02 - 10/05	B 5244 T7	147	550434					550144
2.5 T	I Convertible	03/98 - 10/05	B 5244 T, B 5254 T	142	550434					550144
	I Coupe	03/97 - 09/02	B 5244 T, B 5254 T	142	550434	550135				550144
D5	II Convertible	03/06 -	D 5244 T8	132	550434					
T5	II Convertible	03/06 -	B 5254 T3	162	550434		550436	550261		
	II Convertible	03/07 -	B 5254 T7	169	550434		550436			

S40 07/95 -

1.6	II (MS)	01/05 -	B 4164 S3	74	550110	550111				
	I (VS)	09/95 - 08/99	B 4164 S	77				550140		
	I (VS)	03/99 - 12/03	B 4164 S2	80				550140		
1.6 D	II (MS)	01/05 -	D 4164 T	81	550014 550471			550569		550383
1.8	I (VS)	07/95 - 08/99	B 4184 S, B 4184 S3	85				550140		
	I (VS)	03/99 - 12/03	B 4184 S2, B 4184 S9	90				550140		
	II (MS)	04/04 -	B 4184 S11	92		550292		550157		
1.8 FlexFuel	II (MS)	01/06 -	B 4184 S8	92		550292				
1.8 i	I (VS)	06/01 - 12/03	B 4184 SJ	90		550525		550140		
	I (VS)	03/98 - 12/03	B 4184 SM	92		550525				

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 DI	I (VS)	07/00 - 12/03	D 4192 T4	75	550139					
	I (VS)	07/00 - 12/03	D 4192 T3	85	550139					
2.0	I (VS)	07/95 - 12/03	B 4204 S, B 4204 S2	100				550140		
	I (VS)	07/95 - 08/99	B 4204 S	103				550140		
	II (MS)	10/06 -	B 4204 S3	107		550292				
2.0 D	II (MS)	01/04 -	D 4204 T	100				550569		550383
2.0 D4	II (MS)	07/05 -	D 4204 T2	96				550569		550383
2.0 T	I (VS)	06/01 - 12/03	B 4204 T3	120				550137		
2.0 T4	I (VS)	07/00 - 12/03	B 4204 T5	147				550137		
2.4	II (MS)	01/04 -	B 5244 S5	103	550434					
2.4 D5	II (MS)	03/06 -	D 5244 T8	132	550434					
T5	II (MS)	01/04 -	B 5254 T3	162	550434		550436	550261		
	II (MS)	03/07 -	B 5254 T7	169	550434		550436			
T5 AWD	II (MS)	04/04 -	B 5254 T3	162	550434		550436	550261		
	II (MS)	03/07 -	B 5254 T7	169	550434		550436			

S60 07/00 -

2.0 T		09/01 -	B 5204 T5	132	550434			550137 550261		
2.4		11/00 -	B 5244 S	125	550434					
2.4 D		12/01 -	D 5244 T2	96				550261		
2.4 D5		07/01 -	D 5244 T	120				550261		
2.4 T		11/00 -	B 5244 T3	147				550261		
2.4 T AWD		11/01 -	B 5244 T3	147				550261		
2.5 T		02/04 -	B 5254 T2	154				550261		
2.5 T AWD		04/04 -	B 5254 T2	154				550261		
T5		11/00 -	B 5234 T3	184				550261		

S70 11/96 - 11/00

2.0	(P80_)	01/97 - 11/00	B 5202 S	93		550135		550140	550144	
	(P80_)	01/97 - 11/00	B 5204 F	105		550135		550140		
	(P80_)	01/97 - 11/00	B 5204 T4	120				550140		
	(P80_)	01/97 - 11/00	B 5204 T2	132		550135			550144	
2.0 Turbo	(P80_)	01/97 - 11/00	B 5204 T	155		550135				
	(P80_)	01/97 - 11/00	B 5204 T3	166					550144	
2.3	(P80_)	04/99 - 09/00	B 5234 T7	195					550144	
2.3 AWD	(P80_)	04/99 - 09/00	B 5234 T7	195					550144	
2.3 T-5	(P80_)	01/97 - 11/00	B 5234 T3	176		550135			550144	
2.3 T5 AWD	(P80_)	07/97 - 09/00	B 5234 T4	184					550144	
2.3 Turbo	(P80_)	01/97 - 11/00	B 5234 FT+	184		550135			550144	
2.4	(P80_)	01/97 - 11/00	B 5254 S	125					550144	
2.4 T5 AWD	(P80_)	11/96 - 04/99	B 5254 T	142					550144	
2.4 Turbo	(P80_)	01/97 - 11/00	B 5244 T, B 5254 T	142		550135			550144	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

VOLVO



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.5	(P80_)	01/97 - 11/00	B 5252 S	106		550135		550140	550144
2.5 Bifuel	(P80_)	10/98 - 11/00	GB 5252 S	106		550135			550144

S80 05/98 -

2.0	(TS, XY)	06/98 - 07/06	B 5204 T4	120				550137 550261	
2.0 FlexFuel	II (AS)	01/08 -	B 4204 S4	107		550292			
2.0 T	(TS, XY)	12/99 - 07/06	B 5204 T5	132				550137 550261	
	(TS, XY)	06/98 - 07/06	B 5204 T3	166				550261	
2.0 TDi	II (AS)	02/08 -	D 4204 T	100					550383
2.4 D	(TS, XY)	10/01 - 07/06	D 5244 T2	96				550261	
2.4 D5	(TS, XY)	08/01 - 07/06	D 5244 T	120				550261	
2.4 T	(TS, XY)	06/00 - 07/06	B 5244 T3	147				550137 550261	
2.4 T5 AWD	(TS, XY)	04/00 - 09/03	B 5244 T3	147				550137	
2.5 T	II (AS)	03/06 -	B 5254 T6	147			550436		
	(TS, XY)	03/03 - 07/06	B 5254 T2	154				550261	
	II (AS)	01/10 -	B 5254 T10	170			550436		
2.5 T AWD	(TS, XY)	07/03 - 07/06	B 5254 T2	154				550261	
2.5 T FlexFuel	II (AS)	05/08 -	B 5254 T8	147			550436		
	II (AS)	01/10 -	B 5254 T11	170			550436		
2.8 T6	(TS, XY)	05/98 - 07/06	B 6284 T	200				550261	
3.0 T6	(TS, XY)	06/01 - 07/06	B 6294 T	200				550261	

S90 11/96 - 12/98

2.5		11/96 - 10/98	B 6254 FS	125					550144
2.9		01/97 - 05/98	B 6304 S2	132	550208				550144
		01/97 - 05/98	B 6304 G	150	550208	550135			550144

V40 07/95 - 06/04

1.6	Estate (VW)	03/99 - 06/04	B 4164 S2	80				550140	
1.8	Estate (VW)	07/95 - 08/99	B 4184 S, B 4184 S3	85				550140	
	Estate (VW)	03/99 - 06/04	B 4184 S2, B 4184 S9	90				550140	
1.8 i	Estate (VW)	06/01 - 06/04	B 4184 SJ	90		550525		550140	
	Estate (VW)	03/98 - 06/04	B 4184 SM	92		550525		550140	
1.9 DI	Estate (VW)	07/00 - 06/04	D 4192 T4	75	550139				
	Estate (VW)	07/00 - 06/04	D 4192 T3	85	550139				
2.0	Estate (VW)	07/95 - 06/04	B 4204 S	100				550140	
	Estate (VW)	07/95 - 08/99	B 4204 S	103				550140	
2.0 T	Estate (VW)	06/01 - 06/04	B 4204 T3	120				550137	
	Estate (VW)	07/99 - 06/01	B 4204 T2	121				550137	
2.0 T4	Estate (VW)	07/00 - 06/04	B 4204 T5	147				550137	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

V50		04/04 -								
1.6	(MW)	01/05 -	B 4164 S3	74	550110	550111				
1.6 D	(MW)	01/05 -	D 4164 T	81	550014 550471			550569		550383
1.8	(MW)	04/04 -	B 4184 S11	92		550292		550157		
1.8 FlexFuel	(MW)	01/05 -	B 4184 S8	92		550292				
2.0	(MW)	10/06 -	B 4204 S3	107		550292				
2.0 D	(MW)	04/04 -	D 4204 T	100				550569		550383
T5	(MW)	04/04 -	B 5254 T3	162			550436	550261		
	(MW)	03/07 -	B 5254 T7	169			550436			
T5 AWD	(MW)	04/04 -	B 5254 T3	162			550436	550261		
	(MW)	03/07 -	B 5254 T7	169			550436			

V70		11/96 -								
1.6 D	III Estate	01/10 -	D 4164 T	80				550569		
2.0	I Estate (P80_)	01/97 - 03/00	B 5202 S	93		550135		550140	550144	
	I Estate (P80_)	01/97 - 03/00	--	105				550140		
	III Estate	10/07 -	B 4204 S3	107		550292				
	I Estate (P80_)	01/97 - 03/00	B 5204 T4	120				550140		
	I Estate (P80_)	01/97 - 03/00	B 5204 T2	132		550135			550144	
2.0 D	III Estate	10/07 -	D 4204 T	100						550383
2.0 FlexiFuel	III Estate	01/08 -	B 4204 S4	107		550292				
2.0 T	II Estate (P80_)	07/01 -	B 5204 T5	132				550261		
2.0 Turbo	I Estate (P80_)	01/97 - 03/00	B 5204 T	155		550135				
	I Estate (P80_)	01/97 - 03/00	B 5204 T3	166		550135			550144	
2.0 Turbo AWD	I Estate (P80_)	01/97 - 03/00	B 5204 T3	166		550135			550144	
2.3 AWD	I Estate (P80_)	12/98 - 02/00	B 5234 T7, B 5234 T8	195					550144	
2.3 T AWD	I Estate (P80_)	04/97 - 03/00	B 5234 FT+	184		550135			550144	
2.3 T-5	I Estate (P80_)	01/97 - 03/00	B 5234 T3	176		550135			550144	
2.3 T-5 AWD	I Estate (P80_)	01/97 - 03/00	B 5234 T3	176		550135			550144	
2.3 Turbo	I Estate (P80_)	01/97 - 03/00	B 5234 FT+	184		550135			550144	
2.4	I Estate (P80_)	01/97 - 05/00	B 5254 S	125					550144	
2.4 T	II Estate (P80_)	03/00 -	B 5244 T3	147				550261		
2.4 T AWD	II Estate (P80_)	09/01 -	B 5244 T3	147				550261		
2.4 T5	II Estate (P80_)	04/04 -	B 5244 T5	191				550261		
2.4 Turbo	I Estate (P80_)	01/97 - 03/00	B 5244 T, B 5254 T	142		550135			550144	
2.5	I Estate (P80_)	01/97 - 03/00	B 5252 S	106		550135		550140	550144	
2.5 Bifuel	I Estate (P80_)	10/98 - 08/99	GB 5252 S	106					550144	
2.5 T	III Estate	08/07 -	B 5254 T6	147			550436			
	II Estate (P80_)	04/04 -	B 5254 T2	154				550261		
	III Estate	01/10 -	B 5254 T10	170			550436			
2.5 T AWD	II Estate (P80_)	09/02 -	B 5254 T2	154				550261		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.5 T FlexiFuel	III Estate	05/08 -	B 5254 T8	147			550436		
	III Estate	10/09 -	B 5254 T11	170			550436		
2.5 Turbo AWD	I Estate (P80_)	01/97 - 05/00	B 5244 T, B 5254 T	142		550135		550144	

V90 11/96 - 12/98

2.9	Estate	01/97 - 12/98	B 6304 S2	132	550208	550135		550144	
	Estate	01/97 - 12/98	B 6304 G	150	550208	550135		550144	

XC70 CROSS COUNTRY 03/00 -

2.4 D5 XC AWD		09/02 -	D 5244 T	120				550261	
2.5 T XC AWD		09/02 -	B 5254 T2	154				550261	

XC90 10/02 -

2.5 T		10/02 -	B 5254 T2	154				550261	
D5		10/02 -	D 5244 T5	120				550261	
T6		10/02 -	B 6294 T	200				550261	

VW

AMAROK 09/10 -

2.0 BiTDI		09/10 -	CDCA	120				550557	
2.0 BiTDI 4motion		09/10 -	CDCA	120				550557	
2.0 TDI		09/10 -	CDBA	90				550557	
2.0 TDI 4motion		09/10 -	CDBA	90				550557	
		11/11 -	CNEA	132				550557	
2.0 TSI		12/10 -	CFPA	118				550557	

BORA 10/98 - 09/05

1.4 16V	(1J2)	03/00 - 05/05	AHW, AKQ, APE, AXP, BCA	55	550376	550026	550106	550085	
	Estate (1J6)	09/01 - 05/05	AHW, AXP, BCA	55		550033	550106	550085	
					550100	550120	550601		
1.6	(1J2)	10/98 - 05/05	AEH, AKL, APF	74	550109	550235			
					550123	550478			
					550138				
	Estate (1J6)	05/99 - 05/05	AEH, AKL, APF	74	550100	550120	550601		
					550109	550235			
					550123	550478			
					550138				
	(1J2)	08/00 - 05/05	AVU, BFQ, BJH	75	550100	550028			
					550123	550478			
					550138				
	Estate (1J6)	08/00 - 05/05	AVU, BFQ	75	550100	550028			
					550123	550478			
					550138				
1.6 16V	(1J2)	05/00 - 05/05	ATN, AUS, AZD, BCB	77	550376	550026	550106	550194	
						550033			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 16V	Estate (1J6)	02/00 - 05/05	ATN, AUS, AZD, BCB	77	550376	550026 550033	550106	550194		
					550100		550601			
1.8	(1J2)	10/98 - 05/05	AGN, BAF	92	550109		550602			
					550138					
1.8 4motion	(1J2)	02/99 - 05/05	AGN	92	550100	550222	550601			
					550109		550602			
					550138					
	Estate (1J6)	05/99 - 05/05	AGN	92	550100	550222	550601			
					550109		550602			
					550138					
1.8 T	(1J2)	05/00 - 05/05	AGU, ARX, AUM, BAE	110	550100		550106	550132		550495
					550109			550606		
					550123					
					550138					
	Estate (1J6)	05/00 - 05/05	AGU, ARX, AUM	110	550100	550222	550106	550132		550495
					550123			550606		
					550138					
	(1J2)	03/02 - 05/05	AUQ	132	550123	550222		550132		550495
								550606		
	Estate (1J6)	05/02 - 05/05	AUQ	132	550123	550222		550132		550495
								550606		
1.9 SDI	(1J2)	10/98 - 05/05	AGP, AQM	50	550585					
					550100			550132		
					550138					
1.9 TDI	(1J2)	10/98 - 06/01	AGR, ALH	66	550452					
					550585					
	Estate (1J6)	07/04 - 05/05	AGR	66	550585			550606		
	(1J2)	09/00 - 05/05	ATD, AXR	74	550102	550254		550132		
								550606		
	Estate (1J6)	09/00 - 05/05	ATD, AXR	74	550102	550254		550132		
								550606		
					550100			550132		
	(1J2)	10/98 - 06/01	AHF, ASV	81	550138					
					550452					
					550585					
	Estate (1J6)	05/99 - 06/01	AHF, ASV	81	550100			550132		
					550138					
					550452					
					550585					
	(1J2)	12/98 - 06/01	AJM, AUJ	85	550102	550254		550132		
	Estate (1J6)	05/99 - 06/01	AJM, AUJ	85	550102	550254		550132		
	(1J2)	11/00 - 05/05	ASZ	96	550102	550254		550132		
	Estate (1J6)	11/00 - 05/05	ASZ	96	550102	550254		550132		
	(1J2)	05/00 - 05/05	ARL	110	550102	550254		550366		
	Estate (1J6)	05/01 - 05/05	ARL	110	550102	550254		550366		
					550100			550132		
1.9 TDI 4motion	(1J2)	02/99 - 06/01	AGR	66	550138					
					550585					
	(1J2)	09/00 - 05/05	ATD	74	550102	550254		550132		
								550606		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TDI 4motion	Estate (1J6)	09/00 - 05/05	ATD	74	550102	550254		550132 550606		
	(1J2)	02/99 - 06/01	AJM, AUJ	85	550102	550254		550132		
	Estate (1J6)	05/99 - 06/01	AJM, AUJ	85	550102	550254		550132		
	(1J2)	11/00 - 05/05	ASZ	96	550102	550254		550132		
	Estate (1J6)	11/00 - 05/05	ASZ	96	550102	550254		550132		
	(1J2)	05/00 - 05/05	ARL	110	550102	550254		550366		
	Estate (1J6)	05/01 - 05/05	ARL	110	550102	550254		550366		
2.0	(1J2)	10/98 - 05/05	APK, AQY, AZG, AZH, AZJ	85	550100 550109 550123 550138	550235	550106			
	Estate (1J6)	05/99 - 05/05	APK, AQY, AZG, AZH, AZJ	85	550100 550109 550123 550138		550106			
2.0 4motion	(1J2)	04/00 - 05/05	AZH, AZJ	85	550100 550109 550123	550235	550106			
	Estate (1J6)	04/00 - 05/05	AZH, AZJ	85	550100 550109 550123	550235	550106			
2.3 V5	(1J2)	10/98 - 10/00	AGZ	110	550100 550138		550106			550495
	Estate (1J6)	05/99 - 10/00	AGZ	110	550100 550138		550106			550495
	(1J2)	10/00 - 05/05	AQN	125			550106			
	Estate (1J6)	10/00 - 05/05	AQN	125			550106			
2.3 V5 4motion	(1J2)	12/98 - 10/00	AGZ	110	550100 550138		550106			550495
	Estate (1J6)	05/99 - 10/00	AGZ	110	550100 550138		550106			550495
	(1J2)	10/00 - 05/05	AQN	125			550106			
	Estate (1J6)	10/00 - 05/05	AQN	125			550106			
2.8 V6 4motion	(1J2)	03/99 - 05/05	AQP, AUE, BDE	150			550106			
	Estate (1J6)	05/99 - 05/05	AQP, AUE, BDE	150			550106			

CADDY

11/95 -

1.4	II Estate (9K9B)	11/95 - 01/04	AEX, AKV, APQ, AUD	44	550221			550085 550237		550324
	II Box (9K9A)	08/00 - 01/04	AUA	55		550026 550033		550194 550237		
	III Box (2KA, 2KH, 2CA, 2CH)	03/04 - 05/06	BCA	55	550119		550106	550365 550557 550570		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	03/04 - 05/06	BCA	55	550119			550365 550557 550570		
1.4 16V	II Estate (9K9B)	08/00 - 01/04	AUA	55		550026 550033		550237		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 16V	III Box (2KA, 2KH, 2CA, 2CH)	05/06 - 08/10	BUD	59				550365 550557 550570		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	05/06 - 08/10	BUD	59				550365 550557 550570		
1.6	II Estate (9K9B)	06/97 - 09/00	AEE	55					550359	550324
	II Pickup (9U7)	06/96 - 12/00	AEE	55				550194	550359	
	III Box (2KA, 2KH, 2CA, 2CH)	04/04 -	BGU	75	550123	550028		550085		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	04/04 -	BGU	75	550123	550028		550085		
1.9 TDI	III Box (2KA, 2KH, 2CA, 2CH)	09/05 - 08/10	BSU	55				550606		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	09/05 - 08/10	BSU	55				550606		
	II Box (9K9A)	09/96 - 01/04	1Z, AHU, ALH	66	550585			550132		
	II Estate (9K9B)	10/96 - 01/04	AHU, ALE, ALH	66	550585			550132		
	III Box (2KA, 2KH, 2CA, 2CH)	04/04 - 08/10	BJB	77	550119			550606		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	04/04 - 08/10	BJB	77	550119			550606		
1.9 TDI 4motion	III Box (2KA, 2KH, 2CA, 2CH)	11/08 - 08/10	BLS	77				550606		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	05/08 - 08/10	BLS	77				550606		
2.0 EcoFuel	III Box (2KA, 2KH, 2CA, 2CH)	04/06 -	BSX	80		550235		550365 550557 550570		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	04/06 -	BSX	80		550235		550365 550557 550570		
2.0 SDI	III Box (2KA, 2KH, 2CA, 2CH)	03/04 - 08/10	BDJ	51	550119			550606		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	03/04 - 08/10	BDJ	51	550119			550606		
2.0 TDI	III Box (2KA, 2KH, 2CA, 2CH)	09/07 - 08/10	BMM	103				550265		
	III Estate (2KB, 2KJ, 2CB, 2CJ)	09/07 - 08/10	BMM	103				550265		
60 1.4	II Box (9K9A)	11/95 - 01/04	AEX, APQ, AUD	44	550221			550085 550237		550324
75 1.6	II Box (9K9A)	11/95 - 09/00	AEE	55				550194	550359	550324

VW

CORRADO

08/87 - 12/95

1.8 16V	(53I)	04/89 - 07/92	KR	100	550099					
1.8 G60	(53I)	09/88 - 09/93	PG	118	550099		550207			
2.0 i	(53I)	04/93 - 12/95	2E, ADY	85	550099 550108					
2.0 i 16V	(53I)	08/91 - 12/95	9A	100			550207			
2.9 VR6	(53I)	08/91 - 12/95	ABV	140			550246			550587

CRAFTER 30-35

04/06 -

2.5 TDI	Bus (2E_)	04/06 -	BJJ	65				550265		
	Bus (2E_)	04/06 -	BJK	80				550265		
	Bus (2E_)	04/06 -	BJL	100				550265		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.5 TDI	Bus (2E_)	04/06 -	BJM	120				550265		
---------	-----------	---------	-----	-----	--	--	--	--------	--	--

CRAFTER 30-50 04/06 -

2.5 TDI	Box (2E_)	04/06 -	BJJ	65				550265		
	Platform/Chassis (2F_)	04/06 -	BJJ	65				550265		
	Box (2E_)	04/06 -	BJK	80				550265		
	Platform/Chassis (2F_)	04/06 -	BJK	80				550265		
	Box (2E_)	04/06 -	BJL	100				550265		
	Platform/Chassis (2F_)	04/06 -	BJL	100				550265		
	Box (2E_)	04/06 -	BJM	120				550265		
	Platform/Chassis (2F_)	04/06 -	BJM	120				550265		

EOS 03/06 -

1.4 TSI	(1F7, 1F8)	11/07 -	CAXA	90				550606		
1.6 FSI	(1F7, 1F8)	06/06 - 05/08	BLF	85		550120		550365 550557 550570		
2.0 FSI	(1F7, 1F8)	03/06 - 05/08	BVY	110	550232	550476		550085		
2.0 TDI	(1F7, 1F8)	05/08 -	CFFA	100				550605		
	(1F7, 1F8)	06/06 - 05/08	BMM	103				550265		
2.0 TFSI	(1F7, 1F8)	03/06 -	BWA	147				550263		
3.2 V6	(1F7, 1F8)	06/06 -	BUB	184		550120				

FOX 10/03 -

1.0	(5Z1, 5Z3)	10/03 -	AQZ, BJE	53				550557 550570		
	(5Z1, 5Z3)	04/08 -	CCNA	54				550557 550570		
1.0 Total Flex	(5Z1, 5Z3)	03/08 -	CCNA	54				550557 550570		
1.2	(5Z1, 5Z3)	04/05 -	BMD	40	550029		550106			
1.4	(5Z1, 5Z3)	04/05 -	BKR	55	550119	550120	550106	550365 550557 550570		
1.4 TDI	(5Z1, 5Z3)	04/05 -	BNM	51		550254		550132 550606		

GOLF 01/79 -

1.2 TSI	VI (5K1)	05/10 -	CBZA	63				550605		
	VI Variant (AJ5)	07/10 -	CBZA	63				550605		
	VI (5K1)	05/09 -	CBZB	77				550605		
	VI Convertible (517)	03/11 -	CBZB	77				550605		
	VI Variant (AJ5)	08/09 -	CBZB	77				550605		
1.4	III (1H1)	11/91 - 08/97	ABD, AEX	40	550099			550237		550324
	III Variant (1H5)	07/93 - 04/99	ABD	40	550099					550324
	III (1H1)	10/91 - 08/97	ABD, AEX	44	550099			550237		550324

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

VW



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4	III Variant (1H5)	07/93 - 04/99	ABD, AEX, APQ	44	550099				550237	550324
	V Variant (1K5)	06/07 -	BUD	59					550365 550557 550570	
	VI (5K1)	10/08 -	CGGA	59					550365 550557 550570 550605	
	VI Variant (AJ5)	07/09 -	BUD	59					550557 550570	
1.4 16V	IV (1J1)	08/97 - 06/05	AHW, AKQ, APE, AXP, BCA	55	550376	550026	550106		550085 550194	
	IV Variant (1J5)	05/99 - 06/06	AHW, AKQ, APE, AXP, BCA	55	550376	550026 550033 550120	550106		550085 550194	
	PLUS (5M1, 521)	01/05 -	BCA	55	550119 550123				550365 550557 550570	
	V (1K1)	10/03 - 05/06	BCA	55	550119	550026 550033			550365 550557 550570	
	PLUS (5M1, 521)	05/06 -	BUD	59					550365 550557 550570	
	V (1K1)	05/06 - 11/08	BUD	59					550365 550557 550570	
						550120			550365	
1.4 FSI	PLUS (5M1, 521)	07/05 -	BLN	66					550557 550570	
	V (1K1)	10/03 - 07/06	BKG, BLN	66	550119				550365 550557 550570	
1.4 TSI	PLUS (5M1, 521)	06/07 -	CAXA	90					550606	
	V (1K1)	05/07 - 11/08	CAXA	90					550606	
	V Variant (1K5)	06/07 -	CAXA	90					550606	
	VI (5K1)	10/08 -	CAXA	90					550605 550606	
	VI Convertible (517)	11/11 -	CAXA	90					550605	
	VI Variant (AJ5)	07/09 -	CAXA	90					550605 550606	
	PLUS (5M1, 521)	05/06 - 06/08	BMY	103		550120			550265	
	V (1K1)	05/06 - 11/08	BMY	103		550120			550265	
	V Variant (1K5)	06/07 -	BMY	103		550120			550265	
	VI (5K1)	10/08 -	CAVD	118					550605	
	VI Convertible (517)	03/11 -	CAVD	118					550605	
	VI Variant (AJ5)	07/09 -	CAVD	118					550605	
	PLUS (5M1, 521)	05/06 - 06/08	BLG	125		550120			550265	
	V (1K1)	11/05 - 11/08	BLG	125					550265	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.4 TSI	V Variant (1K5)	06/07 -	BLG	125		550120		550265		
1.6	III (1H1)	09/92 - 08/97	ABU, AEA, AEE	55	550099			550194	550359	550324
	III Variant (1H5)	07/93 - 12/97	ABU, AEA, AEE	55				550194	550359	
	III (1H1)	07/95 - 08/97	AEK, AFT, AKS	74	550108 550255		550236		550359	550324 550587
	III Cabriolet (1E7)	10/94 - 05/98	AEK, AFT, AKS	74	550255				550359	550587
	III Variant (1H5)	07/94 - 04/99	AEK, AFT, AKS	74	550108 550255		550236		550359	550324 550587
	IV (1J1)	08/97 - 02/00	AEH, AKL, APF	74	550100 550109 550123 550138	550235 550478	550601			550324
	IV Cabriolet (1E7)	06/98 - 06/02	AFT, AKS	74			550236			550587
	IV Variant (1J5)	05/99 - 02/00	AEH, AKL, APF	74	550100 550109 550138	550235 550478	550601			550324
	IV (1J1)	08/00 - 06/05	AVU, BFQ, BJH	75	550100 550123 550138	550478				550324
	IV Variant (1J5)	08/00 - 06/06	AVU, BFQ	75	550100 550123 550138					550324
	PLUS (5M1, 521)	05/05 -	BSE, BSF	75	550123	550028		550085 550557 550570		
	V (1K1)	01/04 - 11/08	BGU, BSE, BSF	75	550123	550028		550085		
	V Variant (1K5)	06/07 -	BSE	75				550557 550570		
	VI (5K1)	10/08 -	BSE, BSF, CCSA	75				550557 550570 550605		
	VI Variant (AJ5)	07/09 -	BSE, BSF, CCSA	75				550557 550570		
1.6 16V	IV (1J1)	02/00 - 06/05	ATN, AUS, AZD, BCB	77	550376	550026 550033	550106	550194		550495
	IV Variant (1J5)	02/00 - 06/06	ATN, AUS, AZD, BCB	77	550376	550026 550033	550106	550194		550495
1.6 BiFuel	VI (5K1)	03/09 -	CHGA	75				550605		
1.6 FSI	PLUS (5M1, 521)	01/05 - 05/08	BLF	85	550119 550123	550120		550365 550557 550570		
	V (1K1)	10/03 - 07/08	BAG, BLF	85	550119			550365 550557 550570		
1.6 MultiFuel	PLUS (5M1, 521)	11/07 -	CCSA, CMXA	75				550557 550570		
	V (1K1)	10/07 - 11/08	CCSA	75				550557 550570		
	V Variant (1K5)	11/07 -	CCSA	75				550557 550570		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6 MultiFuel	VI (5K1)	10/08 -	CCSA	75				550557 550570 550605		
1.6 TDI	VI (5K1)	02/09 -	CAYB	66				550605		
	VI (5K1)	02/09 -	CAYC	77				550605		
	VI Convertible (517)	03/11 -	CAYC	77				550605		
1.8	III (1H1)	11/91 - 08/97	AAM	55	550099				550359	550324
	III Cabriolet (1E7)	07/93 - 05/98	AAM	55	550099				550359	
	III Variant (1H5)	07/93 - 04/99	AAM, ANN	55	550099				550359	550324
	III (1H1)	11/91 - 08/97	ABS, ACC, ADZ	66					550359	550324
	III Cabriolet (1E7)	07/93 - 05/98	ABS, ADZ	66					550359	
	III Variant (1H5)	07/93 - 04/99	ABS, ADZ, ANP	66					550359	550324
	I Cabriolet (155)	08/89 - 03/93	2H	72				550207		
	I Cabriolet (155)	08/82 - 12/89	DX, EV, PB	82				550207		
	IV (1J1)	08/97 - 06/05	AGN, BAF	92	550100 550109 550138			550601 550602		550324 550495
1.8 4motion	IV (1J1)	05/98 - 06/05	AGN	92	550100 550109 550138	550222		550601 550602		550324 550495
	IV Variant (1J5)	05/99 - 06/06	AGN	92	550100 550109 550138	550222		550601 550602		550324 550495
1.8 GTI	II (19E, 1G1)	08/85 - 10/87	RD	79				550207		
1.8 GTI 16V	II (19E, 1G1)	02/86 - 10/91	PL	95				550207 550236		
1.8 GTI CAT	II (19E, 1G1)	01/87 - 10/91	PF	79				550207 550236		
1.8 GTI G60	II (19E, 1G1)	04/90 - 07/91	PG	118				550236		
1.8 GTI G60 Syncro	II (19E, 1G1)	08/88 - 07/91	1H, PG	118				550207 550236		
1.8 Syncro	III (1H1)	01/93 - 08/97	ABS, ADZ	66					550359	550324
	III Variant (1H5)	10/94 - 04/99	ADZ	66					550359	550324
	II (19E, 1G1)	08/88 - 07/91	1P	72				550207		
1.8 T	IV (1J1)	08/97 - 06/05	AGU, ARZ, AUM	110	550100 550109 550123 550138	550222		550106 550601 550602	550132	550324 550495
	IV Variant (1J5)	05/00 - 06/06	AGU, AUM	110	550100 550109 550123 550138	550222		550106 550601 550602	550132	550324 550495
1.8 T GTI	IV (1J1)	08/01 - 06/05	AUQ	132	550123	550222		550106	550132	550495
1.8 TSI	VI (5K1)	06/09 -	CDA A	118				550605		
1.9 SDI	IV (1J1)	08/97 - 06/05	AGP, AQM	50	550452 550585					
	IV Variant (1J5)	05/99 - 06/06	AGP, AQM	50	550452 550585					

VW

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

VW

1.9 TD	III Variant (1H5)	07/93 - 04/99	AAZ	55					550324
1.9 TD,GTD	III (1H1)	11/91 - 08/97	AAZ	55					550324
1.9 TDI	III (1H1)	09/93 - 08/97	1Z, AHU, ALE	66					550324
	III Variant (1H5)	03/94 - 04/99	1Z, AHU, ALE	66					550324
	IV (1J1)	10/97 - 05/04	AGR, ALH	66	550100			550132	550324
					550138			550606	
					550452				
					550585				
	IV Variant (1J5)	05/99 - 05/06	AGR, ALH	66	550100			550132	550324
					550138			550606	
					550452				
					550585				
	PLUS (5M1, 521)	05/05 - 12/08	BRU, BXF	66	550119			550606	
	V (1K1)	05/04 - 11/08	BRU, BXF	66	550119			550606	
	IV (1J1)	09/00 - 06/05	ATD, AXR	74	550102	550254		550132	550324
					550606			550606	
	IV Variant (1J5)	09/00 - 06/06	ATD, AXR	74	550102	550254		550132	550324
					550606			550606	
	PLUS (5M1, 521)	01/05 - 01/09	BKC, BLS, BXE	77	550119			550606	
	V (1K1)	10/03 - 11/08	BKC, BLS, BXE	77	550119			550606	
	V Variant (1K5)	06/07 -	BLS	77				550265	
					550606				
	III (1H1)	04/96 - 08/97	AFN	81					550324
	III Variant (1H5)	04/96 - 04/99	AFN	81					550324
					550100			550132	
					550138			550606	
					550452				
	IV (1J1)	08/97 - 05/04	AHF, ASV	81	550585				550324
					550100			550132	
					550138			550606	
					550452				
	IV Variant (1J5)	05/99 - 06/01	AHF, ASV	81	550585			550132	550324
					550100				
					550138				
					550452				
	IV (1J1)	12/98 - 06/01	AJM, AUJ	85	550102	550254		550132	550324
	IV Variant (1J5)	08/99 - 06/01	AJM, AUJ	85	550102	550254		550132	550324
	IV (1J1)	11/00 - 06/05	ASZ	96	550102	550254		550132	550324
	IV Variant (1J5)	11/00 - 06/06	ASZ	96	550102	550254		550132	550324
	IV (1J1)	05/00 - 06/05	ARL	110	550102	550254		550132	550366
					550366				
1.9 TDI 4motion	IV (1J1)	07/98 - 04/02	AGR, ALH	66	550100			550132	550324
					550138				
					550452				
					550585				
	IV Variant (1J5)	05/99 - 04/02	AGR, ALH	66	550100			550132	550324
550138									
550452									
550585									
	IV (1J1)	09/00 - 06/05	ATD	74	550102	550254		550132	550324
					550606			550606	
	IV Variant (1J5)	09/00 - 06/06	ATD	74	550102	550254		550132	550324
					550606			550606	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TDI 4motion	V (1K1)	08/04 - 11/08	BKC, BLS, BXE	77	550119			550606		
	V Variant (1K5)	01/08 -	BLS	77				550606		
	IV (1J1)	09/99 - 06/01	AJM, AUJ	85	550102	550254		550132		550324
	IV Variant (1J5)	05/99 - 06/01	AJM	85	550102	550254		550132		
	IV (1J1)	11/00 - 06/05	ASZ	96	550102	550254		550132		550324
	IV Variant (1J5)	11/00 - 06/06	ASZ	96	550102	550254		550132		550324
	IV (1J1)	02/00 - 06/05	ARL	110	550102	550254		550132 550366		
	1.9 TDI Syncro	III (1H1)	08/95 - 08/97	1Z, AHU, ALE	66					550324
	III Variant (1H5)	07/95 - 04/99	1Z, AHU	66						550324
2.0	III (1H1)	11/91 - 08/97	2E, ABA, ADY, AGG	85	550099 550108		550107		550359	550324
	III Cabriolet (1E7)	07/93 - 05/98	2E, ADY, AGG, AKR	85	550099 550108		550107		550359	
	III Variant (1H5)	07/93 - 04/99	2E, ADY, AGG, AKR	85	550108		550107		550359	550324
	IV (1J1)	07/98 - 05/04	APK, AQY, AZG, AZJ	85	550100 550109 550123 550138	550235	550106			550324
	IV Cabriolet (1E7)	06/98 - 06/02	AGG, AKR, ATU, AWF, AWG	85			550107 550236			550587
	IV Variant (1J5)	05/99 - 06/06	APK, AQY, AZJ	85	550100 550109 550123 550138	550235	550106			550324
	V (1K1)	08/06 - 11/08	BHY	85				550557 550570		
	V Variant (1K5)	06/07 -	BWA	147				550263		
2.0 4motion	IV (1J1)	10/00 - 06/05	AZH, AZJ	85	550100 550109 550123	550235	550106			
	IV Variant (1J5)	10/00 - 06/06	AZH, AZJ	85	550100 550109 550123	550235	550106			
2.0 Bi-Fuel	IV Variant (1J5)	02/02 - 06/06	BEH	85	550123	550235	550106			
2.0 FSI	PLUS (5M1, 521)	05/05 - 06/08	BLR, BLY, BVY, BVZ	110	550123 550232	550027 550476		550085		
	V (1K1)	01/04 - 11/08	AXW, BLR, BLX, BLY, BVX, BVY, BVZ	110	550232	550027 550188 550476		550085		
2.0 FSI 4motion	V (1K1)	08/04 - 11/08	BLX, BLY, BVX, BVY, BVZ	110	550232	550027 550476				
2.0 GTI	V (1K1)	10/04 - 02/09	AXX, BPY, BWA	147	550123	550027		550263 550605		
	V (1K1)	09/06 - 12/08	BYD	169				550265		
2.0 GTI 16V	III (1H1)	08/92 - 08/97	ABF	110	550108		550107		550359	
2.0 R 4motion	VI (5K1)	11/09 -	CDLC	188				550605		
	VI (5K1)	11/09 -	CDLA	195				550605		
	VI (5K1)	11/09 -	CDLF	199				550605		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR





Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 SDI	V (1K1)	01/04 - 11/08	BDK	55	550119			550606			
2.0 Syncro	III (1H1)	08/95 - 08/97	AGG	85	550108		550107		550359	550324	
	III Variant (1H5)	08/95 - 04/99	AGG	85			550107		550359	550324	
2.0 TDI	VI (5K1)	10/08 -	CBDC	81				550605			
	PLUS (5M1, 521)	05/05 - 05/07	BEE	96				550606			
	PLUS (5M1, 521)	05/05 -	AZV	100				550265			
	V (1K1)	10/03 - 11/08	AZV	100				550265			
	VI (5K1)	10/08 -	CBAA, CFFA	100				550605			
	PLUS (5M1, 521)	12/05 - 05/09	BMM	103				550265			
	V (1K1)	12/04 - 11/08	BMM	103				550265			
	VI (5K1)	10/08 -	CBAB, CFFB, CJAA	103				550605			
	VI Convertible (517)	11/11 -	CFHC	103				550605			
	V (1K1)	11/05 - 11/08	BMN	125	550119			550265			
	VI (5K1)	04/09 -	CBBB, CFGB	125				550605			
	2.0 TDI 16V	PLUS (5M1, 521)	01/05 -	BKD	103	550119			550265		
		V (1K1)	10/03 - 11/08	BKD	103	550119			550265		
V Variant (1K5)		06/07 -	BKD	103				550265			
2.0 TDI 16V 4motion	V (1K1)	08/04 - 11/08	BKD	103	550119			550265			
2.0 TDI 4motion	V (1K1)	08/04 - 11/08	BMM	103				550265			
	VI (5K1)	05/09 -	CBAB, CFFB	103				550605			
2.0 TSI	VI (5K1)	04/09 -	CCZB	155	550483			550605			
2.3 V5	IV (1J1)	08/97 - 10/00	AGZ	110	550100 550138		550106			550324 550495	
		IV Variant (1J5)	05/99 - 06/06	AGZ	110	550100 550138		550106		550324 550495	
	IV (1J1)	10/00 - 06/05	AQN	125			550106			550324	
	IV Variant (1J5)	10/00 - 06/06	AQN	125			550106			550324	
	2.3 V5 4motion	IV (1J1)	12/98 - 10/00	AGZ	110	550100 550138		550106			550324 550495
			IV Variant (1J5)	05/99 - 06/06	AGZ	110	550100 550138		550106		550324 550495
IV (1J1)		10/00 - 06/05	AQN	125			550106			550324	
2.8 V6 4motion	IV (1J1)	03/99 - 06/05	AQP, AUE, BDE	150			550106				
		IV Variant (1J5)	05/99 - 06/06	AQP, AUE, BDE	150			550106			
2.8 VR6	III (1H1)	01/92 - 08/97	AAA	128			550107			550587	
							550246				
2.9 VR6	III Variant (1H5)	10/94 - 04/99	ABV	140			550246				
2.9 VR6 Syncro	III (1H1)	10/94 - 08/97	ABV	140			550107			550587	
							550246				
	III Variant (1H5)	10/94 - 04/99	ABV	140			550107 550246			550587	
3.2 R32 4motion	IV (1J1)	09/02 - 06/05	BFH	177	550505		550106				
	V (1K1)	11/05 - 11/08	BUB	184		550120					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
 MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

JETTA		01/84 -									
1.2 TSI	IV (162)	02/11 -	CBZB	77					550605		
1.4 TSI	III (1K2)	05/07 - 10/10	CAXA	90					550263		
									550605		
	III (1K2)	07/06 - 10/10	BMV	103					550606		
	IV (162)	04/11 -	CAVD	118					550265		
	III (1K2)	07/06 - 10/10	BLG	125					550605		
1.6	III (1K2)	10/05 - 10/10	BSE, BSF	75	550123	550028			550085		
									550557		
								550570			
1.6 FSI	III (1K2)	09/05 - 10/10	BLF	85	550119	550120			550365		
									550557		
								550570			
1.6 MultiFuel	III (1K2)	01/08 - 10/10	CCSA	75					550557		
									550570		
1.6 TDI	III (1K2)	12/09 - 10/10	CAYB	66					550606		
	III (1K2)	06/09 - 10/10	CAYC	77					550606		
1.8	II (19E, 1G2)	08/85 - 10/87	RD	79				550207			
1.8 16V	II (19E, 1G2)	08/86 - 10/91	PL	95				550207			
								550236			
1.8 CAT	II (19E, 1G2)	01/87 - 10/91	PF	79				550207			
								550236			
1.8 Syncro	II (19E, 1G2)	08/88 - 07/91	1P	72				550207			
1.9 TDI	III (1K2)	08/05 - 10/10	BKC, BLS	77	550119				550606		
2.0 FSI	III (1K2)	08/05 - 10/10	BLR, BLY, BVY, BVZ	110		550027			550085		
								550605			
2.0 TDI	III (1K2)	09/05 - 10/10	AZV	100					550265		
									550265		
	III (1K2)	10/05 - 10/10	BMM	103					550265		
2.0 TDI 16V	III (1K2)	08/05 - 10/10	CBDB	103	550119				550265		
2.0 TFSI	III (1K2)	10/05 - 10/10	BWA, CCZA	147		550027			550263		
								550606			
2.5 FSI	III (1K2)	01/06 - 10/10	BGP, BTK	110	550483						
	III (1K2)	07/08 - 10/10	CBUA	125					550557		
									550570		

