

# **AISIN**

*Geared up for the future*



## **Aftermarket Products CATALOG**



# AISIN

One Team, Best Future

# AISIN ADVICS



Clutch Disc



Clutch Cover



Fan Clutch



Free Wheel Hub



Water Pump



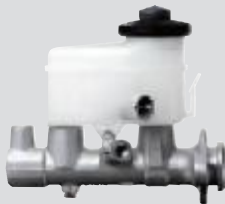
Oil Pump



Fan Blade



Hydraulic Belt Tensioner



Brake Master Cylinder



Brake Wheel Cylinder



Clutch Release Cylinder



Brake Pads

## Meet the AISIN Family



[www.aisinaftermarket.jp](http://www.aisinaftermarket.jp)

# AISIN

## Aftermarket Products



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## Brand Promotion

### 40 Years as ASCO, future as AISIN

As one of the prominent leaders in Original Equipment automotive parts manufacturing, AISIN is over 53,000 employees strong in 140 associated global subsidiaries, and is the 6th ranked in the world by FOURIN's "Monthly Report on the World Automotive Industry". Developed using AISIN OE Manufacturing Technology, Aftermarket Merchandising announced the discontinuance of the ASCO brand, and as of 2005, the products will be marketed under the original AISIN name. New logos, packaging, and marketing signify a celebration of 40 years and commemorate a new outlook into the future.

### Proactive Supplier of Value

If AISIN Aftermarket were a person, its character would be summed up in the phrase of "Proactive Supplier of Value". With a constantly autonomous and active stance, this personality is based on the essence of two important aspects: "a proactive supplier that appeals to the customer and market" and "that provides not only "things" to customers, but value that goes along with the products and service".



## Brand Protection

### "No Counterfeit Parts"

AISIN has been actively involved in preventing the manufacturing and sale of counterfeit products. In addition to our own efforts, AISIN is also participating with the "NO Counterfeit Parts" movement in conjunction with the Japan Auto Parts Industries Association (JAPIA).

Our goal is to eliminate counterfeit parts through individual and organized group efforts. If you have any information on the sale or production of counterfeit items, please contact your local representatives immediately or you may send us information directly using the Counterfeit Report Form.



## Design of the AISIN Logo

The initial letter "A" in AISIN is the first letter of the alphabet, and it often expresses leadership and superiority. AISIN's advanced originality is expressed by the open shape of the "A," which symbolizes open mindedness.



## "Geared up for the future"

We pursue advanced technology and improved quality, envisioning the future for people, automobiles, and the world. Through the creation of one-of-a-kind products, we are pioneers in new value, delivering innovations that are ahead of their times, one after another.

## "Quality First"

Since our very beginning, Aisin Seiki has been built on a long-standing dedication to "quality first." It's a principle that defines the organization, from product development and assurance through customer satisfaction, the environment and our sense of social responsibility and contribution.

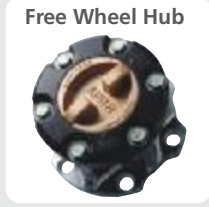


## "Don't Produce! Don't Sell! Don't Buy!"

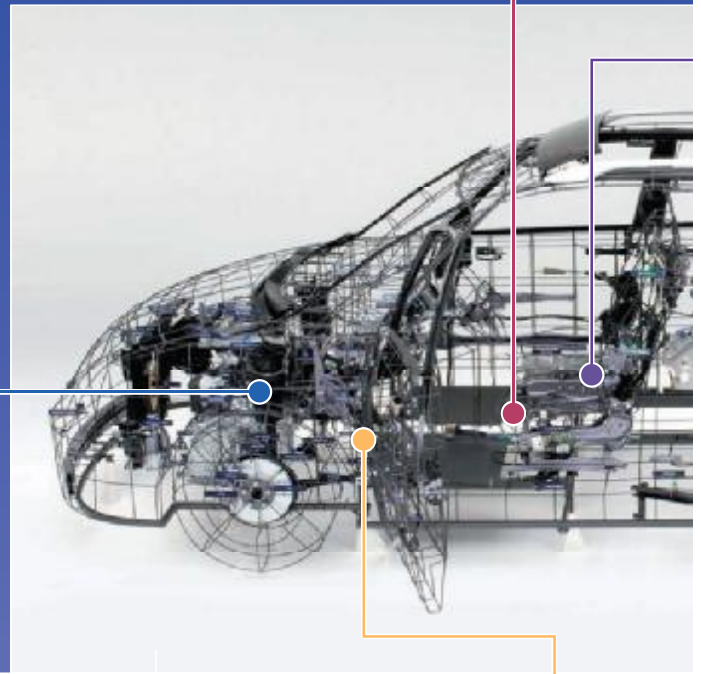
Japan Auto Parts Industries Association (JAPIA) is providing a series of posters as part of the "No Counterfeit Parts" movement. To provide international awareness of illegal activities, posters are available in several key languages: English, French, Spanish, Chinese, and Arabic. Please contact your local sales representatives to receive posters and additional information. You may also apply directly using the Request Form.



## Drivetrain related



## Engine related



## Brake related



# Line-up

## AT related

Flywheel Damper



Torque Converter



AT Solenoid



## Accessories related

Spoiler



Roof Rail



## Others AT Fluid

ATF



CVT



Brake Booster



[www.aisinaftermarket.jp](http://www.aisinaftermarket.jp)



# 100% OE Quality You Can Trust.

Spring 2010: AISIN's precision honed brake hydraulics and SEI's OE quality brake pads will become ADVICS.