LT 28-35		04/96 - 07/06									
2.5 TDI	II Bus (2DM)	05/01 - 07/06	BBE	61					550606		
	II Bus (2DM)	05/01 - 07/06	BBF	70					550606		
	II Bus (2DM)	05/99 - 07/06	ANJ, AVR	80					550132		
									550606		

LT 28-46		04/96 - 07/06									
2.5 TDI	II Box (2DX0AE)	05/01 - 07/06	BBE	61					550606		
	II Platform/Chassis (2DX0FE)	05/01 - 07/06	BBE	61					550606		
	II Box (2DX0AE)	05/01 - 07/06	BBF	70					550606		
	II Platform/Chassis (2DX0FE)	05/01 - 07/06	BBF	70					550606		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR





Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.5 TDI	II Box (2DX0AE)	05/99 - 07/06	ANJ, AVR	80				550132 550606		
	II Platform/Chassis (2DX0FE)	05/99 - 07/06	ANJ, AVR	80				550132 550606		
2.8 TDI	II Box (2DX0AE)	04/02 - 07/06	AUH	116				550132		
	II Platform/Chassis (2DX0FE)	04/02 - 07/06	AUH	116				550132		

LUPO 09/98 - 07/05

1.0	(6X1, 6E1)	09/98 - 07/05	AER, ALD, ALL, ANV, AUC	37	550221	550474	550602	550194 550237		550324
	(6X1, 6E1)	10/98 - 05/00	AHT	37						550324
1.2 TDI 3L	(6X1, 6E1)	07/99 - 07/05	ANY, AYZ	45	550101	550254		550132 550606		
1.4	(6X1, 6E1)	10/00 - 07/05	AUD	44		550474		550085		550324
1.4 16V	(6X1, 6E1)	09/98 - 07/05	AHW, AKQ, APE, AUA, BBY	55		550026 550033		550194		550324
	(6X1, 6E1)	08/99 - 07/05	AFK, AQQ, AUB	74		550026 550033		550194		550324
1.4 FSI	(6X1, 6E1)	02/01 - 07/05	ARR	77		550120	550106	550363		550324
1.4 TDI	(6X1, 6E1)	01/99 - 07/05	AMF	55	550101	550254		550132 550606		
1.6 GTI	(6X1, 6E1)	09/00 - 07/05	AVY	92		550120		550194		550324

MULTIVAN 04/03 -

1.9 TDI	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	01/06 - 11/09	BRR	62				550606		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	06/06 - 11/09	BRS	75				550606		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	04/03 - 11/09	AXB	77	550102	550254		550606		
2.0	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	11/03 -	AXA	85		550235	550106			
2.0 BiTDI	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	09/09 -	CFCA	132				550605		
2.0 BiTDI 4motion	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	09/09 -	CFCA	132				550605		
2.0 TDI	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	09/09 -	CAAA	62				550605		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	09/09 -	CAAB	75				550605		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	05/10 -	CAAE, CCHB	100				550557		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	09/09 -	CAAC	103				550605		
2.0 TDI 4motion	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	05/10 -	CAAE	100				550557		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	09/09 -	CAAC	103				550605		
2.5 TDI	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	04/03 - 11/09	AXD	96				550265		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	04/03 - 11/09	AXE	128				550265		
2.5 TDI 4motion	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	07/04 - 11/09	AXD	96				550265		
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	07/04 - 11/09	AXE	128				550265		
3.2 V6	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	02/04 - 06/04	BDL	170	550505		550106			
	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	02/04 - 11/09	BKK	173	550505					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

3.2 V6 4motion	V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	07/04 - 11/09	BKK	173	550505					
----------------	----------------------------------	---------------	-----	-----	--------	--	--	--	--	--

NEW BEETLE 01/98 -

1.4	(9C1, 1C1)	11/01 -	BCA	55	550026 550033	550106	550085		
	Convertible (1Y7)	01/03 - 09/10	BCA	55	550026 550033	550106	550085		
1.6	(9C1, 1C1)	10/99 - 09/00	AWH	74	550123	550235			
	(9C1, 1C1)	06/00 -	AYD	75	550100 550123 550138	550028	550106		
	Convertible (1Y7)	01/03 - 09/10	BFS	75	550123	550028	550106		
1.8 T	(9C1, 1C1)	10/99 -	APH, AVC, AWU, AWW	110	550100 550109 550138	550222	550106	550132	550495
	Convertible (1Y7)	01/03 - 09/10	AWU	110	550109 550123	550222	550106	550132	
	(9C1, 1C1)	11/01 - 06/05	AWP	132		550222			550495
					550100 550138 550452 550585			550132	550324
1.9 TDI	(9C1, 1C1)	01/98 - 06/04	ALH	66					
	(9C1, 1C1)	02/01 -	ATD	74	550102	550254		550606	
	Convertible (1Y7)	06/03 - 09/10	AXR	74				550132 550606	
	(9C1, 1C1)	07/05 -	BSW	77	550102	550254		550606	
	Convertible (1Y7)	07/05 - 09/10	BSW	77				550606	
2.0	(9C1, 1C1)	01/98 -	AEG, APK, AQY, AZG	85	550100 550109 550138		550106	550365 550557 550570	550324 550495
	Convertible (1Y7)	09/02 - 10/10	AZJ, BDC, BGD	85	550100 550123		550106	550132	
2.3 V5	(9C1, 1C1)	10/00 -	AQN	125			550106		
					550483			550557	
2.5	(9C1, 1C1)	07/05 -	BPR	110				550570 550605	
	Convertible (1Y7)	07/05 - 09/10	BPR	110	550483			550557 550570 550605	

PASSAT 11/79 -

	(3C2)	11/05 -	AXZ	184	550120				
1.3	(32B)	08/80 - 07/86	FZ	44			550207		
	Variant (32B)	08/80 - 07/86	FZ	44			550207		
1.4 TSI	(362)	08/10 -	CAXA	90				550605 550606	
	(3C2)	05/07 - 07/10	CAXA	90				550606	
	Variant (365)	08/10 -	CAXA	90				550605 550606	

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR





Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

VW

1.4 TSI	Variant (3C5)	05/07 - 11/10	CAXA	90					550606	
1.4 TSI EcoFuel	(362)	08/10 -	CDGA	110					550605	
	Variant (365)	08/10 -	CDGA	110					550605	
1.4 TSI MultiFuel	(362)	11/10 -	CKMA	118					550605	
	Variant (365)	11/10 -	CKMA	118					550605	
1.6	(32B)	02/86 - 03/88	RF, RL	53				550207		
	(3A2, 35I)	02/88 - 09/91	1F, EZ	53						550324
	Saloon (32B)	01/85 - 03/88	RF, RL	53				550207		
	Variant (32B)	02/86 - 03/88	RL	53				550207		
	Variant (3A5, 35I)	04/88 - 09/91	1F, EZ	53						550324
	(32B)	08/80 - 03/88	WV, YN	55				550207		
	(32B)	08/80 - 03/88	DT	55				550207		
	Saloon (32B)	01/85 - 03/88	DT	55				550207		
	Variant (32B)	08/80 - 03/88	WV, YN	55				550207		
	Variant (32B)	08/80 - 03/88	DT	55				550207		
	(3A2, 35I)	10/94 - 08/96	AEK, AFT	74	550255			550236		550324 550587
	(3B2)	10/96 - 11/00	ADP, AHL, ANA, ARM	74	550109 550504					550495 550502
	Variant (3A5, 35I)	07/94 - 12/95	AEK, AFT	74	550255			550236		550324 550587
	Variant (3B5)	06/97 - 11/00	ADP, AHL, ANA, ARM	74	550109 550504					550495 550502
	(3B3)	11/00 - 05/05	ALZ	75	550372	550028			550491	550502
	Variant (3B6)	11/00 - 05/05	ALZ	75	550372	550028			550491	550502
	Variant (3C5)	08/05 - 11/10	BSE, BSF	75	550123 550119	550028 550120			550085 550365 550557 550570	
1.6 FSI	(3C2)	03/05 - 06/08	BLF	85						
	Variant (3C5)	08/05 - 06/08	BLF	85	550119	550120			550365 550557 550570	
1.8	(3A2, 35I)	08/90 - 08/96	AAM	55	550099					550324
	Variant (3A5, 35I)	08/90 - 05/97	AAM	55						550324
	(32B)	05/86 - 03/88	RM	64				550207		
	Saloon (32B)	05/86 - 03/88	RM	64				550207		
	Variant (32B)	05/86 - 03/88	RM	64				550207		
	(32B)	01/83 - 03/88	DS, JN	66				550207		
	(3A2, 35I)	02/88 - 08/96	ABS, ADZ, RP	66	550099					550324
	Saloon (32B)	01/85 - 03/88	DS, JN	66				550207		
	Variant (32B)	01/83 - 03/88	DS, JN	66				550207		
	Variant (3A5, 35I)	02/88 - 05/97	ABS, ADZ, RP	66	550099					550324
	(3A2, 35I)	04/88 - 07/93	PF	79	550099					
	Variant (3A5, 35I)	04/88 - 07/90	PF	79	550099					

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

**Vehicle****Date****Engine****kW****CKP****CMP****KNS****MAP****TPS****OTHERS**

1.8	(32B)	12/83 - 03/88	DZ	82						550207	
	(3A2, 35I)	04/88 - 07/92	PB	82	550099						
	Variant (32B)	12/83 - 03/88	DZ	82						550207	
	Variant (3A5, 35I)	04/88 - 07/92	PB	82	550099						
	(3B2)	01/97 - 11/00	AFY	85	550504						550495 550502
	Variant (3B5)	06/97 - 11/00	AFY	85	550504						550495 550502
	(3B2)	10/96 - 11/00	ADR, APT, ARG	92	550504	550222	550207			550236	550495 550502
	(3B3)	03/03 - 03/05	APT	92							550502
	Variant (3B5)	06/97 - 11/00	ADR, APT, ARG	92	550504	550222	550207				550495 550502
1.8 4motion	Variant (3B6)	03/01 - 05/05	AWM	125							550502
1.8 G60 Syncro	(3A2, 35I)	08/88 - 08/96	PG	118						550207	
	Variant (3A5, 35I)	08/88 - 05/97	PG	118						550207	
1.8 Syncro	Variant (32B)	01/86 - 03/88	DS, JN	66						550207	
1.8 Syncro/4motion	(3B2)	10/96 - 11/00	ADR, APT, ARG	92	550504	550222	550207				550495 550502
	Variant (3B5)	06/97 - 11/00	ADR, APT, ARG	92	550504	550222	550207				550495 550502
1.8 T	(3B2)	10/96 - 11/00	AEB, ANB, APU	110	550504	550222	550207				550495 550502
	Variant (3B5)	06/97 - 11/00	AEB, ANB, APU	110	550504	550222	550207				550495 550502
	(3B3)	02/01 - 05/05	AWM	125						550491	550495 550502
	Variant (3B6)	05/02 - 08/05	AWM	125						550491	550495
1.8 T 20V	(3B3)	11/00 - 05/05	AWL, AWT	110	550372 550504					550132 550263 550491	550495 550502
	Variant (3B6)	11/00 - 05/05	AWT	110	550372 550504	550222	550217			550132 550263 550491	550495 550502
1.8 T Syncro	(3B2)	11/96 - 08/00	AEB	110							550502
1.8 TSI	(362)	02/11 -	CDAB	112						550605	
	Variant (365)	02/11 -	CDAB	112						550605	
	(362)	08/10 -	CDA A	118						550605	
	(3C2)	05/07 - 07/10	BZB, CDA A	118		550480				550263	
	Variant (365)	08/10 -	CDA A	118						550605	
	Variant (3C5)	05/07 - 10/11	BZB	118		550480				550263	
1.9 D	(3A2, 35I)	05/89 - 10/93	1Y	50							550324
	Variant (3A5, 35I)	05/89 - 10/93	1Y	50							550324
1.9 TD	(3A2, 35I)	03/91 - 08/96	AAZ	55	550099						550324
	Variant (3A5, 35I)	03/91 - 05/97	AAZ	55	550099						550324
1.9 TDI	(3A2, 35I)	10/93 - 08/96	1Z	66							550324

VW

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

KW

CKP

CMP

KNS

MAP

TPS

OTHERS

VW

1.9 TDI	(3B2)	10/96 - 11/00	AHH, AHU	66				550132		550502
	Variant (3A5, 35I)	10/93 - 05/97	1Z, AHU	66						550324
	Variant (3B5)	06/97 - 11/00	AHH, AHU	66				550132		550502
	(3B2)	02/00 - 11/00	AVB	74						550502
	(3B3)	11/00 - 05/05	AVB	74				550132 550491 550606		550502
	Variant (3B5)	02/00 - 11/00	AVB	74						550502
	Variant (3B6)	11/00 - 05/05	AVB	74				550132 550491 550606		550502
	(3C2)	03/05 - 11/08	BKC	77	550119			550606		
	Variant (3C5)	08/05 - 11/08	BKC, BLS	77	550119			550606		
	(3A2, 35I)	03/96 - 08/96	AFN	81						550324
	(3B2)	10/96 - 11/00	AFN, AVG	81				550132		550502
	Variant (3A5, 35I)	03/96 - 05/97	AFN	81						550324
	Variant (3B5)	06/97 - 11/00	AFN, AVG	81				550132		550502
	(3B2)	08/98 - 11/00	AJM, ATJ	85				550132		550502
	Variant (3B5)	08/98 - 11/00	AJM, ATJ	85				550132		550502
	(3B3)	11/00 - 05/05	AVF, AWX	96				550265 550491		550502
	Variant (3B6)	11/00 - 05/05	AVF, AWX	96				550265 550491		550502
1.9 TDI 4motion	(3B2)	08/99 - 11/00	AJM, ATJ	85						550502
	Variant (3B5)	08/99 - 11/00	ATJ	85						550502
	(3B3)	11/00 - 05/05	AVF	96				550265 550491		550502
	Variant (3B6)	11/00 - 05/05	AVF	96				550265 550491		550502
1.9 TDI Syncro/ 4motion	(3B2)	10/96 - 11/00	AFN, AVG	81				550132		550502
	Variant (3B5)	06/97 - 11/00	AFN, AVG	81				550132		550502
2.0	(3A2, 35I)	03/95 - 08/96	AEP	79	550108					
	Variant (3A5, 35I)	03/95 - 08/96	AEP	79	550108					
	(3A2, 35I)	02/90 - 08/96	2E, ADY, AGG	85	550099 550108		550236			550324
	(3B3)	11/00 - 05/05	AZM, BFF	85	550109			550491		550502
	Variant (3A5, 35I)	02/90 - 05/97	2E, ADY, AGG	85	550099 550108		550236			550324
	Variant (3B6)	11/00 - 05/05	AZM	85	550109	550235		550491		550502
	(3B2)	04/00 - 11/00	ASU, AUZ	88						550502
	Variant (3B5)	04/00 - 11/00	ASU, AUZ	88						550502
	(3B3)	11/01 - 05/05	ALT	96	550372	550222	550217	550491		550502
	Variant (3B6)	11/01 - 05/05	ALT	96	550372	550222	550217	550491		550502
2.0 16V	(3A2, 35I)	08/88 - 09/93	9A	100			550207			550324
	Variant (3A5, 35I)	08/88 - 09/93	9A	100	550099		550207			550324

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 16V	(3A2, 35I)	01/94 - 08/96	ABF	110	550108					
	Variant (3A5, 35I)	01/94 - 05/97	ABF	110	550108					
2.0 4motion	(3B3)	11/00 - 05/05	AZM	85	550109	550235		550491		550502
	Variant (3B6)	11/00 - 05/05	AZM	85	550109	550235		550491		550502
	(3B2)	04/00 - 11/00	ASU	88						550502
	Variant (3B5)	04/00 - 11/00	ASU, AUZ	88						550502
2.0 FSI	(3C2)	03/05 - 07/10	BLR, BLY	110	550232	550027 550476		550085		
	Variant (3C5)	08/05 - 11/10	BLR, BLY	110	550232	550027		550085		
	(3C2)	07/05 - 07/10	AXX, BPY, BWA	147				550263		
	Variant (3C5)	08/05 - 11/10	AXX, BPY	147				550263		
2.0 FSI 4motion	(3C2)	09/05 - 07/10	BLX, BLY, BVX	110	550232	550476		550605		
	Variant (3C5)	09/05 - 11/10	BLX, BLY, BVX	110	550232			550605		
2.0 Syncro	(3A2, 35I)	10/90 - 08/96	2E, ADY, AGG	85	550099 550108		550236			550324
	Variant (32B)	05/84 - 03/88	JS	85			550207			
	Variant (3A5, 35I)	10/90 - 05/97	2E, ADY, AGG	85	550099 550108		550236			550324
2.0 TDI	Variant (3C5)	08/05 - 02/06	BVE	90				550265		
	(3B3)	12/03 - 05/05	BGW	100				550265 550491		550502
	Variant (3B6)	12/03 - 05/05	BGW	100				550265 550491		550502
	Variant (3C5)	08/05 - 11/10	BMA	100	550119			550265		
	(3C2)	03/05 -	BMP	103				550265		
	Variant (3C5)	08/05 -	BMP	103				550265		
	(3C2)	08/05 -	BMR	125	550119			550265		
	Variant (3C5)	08/05 -	BMR	125				550265		
2.0 TDI 16V	(3C2)	03/05 -	BKP	103	550119			550265		
	Variant (3C5)	08/05 -	BKP	103	550119			550265		
2.0 TDI 16V 4motion	(3C2)	03/05 -	BKP	103				550265 550605		
	Variant (3C5)	08/05 -	BKP	103				550265 550605		
2.0 TDI 4motion	(3C2)	03/05 -	BMP	103				550265 550605		
	Variant (3C5)	08/05 -	BMP	103				550265 550605		
2.0 TSI	(362)	11/10 -	CCZB	155				550605		
	Variant (365)	11/10 -	CCZB	155				550605		
2.2	(32B)	08/85 - 03/88	KX	85			550207			
	Saloon (32B)	01/85 - 03/88	KX	85			550207			
	Variant (32B)	08/85 - 03/88	KX	85			550207			
	(32B)	01/85 - 03/88	KV	100			550207			
	Variant (32B)	01/85 - 03/88	KV	100			550207			

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.2 Syncro	Variant (32B)	08/85 - 03/88	JT	88						550207	
2.3 V5	(3B3)	11/00 - 05/05	AZX	125						550491	550502
2.3 V5 4motion	(3B3)	11/00 - 05/05	AZX	125						550491	550502
2.3 VR5	(3B2)	10/96 - 11/00	AGZ	110							550495 550502 550587
	Variant (3B5)	06/97 - 11/00	AGZ	110							550495 550502 550587
	Variant (3B6)	11/00 - 05/05	AZX	125						550491	550502
2.3 VR5 4motion	Variant (3B6)	11/00 - 05/05	AZX	125						550491	550502
2.3 VR5 Syncro/ 4motion	(3B2)	10/97 - 11/00	AGZ	110							550495 550502 550587
	Variant (3B5)	10/97 - 11/00	AGZ	110							550495 550502 550587
2.5 TDI	(3B2)	07/98 - 11/00	AFB, AKN	110	550372					550132	550502
	(3B3)	11/00 - 05/05	AFB, AKN	110	550372					550132 550491	550502
	Variant (3B5)	07/98 - 11/00	AFB, AKN	110	550372					550132	550502
	Variant (3B6)	11/00 - 05/05	AFB, AKN	110	550372					550132 550491	550502
	(3B3)	05/03 - 05/05	BDG	120	550372					550491 550606	550502
	Variant (3B6)	05/03 - 05/05	BDG	120	550372					550491 550606	550502
2.5 TDI 4motion	(3B3)	11/00 - 05/05	AFB, AKN	110	550372					550132 550491	550502
	Variant (3B6)	11/00 - 05/05	AFB, AKN	110	550372					550132 550491	550502
	(3B3)	01/03 - 05/05	BAU, BDH	132	550372					550491 550606	550502
	Variant (3B6)	01/03 - 05/05	BAU, BDH	132	550372					550491 550606	550502
2.5 TDI Syncro/ 4motion	(3B2)	12/98 - 11/00	AFB, AKN	110	550124 550372						550502
	Variant (3B5)	12/98 - 11/00	AFB, AKN	110	550124 550372						550502
2.8	(3B3)	05/02 - 05/03	AMX	142						550491	550495 550502
2.8 4motion	(3B3)	11/00 - 05/05	AMX, ATQ	142	550109 550124	550222				550491	550495 550502
	Variant (3B6)	11/00 - 05/05	AMX, ATQ	142	550109 550124	550222				550491	550495 550502
2.8 Syncro	(3B2)	05/97 - 09/99	AGE	132							550502
	Variant (3B5)	05/97 - 09/99	AGE	132							550502
	(3B2)	05/97 - 08/00	--	143							550495 550502

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.8 V6	(3B2)	05/97 - 09/99	AGE	132						550495 550502
	Variant (3B5)	09/97 - 09/99	AGE	132						550502
	(3B2)	09/99 - 11/00	ATX, BBG	140						550502
	Variant (3B5)	09/99 - 11/00	ATX	140						550502
	(3B2)	08/96 - 11/00	ACK, APR, AQD	142	550109 550124					550495 550502
	Variant (3B5)	06/97 - 11/00	ACK, APR, AQD	142	550109 550124					550495 550502
2.8 V6 4motion	(3B2)	09/99 - 11/00	ATX	140						550495 550502
	Variant (3B5)	09/99 - 11/00	ATX	140						550495 550502
2.8 V6 Syncro/ 4motion	(3B2)	10/96 - 11/00	ACK, ALG, APR, AQD	142	550109 550124	550222	550236			550495 550502
	Variant (3B5)	06/97 - 11/00	ACK, ALG, APR, AQD	142	550109 550124	550222	550236			550495 550502
2.8 VR6	(3A2, 35l)	06/91 - 08/96	AAA	128	550099		550246			550324 550587
	Variant (3A5, 35l)	06/91 - 05/97	AAA	128	550099		550246			550324 550587
2.9 VR6 Syncro	Variant (3A5, 35l)	01/94 - 05/97	ABV	135						550587
3.2 FSI 4motion	(3C2)	11/05 - 07/10	AXZ	184		550120		550605		
	Variant (3C5)	11/05 - 11/10	AXZ	184		550120		550605		
3.6 FSI 4motion	(3C2)	09/05 - 07/10	BLV	206				550605		
	Variant (3C5)	09/05 - 11/10	BLV	206				550605		
	(362)	01/11 -	BWS	220				550605		
	Variant (365)	01/11 -	BWS	220				550605		
3.6 R36 4motion	(3C2)	04/07 - 07/10	BWS	220		550120		550605		
	Variant (3C5)	04/07 - 11/10	BWS	220		550120		550605		
4.0 W8 4motion	(3B3)	09/01 - 05/05	BDN, BDP	202				550491		550502
	Variant (3B6)	09/01 - 05/05	BDN, BDP	202				550491		550502

PASSAT CC 05/08 -

1.8 TSI		06/08 - 11/10	BZB	118		550480		550263		
2.0 TSI		06/08 -	CAWB, CCTA	147				550263		

PHAETON 04/02 -

3.0 V6 TDI 4motion	(3D_)	09/04 -	BMK	165	550361			550265		
3.2 V6	(3D_)	04/02 -	AYT, BKL	177			550106			
4.2 V8 4motion	(3D_)	05/03 -	BGH, BGJ	246		550222	550106			
5.0 V10 TDI 4motion	(3D_)	11/02 -	AJS	230				550265		
6.0 W12 4motion	(3D_)	04/02 -	BAN	309			550106			

POLO 10/81 -

1.0	(6N2)	10/99 - 09/01	ALD, AUC	37	550221	550474		550085		550324
-----	-------	---------------	----------	----	--------	--------	--	--------	--	--------

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR

vw



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.2	(9N_)	01/02 - 05/07	AWY, BMD	40	550029	550032 550120	550215	550194		
1.2 12V	(9N_)	10/01 - 07/07	AZQ, BME	47	550029		550215	550085		
	(9N_)	05/07 -	BZG	51		550120				
1.3 G40	Coupe (86C, 80)	08/90 - 09/94	PY	83			550207			
	Coupe (86C, 80)	01/87 - 08/90	PY	85			550207			
1.4	(6N2)	10/99 - 09/01	AKP, ANX	40	550221			550085		550324
	Variant (6KV5)	12/98 - 09/01	AKP	40	550221	550120		550085		
	(6N2)	10/99 - 09/01	AKK, AUD	44	550221	550474				550324
	Box (6NF)	05/98 - 12/99	AEX, APQ	44				550237		
	Variant (6KV5)	05/97 - 09/01	AEX, AKK, AKV, ANW, APQ, AUD	44	550221	550474		550085 550237		550324
	Saloon	07/03 -	BBY	55	550388	550026 550033	550106	550365 550557 550570		
	(6R_)	06/09 -	CGGB	63				550557 550570		
	Saloon	12/03 - 05/05	BLM	63				550557 550570		
	Saloon	11/03 -	BBZ	74			550106	550606		
1.4 16V	(6N2)	10/99 - 09/01	AHW, APE, AUA	55		550026 550033		550194		550324
	(9N_)	10/01 - 05/08	AUA, BBY, BKY	55	550388	550026 550033	550106	550194 550365 550557 550570		
	Variant (6KV5)	10/99 - 09/01	APE, AUA	55		550026 550033		550194		550324
	(9N_)	05/06 -	BUD	59				550365 550557 550570		
	(6N2)	10/99 - 09/01	AFK, AQQ, AUB	74		550026 550033		550194		550324
	(9N_)	10/01 - 05/08	AUB, BBZ	74		550026 550033	550106	550194		
1.4 BiFuel	(6R_)	03/10 - 01/11	CMAA	60				550557		
	(9N_)			63	550119		550106	550365 550557 550570		
1.4 FSI	(9N_)	02/02 - 07/06	AXU	63				550557 550570		
1.4 TDI	(9N_)	04/05 -	BNM	51				550606		
	(6N2)	10/99 - 09/01	AMF	55	550101	550254		550132		
	(9N_)	10/01 - 06/05	AMF, BAY	55	550101	550254		550132 550606		
	Saloon	07/03 -	BAY	55	550101	550254		550606		
	(9N_)	04/05 -	BMS, BNV	59		550254		550606		
1.6	Variant (6KV5)	05/97 - 09/01	AEE, ALM	55				550194	550359	550324
	Saloon	11/10 -	CFNB	63				550557		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.6	Variant (6KV5)	05/97 - 09/01	AEH, AFT, AKL, APF, AUR	74	550109 550123	550235 550478	550236		550359	550324 550587
	Saloon	05/10 -	CFNA, CLSA	77				550557		
1.6 16V	(9N_)	05/06 -	BTS	77	550388	550120		550365 550557 550570		
1.6 16V GTI	(6N2)	10/99 - 09/01	ARC, AVY	92		550120		550194		550324
1.6 BiFuel	(6R_)	01/11 -	CNKA	60				550557 550570		
1.6 Total Flex	Saloon	10/04 -	BPA	74				550365		
1.7 SDI	(6N1)	04/97 - 10/99	AHG	42						550324
	(6N2)	10/99 - 09/01	AKU	44						550324
1.8	Variant (6KV5)	05/97 - 09/01	ADZ	66					550359	
1.8 GTI	(9N_)	09/05 -	BJX	110		550222		550606		
1.8 GTI Cup Edition	(9N_)	05/06 -	BBU	132				550606		
1.9 SDI	(6N2)	10/99 - 09/01	AGD, ASX	47						550324
	Variant (6KV5)	08/99 - 09/01	AGP, AQM	50	550452 550585					550324
1.9 TDI	Variant (6KV5)	05/97 - 09/01	AGR, AHU, ALE, ALH	66	550452 550585			550132		550324
	(9N_)	10/01 -	ATD, AXR	74	550103			550132 550606		
1.9 TDi	Saloon	09/02 -	ATD	74	550103			550606		
1.9 TDI	Variant (6KV5)	06/98 - 09/01	AFN, ASV	81	550452 550585			550132		550324
	(9N_)	11/03 -	ASZ, BLT	96	550103			550265		
100 1.4 16V	(6N1)	04/96 - 10/99	AFH	74				550194		550324
100 1.6	CLASSIC (6KV2)	12/95 - 09/01	AEH, AFT, AKL, APF, AUR	74	550109 550123	550235 550601	550236		550359	550587
110 1.9 TDI	CLASSIC (6KV2)	06/98 - 09/01	AFN, ASV	81	550452 550585			550132		
120 1.6 16V GTI	(6N1)	09/98 - 10/99	AJV	88		550026 550033		550194	550359	550324
2.0	CLASSIC (6KV2)	08/99 - 09/01	ADC	85						550587
	Saloon	09/02 -	BBX	85				550557 550570		
45 1.0	(6N1)	10/94 - 09/96	AEV	33						550324
50 1.0	(6N1)	09/96 - 10/99	AER, ALL	37				550237		550324
55 1.3	(6N1)	10/94 - 07/95	ADX	40						550324
55 1.4	(6N1)	08/95 - 10/99	AEX	40				550237		550324
60 1.4	(6N1)	07/95 - 10/99	AEX, AKV, APQ	44				550237		550324
	CLASSIC (6KV2)	12/95 - 09/01	AEX, AKK, AKV, ANW, APQ, AUD	44		550474		550085		550324
60 1.7 SDI	(6N1)	08/97 - 10/99	AKU	44						550324
64 1.9 SDI	(6N1)	07/96 - 10/99	AGD	47						550324
68 1.9 SDI	CLASSIC (6KV2)	08/99 - 09/01	AGP, AQM	50	550452 550585					550324

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

75 1.4 16V	CLASSIC (6KV2)	10/99 - 09/01	APE, AUA	55		550026 550033		550194		550324
75 1.6	(6N1)	10/94 - 10/99	AEA, AEE, AHS	55				550194	550359	550324
	CLASSIC (6KV2)	11/95 - 09/01	AEE, ALM	55				550194	550359	550324
	CLASSIC (6KV2)	11/95 - 09/97	1F	55					550359	
90 1.9 TDI	CLASSIC (6KV2)	09/96 - 09/01	AGR, AHU, ALE, ALH	66	550452 550585			550132		

POLO PLAYA

05/96 - 07/02

1.4		05/96 - 07/02	AGY	62						550587
-----	--	---------------	-----	----	--	--	--	--	--	--------

SCIROCCO

08/80 -

1.4 TSI	(137)	08/08 -	CAXA	90				550605 550606		
	(137)	05/08 -	CNWA	118				550605		
1.8 16V	(53B)	03/86 - 07/92	PL	95		550207				
2.0 R	(137)	11/09 -	CDLC	188				550605		
	(137)	11/09 -	CDLA	195				550605		
2.0 TDI	(137)	11/10 -	CFHB	100				550605		
	(137)	08/08 -	CFHC	103				550605		
	(137)	05/09 -	CFGB	125				550605		
2.0 TSI	(137)	05/08 - 11/09	CAWB	147				550263 550605		
	(137)	11/09 - 05/11	CCZB	155				550605		

SHARAN

05/95 - 03/10

1.8 T 20V	(7M8, 7M9, 7M6)	09/97 - 03/10	AJH, AWC	110	550109 550232	550222	550106 550601 550602	550132 550606		550324 550495
1.9 TDI	(7M8, 7M9, 7M6)	09/95 - 03/10	1Z, AHU, ANU	66	550102	550254		550132 550606		550324
	(7M8, 7M9, 7M6)	09/96 - 04/00	AFN, AVG	81						550324
	(7M8, 7M9, 7M6)	04/00 - 03/10	AUY	85				550132 550606		
	(7M8, 7M9, 7M6)	11/02 - 03/10	ASZ	96	550102 550103	550254		550265		
	(7M8, 7M9, 7M6)	06/05 - 03/10	BTB	110	550102 550103	550254		550265		
1.9 TDI 4motion	(7M8, 7M9, 7M6)	04/00 - 03/10	AUY	85				550132 550606		
2.0	(7M8, 7M9, 7M6)	09/95 - 03/10	ADY, ATM	85	550108 550232	550235	550106 550107			550324
2.0 TDI	(7M8, 7M9, 7M6)	11/05 - 03/10	BRT	103				550265		
2.8 V6 24V	(7M8, 7M9, 7M6)	04/00 - 03/10	AYL	150			550106			
2.8 V6 24V 4motion	(7M8, 7M9, 7M6)	04/00 - 03/10	AYL	150			550106			
2.8 VR6	(7M8, 7M9, 7M6)	09/95 - 04/00	AAA, AMY	128			550107 550246			550324 550587

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.8 VR6 Syncro	(7M8, 7M9, 7M6)	11/96 - 04/00	AAA, AMY	128					550107 550246	550324 550587
----------------	-----------------	---------------	----------	-----	--	--	--	--	------------------	------------------

SPACEFOX 03/06 -

1.6	(5Z6, 5Z7)	03/06 -	BPA, CCRA, CFZA	74					550365	
-----	------------	---------	-----------------	----	--	--	--	--	--------	--

TIGUAN 09/07 -

1.4 TSI	(5N_)	08/10 -	CAXA	90					550606	
	(5N_)	05/08 -	BWK, CAVA	110					550605	
1.4 TSI 4motion	(5N_)	09/07 -	BWK	110		550120			550265 550605	
2.0 TDI	(5N_)	03/08 -	CBAB	103		550479			550605	
2.0 TDI 4motion	(5N_)	11/07 -	CBAA	100					550605	
	(5N_)	09/07 -	CBAB	103		550479			550265 550605	
	(5N_)	02/08 - 08/09	CBBA	120					550605	
	(5N_)	09/07 -	CBBB	125					550605	
2.0 TFSI	(5N_)	05/08 -	CCTB	125					550605	
2.0 TFSI 4motion	(5N_)	09/07 -	CAWA	125					550605	
	(5N_)	09/07 -	CAWB	147					550605	

TOUAREG 10/02 -

3.0 V6 TDI	(7P5)	01/10 -	CASD	150					550605	
	(7LA, 7L6, 7L7)	11/04 - 05/10	BKS	165	550232				550265	
	(7P5)	01/10 -	CASA	176					550605	
3.0 V6 TSI Hybrid	(7P5)	04/10 -	CGEA, CGFA	245					550557 550605	
3.2 V6	(7LA, 7L6, 7L7)	10/02 - 11/06	AZZ, BKJ	162	550505			550106		
	(7LA, 7L6, 7L7)	11/04 - 11/06	BMX	177	550505					
3.6 V6 FSI	(7P5)	08/10 -	CMTA	183					550605	
	(7LA, 7L6, 7L7)	10/05 - 05/10	BHK, BHL	206	550505	550120				
	(7P5)	04/10 -	CGRA	206					550605	
4.2 V8	(7LA, 7L6, 7L7)	12/02 - 11/06	AXQ, BHX	228		550222	550207			
									550557 550605	
4.2 V8 FSI	(7P5)	01/11 -	CGNA	265					550605	
4.2 V8 TDI	(7P5)	01/10 -	CKDA	250					550605	
5.0 R50 TDI	(7LA, 7L6, 7L7)	08/07 - 05/10	CBWA	257					550265	

TOURAN 02/03 -

1.4 TSI	(1T1, 1T2, 1T3)	02/06 -	BMY	103					550265	
1.6	(1T1, 1T2, 1T3)	07/03 - 05/10	BGU, BSE, BSF	75	550123	550028	550106	550085		
					550119		550106	550365		
1.6 FSI	(1T1, 1T2, 1T3)	02/03 - 01/07	BAG, BLF, BLP	85				550557 550570		
1.9 TDI	(1T1, 1T2, 1T3)	11/04 - 05/10	BRU	66	550119				550606	
	(1T1, 1T2, 1T3)	02/03 -	AVQ	74	550119				550606	

CKP CRANKSHAFT POSITION SENSOR **CMP** CAMSHAFT POSITION SENSOR **KNS** KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR **TPS** THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

1.9 TDI	(1T1, 1T2, 1T3)	08/03 - 05/10	BKC	77	550119			550606		
						550235		550365		
2.0 EcoFuel	(1T1, 1T2, 1T3)	02/06 - 05/09	BSX	80				550557		
								550570		
2.0 FSI	(1T1, 1T2, 1T3)	10/03 -	AXW, BLR, BLX, BLY	110	550232	550027	550106	550085		
2.0 TDI	(1T1, 1T2, 1T3)	02/03 - 05/10	AZV	100	550119			550265		
	(1T1, 1T2, 1T3)	12/05 - 05/10	BMM	103				550265		
	(1T1, 1T2, 1T3)	12/05 -	BMN	125				550265		
2.0 TDI 16V	(1T1, 1T2, 1T3)	08/03 -	BKD	103	550119			550265		

TRANSPORTER 07/90 -

1.9 D	IV Bus (70XB, 70XC, 7DB, 7DW)	09/90 - 04/03	1X	44						550324
	IV Box (70XA)	07/90 - 04/03	1X	45						550324
	IV Platform/Chassis (70XD)	07/90 - 04/03	1X	45						550324
1.9 TD	IV Box (70XA)	10/92 - 04/03	ABL	50						550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	10/92 - 04/03	ABL	50						550324
	IV Platform/Chassis (70XD)	10/92 - 04/03	ABL	50						550324
1.9 TDI	V Box (7HA, 7HH, 7EA, 7EH)	01/06 - 11/09	BRR	62				550606		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	01/06 - 11/09	BRR	62				550606		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	01/06 - 11/09	BRR	62				550606		
	V Box (7HA, 7HH, 7EA, 7EH)	04/03 - 11/09	AXC	63	550102	550254		550606		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	04/03 - 11/09	AXC	63	550102	550254		550606		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	04/03 - 11/09	AXC	63	550102	550254		550606		
	V Box (7HA, 7HH, 7EA, 7EH)	06/06 - 11/09	BRS	75				550606		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	06/06 - 11/09	BRS	75				550606		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	06/06 - 11/09	BRS	75				550606		
	V Box (7HA, 7HH, 7EA, 7EH)	04/03 - 11/09	AXB	77	550102	550254		550606		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	04/03 - 11/09	AXB	77	550102	550254		550606		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	04/03 - 11/09	AXB	77	550102	550254		550606		
2.0	IV Box (70XA)	07/90 - 04/03	AAC	62						550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	09/90 - 04/03	AAC	62						550324
	IV Platform/Chassis (70XD)	07/90 - 04/03	AAC	62						550324
	V Box (7HA, 7HH, 7EA, 7EH)	11/03 -	AXA	85	550232	550235	550106			
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	11/03 -	AXA	85	550232	550235	550106			
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	11/03 -	AXA	85	550232	550235	550106			
2.0 BiTDI	V Box (7HA, 7HH, 7EA, 7EH)	09/09 -	CFCA	132				550605		
2.0 BiTDI	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	09/09 -	CFCA	132				550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	09/09 -	CFCA	132				550557		
								550605		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.0 BiTDI 4motion	V Box (7HA, 7HH, 7EA, 7EH)	09/09 -	CFCA	132				550605		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	09/09 -	CFCA	132				550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	09/09 -	CFCA	132				550557 550605		
2.0 TDI	V Box (7HA, 7HH, 7EA, 7EH)	09/09 -	CAAA	62				550605		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	09/09 -	CAAA	62				550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	09/09 -	CAAA	62				550557 550605		
	V Box (7HA, 7HH, 7EA, 7EH)	09/09 -	CAAB	75				550605		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	09/09 -	CAAB	75				550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	09/09 -	CAAB	75				550557 550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	05/11 -	CAAD	84				550557		
	V Box (7HA, 7HH, 7EA, 7EH)	05/10 -	CAAE	100				550557		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	05/10 -	CAAE	100				550557		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	05/10 -	CAAE	100				550557		
	V Box (7HA, 7HH, 7EA, 7EH)	09/09 -	CAAC	103				550605		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	09/09 -	CAAC	103				550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	09/09 -	CAAC	103				550557 550605		
2.0 TDI 4motion	V Box (7HA, 7HH, 7EA, 7EH)	05/10 -	CAAE	100				550557		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	05/10 -	CAAE	100				550557		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	05/10 -	CAAE, CCHB	100				550557		
	V Box (7HA, 7HH, 7EA, 7EH)	09/09 -	CAAC	103				550605		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	09/09 -	CAAC	103				550605		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	09/09 -	CAAC	103				550557 550605		
2.4 D	IV Box (70XA)	08/97 - 04/03	AJA	55						550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	08/97 - 04/03	AJA	55						550324
	IV Box (70XA)	07/90 - 04/98	AAB	57						550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	09/90 - 04/98	AAB	57						550324
	IV Platform/Chassis (70XD)	09/90 - 04/98	AAB	57						550324
2.4 D Syncro	IV Box (70XA)	10/92 - 09/98	AAB	57						550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	10/92 - 09/98	AAB	57						550324
	IV Platform/Chassis (70XD)	10/92 - 09/98	AAB	57						550324
2.5	IV Box (70XA)	11/90 - 04/03	AAF, ACU, AEN, AEU	81				550107		550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	11/90 - 04/03	AAF, ACU, AEN, AEU	81				550107		550324
	IV Platform/Chassis (70XD)	11/90 - 04/03	AAF, ACU, AEN, AEU	81				550107		550324
	IV Box (70XA)	08/96 - 04/03	AET, APL, AVT	85				550107		

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

VW

2.5	IV Bus (70XB, 70XC, 7DB, 7DW)	08/96 - 04/03	AET, APL, AVT	85			550107		550324
	IV Platform/Chassis (70XD)	08/96 - 04/03	AET, APL, AVT	85			550107		550324
2.5 Syncro	IV Box (70XA)	10/92 - 04/03	AAF, ACU, AEN, AEU	81			550107		550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	11/92 - 04/03	AAF, ACU, AEN, AEU	81			550107		550324
	IV Platform/Chassis (70XD)	10/92 - 04/03	AAF, ACU, AEN, AEU	81			550107		550324
	IV Box (70XA)	08/96 - 04/03	AET, APL, AVT	85			550107		550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	07/96 - 04/03	AET, APL, AVT	85			550107		550324
	IV Platform/Chassis (70XD)	08/96 - 04/03	AET, APL, AVT	85			550107		550324
2.5 TDI	IV Box (70XA)	12/98 - 04/03	AJT, AYY	65			550132 550606		550324
	IV Bus (70XB, 70XC, 7DB, 7DW)	05/98 - 04/03	AJT, AYY	65			550132 550606		550324
	IV Platform/Chassis (70XD)	05/98 - 04/03	AJT, AYY	65			550132 550606		
	IV Box (70XA)	09/95 - 04/03	ACV, AUF, AYC	75			550132 550606		
	IV Bus (70XB, 70XC, 7DB, 7DW)	09/95 - 04/03	ACV, AUF, AXL, AYC	75			550132 550606		550324
	IV Platform/Chassis (70XD)	09/95 - 04/03	ACV, AUF, AYC	75			550132 550606		
	V Box (7HA, 7HH, 7EA, 7EH)	04/03 - 11/09	AXD	96			550265		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	04/03 - 11/09	AXD	96			550265		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	04/03 - 11/09	AXD	96			550265		
	IV Box (70XA)	09/00 - 04/03	AXG	111			550132 550606		
	IV Bus (70XB, 70XC, 7DB, 7DW)	05/98 - 04/03	AHY, AXG	111			550132 550606		
	V Box (7HA, 7HH, 7EA, 7EH)	04/03 - 11/09	AXE	128			550265		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	04/03 - 11/09	AXE	128			550265		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	04/03 - 11/09	AXE	128			550265		
2.5 TDI 4motion	V Box (7HA, 7HH, 7EA, 7EH)	07/04 - 11/09	AXD	96			550265		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	07/04 - 11/09	AXD	96			550265		
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	07/04 - 11/09	AXD	96			550265		
	V Box (7HA, 7HH, 7EA, 7EH)	07/04 - 11/09	AXE	128			550265		
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	07/04 - 11/09	AXE	128			550265		
	IV Box (70XA)	09/95 - 04/03	ACV, AXL	75			550132 550606		550324
2.5 TDI Syncro	IV Bus (70XB, 70XC, 7DB, 7DW)	01/96 - 04/03	ACV, AXL	75			550132 550606		550324
	IV Platform/Chassis (70XD)	05/98 - 04/03	ACV, AXL	75			550132 550606		550324
2.8 V6	IV Bus (70XB, 70XC, 7DB, 7DW)	04/00 - 04/03	AMV	150					550324

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR



Vehicle

Date

Engine

kW

CKP

CMP

KNS

MAP

TPS

OTHERS

2.8 VR 6	IV Bus (70XB, 70XC, 7DB, 7DW)	11/95 - 04/00	AES	103						550324 550587
2.8 VR6	IV Box (70XA)	05/96 - 05/00	AES	103						550587
3.2 4motion	V Box (7HA, 7HH, 7EA, 7EH)	11/03 - 06/06	BDL	170	550505					
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	11/03 - 06/06	BDL	170	550505					
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	11/03 - 11/09	BDL	170	550505					
	V Box (7HA, 7HH, 7EA, 7EH)	11/03 - 11/09	BKK	173	550505					
3.2 V6	V Box (7HA, 7HH, 7EA, 7EH)	04/03 - 06/04	BDL	170	550505		550106			
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	02/04 - 06/04	BDL	170	550505		550106			
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	02/04 - 11/09	BDL	170	550505		550106			
	V Box (7HA, 7HH, 7EA, 7EH)	02/04 - 11/09	BKK	173	550505					
	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	02/04 - 11/09	BKK	173	550505					
	V Platform/Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)	08/03 - 05/06	BKK	173	550505					
3.2 V6 4motion	V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF)	11/03 - 11/09	BKK	173	550505					

UP

12/11 -

1.0		12/11 -	CHYA	44						550557
		12/11 -	CHYB	55						550557

VENTO

11/91 - 09/98

1.4	(1H2)	11/91 - 09/98	ABD, AEX	40	550099			550237		550324
	(1H2)	11/91 - 09/98	ABD, AEX	44	550099			550237		550324
1.6	(1H2)	09/92 - 09/98	ABU, AEA, AEE	55	550099			550194		550324
	(1H2)	10/94 - 09/98	AEK, AFT	74	550108		550236			550324 550587
1.8	(1H2)	11/91 - 09/98	AAM	55	550099					550324
	(1H2)	11/91 - 09/98	ABS, ADZ	66						550324
1.9 TD	(1H2)	11/91 - 09/98	AAZ	55						550324
1.9 TDI	(1H2)	09/93 - 09/98	1Z, AHU, ALE	66						550324
	(1H2)	04/96 - 09/98	AFN	81						550324
2.0	(1H2)	11/91 - 09/98	2E, ADY, AGG, AKR	85	550108		550107			550324
2.8 VR6	(1H2)	01/92 - 09/98	AAA	128			550107			550587

CKP CRANKSHAFT POSITION SENSOR CMP CAMSHAFT POSITION SENSOR KNS KNOCK SENSOR
MAP INTAKE MANIFOLD PRESSURE SENSOR TPS THROTTLE POSITION SENSOR





SCHEDE TECNICHE TECHNICAL REPORTS



Suitable to:

Used on:

550024 - CAMSHAFT POSITION SENSOR



①

③

BOSCH
0 306 200 411
DACIA
60 01 548 175
NISSAN
25739-00QAC
RENAULT
60 01 548 175, 77 00 101 969, 77 00 675 194,
82 00 396 919, 82 00 436 025
SIEMENS VDO
S 10554001E, S 119H1001Z

NISSAN
KUBISTAR
RENAULT
CLIO, MEGANE, TWINGO

④

Note: Colour : Black, Height (mm) : 24, Number of pins : 2, Resistance (Ohm) : 220

②

550026 - CAMSHAFT POSITION SENSOR



VW
036 907 601, 036 907 601 A, 036 907 601 B,
036 907 601 C

AUDI
A2
SEAT
AROSA, CORDOBA, BIZA, INCA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, GOLF, LUPO, NEW BEETLE, POLO

LEGENDA

- ① Foto * Picture * Photo * Bild
- ② Note * Notes * Notes * Bemerkungen
- ③ Adattabile a * Suitable to * Adaptable à * Passend für
- ④ Applicazioni principali * Main Applications * Applications principales *
Hauptanwendungen





Suitable to:

Used on:

550000 - CRANKSHAFT POSITION SENSOR



FIAT
46798345
GENERAL MOTORS
93 179 391
OPEL
62 35 666

ALFA ROMEO
147, 156, 159, 166, GT
FIAT
CROMA, STILO
LANCIA
THESIS
OPEL
SIGNUM, VECTRA, ZAFIRA

Note: Colour : Grey, Height [mm] : 36, Number of ports : 2, Resistance [Ohm] : 780

550001 - CAMSHAFT POSITION SENSOR



FIAT
46798364, 55201874
GENERAL MOTORS
93 179 392
OPEL
62 35 665

ALFA ROMEO
147, 156, 159, 166, GT
FIAT
CROMA, STILO
LANCIA
THESIS
OPEL
ASTRA, SIGNUM, VECTRA, ZAFIRA

Note: Colour : Black, Height [mm] : 28, Number of ports : 3, Resistance [Ohm] : 35 k

550002 - CAMSHAFT POSITION SENSOR



FIAT
46798365
OPEL
62 38 646, 93 178 046

FIAT
DOBLO, GRANDE PUNTO, IDEA, PANDA,
PUNTO
LANCIA
MUSA, YPSILON
OPEL
AGILA, ASTRA, CORSA, TIGRA

Note: Colour : Blue, Colour : Grey, Height [mm] : 28, Number of ports : 3

550003 - CRANKSHAFT POSITION SENSOR



FIAT
73502752
FORD
1564860, 9S51 9E731 AA
GENERAL MOTORS
93 178 045
OPEL
62 35 645

FIAT
500, DOBLO, GRANDE PUNTO, IDEA, LINEA, PANDA,
PUNTO, STRADA
LANCIA
MUSA, YPSILON
OPEL
AGILA, ASTRA, CORSA, MERIVA, TIGRA
SUZUKI
IGNIS, SWIFT, WAGON R+
VAUXHALL
ASTRA, CORSA, CORSAVAN, MERIVA, TIGRA

Note: Colour : Black, Height [mm] : 36, Number of ports : 2, Resistance [Ohm] : 780



Suitable to:

Used on:

550004 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 C3, 96 068 168 80
FIAT
9606816880
SIEMENS VDO
S102340005Z, S102340006Z

CITROËN
BERLINGO, EVASION, JUMPER, JUMPY, XANTIA, XM,
XSARA, ZX
FIAT
DUCATO, SCUDO, ULYSSE
LANCIA
ZETA
PEUGEOT
806
RENAULT
ESPACE

Note: Cable Length [mm] : 330, Colour : Orange, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 375

550005 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 J5, 96 085 170 80

CITROËN
AX, BERLINGO, SAXO, XSARA, ZX
PEUGEOT
106, 205, 306, 405, PARTNER

Note: Cable Length [mm] : 330, Colour : Orange, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 380

550006 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 W9, 96 222 098 80
SIEMENS VDO
S102340006Z

CITROËN
BERLINGO, EVASION, JUMPER, JUMPY, XANTIA, XM,
XSARA, ZX
FIAT
DUCATO, SCUDO, ULYSSE
LANCIA
ZETA
PEUGEOT
806
RENAULT
ESPACE

Note: Cable Length [mm] : 330, Colour : Orange, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 380

550007 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 Z3, 96 222 624 80

CITROËN
AX, BERLINGO, SAXO, XSARA, ZX
PEUGEOT
106, 205, 306, 405, PARTNER

Note: Cable Length [mm] : 330, Colour : Orange, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 385



Suitable to:

Used on:

550008 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 5T, 96 254 238 80

CITROËN
AX, SAXO
PEUGEOT
106, 206, 306, PARTNER

Note: Colour : Black, Height [mm] : 13.5, Number of ports : 2, Resistance [Ohm] : 450

550009 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 5V, 96 266 356 80

CITROËN
SAXO, XSARA
PEUGEOT
106, 206, 306

Note: Colour : Grey, Height [mm] : 33, Number of ports : 2, Resistance [Ohm] : 460

550010 - CAMSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 8W, 96 291 398 80

CITROËN
C4, C5, C8, EVASION, JUMPER, JUMPY, XSARA,
XSARA PICASSO
PEUGEOT
206, 307, 406, 407, 607, 806, 807, BOXER, EXPERT

Note: Colour : Grey, Height [mm] : 20, Number of ports : 3, Resistance [Ohm] : 35 k

550011 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 7N, 96 324 005 80
FIAT
9632400580
SIEMENS VDO
S107644002Z

CITROËN
BERLINGO, C5, EVASION, JUMPER, JUMPY, XSARA,
XSARA PICASSO
FIAT
DUCATO, SCUDO, ULYSSE
LANCIA
ZETA
PEUGEOT
206, 307, 406, 607, 806, BOXER, EXPERT, PARTNER

Note: Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 390



Suitable to:

Used on:

550012 - CRANKSHAFT POSITION SENSOR**CITROENPEUGEOT**
1920 7P, 9633475780**CITROËN**
BERLINGO, XSARA, XSARA PICASSO
PEUGEOT
406, 607, PARTNER**Note:** Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 390**550013** - CRANKSHAFT POSITION SENSOR**CITROENPEUGEOT**
1920 9C, 96 357 329 80
FIAT
9635732980**CITROËN**
C8, EVASION, JUMPY
FIAT
SCUDO, ULYSSE
LANCIA
PHEDRA, ZETA
PEUGEOT
806, EXPERT**Note:** Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 380**550014** - CRANKSHAFT POSITION SENSOR**CITROENPEUGEOT**
1920 EH, 96 372 208 80
FORD
1148073, 2S6Q 9E731 AA
MAZDA
Y401 18 221
MINI
13 62 7 805 004
MITSUBISHI
MN982270
VOLVO
3071104**CITROËN**
BERLINGO, C-CROSSER, C1, C2, C3, C4,
C4 Grand Picasso, C4 Picasso, C5, C6, JUMPY,
XSARA, XSARA PICASSO
FORD
C-MAX, FIESTA, FOCUS, FOCUS C-MAX, FUSION,
GALAXY, MONDEO, S-MAX
MAZDA
2, 3
MINI
MINI, MINI CLUBMAN
MITSUBISHI
OUTLANDER
PEUGEOT
1007, 107, 206, 207, 207 CC, 207 SW, 307, 308, 308 SW,
4007, 407, 607, 807, EXPERT, EXPERT Tepee,
PARTNER
VOLVO
C30, S40, V50**Note:** Colour : Black, Number of ports : 3, Resistance [Ohm] : 1.9 M**550015** - CRANKSHAFT POSITION SENSOR**CITROENPEUGEOT**
1920 AW, 96 374 659 80, 96 399 998 80**CITROËN**
BERLINGO, C2, C3, C4, SAXO, XSARA
PEUGEOT
1007, 106, 206, 306, 307, PARTNER**Note:** Colour : Black, Height [mm] : 39, Number of ports : 2, Resistance [Ohm] : 450



Suitable to:

Used on:

550016 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 AV, 96 374 660 80

CITROËN
C3, C4, XSARA
PEUGEOT
206, 306, 307

Note: Colour : Grey, Height [mm] : 33, Number of ports : 2, Resistance [Ohm] : 440

550017 - CAMSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 EJ, 96 374 991, 96 374 991 80
FORD
1148056, 2S6Q 12K073 AA

CITROËN
C1, C2, C3, XSARA
PEUGEOT
1007, 107, 206, 307

Note: Colour : Grey, Height [mm] : 40, Number of ports : 3, Resistance [Ohm] : 35 k

550018 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 EN, 1920 FP, 96 468 233 80
FIAT
9640627780

CITROËN
XSARA, XSARA PICASSO
FIAT
ULYSSE
LANCIA
PHEDRA
PEUGEOT
307

Note: Colour : Grey, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 390

550019 - CAMSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 ES, 96 435 790 80

PEUGEOT
BOXER

Note: Colour : Black, Height [mm] : 22, Number of ports : 3, Resistance [Ohm] : 33 k



Suitable to:

Used on:

550020 - CAMSHAFT POSITION SENSOR



RENAULT
82 00 370 572, 82 00 370 572D

RENAULT
AVANTIME, ESPACE, KANGOO, LAGUNA, MASTER,
MEGANE, SCÉNIC, TRAFIC II, VEL SATIS

Note: Colour : Black, Height [mm] : 28, Number of ports : 3, Resistance [Ohm] : 10 k

550021 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 739 793, 77 00 739 794
SIEMENS VDO
S101750013Z

RENAULT
19, 21, 25, ESPACE, LAGUNA, MEGANE, SAFRANE

Note: Cable Length [mm] : 520, Colour : Grey, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 220

550022 - CRANKSHAFT POSITION SENSOR



mitsubishi
MD321888
RENAULT
77 00 859 831

mitsubishi
CARISMA

Note: Cable Length [mm] : 180, Colour : Grey, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 215

550023 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 747 548, 77 00 855 719

RENAULT
CLIO, ESPACE, LAGUNA, MEGANE, TWINGO

Note: Cable Length [mm] : 275, Colour : Grey, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 215



Suitable to:

Used on:

550024 - CRANKSHAFT POSITION SENSOR



BOSCH
0 986 280 411
DACIA
60 01 548 175
NISSAN
23798-00QAC
RENAULT
60 01 548 175, 77 00 101 969, 77 00 875 184,
82 00 396 919, 82 00 436 025
SIEMENS VDO
S105548001E, S119915001Z

NISSAN
KUBISTAR
RENAULT
CLIO, MEGANE, TWINGO

Note: Colour : Black,Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 230

550026 - CAMSHAFT POSITION SENSOR



VW
036 907 601, 036 907 601 A, 036 907 601 B,
036 907 601 C

AUDI
A2
SEAT
AROSA, CORDOBA, IBIZA, INCA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, GOLF, LUPO, NEW BEETLE, POLO

Note: Colour : Black,Height [mm] : 36,Number of ports : 3,Resistance [Ohm] : 34 k

550027 - CAMSHAFT POSITION SENSOR



VW
06C 905 163 B

AUDI
A3, A4, A6, A8, ALLROAD
SEAT
ALTEA, TOLEDO
SKODA
OCTAVIA
VW
GOLF, JETTA, PASSAT, TOURAN

Note: Colour : Black,Height [mm] : 24,Number of ports : 3

550028 - CAMSHAFT POSITION SENSOR



VW
06B 905 163 A

AUDI
A3, A4
SEAT
ALTEA, TOLEDO
SKODA
OCTAVIA
VW
BORA, CADDY, GOLF, JETTA, NEW BEETLE, PASSAT,
TOURAN

Note: Colour : Black,Height [mm] : 42.3,Number of ports : 3,Resistance [Ohm] : 2 M



Suitable to:

Used on:

550029 - CRANKSHAFT POSITION SENSOR



VW
03D 906 433

SEAT
CORDOBA, IBIZA
SKODA
FABIA
VW
FOX, POLO

Note: Colour : Black,Height [mm] : 65,Number of ports : 3

550032 - CAMSHAFT POSITION SENSOR



VW
03D 907 601

VW
POLO

Note: Colour : Grey,Height [mm] : 25,Number of ports : 3

550033 - CAMSHAFT POSITION SENSOR



VW
036 907 601 D, 036 907 601 E

AUDI
A2
SEAT
AROSA, CORDOBA, IBIZA, INCA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, GOLF, LUPO, NEW BEETLE, POLO

Note: Colour : Black,Height [mm] : 24,Number of ports : 3

550035 - CRANKSHAFT POSITION SENSOR



FORD
6502252, 6859701, 88WF 6C315 AD

FORD
ESCORT, FIESTA, ORION, SCORPIO, SIERRA

Note: Colour : Black,Height [mm] : 52,Number of ports : 2,Resistance [Ohm] : 270



Suitable to:

Used on:

550036 - CRANKSHAFT POSITION SENSOR



FORD
6164900, 6502253, 6859702, 89BF 6C315 AA,
89BF 6C315 AB, 89BF 6C315 AC

FORD
ESCORT, FIESTA, ORION, SIERRA

Note: Colour : Black,Height [mm] : 40,Number of ports : 2,Resistance [Ohm] : 270

550037 - CRANKSHAFT POSITION SENSOR



FORD
6740816, 6859705, 928F 6C315 A1F, 948F 6C315 AA
MAZDA
1E00 18 221, YF09 18 221

FORD
COUGAR, ESCORT, ESCORT CLASSIC, FIESTA,
FOCUS, KA, MONDEO, TRANSIT
MAZDA
121

Note: Colour : Black,Height [mm] : 37,5,Number of ports : 2,Resistance [Ohm] : 380

550038 - CAMSHAFT POSITION SENSOR



FORD
1037465, 7009579, 95BF 12K073 AA, 95BF 12K073 AB
MAZDA
1E03 18194 A

FORD
ESCORT, FIESTA, FOCUS, KA, PUMA, SCORPIO,
TRANSIT
FORD USA
EXPLORER
MAZDA
121

Note: Colour : Black,Height [mm] : 34,Number of ports : 2,Operating Mode : Electric,Resistance [Ohm] : 450

550039 - CRANKSHAFT POSITION SENSOR



FORD
1119150, 1129988, 1S7F 6C315 AD, 1S7F 6D315 AA

FORD
MONDEO

Note: Colour : Black,Number of ports : 2,Resistance [Ohm] : 450



Suitable to:

Used on:

550040 - CAMSHAFT POSITION SENSOR



FORD
1119942, 1S7F 12K073 AD
MAZDA
LF01 18230 Z 06
VOLVO
30658182, 30658182 A

FORD
MONDEO
MAZDA
3, 5, 6, MPV, TRIBUTE

Note: Colour : Black,Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 450

550041 - CAMSHAFT POSITION SENSOR



FORD
6602999, 6859706, 7033372, 928F 12K073 A1C,
928F 12K073 A1D, 928F 12K073 A1E
MAZDA
YF09 18230

FORD
COUGAR, ESCORT, ESCORT CLASSIC, FIESTA,
FOCUS, MAVERICK, MONDEO, ORION,
TOURNEO CONNECT, TRANSIT CONNECT

Note: Colour : Black,Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 430

550042 - CAMSHAFT POSITION SENSOR



FORD
1L2E 6B288 AA, 4091961, 4731642, 5L2E 6B288 AA
LAND ROVER
LR000442

FORD USA
EXPLORER

Note: Colour : Grey,Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 450

550043 - CRANKSHAFT POSITION SENSOR



FORD
1131913, 1135856, 1323872, 1385381, 1385382,
1M5A 6C315 AB, 1M5A 6C315 AC, 1M5A 6C315 AD,
1M5A 6C315 AE, 1M5A 6C315 BA

FORD
FOCUS

Note: Colour : Grey,Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 450



Suitable to:

Used on:

550044 - KNOCK SENSOR

RENAULT
77 00 866 055, 82 00 680 689
VALEO
2576015, V29000882

RENAULT
21, 25, CLIO, ESPACE, KANGOO, LAGUNA, MEGANE,
SAFRANE, TWINGO

Note: Colour : Black,Number of ports : 2

550045 - KNOCK SENSOR

BOSCH
0 261 231 188
CITROENPEUGEOT
5946 23
MERCEDES-BENZ
003 153 89 28, 004 153 90 28, 006 153 36 28,
A 003 153 89 28, A 004 153 90 28, A 006 153 36 28
SIEMENS VDO
S103995001Z
VALEO
2576032

CITROËN
BERLINGO, C3, C3 Picasso, C4, C4 Grand Picasso,
C4 Picasso, C5, C8, DS3, EVASION, JUMPER, JUMPY,
SAXO, XANTIA, XSARA, XSARA PICASSO
MERCEDES-BENZ
A-CLASS, B-CLASS, C-CLASS, CLC-CLASS,
CLK, CLS, COUPE, E-CLASS, G-CLASS, GL-CLASS,
GLK-CLASS, KOMBI, M-CLASS, R-CLASS, S-CLASS,
Saloon, SL, SLK, SLS AMG, SPRINTER, SPRINTER 2-t,
SPRINTER 3-t, V-CLASS, Vaneo, VIANO, VITO,
VITO / MIXTO
PEUGEOT
106, 206, 306, 307, 406, 407, 607, 806, 807, BOXER,
EXPERT, PARTNER

Note: Colour : Black,Height [mm] : 18.3,Number of ports : 2

550046 - CAMSHAFT POSITION SENSOR

NISSAN
23731-BN701, 23760-00QAB
RENAULT
82 00 033 686, 82 00 285 798
VALEO
215912874, 281528154

NISSAN
ALMERA, KUBISTAR
RENAULT
CLIO, KANGOO

Note: Colour : Black,Height [mm] : 28,Number of ports : 3

550047 - SPEED SENSOR

CITROENPEUGEOT
6160 70, 96 231 119 80, 96 350 572 80
FIAT
9635080680
VALEO
2576063

CITROËN
BERLINGO, EVASION, JUMPY, SAXO, XANTIA, XM,
XSARA, XSARA PICASSO
FIAT
SCUDO, ULYSSE
LANCIA
ZETA
PEUGEOT
106, 206, 306, 406, 607, 806, EXPERT, PARTNER
RENAULT
CLIO, KANGOO, MEGANE

Note: Height [mm] : 67,Number of ports : 3,Resistance [Ohm] : 2 M



Suitable to:

Used on:

550048 - SPEED SENSOR



CITROENPEUGEOT
6160 24
VALEO
2576037

CITROËN
AX, JUMPER, SAXO, ZX
PEUGEOT
106, 206, 306

Note: Height [mm] : 81,Number of ports : 3

550049 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 855 719, 77 00 855 719F
SIEMENS VDO
S101750021Z

RENAULT
ESPACE, LAGUNA, MEGANE, TWINGO

Note: Cable Length [mm] : 280,Colour : Grey,Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 280

550050 - CRANKSHAFT POSITION SENSOR



OPEL
62 38 325, 90 451 442
SIEMENS VDO
S101938001Z

OPEL
ASTRA, ASTRA F CLASSIC, CORSA, VECTRA
VAUXHALL
ASTRA, ASTRAMAN, CAVALIER, COMBO, CORSA,
NOVA, TIGRA, VECTRA

Note: Cable Length [mm] : 630,Colour : Black,Height [mm] : 34,Number of ports : 3,Resistance [Ohm] : 520

550051 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 101 970, 77 00 103 069, 82 00 468 645
SIEMENS VDO
S105757001Z

NISSAN
KUBISTAR
RENAULT
CLIO, ESPACE, LAGUNA, MEGANE, SCÉNIC

Note: Colour : Black,Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 250



Suitable to:

Used on:

550052 - CRANKSHAFT POSITION SENSOR



OPEL
10 456 604, 12 38 938

OPEL
ASTRA, CORSA, VECTRA
VAUXHALL
ASTRA, ASTRAVAN, CORSA, VECTRA

Note: Colour : Black, Height [mm] : 39, Number of ports : 2, Resistance [Ohm] : 2.4 k

550053 - CAMSHAFT POSITION SENSOR



OPEL
10 456 585, 12 38 937

OPEL
ASTRA, CORSA, VECTRA, ZAFIRA
VAUXHALL
ASTRA, CORSA, VECTRA

Note: Cable Length [mm] : 310, Colour : Black, Number of ports : 3

550054 - KNOCK SENSOR



GENERAL MOTORS
10 456 669
OPEL
10 456 240, 62 38 370

OPEL
ASTRA, ASTRA F CLASSIC, CORSA, FRONTERA,
TIGRA, VECTRA, ZAFIRA
VAUXHALL
ASTRA, ASTRAVAN, CORSA, FRONTERA, TIGRA, VEC-
TRA, ZAFIRA

Note: Cable Length [mm] : 390, Colour : Black, Height [mm] : 20, Number of ports : 2

550055 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 474
FIAT
46806128, 468061280, 60816553

ALFA ROMEO
147, 156, 166
FIAT
DOBLO, MAREA, MULTIPLA, PALIO, PUNTO, STILO,
STRADA
LANCIA
LYBRA, THESIS

Note: Cable Length [mm] : 450, Colour : Black, Height [mm] : 36, Number of ports : 3, Resistance [Ohm] : 900



Suitable to:

Used on:

550056 - CRANKSHAFT POSITION SENSOR



FIAT
7564592

FIAT
FIORINO, TEMPRA, TIPO, UNO
LANCIA
DEDRA, DELTA

Note: Cable Length [mm] : 460, Colour : Black, Height [mm] : 13.5, Number of ports : 2, Resistance [Ohm] : 800

550057 - CAMSHAFT POSITION SENSOR



BOSCH
0 281 002 163, 0 281 002 213
FIAT
46432103, 46481640, 60814770
OPEL
62 35 667, 93 179 513

ALFA ROMEO
145, 146, 147, 156, 159, 166
FIAT
BRAVA, BRAVO, CROMA, DOBLO, GRANDE PUNTO,
IDEA, MAREA, MULTIPLA, PUNTO, STILO,
STRADA
LANCIA
KAPPA, LYBRA, MUSA, THESIS
OPEL
ASTRA, SIGNUM, VECTRA, ZAFIRA
VAUXHALL
SIGNUM, VECTRA

Note: Cable Length [mm] : 720, Colour : Black, Number of ports : 3

550058 - CRANKSHAFT POSITION SENSOR



DACIA
82 00 439 315
NISSAN
23731-BN700, 23750-00QAD
RENAULT
77 00 100 566, 77 00 109 055, 82 00 439 315

NISSAN
ALMERA, KUBISTAR, MICRA
RENAULT
CLIO, ESPACE, KANGOO, LAGUNA, MEGANE, SCÉNIC

Note: Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 680

550059 - CAMSHAFT POSITION SENSOR



OPEL
12 38 425, 90 536 064
SIEMENS VDO
S105778001Z

OPEL
ASTRA, CORSA, MERIVA, SIGNUM, TIGRA, VECTRA,
ZAFIRA
VAUXHALL
ASTRA, CORSA, VECTRA, ZAFIRA

Note: Cable Length [mm] : 275, Colour : Black, Height [mm] : 25, Number of ports : 3



Suitable to:

Used on:

550060 - CAMSHAFT POSITION SENSOR



OPEL
12 38 915, 90 458 252
SIEMENS VDO
5WK90551Z

OPEL
ASTRA, CALIBRA, OMEGA, VECTRA
VAUXHALL
ASTRA, CALIBRA, CAVALIER, OMEGA, VECTRA

Note: Colour : Black,Number of ports : 3,Resistance [Ohm] : 18

550061 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 151
OPEL
09 118 368, 62 38 109, 9 118 368, 90 532 619
PIAGGIO
639366
RENAULT
50 10 412 449
VOLVO
20513343

OPEL
AGILA, ASTRA, COMBO, CORSA, MERIVA, TIGRA
VAUXHALL
AGILA, ASTRA, COMBO, CORSA, CORSAVAN, TIGRA

Note: Colour : Black,Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 920

550062 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 160
FIAT
46469866, 46470477, 46472687, 60814589

ALFA ROMEO
145, 146, 147, 156, 166, GTV, SPIDER
FIAT
BRAVO, COUPE, MAREA, STILO
LANCIA
KAPPA, LYBRA, THESIS

Note: Cable Length [mm] : 700,Colour : Orange,Height [mm] : 35,Number of ports : 2,Resistance [Ohm] : 900

550063 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 285
OPEL
09 118 150, 62 38 101

OPEL
ASTRA

Note: Cable Length [mm] : 300,Colour : Black,Height [mm] : 34.5,Number of ports : 3,Operating Mode : Electric,Resistance [Ohm] : 900



Suitable to:

Used on:

550064 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 114, 0 261 210 124
FIAT
46774532, 55187333, 55189517, 7777960, 7787256,
7798691
RENAULT
77 01 402 250

FIAT
PALIO, PANDA, PUNTO
LANCIA
Y

Note: Cable Length [mm] : 560, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Operating Mode : Electric, Resistance [Ohm] : 1.1 k

550065 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39180-22040, 39180-22050, 39180-22090, 39180-23000

HYUNDAI
ACCENT, COUPE, LANTRA

Note: Cable Length [mm] : 165, Colour : Black, Height [mm] : 24, Number of ports : 3, Operating Mode : Electric, Resistance [Ohm] : 870

550066 - CRANKSHAFT POSITION SENSOR



NISSAN
23750-00QAE
RENAULT
77 00 101 971, 77 00 273 419 A, 82 00 468 646
SIEMENS VDO
S105758001Z, S119974001Z

NISSAN
KUBISTAR
RENAULT
CLIO, MEGANE

Note: Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 250

550067 - CRANKSHAFT POSITION SENSOR



FIAT
07735914, 46442091, 46479975, 55189515

FIAT
BRAVA, BRAVO, MAREA, MULTIPLA, PALIO
LANCIA
DEDRA, DELTA, LYBRA

Note: Cable Length [mm] : 660, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Operating Mode : Electric, Resistance [Ohm] : 1.1 k



Suitable to:

Used on:

550068 - CRANKSHAFT POSITION SENSOR

BOSCH
0 261 210 030
OPEL
12 38 358, 62 38 313, 90 451 441
SAAB
4227203
SIEMENS VDO
S101918001Z
VAUXHALL
62 38 313, 90 451 441

OPEL
ASCONA, ASTRA, CALIBRA, FRONTERA, KADETT,
OMEGA, VECTRA
SAAB
9-3, 900, 9000
VAUXHALL
ASTRA, CALIBRA, CARLTON, CAVALIER

Note: Cable Length [mm] : 970, Colour : Black, Height [mm] : 24, Number of ports : 3, Operating Mode : Electric, Resistance [Ohm] : 550

550069 - CRANKSHAFT POSITION SENSOR

FIAT
46417650, 46764212, 55189513

FIAT
CINQUECENTO, SEICENTO

Note: Cable Length [mm] : 900, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Operating Mode : Electric, Resistance [Ohm] : 1.1 k

550070 - CRANKSHAFT POSITION SENSOR

FIAT
7735697

FIAT
CINQUECENTO, PANDA, SEICENTO

Note: Cable Length [mm] : 440, Colour : Black, Height [mm] : 20.7, Number of ports : 3, Resistance [Ohm] : 700

550071 - CRANKSHAFT POSITION SENSOR

FIAT
4460206, 60523246, 60800100, 60808213, 7547714
FORD
1639282
RENAULT
50 00 288 407

FIAT
ARGENTA, CINQUECENTO, CROMA, FIORINO,
REGATA, RITMO, UNO
FORD
SIERRA
LANCIA
DELTA, PRISMA, THEMA, Y10
MASERATI
228, 420/430, BITURBO, GHIBLI, QUATTROPORTE,
SHAMAL

Note: Cable Length [mm] : 460, Colour : White, Height [mm] : 20.7, Number of ports : 2, Resistance [Ohm] : 700



Suitable to:

Used on:

550072 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 108 073, 82 00 468 647
SIEMENS VDO
S119976001Z

RENAULT
CLIO, ESPACE, LAGUNA, MEGANE, SCÉNIC

Note: Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 250

550073 - CRANKSHAFT POSITION SENSOR



OPEL
09 174 621, 12 38 228, 62 38 377, 9 174 621, 90 506 103
SIEMENS VDO
5WK9607, S103857002Z

OPEL
ASTRA, CALIBRA, OMEGA, VECTRA

Note: Cable Length [mm] : 820, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 15 k

550074 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
5940 09
FIAT
46778331, 55189514

FIAT
PANDA, SEICENTO

Note: Cable Length [mm] : 780, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Resistance [Ohm] : 1.1 k

550075 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 850 589
SIEMENS VDO
S101756003Z

RENAULT
ESPACE, LAGUNA, MEGANE

Note: Cable Length [mm] : 252, Colour : Grey, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 230



Suitable to:

Used on:

550076 - CRANKSHAFT POSITION SENSOR



OPEL
12 38 914, 90 458 251
SIEMENS VDO
5WK90541Z

OPEL
ASTRA, CALIBRA, OMEGA, VECTRA
VAUXHALL
ASTRA, CALIBRA, CAVALIER, OMEGA, VECTRA

Note: Cable Length [mm] : 820, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 13

550077 - CRANKSHAFT POSITION SENSOR



OPEL
62 38 393, 90 483 739
SIEMENS VDO
S101938002Z

OPEL
ASTRA, CORSA, OMEGA, SENATOR, TIGRA, VECTRA
VAUXHALL
ASTRA, CARLTON, CORSA, SENATOR, TIGRA, VECTRA, ZAFIRA

Note: Cable Length [mm] : 850, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Resistance [Ohm] : 550

550078 - CRANKSHAFT POSITION SENSOR



OPEL
62 38 459, 90 520 856
SIEMENS VDO
S105578001Z

OPEL
ASTRA, VECTRA, ZAFIRA
VAUXHALL
ASTRA, VECTRA, ZAFIRA

Note: Cable Length [mm] : 360, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Resistance [Ohm] : 550

550079 - PRESSURE SENSOR



CITROENPEUGEOT
2529 24
RENAULT
77 00 100 009
VALEO
211970677

CITROËN
C5
PEUGEOT
206, 406, 807
RENAULT
KANGOO, MEGANE, SCÉNIC

Note: Cable Length [mm] : 790, Number of ports : 3

550080 - SENSOR, INTAKE MANIFOLD PRESSURE



CITROENPEUGEOT
1563 J4, 1920 J7, 96 092 693
FIAT
46531222, 60811067, 60814507, 7714662, 960992380
VW
377 906 306 C, 377 906 309 C

ALFA ROMEO
33
CITROËN
AX, BX, JUMPER, XANTIA, XM, XSARA, ZX
FIAT
ARGENTA, BRAVA, BRAVO, CINQUECENTO, COUPE, CROMA, DUCATO, MAREA, PALIO, PANDA, PUNTO, SEICENTO, TEMPRA, TIPO
LANCIA
DEDRA, DELTA, PRISMA, THEMA, Y
PEUGEOT
106, 205, 306, 309, 405, 605, BOXER

Note: Colour : Black, Number of ports : 3

550081 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 165
IVECO
99450797

IVECO
EuroCargo, EuroStar, EuroTech MP, EuroTrakker, Stralis

Note: Cable Length [mm] : 340, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900

550082 - THROTTLE POSITION SENSOR



FORD
7173046, 95BF 9B989 JB
PIERBURG
4.02003.07.0

FORD
ESCORT, ESCORT CLASSIC, FIESTA, KA, PUMA

Note: Number of ports : 3, Rotation Direction : Clockwise rotation

550083 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 104
FIAT
7766252
KIA
0K9A0-18-891, 0K9AA-18-891

FIAT
PALIO, PUNTO, SIENA
KIA
CLARUS, SPORTAGE

Note: Cable Length [mm] : 385, Colour : Black, Height [mm] : 23, Number of ports : 3, Resistance [Ohm] : 900



Suitable to:

Used on:

550084 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 021
FORD
YS6G 12K073 AA
OPEL
09 118 374, 62 38 110, 90 505 794, 90 560 111, 91 18 374

OPEL
AGILA, ASTRA, COMBO, CORSA, MERIVA, TIGRA
VAUXHALL
AGILA, ASTRA, COMBO, CORSA, CORSAVAN, TIGRA

Note: Colour : Black, Height [mm] : 20, Number of ports : 3, Resistance [Ohm] : 1.6 M

550085 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 031
SIEMENS VDO
D38142
VW
06B 906 051

AUDI
A3
SEAT
ALTEA, AROSA, CORDOBA, IBIZA, INCA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, EOS, GOLF, JETTA, LUPO, NEW BEETLE, PASSAT, POLO, TOURAN

Note: Colour : Black, Number of ports : 4

550086 - SENSOR, INTAKE MANIFOLD PRESSURE



RENAULT
82 00 105 165, 82 00 121 800
SIEMENS VDO
5WK9681Z

NISSAN
INTERSTAR, KUBISTAR, PRIMASTAR
RENAULT
CLIO, KANGOO, LAGUNA, TWINGO

Note: Colour : Black, Number of ports : 3

550087 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 191
NISSAN
25977-7F405

NISSAN
TERRANO
NISSAN
CABSTAR E

Note: Cable Length [mm] : 470, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900



Suitable to:

Used on:

550088 - CAMSHAFT POSITION SENSOR



BMW
12 14 1 703 221
SIEMENS VDO
5WK96011Z

BMW
3, 5, 7

Note: Cable Length [mm] : 390, Colour : Black, Height [mm] : 27.5, Number of ports : 3, Resistance [Ohm] : 13

550089 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
195271101900, 60512971
FIAT
07646975, 5944390, 7588435, 7604582

ALFA ROMEO
33
FIAT
CROMA, REGATA, RITMO, UNO
LANCIA
DELTA, PRISMA, THEMA, Y10

Note: Cable Length [mm] : 440, Colour : Black, Height [mm] : 29.5, Number of ports : 2, Resistance [Ohm] : 700

550090 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
60806494
FIAT
7547235, 7741311

ALFA ROMEO
155
FIAT
COUPE, CROMA, TEMPRA, TIPO
LANCIA
DEDRA, DELTA

Note: Cable Length [mm] : 450, Colour : Black, Height [mm] : 29.5, Number of ports : 2, Resistance [Ohm] : 700

550091 - CRANKSHAFT POSITION SENSOR



FIAT
7679221, 7694335
VW
60603937

FIAT
CINQUECENTO, UNO
LANCIA
THEMA
SEAT
MARBELLA

Note: Cable Length [mm] : 450, Colour : Black, Height [mm] : 20, Number of ports : 3, Resistance [Ohm] : 700



Suitable to:

Used on:

550092 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
60810103
FIAT
7733001

ALFA ROMEO
145, 146
FIAT
TEMPRA, TIPO
LANCIA
DEDRA, DELTA

Note: Cable Length [mm] : 460, Colour : Black, Height [mm] : 29.5, Number of ports : 3, Resistance [Ohm] : 700

550093 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
60808895
FIAT
7656271

ALFA ROMEO
145, 146, 155
FIAT
FIORINO, PALIO, PUNTO, STRADA

Note: Cable Length [mm] : 320, Colour : Black, Height [mm] : 29.5, Number of ports : 2, Resistance [Ohm] : 700

550094 - CAMSHAFT POSITION SENSOR



FIAT
46440840, 46454057, 46462120, 46481306, 7760493

FIAT
BRAVA, BRAVO, DOBLO, MAREA, MULTIPLA, PALIO,
STILO
LANCIA
DELTA, LYBRA

Note: Cable Length [mm] : 400, Colour : White, Number of ports : 3, Resistance [Ohm] : 1.8 M

550095 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 EW
FIAT
46538536, 55189519

CITROËN
JUMPER
FIAT
DUCATO
PEUGEOT
BOXER

Note: Cable Length [mm] : 460, Colour : Black, Height [mm] : 34, Number of ports : 3, Resistance [Ohm] : 1.2 k



Suitable to:

Used on:

550096 - CRANKSHAFT POSITION SENSOR**FIAT**
46802751, 55189518**FIAT**
DOBLO, PALIO, STRADA
LANCIA
Y**Note:** Cable Length [mm] : 560, Colour : Black, Height [mm] : 34, Number of ports : 3, Resistance [Ohm] : 1.1 k**550097** - SENSOR, INTAKE MANIFOLD PRESSURE**BOSCH**
0 281 002 510, 0 281 002 844
FIAT
112685, 46811235, 55206796
FORD
9S519 J559 AA
GENERAL MOTORS
93 177 371
OPEL
12 35 258, 62 35 631, 93 177 414, 93 190 052
SUZUKI
18590-84E50**ALFA ROMEO**
147, 156, 166, MITO
FIAT
500, DOBLO, FIORINO, GRANDE PUNTO, IDEA, LINEA,
MAREA, MULTIPLA, PANDA, PUNTO, QUBO, STILO,
STRADA
LANCIA
MUSA, THESIS
OPEL
AGILA, COMBO, CORSA, TIGRA
SUZUKI
IGNIS, SWIFT, WAGON R+
VAUXHALL
COMBO, CORSA, CORSAVAN, TIGRA**Note:** Colour : Black, Number of ports : 3**550098** - SENSOR, INTAKE MANIFOLD PRESSURE**BOSCH**
0 261 230 030
FIAT
46533518, 46553045, 7084986, 71732447, 77364869
GENERAL MOTORS
12 568 929
PROTON
PW810694
SCANIA
5166434
SIEMENS VDO
D38145**FIAT**
500, BRAVA, BRAVO, DOBLO, GRANDE PUNTO, IDEA,
PANDA, PUNTO, STILO
LANCIA
MUSA, YPSILON
PROTON
GEN 2**Note:** Colour : Black, Number of ports : 4**550099** - RPM SENSOR, AUTOMATIC TRANSMISSION**FIAT**
9944264
FORD
1006990, 1094772, 95VW 7F923 AA, 95VW 7F923 AB
VW
095 927 321 A, 095 927 321 C**AUDI**
A2, A3, A4, A6, CABRIOLET, COUPE
FIAT
TEMPRA, TIPO
FORD
GALAXY
LANCIA
DEDRA
SEAT
ALHAMBRA, CORDOBA, IBIZA, LEON
SKODA
OCTAVIA
VW
CORRADO, GOLF, PASSAT, VENTO**Note:** Colour : Black, Height [mm] : 30, Number of ports : 2, Resistance [Ohm] : 850



Suitable to:

Used on:

550100 - RPM SENSOR, AUTOMATIC TRANSMISSION



VW
095 927 321 B

AUDI
A3
SEAT
LEON, TOLEDO
SKODA
OCTAVIA
VW
BORA, GOLF, NEW BEETLE

Note: Colour : Black,Height [mm] : 30,Number of ports : 2,Resistance [Ohm] : 850

550101 - CRANKSHAFT POSITION SENSOR



VW
045 957 147, 045 957 147 C

AUDI
A2
SEAT
AROSA, CORDOBA, IBIZA
SKODA
FABIA
VW
LUPO, POLO

Note: Cable Length [mm] : 610,Colour : Black,Height [mm] : 46,Number of ports : 3,Resistance [Ohm] : 500

550102 - CRANKSHAFT POSITION SENSOR



FORD
1100749, 1358961, 1424270, 1431016, 1431017,
6M21 6C315 AA, 6M21 6C315 BA, 6M21 6C315 CA,
XM21 6C315 AB, XM24 6C315 AA
VW
038 907 319 D, 038 907 319 J, 038 957 147 D,
038 957 147 F

AUDI
A3
FORD
GALAXY
SEAT
ALHAMBRA, IBIZA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, GOLF, MULTIVAN, NEW BEETLE, SHARAN,
TRANSPORTER