ADVICS is the premier brake systems supplier to car manufacturers around the world.





# Products Catalog

# Clutch



AISIN's original equipment technology and know-how is used to ensuring product quality.

## Cover Features

- Aisin's "Hot Seating" process stabilizes performance of the diaphragm spring.
- Diaphragm Spring Turnover (DST) type cover improves release of pressure plate.
- Higher load capacity, achieved by the latest designs enables an increase in vehicle application.

## Disc Features:

- Premium quality, heat resistant and less abrasive facings ensures
- extended service life of clutch components.
- Aisin's disc spring design enhances engagement and release performance.  
Floating rubber cushions or twin-hub types ensure low twisting rigidity to reduce noise, vibration and harshness.

# Water Pump



AISIN, the No. 1 original equipment manufacturer of water pumps in the world, manufactures for the aftermarket to protect engines from severe heat.

## Features

- Engine specific water pressure is achieved without excessive load to engine.
- Aisin's aluminum die-casting technology allows for size and weight reduction.
- Improved strength in body design and carbon ceramic mechanical seals assures leak prevention.



High precision machining process for Water Pumps

# Hydraulics



AISIN's original equipment technology and know-how is applied to design and engineer hydraulics. Each part is manufactured vehicle specific, ensuring product quality and reliability.

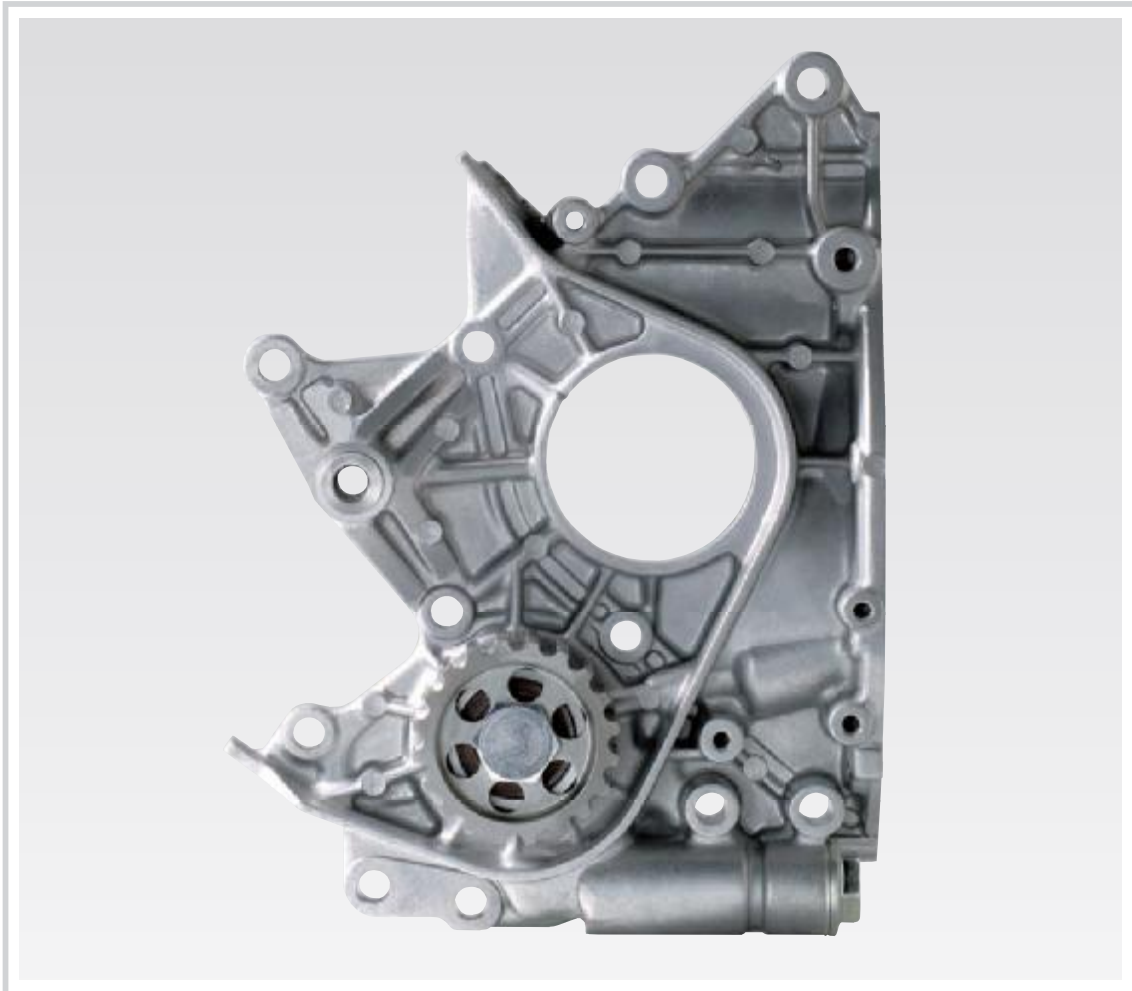
## Features

- Precision honing of hydraulic cylinders are monitored under OE quality control standards.
- Anodizing and "Kanizen" plating of cylinder bodies strengthens surface, ensuring smooth operation of the piston, and resists corrosion.
- Heat resistant and extended life Ethylene Propylene Rubber (EPDM) seals prevent leakage.
- Quick response design reacts to driver's clutch and brake pedal input.