Note: Cable Length [mm] : 500,Colour : Black,Height [mm] : 46,Number of ports : 3,Resistance [Ohm] : 500

550103 - CRANKSHAFT POSITION SENSOR



VW
038 957 147 E

SEAT
ALHAMBRA, CORDOBA, IBIZA
SKODA
FABIA, ROOMSTER
VW
POLO, SHARAN

Note: Cable Length [mm] : 565,Colour : Black,Height [mm] : 46,Number of ports : 3,Resistance [Ohm] : 500

Suitable to:

Used on:

550104 - CRANKSHAFT POSITION SENSOR



VW
06E 906 433

AUDI
A4, A6

Note: Colour : Black, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 860

550105 - CRANKSHAFT POSITION SENSOR



VW
06H 906 433

AUDI
A3

Note: Colour : Black, Height [mm] : 33, Number of ports : 2, Resistance [Ohm] : 870

550106 - KNOCK SENSOR



BOSCH
0 261 231 146, 0 261 231 203
FORD
1205185, YM21 12A699 BA
SIEMENS VDO
S107646001Z
VW
030 905 377 C

AUDI
A2, A3, TT
SEAT
ALHAMBRA, ALTEA, CORDOBA, IBIZA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, FOX, GOLF, LUPO, MULTIVAN,
NEW BEETLE, PHAETON, POLO, SHARAN, TOUAREG,
TOURAN, TRANSPORTER

Note: Colour : Black, Number of ports : 2

550107 - KNOCK SENSOR



BOSCH
0 261 231 077
SIEMENS VDO
330001005R
VW
037 905 377 A

SEAT
ALHAMBRA, CORDOBA, IBIZA, TOLEDO
VW
GOLF, SHARAN, TRANSPORTER, VENTO

Note: Cable Length [mm] : 290, Colour : Black, Number of ports : 3



Suitable to:

Used on:

550108 - CRANKSHAFT POSITION SENSOR



SIEMENS VDO
S103957001Z
VW
037 906 433 A, 037 906 433 B, 037 906 433 C

SEAT
ALHAMBRA, CORDOBA, IBIZA, TOLEDO
VW
CORRADO, GOLF, PASSAT, SHARAN, VENTO

Note: Cable Length [mm] : 550, Colour : Black, Height [mm] : 24, Number of ports : 3

550109 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 147, 0 261 210 148, 0 261 210 242
VW
06A 906 433 C

AUDI
A3, A4, A6, A8, ALLROAD, TT
SEAT
ALHAMBRA, CORDOBA, IBIZA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA, SUPERB
VW
BORA, GOLF, NEW BEETLE, PASSAT, POLO, SHARAN

Note: Cable Length [mm] : 570, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900

550110 - CRANKSHAFT POSITION SENSOR



FORD
1110834, YS6A 6C315 AB
MAZDA
C201 18221, C201 18221 Z01
SIEMENS VDO
S107543002Z
VOLVO
30711660, 30711660 A

FORD
FIESTA, FOCUS, FOCUS C-MAX, FUSION, KA,
STREET KA
MAZDA
2
VOLVO
C30, S40, V50

Note: Colour : Blue, Height [mm] : 37, Number of ports : 2, Resistance [Ohm] : 420

550111 - CAMSHAFT POSITION SENSOR



FORD
1111037, YS6A 12K073 AB
MAZDA
C201 18230 Z01
SIEMENS VDO
S107542002Z
VOLVO
30711663, 30711663 A

FORD
FIESTA, FOCUS, FOCUS C-MAX, FUSION, KA,
STREET KA
MAZDA
2
VOLVO
C30, S40, V50

Note: Colour : Blue, Height [mm] : 33, Number of ports : 2, Resistance [Ohm] : 470



Suitable to:

Used on:

550112 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 219
FIAT
46754538, 46754539

FIAT
PUNTO, STILO

Note: Cable Length [mm] : 615, Colour : Black, Height [mm] : 34.5, Number of ports : 2, Resistance [Ohm] : 840

550113 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 101 026
FIAT
60811201, 77773440

ALFA ROMEO
145, 146, 155, 156, GTV, SPIDER
FIAT
BARCETTA, BRAVA, BRAVO, COUPE, MAREA
LANCIA
KAPPA

Note: Cable Length [mm] : 405, Number of ports : 3

550114 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 E2, 1920 F5, 96 067 317, 96 067 317 80

CITROËN
BX, XM
PEUGEOT
405, 605

Note: Cable Length [mm] : 220, Colour : Black, Number of ports : 3, Resistance [Ohm] : 400

550115 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 L1, 96 131 733

CITROËN
SAXO, XANTIA, XSARA, ZX
PEUGEOT
106, 206, 306, 405, PARTNER

Note: Colour : Blue, Height [mm] : 28, Number of ports : 3, Resistance [Ohm] : 1.7 M



Suitable to:

Used on:

550116 - CAMSHAFT POSITION SENSOR

CITROENPEUGEOT
1920 6T, 96 296 843
FIAT
9629684380

CITROËN
EVASION, XANTIA
FIAT
ULYSSE
LANCIA
ZETA
PEUGEOT
306, 406, 806

Note: Colour : Blue, Height [mm] : 29, Number of ports : 3, Resistance [Ohm] : 1.75 M

550117 - CAMSHAFT POSITION SENSOR

CITROENPEUGEOT
1920 7V, 96 285 398 00, 96 285 598, 96 285 598 80,
96 285 599, 96 285 599 80, 96 611 359 80, 96 637 525 80,
96 654 435 80, 96 654 436 80, 96 654 467 80
FORD
1580907, 9M 5Q12K 073AA
MINI
13 62 7 805 005
MITSUBISHI
MN982271
SUZUKI
33220-67G10-000, 33220-86CT0-000

CITROËN
BERLINGO, C3, C4, C5, C8, EVASION, JUMPY, XANTIA,
XSARA, XSARA PICASSO
FIAT
SCUDO, ULYSSE
LANCIA
PHEDRA, ZETA
MINI
MINI CLUBMAN
MITSUBISHI
OUTLANDER
PEUGEOT
206, 306, 307, 406, 407, 607, 806, 807, EXPERT,
PARTNER
SUZUKI
GRAND VITARA, LIANA

Note: Colour : Grey, Height [mm] : 22, Number of ports : 3, Resistance [Ohm] : 33.5 k

550118 - CAMSHAFT POSITION SENSOR

CITROENPEUGEOT
1920 AE, 96 346 055, 96 346 055 80

CITROËN
C5, C8
PEUGEOT
406, 807

Note: Colour : Grey, Height [mm] : 19.5, Number of ports : 3, Resistance [Ohm] : 33.5 k

550119 - CRANKSHAFT POSITION SENSOR

VW
045 906 433 A

AUDI
A3, A6
SEAT
ALTEA, TOLEDO
SKODA
OCTAVIA
VW
CADDY, FOX, GOLF, JETTA, PASSAT, POLO, TOURAN

Note: Colour : Grey, Height [mm] : 19.5, Number of ports : 3



Suitable to:

Used on:

550120 - CAMSHAFT POSITION SENSOR



VW
030 907 601 E

AUDI
A3, Q7, TT
SEAT
ALTEA, ALTEA XL, CORDOBA, IBIZA
SKODA
FABIA, OCTAVIA, ROOMSTER, ROOMSTER Praktik
VW
BORA, EOS, FOX, GOLF, JETTA, LUPO, PASSAT,
POLO, TIGUAN, TOUAREG

Note: Colour : Grey, Height [mm] : 24.5, Number of ports : 3, Resistance [Ohm] : 1.75 M

550121 - CRANKSHAFT POSITION SENSOR



FORD
7009578, 95WF 6C315 AA

FORD
ESCORT, GALAXY, SCORPIO, TRANSIT

Note: Colour : Black, Height [mm] : 37.5, Number of ports : 2, Resistance [Ohm] : 400

550122 - CRANKSHAFT POSITION SENSOR



FORD
1143723, 2S7Q 6C315 AC
LAND ROVER
LR004396

FORD
MONDEO

Note: Colour : Black, Height [mm] : 38, Number of ports : 2, Resistance [Ohm] : 400

550123 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 199, 0 261 210 254
VW
06A 906 433 L, 06A 906 433 N

AUDI
A3, A4, TT
SEAT
ALTEA, CORDOBA, IBIZA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, GOLF, JETTA, NEW BEETLE, PASSAT,
POLO, TOURAN

Note: Cable Length [mm] : 190, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900



Suitable to:

Used on:

550124 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 178
VW
078 906 433 B

AUDI
A4, A6, A8, TT
SEAT
LEON
SKODA
SUPERB
VW
PASSAT

Note: Cable Length [mm] : 430, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900

550125 - SENSOR, INTAKE MANIFOLD PRESSURE



FIAT
46451792, 71714218, 71718233, 71718678, 71728656

FIAT
BRAVA, BRAVO, DOBLO, MAREA, MULTIPLA, PALIO,
PANDA, PUNTO, SEICENTO, STILO, STRADA
LANCIA
DEDRA, DELTA, LYBRA, Y

Note: Colour : Black, Number of ports : 4

550126 - CRANKSHAFT POSITION SENSOR



GENERAL MOTORS
97 180 388
MITSUBISHI
J5T23381
OPEL
62 38 153

OPEL
ASTRA, CORSA, MERIVA

Note: Colour : Black, Height [mm] : 26.5, Number of ports : 3

550127 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 117
FIAT
46406454, 55189520, 7731633, 7731818, 7746949

FIAT
PANDA

Note: Cable Length [mm] : 430, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Resistance [Ohm] : 1.3 k



Suitable to:

Used on:

550128 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 039
FIAT
46786049, 467860490
GENERAL MOTORS
97 306 560
HONDA
37501 PLZ D00
ISUZU
8-97306560-1
MINI
13 62 7 791 127
OPEL
62 35 604
TOYOTA
90080-19026, 90919-05055

FIAT
DOBLO, PANDA, PUNTO, SEICENTO, STRADA
HONDA
CIVIC
LANCIA
YPSILON
MINI
MINI
OPEL
ASTRA
TOYOTA
AURIS, COROLLA, YARIS, YARIS VERSO
VAUXHALL
ASTRA, ASTRAMAN

Note: Colour : Black, Height [mm] : 24, Number of ports : 3

550129 - CRANKSHAFT POSITION SENSOR



OPEL
62 38 098, 90 520 854
SIEMENS VDO
S101938004Z

OPEL
ASTRA, ZAFIRA

Note: Cable Length [mm] : 550, Colour : Black, Height [mm] : 34.5, Number of ports : 3, Resistance [Ohm] : 540

550130 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 034, 0 261 230 057
CITROENPEUGEOT
1920 1K, 1920 AN, 96 318 136, 96 394 188, 96 394 190
FIAT
9631813680, 9639418880

CITROËN
BERLINGO, C5, C8, EVASION, SAXO, XANTIA, XM, XSARA, XSARA PICASSO
FIAT
SCUDO, ULYSSE
PEUGEOT
106, 206, 306, 307, 406, 407, 605, 607, 806, 807, EXPERT, PARTNER

Note: Colour : Black, Number of ports : 3

550131 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 012
CITROENPEUGEOT
1920 0E, 1920 9H, 96 182 615
FIAT
9618261580

CITROËN
BERLINGO, EVASION, SAXO, XANTIA, XM, XSARA, ZX
FIAT
ULYSSE
LANCIA
ZETA
PEUGEOT
106, 206, 306, 406, 605, 806, PARTNER

Note: Colour : Black, Number of ports : 3



Suitable to:

Used on:

550132 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 177
VW
038 906 051

AUDI
A2, A3, A4, A6, TT
SEAT
ALHAMBRA, AROSA, CORDOBA, IBIZA, LEON,
TOLEDO
SKODA
FABIA, OCTAVIA, SUPERB
VW
BORA, CADDY, FOX, GOLF, LT 28-35, LT 28-46, LUPO,
NEW BEETLE, PASSAT, POLO, SHARAN,
TRANSPORTER

Note: Colour : Black,Number of ports : 4

550133 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 043
CITROENPEUGEOT
1920 AJ, 4676 80, 96 365 830, 96 393 814, 96 393 814 80
PIERBURG
7.18222.21.0

CITROËN
BERLINGO, C2, C3, C4, C5, SAXO, XSARA
PEUGEOT
1007, 106, 206, 306, 307, 407, PARTNER

Note: Colour : Black,Number of ports : 4

550134 - CAMSHAFT POSITION SENSOR



BOSCH
0 281 002 102
FIAT
7766251, 77662510

FIAT
BRAVA, BRAVO, COUPE, MAREA
LANCIA
Y

Note: Cable Length [mm] : 400,Colour : Black,Height [mm] : 34.5,Number of ports : 3,Resistance [Ohm] : 900

550135 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 101 023, 0 232 101 030
RENAULT
74 39 146 108
VOLVO
9146108

RENAULT
LAGUNA, SAFRANE
VOLVO
850, 960, C70, S70, S90, V70, V90

Note: Cable Length [mm] : 160,Number of ports : 3



Suitable to:

Used on:

550136 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 041, 0 261 230 058
CITROENPEUGEOT
1920 AC, 4574 03, 96 354 934, 96 394 189, 96 394 191

CITROËN
C4, C5, C8, XSARA PICASSO
PEUGEOT
307, 807

Note: Colour : Black,Number of ports : 3

550137 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 029
FORD
3R23 9U434 AA, BAT 6S701 A
VOLVO
9125462

VOLVO
S40, S60, S80, V40

Note: Colour : Black,Number of ports : 3

550138 - RPM SENSOR, AUTOMATIC TRANSMISSION



VW
01M 927 321

AUDI
A3
SEAT
LEON, TOLEDO
SKODA
OCTAVIA
VW
BORA, GOLF, NEW BEETLE

Note: Cable Length [mm] : 390,Colour : Black,Height [mm] : 30.5,Number of ports : 3,Resistance [Ohm] : 850

550139 - CRANKSHAFT POSITION SENSOR



GENERAL MOTORS
91 167 211, 93 857 630
NISSAN
23731-AW300, 23750-00QAB
OPEL
44 02 729, 44 14 098, 44 30 629
RENAULT
77 00 113 552, 82 00 443 891
VOLVO
30617112

NISSAN
INTERSTAR, PRIMASTAR, PRIMERA
OPEL
MOVANO, VIVARO
RENAULT
ESPACE, LAGUNA, MASTER, MEGANE, TRAFIC II
VOLVO
S40, V40

Note: Height [mm] : 32,Number of ports : 2,Resistance [Ohm] : 850



Suitable to:

Used on:

550140 - SENSOR, INTAKE MANIFOLD PRESSURE



ALFA ROMEO
60811534
CHRYSLER
33000153, 5234313
CITROENPEUGEOT
1920 4S, 1920 FC, 5946 07, 5946 09
DAEWOO
16 137 039
FIAT
7696064
FORD
1144809, 1C1Y 9F479 AA
GENERAL MOTORS
12 569 240, 16 137 039, 9 389 131
HYUNDAI
39330-24750
KIA
0K950-18-211
OPEL
12 38 788, 62 38 927, 8 15 701
PIERBURG
7.18222.01.0
RENAULT
77 00 706 876, 89 33 000 153
VOLVO
1378162, 3411400

ALFA ROMEO
145, 146
CITROËN
BX, XANTIA, XM, XSARA
DAEWOO
LANOS, NUBIRA
FIAT
PUNTO, TEMPRA
FORD
TOURNEO CONNECT, TRANSIT
HYUNDAI
ACCENT, COUPE, LANTRA, PONY, PONY/EXCEL
JEEP
WRANGLER
KIA
PRIDE
LANCIA
DEDRA, DELTA
OPEL
ASTRA, ASTRA F CLASSIC, COMBO, CORSA, KADETT,
OMEGA, TIGRA, VECTRA, ZAFIRA
PEUGEOT
406, 605, PARTNER
RENAULT
KANGOO, MEGANE, TRAFIC, TWINGO
VOLVO
440, 460, 480, S40, S70, V40, V70

Note: Colour : Black, Number of ports : 3

550141 - SENSOR, INTAKE MANIFOLD PRESSURE



DAEWOO
16 212 460
FIAT
71739292
GENERAL MOTORS
12 614 970, 16 212 460, 16 258 659, 90 063 543,
93 160 018
ISUZU
8-16212-460-0
OPEL
44 09 668, 62 38 120, 62 38 159
RENAULT
77 00 106 644

CHEVROLET
REZZO
DAEWOO
LEGANZA, NUBIRA
FIAT
CROMA
OPEL
ASTRA, CORSA, FRONTERA, MERIVA, MONTEREY,
SIGNUM, SPEEDSTER, VECTRA, VIVARO, ZAFIRA
RENAULT
LAGUNA, MEGANE

Note: Number of ports : 3

550142 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 141, 0 261 230 191
MERCEDES-BENZ
004 153 31 28, 006 153 14 28
MITSUBISHI
MB16244349
SMART
001 6146 V001
VW
2E0 906 051 A

MERCEDES-BENZ
A-CLASS, C-CLASS, CLK, E-CLASS, G-CLASS,
M-CLASS, S-CLASS, SPRINTER, SPRINTER 2-t,
SPRINTER 3-t, Vaneo, VIANO, VITO,
VITO / MIXTO
SMART
FORTWO

Note: Number of ports : 3



Suitable to:

Used on:

550143 - SENSOR, INTAKE MANIFOLD PRESSURE

10*127 kPa

MERCEDES-BENZ
004 153 32 28, 005 153 50 28**MERCEDES-BENZ**
A-CLASS, C-CLASS, CLK, E-CLASS, G-CLASS,
M-CLASS, S-CLASS, SL, SLK, Vaneo
PUCH
G-MODELL**Note:** Number of ports : 3**550144** - THROTTLE POSITION SENSOR**ALFA ROMEO**
605493590
BOSCH
0 280 122 001
CITROENPEUGEOT
1628 L1, 72 408 124, 96 038 938
DAF
1292636
FERRARI
142434
FIAT
60549359, 7637025, 960389388, 9946862
HYUNDAI
35170-22001, 35170-22010
IVECO
8029510
KIA
0K011-18-911, 0K247-18-911, 0K30A-18-911
OPEL
8 26 924, 90 323 839
PORSCHE
944 606 116 00
RENAULT
77 01 047 921
SAAB
885719, 8857195
VOLVO
1336385, 3450030**ALFA ROMEO**
145, 146, 155, 156, 164, 33, GTV, SPIDER
CITROËN
AX, BX, EVASION, SAXO, XANTIA, XM, XSARA, ZX
FIAT
BRAVO, COUPE, CROMA, MAREA, PUNTO, ULYSSE
HYUNDAI
ACCENT, COUPE, H-1, LANTRA, S COUPE, STAREX,
TRAJET, TUCSON
KIA
AVELLA, CARENS, CARNIVAL, CLARUS, PRIDE,
RETONA, RIO, SEPHIA, SHUMA, SPORTAGE
LANCIA
KAPPA, THEMA, ZETA
OPEL
ASTRA, FRONTERA, OMEGA, SINTRA, VECTRA
PEUGEOT
106, 306, 405, 406, 605, 806
PORSCHE
911, 968
RENAULT
19, SAFRANE
SAAB
900, 9000
TOYOTA
AVENSIS, CARINA, COROLLA
VOLVO
440, 460, 480, 850, 960, C70, S70, S90, V70, V90**Note:** Number of ports : 3**550145** - THROTTLE POSITION SENSOR**GENERAL MOTORS**
17 06 682, 17 087 654
OPEL
08 17 203, 08 17 204, 17 087 654, 17 106 682, 8 17 203,
8 17 204
PIERBURG
4.02003.04.0**OPEL**
ASCONA, ASTRA, ASTRA F CLASSIC, CORSA,
KADETT, VECTRA**Note:** Number of ports : 3, Rotation Direction : Anti-clockwise rotation



Suitable to:

Used on:

550146 - THROTTLE POSITION SENSOR**GENERAL MOTORS**

17 080 671, 17 087 653, 17 106 681, 94 580 175

OPEL

17 080 671, 17 087 653, 17 106 681, 8 25 482, 8 25 483, 8 25 484

PIERBURG

4.02003.20.0

OPEL

ASTRA, ASTRA F CLASSIC, CORSA, FRONTERA, TIGRA, VECTRA, ZAFIRA

Note: Number of ports : 3,Rotation Direction : Clockwise rotation**550147** - SENSOR, INTAKE MANIFOLD PRESSURE

250 kPa

ALFA ROMEO

60809804

FIAT

60809804, 7750716

FORD

V92A B9F47 9A

ALFA ROMEO

155

FIAT

COUPE

FORD

ESCORT

LANCIA

DELTA

MASERATI

QUATTROPORTE

PEUGEOT

405

Note: Colour : Black,Number of ports : 3**550148** - SENSOR, INTAKE MANIFOLD PRESSURE

100 kPa

CITROENPEUGEOT

1920 P2, 96 131 023 80

CITROËN

EVASION, XANTIA, ZX

FIAT

ULYSSE

PEUGEOT

106, 306, 405, 406, 806

Note: Colour : Black,Number of ports : 3**550149** - THROTTLE POSITION SENSOR**CITROENPEUGEOT**

1920 1H, 95 644 631 80

FIAT

7076359, 7079246, 71737620, 7745679, 9944468

PIERBURG

4.02003.03.0

RENAULT

77 01 204 055

VOLVO

9146315, 9146315-8

CITROËN

AX, BERLINGO, SAXO, XANTIA, XSARA, ZX

FIAT

CINQUECENTO, PALIO, PANDA, PUNTO, SEICENTO, SIENA, STRADA

LANCIA

Y

PEUGEOT

106, 205, 206, 306, 406, PARTNER

RENAULT

CLIO, TWINGO

Note: Colour : Black,Number of ports : 3



Suitable to:

Used on:

550150 - THROTTLE POSITION SENSOR



FIAT
7077710, 7714824, 9945634, 9950634
PIERBURG
4.02003.02.0
RENAULT
77 01 044 743

ALFA ROMEO
145, 146
FIAT
BRAVA, BRAVO, MAREA, PALIO, TEMPRA, TIPO
LANCIA
DEDRA, DELTA

Note: Number of ports : 3,Rotation Direction : Anti-clockwise rotation

550151 - CAMSHAFT POSITION SENSOR



FORD
1219993, 1347419, 1358343, 2S7Q 12K073 BA,
2S7Q 12K073 BB, 6C11 12K073 AA
LAND ROVER
LR004492

FORD
TRANSIT

Note: Colour : Grey,Height [mm] : 26.5,Number of ports : 3,Resistance [Ohm] : 16.5 k

550152 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1041954, 1127268, 98AB 9F479 BA, 98AB 9S428 AB

FORD
FIESTA, FOCUS

Note: Colour : Black,Number of ports : 3

550153 - CAMSHAFT POSITION SENSOR



DAEWOO
10 456 506, 96 418 393
GENERAL MOTORS
10 456 506
OPEL
12 35 547, 62 38 117

CHEVROLET
CAPTIVA, EPICA, EVANDA, LACETTI, NUBIRA, REZZO
DAEWOO
EVANDA, LACETTI, LEGANZA, NUBIRA, REZZO
OPEL
FRONTERA
VAUXHALL
FRONTERA

Note: Number of ports : 3,Resistance [Ohm] : 1,8 M



Suitable to:

Used on:

550154 - KNOCK SENSOR



DAEWOO
90 411 972, 96 508 199
GENERAL MOTORS
90 411 972, 96 508 199
OPEL
62 38 312
SIEMENS VDO
S103057001Z
VAUXHALL
62 38 312, 90411972

DAEWOO
MATIZ
OPEL
ASTRA, CALIBRA, OMEGA, VECTRA
VAUXHALL
ASTRA, CALIBRA, CAVALIER, OMEGA, VECTRA

Note: Cable Length [mm] : 320,Number of ports : 3

550155 - CRANKSHAFT POSITION SENSOR



DAEWOO
10 456 515, 96 418 382
GENERAL MOTORS
10 456 515, 96 418 382
ISUZU
8-10456-515-0
OPEL
62 38 118

DAEWOO
LEGANZA, NUBIRA

Note: Cable Length [mm] : 860,Number of ports : 3,Resistance [Ohm] : 590

550156 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
46411135
BOSCH
0 261 210 129
FIAT
46411135

ALFA ROMEO
145, 146, 155, GTV, SPIDER

Note: Cable Length [mm] : 635,Colour : Black,Height [mm] : 34,Number of ports : 3,Resistance [Ohm] : 1 k

550157 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 044
FORD
1119939, 1439900, 1S7A 9F479 AB, 1S7A 9F479 AC
MAZDA
LF01 18211, LF01 18211 Z 02
VOLVO
30658184, 31251242, 31251242 AA

FORD
MONDEO
VOLVO
S40, V50

Note: Colour : Black,Number of ports : 4



Suitable to:

Used on:

550158 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1023008, 97VB 9F479 BA

FORD
TRANSIT

Note: Colour : Black,Number of ports : 3

550159 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1C1A 9F479 AA, 4138350

FORD
TRANSIT

Note: Colour : Black,Number of ports : 4

550160 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1113276, 1S4A 9F479 BA

FORD
FOCUS

Note: Colour : Black,Number of ports : 4

550161 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 027
FORD
1086439, 1087424, XS6F 9F479 AA, XS6F 9F479 AB

FORD
ESCORT, FIESTA, KA

Note: Colour : Black,Number of ports : 3



Suitable to:

Used on:

550162 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1139330, 1144420, 1M5F 9S428 AA, 1M5F 9S428 AB

FORD
FOCUS

Note: Colour : Black,Number of ports : 3

550163 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1141598, 1490907, 2S6A 9F479 BA, 2S6A 9F479 BB
LAND ROVER
LR008935
MAZDA
C201 18211, C201 18211 A, C201 18211 Z01
SIEMENS VDO
5WK9680, 5WK96812, 5WK96812Z

FORD
FIESTA, FOCUS, FUSION
MAZDA
2

Note: Colour : Black,Number of ports : 4

550164 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1223690, 1478729, 2S7G 9F475 AB, 2S7G 9F479 AA
MAZDA
L808 18211, L808 18211 Z 01

FORD
MONDEO

Note: Colour : Black,Number of ports : 4

550165 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
6953772, E7DF 9F479 A2A

FORD
TRANSIT

Note: Colour : Black,Number of ports : 3



Suitable to:

Used on:

550166 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 141
MERCEDES-BENZ
003 153 95 28, 003 153 96 28, A 003 153 95 28,
A 003 153 96 28
SMART
000 3117 V002

MERCEDES-BENZ
C-CLASS, CLK, E-CLASS, M-CLASS
SMART
CABRIO, CITY-COUPÉ, FORTWO

Note: Height [mm] : 40,Number of ports : 2,Resistance [Ohm] : 700

550167 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 093
FIAT
7739430

FIAT
CROMA
LANCIA
KAPPA, THEMA

Note: Cable Length [mm] : 435,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 550

550168 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39180-22600

HYUNDAI
ACCENT

Note: Cable Length [mm] : 180,Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 870

550169 - CAMSHAFT POSITION SENSOR



HYUNDAI
39350-22040

HYUNDAI
ACCENT, LANTRA, S COUPE

Note: Cable Length [mm] : 170,Height [mm] : 28,Number of ports : 3,Resistance [Ohm] : 1.8M



Suitable to:

Used on:

550170 - CRANKSHAFT POSITION SENSOR



DAEWOO
96 183 235

DAEWOO
NUBIRA

Note: Cable Length [mm] : 270, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 530

550171 - CRANKSHAFT POSITION SENSOR



DAEWOO
96 253 542, 96 434 780
GENERAL MOTORS
96 434 780

DAEWOO
NUBIRA

Note: Cable Length [mm] : 400, Height [mm] : 38, Number of ports : 3, Resistance [Ohm] : 560

550172 - CAMSHAFT POSITION SENSOR



BOSCH
0 261 210 119
FIAT
7790917

LANCIA
KAPPA

Note: Cable Length [mm] : 500, Height [mm] : 35, Number of ports : 3, Resistance [Ohm] : 980

550173 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 593
RENAULT
82 00 225 971

DACIA
LOGAN
RENAULT
KANGOO, MEGANE, SCÉNIC, THALIA, TRAFIC II

Note: Number of ports : 3



Suitable to:

Used on:

550174 - KNOCK SENSOR



BOSCH
0 261 231 079
GENERAL MOTORS
9 044 8771
OPEL
12 38 912, 62 38 361, 90 511 177

OPEL
OMEGA, SINTRA, VECTRA
VAUXHALL
CAVALIER, OMEGA, SINTRA, VECTRA

Note: Cable Length [mm] : 760,Number of ports : 3

550175 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 CX, 96 306 836 80

CITROËN
SAXO

Note: Height [mm] : 38,Number of ports : 2,Resistance [Ohm] : 400

550176 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 8S, 96 328 897 80

CITROËN
BERLINGO, C5, XSARA
PEUGEOT
306, 406, 607, PARTNER
RENAULT
LAGUNA

Note: Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 400

550177 - CRANKSHAFT POSITION SENSOR



RENAULT
60 25 003 234, 77 00 739 591, 77 00 850 591
VOLVO
3204141-0

RENAULT
ESPACE
VOLVO
340-360

Note: Cable Length [mm] : 1370,Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 220



Suitable to:

Used on:

550178 - CRANKSHAFT POSITION SENSOR



JEEP
S100470209
RENAULT
77 00 710 088, 77 00 739 789

JEEP
CHEROKEE, WRANGLER
RENAULT
11, 18, 25, 5, 9, FUEGO, RAPID, SUPER 5

Note: Cable Length [mm] : 820, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 220

550179 - CRANKSHAFT POSITION SENSOR



RENAULT
77 00 739 787, 77 00 739 791

RENAULT
19, CLIO, RAPID

Note: Cable Length [mm] : 800, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 215

550180 - CRANKSHAFT POSITION SENSOR



BOSCH
0 986 280 403
RENAULT
77 00 732 300, 77 00 739 792
SIEMENS VDO
S101750016Z
VOLVO
3209826

RENAULT
11, 19, 21, 9, CLIO, ESPACE, RAPID, SUPER 5, TRAFIC
VOLVO
340-360

Note: Cable Length [mm] : 940, Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 220

550181 - CRANKSHAFT POSITION SENSOR



RENAULT
60 25 403 357

RENAULT
AVANTIME, CLIO

Note: Height [mm] : 24, Number of ports : 2, Resistance [Ohm] : 400



Suitable to:

Used on:

550182 - CRANKSHAFT POSITION SENSOR



BOSCH
0 986 280 401
VOLVO
1389399, 271949, 3547847

VOLVO
240, 740, 940

Note: Cable Length [mm] : 530, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 190

550183 - RPM SENSOR, AUTOMATIC TRANSMISSION



FORD
3043996, 4617388, 4900624, 5S4P 7M101 AA,
8S4P 7M101 AA, XS4P 7M101 AB
GENERAL MOTORS
10 456 578
MAZDA
Z05 3D1Y 2 155

FORD
C-MAX, FIESTA, FOCUS, FOCUS C-MAX

Note: Colour : Black, Height [mm] : 30.5, Number of ports : 2, Resistance [Ohm] : 360

550184 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
5918 92, 96 140 044 80

CITROËN
XANTIA, ZX
PEUGEOT
306, 405

Note: Cable Length [mm] : 610, Height [mm] : 39, Number of ports : 3, Resistance [Ohm] : 70

550185 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
5918 75, 91 537 677 80

CITROËN
AX, BX
PEUGEOT
106, 205, 309, 405, 505

Note: Cable Length [mm] : 820, Height [mm] : 38, Number of ports : 3, Resistance [Ohm] : 70



Suitable to:

Used on:

550186 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
5918 94, 96 168 063 80

CITROËN
BERLINGO, C15, EVASION, JUMPER, JUMPY, XANTIA,
XSARA, ZX
PEUGEOT
205, 306, 405, 406, 806, BOXER, EXPERT, PARTNER

Note: Cable Length [mm] : 630, Height [mm] : 38, Number of ports : 3, Resistance [Ohm] : 100

550187 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
5918 93, 96 168 062 80

CITROËN
BERLINGO, JUMPY, SAXO, XSARA
PEUGEOT
106, 206, 306, 605, EXPERT, PARTNER

Note: Cable Length [mm] : 385, Height [mm] : 39, Number of ports : 3, Resistance [Ohm] : 110

550188 - CAMSHAFT POSITION SENSOR



VW
06C 905 163 C

VW
GOLF

Note: Height [mm] : 24, Number of ports : 3

550189 - CAMSHAFT POSITION SENSOR



VW
06E 905 163

AUDI
A4

Note: Height [mm] : 24, Number of ports : 3



Suitable to:

Used on:

550190 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 220
FIAT
46779352

FIAT
BRAVA, BRAVO
LANCIA
Y

Note: Cable Length [mm] : 620, Height [mm] : 34.5, Number of ports : 2

550191 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 101 036
FIAT
46520138

FIAT
BRAVO, COUPE, MAREA, STILO
LANCIA
KAPPA, LYBRA, THESIS

Note: Cable Length [mm] : 460, Number of ports : 3

550192 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 138
GENERAL MOTORS
90 540 188
NISSAN
23731-9X800
OPEL
62 38 395, 90 464 741, 90 540 188
SAAB
9544560
SCANIA
4772232

OPEL
ASTRA, FRONTERA, OMEGA, SIGNUM, SINTRA,
VECTRA, ZAFIRA
SAAB
9-3, 9-5
VAUXHALL
ASTRA, ASTRAMAN, FRONTERA, OMEGA, SINTRA,
VECTRA, ZAFIRA

Note: Cable Length [mm] : 520, Height [mm] : 35, Number of ports : 3, Resistance [Ohm] : 980

550193 - THROTTLE POSITION SENSOR



FORD
1001591, 6854783, 938F 9B989 CA, 95BF 9B989 DA
PIEBURG
4.02003.18.0

FORD
ESCORT, ESCORT CLASSIC, GALAXY, MONDEO,
SCORPIO, TRANSIT

Note: Number of ports : 3, Rotation Direction : Clockwise rotation



Suitable to:

Used on:

550194 - SENSOR, INTAKE MANIFOLD PRESSURE



SIEMENS VDO
5WK9693Z
VW
036 906 051, 03D 906 051

AUDI
A2, A4
SEAT
AROSA, CORDOBA, IBIZA, INCA, LEON, TOLEDO
SKODA
FABIA, FELICIA, OCTAVIA
VW
BORA, CADDY, GOLF, LUPO, POLO, VENTO

Note: Number of ports : 4

550195 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 115
FIAT
7799033
FORD
82030048
IVECO
7799033

FIAT
TEMPRA, TIPO
LANCIA
DEDRA, DELTA

Note: Cable Length [mm] : 740, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 820

550196 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 118
FIAT
7756924, 7799032
IVECO
77990320

FIAT
TEMPRA, TIPO
LANCIA
DELTA

Note: Cable Length [mm] : 630, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 820

550197 - CRANKSHAFT POSITION SENSOR



OPEL
09 115 115, 12 38 223
SIEMENS VDO
S107541001Z
VAUXHALL
09 115 115, 12 38 223

OPEL
ASTRA, CORSA, MERIVA, SIGNUM, TIGRA, VECTRA,
ZAFIRA
VAUXHALL
ASTRA, CORSA, VECTRA, ZAFIRA

Note: Height [mm] : 41, Number of ports : 2, Resistance [Ohm] : 1,4k



Suitable to:

Used on:

550198 - KNOCK SENSOR

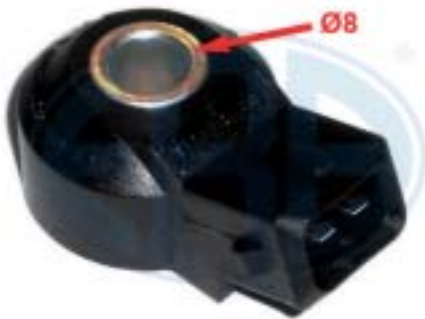


GENERAL MOTORS
90 536 392
OPEL
62 38 099, 90 536 392

OPEL
ASTRA, VECTRA, ZAFIRA

Note: Cable Length [mm] : 330,Number of ports : 3

550199 - KNOCK SENSOR



ALFA ROMEO
195050501701
BOSCH
0 261 231 001, 0 261 231 006
CITROENPEUGEOT
5946 03, 91 514 880
FIAT
60512698, 60534263
FORD
6152883, 6169571, 86SF 12A699 AB
OPEL
12 38 345, 62 38 341, 90 298 201, 90 510 281
PORSCHE
944 606 145 00
RENAULT
77 00 271 090
SAAB 756880, 7568801
VOLVO 1367644, 3433347

ALFA ROMEO
75
CITROËN
BX
FORD
ESCORT, FIESTA, ORION, SCORPIO, SIERRA
OPEL
ASTRA, CALIBRA, KADETT, OMEGA, SENATOR,
VECTRA
PEUGEOT
309, 405, 505
PORSCHE
944, 968
RENAULT
19
SAAB
900, 9000
VAUXHALL
CALIBRA, CAVALIER, OMEGA
VOLVO 440, 460, 480, 740, 760

Note: Number of ports : 2

550200 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 167
FIAT
46477973

ALFA ROMEO
166

Note: Cable Length [mm] : 810,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 900

550201 - CAMSHAFT POSITION SENSOR



OPEL
90 12 039, 93 171 450
SIEMENS VDO
5WK90554Z

OPEL
ASTRA, CALIBRA
VAUXHALL
ASTRA, CALIBRA, OMEGA, VECTRA

Note: Cable Length [mm] : 360,Number of ports : 3



Suitable to:

Used on:

550202 - THROTTLE POSITION SENSOR



FORD
6181110, 6854778, 87SF 9B989 BA, 87SF 9B989 CA
PIERBURG
4.02003.11.0

FORD
ESCORT, ESCORT CLASSIC, FIESTA, SIERRA

Note: Cable Length [mm] : 110,Number of ports : 3,Rotation Direction : Clockwise rotation

550203 - THROTTLE POSITION SENSOR



FORD
1027538, 97XF 9B989 AA
PIERBURG
4.02003.17.0

FORD
GALAXY

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550204 - THROTTLE POSITION SENSOR



FORD
6854779, 88WF 9B989 CA
PIERBURG
4.02003.10.0

FORD
ESCORT, SCORPIO, SIERRA, TRANSIT

Note: Colour : Black,Number of ports : 3,Rotation Direction : Clockwise rotation

550205 - THROTTLE POSITION SENSOR



FORD
6145039, 6162877, 6185106, 6444052, 6590860,
6854780, 86TF 9B989 AA, 86TF 9B989 AB,
86TF 9B989 AC, 86TF 9B989 AD, 90TF 9B989 AA,
90TF 9B989 BA
PIERBURG
4.02003.06.0

FORD
SCORPIO, SIERRA, TRANSIT

Note: Number of ports : 3,Rotation Direction : Anti-clockwise rotation



Suitable to:

Used on:

550206 - THROTTLE POSITION SENSOR



FORD
6854781, 91XF 9B989 BA
PIERBURG
4.02003.09.0

FORD
ESCORT, FIESTA, ORION

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550207 - KNOCK SENSOR



BOSCH
0 261 231 038
SIEMENS VDO
G855302990800Z
VW
054 905 377 A, 054 905 377 H

AUDI
100, 80, 90, A4, A6, A8, CABRIOLET, COUPE,
QUATTRO, V8
VW
CORRADO, GOLF, JETTA, PASSAT, POLO,
SCIROCCO, TOUAREG

Note: Cable Length [mm] : 730,Number of ports : 2

550208 - CRANKSHAFT POSITION SENSOR



SIEMENS VDO
S102460001Z
VOLVO
3547669-3, 3547699

VOLVO
960, S90, V90

Note: Cable Length [mm] : 285,Colour : Black,Height [mm] : 32,Number of ports : 2,Resistance [Ohm] : 300

550209 - KNOCK SENSOR



BMW
12 14 1 703 276
SIEMENS VDO
S103541001Z

BMW
3, 5, 7, Z3

Note: Colour : Black,Number of ports : 4



Suitable to:

Used on:

550210 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 703 277
SIEMENS VDO
S103557002Z

BMW
3, 5, 7, Z3

Note: Cable Length [mm] : 760, Colour : Black, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 18 k

550212 - KNOCK SENSOR



OPEL
09 158 720, 62 38 181
SIEMENS VDO
S105722003Z

OPEL
ASTRA, CORSA, VECTRA, ZAFIRA

Note: Cable Length [mm] : 390, Colour : Black, Number of ports : 3

550213 - KNOCK SENSOR



BMW
12 14 1 435 485
SIEMENS VDO
S107126001Z

BMW
3, 5, 7, X5, Z3

Note: Colour : Black, Number of ports : 4

550214 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 709 616
SIEMENS VDO
S107230001Z

BMW
3, 5, 7, X3, X5, Z3, Z4

Note: Colour : Black, Height [mm] : 33, Number of ports : 3



Suitable to:

Used on:

550215 - KNOCK SENSOR



SIEMENS VDO
S107583005Z
VW
06A 905 377 D

SEAT
TOLEDO
VW
POLO

Note: Cable Length [mm] : 220,Colour : Black,Number of ports : 3

550216 - KNOCK SENSOR



SIEMENS VDO
S107583008Z
VW
07D 905 377

AUDI
A4, A6

Note: Cable Length [mm] : 760,Colour : Black,Number of ports : 3

550217 - KNOCK SENSOR



SIEMENS VDO
S107583009Z
VW
06C 905 377

AUDI
A4, A6, A8, ALLROAD
VW
PASSAT

Note: Cable Length [mm] : 520,Colour : Blue,Number of ports : 3

550218 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 730 027
SIEMENS VDO
5WK90051Z

BMW
3, 5

Note: Cable Length [mm] : 720,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 13



Suitable to:

Used on:

550220 - CAMSHAFT POSITION SENSOR



FORD
1219768, 1355063, 1S4F 12K073 BA, 5M51 12K073 AA

FORD
FOCUS, FOCUS C-MAX, GALAXY, MONDEO, S-MAX

Note: Colour : Grey, Height [mm] : 26.5, Number of ports : 3, Resistance [Ohm] : 1.6M

550221 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 188
VW
030 957 147 G

SEAT
AROSA, CORDOBA, IBIZA, INCA
VW
CADDY, LUPO, POLO

Note: Cable Length [mm] : 530, Height [mm] : 10, Number of ports : 3, Resistance [Ohm] : 1,7 M

550222 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 101 024, 0 232 101 025
CHERY
A11-3705120
VW
058 905 161 B

AUDI
A3, A4, A6, A8, ALLROAD, CABRIOLET, TT
SEAT
ALHAMBRA, CORDOBA, IBIZA, LEON, TOLEDO
SKODA
OCTAVIA, SUPERB
VW
BORA, GOLF, NEW BEETLE, PASSAT, PHAETON,
POLO, SHARAN, TOUAREG

Note: Number of ports : 3

550223 - RPM SENSOR, AUTOMATIC TRANSMISSION



FORD
1S7P 7M101 KA, 4383679, 4383693, 4429622,
F7RP 7M101 KB, XS7P 7M101 AB
MAZDA
FW84 21550, FW84 21550 Z01

FORD
COUGAR, MAVERICK, MONDEO

Note: Height [mm] : 29, Number of ports : 2, Resistance [Ohm] : 780



Suitable to:

Used on:

550224 - THROTTLE POSITION SENSOR



RENAULT
77 00 273 699, 77 01 206 371

RENAULT
KANGOO, MEGANE

Note: Number of ports : 3,Rotation Direction : Anti-clockwise rotation

550225 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 150
GENERAL MOTORS
93 243 251
OPEL
12 38 241, 93 243 251

OPEL
ASTRA, SPEEDSTER, ZAFIRA
VAUXHALL
ASTRA, VX220, ZAFIRA

Note: Cable Length [mm] : 830,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 900

550226 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 123
MERCEDES-BENZ
003 153 72 28, 003 153 74 28
SSANGYONG
003 153 72 28, 003 153 74 28

DAEWOO
MUSSO
MERCEDES-BENZ
A-CLASS, C-CLASS, CLK, E-CLASS, S-CLASS, SL, SLK,
SPRINTER, SPRINTER 2-t, VARIO
MERCEDES-BENZ
UNIMOG
SSANGYONG
KORANDO, MUSSO

Note: Height [mm] : 40,Number of ports : 2,Resistance [Ohm] : 1,1k

550227 - CRANKSHAFT POSITION SENSOR



BMW
1 720 852, 12 14 1 713 007, 12 14 1 720 852

BMW
3, 5, Z1

Note: Cable Length [mm] : 670,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 550



Suitable to:

Used on:

550228 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
1920 Y9
FIAT
46411427

CITROËN
JUMPY
FIAT
FIORINO, SCUDO
PEUGEOT
EXPERT

Note: Cable Length [mm] : 430, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900

550229 - CRANKSHAFT POSITION SENSOR



SMART
000 3228 V002, 000 3228 V002 000 000

SMART
CITY-COUPE

Note: Height [mm] : 34, Number of ports : 2, Resistance [Ohm] : 550

550230 - KNOCK SENSOR



BOSCH
0 261 231 095
DAEWOO
96 253 615
FIAT
60592752, 60810791

ALFA ROMEO
145, 146, 155, 156, 164, 166, SPIDER
DAEWOO
LANOS, NUBIRA
FIAT
BRAVO, COUPE, CROMA, MAREA
LANCIA
DELTA, KAPPA, THEMA

Note: Cable Length [mm] : 390, Number of ports : 3

550231 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 121
HONDA
78420 P5T G00
ROVER
NSC100110, NSC100110L

HONDA
ACCORD
LAND ROVER
FREELANDER
MG
MG ZR
ROVER
200, 25, 400, 45, 600

Note: Cable Length [mm] : 190, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 900



Suitable to:

Used on:

550232 - CRANKSHAFT POSITION SENSOR



VW
06A 906 433 K

AUDI
A3
SEAT
ALHAMBRA, ALTEA, LEON, TOLEDO
SKODA
OCTAVIA
VW
EOS, GOLF, PASSAT, SHARAN, TOUAREG, TOURAN,
TRANSPORTER

Note: Cable Length [mm] : 250,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 900

550233 - CRANKSHAFT POSITION SENSOR



KIA
OK2N1-18-891

KIA
CARENS, SEPHIA, SHUMA

Note: Cable Length [mm] : 210,Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 900

550234 - CRANKSHAFT POSITION SENSOR



GENERAL MOTORS
90 492 061
OPEL
62 38 126, 90 492 061
SIEMENS VDO
A2C59511568, S103008002

OPEL
OMEGA
VAUXHALL
OMEGA

Note: Cable Length [mm] : 730,Height [mm] : 38,Number of ports : 3,Resistance [Ohm] : 520

550235 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 101 031
VW
06A 905 161 B

AUDI
A3, A4
SEAT
ALHAMBRA, CORDOBA, IBIZA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA, SUPERB
VW
BORA, CADDY, GOLF, MULTIVAN, NEW BEETLE,
PASSAT, POLO, SHARAN, TOURAN, TRANSPORTER

Note: Number of ports : 3



Suitable to:

Used on:

550236 - KNOCK SENSOR



BOSCH
0 261 231 036
SUZUKI
37520-10B3
VW
054 905 377, 054 905 377 G

AUDI
100, 200, 80, 90, A4, A6, A8, CABRIOLET, COUPE,
QUATTRO
PORSCHE
928
SEAT
CORDOBA, IBIZA, TOLEDO
VW
GOLF, JETTA, PASSAT, POLO, VENTO

Note: Cable Length [mm] : 550, Number of ports : 3

550237 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 010, 0 261 230 011
VW
030 906 051, 030 906 051 A

SEAT
AROSA, CORDOBA, IBIZA, INCA
VW
CADDY, GOLF, LUPO, POLO, VENTO

Note: Number of ports : 4

550238 - THROTTLE POSITION SENSOR



CITROENPEUGEOT
1920 N0, 95 658 554, 95 658 554 80
FIAT
9565855480

CITROËN
BX, EVASION, JUMPER, XANTIA, ZX
FIAT
DUCATO, ULYSSE
PEUGEOT
205, 306, 309, 405, 806, BOXER

Note: Number of ports : 3, Rotation Direction : Clockwise rotation

550239 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 137
GENERAL MOTORS
90 541 409
OPEL
62 38 391, 62 38 412

OPEL
ASTRA, MERIVA, ZAFIRA
VAUXHALL
ASTRA, MERIVA, VX220

Note: Number of ports : 3



Suitable to:

Used on:

550240 - CRANKSHAFT POSITION SENSOR



FIAT
46479456

FIAT
BARCETTA, BRAVA, BRAVO, COUPE, MAREA,
PUNTO, STILO
LANCIA
DELTA, LYBRA

Note: Height [mm] : 35,Number of ports : 2,Resistance [Ohm] : 640

550241 - CRANKSHAFT POSITION SENSOR



FIAT
7778981

FIAT
PUNTO

Note: Cable Length [mm] : 520,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 550

550242 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
60601207
FIAT
46432909

FIAT
BARCETTA, BRAVA, BRAVO, COUPE, MAREA
LANCIA
DEDRA, DELTA

Note: Cable Length [mm] : 410,Height [mm] : 35,Number of ports : 3,Resistance [Ohm] : 540

550243 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 101 010, 0 232 101 027
VW
078 905 155, 078 905 161 A, 078 905 161 C

AUDI
100, A4, A6, A8, CABRIOLET, COUPE

Note: Number of ports : 3



Suitable to:

Used on:

550244 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 845
FIAT
55206797
HONDA
37830 RBD E01
IVECO
504245257
MAZDA
WE01 18 211
SUZUKI
18590-79G61-000

ALFA ROMEO
147, 159, 166
FIAT
DOBLO, IDEA, MULTIPLA, SEDICI, STILO, STRADA
HONDA
ACCORD, CIVIC, CR-V, FR-V
LANCIA
MUSA, THESIS
MAZDA
BT-50

Note: Number of ports : 4

550245 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 043, 0 232 103 048
FIAT
46798368, 46811121
FORD
1535717, 1564814, 9S51 12297 CA, 9S51 12K073 CA

ALFA ROMEO
GIULIETTA, MITO
FIAT
500, BRAVO, DOBLO, GRANDE PUNTO, IDEA, LINEA, PANDA, PUNTO, SEICENTO, SIENA, STILO
FORD
KA
LANCIA
DELTA, YPSILON

Note: Height [mm] : 28,Number of ports : 3,Resistance [Ohm] : 18k

550246 - KNOCK SENSOR



BOSCH
0 261 231 047
FORD
1029801, 95VW 12A699 AA
VW
021 905 377

FORD
GALAXY
VW
CORRADO, GOLF, PASSAT, SHARAN

Note: Cable Length [mm] : 510,Number of ports : 3

550247 - CAMSHAFT POSITION SENSOR

new



GENERAL MOTORS
90 520 850
OPEL
62 38 079
SIEMENS VDO
5WK96052, S105570001Z

OPEL
ASTRA, OMEGA
VAUXHALL
ASTRA, OMEGA

Note: Number of ports : 3



Suitable to:

Used on:

550248 - THROTTLE POSITION SENSOR



FORD
1053946, 1071403, 988F 9B989 BA, 988F 9B989 BB
PIERBURG
4.02003.15.0

FORD
FIESTA, FOCUS, KA, MAVERICK, MONDEO, PUMA

Note: Number of ports : 3

550249 - THROTTLE POSITION SENSOR



FORD
6667704, 6854782, 928F 9B989 BA, 928F 9B989 CA
PIERBURG
4.02003.08.0

FORD
ESCORT, FIESTA, ORION

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550250 - THROTTLE POSITION SENSOR



FORD
7029017, 938F 9B989 DA
PIERBURG
4.02003.16.0

FORD
GALAXY, SCORPIO, TRANSIT

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550251 - THROTTLE POSITION SENSOR



FORD
1663387, 91SF 9B989 AA

FORD
SIERRA

Note: Number of ports : 3,Rotation Direction : Clockwise rotation



Suitable to:

Used on:

550252 - CAMSHAFT POSITION SENSOR**BOSCH**
0 232 101 035
FIAT
46469912**ALFA ROMEO**
145, 146, 147, 156, 166, GT, GTV, SPIDER**Note:** Cable Length [mm] : 670, Number of ports : 3**550254** - CAMSHAFT POSITION SENSOR

new

**FORD**
1100748, 1253755, 3M21 6B288 AA, XM21 6B288 AA
VW
038 957 147 A, 038 957 147 G, 045 957 147 A,
045 957 147 B**AUDI**
A2, A3
FORD
GALAXY
SEAT
ALHAMBRA, AROSA, CORDOBA, IBIZA, LEON,
TOLEDO
SKODA
FABIA, OCTAVIA, ROOMSTER, ROOMSTER Praktik
VW
BORA, FOX, GOLF, LUPO, MULTIVAN, NEW BEETLE,
POLO, SHARAN, TRANSPORTER**Note:** Cable Length [mm] : 430, Height [mm] : 4.3, Number of ports : 3**550255** - CRANKSHAFT POSITION SENSOR**VW**
021 907 319 B**VW**
GOLF, PASSAT**Note:** Cable Length [mm] : 570, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 550**550256** - CRANKSHAFT POSITION SENSOR**BOSCH**
0 261 210 122
MERCEDES-BENZ
003 153 75 28
SSANGYONG
003 153 75 28**MERCEDES-BENZ**
C-CLASS, COUPE, E-CLASS, G-CLASS, KOMBI,
S-CLASS, Saloon, SL
SSANGYONG
KORANDO, MUSSO**Note:** Height [mm] : 40, Number of ports : 2, Resistance [Ohm] : 1,1 M



Suitable to:

Used on:

550257 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 035
FIAT
46474585

FIAT
BRAVA, BRAVO, MAREA

Note: Number of ports : 4

550258 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39180-4A111
KIA
39180-4A111

KIA
SORENTO

Note: Cable Length [mm] : 235, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 880

550259 - RPM SENSOR, AUTOMATIC TRANSMISSION



CHEVROLET
8941160A030
DAEWOO
8941160A030
FIAT
9947855
GENERAL MOTORS
93 741 836

ALFA ROMEO
156
DAEWOO
LEGANZA
FIAT
BRAVA, BRAVO, MAREA
HYUNDAI
TERRACAN
LANCIA
LYBRA

Note: Height [mm] : 28, Number of ports : 2, Resistance [Ohm] : 400

550260 - CRANKSHAFT POSITION SENSOR



FORD
1S7E 6C315 BA, 4096750, 4541091, 4621599,
5L8E 6C315 AA, 5L8E 6C315 AB, 7103314,
F43E 6C315 AC
MAZDA
GY01 18 221, GY07 18221 A

FORD
COUGAR, MAVERICK, MONDEO
MAZDA
MPV, TRIBUTE

Note: Height [mm] : 37, Number of ports : 2, Resistance [Ohm] : 300



Suitable to:

Used on:

550261 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 090
FORD
1367813, 6M5Y 9F479 AA
VOLVO
8677288

FORD
FOCUS
VOLVO
C30, C70, S40, S60, S80, V50, V70,
XC70 CROSS COUNTRY, XC90

Note: Number of ports : 4

550262 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1110963, YS6A 9F479 AA

FORD
FIESTA

Note: Number of ports : 3

550263 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 073, 0 261 230 074
VW
038 906 051 D

AUDI
A3, A4, A6, TT
SEAT
ALTEA, ALTEA XL, LEON, TOLEDO
SKODA
OCTAVIA, SUPERB
VW
EOS, GOLF, JETTA, PASSAT, PASSAT CC, SCIROCCO

Note: Number of ports : 4

550264 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 133, 0 261 210 269
SAAB
9177221
SCANIA
30561772, 55557326

SAAB
9-3, 9-5, 900

Note: Cable Length [mm] : 560, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 920

550265 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 401
VW
038 906 051 C

AUDI
A2, A3, A4, A5, A6, A8, Q7
SEAT
ALHAMBRA, ALTEA, ALTEA XL, IBIZA, LEON, TOLEDO
SKODA
OCTAVIA, SUPERB
VW
CADDY, CRAFTER 30-35, CRAFTER 30-50, EOS,
GOLF, JETTA, MULTIVAN, PASSAT, PHAETON,
POLO, SHARAN, TIGUAN, TOUAREG, TOURAN,
TRANSPORTER

Note: Number of ports : 4

550266 - SENSOR, INTAKE MANIFOLD PRESSURE



12*308 kPa

BOSCH
0 281 002 438
OPEL
24 420 761, 8 51 365

OPEL
ASTRA, VECTRA, ZAFIRA
VAUXHALL
VECTRA, ZAFIRA

Note: Number of ports : 3

550267 - THROTTLE POSITION SENSOR



BOSCH
0 280 122 009
CITROENPEUGEOT
1628 8V, 72 408 744, 7240 874 400
PIERBURG
4.02003.49.0

CITROËN
XANTIA, XM, XSARA, ZX
LANCIA
ZETA
PEUGEOT
306, 406, 605

Note: Number of ports : 3

550268 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 603
FIAT
46798352
GENERAL MOTORS
93 179 433
OPEL
62 35 664

ALFA ROMEO
147, 156, 159, 166
FIAT
BRAVO, CROMA, DOBLO, GRANDE PUNTO, IDEA,
MULTIPLA, PUNTO, SEDICI, STILO, STRADA
LANCIA
LYBRA, MUSA, THESIS
OPEL
ASTRA, SIGNUM, VECTRA, ZAFIRA
SAAB
9-3
VAUXHALL
SIGNUM, VECTRA, ZAFIRA

Note: Height [mm] : 36, Number of ports : 2, Resistance [Ohm] : 900



Suitable to:

Used on:

550269 - THROTTLE POSITION SENSOR



CITROENPEUGEOT
1628 JX, 1635 Z9, 96 424 732 80

CITROËN
BERLINGO, SAXO
PEUGEOT
206, 307, 406, 607, 806, EXPERT

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550270 - THROTTLE POSITION SENSOR



CITROENPEUGEOT
1920 T8, 96 251 481 80

CITROËN
EVASION, JUMPER, XANTIA, XSARA, ZX
FIAT
DUCATO, ULYSSE
PEUGEOT
106, 306, 405, 406, 806, BOXER

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550271 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 437
FIAT
73503657, 735036570
IVECO
504088431, 73503657
MERCEDES-BENZ
157 153 01 28
OPEL
24 459 853, 62 38 210, 91 58 595, 91 96 671, 93 171 176
SAAB
93171176, 9543901
VW
2R0 906 051 C

ALFA ROMEO
147, 156, 159, BRERA, GT, SPIDER
FIAT
CROMA, DOBLO, DUCATO, GRANDE PUNTO, IDEA,
MULTIPLA, PUNTO, SEDICI, STILO, STRADA
LANCIA
YPSILON
OPEL
ASTRA, CORSA, SIGNUM, VECTRA, ZAFIRA
SAAB
9-3, 9-5
VAUXHALL
ASTRA, CORSA, SIGNUM, VECTRA, ZAFIRA

Note: Number of ports : 4

550272 - CRANKSHAFT POSITION SENSOR



BMW
13 62 7 787 192
BOSCH
0 281 002 477

ALPINA
B7
BMW
1, 3, 5, 6, 7, X3, X5, Z3, Z4

Note: Cable Length [mm] : 210,Height [mm] : 14,Number of ports : 3,Resistance [Ohm] : 13.5 M

Suitable to:

Used on:

550273 - CRANKSHAFT POSITION SENSOR



GENERAL MOTORS
90 508 637
OPEL
12 38 750

OPEL
SINTRA
VAUXHALL
SINTRA

Note: Cable Length [mm] : 830, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 500

550274 - KNOCK SENSOR



FORD
1132002, 1N1A 12A699 AA

FORD
FOCUS, MONDEO, TRANSIT, TRANSIT CONNECT

Note: Number of ports : 2

550275 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 170
MERCEDES-BENZ
003 153 27 28, 003 153 28 28, A 003 153 27 28,
A 003 153 28 28
MITSUBISHI
MN960274, MN960372

MERCEDES-BENZ
A-CLASS, B-CLASS, C-CLASS, CLC-CLASS, CLK, CLS,
E-CLASS, G-CLASS, M-CLASS, R-CLASS, S-CLASS,
SL, SLK, SLR, SLR ROADSTER, SPRINTER,
SPRINTER 2-t, SPRINTER 3-t, V-CLASS, Vaneo,
VIANO, VITO, VITO / MIXTO
MERCEDES-BENZ
CITARO (O 530)
MITSUBISHI
COLT
SMART
FORFOUR

Note: Height [mm] : 40, Number of ports : 2, Resistance [Ohm] : 1 k

550276 - SENSOR, INTAKE MANIFOLD PRESSURE



HONDA
37830 PAA S00

HONDA
ACCORD, CIVIC, CR-V, CRX, HR-V, INTEGRA, LOGO,
PRELUDE, S2000, SHUTTLE
ROVER
400

Note: Number of ports : 3



Suitable to:

Used on:

550277 - RPM SENSOR, ENGINE MANAGEMENT



BMW
12 12 1 725 023

BMW
7, 8

Note: Cable Length [mm] : 340,Number of ports : 3

550279 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 332
CITROENPEUGEOT
1920 CP
IVECO
500343018

FIAT
DUCATO
IVECO
DAILY II

Note: Cable Length [mm] : 600,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 900

550280 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 721 968
BOSCH
0 261 210 047
FIAT
60560715
VW
07C 906 018 H

ALFA ROMEO
164
BENTLEY
CONTINENTAL

Note: Cable Length [mm] : 830,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 520

550281 - CAMSHAFT POSITION SENSOR



GENERAL MOTORS
10 456 592
OPEL
12 36 308

OPEL
ASTRA, MERIVA

Note: Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 1,5 k



Suitable to:

Used on:

550282 - CRANKSHAFT POSITION SENSOR



MITSUBISHI
J5T10171
NISSAN
23731-31U10, 23731-31U11

NISSAN
MAXIMA QX

Note: Height [mm] : 23,Number of ports : 2,Resistance [Ohm] : 540

550283 - CRANKSHAFT POSITION SENSOR



SUBARU
22053-AA040, 22053-AA050, 22053-AA051,
22053-AA052

SUBARU
FORESTER, IMPREZA

Note: Height [mm] : 26,Number of ports : 2,Resistance [Ohm] : 1.9 k

550284 - KNOCK SENSOR



DAEWOO
96 253 545
GENERAL MOTORS
96 253 545
OPEL
48 05 506

CHEVROLET
AVEO, EPICA, EVANDA, KALOS, LACETTI, MATIZ,
NUBIRA, REZZO
DAEWOO
KALOS, LACETTI, LANOS, LEGANZA, MATIZ, NUBIRA,
REZZO
KIA
SHUMA
OPEL
ANTARA

Note: Cable Length [mm] : 355,Number of ports : 3

550285 - KNOCK SENSOR



HYUNDAI
39250-23010
KIA
0K01D-18-921

HYUNDAI
COUPE, LANTRA
KIA
RETONA, SPORTAGE

Note: Cable Length [mm] : 230,Number of ports : 3



Suitable to:

Used on:

550286 - KNOCK SENSOR



BOSCH
0 261 231 071
CITROENPEUGEOT
5946 15, 5946 17, 96 127 657
HYUNDAI
39250-22010

ALFA ROMEO
156
CITROËN
XANTIA, XM, ZX
FIAT
BRAVA, BRAVO, COUPE, MAREA, PUNTO
HYUNDAI
ACCENT, LANTRA, S COUPE
LANCIA
KAPPA, THEMA, Y, ZETA
OPEL
FRONTERA
PEUGEOT
306, 406, 605, 607
RENAULT
ESPACE, LAGUNA, SAFRANE
VOLVO
760

Note: Cable Length [mm] : 375,Number of ports : 3

550287 - KNOCK SENSOR



HYUNDAI
39250-22600

HYUNDAI
ACCENT

Note: Cable Length [mm] : 345,Number of ports : 2

550288 - CAMSHAFT POSITION SENSOR



BOSCH
0 281 002 406
HONDA
37841 RBD E010, 37841 RBD E010 M4
ISUZU
8-97306-560-1
TOYOTA
90080 19026
VW
057 130 767

TOYOTA
AURIS, COROLLA, YARIS, YARIS VERSO

Note: Height [mm] : 24,Number of ports : 3

550289 - SPEED SENSOR



FORD
1062545, 1066383, 1079388, 1085854, 1087548,
98AB 9E731 AC, 98AB 9E731 AD, 98AB 9E731 AE,
98AB 9E731 AF, 98AB 9E731 AG
MAZDA
C202 21551, C202 21551 Z01

FORD
FIESTA, FOCUS, FOCUS C-MAX, FUSION
MAZDA
2

Note: Number of ports : 3



Suitable to:

Used on:

550290 - CAMSHAFT POSITION SENSOR



FORD
1F1E 6B288 AA, 1F1E 6B288 AB, 3724887,
4094767, 4469196, 7103313, F43E 6B288 AA,
XS2E 6B288 AA
MAZDA
GY01 18 230, GY07 18230 A

FORD
COUGAR, MAVERICK, MONDEO
MAZDA
MPV, TRIBUTE

Note: Height [mm] : 37,Number of ports : 2,Resistance [Ohm] : 330

550291 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 040
FORD
1222677, 2S7G1 2K073 AA
PORSCHE
996 606 106 03

FORD
MONDEO
PORSCHE
911, BOXSTER, CARRERA GT

Note: Height [mm] : 24,Number of ports : 3

550292 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 052
FIAT
55187973
FORD
1319158, 4M5G 12K073 AA
HYUNDAI
39300-27400
OPEL
93 183 528
VOLVO
30658182

ALFA ROMEO
159, BRERA, SPIDER
FORD
FIESTA, FOCUS, FOCUS C-MAX, MONDEO
LAND ROVER
RANGE ROVER, RANGE ROVER SPORT
OPEL
AGILA, ASTRA, COMBO, CORSA, MERIVA, TIGRA
VAUXHALL
AGILA, ASTRA, COMBO, CORSA, MERIVA, TIGRA
VOLVO
C30, S40, S80, V50, V70

Note: Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 320 k

550293 - CAMSHAFT POSITION SENSOR



FORD
1037605, 978F 12K073 BA

FORD
FOCUS

Note: Height [mm] : 30,Number of ports : 2,Resistance [Ohm] : 370



Suitable to:

Used on:

550294 - KNOCK SENSOR



FORD
1141998, 98MF 12A699 BA
VOLVO
30711662, 30711662 A

FORD
FIESTA, FOCUS

Note: Cable Length [mm] : 435,Number of ports : 2

550295 - KNOCK SENSOR



FORD
1119941, 1358032, 1S7A 12A699 BA, 1S7A 12A699 BB
MAZDA
30757381-AA, LF01 18921, LF01 18921 Z 05
VOLVO
30658180, 30658180 A, 30757381

FORD
FOCUS, FOCUS C-MAX, GALAXY, MONDEO, S-MAX,
TRANSIT
MAZDA
3, 5, 6, MPV, MX-5

Note: Cable Length [mm] : 257,Number of ports : 2

550296 - KNOCK SENSOR



FORD
1068159, 98MF 12A699 AB
MAZDA
AJ03 18921

FORD
FOCUS
MAZDA
2

Note: Cable Length [mm] : 435,Number of ports : 2

550297 - KNOCK SENSOR



FORD
1112979, YS6A 12A699 AA

FORD
FIESTA

Note: Cable Length [mm] : 435,Number of ports : 2

Suitable to:

Used on:

550298 - KNOCK SENSOR



FORD
1357496, 1362065, 1374710, 4M51 12A699 AA,
4M51 12A699 AB, 4M51 12A699 BA

FORD
C-MAX, FOCUS, FOCUS C-MAX, GALAXY, MONDEO,
S-MAX, TOURNEO CONNECT, TRANSIT CONNECT

Note: Cable Length [mm] : 310, Number of ports : 2

550300 - CRANKSHAFT POSITION SENSOR



FORD
6181945, 7390774, 87YF 6C315 AA, V93HF 6C315 AA

FORD
SIERRA

Note: Height [mm] : 40,5, Number of ports : 2, Resistance [Ohm] : 430

550301 - THROTTLE POSITION SENSOR



BOSCH
0 280 122 014
HYUNDAI
35170-22600
NISSAN
22620-1F700
OPEL
90 530 439, 90 541 502
PIERBURG
4,02003,53.0
SAAB
9181538

HYUNDAI
ACCENT, COUPE, ELANTRA, GETZ, MATRIX, TRAJET,
TUCSON
NISSAN
MICRA
OPEL
ASTRA, CORSA, OMEGA, VECTRA
SAAB
9-3, 900, 9000
VAUXHALL
ASTRA, CORSA, OMEGA, VECTRA

Note: Number of ports : 3

550303 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 052
FIAT
46769979
MASERATI
CA0075738A
PORSCHE
9R4 606 205 00

ALFA ROMEO
156
LANCIA
THESIS

Note: Number of ports : 3



Suitable to:

Used on:

550304 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1648138, E6EF 9F479 A2A

FORD
TRANSIT

Note: Number of ports : 3

550305 - KNOCK SENSOR



BOSCH
0 261 231 173
FIAT
55187820
OPEL
24 420 696, 93 177 171
PORSCHE
997 606 121 00
SCANIA
1789360

ALFA ROMEO
GT, MITO
FIAT
500, BRAVA, BRAVO, GRANDE PUNTO, IDEA, LINEA, PANDA, PUNTO, STILO
LANCIA
DELTA, MUSA, THESIS, Y, YPSILON
OPEL
AGILA, ASTRA, COMBO, CORSA, INSIGNIA, MERIVA, TIGRA
PORSCHE
911, BOXSTER, CAYENNE, CAYMAN
VAUXHALL
AGILA, ASTRA, COMBO, CORSA, MERIVA, TIGRA

Note: Number of ports : 2

550306 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 238
FIAT
46815160

ALFA ROMEO
MITO
FIAT
500, BRAVO, GRANDE PUNTO, IDEA, LINEA, PANDA, PUNTO, STILO
LANCIA
DELTA, MUSA, YPSILON

Note: Height [mm] : 34,5, Number of ports : 2, Resistance [Ohm] : 900

550307 - CAMSHAFT POSITION SENSOR



HYUNDAI
39350-23010

HYUNDAI
COUPE, LANTRA

Note: Cable Length [mm] : 125, Height [mm] : 28, Number of ports : 3



Suitable to:

Used on:

550308 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39180-37150, 39180-37200

HYUNDAI
SANTA FÉ, SONATA

Note: Cable Length [mm] : 205, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 2 M

550309 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 486
ISUZU
8-97226-992-0, 8-97226-992-1, 8-97378-846-0

Note: Cable Length [mm] : 235, Height [mm] : 36, Number of ports : 3, Resistance [Ohm] : 900

550310 - SPEED SENSOR



FORD
1068171, 1197901, 98AB 9E731 BA, 98AB 9E731 BB

FORD
FOCUS, KA, TRANSIT CONNECT

Note: Cable Length [mm] : 315, Number of ports : 3, Resistance [Ohm] : 15.3 k

550311 - SPEED SENSOR



FORD
1143943, 3702615, 95BB 9E731 BA, 95BB 9E731 BB
MAZDA
1E03 55475 B

FORD
COUGAR, ESCORT, FIESTA

Note: Cable Length [mm] : 415, Number of ports : 3, Resistance [Ohm] : 15 k



Suitable to:

Used on:

550312 - SPEED SENSOR



FORD
6191991, 6193226, 7079284, 7126713, 7151110,
7151111, 7151113, 90BB 9E731 CA, 90BB 9E731 CB,
90BB 9E731 CC, 90BB 9E731 CD, 94BB 9E731 AA,
94BB 9E731 BA, 94BB 9E731 DA

FORD
ESCORT, FIESTA, KA, MONDEO, ORION, SIERRA

Note: Cable Length [mm] : 550,Number of ports : 3,Resistance [Ohm] : 15.4k

550313 - CRANKSHAFT POSITION SENSOR



FORD
1048905, 1057051, 1066382, 1136248, 97BB 9E731 AB,
97BB 9E731 AC, 97BB 9E731 AD, 97BB 9E731 AE
MAZDA
8A03 4378S C
VOLVO
8691099, 8691099 A

FORD
COUGAR, FOCUS, MONDEO

Note: Height [mm] : 37.5,Number of ports : 3,Resistance [Ohm] : 15 k

550314 - CRANKSHAFT POSITION SENSOR



FORD
2S6T 9E731 AA, 2S6T 9E731 AB, 4533778, 4583104
LAND ROVER
YBE500020

FORD
TRANSIT

Note: Height [mm] : 34,Number of ports : 3,Resistance [Ohm] : 1M

550315 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
96 643 872 80
FORD
1517990, 8S6Q 9E731 AA
MAZDA
Y603 18221, Y603 18221 Z01
MITSUBISHI
MN982334
TOYOTA
SU001-00873
VOLVO
31216677, 31216677 AA

FORD
C-MAX, FIESTA
MITSUBISHI
OUTLANDER
TOYOTA
AYGO

Note: Number of ports : 3



Suitable to:

Used on:

550316 - CRANKSHAFT POSITION SENSOR



FORD
1012923, 6171849, 88BB 9E731 AB, 95GB 9E731 EA

FORD
SCORPIO

Note: Cable Length [mm] : 170,Number of ports : 3

550317 - SPEED SENSOR



FORD
7203354, 95VW 9E731 AA
VW
7M0 919 149

FORD
GALAXY

Note: Number of ports : 3

550318 - SPEED SENSOR



FORD
1012932, 6171850, 88BB 9E731 BB, 95GB 9E731 FA

FORD
SIERRA

Note: Cable Length [mm] : 170,Number of ports : 3

550319 - SPEED SENSOR



FORD
1021991, 6191990, 6700279, 7217010, 90BB 9E731 BA,
90BB 9E731 BB, 90BB 9E731 BC, 95GB 9E731 DA

FORD
SCORPIO, SIERRA, TRANSIT

Note: Cable Length [mm] : 175,Number of ports : 3



Suitable to:

Used on:

550321 - CRANKSHAFT POSITION SENSOR



CITROENPEUGEOT
96 436 957 80
FORD
1231925, 3M5Q 9E731 AA
VOLVO
8653703, 8653703-A

FORD
C-MAX, FOCUS C-MAX, GALAXY, MONDEO

Note: Number of ports : 3

550322 - CRANKSHAFT POSITION SENSOR



FORD
1021992, 6191989, 6700278, 7217009, 90BB 9E731 AA,
90BB 9E731 AB, 90BB 9E731 AC, 95GB 9E731 CA

FORD
SCORPIO, SIERRA, TRANSIT

Note: Cable Length [mm] : 175,Number of ports : 3

550323 - SPEED SENSOR



FORD
1064452, 1202203, 6191992, 6700280, 90GB 9E731 AA,
90GB 9E731 AB, 95BB 9E731 AB, 95BB 9E731 AC
MAZDA
8A01 4378S A

FORD
COUGAR

Note: Cable Length [mm] : 250,Number of ports : 3

550324 - SPEED SENSOR



FORD
7203355, 95VW 9E731 BA
VW
357 919 149

AUDI
A2, A3
FORD
GALAXY
SEAT
ALHAMBRA, AROSA, CORDOBA, IBIZA, INCA
SKODA
OCTAVIA
VW
CADDY, GOLF, LUPO, NEW BEETLE, PASSAT, POLO,
SHARAN, TRANSPORTER, VENTO

Note: Number of ports : 3

550325 - SENSOR, INTAKE MANIFOLD PRESSURE



GENERAL MOTORS
93 232 415
HYUNDAI
39330-26300

HYUNDAI
ACCENT

Note: Number of ports : 4

550327 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 662
MAN
51 27120 7038
OPEL
55 354 601, 62 38 050, 93 179 850

MAN
TGA, TGL, TGM, TGX
OPEL
SIGNUM, VECTRA, ZAFIRA
VAUXHALL
SIGNUM, VECTRA

Note: Height [mm] : 34,5,Number of ports : 2,Resistance [Ohm] : 950

550328 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 027, 0 232 103 037
MERCEDES-BENZ
003 153 83 28, 004 153 07 28, 004 153 69 28
PORSCHE
996 606 106 01
VW
0B8 927 321

MERCEDES-BENZ
CLK, E-CLASS, M-CLASS, S-CLASS, SL, VIANO, VITO,
VITO / MIXTO
PORSCHE
BOXSTER

Note: Height [mm] : 24,Number of ports : 3

550329 - CAMSHAFT POSITION SENSOR



HYUNDAI
39310-38050
KIA
39310-38050
MITSUBISHI
J005T23071A, J5T23071A

HYUNDAI
ATOS, ATOS PRIME, GETZ, H-1, SANTA FÉ, SANTRO,
SONATA
KIA
MAGENTIS, PICANTO, SORENTO

Note: Height [mm] : 27,Number of ports : 3,Resistance [Ohm] : 13 M



Suitable to:

Used on:

550330 - SENSOR, INTAKE MANIFOLD PRESSURE



MAZDA
KL47 18 211A

MAZDA
3, 323 S, 6, 626, DEMIO, PREMACY, RX 8, XEDOS 9

Note: Number of ports : 3

550331 - KNOCK SENSOR



MAZDA
B595-18-921

MAZDA
323 P, 323 S, DEMIO

Note: Cable Length [mm] : 360, Height [mm] : 12, Number of ports : 1

550332 - KNOCK SENSOR



MAZDA
FSD7 18 921C

MAZDA
626

Note: Cable Length [mm] : 310, Height [mm] : 12, Number of ports : 1

550333 - KNOCK SENSOR



MITSUBISHI
MD131681

MITSUBISHI
COLT, GALANT, LANCER

Note: Cable Length [mm] : 290, Height [mm] : 12, Number of ports : 2



Suitable to:

Used on:

550334 - KNOCK SENSOR



mitsubishi
MD304932

mitsubishi
CARISMA, COLT, LANCER, SPACE STAR

Note: Cable Length [mm] : 375,Height [mm] : 12,Number of ports : 2

550335 - KNOCK SENSOR



mitsubishi
MD304933

mitsubishi
CARISMA, ECLIPSE, GALANT, SPACE RUNNER

Note: Cable Length [mm] : 375,Height [mm] : 12,Number of ports : 2

550336 - KNOCK SENSOR



mitsubishi
MD173144

mitsubishi
COLT, GALANT, SPACE RUNNER, SPACE WAGON

Note: Cable Length [mm] : 275,Height [mm] : 12,Number of ports : 2

550337 - KNOCK SENSOR



mitsubishi
MD184950

mitsubishi
COLT, LANCER, PAJERO PININ

Note: Cable Length [mm] : 275,Height [mm] : 12,Number of ports : 2



Suitable to:

Used on:

550338 - SENSOR, INTAKE MANIFOLD PRESSURE



MITSUBISHI
E001T42171, E1T42171, MD355556

MITSUBISHI
COLT, SPACE STAR

Note: Number of ports : 4

550339 - KNOCK SENSOR



MAZDA
GY02 18 921A

MAZDA
MPV

Note: Cable Length [mm] : 360, Height [mm] : 14, Number of ports : 2

550340 - KNOCK SENSOR



MAZDA
ZJ01 18 921

MAZDA
3

Note: Cable Length [mm] : 440, Height [mm] : 12, Number of ports : 1

550341 - KNOCK SENSOR



MAZDA
ZL02 18 921

MAZDA
323 S

Note: Cable Length [mm] : 355, Height [mm] : 12, Number of ports : 1



Suitable to:

Used on:

550342 - CRANKSHAFT POSITION SENSOR



mitsubishi
J005T10771, J5T10771
SUZUKI
33220-70E00

SUZUKI
BALENO, GRAND VITARA, SWIFT, WAGON R+, X-90

Note: Height [mm] : 11.5, Number of ports : 2

550343 - CRANKSHAFT POSITION SENSOR



mitsubishi
J005T11071, J5T11071
SUZUKI
33220-78A00

SUZUKI
CARRY

Note: Height [mm] : 25, Number of ports : 2

550344 - CRANKSHAFT POSITION SENSOR



MAZDA
KL01 18 221
MITSUBISHI
J5T15071

MAZDA
323 F, 626, MX-3, MX-6, XEDOS 6

Note: Cable Length [mm] : 350, Height [mm] : 17, Number of ports : 3, Resistance [Ohm] : 550

550345 - CRANKSHAFT POSITION SENSOR



MAZDA
FSD7 18 221B
MITSUBISHI
J005T15171, J5T15171

MAZDA
323 S, 626, MPV, PREMACY

Note: Cable Length [mm] : 430, Height [mm] : 26.5, Number of ports : 3



Suitable to:

Used on:

550346 - CRANKSHAFT POSITION SENSOR



MITSUBISHI
J005T20171A, J5T20171A, MR560132

MITSUBISHI
CARISMA, COLT, LANCER, PAJERO PININ,
SPACE STAR

Note: Number of ports : 3

550347 - CAMSHAFT POSITION SENSOR



MITSUBISHI
J005T23191, J5T23191
SUZUKI
33220-50G02

SUBARU
JUSTY
SUZUKI
BALENO, GRAND VITARA, IGNIS

Note: Height [mm] : 27,Number of ports : 3

550348 - CAMSHAFT POSITION SENSOR



MAZDA
ZJ01 18 230

MAZDA
3

Note: Height [mm] : 27,Number of ports : 3

550349 - CAMSHAFT POSITION SENSOR



SUZUKI
33220-76G02

SUZUKI
CARRY, SUPER CARRY, WAGONR+

Note: Height [mm] : 27,Number of ports : 3



Suitable to:

Used on:

550350 - CRANKSHAFT POSITION SENSOR



mitsubishi
J005T23891, J5T23891
Subaru
33220-80G00
Suzuki
33220-80G00

Subaru
JUSTY
Suzuki
IGNIS, JIMNY, LIANA, WAGON R+

Note: Height [mm] : 27,Number of ports : 3

550351 - CRANKSHAFT POSITION SENSOR



mitsubishi
MD357274

mitsubishi
PAJERO

Note: Cable Length [mm] : 900,Number of ports : 3

550352 - CRANKSHAFT POSITION SENSOR



mitsubishi
MR560276

mitsubishi
COLT, LANCER

Note: Cable Length [mm] : 700,Number of ports : 3

550353 - CRANKSHAFT POSITION SENSOR



mitsubishi
J005T26273, J5T26273,MR420734

mitsubishi
COLT, LANCER, SPACE STAR

Note: Cable Length [mm] : 370,Number of ports : 3



Suitable to:

Used on:

550354 - CRANKSHAFT POSITION SENSOR



MAZDA
ZL01 18 221A
MITSUBISHI
J005T27072, J5T27072

MAZDA
323 F, 323 S, DEMIO

Note: Cable Length [mm] : 355, Number of ports : 3

550355 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39180-23500, 39180-23910

HYUNDAI
COUPE, ELANTRA, MATRIX, TRAJET, TUCSON
KIA
CARENS, CERATO, SPORTAGE

Note: Height [mm] : 24, Number of ports : 3

550356 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39310-38060
KIA
39310-38060

HYUNDAI
SONATA, TRAJET
KIA
MAGENTIS

Note: Cable Length [mm] : 910, Height [mm] : 14,5, Number of ports : 3

550357 - CRANKSHAFT POSITION SENSOR



KIA
0K30A-18-891

KIA
CARNIVAL, RIO

Note: Cable Length [mm] : 195, Height [mm] : 24, Number of ports : 3



Suitable to:

Used on:

550358 - CAMSHAFT POSITION SENSOR



KIA
0K013-18-13A, 0K013-18-13X

KIA
SPORTAGE

Note: Cable Length [mm] : 140, Height [mm] : 20,5, Number of ports : 3

550359 - THROTTLE POSITION SENSOR



VW
027 998 385 1

VW
CADDY, GOLF, POLO

Note: Number of ports : 3, Rotation Direction : Anti-clockwise rotation

550360 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 215
FIAT
46468682

ALFA ROMEO
145, 146, 147, 156, 166
FIAT
BRAVA, BRAVO, MAREA, MULTIPLA, PUNTO
LANCIA
KAPPA, LYBRA

Note: Number of ports : 3

550361 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 145
VW
06A 906 433 A, 06A 906 433 E

AUDI
A4, A6, A8
VW
PHAETON

Note: Cable Length [mm] : 310, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 950



Suitable to:

Used on:

550362 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 020
HONDA
37830 PDF E01
SAAB
5167895
SCANIA
5167895
VW
270 600 001

HONDA
ACCORD
SAAB
9-3

Note: Number of ports : 3

550363 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 071
VW
036 906 051 E

VW
LUPO

Note: Number of ports : 4

550364 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 042
FIAT
46769978
GENERAL MOTORS
90 423 637, 93 170 309
IVECO
504064370
OPEL
12 38 244
PIERBURG
7.18222.12.0
PORSCHE
955 606 180 00, 996 606 180 00
SAAB
90423637

LANCIA
THEISIS
OPEL
ASTRA, CORSA, INSIGNIA, SIGNUM, SPEEDSTER,
VECTRA, ZAFIRA
PORSCHE
911, CAYENNE
SAAB
9-3
VAUXHALL
ASTRA, ASTRA TwinTop, CORSA, INSIGNIA, SIGNUM,
VECTRA, VX220, ZAFIRA

Note: Number of ports : 4

550365 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 095, 0 261 230 096
VW
027 998 041 1, 03C 906 051

AUDI
A3, A4, A5, A6, A6 Allroad, A8, Q5
SEAT
ALTEA, ALTEA XL, CORDOBA, IBIZA, LEON
SKODA
FABIA, OCTAVIA, ROOMSTER
VW
CADDY, EOS, FOX, GOLF, JETTA, NEW BEETLE,
PASSAT, POLO, SPACEFOX, TOURAN

Note: Number of ports : 4



Suitable to:

Used on:

550366 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 281 002 394
VW
038 906 051 A

SEAT
LEON, TOLEDO
VW
BORA, GOLF

Note: Number of ports : 4

550367 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 009
FIAT
46433054
GENERAL MOTORS
90 499 610, 91 177 63
OPEL
62 38 084