All weather performance testing for vehicle Hydraulics

# Oil Pump



Engineered to exacting OE specifications, AISIN Oil Pumps deliver ideal oil pressure to the engine without creating excess load. Lubricating critical components to extend the life of the engine, AISIN Oil Pumps are always OE Matched.

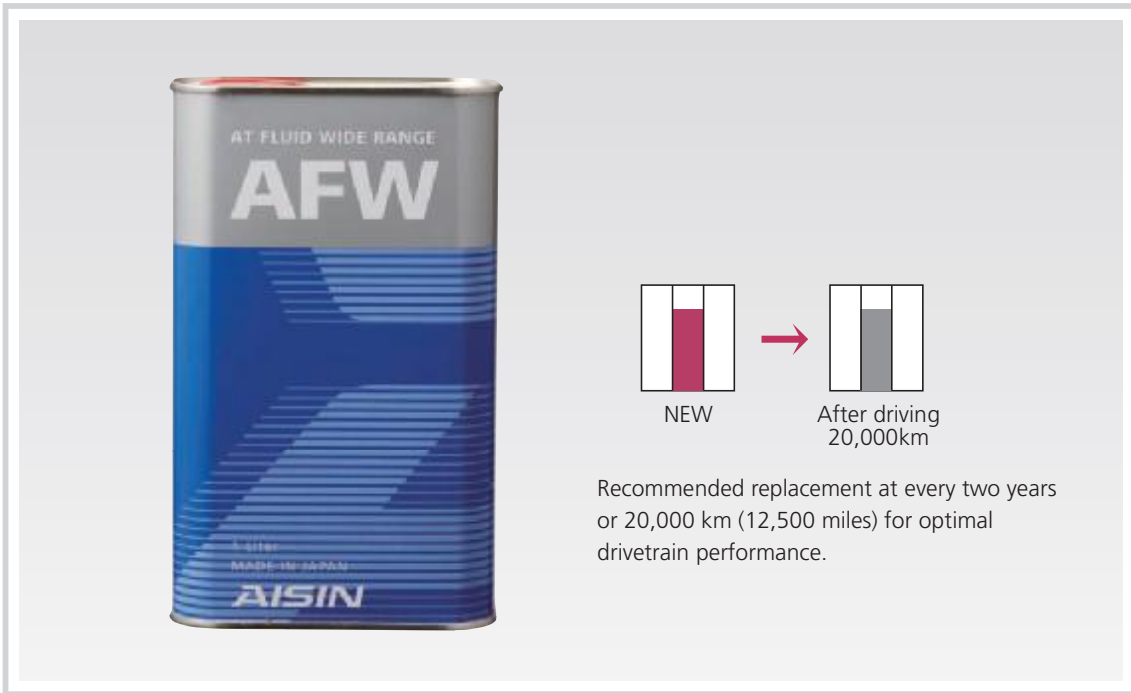
## Features

- Delivers ideal oil pressure to the engine without creating excess load.
- AISIN aluminum die-casting technology allows for size and weight reduction.
- Lubricates critical components to maximize the life of the engine.



Oil pump test on engine dynamometer

# ATF







Recommended replacement at every two years or 20,000 km (12,500 miles) for optimal drivetrain performance.

World renowned for transmission development and manufacturing, AISIN Drivetrain Engineering has introduced the AISIN Automatic Transmission Fluid (ATF). By applying decades of knowledge, experience, and development in cooperation with automotive manufacturers, AISIN has developed a state of the art ATF that will maximize performance and longevity of automotive transmissions. AISIN is the only transmission manufacturer to engineer its own ATF. Along with traditional transmission platforms, AISIN has also developed a CVT (Constant Velocity Transmission) transmission fluid.

## Features

- Excellent low-temperature flow and viscosity characteristics ensure smooth engaging even in severe winter weather conditions.
- Optimally engineered fluid friction coefficient ensures swifter gear selection and reduces shift shock.
- Optimally engineered fluid friction coefficient reduces drivetrain power loss through the transmission which enables better start and acceleration.

(○:Best match)

	 AFB (At Fluid Basic)	 AFS (At Fluid Superior)	 AFW (At Fluid Wide range)	 CFB (CVT Fluid Basic)
General AT	○		○	
Slip control AT		○	○	
Metallic belt type CVT*				○

(\*) Not for use with Honda Multi-Matic[ Honda Multi-Matic is the registered trademark of Honda Motor Co., Ltd. ]