OPEL
ASTRA, FRONTERA, SINTRA, SPEEDSTER, ZAFIRA
VAUXHALL
ASTRA, ASTRA TwinTop, FRONTERA, SINTRA, ZAFIRA

Note: Number of ports : 3

550368 - CRANKSHAFT POSITION SENSOR



HONDA
37840 PL2 026

HONDA
LEGEND

Note: Cable Length [mm] : 280,Number of ports : 4

550369 - CAMSHAFT POSITION SENSOR



MERCEDES-BENZ
002 153 95 28, A 002 153 95 28
SSANGYONG
002 153 95 28

MERCEDES-BENZ
C-CLASS, CABRIOLET, COUPE, E-CLASS, G-CLASS,
KOMBI, S-CLASS, Saloon, SL
SSANGYONG
KORANDO

Note: Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 1.1 k



Suitable to:

Used on:

550370 - CRANKSHAFT POSITION SENSOR



FIAT
55187380, 55229700
FORD
1535716, 1564811, 9S51 9E731 BA

FIAT
500, DOBLO, GRANDE PUNTO, IDEA, LINEA, PALIO,
PANDA, PUNTO
FORD
KA
LANCIA
MUSA, YPSILON

Note: Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 1.1

550371 - CRANKSHAFT POSITION SENSOR



FORD
1206797, 2S71 7H103 AA

FORD
MONDEO

Note: Height [mm] : 30,Number of ports : 2,Resistance [Ohm] : 570

550372 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 222
VW
078 906 433 A

AUDI
A4, A6, A8, ALLROAD
SKODA
SUPERB
VW
PASSAT

Note: Cable Length [mm] : 740,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 930

550373 - RPM SENSOR, AUTOMATIC TRANSMISSION



FORD
3043998, 4617387, 4882780, 5S4P 7H103 AA,
8S4P 7H103 AA, XS4P 7H103 AB

FORD
C-MAX, FIESTA, FOCUS, FOCUS C-MAX, GALAXY

Note: Height [mm] : 29,Number of ports : 2,Resistance [Ohm] : 870



Suitable to:

Used on:

550374 - RPM SENSOR, AUTOMATIC TRANSMISSION



FORD
3023785, 4628032, 6L8P 7H103 AA, F8RP 7H103 AA

FORD
COUGAR, MONDEO

Note: Height [mm] : 37,Number of ports : 2,Resistance [Ohm] : 680

550375 - CRANKSHAFT POSITION SENSOR



ALFA ROMEO
195321101900, 605132080
BOSCH
0 261 210 036
FIAT
60513208
IVECO
5162472
KHD
419 9334

ALFA ROMEO
145, 164, 33, 75, GTV, RZ, SPIDER, SZ

Note: Cable Length [mm] : 640,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 540

550376 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 194, 0 261 210 215
VW
030 957 147 F, 030 957 147 K

SEAT
LEON, TOLEDO
VW
BORA, GOLF

Note: Cable Length [mm] : 535,Height [mm] : 10,Number of ports : 3,Resistance [Ohm] : 1,8 M

550377 - SPEED SENSOR



new

RENAULT
77 00 418 919
VALEO
255301

RENAULT
CLIO, ESPACE, LAGUNA, MEGANE, SCÉNIC

Note: Number of ports : 3



Suitable to:

Used on:

550378 - SPEED SENSOR



RENAULT
77 00 414 695, 77 00 425 250, 77 00 810 043
VALEO
255302

RENAULT
19, 21, CLIO, ESPACE, MEGANE

Note: Number of ports : 3

550379 - SPEED SENSOR

new



DACIA
60 01 548 870
RENAULT
60 01 548 870

DACIA
LOGAN, SANDERO

Note: Number of ports : 3

550383 - SENDER UNIT, INTAKE AIR TEMPERATURE



CITROENPEUGEOT
1920 PJ, 1920 JL
FIAT
9655432780, 9664612580
MINI
13 62 7 794 982
TOYOTA
SU001-00839
VOLVO
30777255, 31216702

CITROËN
BERLINGO, C-CROSSER, C1, C2, C3, C3 Picasso, C4, C4 Grand Picasso, C4 Picasso, C5, C6, C8, JUMPY, NEMO, XSARA PICASSO
FIAT
SCUDO, ULYSSE
FORD
C-MAX, FIESTA, FOCUS, FOCUS C-MAX, FUSION, GALAXY, KUGA, MONDEO, S-MAX
LANCIA
PHEDRA
MINI
MINI, MINI CLUBMAN
PEUGEOT
1007, 107, 206, 206+, 207, 207 CC, 207 SW, 3008, 307, 308, 308 CC, 308 SW, 4007, 407, 607, 807, BIPPER, EXPERT, EXPERT Tepee, PARTNER, PARTNER Tepee
TOYOTA
AYGO
VOLVO
C30, C70, S40, S80, V50, V70

Note: Number of ports : 2

550384 - SENDER UNIT, INTAKE AIR TEMPERATURE



BOSCH
0 280 130 039
CITROENPEUGEOT
1920 C5

CITROËN
AX, BX, XM, ZX
PEUGEOT
106, 205, 306, 309, 405, 605

Note: Number of ports : 2



Suitable to:

Used on:

550385 - SENDER UNIT, INTAKE AIR TEMPERATURE



RENAULT
82 00 164 249, 82 00 833 248

DACIA
LOGAN, LOGAN MCV
NISSAN
ALMERA, KUBISTAR, MICRA, NOTE
RENAULT
CLIO, KANGOO, LOGAN, MEGANE, MODUS, SCÉNIC,
TWINGO

Note: Number of ports : 2

550386 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



CITROENPEUGEOT
1920 4G, 1920 8Y, 1920 9F, 96 201 828 80
FIAT
9463327680, 9627389680
GENERAL MOTORS
93161007
NISSAN
22630-00QAA, 22630-00QAC, 22630-BN701
OPEL
44 12 325
RENAULT
82 00 415 409, 82 00 454 482

CITROËN
C4, C5, C6, C8, EVASION, JUMPY, SAXO, XANTIA, XM,
XSARA, XSARA PICASSO
DACIA
LOGAN, LOGAN MCV
FIAT
SCUDO, ULYSSE
LANCIA
PHEDRA, ZETA
NISSAN
ALMERA, KUBISTAR, MICRA, NOTE, PRIMASTAR
PEUGEOT
206, 307, 406, 407, 607, 806, 807, EXPERT
RENAULT
CLIO, ESPACE, KANGOO, LAGUNA, LOGAN, MEGANE,
MODUS, SCÉNIC, TWINGO, VEL SATIS

Note: Number of ports : 2

550387 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



CITROENPEUGEOT
1920 6C
RENAULT
77 01 055 723

CITROËN
SAXO, XSARA, XSARA PICASSO
NISSAN
KUBISTAR
PEUGEOT
206, 306
RENAULT
CLIO, KANGOO, TWINGO

Note: Number of ports : 2

550388 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 257
VW
030 957 147 S

SEAT
CORDOBA, IBIZA
SKODA
FABIA
VW
POLO

Note: Cable Length [mm] : 400, Height [mm] : 10, Number of ports : 3



Suitable to:

Used on:

550390 - SENSOR, INTAKE MANIFOLD PRESSURE

new



CHEVROLET
96 333 468
DAEWOO
96 333 468

DAEWOO
MATIZ

Note: Number of ports : 3

550391 - SENSOR, INTAKE MANIFOLD PRESSURE



CHEVROLET
96 325 870
DAEWOO
96 325 870
GENERAL MOTORS
96 325 870

CHEVROLET
AVEO, MATIZ
DAEWOO
KALOS, MATIZ

Note: Number of ports : 3

550392 - SENSOR, INTAKE MANIFOLD PRESSURE



CHEVROLET
96 482 570
DAEWOO
96 482 570
GENERAL MOTORS
96 482 570

CHEVROLET
CAPTIVA, EPICA, EVANDA, LACETTI, NUBIRA

Note: Cable Length [mm] : 167,Number of ports : 3

550394 - SENSOR, INTAKE MANIFOLD PRESSURE



HYUNDAI
39300-22600, 39300-38110
KIA
39300-22600, 39300-38110

HYUNDAI
ACCENT, ATOS, ATOS PRIME, COUPE, ELANTRA,
GETZ, MATRIX, SANTA FÉ, SONATA, TRAJET

Note: Number of ports : 4

Suitable to:

Used on:

550395 - SENSOR, INTAKE MANIFOLD PRESSURE



KIA
0K30E-18-211A

KIA
RIO, SHUMA

Note: Number of ports : 4

550396 - KNOCK SENSOR



HYUNDAI
39250-26600
KIA
39250-26600

HYUNDAI
ACCENT, COUPE, ELANTRA, GETZ, MATRIX
KIA
CERATO

Note: Cable Length [mm] : 225, Number of ports : 2

550397 - KNOCK SENSOR



KIA
0K0AF-18-921

KIA
CARENS, CARNIVAL, RIO, SHUMA

Note: Cable Length [mm] : 300, Number of ports : 2

550398 - THROTTLE POSITION SENSOR



HYUNDAI
35102-38610
KIA
35102-38610

HYUNDAI
SANTA FÉ, TRAJET

Note: Number of ports : 3, Rotation Direction : Clockwise rotation



Suitable to:

Used on:

550399 - THROTTLE POSITION SENSOR



HYUNDAI
35170-37100
KIA
35170-37100

HYUNDAI
ATOS, ATOS PRIME, COUPE, H-1, SONATA, TRAJET,
TUCSON, XG

Note: Number of ports : 3,Rotation Direction : Anti-clockwise rotation

550400 - THROTTLE POSITION SENSOR



CHEVROLET
93 740 916
DAEWOO
93 740 916

DAEWOO
MATIZ

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550401 - CRANKSHAFT POSITION SENSOR



CHEVROLET
96 325 867
DAEWOO
96 325 867

CHEVROLET
AVEO, MATIZ
DAEWOO
KALOS, MATIZ

Note: Height [mm] : 24,Number of ports : 3

550402 - CRANKSHAFT POSITION SENSOR



CHEVROLET
96 325 868
DAEWOO
96 325 868

CHEVROLET
AVEO, MATIZ
DAEWOO
KALOS, MATIZ

Note: Cable Length [mm] : 270,Height [mm] : 38,Number of ports : 3,Resistance [Ohm] : 550



Suitable to:

Used on:

550403 - CAMSHAFT POSITION SENSOR



HYUNDAI
22330-38002
KIA
22330-38002

HYUNDAI
H-1, SANTA FÉ, TRAJET

Note: Cable Length [mm] : 280, Number of ports : 4

550404 - CAMSHAFT POSITION SENSOR



KIA
OK30E-18-131B

KIA
CARENS, CARNIVAL, RIO, SHUMA

Note: Cable Length [mm] : 240, Height [mm] : 28,5, Number of ports : 3

550405 - CAMSHAFT POSITION SENSOR



CHEVROLET
96 253 544
DAEWOO
96 253 544

CHEVROLET
AVEO, LACETTI
DAEWOO
KALOS, NUBIRA, REZZO

Note: Number of ports : 3

550406 - SENDER UNIT, INTAKE AIR TEMPERATURE



CHEVROLET
96 253 552
DAEWOO
96 253 552

DAEWOO
LACETTI, NUBIRA, REZZO

Note: Number of ports : 2



Suitable to:

Used on:

550407 - SENDER UNIT, INTAKE AIR TEMPERATURE



CHEVROLET
96 279 856
DAEWOO
96 279 856

CHEVROLET
AVEO, KALOS, MATIZ
DAEWOO
KALOS, MATIZ

Note: Number of ports : 2

550408 - CRANKSHAFT POSITION SENSOR



HYUNDAI
39180-27000
KIA
39180-27000

HYUNDAI
ACCENT, ELANTRA, GETZ, MATRIX, TRAJET, TUCSON

Note: Cable Length [mm] : 435, Height [mm] : 36, Number of ports : 3, Resistance [Ohm] : 900

550409 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



RENAULT
82 00 415 410

DACIA
LOGAN, LOGAN MCV
NISSAN
ALMERA, KUBISTAR, MICRA, NOTE
RENAULT
CLIO, KANGOO, LOGAN, MEGANE, MODUS, SCÉNIC,
TWINGO

Note: Colour : Red, Number of ports : 2

550411 - CAMSHAFT POSITION SENSOR

new



RENAULT
77 01 040 781
VALEO
2576035

RENAULT
CLIO, ESPACE, LAGUNA, MEGANE, SCÉNIC

Note: Height [mm] : 27, Number of ports : 3

550412 - SENSOR, INTAKE MANIFOLD PRESSURE

new



BOSCH
0 261 230 119, 0 261 230 120
FORD
1338678, 4M51 9F479 AA

FORD
C-MAX, FOCUS, FOCUS C-MAX, GALAXY, MONDEO, S-MAX

Note: Number of ports : 3

550413 - SENSOR, INTAKE MANIFOLD PRESSURE



BOSCH
0 261 230 224, 0 261 230 225
FORD
1503280, 6C11 9F479 AB

FORD
TRANSIT, TRANSIT TOURNEO

Note: Number of ports : 4

550414 - THROTTLE POSITION SENSOR



FORD
1669755, V93HF 9B989 BA

FORD
ESCORT, SCORPIO

Note: Number of ports : 3, Rotation Direction : Anti-clockwise rotation

550415 - THROTTLE POSITION SENSOR



FORD
3470609, 4384076, F4SF 9B989 AA, F4SF 9B989 AB

FORD USA
EXPLORER

Note: Number of ports : 3, Rotation Direction : Clockwise rotation



Suitable to:

Used on:

550416 - CRANKSHAFT POSITION SENSOR



FORD
4781423, 6M3P 7M101 AA

Note: Height [mm] : 30,Number of ports : 2,Resistance [Ohm] : 380

550417 - CRANKSHAFT POSITION SENSOR



FORD
1026696, 97GT 7H103 BB

FORD
RANGER
FORD USA
EXPLORER

Note: Height [mm] : 30,Number of ports : 2,Resistance [Ohm] : 400

550418 - CRANKSHAFT POSITION SENSOR



FORD
4952648, 8R2P 7M101 AA

FORD
RANGER

Note: Height [mm] : 30,Number of ports : 2,Resistance [Ohm] : 400

550419 - CRANKSHAFT POSITION SENSOR



FORD
1007325, 1033914, 95GT 7M101 AB, 95GT 7M101 AC

FORD
RANGER, SCORPIO
FORD USA
EXPLORER

Note: Cable Length [mm] : 140,Height [mm] : 14,Number of ports : 2,Resistance [Ohm] : 75



Suitable to:

Used on:

550420 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
6924087, V93AB 9F479 AA

FORD
ESCORT, ORION

Note: Number of ports : 3

550421 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1516717, 2S6A 9F479 CB

FORD
FIESTA

Note: Number of ports : 4

550422 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1330116, 4S7Q 9F479 AA

FORD
MONDEO

Note: Number of ports : 4

550424 - KNOCK SENSOR



new

BOSCH
0 261 231 128
CITROENPEUGEOT
5946 28, 96 275 932, 96 384 235
MERCEDES-BENZ
004 153 62 28

CITROËN
BERLINGO, C2, C3, SAXO, XSARA, XSARA PICASSO
MERCEDES-BENZ
CITARO (O 530)
PEUGEOT
106, 206, 306, PARTNER

Note: Number of ports : 2



Suitable to:

Used on:

550425 - KNOCK SENSOR

new



BOSCH
0 261 231 130
CITROENPEUGEOT
5946 30
FIAT
9628648280

CITROËN
C5, C6, EVASION, XANTIA, XM
FIAT
ULYSSE
LANCIA
PHEDRA, ZETA
PEUGEOT
306, 406, 407, 605, 607, 806

Note: Cable Length [mm] : 220,Number of ports : 3

550426 - CRANKSHAFT POSITION SENSOR



BOSCH
0 281 002 214
CHEVROLET
93 342 146
FIAT
46437264, 46446873, 46481639, 60814769
VW
2R0 906 433 D

ALFA ROMEO
145, 146, 156
FIAT
BRAVA, BRAVO, MAREA, MULTIPLA, PUNTO, STRADA
LANCIA
KAPPA, LYBRA

Note: Cable Length [mm] : 470,Height [mm] : 37,Number of ports : 3,Resistance [Ohm] : 970

550427 - CRANKSHAFT POSITION SENSOR

new



BOSCH
0 261 210 043
CITROENPEUGEOT
5918 80, 91 541 027, 91 541 027 80, 91 548 738

CITROËN
BX, ZX
PEUGEOT
205, 309, 405

Note: Cable Length [mm] : 320,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 800

550428 - CAMSHAFT POSITION SENSOR



FORD
1367334, 6M8G 12K073 AB

FORD
GALAXY, MONDEO, S-MAX

Note: Height [mm] : 34,Number of ports : 3



Suitable to:

Used on:

550429 - CRANKSHAFT POSITION SENSOR



FORD
4747220, 5L2E 6C315 AA

FORD USA
EXPLORER

Note: Number of ports : 2,Resistance [Ohm] : 450

550430 - CAMSHAFT POSITION SENSOR



FORD
1371595, 6M5G 12K073 AA
VOLVO
8658495

FORD
FOCUS, KUGA, MONDEO, S-MAX

Note: Height [mm] : 20,Number of ports : 3,Resistance [Ohm] : 900

550431 - SPEED SENSOR



FORD
1231609, 3S5T 9E731 AA

FORD
KA, STREET KA

Note: Cable Length [mm] : 470,Number of ports : 3

550432 - CAMSHAFT POSITION SENSOR



CITROENPEUGEOT
96 654 434 80
FORD
1580907, 9M5Q 12K073 AA

CITROËN
C2, C3, C3 Picasso, C4, C4 Grand Picasso, C4 Picasso,
C5, C8, JUMPY, XSARA, XSARA PICASSO
FIAT
SCUDO, ULYSSE
FORD
C-MAX, FOCUS, FOCUS C-MAX, GALAXY, KUGA,
MONDEO, S-MAX
LANCIA
PHEDRA, ZETA
PEUGEOT
206, 207, 207 CC, 207 SW, 307, 308, 308 CC, 308 SW,
406, 407, 607, 806, 807, EXPERT, EXPERT Tepee,
PARTNER

Note: Height [mm] : 22,Number of ports : 3,Resistance [Ohm] : 1,4 M



Suitable to:

Used on:

550433 - CRANKSHAFT POSITION SENSOR



FORD
1318773, 3M6G 6C315 BA

FORD
GALAXY, MONDEO, S-MAX

Note: Number of ports : 2, Resistance [Ohm] : 490

550434 - CRANKSHAFT POSITION SENSOR



FORD
1371654, 6M5G 6C315 AA
VOLVO
30713485

FORD
KUGA, MONDEO, S-MAX
VOLVO
C30, C70, S40, S60

Note: Number of ports : 2

550436 - KNOCK SENSOR



BOSCH
0 261 231 178
FORD
1371593, 6M5G 12A699 AA
VOLVO
8653171

FORD
FOCUS, KUGA, MONDEO, S-MAX
VOLVO
C30, C70, S40, S80, V50, V70

Note: Number of ports : 4

550437 - SPEED SENSOR



FORD
7418488, 95VW 9E731 FA

FORD
GALAXY

Note: Number of ports : 3



Suitable to:

Used on:

550438 - CRANKSHAFT POSITION SENSOR



FORD
6859704, 924F 6C315 AB

FORD
MONDEO, TRANSIT

Note: Height [mm] : 34,Number of ports : 2

550439 - THROTTLE POSITION SENSOR

new



mitsubishi
MD615571

MITSUBISHI
LANCER

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550440 - CAMSHAFT POSITION SENSOR



DAIHATSU
90919-05024-000
TOYOTA
90919-05024

DAIHATSU
YRV
TOYOTA
AVENSIS, PRIUS, YARIS, YARIS VERSO

Note: Height [mm] : 30,Number of ports : 2

550441 - CRANKSHAFT POSITION SENSOR

new



TOYOTA
90919-05045

TOYOTA
PRIUS, YARIS, YARIS VERSO

Note: Height [mm] : 62,Number of ports : 2



Suitable to:

Used on:

550442 - CRANKSHAFT POSITION SENSOR

new



DAIHATSU
90919-05047
TOYOTA
90919-05047

TOYOTA
AVENSIS, CAMRY, PICNIC, PREVIA, RAV 4

Note: Cable Length [mm] : 380, Height [mm] : 36, Number of ports : 2, Resistance [Ohm] : 1.4k

550443 - THROTTLE POSITION SENSOR

new



PIERBURG
4.02003.35.0
TOYOTA
89452-33030, 89452-33040

LEXUS
ES, RX
TOYOTA
CAMRY SOLARA, RAV 4

Note: Number of ports : 3, Rotation Direction : Clockwise rotation

550444 - CRANKSHAFT POSITION SENSOR



BMW
12 12 1 721 775

BMW
3, 5

Note: Cable Length [mm] : 830, Number of ports : 3

550445 - CRANKSHAFT POSITION SENSOR



VW
078 905 375

AUDI
100, 200, 80, 90, A4, A6, A8, CABRIOLET, COUPE

Note: Cable Length [mm] : 690, Height [mm] : 41, Number of ports : 3, Resistance [Ohm] : 1,28k



Suitable to:

Used on:

550446 - CAMSHAFT POSITION SENSOR



BMW
12 14 1 742 185

BMW
5, 7, 8

Note: Cable Length [mm] : 360, Height [mm] : 21, Number of ports : 3

550447 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 731 887

BMW
5, 7, 8

Note: Cable Length [mm] : 500, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 670

550448 - CRANKSHAFT POSITION SENSOR



BMW
1 717 373, 1 722 587, 12 12 1 717 193, 12 12 1 722 587

BMW
3, 5, Z1

Note: Cable Length [mm] : 700, Number of ports : 3

550449 - CRANKSHAFT POSITION SENSOR



BMW
12 12 1 722 588

BMW
5, 7

Note: Cable Length [mm] : 700, Number of ports : 3



Suitable to:

Used on:

550450 - CAMSHAFT POSITION SENSOR



BMW
12 14 1 435 350, 12 14 1 438 081, 12 14 7 539 165,
7539165

BMW
3, 5, 7, X3, X5, Z3, Z4

Note: Cable Length [mm] : 510, Height [mm] : 28, Number of ports : 3

550451 - CRANKSHAFT POSITION SENSOR



VOLVO
1389399, 13893995, 3547847, 35478478

VOLVO
240, 740, 760, 940, 960

Note: Cable Length [mm] : 485, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 180

550452 - CRANKSHAFT POSITION SENSOR



VW
038 907 319

AUDI
A3
SEAT
CORDOBA, IBIZA, LEON, TOLEDO
SKODA
OCTAVIA
VW
BORA, GOLF, NEW BEETLE, POLO

Note: Cable Length [mm] : 490, Height [mm] : 46, Number of ports : 3, Resistance [Ohm] : 1,56k

550453 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 726 066

BMW
3, 5

Note: Cable Length [mm] : 710, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 670



Suitable to:

Used on:

550455 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 710 519, 12 14 1 714 763, 12 14 1 720 853

BMW
5, 6, 7

Note: Cable Length [mm] : 530, Height [mm] : 23, Number of ports : 3, Resistance [Ohm] : 690

550456 - CAMSHAFT POSITION SENSOR



BMW
12 14 1 438 082

BMW
1, 3, 5, 6, 7, X3, X5, Z3, Z4

Note: Height [mm] : 28, Number of ports : 3

550457 - CRANKSHAFT POSITION SENSOR



BMW
12 14 1 247 259, 1247259

BMW
3, 5

Note: Cable Length [mm] : 880, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 680

550458 - CRANKSHAFT POSITION SENSOR



BOSCH
0 261 210 165
VW
06A 906 433 F

AUDI
A4

Note: Cable Length [mm] : 785, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 810



Suitable to:

Used on:

550459 - SPEED SENSOR



CHEVROLET
96 179 944, 96 213 551
DAEWOO
96 179 944, 96 213 551
GENERAL MOTORS
96 213 551

DAEWOO
CIELO-NEXIA

Note: Cable Length [mm] : 155, Number of ports : 3

550460 - CRANKSHAFT POSITION SENSOR



KIA
0K04G-18-891, 0K08A-18-891

KIA
SPORTAGE

Note: Cable Length [mm] : 310, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 890

550461 - CAMSHAFT POSITION SENSOR



HYUNDAI
39350-4A000
KIA
39350-4A000

HYUNDAI
H-1

Note: Number of ports : 3

550462 - SENSOR, INTAKE MANIFOLD PRESSURE



FORD
1438809, 6G9Q 9F479 AB

FIAT
ULYSSE
FORD
GALAXY, MONDEO, S-MAX
LANCIA
PHEDRA

Note: Number of ports : 3



Suitable to:

Used on:

550464 - SELECTOR LEVER



FORD
4610018, 4826701, 5S4P 7F293 AA, 7S4P 7F293 AA

FORD
C-MAX, FIESTA, FOCUS, FOCUS C-MAX

Note: Number of ports : 9

550465 - CAMSHAFT POSITION SENSOR



GENERAL MOTORS
90 357 480
OPEL
12 38 911
SAAB
4504296

OPEL
CALIBRA, OMEGA, VECTRA
SAAB
900
VAUXHALL
CALIBRA, CAVALIER

Note: Height [mm] : 13,5,Number of ports : 3

550466 - CAMSHAFT POSITION SENSOR



BOSCH
0 232 103 002
GENERAL MOTORS
90 449 573, 90 510 127
OPEL
12 38 999, 62 38 337

OPEL
ASTRA, CALIBRA, VECTRA
VAUXHALL
CALIBRA, CAVALIER

Note: Height [mm] : 13,5,Number of ports : 3

550467 - CRANKSHAFT POSITION SENSOR



BOSCH
0 986 280 411
RENAULT
82 00 643 171
SIEMENS VDO
A2C53183840, A2C59513358Z

DACIA
LOGAN, LOGAN MCV, SANDERO
RENAULT
CLIO, LOGAN, MODUS, TWINGO

Note: Colour : Blue,Height [mm] : 22,Number of ports : 2



Suitable to:

Used on:

550468 - KNOCK SENSOR

new



HYUNDAI
39250-23500
KIA
39250-23500

HYUNDAI
COUPE, ELANTRA, MATRIX, TRAJET, TUCSON
KIA
CARENS, CERATO, SPORTAGE

Note: Cable Length [mm] : 215, Number of ports : 2

550470 - CRANKSHAFT POSITION SENSOR

new



BMW
13 62 7 561 753, 75 61 7 538 001
CITROENPEUGEOT
1920 LR

BMW
1, 3, 5, 6, 7, X3, X5, X6, Z4
CITROËN
C3, C3 Picasso, C4, C4 Grand Picasso, C4 Picasso, C5, DS3
MINI
MINI, MINI CLUBMAN, MINI COUNTRYMAN
PEUGEOT
207, 207 CC, 207 SW, 3008, 308, 308 CC, 308 SW, 5008, RCZ

Note: Number of ports : 3

550471 - CRANKSHAFT POSITION SENSOR

new



CITROENPEUGEOT
1920 PW, 96 643 873 80
FORD
1517990, 8S6Q 9E731 AA
MINI
13 62 7 808 449
MITSUBISHI
MN982334
VOLVO
31216677

CITROËN
BERLINGO, C-CROSSER, C2, C3, C3 Picasso, C4, C4 Grand Picasso, C4 Picasso, C5, C6, JUMPY, NEMO, XSARA PICASSO
FORD
C-MAX, FIESTA
MINI
MINI, MINI CLUBMAN
MITSUBISHI
OUTLANDER
PEUGEOT
1007, 107, 206, 206+, 207, 207 CC, 207 SW, 3008, 307, 308, 308 CC, 308 SW, 4007, 407, 607, 807, BIPPER, EXPERT, EXPERT Tepee, PARTNER, PARTNER Tepee
VOLVO
C30, S40, V50

Note: Number of ports : 3

550472 - CRANKSHAFT POSITION SENSOR

new



CITROENPEUGEOT
1920 GJ, 96 436 957 80, 96 648 938 80

PEUGEOT
307, 308, 407

Note: Number of ports : 3



Suitable to:

Used on:

550473 - CRANKSHAFT POSITION SENSOR

new



CITROENPEUGEOT
1920 QS, 96 647 321, 966 473 21 80

CITROËN
C4, C4 Grand Picasso, C4 Picasso, C5, C8, JUMPY
FIAT
SCUDO, ULYSSE
PEUGEOT
3008, 307, 308, 308 SW, 407, 607, 807, EXPERT,
EXPERT Tepee

Note: Number of ports : 3

550474 - CAMSHAFT POSITION SENSOR

new



VW
06A 907 601

VW
LUPO, POLO

Note: Number of ports : 3

550476 - CAMSHAFT POSITION SENSOR

new



VW
06H 905 163 A, 07L 905 163

SEAT
ALTEA, ALTEA XL, LEON
SKODA
OCTAVIA
VW
EOS, GOLF, PASSAT

Note: Height [mm] : 24, Number of ports : 3

550478 - CAMSHAFT POSITION SENSOR

new



VW
07K 907 601 A

AUDI
A3
SEAT
LEON, TOLEDO
SKODA
OCTAVIA
VW
BORA, GOLF, POLO

Note: Number of ports : 3



Suitable to:

Used on:

550479 - CAMSHAFT POSITION SENSOR

new



VW
03C 906 433 A, 03C 906 433 B, 045 906 433 B

VW
TIGUAN

Note: Height [mm] : 19.5, Number of ports : 3

550480 - CAMSHAFT POSITION SENSOR

new



VW
02T 906 207

AUDI
A3
SKODA
OCTAVIA, SUPERB
VW
PASSAT, PASSAT CC

Note: Number of ports : 3

550481 - CRANKSHAFT POSITION SENSOR

new



CITROENPEUGEOT
5918 86, 96 046 388 00

CITROËN
XM
PEUGEOT
605

Note: Cable Length [mm] : 300, Number of ports : 3, Resistance [Ohm] : 74

550482 - CRANKSHAFT POSITION SENSOR

new



CITROENPEUGEOT
5918 74, 91 537 676, 91 537 676 80

CITROËN
C25
FIAT
DUCATO
PEUGEOT
505, J5, J9

Note: Cable Length [mm] : 560, Number of ports : 3, Resistance [Ohm] : 70



Suitable to:

Used on:

550483 - RPM SENSOR, ENGINE MANAGEMENT

new



VW
07K 907 601

VW
GOLF, JETTA, NEW BEETLE

Note: Number of ports : 3

550484 - RPM SENSOR, ENGINE MANAGEMENT

new



GENERAL MOTORS
96 022 527

Note: Number of ports : 2

550485 - THROTTLE POSITION SENSOR

new



LADA
2112-1148200

LADA
SAMARA, SAMARA FORMA

Note: Number of ports : 3,Rotation Direction : Anti-clockwise rotation

550486 - CRANKSHAFT POSITION SENSOR

new



LADA
2112-3847010-04

LADA
KALINA

Note: Height [mm] : 34.5,Number of ports : 2,Resistance [Ohm] : 680



Suitable to:

Used on:

550487 - SPEED SENSOR

new



LADA
2112-3843010-30

LADA
VAZ

Note: Cable Length [mm] : 170,Number of ports : 3

550488 - CAMSHAFT POSITION SENSOR

new



LADA
2111-3706040

LADA
NIVA (1.7L)

Note: Height [mm] : 28,Number of ports : 3,Resistance [Ohm] : 4.3 k

550489 - KNOCK SENSOR

new



LADA
2112-3855020

LADA
1117, 1118, 1119, 2108, 2109, 2110, 2111, 2112, 2113,
2114, 2115, 2117, 2121, 2123, 2131, 2170, 2172, KALINA

Note: Number of ports : 2

550491 - SENSOR, INTAKE MANIFOLD PRESSURE

new



BOSCH
0 261 230 053
VW
036 906 051 C

AUDI
100, A4, A4 Allroad, A5, A6, A6 Allroad, A8, ALLROAD,
Q7, R8
VW
PASSAT

Note: Number of ports : 4

Suitable to:

Used on:

550493 - SENSOR, INTAKE MANIFOLD PRESSURE

new



BOSCH
0 261 230 262
OPEL
55 567 257

OPEL
ASTRA, ASTRA GTC, INSIGNIA, MERIVA, ZAFIRA
VAUXHALL
ASTRA, ASTRA GTC, INSIGNIA, MERIVA, ZAFIRA

Note: Number of ports : 3

550494 - KNOCK SENSOR

new



BOSCH
0 261 231 168, 0 261 231 169
CITROENPEUGEOT
1920 FR, 4679 80, 96 453 114 80

CITROËN
BERLINGO, C2, C3, C4, NEMO, SAXO, XSARA, XSARA PICASSO
PEUGEOT
1007, 206, 206+, 207, 207 SW, 307, BIPPER, BIPPER Tepee, PARTNER, PARTNER Tepee

Note: Number of ports : 2

550495 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



BOSCH
0 280 130 085
KHD
04199330, 4199330
PORSCHE
993 606 114 00
VW
058 905 379

AUDI
A3, A4, A6, A8, ALLROAD, CABRIOLET, TT
PORSCHE
911
SEAT
ALHAMBRA, CORDOBA, IBIZA, LEON, TOLEDO
SKODA
OCTAVIA, SUPERB
VW
BORA, GOLF, NEW BEETLE, PASSAT, SHARAN

Note: Height [mm] : 44, Number of ports : 2

550496 - SPEED SENSOR

new



CHEVROLET
96 190 708
DAEWOO
96 190 708
GENERAL MOTORS
96 190 708

CHEVROLET
AVEO, EPICA, KALOS, LACETTI, LANOS, LEGANZA, MATIZ, NUBIRA, REZZO

Note: Number of ports : 3



Suitable to:

Used on:

550498 - CAMSHAFT POSITION SENSOR

new



CHEVROLET
96 253 543
DAEWOO
96 253 543
GENERAL MOTORS
96 253 543

HYUNDAI
AVAO, KALOS, TACUMA, VIVANT

Note: Height [mm] : 24,Number of ports : 3

550500 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



BMW
1 739 510, 13 62 1 739 510

BMW
3, 5, 7, 8, X5, Z3

Note: Height [mm] : 40,Number of ports : 2,Resistance [Ohm] : 4k

550501 - CRANKSHAFT POSITION SENSOR

new



BMW
1 433 264, 12 14 1 433 264

BMW
X5

Note: Height [mm] : 32,Number of ports : 2,Resistance [Ohm] : 650

550502 - SPEED SENSOR

new



VW
012 409 191 D

AUDI
A4, A6, CABRIOLET
VW
PASSAT

Note: Height [mm] : 79,Number of ports : 2



Suitable to:

Used on:

550503 - CRANKSHAFT POSITION SENSOR

new

BMW
13 62 2 243 560, 2 243 560

BMW
3, 5, 7



Note: Height [mm] : 56,Number of ports : 2,Resistance [Ohm] : 1.3k

550504 - CRANKSHAFT POSITION SENSOR

new

VW
050 906 433

AUDI
A4, A6
VW
PASSAT



Note: Cable Length [mm] : 550,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 500

550505 - CRANKSHAFT POSITION SENSOR

new

VW
021 957 147

AUDI
Q7
VW
GOLF, MULTIVAN, TOUAREG, TRANSPORTER



Note: Cable Length [mm] : 390,Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 820

550506 - CAMSHAFT POSITION SENSOR

new

BMW
12 14 7 518 628, 7 518 628

BMW
1, 3, 5, 6, 7, X3, X5, Z3, Z4



Note: Height [mm] : 28,Number of ports : 3,Resistance [Ohm] : 120



Suitable to:

Used on:

550507 - CAMSHAFT POSITION SENSOR

new



BMW
13 62 7 792 256, 7 792 256

BMW
1, 3, 5, 6, 7, X3, X5, X6

Note: Height [mm] : 23,Number of ports : 3

550508 - CAMSHAFT POSITION SENSOR

new



MERCEDES-BENZ
004 153 00 28, A 004 153 00 28

MERCEDES-BENZ
C-CLASS, CLK, E-CLASS, G-CLASS, M-CLASS,
S-CLASS, SL, SLK, SPRINTER, SPRINTER 2-t,
SPRINTER 3-t, V-CLASS, VITO

Note: Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 130

550509 - CAMSHAFT POSITION SENSOR

new



MERCEDES-BENZ
003 153 97 28, A 003 153 97 28

MERCEDES-BENZ
A-CLASS, B-CLASS, C-CLASS, CLK, CLS, E-CLASS,
G-CLASS, M-CLASS, S-CLASS, SPRINTER,
SPRINTER 2-t, SPRINTER 3-t, V-CLASS, Vaneo, VITO

Note: Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 145k

550510 - CAMSHAFT POSITION SENSOR

new



MERCEDES-BENZ
004 153 13 28, A 004 153 13 28

MERCEDES-BENZ
C-CLASS, CLK, E-CLASS, S-CLASS, SLK

Note: Height [mm] : 24,Number of ports : 3,Resistance [Ohm] : 120



Suitable to:

Used on:

550511 - THROTTLE POSITION SENSOR

new



BOSCH
0 280 122 003
CITROENPEUGEOT
1628 1E, 5007 99
FIAT
9617220680
PIERBURG
4.02003.49.0

CITROËN
EVASION, SAXO, XANTIA, XM, XSARA, ZX
FIAT
ULYSSE
LANCIA
ZETA
PEUGEOT
106, 306, 405, 406, 605, 806

Note: Number of ports : 3

550512 - THROTTLE POSITION SENSOR

new



MITSUBISHI
MD614734, MD614772

MITSUBISHI
CARISMA, ECLIPSE, GALANT, LANCER, MIRAGE,
PAJERO, SPACE RUNNER, SPACE WAGON

Note: Number of ports : 4, Rotation Direction : Clockwise rotation

550513 - THROTTLE POSITION SENSOR

new



MITSUBISHI
MD614735

MITSUBISHI
CARISMA, GALANT, PAJERO, PAJERO SPORT

Note: Number of ports : 4, Rotation Direction : Anti-clockwise rotation

550515 - THROTTLE POSITION SENSOR

new



MITSUBISHI
MD628074

MITSUBISHI
CARISMA, LANCER, OUTLANDER, PAJERO PININ,
SPACE STAR, SPACE WAGON

Note: Number of ports : 3, Rotation Direction : Clockwise rotation



Suitable to:

Used on:

550516 - THROTTLE POSITION SENSOR

new



MITSUBISHI
MD628077

MITSUBISHI
CHALLENGER, ECLIPSE, GALANT, PAJERO/MONTERO

Note: Number of ports : 3,Rotation Direction : Anti-clockwise rotation

550517 - CRANKSHAFT POSITION SENSOR

new



TOYOTA
90919-05017

TOYOTA
AVENSIS, CAMRY, CARINA, PICNIC, RAV 4

Note: Cable Length [mm] : 260,Height [mm] : 26,Number of ports : 2

550518 - CRANKSHAFT POSITION SENSOR

new



RENAULT
82 00 244 869, 82 00 412 638, 82 00 428 137,
82 00 647 559
SIEMENS VDO
S119296001

RENAULT
CLIO, CLIO Grandtour, LAGUNA, MEGANE, MODUS

Note: Height [mm] : 47,Number of ports : 2

550519 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39318-3C100
KIA
39318-3C100

HYUNDAI
GRANDEUR, SANTA FÉ, SONATA
KIA
CARNIVAL, OPIRUS, SORENTO

Note: Height [mm] : 28,Number of ports : 3



Suitable to:

Used on:

550520 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39350-2B000
KIA
39350-2B000

HYUNDAI
i30
KIA
CEE'D, CERATO

Note: Height [mm] : 28,Number of ports : 3

550521 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39350-3E120
KIA
39350-3E120

HYUNDAI
GRANDEUR, SANTA FÉ
KIA
CARNIVAL, MAGENTIS, OPIRUS

Note: Height [mm] : 28,Number of ports : 3

550522 - CRANKSHAFT POSITION SENSOR

new



HYUNDAI
39350-23700
KIA
39350-23700

HYUNDAI
COUPE', ELANTRA, i30, TRAJET, TUCSON
KIA
CARENS, CEED, CERATO, SPORTAGE

Note: Height [mm] : 28,Number of ports : 3

550523 - CRANKSHAFT POSITION SENSOR

new



HYUNDAI
39350-26900
KIA
39350-26900

HYUNDAI
ACCENT
KIA
RIO

Note: Height [mm] : 28,Number of ports : 3



Suitable to:

Used on:

550524 - CRANKSHAFT POSITION SENSOR

new



MERCEDES-BENZ
005 153 59 28
MITSUBISHI
MR985041
SMART
005 153 59 28

MITSUBISHI
COLT, COLT CZC, LANCER
SMART
FORFOUR

Note: Height [mm] : 27,Number of ports : 3

550525 - CAMSHAFT POSITION SENSOR

new



MITSUBISHI
J5T23071A, MD327107
VOLVO
30874179

MITSUBISHI
CARISMA, COLT, GALANT, GRANDIS, L 200, LANCER,
OUTLANDER, SPACE RUNNER, SPACE STAR,
SPACE WAGON
VOLVO
S40, V40

Note: Height [mm] : 27,Number of ports : 3

550526 - CAMSHAFT POSITION SENSOR

new



NISSAN
23731-4M500, 23731-4M505, 23731-4M506,
23731-4M50B, 23731-5M000, 23731-5M001,
23731-5M005

INFINITI
FX
NISSAN
ALMERA, ALMERA TINO, MICRA, MICRA C+C, NOTE,
PRIMERA

Note: Height [mm] : 38,Number of ports : 3

550527 - CRANKSHAFT POSITION SENSOR

new



SUZUKI
33220-58J20

SUZUKI
ALTO, SPLASH, SWIFT

Note: Height [mm] : 27,Number of ports : 3

550528 - CRANKSHAFT POSITION SENSOR

new


NISSAN
23731-2Y52A

INFINITI
Q45

Note: Height [mm] : 37,Number of ports : 3

550529 - CRANKSHAFT POSITION SENSOR

new


NISSAN
23731-AL60C

NISSAN
350 Z, MURANO

Note: Height [mm] : 38,Number of ports : 3

550530 - CAMSHAFT POSITION SENSOR

new


HYUNDAI
39350-02800
KIA
39350-02800

HYUNDAI
i10
KIA
PICANTO

Note: Height [mm] : 27,Number of ports : 3

550531 - CAMSHAFT POSITION SENSOR

new


HYUNDAI
39300-27000
KIA
39300-27000

HYUNDAI
ACCENT, GETZ, MATRIX, SANTA FÉ, TRAJET, TUCSON
KIA
CERATO, SPORTAGE

Note: Height [mm] : 24,Number of ports : 3



Suitable to:

Used on:

550532 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39350-4A400
KIA
39350-4A400

HYUNDAI
H-1
KIA
SORENTO

Note: Height [mm] : 28,Number of ports : 3

550533 - CRANKSHAFT POSITION SENSOR

new



mitsubishi
J5T30771, MR578768

MITSUBISHI
COLT, GRANDIS, OUTLANDER

Note: Height [mm] : 27,Number of ports : 3

550534 - CRANKSHAFT POSITION SENSOR

new



MITSUBISHI
J5T30773
SUZUKI
33220-63J10

SUZUKI
IGNIS, JIMNY, SX4

Note: Height [mm] : 27,Number of ports : 3

550535 - CAMSHAFT POSITION SENSOR

new



SUZUKI
33220-63J00

SUZUKI
GRAND VITARA, IGNIS, JIMNY, LIANA, SWIFT

Note: Height [mm] : 27,Number of ports : 3



Suitable to:

Used on:

550536 - CRANKSHAFT POSITION SENSOR

new



NISSAN
23750-00Q0K
RENAULT
82 00 647 388
SIEMENS VDO
A2C59513359Z

RENAULT
CLIO, KANGOO, MEGANE

Note: Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 240

550537 - CRANKSHAFT POSITION SENSOR

new



RENAULT
82 00 647 554
SIEMENS VDO
A2C59513360Z

DACIA
LOGAN, LOGAN MCV
RENAULT
CLIO, ESPACE, GRAND SCÉNIC, KANGOO, LAGUNA,
LOGAN, MEGANE, SCÉNIC, THALIA

Note: Height [mm] : 24,Number of ports : 2,Resistance [Ohm] : 230

550539 - CRANKSHAFT POSITION SENSOR

new



NISSAN
23731-6N202, 23731-6N20A, 23731-6N20B,
23731-6N20C, 23731-6N20D, 23731-6N21A

NISSAN
PRIMERA, X-TRAIL

Note: Height [mm] : 38,Number of ports : 3

550540 - CRANKSHAFT POSITION SENSOR

new



TOYOTA
90919-05050

TOYOTA
HILUX

Note: Cable Length [mm] : 550,Height [mm] : 36,Number of ports : 3,Resistance [Ohm] : 2.3k



Suitable to:

Used on:

550541 - CRANKSHAFT POSITION SENSOR

new



TOYOTA
90919-05025

TOYOTA
HILUX

Note: Height [mm] : 32,Number of ports : 2

550542 - CAMSHAFT POSITION SENSOR

new



MAZDA
FSD7 18 230

MAZA
626

Note: Height [mm] : 26,Number of ports : 2

550543 - KNOCK SENSOR

new



HYUNDAI
39500-38032, 39510-38021
KIA
39510-38021

HYUNDAI
SANTA FÉ, SONATA, TRAJET

Note: Cable Length [mm] : 370,Number of ports : 2

550544 - KNOCK SENSOR

new



HYUNDAI
39250-37100
KIA
39250-37100

HYUNDAI
COUPE, SANTA FÉ, SONATA, TRAJET, TUCSON, XG
KIA
MAGENTIS, SPORTAGE

Note: Cable Length [mm] : 270,Number of ports : 3



Suitable to:

Used on:

550545 - SPEED SENSOR

new

HYUNDAI
39650-42100

HYUNDAI
H-1, H100



Note: Cable Length [mm] : 350, Height [mm] : 24, Number of ports : 3

550546 - CAMSHAFT POSITION SENSOR

new

HYUNDAI
39350-22600
KIA
39350-22600

HYUNDAI
ACCENT



Note: Height [mm] : 28, Number of ports : 3

550548 - SPEED SENSOR

new

HYUNDAI
96420-4A600
KIA
96420-4A600

HYUNDAI
ACCENT, ATOS PRIME, COUPE, ELANTRA, GETZ, H-1,
H-100, i10, i20, i30, MATRIX, SONATA, TERRACAN,
TUCSON, XG
KIA
CARENS, CEED, CERATO, JOICE, MAGENTIS,
OPTIMA, PICANTO, RIO, SORENTO, SOUL, SPECTRA,
SPORTAGE, VENGA



Note: Number of ports : 3

550549 - SPEED SENSOR

new

HYUNDAI
94600-8A500
KIA
94600-8A500

HYUNDAI
AERO CITY, AERO TOWN, COUNTRY, HD, UNIVERSE



Note: Number of ports : 3



Suitable to:

Used on:

550551 - SENSOR, ACCELERATION

new



HYUNDAI
39360-22040
KIA
39360-22040

HYUNDAI
ACCENT, ATOS, ATOS PRIME, COUPE, ELANTRA,
GETZ, MATRIX
KIA
CERATO, PICANTO

Note: Number of ports : 3

550552 - THROTTLE POSITION SENSOR

new



HYUNDAI
35170-26900
KIA
35170-26900

HYUNDAI
GETZ
KIA
RIO

Note: Number of ports : 3,Rotation Direction : Clockwise rotation

550553 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



FIAT
60806471, 7547976

ALFA ROMEO
155
FIAT
BRAVA, BRAVO, COUPE, MAREA, PALIO, SIENA,
TEMPRA, TIPO
FORD
ESCORT
LANCIA
DEDRA, DELTA

Note: Number of ports : 2

550554 - RPM SENSOR, ENGINE MANAGEMENT

new



BOSCH
0 281 002 717
ISUZU
8-97376-977-1
OPEL
62 35 607, 97 226 992

OPEL
ASTRA
VAUXHALL
ASTRA, ASTRAMAN

Note: Cable Length [mm] : 180,Height [mm] : 36,Number of ports : 3

550555 - CAMSHAFT POSITION SENSOR

new

HYUNDAI
39350-25000
KIA
39350-25000

HYUNDAI
H-1, SONATA
KIA
CARENS, MAGENTIS

Note: Height [mm] : 23,Number of ports : 3

550556 - CAMSHAFT POSITION SENSOR

new

HYUNDAI
39350-25010
KIA
39350-25010

HYUNDAI
GENESIS, H-1, SANTA FE', SONATA, TUCSON
KIA
CARENT, MAGENTIS, OPTIMA, SORENTO

Note: Height [mm] : 23,Number of ports : 3

550557 - SENSOR, INTAKE MANIFOLD PRESSURE

new

BOSCH
0 261 230 234
VW
03C 906 051 F

AUDI
A4, A5, A6, A8, Q5, Q7
SEAT
ALTEA XL, IBIZA, LEON, Mii
VW
AMAROK, CADDY, EOS, FOX, GOLF, JETTA,
MULTIVAN, NEW BEETLE, PASSAT, POLO,
TOUAREG, TOURAN, TRANSPORTER, UP

Note:
550558 - RPM SENSOR, ENGINE MANAGEMENT

new

HYUNDAI
42620-39200
KIA
42620-39200

HYUNDAI
ACCENT, COUPE, ELANTRA, i20, i30, SANTA FE,
SONATA, TRAJET, TUCSON
KIA
CARENS, MAGENTIS, OPTIMA, SPORTAGE

Note: Height [mm] : 27,Number of ports : 3

550559 - RPM SENSOR, ENGINE MANAGEMENT **new**


HYUNDAI
42621-39200
KIA
42621-39200

HYUNDAI
i30

Note: Height [mm] : 27,Number of ports : 3

550560 - SENDER UNIT, INTAKE AIR TEMPERATURE **new**


CHEVROLET
96 351 837
DAEWOO
96 351 837

CHEVROLET
MATIZ
DAEWOO
MATIZ

Note: Number of ports : 2

550561 - SENSOR, INTAKE MANIFOLD PRESSURE **new**


CHEVROLET
96 330 547
DAEWOO
96 330 547

CHEVROLET
LACETTI, NUBIRA, REZZO
DAEWOO
REZZO

Note: Number of ports : 3

550562 - KNOCK SENSOR **new**


KIA
0K2CC-18-921

KIA
CARENS, SEPHIA, SHUMA

Note: Cable Length [mm] : 385,Number of ports : 3



Suitable to:

Used on:

550563 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



CHEVROLET
25 037 223, 25 037 223A
DAEWOO
25 037 223, 25 037 223A

DAEWOO
NEXIA

Note: Number of ports : 2

550564 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



CHEVROLET
96 508 200
DAEWOO
96 508 200
GENERAL MOTORS
10 077 210

DAEWOO
MATIZ

Note: Number of ports : 2

550565 - SENSOR, EXHAUST PRESSURE

new



SENSOR, EXHAUST PRESSURE

BOSCH
0 281 002 770, 0 281 002 771
FIAT
55198717
OPEL
55198717, 93 187 247, 93 194 121
SAAB
93194121
SUZUKI
13800-T79J5, 18590-79J50, 18590-79J50-000,
18590-T79J5

OPEL
AGILA
SAAB
9-3
SUZUKI
SPLASH, SWIFT
VAUXHALL
AGILA

Note: Number of ports : 3

550566 - KNOCK SENSOR

new



NISSAN
22060-7B000

NISSAN
PATHFINDER, TERRANO

Note: Number of ports : 2



Suitable to:

Used on:

550567 - KNOCK SENSOR**new****TOYOTA**
89615-20090**LEXUS**
IS, IS C, RX
TOYOTA
AURIS, AVENSIS, AVENSIS VERSO, CAMRY, CELICA,
COROLLA, IQ, LAND CRUISER, LAND CRUISER 150,
PREVIA, PRIUS, RAV 4, URBAN CRUISER, VERSO,
YARIS**Note:** Number of ports : 2**550568** - CRANKSHAFT POSITION SENSOR**new****GENERAL MOTORS**
93 852 584, 93 857 943
NISSAN
23750-00Q0D, 23750-00QAF
OPEL
44 13 261
RENAULT
82 00 260 327, 82 00 513 668
SIEMENS VDO
S119297061**NISSAN**
PRIMASTAR
OPEL
VIVARO
RENAULT
CLIO, ESPACE, GRAND SCÉNIC, LAGUNA, MEGANE,
MEGANE CC, SCÉNIC, TRAFIC II, VEL SATIS
VAUXHALL
VIVARO**Note:** Height [mm] : 32,Number of ports : 2**550569** - SENSOR, INTAKE MANIFOLD PRESSURE**new****CITROENPEUGEOT**
1920 CZ, 96 390 274 80
FIAT
9639469280
FORD
1231463, 1256481, 1468879
MAZDA
Y601 18 211A, Y601 18 211B
MINI
13 62 7 794 981
SUZUKI
18590-69K00, 18590-73J00
VOLVO
31216185, 8670292**CITROËN**
BERLINGO, C2, C3, C3 Picasso, C4, C4 Grand Picasso,
C4 Picasso, C5, C8, JUMPY, XSARA, XSARA PICASSO
FIAT
SCUDO, ULYSSE
FORD
C-MAX, FIESTA, FOCUS, FOCUS C-MAX, FUSION,
KUGA
LANCIA
PHEDRA
MAZDA
3
MINI
MINI, MINI CLUBMAN
PEUGEOT
1007, 206, 207, 207 CC, 207 SW, 3008, 307, 308,
308 CC, 308 SW, 407, 5008, 508, 508 SW, 607, 807,
EXPERT, EXPERT Tepee, PARTNER, PARTNER Tepee
SUZUKI LIANA, SX4
VOLVO C30, C70, S40, V50, V70**Note:** Number of ports : 3**550570** - SENSOR, INTAKE MANIFOLD PRESSURE**new****BOSCH**
0 261 230 234, 0 261 230 235
VW
03C 906 051 F**SEAT**
ALTEA XL, IBIZA, LEON
VW
CADDY, EOS, FOX, GOLF, JETTA, NEW BEETLE,
PASSAT, POLO, TOURAN**Note:** Number of ports : 4



Suitable to:

Used on:

550571 - RPM SENSOR, ENGINE MANAGEMENT

new



FIAT
71739267
OPEL
12 567 712, 24 576 398, 62 38 158, 62 38 186

FIAT
CROMA
OPEL
ASTRA, SIGNUM, SPEEDSTER, VECTRA, ZAFIRA
VAUXHALL
ASTRA, SIGNUM, VECTRA, ZAFIRA

Note: Height [mm] : 34, Number of ports : 2

550572 - CAMSHAFT POSITION SENSOR

new



LAND ROVER
NSC000310

LAND ROVER
FREELANDER
MG
MGF
ROVER
25, 45, 75

Note: Height [mm] : 27.5, Number of ports : 3

550573 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39300-2A000
KIA
39300-2A000

HYUNDAI
ACCENT, ELANTRA, GETZ, i10, i30, MATRIX
KIA
CEE'D, CERATO, PICANTO, RIO

Note: Height [mm] : 24, Number of ports : 3

550574 - CAMSHAFT POSITION SENSOR

new



FIAT
55352609
OPEL
62 35 697, 62 38 241

ALFA ROMEO
159
FIAT
CROMA
OPEL
ASTRA, ASTRA H, SIGNUM, VECTRA, ZAFIRA
VAUXHALL
ASTRA, ASTRA TwinTop, SIGNUM, VECTRA, ZAFIRA

Note: Height [mm] : 24, Number of ports : 3



Suitable to:

Used on:

550575 - CRANKSHAFT POSITION SENSOR

new



HYUNDAI
39180-2B000
KIA
39180-2B000

HYUNDAI
i30
KIA
CARENS III, CEE'D, CERATO, PRO CEE'D, SOUL,
VENGA

Note: Cable Length [mm] : 280, Height [mm] : 46, Number of ports : 2, Resistance [Ohm] : 900

550576 - CAMSHAFT POSITION SENSOR

new



BOSCH
0 281 002 453
IVECO
500334956

FIAT
DUCATO 2.8L HDI
IVECO
DAILY 2.8 L HDI
PEUGEOT
BOXER 2.8L HDI

Note: Cable Length [mm] : 230, Height [mm] : 28, Number of ports : 3, Resistance [Ohm] : 15M

550577 - CRANKSHAFT POSITION SENSOR

new



BOSCH
0 261 210 048
GENERAL MOTORS
90 337 650
OPEL
12 38 782

OPEL
ASTRA, ASTRA F CLASSIC, COMBO, CORSA, OMEGA,
TIGRA, VECTRA
VAUXHALL
ASTRA, CARLTON, CORSA, TIGRA, VECTRA

Note: Cable Length [mm] : 820, Height [mm] : 34, Number of ports : 3, Resistance [Ohm] : 600

550578 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39310-02600

HYUNDAI
ATOS, ATOS PRIME

Note: Cable Length [mm] : 350, Number of ports : 3



Suitable to:

Used on:

550579 - CAMSHAFT POSITION SENSOR

new



HYUNDAI
39310-38070

HYUNDAI
SANTA FÉ

Note: Cable Length [mm] : 1320, Height [mm] : 14.5, Number of ports : 3

550580 - CRANKSHAFT POSITION SENSOR

new



GENERAL MOTORS
09 148 306
OPEL
12 38 341

OPEL
OMEGA
VAUXHALL
OMEGA

Note: Cable Length [mm] : 850, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 1k

550581 - CRANKSHAFT POSITION SENSOR

new



GENERAL MOTORS
90 493 864
OPEL
62 38 376

OPEL
ASTRA, OMEGA, VECTRA
VAUXHALL
ASTRA, CAVALIER, OMEGA

Note: Cable Length [mm] : 1010, Height [mm] : 24, Number of ports : 3, Resistance [Ohm] : 970

550582 - CAMSHAFT POSITION SENSOR

new



BMW
12 14 1 740 959, 12 14 1 748 400
BOSCH
0 232 103 003

BMW
3, 5

Note: Cable Length [mm] : 430, Height [mm] : 28.5, Number of ports : 3



Suitable to:

Used on:

550583 - CAMSHAFT POSITION SENSOR

new



NISSAN
23731-6J906

INFINITI
M35
NISSAN
350 Z, MICRA C+C, MURANO, PATHFINDER

Note: Height [mm] : 38,Number of ports : 3

550584 - CRANKSHAFT POSITION SENSOR

new



FIAT
71739267
OPEL
62 38 158, 62 38 186

Note: Height [mm] : 34.5,Number of ports : 2,Resistance [Ohm] : 1k

550585 - CRANKSHAFT POSITION SENSOR

new



VW
038 907 319A, 038 907 319F

AUDI
A3
SEAT
CORDOBA, IBIZA, INCA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, CADDY, GOLF, NEW BEETLE, POLO

Note: Cable Length [mm] : 500,Height [mm] : 46,Number of ports : 3,Resistance [Ohm] : 1.1k

550586 - SENSOR, EXTERIOR TEMPERATURE

new



BMW
65 81 6 905 133

BMW
1, 3, 5, 6, 7, X1, X3, X5, X6, Z4, Z8

Note: Height [mm] : 40,Number of ports : 2



Suitable to:

Used on:

550587 - SENDER UNIT, INTAKE AIR TEMPERATURE

new



BMW
13 62 1 711 371
BOSCH
0 280 130 039
DAF
1315659
FERRARI
162419
HONDA
37880 P5T G00
LAND ROVER
ERR2082
OPEL
90 423 088, 90 541 577
PORSCHE
928 606 143 00
VW
024 905 379 6, 046 905 379

ALFA ROMEO
166, 33
AUDI
100
BENTLEY
CONTINENTAL
BMW
3, 5, 7
CITROËN
EVASION, SAXO, XANTIA, XM, XSARA, ZX
DAF
85 CF, 95 XF, CF 75, CF 85
FERRARI
456 GT/GTA, 5__ MARANELLO
HONDA
ACCORD, CIVIC
LAND ROVER
DISCOVERY, FREELANDER, RANGE ROVER
MG
MG ZS
OPEL
CALIBRA, VECTRA
PEUGEOT
106, 205, 306, 405, 406, 605, 806
PORSCHE
928, 959
ROVER
200, 25, 400, 45, 600
SEAT
CORDOBA, IBIZA, TOLEDO
VAUXHALL
CALIBRA, CAVALIER
VW
CORRADO, GOLF, PASSAT, POLO, POLO PLAYA, SHARAN, TRANSPORTER, VENTO

Note: Number of ports : 2

550588 - KNOCK SENSOR

new



HYUNDAI
39320-3C000

HYUNDAI
CENTENNIAL, GRANDEUR

Note: Cable Length [mm] : 660, Number of ports : 2

550589 - KNOCK SENSOR

new



TOYOTA
89615-02020, 89615-20090

LEXUS
IS, IS C, RX
TOYOTA
AURIS, AVENSIS, AVENSIS VERSO, CAMRY, CELICA, COROLLA, IQ, LAND CRUISER, LAND CRUISER 150, PREVIA, PRIUS, RAV 4, URBAN CRUISER, VERSO, YARIS

Note: Number of ports : 2

550590 - KNOCK SENSOR

new



BOSCH
0 986 JG0 830
NISSAN
22060-30P00, 22060-30P00A, ADN17210

INFINITI
G20, J30, Q45, QX4
NISSAN
100 NX, 200 SX, 300 ZX, MAXIMA, MAXIMA QX,
PATHFINDER, PICK UP

Note: Number of ports : 2

550591 - KNOCK SENSOR

new



TOYOTA
89615-12090

TOYOTA
CAMRY, CELICA

Note: Number of ports : 1

550592 - CRANKSHAFT POSITION SENSOR

new



FORD
1C1T 7H103 AA, 1C1T-7H103BB, 4161562

FORD
TRANSIT

Note: Height [mm] : 34,Number of ports : 2,Resistance [Ohm] : 760

550595 - KNOCK SENSOR

new



BOSCH
0 986 JG0 835
SUBARU
22060-AA070

SUBARU
FORESTER, IMPREZA, LEGACY

Note: Cable Length [mm] : 160,Number of ports : 1

550596 - KNOCK SENSOR

new


BOSCH
 0 986 JG0 832
SUBARU
 22060-AA031

SUBARU
 IMPREZA, LEGACY

Note: Cable Length [mm] : 160,Number of ports : 1

550597 - KNOCK SENSOR

new


BOSCH
 0 261 231 144
FIAT
 46525288

FIAT
 BRAVA, BRAVO, COUPE, MAREA, STILO
LANCIA
 KAPPA, LYBRA, THESIS

Note: Cable Length [mm] : 510,Number of ports : 2

550598 - KNOCK SENSOR

new


NISSAN
 22060-2A000

INFINITI
 FX, M35, M45
NISSAN
 350 Z, MURANO, PATHFINDER, TEANA, TERRANO
RENAULT
 ESPACE, VEL SATIS

Note: Number of ports : 2

550600 - SENSOR, INTAKE MANIFOLD PRESSURE

new


BMW
 13 62 7 551 429
SIEMENS VDO
 5WK96805Z

BMW
 1, 3, 5, 7, X6, Z4

Note: Number of ports : 4



Suitable to:

Used on:

550601 - KNOCK SENSOR

new



SIEMENS VDO
G85530299150Z
VW
06A 905 377

AUDI
A3, TT
VW
BORA, GOLF, POLO, SHARAN

Note: Cable Length [mm] : 130,Number of ports : 3

550602 - KNOCK SENSOR

new



SIEMENS VDO
G85530299160Z
VW
06A 905 377 A

AUDI
A3, TT
SEAT
ALHAMBRA, LEON, TOLEDO
SKODA
FABIA, OCTAVIA
VW
BORA, GOLF, LUPO, SHARAN

Note: Cable Length [mm] : 200,Number of ports : 3

550603 - CRANKSHAFT POSITION SENSOR

new



BMW
13 62 7 525 015
SIEMENS VDO
S119044012Z

BMW
1, 3, 5, 6, 7, X3, X5, X6, Z4

Note: Height [mm] : 28,Number of ports : 3

550604 - CAMSHAFT POSITION SENSOR

new



BMW
13 62 7525 014
SIEMENS VDO
S119445001Z

BMW
1, 3, 5, 6, 7, X1, X5, X6, Z4

Note: Height [mm] : 28,Number of ports : 3

Suitable to:

Used on:

550605 - SENSOR, INTAKE MANIFOLD PRESSURE

new



BOSCH
0 261 230 081
VW
036 906 051 G

AUDI
A1, A3, A5, A6, A8, Q3, Q7
SKODA
OCTAVIA, YETI
VW
EOS, GOLF, JETTA, MULTIVAN, NEW BEETLE,
PASSAT, SCIROCCO, TIGUAN, TOUAREG,
TRANSPORTER

Note: Number of ports : 4

550606 - SENSOR, INTAKE MANIFOLD PRESSURE

new



BOSCH
0 281 002 399
VW
038 906 051 B

AUDI
A1, A2, A3, A4, A6, A6 Allroad, A8
SEAT
ALHAMBRA, ALTEA, ALTEA XL, CORDOBA, IBIZA,
LEON, TOLEDO
SKODA
FABIA, OCTAVIA, ROOMSTER, ROOMSTER Praktik,
SUPERB, YETI
VW
BORA, CADDY, EOS, FOX, GOLF, JETTA, LT 28-35,
LT 28-46, LUPO, MULTIVAN, NEW BEETLE, PASSAT,
POLO, SCIROCCO, SHARAN, TIGUAN, TOURAN,
TRANSPORTER

Note: Number of ports : 4

550607 - SENSOR, INTAKE MANIFOLD PRESSURE

new



BOSCH
0 281 002 456
FIAT
100 4961 01, 55240726, 77365691
MERCEDES-BENZ
004 153 82 28, A 004 153 82 28
NISSAN
22365 9X700
VW
004 153 822 8

FIAT
BRAVO

Note: Number of ports : 4

550610 - CAMSHAFT POSITION SENSOR

new



TOYOTA
90919-05012

LEXUS
RX
TOYOTA
AVENSIS, AVENSIS VERSO, CAMRY, COROLLA,
PREVIA, RAV 4

Note: Height [mm] : 28, Number of ports : 2

550611 - KNOCK SENSOR

new


MITSUBISHI
1865A014, E1T52271

MITSUBISHI
PAJERO

Note: Number of ports : 2

550613 - CAMSHAFT POSITION SENSOR

new


OPEL
12 37 183, 55 566 932

OPEL
AMPERA, ASTRA, CORSA, INSIGNIA, MERIVA, ZAFIRA

Note: Height [mm] : 24, Number of ports : 3

550614 - CRANKSHAFT POSITION SENSOR

new


OPEL
12 38 268, 55 571 994

OPEL
AMPERA, ASTRA, INSIGNIA, MERIVA, ZAFIRA

Note: Height [mm] : 34.5, Number of ports : 3

550615 - KNOCK SENSOR

new


OPEL
12 36 006, 55 563 372

OPEL
AMPERA, ASTRA, CORSA, INSIGNIA, MERIVA, ZAFIRA

Note: Number of ports : 2





TAVOLE COMPARATIVE CROSS REFERENCE LIST



ALFA ROMEO.....	458	MAGNETI MARELLI.....	467
BMW.....	458	MAN.....	468
BOSCH.....	458	MASERATI.....	468
BOUGICORD.....	459	MAZDA.....	468
CHERY.....	459	MERCEDES-BENZ.....	468
CHEVROLET.....	459	MINI.....	468
CHRYSLER.....	459	MITSUBISHI.....	468
CITROENPEUGEOT.....	459	NISSAN.....	468
DACIA.....	460	OPEL.....	469
DAEWOO.....	460	PIAGGIO.....	469
DAF.....	460	PIERBURG.....	469
DAIHATSU.....	460	PORSCHE.....	470
FACET.....	460	PROTON.....	470
FAE.....	462	RENAULT.....	470
FERRARI.....	463	ROVER.....	470
FIAT.....	463	SAAB.....	470
FORD.....	464	SCANIA.....	470
GENERAL MOTORS.....	466	SIEMENS VDO.....	470
HELLA.....	466	SMART.....	470
HONDA.....	467	SSANGYONG.....	471
HYUNDAI.....	467	SUBARU.....	471
ISUZU.....	467	SUZUKI.....	471
IVECO.....	467	TOYOTA.....	471
JEEP.....	467	VALEO.....	471
KHD.....	467	VAUXHALL.....	471
KIA.....	467	VOLVO.....	471
LADA.....	467	VW.....	471
LAND ROVER.....	467		





Tavole Comparative - Cross Reference List

ALFA ROMEO					
195050501701	550199	13 62 2 243 560	550503	0 261 210 147	550109
195271101900	550089	13 62 7 525 015	550603	0 261 210 148	550109
195321101900	550375	13 62 7 551 429	550600	0 261 210 150	550225
46411135	550156	13 62 7 561 753	550470	0 261 210 151	550061
60512971	550089	13 62 7 787 192	550272	0 261 210 160	550062
605132080	550375	13 62 7 792 256	550507	0 261 210 165	550458
605493590	550144	13 62 7525 014	550604	0 261 210 167	550200
60601207	550242	2 243 560	550503	0 261 210 170	550275
60806494	550090	65 81 6 905 133	550586	0 261 210 178	550124
60808895	550093	7 518 628	550506	0 261 210 188	550221
60809804	550147	7 792 256	550507	0 261 210 194	550376
60810103	550092	75 61 7 538 001	550470	0 261 210 199	550123
60811534	550140	7539165	550450	0 261 210 215	550376
				0 261 210 219	550112
				0 261 210 220	550190
				0 261 210 238	550306
				0 261 210 242	550109
				0 261 210 254	550123
				0 261 210 257	550388
				0 261 210 269	550264
				0 261 230 009	550367
				0 261 230 010	550237
				0 261 230 011	550237
				0 261 230 012	550131
				0 261 230 020	550362
				0 261 230 027	550161
				0 261 230 029	550137
				0 261 230 030	550098
				0 261 230 031	550085
				0 261 230 034	550130
				0 261 230 035	550257
				0 261 230 041	550136
				0 261 230 042	550364
				0 261 230 043	550133
				0 261 230 044	550157
				0 261 230 052	550303
				0 261 230 053	550491
				0 261 230 057	550130
				0 261 230 058	550136
				0 261 230 071	550363
				0 261 230 073	550263
				0 261 230 074	550263
				0 261 230 081	550605
				0 261 230 090	550261
				0 261 230 095	550365
				0 261 230 096	550365
				0 261 230 119	550412
				0 261 230 120	550412
				0 261 230 141	550142
				0 261 230 191	550142
				0 261 230 224	550413
				0 261 230 225	550413
				0 261 230 234	550557
				0 261 230 234	550570
				0 261 230 235	550570
				0 261 230 262	550493
				0 261 231 001	550199
				0 261 231 006	550199
				0 261 231 036	550236
				0 261 231 038	550207
				0 261 231 047	550246
				0 261 231 071	550286
				0 261 231 077	550107
				0 261 231 079	550174
				0 261 231 095	550230
				0 261 231 128	550424
				0 261 231 130	550425
				0 261 231 144	550597
				0 261 231 146	550106
				0 261 231 168	550494
				0 261 231 169	550494
				0 261 231 173	550305
				0 261 231 178	550436
				0 261 231 188	550045
				0 261 231 203	550106
				0 280 122 001	550144
				0 280 122 003	550511
				0 280 122 009	550267
				0 280 122 014	550301
				0 280 130 039	550384
				0 280 130 039	550587
				0 280 130 085	550495
				0 281 002 102	550134
				0 281 002 121	550231
				0 281 002 123	550226
				0 281 002 137	550239
				0 281 002 138	550192
				0 281 002 163	550057
				0 281 002 165	550081
				0 281 002 177	550132
				0 281 002 191	550087
				0 281 002 213	550057
				0 281 002 214	550426
				0 281 002 215	550360
				0 281 002 222	550372
				0 281 002 285	550063
				0 281 002 332	550279
				0 281 002 394	550366
				0 281 002 399	550606
				0 281 002 401	550265
				0 281 002 406	550288
				0 281 002 437	550271
				0 281 002 438	550266
				0 281 002 453	550576
				0 281 002 456	550607
				0 281 002 474	550055
				0 281 002 477	550272
				0 281 002 486	550309

Original equipment numbers and pictures in this catalogue are used for reference purposes only.



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

0 281 002 510	550097
0 281 002 593	550173
0 281 002 603	550268
0 281 002 662	550327
0 281 002 717	550554
0 281 002 770	550565
0 281 002 771	550565
0 281 002 844	550097
0 281 002 845	550244
0 986 280 401	550182
0 986 280 403	550180
0 986 280 411	550024
0 986 280 411	550467
0 986 JG0 830	550590
0 986 JG0 832	550596
0 986 JG0 835	550595

BOUGICORD

141201	550000
141202	550001
141203	550002
141204	550003
141208	550001
141209	550002
141218	550001
141219	550002
143201	550481
143202	550184
143395	550482
143396	550185
144303	550004
144306	550114
144307	550005
144308	550115
144310	550186
144311	550187
144313	550006
144314	550007
144317	550008
144319	550009
144321	550116
144322	550117
144323	550010
144325	550118
144326	550175
144327	550011
144328	550176
144329	550012
144331	550013
144334	550014
144335	550015
144336	550016
144339	550017

144358	550018
144361	550019
144375	550470
144377	550117
144382	550471
144385	550472
144386	550473
144408	550020
144419	550177
144421	550178
144430	550179
144436	550180
144441	550021
144442	550022
144443	550023
144444	550072
144445	550024
144445	550467
144446	550051
144448	550058
144451	550181
144453	550066
144503	550026
144508	550027
144509	550028
144513	550029
144515	550120
144518	550120
144520	550032
144522	550188
144523	550189
144524	550474
144528	550033
144533	550483
144537	550119
144542	550120
144543	550476
144549	550119
144550	550029
144552	550476
144553	550033
144556	550478
144559	550479
144561	550479
144563	550119
144572	550480
145102	550484
145504	550300
145505	550035
145506	550036
145507C	550438
145511	550037
145519	550038
145520	550121

145521	550039
145522	550040
145523	550041
145525	550592
145528	550042
145531	550043
145532	550433
145535	550122
145544	550428
145546	550416
146404	550182
147201	550053

CHERY

A11-3705120	550222
-------------	---------------

CHEVROLET

25 037 223	550563
25 037 223A	550563
8941160A030	550259
93 342 146	550426
93 740 916	550400
96 179 944	550459
96 190 708	550496
96 213 551	550459
96 253 543	550498
96 253 544	550405
96 253 552	550406
96 279 856	550407
96 325 867	550401
96 325 868	550402
96 325 870	550391
96 330 547	550561
96 333 468	550390
96 351 837	550560
96 482 570	550392
96 508 200	550564

CHRYSLER

33000153	550140
5234313	550140

CITROEN PEUGEOT

1563 J4	550080
1628 1E	550511
1628 8V	550267
1628 JX	550269
1628 L1	550144
1635 Z9	550269
1920 0E	550131

1920 1H	550149
1920 1K	550130
1920 4G	550386
1920 4S	550140
1920 5T	550008
1920 5V	550009
1920 6C	550387
1920 6T	550116
1920 7N	550011
1920 7P	550012
1920 7V	550117
1920 8S	550176
1920 8W	550010
1920 8Y	550386
1920 9C	550013
1920 9F	550386
1920 9H	550131
1920 AC	550136
1920 AE	550118
1920 AJ	550133
1920 AN	550130
1920 AV	550016
1920 AW	550015
1920 C3	550004
1920 C5	550384
1920 CP	550279
1920 CX	550175
1920 CZ	550569
1920 E2	550114
1920 EH	550014
1920 EJ	550017
1920 EN	550018
1920 ES	550019
1920 EW	550095
1920 F5	550114
1920 FC	550140
1920 FP	550018
1920 FR	550494
1920 GJ	550472
1920 J5	550005
1920 J7	550080
1920 L1	550115
1920 LR	550470
1920 N0	550238
1920 P2	550148
1920 PJ	550383
1920 PW	550471
1920 QS	550473
1920 T8	550270
1920 W9	550006
1920 Y9	550228
1920 Z3	550007
1920.JL	550383
2529 24	550079



Tavole Comparative - Cross Reference List

4574 03	550136	96 254 238 80	550008	DACIA		10.3005	550130
4676 80	550133	96 266 356 80	550009	60 01 548 175	550024	10.3008	550147
4679 80	550494	96 275 932	550424	60 01 548 870	550379	10.3010	550131
5007 99	550511	96 285 398 00	550117	82 00 439 315	550058	10.3011	550141
5918 74	550482	96 285 598	550117	DAEWOO		10.3012	550132
5918 75	550185	96 285 598 80	550117	10 456 506	550153	10.3013	550137
5918 80	550427	96 285 599	550117	10 456 515	550155	10.3013	550360
5918 86	550481	96 285 599 80	550117	16 137 039	550140	10.3014	550239
5918 92	550184	96 291 398 80	550010	16 212 460	550141	10.3020	550162
5918 93	550187	96 296 843	550116	25 037 223	550563	10.3021	550148
5918 94	550186	96 306 836 80	550175	25 037 223A	550563	10.3023	550086
5940 09	550074	96 318 136	550130	8941160A030	550259	10.3032	550276
5946 03	550199	96 324 005 80	550011	90 411 972	550154	10.3034	550569
5946 07	550140	96 328 897 80	550176	93 740 916	550400	10.3053	550362
5946 09	550140	96 346 055	550118	96 179 944	550459	10.3054	550367
5946 15	550286	96 346 055 80	550118	96 183 235	550170	10.3055	550097
5946 17	550286	96 350 572 80	550047	96 190 708	550496	10.3056	550136
5946 23	550045	96 354 934	550136	96 213 551	550459	10.3058	550152
5946 28	550424	96 357 329 80	550013	96 253 542	550171	10.3059	550158
5946 30	550425	96 365 830	550133	96 253 543	550498	10.3071	550237
6160 24	550048	96 372 208 80	550014	96 253 544	550405	10.3072	550085
6160 70	550047	96 374 659 80	550015	96 253 545	550284	10.3073	550366
72 408 124	550144	96 374 660 80	550016	96 253 552	550406	10.3074	550194
72 408 744	550267	96 374 991	550017	96 253 615	550230	10.3076	550159
7240 874 400	550267	96 374 991 80	550017	96 279 856	550407	10.3077	550160
91 514 880	550199	96 384 235	550424	96 325 867	550401	10.3078	550261
91 537 676	550482	96 390 274 80	550569	96 325 868	550402	10.3080	550133
91 537 676 80	550482	96 393 814	550133	96 325 870	550391	10.3081	550125
91 537 677 80	550185	96 393 814 80	550133	96 330 547	550561	10.3082	550244
91 541 027	550427	96 394 188	550130	96 333 468	550390	10.3082	550271
91 541 027 80	550427	96 394 189	550136	96 351 837	550560	10.3086	550262
91 548 738	550427	96 394 190	550130	96 418 382	550155	10.3090	550365
95 644 631 80	550149	96 394 191	550136	96 418 393	550153	10.3090	550557
95 658 554	550238	96 399 998 80	550015	96 434 780	550171	10.3090	550570
95 658 554 80	550238	96 424 732 80	550269	96 482 570	550392	10.3091	550098
96 038 938	550144	96 435 790 80	550019	96 508 199	550154	10.3092	550364
96 046 388 00	550481	96 436 957 80	550321	96 508 200	550564	10.3093	550161
96 067 317	550114	96 436 957 80	550472	DAF		10.3097	550163
96 067 317 80	550114	96 453 114 80	550494	1292636	550144	10.3100	550157
96 068 168 80	550004	96 468 233 80	550018	1315659	550587	10.3101	550363
96 085 170 80	550005	96 611 359 80	550117	DAIHATSU		10.3102	550142
96 092 693	550080	96 637 525 80	550117	90919-05024-000	550440	10.3103	550142
96 127 657	550286	96 643 872 80	550315	90919-05047	550442	10.3106	550143
96 131 023 80	550148	96 643 873 80	550471	FACET		10.3112	550263
96 131 733	550115	96 647 321	550473	10.3001	550140	10.3114	550266
96 140 044 80	550184	96 648 938 80	550472	10.3002	550304	10.3133	550303
96 168 062 80	550187	96 654 434 80	550432	10.3003	550080	10.3136	550462
96 168 063 80	550186	96 654 435 80	550117			10.3226	550491
96 182 615	550131	96 654 436 80	550117			10.4001	550495
96 201 828 80	550386	96 654 467 80	550117			10.4005	550385
96 222 098 80	550006	9633475780	550012			10.4005	550386
96 222 624 80	550007	966 473 21 80	550473			10.4005	550409
96 231 119 80	550047					10.4012	550387
96 251 481 80	550270					10.4015	550406

Original equipment numbers and pictures in this catalogue are used for reference purposes only.