**AISIN ATF Coverage spans almost all vehicle applications!**

# AISIN ATF Application List

Car Maker	Genuine ATF	Application		
		AFW	AFB	AFS
Toyota	Auto Fluid Type T	○	×	×
	Auto Fluid Type T-II	○	○	○
	Auto Fluid Type T-III	○	×	○
	Auto Fluid Type T-IV	○	×	○
	CVT Fluid TC	×	×	×
	Auto Fluid Dexron II E	○	○	×
	Auto Fluid Dexron III	○	○	×
Auto Fluid WS	×	×	×	
Nissan	Matic Fluid D ( Not for CVT Cars)	○	○	×
	Matic Fluid J	○	×	○
	Matic Fluid D ( For CVT Cars)	×	×	×
	CVT Fluid NS-1	×	×	×
	CVT Fluid NS-2	×	×	×
	CVT Fluid KTF-1	×	×	×
Honda	Matic Fluid C, D/ATF M-III	○	○	×
	Honda Ultra ATF ( Not for CVT Cars)	○	○	○
	Honda Ultra ATF/Honda Ultra ATF-Z1 ( For CVT Cars)	×	×	×
Mitsubishi	Honda Ultra ATF-Z1 ( Not for CVT Cars)	○	○	○
	Diaqueen ATF SP II/SP II M	○	○	○
	Diaqueen ATF SP III ( Not for CVT Cars)	○	×	×
Mazda	Diaqueen ATF SP III ( For CVT Cars)	×	×	×
	ATF-M III	○	○	×
	ATF S-1	○	○	×
	ATF N-1	○	×	×
	ATF M-V	○	×	○
Subaru	ATF F-1	○	×	×
	Subaru ATF	○	○	×
	ECVT Fluid ( Not for CVT Cars)	○	○	×
	ECVT Fluid ( For CVT Cars)	×	×	×
	I-CVT Fluid ( For CVT Cars)	×	×	×
Isuzu	Opel Original ATF 09117946	○	×	×
	Besco Dexron II E	○	○	×
	Besco ATF III	○	×	○
Suzuki	Besco Navi-5 ( For CVT Cars)	×	×	×
	ATF Dexron II E	○	○	×
	ATF 5D06	○	○	×
	S-CVT ( For CVT Cars)	×	×	×
	Suzuki CVT Oil ( For CVT Cars)	×	×	×
	ATF 2384K	○	○	×
	ATF 3314	○	×	○
ATF 3317	○	×	○	
Daihatsu	Gear Oil ( For CVT Cars)	×	×	×
	Amix ATF Multi	○	○	○
	Amix ATF D III-SP	○	×	○
GM	Gear Oil ( For CVT Cars)	×	×	×
	Dexron III	○	○	×
Ford	Dexron II-E	○	○	×
	Mercon	○	×	×
	M2C33-F	×	×	×
Chrysler	Mercon V	○	×	×
	Dexron II-E	○	○	×
	Type 7176/ATF+3	×	×	×

Car Maker	Genuine ATF	Application		
		AFW	AFB	AFS
Audi	Dexron II-E	○	○	×
	G 052 162 A2	×	×	×
Benz	CTV Oil	×	×	×
	Dexron II-E	○	○	×
BMW	Original Oil	○	×	×
	Dexron II-E	○	○	×
	ATF-D3	×	×	×
VW	LT-71141	×	×	×
	Original Oil	×	×	×
Opel	Dexron II-E	○	×	○
	G 052 162 A2	×	×	×
Porche	Dexron II-E	○	○	×
Renault	Dexron II-E	○	○	×
Peugeot	Dexron II-E	○	○	×
Citroen	Dexron II-E	○	○	×
	Dexron II-E/Mercon	○	○	×
	Dexron II-E	○	○	×
Volvo	Dexron III-G	○	×	×
	M2C33-G	×	×	×
SAAB	Dexron II-E	○	○	×
Rover	Dexron II-E	○	○	×
	Unipart Superflow CVT Fluid	×	×	×
Jaguar	Dexron II-E	○	○	×
	M2C33-F	×	×	×
Fiat	LT-71141	×	×	×
	Dexron II-E	○	○	×
Alfa Romeo	Dexron II-E	○	○	×
	Tutela CS Speed	×	×	×
Lancia	Dexron II-E	○	○	×

○=You can use  
 ×=You cannot use

# Fan Blade



Engineered to exacting OE specifications, our fan blade makes cars lighter in weight and higher in performance through diversity of products for drive systems, engines, and vehicle bodies.

## Features

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- Reduce air pressure between fan and radiator by fan rotation.
  - Cooling of radiator with air ventilation from pressure fluctuation.
-



# Fan Clutch



Engineered to exacting OE specifications, AISIN Fan Clutch quickly adjusts to temperature changes to provide efficient, controlled cooling. Providing optimal cooling performance without sacrificing engine efficiency, AISIN Fan Clutches are always OE Matched.

## Features

- Manufactured with the highest quality materials to withstand heat and vibration while adjusting coolant temperature for optimal engine efficiency.
- Delivers precise fan speeds in proportion to engine RPM, providing optimal cooling to exacting OE specifications.
- As a vital cooling component, the installer and user will have the peace of mind that the parts are manufactured by one of the leading Tier 1 suppliers in the world.



# Free Wheel Hub



Engineered to exacting OE specifications, AISIN Free Wheel Hubs efficiently transfers and disconnects drivetrain power to part time 4 Wheel Drive applications. Compact in design and durable against the toughest terrain, AISIN Freewheel Hubs are manufactured to the highest standards and are always OE Matched.

## Features

- Compact and durable design withstands the same rugged terrain tests performed by the vehicle manufactures.
- Robust locking mechanism provides reliable connection of the drivetrain power to the wheels in 4 Wheel Drive mode.
- Large manual dial allows the user to effortlessly change from 2 Wheel Drive to 4 Wheel Drive mode.



# Hydraulic Belt Tensioner



Engineered to exacting OE specifications, AISIN Hydraulic Belt Tensioners deliver ideal tension to the timing belt. Maintaining reliability by automatically adjusting belt tension, AISIN Hydraulic Timing Belt Tensioners are always OE Matched.

## Features

- Utilizes hydraulic pressure to deliver optimal belt tension, automatically adjusting throughout the RPM range.
- AISIN OE Engineering developed pressurizing mechanism efficiently dampens timing belt vibrations.
- Manufactured with the highest quality materials to maximize durability.



# Timing Chain Cover



Engineered to exacting OE specifications, AISIN Timing Chain Cover, equipped with an AISIN brand Water Pump, Oil Pump and Fan Clutch, offers precise fitment, optimal cooling and lubrication. Providing protection for vital moving parts, AISIN Timing Chain Cover are always OE Matched.

## Features

- Precision fitment to protect the timing chain and gears from debris.
- Module-Oriented assembly allow for easy, one step replacement of the timing chain cover, water pump, oil pump and fan clutch (when applicable).
- Optimal cooling and lubrication to exacting OE specifications.



# Fan Pulley Bracket



Engineered to exacting OE specifications, AISIN Fan Pulley Brackets are built with the highest quality materials and robust design. Maintaining structure and supporting the clutch fan, AISIN Fan Pulley Brackets are always OE Matched.

## Features

- Optimal geometrical design maintains structural integrity, ensuring fan clutch stability.
- Equipped with the highest quality bearings to support extreme clutch fan rotations.
- AISIN aluminum die-casting technology allows for size and weight reduction.



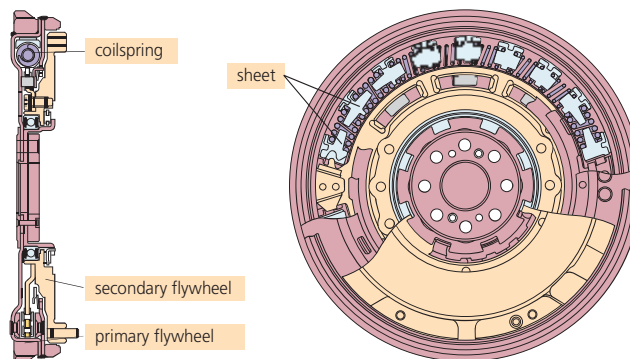
# Flywheel Damper



Engineered to exacting OE specifications, AISIN Flywheel Dampers are designed to reduce torsional vibration created by diesel or high performance engine. Sometimes they are called Dual Mass Flywheel, AISIN Flywheel Dampers are always OE matched.

## Features

- AISIN OE Engineering developed, the flywheel is divided into two portions, one for the engine (primary flywheel), and the other for the transmission (secondary flywheel).
- Between them, lightweight coilsprings are laid out in-line, with both ends of each coil spring supported by sheets.



# Sales Office



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## www.aisinaftermarket.jp

### 5 New Features

- 1 Quick Search Part Number Interchange
- 2 New Parts Updates
- 3 Tool Library for Sales Promotion
- 4 New Topics
- 5 Product Details



#### 1 Quick Search

**Shorten application  
look up time!**

Look up Genuine No. to AISIN No. directly and shorten product inquiry time by accessing our online part number interchange.

#### 2 New Parts Updates

**Up to date information  
for new product releases!**

Information center for new products and application changes. Stay informed with the latest data updated directly from AISIN.

#### 3 Tool Library

**Direct access to sales  
promotion tools!**

Catalogs, bulletins, diagnostic manuals, and other helpful marketing items that may help in promoting AISIN products.

#### 4 New Topics

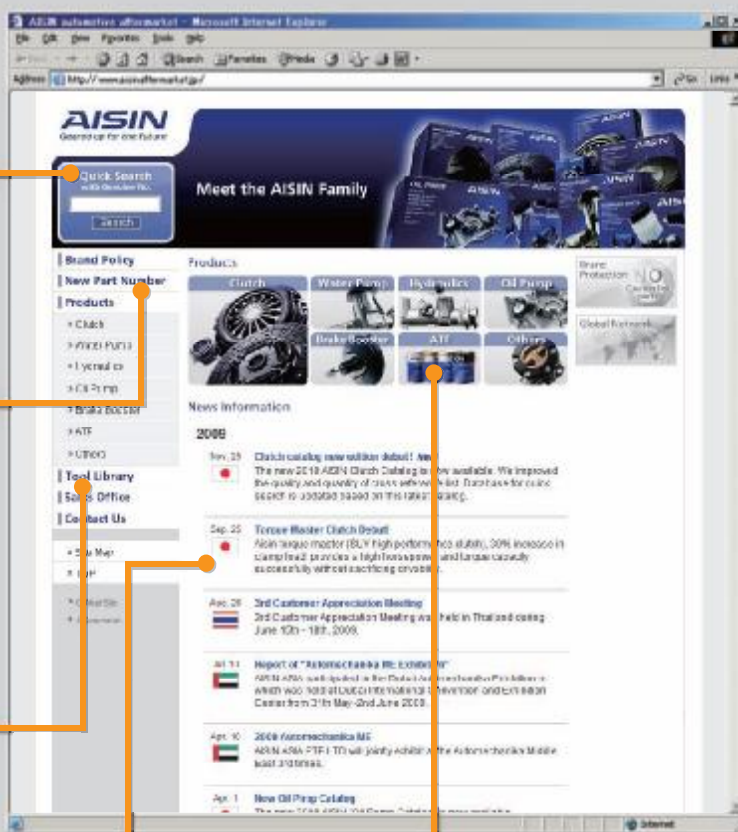
**News from around the world!**

Keep up to date with developments from AISIN affiliates across the globe. The ideal place for international information exchange for the ever expanding global market.

#### 5 Product Detail

**Expanded AISIN Aftermarket  
Product Line-Up!**

AISIN, known world-wide as a leader in clutch technology, has other OE Matched quality parts available. Check out our other product lines for your aftermarket needs.





## **IMPORTANT NOTICE**

The purpose of this catalog is to furnish our customers with as complete a listing of parts requirements as possible.

All listings, applications or interchanges contained in this catalog are based on the latest information available at the time of printing. Every effort has been made to ensure that the information contained in this catalog is correct, but we do not assume any responsibility for errors which may occur.