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

10.4015	550407	9.0112	550369	9.0241	550123	9.0344	550128
10.4016	550553	9.0127	550005	9.0242	550466	9.0344	550288
10.4021	550383	9.0127	550007	9.0250	550200	9.0344	550291
10.4027	550500	9.0130	550453	9.0252	550273	9.0345	550215
10.5001	550149	9.0132	550375	9.0254	550232	9.0346	550084
10.5002	550144	9.0137	550577	9.0258	550013	9.0348	550046
10.5002	550511	9.0142	550208	9.0259	550101	9.0349	550020
10.5064	550082	9.0149	550050	9.0260	550011	9.0354	550229
10.5064	550249	9.0151	550280	9.0263	550434	9.0355	550057
10.5082	550267	9.0153	550449	9.0265	550095	9.0356	550190
10.5083	550150	9.0155	550156	9.0266	550580	9.0361	550292
10.5086	550301	9.0156	550228	9.0268	550102	9.0365	550222
10.5093	550224	9.0157	550067	9.0269	550026	9.0367	550235
10.5094	550359	9.0160	550192	9.0269	550033	9.0368	550032
9.0001	550089	9.0162	550077	9.0271	550171	9.0368	550120
9.0002	550090	9.0164	550581	9.0272	550170	9.0371	550135
9.0003	550056	9.0166	550290	9.0273	550255	9.0377	550306
9.0005	550071	9.0168	550172	9.0277	550307	9.0378	550370
9.0010	550180	9.0169	550055	9.0278	550169	9.0379	550268
9.0011	550177	9.0169	550426	9.0279	550168	9.0380	550002
9.0016	550021	9.0170	550062	9.0280	550260	9.0381	550074
9.0019	550075	9.0172	550109	9.0281	550040	9.0388	550001
9.0021	550004	9.0173	550134	9.0285	550096	9.0391	550585
9.0021	550006	9.0175	550069	9.0288	550052	9.0397	550451
9.0022	550070	9.0176	550009	9.0291	550139	9.0398	550361
9.0023	550049	9.0177	550008	9.0292	550571	9.0400	550118
9.0026	550178	9.0178	550116	9.0293	550018	9.0401	550243
9.0028	550099	9.0180	550231	9.0296	550225	9.0403	550233
9.0032	550092	9.0187	550065	9.0297	550504	9.0407	550003
9.0035	550035	9.0188	550121	9.0298	550015	9.0423	550254
9.0036	550036	9.0189	550038	9.0299	550016	9.0438	550328
9.0037	550037	9.0189	550042	9.0301	550279	9.0439	550327
9.0043	550041	9.0194	550066	9.0302	550111	9.0440	550000
9.0044	550114	9.0195	550024	9.0303	550176	9.0452	550245
9.0046	550083	9.0196	550051	9.0304	550110	9.0458	550014
9.0053	550064	9.0197	550072	9.0305	550012	9.0460	550117
9.0056	550447	9.0199	550058	9.0308	550183	9.0470	550259
9.0060	550582	9.0204	550138	9.0309	550223	9.0477	550440
9.0065	550455	9.0205	550124	9.0310	550247	9.0478	550441
9.0066	550445	9.0206	550112	9.0313	550153	9.0480	550574
9.0073	550068	9.0207	550372	9.0314	550073	9.0481	550289
9.0074	550195	9.0208	550113	9.0316	550053	9.0482	550226
9.0075	550196	9.0210	550252	9.0317	550059	9.0483	550256
9.0076	550167	9.0211	550191	9.0319	550181	9.0485	550227
9.0082	550108	9.0213	550094	9.0320	550505	9.0490	550610
9.0087	550457	9.0219	550452	9.0321	550374	9.0494	550258
9.0090	550427	9.0221	550100	9.0322	550373	9.0504	550102
9.0092	550127	9.0222	550242	9.0323	550043	9.0505	550103
9.0094	550093	9.0225	550240	9.0327	550197	9.0536	550518
9.0097	550241	9.0228	550155	9.0332	550019	9.0540	550467
9.0098	550448	9.0235	550061	9.0333	550039	9.0556	550573
9.0101	550444	9.0236	550078	9.0335	550329	9.0571	550575
9.0103	550277	9.0237	550063	9.0337	550126	9.0573	550520
9.0105	550115	9.0238	550129	9.0343	550281	9.0579	550568



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

79167	550201	79290	550473	46764212	550069	60814769	550426
79168	550247	79292	550476	46769978	550364	60814770	550057
79170	550000	79293	550478	46769979	550303	60816553	550055
79171	550002	79294	550480	46774532	550064	7076359	550149
79172	550001	79295	550069	46778331	550074	7077710	550150
79173	550003	79296	550074	46779352	550190	7079246	550149
79175	550027	79297	550172	46786049	550128	7084986	550098
79176	550028	79300	550314	467860490	550128	71714218	550125
79177	550119			46798345	550000	71718233	550125
79178	550029			46798352	550268	71718678	550125
79179	550121			46798364	550001	71728656	550125
79180	550122			46798365	550002	71732447	550098
79181	550373			46798368	550245	71737620	550149
79182	550197			46802751	550096	71739267	550571
79183	550139			46806128	550055	71739267	550584
79186	550374			468061280	550055	71739292	550141
79188	550226			46811121	550245	73502752	550003
79189	550259			46811235	550097	73503657	550271
79192	550281			46815160	550306	735036570	550271
79194	550268			55187333	550064	7547235	550090
79195	550306			55187380	550370	7547714	550071
79196	550370			55187820	550305	7547976	550553
79197	550258			55187973	550292	7564592	550056
79198	550361			55189513	550069	7588435	550089
79199	550505			55189514	550074	7604582	550089
79202	550275			55189515	550067	7637025	550144
79204	550440			55189517	550064	7656271	550093
79205	550571			55189518	550096	7679221	550091
79210	550084			55189519	550095	7694335	550091
79215	550467			55189520	550127	7696064	550140
79216	550536			55198717	550565	7714662	550080
79217	550537			55201874	550001	7714824	550150
79218	550170			55206796	550097	7731633	550127
79220	550112			55206797	550244	7731818	550127
79220	550190			55229700	550370	7733001	550092
79221	550503			55240726	550607	7735697	550070
79225	550441			55352609	550574	77364869	550098
79226	550506			5944390	550089	77365691	550607
79228	550328			60512698	550199	7739430	550167
79231	550105			60513208	550375	7741311	550090
79238	550518			60523246	550071	7745679	550149
79239	550580			60534263	550199	7746949	550127
79240	550260			60549359	550144	7750716	550147
79246	550220			60560715	550280	7756924	550196
79247	550151			60592752	550230	7760493	550094
79248	550290			60800100	550071	7766251	550134
79260	550135			60806471	550553	77662510	550134
79261	550222			60808213	550071	7766252	550083
79262	550243			60809804	550147	77773440	550113
79287	550470			60810791	550230	7777960	550064
79288	550315			60811067	550080	7778981	550241
79288	550471			60811201	550113	7787256	550064
79289	550321			60814507	550080	7790917	550172
79289	550472			60814589	550062	7798691	550064

FERRARI

142434	550144
162419	550587

FIAT

07646975	550089
07735914	550067
100 4961 01	550607
112685	550097
4460206	550071
46406454	550127
46411135	550156
46411427	550228
46417650	550069
46432103	550057
46432909	550242
46433054	550367
46437264	550426
46440840	550094
46442091	550067
46446873	550426
46451792	550125
46454057	550094
46462120	550094
46468682	550360
46469866	550062
46469912	550252
46470477	550062
46472687	550062
46474585	550257
46477973	550200
46479456	550240
46479975	550067
46481306	550094
46481639	550426
46481640	550057
46520138	550191
46525288	550597
46531222	550080
46533518	550098
46538536	550095
46553045	550098
46754538	550112
46754539	550112



Tavole Comparative - Cross Reference List

7799032	550196	1071403	550248	1358032	550295	1S7A 9F479 AB	550157
7799033	550195	1079388	550289	1358343	550151	1S7A 9F479 AC	550157
9463327680	550386	1085854	550289	1358961	550102	1S7E 6C315 BA	550260
9565855480	550238	1086439	550161	1362065	550298	1S7F 12K073 AD	550040
960389388	550144	1087424	550161	1367334	550428	1S7F 6C315 AD	550039
9606816880	550004	1087548	550289	1367813	550261	1S7F 6D315 AA	550039
9609992380	550080	1094772	550099	1371593	550436	1S7P 7M101 KA	550223
9617220680	550511	1100748	550254	1371595	550430	2S6A 9F479 BA	550163
9618261580	550131	1100749	550102	1371654	550434	2S6A 9F479 BB	550163
9627389680	550386	1110834	550110	1374710	550298	2S6A 9F479 CB	550421
9628648280	550425	1110963	550262	1385381	550043	2S6Q 12K073 AA	550017
9629684380	550116	1111037	550111	1385382	550043	2S6Q 9E731 AA	550014
9631813680	550130	1112979	550297	1424270	550102	2S6T 9E731 AA	550314
9632400580	550011	1113276	550160	1431016	550102	2S6T 9E731 AB	550314
9635080680	550047	1119150	550039	1431017	550102	2S71 7H103 AA	550371
9635732980	550013	1119939	550157	1438809	550462	2S7G 9F475 AB	550164
9639418880	550130	1119941	550295	1439900	550157	2S7G 9F479 AA	550164
9639469280	550569	1119942	550040	1468879	550569	2S7G1 2K073 AA	550291
9640627780	550018	1127268	550152	1478729	550164	2S7Q 12K073 BA	550151
9655432780	550383	1129988	550039	1490907	550163	2S7Q 12K073 BB	550151
9664612580	550383	1131913	550043	1503280	550413	2S7Q 6C315 AC	550122
9944264	550099	1132002	550274	1516717	550421	3023785	550374
9944468	550149	1135856	550043	1517990	550315	3043996	550183
9945634	550150	1136248	550313	1517990	550471	3043998	550373
9946862	550144	1139330	550162	1535716	550370	3470609	550415
9947855	550259	1141598	550163	1535717	550245	3702615	550311
9950634	550150	1141998	550294	1564811	550370	3724887	550290
		1143723	550122	1564814	550245	3M21 6B288 AA	550254
		1143943	550311	1564860	550003	3M5Q 9E731 AA	550321
		1144420	550162	1580907	550117	3M6G 6C315 BA	550433
		1144809	550140	1580907	550432	3R23 9U434 AA	550137
		1148056	550017	1639282	550071	3S5T 9E731 AA	550431
		1148073	550014	1648138	550304	4091961	550042
		1197901	550310	1663387	550251	4094767	550290
		1202203	550323	1669755	550414	4096750	550260
		1205185	550106	1C1A 9F479 AA	550159	4138350	550159
		1206797	550371	1C1T 7H103 AA	550592	4161562	550592
		1219768	550220	1C1T-7H103BB	550592	4383679	550223
		1219993	550151	1C1Y 9F479 AA	550140	4383693	550223
		1222677	550291	1F1E 6B288 AA	550290	4384076	550415
		1223690	550164	1F1E 6B288 AB	550290	4429622	550223
		1231463	550569	1L2E 6B288 AA	550042	4469196	550290
		1231609	550431	1M5A 6C315 AB	550043	4533778	550314
		1231925	550321	1M5A 6C315 AC	550043	4541091	550260
		1253755	550254	1M5A 6C315 AD	550043	4583104	550314
		1256481	550569	1M5A 6C315 AE	550043	4610018	550464
		1318773	550433	1M5A 6C315 BA	550043	4617387	550373
		1319158	550292	1M5F 9S428 AA	550162	4617388	550183
		1323872	550043	1M5F 9S428 AB	550162	4621599	550260
		1330116	550422	1N1A 12A699 AA	550274	4628032	550374
		1338678	550412	1S4A 9F479 BA	550160	4731642	550042
		1347419	550151	1S4F 12K073 BA	550220	4747220	550429
		1355063	550220	1S7A 12A699 BA	550295	4781423	550416
		1357496	550298	1S7A 12A699 BB	550295	4826701	550464

FORD	
1001591	550193
1006990	550099
1007325	550419
1012923	550316
1012932	550318
1021991	550319
1021992	550322
1023008	550158
1026696	550417
1027538	550203
1029801	550246
1033914	550419
1037465	550038
1037605	550293
1041954	550152
1048905	550313
1053946	550248
1057051	550313
1062545	550289
1064452	550323
1066382	550313
1066383	550289
1068159	550296
1068171	550310

Original equipment numbers and pictures in this catalogue are used for reference purposes only.



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

4882780	550373	6953772	550165	90BB 9E731 AA	550322	97BB 9E731 AE	550313
4900624	550183	6C11 12K073 AA	550151	90BB 9E731 AB	550322	97GT 7H103 BB	550417
4952648	550418	6C11 9F479 AB	550413	90BB 9E731 AC	550322	97VB 9F479 BA	550158
4M51 12A699 AA	550298	6G9Q 9F479 AB	550462	90BB 9E731 BA	550319	97XF 9B989 AA	550203
4M51 12A699 AB	550298	6L8P 7H103 AA	550374	90BB 9E731 BB	550319	988F 9B989 BA	550248
4M51 12A699 BA	550298	6M21 6C315 AA	550102	90BB 9E731 BC	550319	988F 9B989 BB	550248
4M51 9F479 AA	550412	6M21 6C315 BA	550102	90BB 9E731 CA	550312	98AB 9E731 AC	550289
4M5G 12K073 AA	550292	6M21 6C315 CA	550102	90BB 9E731 CB	550312	98AB 9E731 AD	550289
4S7Q 9F479 AA	550422	6M3P 7M101 AA	550416	90BB 9E731 CC	550312	98AB 9E731 AE	550289
5L2E 6B288 AA	550042	6M5G 12A699 AA	550436	90BB 9E731 CD	550312	98AB 9E731 AF	550289
5L2E 6C315 AA	550429	6M5G 12K073 AA	550430	90GB 9E731 AA	550323	98AB 9E731 AG	550289
5L8E 6C315 AA	550260	6M5G 6C315 AA	550434	90GB 9E731 AB	550323	98AB 9E731 BA	550310
5L8E 6C315 AB	550260	6M5Y 9F479 AA	550261	90TF 9B989 AA	550205	98AB 9E731 BB	550310
5M51 12K073 AA	550220	6M8G 12K073 AB	550428	90TF 9B989 BA	550205	98AB 9F479 BA	550152
5S4P 7F293 AA	550464	7009578	550121	91SF 9B989 AA	550251	98AB 9S428 AB	550152
5S4P 7H103 AA	550373	7009579	550038	91XF 9B989 BA	550206	98MF 12A699 AB	550296
5S4P 7M101 AA	550183	7029017	550250	924F 6C315 AB	550438	98MF 12A699 BA	550294
6145039	550205	7033372	550041	928F 12K073 A1C	550041	9M 5Q12K 073AA	550117
6152883	550199	7079284	550312	928F 12K073 A1D	550041	9M5Q 12K073 AA	550432
6162877	550205	7103313	550290	928F 12K073 A1E	550041	9S51 12297 CA	550245
6164900	550036	7103314	550260	928F 6C315 A1F	550037	9S51 12K073 CA	550245
6169571	550199	7126713	550312	928F 9B989 BA	550249	9S51 9E731 AA	550003
6171849	550316	7151110	550312	928F 9B989 CA	550249	9S51 9E731 BA	550370
6171850	550318	7151111	550312	938F 9B989 CA	550193	9S519 J559 AA	550097
6181110	550202	7151113	550312	938F 9B989 DA	550250	BAT 6S701 A	550137
6181945	550300	7173046	550082	948F 6C315 AA	550037	E6EF 9F479 A2A	550304
6185106	550205	7203354	550317	94BB 9E731 AA	550312	E7DF 9F479 A2A	550165
6191989	550322	7203355	550324	94BB 9E731 BA	550312	F43E 6B288 AA	550290
6191990	550319	7217009	550322	94BB 9E731 DA	550312	F43E 6C315 AC	550260
6191991	550312	7217010	550319	95BB 9E731 AB	550323	F4SF 9B989 AA	550415
6191992	550323	7390774	550300	95BB 9E731 AC	550323	F4SF 9B989 AB	550415
6193226	550312	7418488	550437	95BB 9E731 BA	550311	F7RP 7M101 KB	550223
6444052	550205	7S4P 7F293 AA	550464	95BB 9E731 BB	550311	F8RP 7H103 AA	550374
6502252	550035	82030048	550195	95BF 12K073 AA	550038	V92A B9F47 9A	550147
6502253	550036	86SF 12A699 AB	550199	95BF 12K073 AB	550038	V93AB 9F479 AA	550420
6590860	550205	86TF 9B989 AA	550205	95BF 9B989 DA	550193	V93HF 6C315 AA	550300
6602999	550041	86TF 9B989 AB	550205	95BF 9B989 JB	550082	V93HF 9B989 BA	550414
6667704	550249	86TF 9B989 AC	550205	95GB 9E731 CA	550322	XM21 6B288 AA	550254
6700278	550322	86TF 9B989 AD	550205	95GB 9E731 DA	550319	XM21 6C315 AB	550102
6700279	550319	87SF 9B989 BA	550202	95GB 9E731 EA	550316	XM24 6C315 AA	550102
6700280	550323	87SF 9B989 CA	550202	95GB 9E731 FA	550318	XS2E 6B288 AA	550290
6740816	550037	87YF 6C315 AA	550300	95GT 7M101 AB	550419	XS4P 7H103 AB	550373
6854778	550202	88BB 9E731 AB	550316	95GT 7M101 AC	550419	XS4P 7M101 AB	550183
6854779	550204	88BB 9E731 BB	550318	95VW 12A699 AA	550246	XS6F 9F479 AA	550161
6854780	550205	88WF 6C315 AD	550035	95VW 7F923 AA	550099	XS6F 9F479 AB	550161
6854781	550206	88WF 9B989 CA	550204	95VW 7F923 AB	550099	XS7P 7M101 AB	550223
6854782	550249	89BF 6C315 AA	550036	95VW 9E731 AA	550317	YM21 12A699 BA	550106
6854783	550193	89BF 6C315 AB	550036	95VW 9E731 BA	550324	YS6A 12A699 AA	550297
6859701	550035	89BF 6C315 AC	550036	95VW 9E731 FA	550437	YS6A 12K073 AB	550111
6859702	550036	8R2P 7M101 AA	550418	95WF 6C315 AA	550121	YS6A 6C315 AB	550110
6859704	550438	8S4P 7H103 AA	550373	978F 12K073 BA	550293	YS6A 9F479 AA	550262
6859705	550037	8S4P 7M101 AA	550183	97BB 9E731 AB	550313	YS6G 12K073 AA	550084
6859706	550041	8S6Q 9E731 AA	550315	97BB 9E731 AC	550313		
6924087	550420	8S6Q 9E731 AA	550471	97BB 9E731 AD	550313		



Tavole Comparative - Cross Reference List

GENERAL MOTORS							
09 148 306	550580	96 022 527	550484	6PU 009 110-261	550208	6PU 009 121-701	550506
10 077 210	550564	96 190 708	550496	6PU 009 110-271	550073	6PU 009 121-711	550510
10 456 506	550153	96 213 551	550459	6PU 009 110-281	550108	6PU 009 121-801	550329
10 456 515	550155	96 253 543	550498	6PU 009 110-341	550075	6PU 009 146-001	550056
10 456 578	550183	96 253 545	550284	6PU 009 110-401	550024	6PU 009 146-011	550451
10 456 592	550281	96 325 870	550391	6PU 009 110-421	550214	6PU 009 146-021	550021
10 456 669	550054	96 418 382	550155	6PU 009 110-491	550166	6PU 009 146-041	550091
12 568 929	550098	96 434 780	550171	6PU 009 110-501	550275	6PU 009 146-061	550036
12 569 240	550140	96 482 570	550392	6PU 009 110-521	550227	6PU 009 146-071	550037
12 614 970	550141	96 508 199	550154	6PU 009 110-531	550455	6PU 009 146-101	550114
16 137 039	550140	97 180 388	550126	6PU 009 110-541	550453	6PU 009 146-121	550064
16 212 460	550141	97 306 560	550128	6PU 009 110-581	550457	6PU 009 146-151	550068
16 258 659	550141			6PU 009 110-601	550504	6PU 009 146-181	550005
17 06 682	550145			6PU 009 110-621	550076	6PU 009 146-181	550007
17 080 671	550146			6PU 009 110-641	550078	6PU 009 146-211	550192
17 087 653	550146			6PU 009 110-661	550234	6PU 009 146-241	550426
17 087 654	550145			6PU 009 110-681	550129	6PU 009 146-251	550109
17 106 681	550146			6PU 009 110-701	550066	6PU 009 146-261	550134
9 044 8771	550174			6PU 009 110-711	550051	6PU 009 146-281	550121
9 389 131	550140			6PU 009 110-721	550072	6PU 009 146-311	550058
90 063 543	550141			6PU 009 121 051	550088	6PU 009 146-331	550124
90 337 650	550577			6PU 009 121 181	550465	6PU 009 146-351	550242
90 357 480	550465			6PU 009 121 211	550466	6PU 009 146-401	550065
90 411 972	550154			6PU 009 121-011	550604	6PU 009 146-421	550011
90 423 637	550364			6PU 009 121-041	550059	6PU 009 146-511	550327
90 449 573	550466			6PU 009 121-061	550060	6PU 009 161-001	550502
90 492 061	550234			6PU 009 121-071	550508	6PU 009 161-007	550502
90 493 864	550581			6PU 009 121-081	550369	6PU 009 161-031	550048
90 499 610	550367			6PU 009 121-091	550111	6PU 009 163 171	550089
90 508 637	550273			6PU 009 121-131	550053	6PU 009 163-031	550052
90 510 127	550466			6PU 009 121-161	550035	6PU 009 163-041	550582
90 520 850	550247			6PU 009 121-201	550115	6PU 009 163-061	550427
90 536 392	550198			6PU 009 121-221	550061	6PU 009 163-131	550452
90 540 188	550192			6PU 009 121-271	550067	6PU 009 163-181	550123
90 541 409	550239			6PU 009 121-291	550042	6PU 009 163-191	550585
91 167 211	550139			6PU 009 121-311	550201	6PU 009 163-201	550255
91 177 63	550367			6PU 009 121-331	550002	6PU 009 163-221	550503
93 160 018	550141			6PU 009 121-341	550116	6PU 009 163-261	550110
93 170 309	550364			6PU 009 121-351	550117	6PU 009 163-271	550445
93 177 371	550097			6PU 009 121-361	550010	6PU 009 163-291	550176
93 178 045	550003			6PU 009 121-371	550118	6PU 009 163-301	550603
93 179 391	550000			6PU 009 121-381	550017	6PU 009 163-371	550197
93 179 392	550001			6PU 009 121-391	550020	6PU 009 163-391	550000
93 179 433	550268			6PU 009 121-411	550027	6PU 009 163-401	550003
93 232 415	550325			6PU 009 121-421	550028	6PU 009 163-411	550186
93 243 251	550225			6PU 009 121-431	550120	6PU 009 163-421	550187
93 741 836	550259			6PU 009 121-441	550032	6PU 009 163-431	550012
93 852 584	550568			6PU 009 121-451	550120	6PU 009 163-441	550013
93 857 630	550139			6PU 009 121-471	550038	6PU 009 163-451	550014
93 857 943	550568			6PU 009 121-481	550040	6PU 009 163-461	550015
93161007	550386			6PU 009 121-491	550041	6PU 009 163-471	550018
94 580 175	550146			6PU 009 121-501	550509	6PU 009 163-481	550029
				6PU 009 121-511	550448	6PU 009 163-491	550119
				6PU 009 121-651	550466	6PU 009 163-511	550122

HELLA

Original equipment numbers and pictures in this catalogue are used for reference purposes only.



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

6PU 009 163-531	550501
6PU 009 163-561	550505
6PU 009 163-801	550581
6PU 009 163-891	550536
6PU 009 163-921	550292
6PX 008 476-121	550145
6PX 008 476-131	550146
6PX 008 476-231	550144
6PX 008 476-251	550301
6PX 008 476-331	550511

HONDA	
37501 PLZ D00	550128
37830 PAA S00	550276
37830 PDF E01	550362
37830 RBD E01	550244
37840 PL2 026	550368
37841 RBD E010	550288
37841 RBD E010 M4	550288
37880 P5T G00	550587
78420 P5T G00	550231

HYUNDAI	
22330-38002	550403
35102-38610	550398
35170-22001	550144
35170-22010	550144
35170-22600	550301
35170-26900	550552
35170-37100	550399
39180-22040	550065
39180-22050	550065
39180-22090	550065
39180-22600	550168
39180-23000	550065
39180-23500	550355
39180-23910	550355
39180-27000	550408
39180-2B000	550575
39180-37150	550308
39180-37200	550308
39180-4A111	550258
39250-22010	550286
39250-22600	550287
39250-23010	550285
39250-23500	550468
39250-26600	550396
39250-37100	550544
39300-22600	550394
39300-27000	550531
39300-27400	550292
39300-2A000	550573

39300-38110	550394
39310-02600	550578
39310-38050	550329
39310-38060	550356
39310-38070	550579
39318-3C100	550519
39320-3C000	550588
39330-24750	550140
39330-26300	550325
39350-02800	550530
39350-22040	550169
39350-22600	550546
39350-23010	550307
39350-23700	550522
39350-25000	550555
39350-25010	550556
39350-26900	550523
39350-2B000	550520
39350-3E120	550521
39350-4A000	550461
39350-4A400	550532
39360-22040	550551
39500-38032	550543
39510-38021	550543
39650-42100	550545
42620-39200	550558
42621-39200	550559
94600-8A500	550549
96420-4A600	550548

ISUZU	
8-10456-515-0	550155
8-16212-460-0	550141
8-97226-992-0	550309
8-97226-992-1	550309
8-97306-560-1	550288
8-97306560-1	550128
8-97376-977-1	550554
8-97378-846-0	550309

IVECO	
500334956	550576
500343018	550279
504064370	550364
504088431	550271
504245257	550244
5162472	550375
73503657	550271
77990320	550196
7799033	550195
8029510	550144
99450797	550081

JEEP	
S100470209	550178

KHD	
04199330	550495
419 9334	550375
4199330	550495

KIA	
0K011-18-911	550144
0K013-18-13A	550358
0K013-18-13X	550358
0K01D-18-921	550285
0K04G-18-891	550460
0K08A-18-891	550460
0K0AF-18-921	550397
0K247-18-911	550144
0K2CC-18-921	550562
0K2N1-18-891	550233
0K30A-18-891	550357
0K30A-18-911	550144
0K30E-18-131B	550404
0K30E-18-211A	550395
0K950-18-211	550140
0K9A0-18-891	550083
0K9AA-18-891	550083
22330-38002	550403
35102-38610	550398
35170-26900	550552
35170-37100	550399
39180-27000	550408
39180-2B000	550575
39180-4A111	550258
39250-23500	550468
39250-26600	550396
39250-37100	550544
39300-22600	550394
39300-27000	550531
39300-2A000	550573
39300-38110	550394
39310-38050	550329
39310-38060	550356
39318-3C100	550519
39350-02800	550530
39350-22600	550546
39350-23700	550522
39350-25000	550555
39350-25010	550556
39350-26900	550523
39350-2B000	550520
39350-3E120	550521
39350-4A000	550461

39350-4A400	550532
39360-22040	550551
39510-38021	550543
42620-39200	550558
42621-39200	550559
94600-8A500	550549
96420-4A600	550548

LADA	
2111-3706040	550488
2112-1148200	550485
2112-3843010-30	550487
2112-3847010-04	550486
2112-3855020	550489

LAND ROVER	
ERR2082	550587
LR000442	550042
LR004396	550122
LR004492	550151
LR008935	550163
NSC000310	550572
YBE500020	550314

MAGNETI MARELLI	
064820083010	550071
064820084010	550089
064820150010	550056
064820167010	550091
064820168010	550092
064820171010	550070
111040144501	550093
111040206502	550094
111040211101	550067
111040211102	550095
111040211103	550064
111040211105	550074
111040211106	550069
111040211108	550096
215810001604	550080
215810001900	550147
215810605000	550202
219244240500	550149
219244300500	550150
230016070077	550148
230016080057	550238
230016080067	550270
510033707201	550384
510040101003	550064
510040101004	550069
64820083	550071



Tavole Comparative - Cross Reference List

64820084	550089
64820088	550090
64820150	550056
64820167	550091
64820168	550092
64820171	550070
806001535002	550125
806001990501	550125
810001989801	550370
810002023702	550096
810007726501	550269
810007726502	550269
CA0077265	550269
CA0077265/1	550269
CWM02/1	550067
CWM02/2	550095
CWM02/3	550064
CWM02/5	550074
CWM02/6	550069
CWM02/8	550096
CWM03/1	550370
KITPF1C	550150
KITPF2C	550149
PF07/01	550202
PF07/03	550202
PF16080067	550270
PF90/018	550238
PRT03/04	550080
PRT03E/04	550148
PRT06/00	550147
SEN 8D	550071
SEN 8D3	550070
SEN 8E	550089
SEN 8I	550090
SEN 8I3	550092
SEN 8K3	550091
SEN 8M	550056
SEN 8U	550093
SFA 200	550094
SVF001	550202
SZA003	550384
T-PRT05	550125
T-PRT05/02	550125
T-PRT05/A	550125

MAN	
51 27120 7038	550327

MASERATI	
CA0075738A	550303

MAZDA	
1E00 18 221	550037
1E03 18194 A	550038
1E03 55475 B	550311
30757381-AA	550295
8A01 4378S A	550323
8A03 4378S C	550313
AJ03 18921	550296
B595-18-921	550331
C201 18211	550163
C201 18211 A	550163
C201 18211 Z01	550163
C201 18221	550110
C201 18221 Z01	550110
C201 18230 Z01	550111
C202 21551	550289
C202 21551 Z01	550289
FSD7 18 221B	550345
FSD7 18 230	550542
FSD7 18 921C	550332
FW84 21550	550223
FW84 21550 Z01	550223
GY01 18 221	550260
GY01 18 230	550290
GY02 18 921A	550339
GY07 18221 A	550260
GY07 18230 A	550290
KL01 18 221	550344
KL47 18 211A	550330
L808 18211	550164
L808 18211 Z 01	550164
LF01 18211	550157
LF01 18211 Z 02	550157
LF01 18230 Z 06	550040
LF01 18921	550295
LF01 18921 Z 05	550295
WE01 18 211	550244
Y401 18 221	550014
Y601 18 211A	550569
Y601 18 211B	550569
Y603 18221	550315
Y603 18221 Z01	550315
YF09 18 221	550037
YF09 18230	550041
Z05 3D1Y 2 155	550183
ZJ01 18 230	550348
ZJ01 18 921	550340
ZL01 18 221A	550354
ZL02 18 921	550341

MERCEDES-BENZ	
002 153 95 28	550369

003 153 27 28	550275
003 153 28 28	550275
003 153 72 28	550226
003 153 74 28	550226
003 153 75 28	550256
003 153 83 28	550328
003 153 89 28	550045
003 153 95 28	550166
003 153 96 28	550166
003 153 97 28	550509
004 153 00 28	550508
004 153 07 28	550328
004 153 13 28	550510
004 153 31 28	550142
004 153 32 28	550143
004 153 62 28	550424
004 153 69 28	550328
004 153 82 28	550607
004 153 90 28	550045
005 153 50 28	550143
005 153 59 28	550524
006 153 14 28	550142
006 153 36 28	550045
157 153 01 28	550271
A 002 153 95 28	550369
A 003 153 27 28	550275
A 003 153 28 28	550275
A 003 153 89 28	550045
A 003 153 95 28	550166
A 003 153 96 28	550166
A 003 153 97 28	550509
A 004 153 00 28	550508
A 004 153 13 28	550510
A 004 153 82 28	550607
A 004 153 90 28	550045
A 006 153 36 28	550045

MINI	
13 62 7 791 127	550128
13 62 7 794 981	550569
13 62 7 794 982	550383
13 62 7 805 004	550014
13 62 7 805 005	550117
13 62 7 808 449	550471

MITSUBISHI	
1865A014	550611
E001T42171	550338
E1T42171	550338
E1T52271	550611
J005T10771	550342
J005T11071	550343
J005T15171	550345

J005T20171A	550346
J005T23071A	550329
J005T23191	550347
J005T23891	550350
J005T26273	550353
J005T27072	550354
J5T10171	550282
J5T10771	550342
J5T11071	550343
J5T15071	550344
J5T15171	550345
J5T20171A	550346
J5T23071A	550329
J5T23071A	550525
J5T23191	550347
J5T23381	550126
J5T23891	550350
J5T26273	550353
J5T27072	550354
J5T30771	550533
J5T30773	550534
MB16244349	550142
MD131681	550333
MD173144	550336
MD184950	550337
MD304932	550334
MD304933	550335
MD321888	550022
MD327107	550525
MD355556	550338
MD357274	550351
MD614734	550512
MD614735	550513
MD614772	550512
MD615571	550439
MD628074	550515
MD628077	550516
MN960274	550275
MN960372	550275
MN982270	550014
MN982271	550117
MN982334	550315
MN982334	550471
MR420734	550353
MR560132	550346
MR560276	550352
MR578768	550533
MR985041	550524

NISSAN	
22060-2A000	550598
22060-30P00	550590
22060-30P00A	550590

Original equipment numbers and pictures in this catalogue are used for reference purposes only.



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

22060-7B000	550566	12 36 006	550615	62 38 050	550327	90 458 252	550060
22365 9X700	550607	12 36 308	550281	62 38 079	550247	90 464 741	550192
22620-1F700	550301	12 37 183	550613	62 38 084	550367	90 483 739	550077
22630-00QAA	550386	12 38 223	550197	62 38 098	550129	90 492 061	550234
22630-00QAC	550386	12 38 228	550073	62 38 099	550198	90 505 794	550084
22630-BN701	550386	12 38 241	550225	62 38 101	550063	90 506 103	550073
23731-2Y52A	550528	12 38 244	550364	62 38 109	550061	90 510 281	550199
23731-31U10	550282	12 38 268	550614	62 38 110	550084	90 511 177	550174
23731-31U11	550282	12 38 341	550580	62 38 117	550153	90 520 854	550129
23731-4M500	550526	12 38 345	550199	62 38 118	550155	90 520 856	550078
23731-4M505	550526	12 38 358	550068	62 38 120	550141	90 530 439	550301
23731-4M506	550526	12 38 425	550059	62 38 126	550234	90 532 619	550061
23731-4M50B	550526	12 38 750	550273	62 38 153	550126	90 536 064	550059
23731-5M000	550526	12 38 782	550577	62 38 158	550571	90 536 392	550198
23731-5M001	550526	12 38 788	550140	62 38 158	550584	90 540 188	550192
23731-5M005	550526	12 38 911	550465	62 38 159	550141	90 541 502	550301
23731-6J906	550583	12 38 912	550174	62 38 181	550212	90 541 577	550587
23731-6N202	550539	12 38 914	550076	62 38 186	550571	90 560 111	550084
23731-6N20A	550539	12 38 915	550060	62 38 186	550584	91 18 374	550084
23731-6N20B	550539	12 38 937	550053	62 38 210	550271	91 58 595	550271
23731-6N20C	550539	12 38 938	550052	62 38 241	550574	91 96 671	550271
23731-6N20D	550539	12 38 999	550466	62 38 312	550154	93 171 176	550271
23731-6N21A	550539	12 567 712	550571	62 38 313	550068	93 171 450	550201
23731-9X800	550192	17 080 671	550146	62 38 325	550050	93 177 171	550305
23731-AL60C	550529	17 087 653	550146	62 38 337	550466	93 177 414	550097
23731-AW300	550139	17 087 654	550145	62 38 341	550199	93 178 046	550002
23731-BN700	550058	17 106 681	550146	62 38 361	550174	93 179 513	550057
23731-BN701	550046	17 106 682	550145	62 38 370	550054	93 179 850	550327
23750-00Q0D	550568	24 420 696	550305	62 38 376	550581	93 183 528	550292
23750-00Q0K	550536	24 420 761	550266	62 38 377	550073	93 187 247	550565
23750-00QAB	550139	24 459 853	550271	62 38 391	550239	93 190 052	550097
23750-00QAD	550058	24 576 398	550571	62 38 393	550077	93 194 121	550565
23750-00QAE	550066	44 02 729	550139	62 38 395	550192	93 243 251	550225
23750-00QAF	550568	44 09 668	550141	62 38 412	550239	97 226 992	550554
23760-00QAB	550046	44 12 325	550386	62 38 459	550078		
23798-00QAC	550024	44 13 261	550568	62 38 646	550002		
25977-7F405	550087	44 14 098	550139	62 38 927	550140		
ADN17210	550590	44 30 629	550139	8 15 701	550140		
		48 05 506	550284	8 17 203	550145		
		55 354 601	550327	8 17 204	550145		
		55 563 372	550615	8 25 482	550146		
		55 566 932	550613	8 25 483	550146		
		55 567 257	550493	8 25 484	550146		
		55 571 994	550614	8 26 924	550144		
		55198717	550565	8 51 365	550266		
		62 35 604	550128	9 118 368	550061		
		62 35 607	550554	9 174 621	550073		
		62 35 631	550097	90 12 039	550201		
		62 35 645	550003	90 298 201	550199		
		62 35 664	550268	90 323 839	550144		
		62 35 665	550001	90 423 088	550587		
		62 35 666	550000	90 451 441	550068		
		62 35 667	550057	90 451 442	550050		
		62 35 697	550574	90 458 251	550076		
PIAGGIO							
				639366		550061	
PIERBURG							
				4.02003.02.0		550150	
				4.02003.03.0		550149	
				4.02003.04.0		550145	
				4.02003.06.0		550205	
				4.02003.07.0		550082	
				4.02003.08.0		550249	
				4.02003.09.0		550206	
				4.02003.10.0		550204	
				4.02003.11.0		550202	
				4.02003.15.0		550248	
				4.02003.16.0		550250	
				4.02003.17.0		550203	
				4.02003.18.0		550193	
				4.02003.20.0		550146	



Tavole Comparative - Cross Reference List

4.02003.35.0	550443
4.02003.49.0	550267
4.02003.49.0	550511
4.02003.53.0	550301
7.18222.01.0	550140
7.18222.21.0	550133

PORSCHE

928 606 143 00	550587
944 606 116 00	550144
944 606 145 00	550199
955 606 180 00	550364
993 606 114 00	550495
996 606 106 01	550328
996 606 106 03	550291
996 606 180 00	550364
997 606 121 00	550305
9R4 606 205 00	550303

PROTON

PW810694	550098
----------	---------------

RENAULT

50 00 288 407	550071
50 10 412 449	550061
60 01 548 175	550024
60 01 548 870	550379
60 25 003 234	550177
60 25 403 357	550181
74 39 146 108	550135
77 00 100 009	550079
77 00 100 566	550058
77 00 101 969	550024
77 00 101 970	550051
77 00 101 971	550066
77 00 103 069	550051
77 00 106 644	550141
77 00 108 073	550072
77 00 109 055	550058
77 00 113 552	550139
77 00 271 090	550199
77 00 273 419 A	550066
77 00 273 699	550224
77 00 414 695	550378
77 00 418 919	550377
77 00 425 250	550378
77 00 706 876	550140
77 00 710 088	550178
77 00 732 300	550180
77 00 739 591	550177
77 00 739 787	550179
77 00 739 789	550178

77 00 739 791	550179
77 00 739 792	550180
77 00 739 793	550021
77 00 739 794	550021
77 00 747 548	550023
77 00 810 043	550378
77 00 850 589	550075
77 00 850 591	550177
77 00 855 719	550023
77 00 855 719	550049
77 00 855 719F	550049
77 00 859 831	550022
77 00 866 055	550044
77 00 875 184	550024
77 01 040 781	550411
77 01 044 743	550150
77 01 047 921	550144
77 01 055 723	550387
77 01 204 055	550149
77 01 206 371	550224
77 01 402 250	550064
82 00 033 686	550046
82 00 105 165	550086
82 00 121 800	550086
82 00 164 249	550385
82 00 225 971	550173
82 00 244 869	550518
82 00 260 327	550568
82 00 285 798	550046
82 00 370 572	550020
82 00 370 572D	550020
82 00 396 919	550024
82 00 412 638	550518
82 00 415 409	550386
82 00 415 410	550409
82 00 428 137	550518
82 00 436 025	550024
82 00 439 315	550058
82 00 443 891	550139
82 00 454 482	550386
82 00 468 645	550051
82 00 468 646	550066
82 00 468 647	550072
82 00 513 668	550568
82 00 643 171	550467
82 00 647 388	550536
82 00 647 554	550537
82 00 647 559	550518
82 00 680 689	550044
82 00 833 248	550385
89 33 000 153	550140

ROVER

NSC100110	550231
NSC100110L	550231

SAAB

4227203	550068
4504296	550465
5167895	550362
756880	550199
7568801	550199
885719	550144
8857195	550144
90423637	550364
9177221	550264
9181538	550301
93171176	550271
93194121	550565
9543901	550271
9544560	550192

SCANIA

1789360	550305
30561772	550264
4772232	550192
5166434	550098
5167895	550362
55557326	550264

SIEMENS VDO

330001005R	550107
5WK90051Z	550218
5WK90541Z	550076
5WK90551Z	550060
5WK90554Z	550201
5WK96011Z	550088
5WK96052	550247
5WK9607	550073
5WK9680	550163
5WK96805Z	550600
5WK96812	550163
5WK96812Z	550163
5WK9681Z	550086
5WK9693Z	550194
A2C53183840	550467
A2C59511568	550234
A2C59513358Z	550467
A2C59513359Z	550536
A2C59513360Z	550537
D38142	550085
D38145	550098
G855302990800Z	550207

G85530299150Z	550601
G85530299160Z	550602
S101750013Z	550021
S101750016Z	550180
S101750021Z	550049
S101756003Z	550075
S101918001Z	550068
S101938001Z	550050
S101938002Z	550077
S101938004Z	550129
S102340005Z	550004
S102340006Z	550004
S102340006Z	550006
S102460001Z	550208
S103008002	550234
S103057001Z	550154
S103541001Z	550209
S103557002Z	550210
S103857002Z	550073
S103957001Z	550108
S103995001Z	550045
S105548001E	550024
S105570001Z	550247
S105578001Z	550078
S105722003Z	550212
S105757001Z	550051
S105758001Z	550066
S105778001Z	550059
S107126001Z	550213
S107230001Z	550214
S107541001Z	550197
S107542002Z	550111
S107543002Z	550110
S107583005Z	550215
S107583008Z	550216
S107583009Z	550217
S107644002Z	550011
S107646001Z	550106
S119044012Z	550603
S119296001	550518
S119297061	550568
S119445001Z	550604
S119915001Z	550024
S119974001Z	550066
S119976001Z	550072

SMART

000 3117 V002	550166
000 3228 V002	550229
000 3228 V002 000 000	550229
001 6146 V001	550142
005 153 59 28	550524

Original equipment numbers and pictures in this catalogue are used for reference purposes only.



Tavole Comparative - Cross Reference List

Original equipment numbers and pictures in this catalogue are used for reference purposes only.

SSANGYONG	
002 153 95 28	550369
003 153 72 28	550226
003 153 74 28	550226
003 153 75 28	550256

SUBARU	
22053-AA040	550283
22053-AA050	550283
22053-AA051	550283
22053-AA052	550283
22060-AA031	550596
22060-AA070	550595
33220-80G00	550350

SUZUKI	
13800-T79J5	550565
18590-69K00	550569
18590-73J00	550569
18590-79G61-000	550244
18590-79J50	550565
18590-79J50-000	550565
18590-84E50	550097
18590-T79J5	550565
33220-50G02	550347
33220-58J20	550527
33220-63J00	550535
33220-63J10	550534
33220-67G10-000	550117
33220-70E00	550342
33220-76G02	550349
33220-78A00	550343
33220-80G00	550350
33220-86CT0-000	550117
37520-10B3	550236

TOYOTA	
89452-33030	550443
89452-33040	550443
89615-02020	550589
89615-12090	550591
89615-20090	550567
89615-20090	550589
90080 19026	550288
90080-19026	550128
90919-05012	550610
90919-05017	550517
90919-05024	550440
90919-05025	550541
90919-05045	550441
90919-05047	550442

90919-05050	550540
90919-05055	550128
SU001-00839	550383
SU001-00873	550315

VALEO	
211970677	550079
215912874	550046
255301	550377
255302	550378
2576015	550044
2576032	550045
2576035	550411
2576037	550048
2576063	550047
281528154	550046
V29000882	550044

VAUXHALL	
09 115 115	550197
12 38 223	550197
62 38 312	550154
62 38 313	550068
90 451 441	550068
90411972	550154

VOLVO	
1336385	550144
1367644	550199
1378162	550140
1389399	550182
1389399	550451
13893995	550451
20513343	550061
271949	550182
30617112	550139
30658180	550295
30658180 A	550295
30658182	550040
30658182	550292
30658182 A	550040
30658184	550157
30711104	550014
30711660	550110
30711660 A	550110
30711662	550294
30711662 A	550294
30711663	550111
30711663 A	550111
30713485	550434
30757381	550295
30777255	550383

30874179	550525
31216185	550569
31216677	550315
31216677	550471
31216677 AA	550315
31216702	550383
31251242	550157
31251242 AA	550157
3204141-0	550177
3209826	550180
3411400	550140
3433347	550199
3450030	550144
3547669-3	550208
3547699	550208
3547847	550182
3547847	550451
35478478	550451
8653171	550436
8653703	550321
8653703-A	550321
8658495	550430
8670292	550569
8677288	550261
8691099	550313
8691099 A	550313
9125462	550137
9146108	550135
9146315	550149
9146315-8	550149

VW	
004 153 822 8	550607
012 409 191 D	550502
01M 927 321	550138
021 905 377	550246
021 907 319 B	550255
021 957 147	550505
024 905 379 6	550587
027 998 041 1	550365
027 998 385 1	550359
02T 906 207	550480
030 905 377 C	550106
030 906 051	550237
030 906 051 A	550237
030 907 601 E	550120
030 957 147 F	550376
030 957 147 G	550221
030 957 147 K	550376
030 957 147 S	550388
036 906 051	550194
036 906 051 C	550491
036 906 051 E	550363

036 906 051 G	550605
036 907 601	550026
036 907 601 A	550026
036 907 601 B	550026
036 907 601 C	550026
036 907 601 D	550033
036 907 601 E	550033
037 905 377 A	550107
037 906 433 A	550108
037 906 433 B	550108
037 906 433 C	550108
038 906 051	550132
038 906 051 A	550366
038 906 051 B	550606
038 906 051 C	550265
038 906 051 D	550263
038 907 319	550452
038 907 319 D	550102
038 907 319 J	550102
038 907 319A	550585
038 907 319F	550585
038 957 147 A	550254
038 957 147 D	550102
038 957 147 E	550103
038 957 147 F	550102
038 957 147 G	550254
03C 906 051	550365
03C 906 051 F	550557
03C 906 051 F	550570
03C 906 433 A	550479
03C 906 433 B	550479
03D 906 051	550194
03D 906 433	550029
03D 907 601	550032
045 906 433 A	550119
045 906 433 B	550479
045 957 147	550101
045 957 147 A	550254
045 957 147 B	550254
045 957 147 C	550101
046 905 379	550587
050 906 433	550504
054 905 377	550236
054 905 377 A	550207
054 905 377 G	550236
054 905 377 H	550207
057 130 767	550288
058 905 161 B	550222
058 905 379	550495
06A 905 161 B	550235
06A 905 377	550601
06A 905 377 A	550602
06A 905 377 D	550215
06A 906 433 A	550361



Tavole Comparative - Cross Reference List

06A 906 433 C	550109		
06A 906 433 E	550361		
06A 906 433 F	550458		
06A 906 433 K	550232		
06A 906 433 L	550123		
06A 906 433 N	550123		
06A 907 601	550474		
06B 905 163 A	550028		
06B 906 051	550085		
06C 905 163 B	550027		
06C 905 163 C	550188		
06C 905 377	550217		
06E 905 163	550189		
06E 906 433	550104		
06H 905 163 A	550476		
06H 906 433	550105		
078 905 155	550243		
078 905 161 A	550243		
078 905 161 C	550243		
078 905 375	550445		
078 906 433 A	550372		
078 906 433 B	550124		
07C 906 018 H	550280		
07D 905 377	550216		
07K 907 601	550483		
07K 907 601 A	550478		
07L 905 163	550476		
095 927 321 A	550099		
095 927 321 B	550100		
095 927 321 C	550099		
0B8 927 321	550328		
270 600 001	550362		
2E0 906 051 A	550142		
2R0 906 051 C	550271		
2R0 906 433 D	550426		
357 919 149	550324		
377 906 306 C	550080		
377 906 309 C	550080		
60603937	550091		
7M0 919 149	550317		

Original equipment numbers and pictures in this catalogue are used for reference purposes only.





***NOTE * NOTES
NOTES * ANMERKUNGEN***





***NOTE * NOTES
NOTES * ANMERKUNGEN***



A series of horizontal dotted lines providing a template for handwritten notes, filling the majority of the page's content area.