All references to manufactures names or part numbers are only used as a guide when ordering parts.

# Cross Reference List

● Fan Blade .....	26
● Fan Clutch .....	33
● Free Wheel Hub .....	37
● Hydraulic Belt Tensioner.....	38
● Timing Chain Cover .....	39
● Fan Pulley Bracket .....	41
● Flywheel Damper .....	42

## Cross Reference List / Fan Blade

Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
16361-17010	<b>FNT-010</b>	TOYOTA	LAND CRUISER	90. 01-90. 11	1PZ	PZJ7#
			COASTER	90. 01-93. 01	1H#	HDB30
16361-17030	<b>FNT-015</b>	TOYOTA	LAND CRUISER	99. 08-01. 08	1HZ	HZJ7#
			COASTER	04. 08-	1HZ	HZB50
16361-17040	<b>FNT-024</b>	TOYOTA	COASTER	99. 07-04. 08	1HZ	HZB50
			LAND CRUISER	99. 08-06. 02	1HZ	HZJ79, 78
			LAND CRUISER 100	00. 08-02. 08	1HDFTE	HDJ100
16361-31060	<b>FNT-007</b>	TOYOTA	4RUNNER	02. 11-04. 08	1GRFE	GRN21#
			LAND CRUISER 120	03. 01-	1GRFE	GRJ12#
			TUNDRA	04. 08-	1GRFE	GSK30
			TACOMA	04. 09-08. 05	1GRFE	GRN225, 245, 250, 265, 270
			HILUX	05. 02-08. 10	1GRFE	GGN25
			FORTUNER	05. 07-08. 08	1GRFE	GGN50
			FJ CRUISER	06. 01-	1GRFE	GSJ1#
			LAND CRUISER( CHINA)	07. 12-	1GRFE	GRJ200
			LAND CRUISER PRADO	09. 08-	1GRFE	GRJ150
			16361-38010	<b>FNT-003</b>	TOYOTA	CELICA
COASTER	77. 08-82. 04	20R, 22R				RB11, 13
PICKUP	78. 08-83. 07	20R, 22R				RT13#
CORONA	79. 08-83. 01	1X				XT130
CROWN	79. 09-83. 07	L				LS110
CRESSIDA	80. 09-85. 04	L				LX60
CARINA	82. 04-83. 09	1C				CA60
LITEACE	82. 10-85. 08	1C				CM20
COROLLA	82. 10-87. 07	1C				CE70
MODEL-F	82. 11-87. 08	2C				CR21
VAN	83. 08-87. 08	3YEC, 4YEC				YR2#, 3#
TRUCK 4-RUNNER	83. 08-89. 03	22R#				RN5#, 6#, 7#
HIACE VAN, COMUTER	84. 01-86. 08	3Y				YH61
DYNA100	85. 05-93. 08	2Y				YH81
LITEACE VAN, WAGON	85. 10-88. 08	1C				CM35
CORONA FR	86. 12-99. 07	2Y				YT140
HILUX 2W	88. 08-97. 08	2Y				YN85
HILUX/ 4RUNNER( 4W)	88. 08-99. 09	22R#				RN10#, 110, 13#
CRESSIDA WAGON	88. 10-93. 02	22R				RX7#

Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
16361-41090	<b>FNT-013</b>	TOYOTA	LAND CRUISER	90. 04-93. 05	22R	RJ7#
			HIACE/ HIACE S. B. V	95. 08-99. 07	2RZE	RCH12, 18, 22, 28
			TOWNACE/LITEACE	96. 11-98. 12	5K, 7K	KR4#
			T. U. V	96. 12-03. 02	7KE, 7K#	KF60, 7#, 80, 82
			CROWN COMFORT	99. 08-	3YPE	YXS10
			CROWN	79. 09-83. 07	4M, 5M#	MS11#
			CRESSIDA	80. 08-85. 04	5ME	MA6#
			CELICA	81. 12-85. 12	5M#	MA61
			SUPRA	86. 01-88. 08	7MG#	MA70
			COASTER	86. 10-90. 01	12HT, 2H	HB3#
16361-44032	<b>FNT-027</b>	TOYOTA	CRESSIDA WAGON	88. 12-92. 05	7MGE	MX75
			MEGA CRUISER	96. 10-	15BFT	BXD20
			CROWN	79. 09-83. 07	5R	RS110
			HILUX	83. 08-86. 08	1Y, 3Y, 4Y	YN50, 52, 55, 57, 6#
			DYNA 100	85. 08-87. 08	1Y	YH80
			LITEACE	85. 09-88. 08	5K	KM3#
			HIACE VAN, COMUTER	86. 08-87. 08	3Y	YH51, 61
			STOUT	86. 09-00. 02	4Y	YK110
			HILUX/ 4RUNNER( 4W)	88. 08-97. 08	4Y	YN106, 135
			HILUX 2W	88. 08-99. 09	2Y, 3Y, 4Y	YN8#, 9#
16361-46040	<b>FNT-008</b>	TOYOTA	SUPRA	93. 05-96. 05	2JZGE	JZA80
			CROWN	93. 05-96. 05	2JZGE	JZA80
16361-50020	<b>FNT-028</b>	TOYOTA	CROWN/ CROWN MAJESTA	95. 08-	1UZFE	UZS15#
16361-50040	<b>FNT-012</b>	TOYOTA	LAND CRUISER	98. 01-02. 08	2UZFE	UZJ100
16361-50080	<b>FNT-016</b>	TOYOTA	SEQUOIA	00. 09-04. 08	2UZFE	UCK35, 45
			TUNDRA	02. 08-04. 08	2UZFE	UCK3#, 4#
			4RUNNER	02. 08-04. 11	2UZFE	UZN21#
16361-50110	<b>FNT-014</b>	TOYOTA	TUNDRA	04. 08-	2UZFE	UCK3#, 4#
			SEQUOIA	04. 08-	2UZFE	UCK35, 45
			4RUNNER	04. 11-05. 08	2UZFE	UZN21#
			LAND CRUISER	07. 09-	1VDFTV	VDJ200
16361-54020	<b>FNT-019</b>	TOYOTA	LAND CRUISER	07. 12-	2UZFE	UZJ200
			HILUX	84. 08-85. 08	2L	LN5#, 6#
			TRICK 4-RUNNER	85. 08-87. 08	2L#	LN56, 66
			DYNA100	85. 08-87. 08	2L	LH80

Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
16361-54040	<b>FNT-001</b>	TOYOTA	HIACE VAN, COMUTER	85. 08-87. 08	2L	LH5#
			LAND CRUISER	85. 10-90. 01	2LT	LJ7#
			CROWN	87. 09-89. 08	2L	LS130
			HILUX 2W	88. 08-91. 08	2L	LN85
			HIACE/ HIACE S. B. V	99. 07-01. 08	2L	LXH12
			DYNA100	88. 08-95. 05	2L	LH80
			HILUX/ 4RUNNER( 4W)	88. 08-01. 06	3L	LN10#, 111, 13#
			HILUX 2W	88. 08-01. 06	2L, 3L	LN80, 81, 85, 86, 9#
			LAND CRUISER	89. 04-	3B	BJ73, VM
16361-54070	<b>FNT-006</b>	TOYOTA	T. U. V	96. 12-98. 01	2L	LF60, 70, 80
			HILUX	97. 08-05. 06	2L, 3L	LN5#, 67
			LAND CRUISER	89. 01-	3B	BJ73
			DYNA100	95. 05-	2L	LY100
			HILUX	97. 08-01. 08	2L#	LN145, 150, 165, 170
16361-54111	<b>FNT-021</b>	TOYOTA	T. U. V	98. 01-01. 02	2L	LF60, 7#, 80, 82
			HIACE VAN, COMUTER	98. 08-99. 07	3L	LH115
			QUALIS	99. 12-04. 12	2L	LF50
			HILUX	97. 08-01. 08	3L, 5L	LN147, 152, 157, 16#, 172, 192
16361-54131	<b>FNT-020</b>	TOYOTA	T. U. V	00. 04-03. 06	5L	LF61, 81, 85
			HILUX	00. 08-01. 08	2LT	LN190
16361-60101	<b>FNT-017</b>	TOYOTA	HILUX 2W	01. 06-04. 12	5L	LN200
			HILUX/ 4RUNNER( 4W)	01. 06-04. 12	5L	LN205
			FORTUNER	06. 05-08. 10	5LE	LAN50
			HEAVY DUTY TRUCK	76. 04-82. 07	F	FA100, 115
16361-61020	<b>FNT-022</b>	TOYOTA	LAND CRUISER	80. 08-86. 04	2F	FJ4#, 55
			LAND CRISER	80. 08-84. 10	2F	FJ40, 45
16361-61050	<b>FNT-018</b>	TOYOTA	LAND CRISER	90. 01-92. 08	3FE	FJ80
16361-62010	<b>FNT-005</b>	TOYOTA	T100	94. 08-	5VZFE	VCK11, 21
			TACOMA	95. 01-00. 09	5VZFE	VZN160, 170
			4RUNNER	95. 11-	5VZFE	VZN18#
			LAND CRUISER 90	99. 06-02. 09	5VZFE	VZJ9#
			TUNDRA	01. 08-	5VZFE	VCK30, 40
			HILUX	02. 08-05. 02	5VZFE	VZN18#
16361-65010	<b>FNT-011</b>	TOYOTA	TRUCK 4-RUNNER	87. 11-89. 03	3VZE	VZN6#
			HILUX/ 4RUNNER( 4W)	90. 08-93. 08	3VZE	VZN130

Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
16361-65020	<b>FNT-029</b>	TOYOTA	T100	92. 08-93. 08	3VZE	VCK10, 20
			T100	93. 08-94. 08	3VZE	VCK10, 20
			TRUCK 4-RUNNER	93. 08-95. 11	3VZE	VZN120, 90
			HILUX/ 4RUNNER( 4W)	93. 08-95. 11	3VZE	VZN130
16361-66020	<b>FNT-004</b>	TOYOTA	LAND CRUISER	92. 08-98. 01	1FZFE	FZJ80
16361-67020	<b>FNT-009</b>	TOYOTA	LAND CRUISER	93. 05-96. 04	1KZT	KZJ7#
			4RUNNER	95. 11-	1KZ#	KZN185
			DYNA150	01. 08-	1KDFTV, 2KDFTV	KDY22#, 23#, 25#, 26#
			HILUX	01. 08-05. 08	2KDFTV	KDN145, 150, 165, 170, 190
			LAND CRUISER PRADO	02. 09-	1K#	KDJ120, KZJ120
			HIACE/ HIACE S. B. V	06. 08-	2KDFTV	KLH1#, 2#
			HIACE VAN, COMUTER	98. 08-99. 07	5L	LH166, 17#, 184
16361-67030	<b>FNT-023</b>	TOYOTA	HIACE/ HIACE S. B. V	99. 07-01. 08	2LT	LXH1#, 2#
			DYNA 150	01. 07-	5L	LY22#, 23#
			LAND CRUISER 90	00. 08-02. 09	1KZTE	KZJ95
16361-67040	<b>FNT-026</b>	TOYOTA	HILUX/ 4RUNNER( 4W)	01. 08-04. 12	1KZTE	KZN205
			HILUX	01. 09-05. 04	1KZTE	KZN165, 190
			COASTER	06. 08-09. 08	NO4C	XZB50
			COASTER( CHINA)	07. 01-	NO4C	XZB53
16361-70040	<b>FNT-030</b>	TOYOTA	CRESSIDA	88. 08-93. 02	1GFE	GXS1
			CROWN	88. 12-91. 10	1GFE	GS131
16361-75020	<b>FNT-002</b>	TOYOTA	TACOMA	95. 01-00. 09	3RZFE	RZN161, 171
			T100	95. 04-	3RZFE	RCK10
			T100	95. 04-96. 08	3RZF	RCK10
			4RUNNER	95. 11-00. 08	3RZFE	RZN18#
			HILUX	97. 08-01. 08	2RZFE	RZN168, 173
			HIACE/ HIACE S. B. V	98. 04-99. 10	3RZFE	RCH13, 19, 23, 29. . DX, STD
			LAND CRUISER 90	99. 06-02. 09	3RZFE	RZJ90, 95
			T. U. V	99. 11-03. 06	1RZE, 2RZE	RZF71, 80, 81, 84, 85
			HILUX 2W	01. 06-04. 12	3RZFE	RZN200
			QUALIS	02. 01-04. 12	1RZE	RZE50
			LAND CRISER PRADO	04. 08-	2TRFE	TRJ12#
			CROWN COMFORT	08. 08-	1TRFPE	TSS10
			PREVIA	90. 10-91. 12	2TZFE	TRC1#, 2#
			16361-76060	<b>FNT-025</b>	TOYOTA	
MD041078	<b>FND-002</b>	DAIHATSU				

Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
16361-87502	<b>FND-001</b>	DAIHATSU				
S1630-62300	<b>FNR-004</b>	HINO				
S1630-62300	<b>FNR-028</b>	HINO				
S1630-62351	<b>FNR-010</b>	HINO				
S1630-62610	<b>FNR-027</b>	HINO				
16306-1041A	<b>FNR-006</b>	HINO				
16306-1062A	<b>FNR-009</b>	HINO				
16306-1130	<b>FNR-007</b>	HINO				
16306-1183A	<b>FNR-012</b>	HINO				
16306-1341	<b>FNR-020</b>	HINO				
16306-1933B	<b>FNR-017</b>	HINO				
16306-1942	<b>FNR-018</b>	HINO				
16306-1981A	<b>FNR-019</b>	HINO				
16306-2050	<b>FNR-015</b>	HINO				
16306-2060	<b>FNR-021</b>	HINO				
16306-2080A	<b>FNR-022</b>	HINO				
16306-2140	<b>FNR-024</b>	HINO				
16306-2160B	<b>FNR-003</b>	HINO				
16306-2220B	<b>FNR-005</b>	HINO				
16306-2280	<b>FNR-001</b>	HINO				
16306-2390	<b>FNR-011</b>	HINO				
16306-2410B	<b>FNR-023</b>	HINO				
16306-2420A	<b>FNR-025</b>	HINO				
16306-2430A	<b>FNR-029</b>	HINO				
16306-2451	<b>FNR-013</b>	HINO				
16306-2490	<b>FNR-026</b>	HINO				
16306-2500	<b>FNR-016</b>	HINO				
16306-2522	<b>FNR-014</b>	HINO				
16306-2600	<b>FNR-002</b>	HINO				
16306-2671A	<b>FNR-008</b>	HINO				
16361-E0020	<b>FNR-031</b>	HINO				
16361-E0050	<b>FNR-030</b>	HINO				
1-13660-140-0	<b>FNG-006</b>	ISUZU				
1-13660-148-0	<b>FNG-004</b>	ISUZU				
1-13660-156-0	<b>FNG-007</b>	ISUZU				

Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
5-13660-046-1	<b>FNG-008</b>	ISUZU				
5-13660-236-0	<b>FNG-010</b>	ISUZU				
5-13660-300-0	<b>FNG-001</b>	ISUZU				
5-13660-308-0	<b>FNG-005</b>	ISUZU				
5-13662-012-0	<b>FNG-003</b>	ISUZU				
8-94117-866-0	<b>FNG-002</b>	ISUZU				
8-94393-117-0	<b>FNG-009</b>	ISUZU				
16306-2480	<b>FNG-011</b>	ISUZU				
MC568194	<b>FNM-001</b>	MITSUBISHI				
MD011149	<b>FNM-011</b>	MITSUBISHI				
MD023696	<b>FNM-004</b>	MITSUBISHI				
ME005002	<b>FNM-010</b>	MITSUBISHI				
ME005162	<b>FNM-007</b>	MITSUBISHI				
ME015750	<b>FNM-005</b>	MITSUBISHI				
ME035139	<b>FNM-003</b>	MITSUBISHI				
ME035219	<b>FNM-008</b>	MITSUBISHI				
ME035309	<b>FNM-009</b>	MITSUBISHI				
ME039861	<b>FNM-018</b>	MITSUBISHI				
ME039960	<b>FNM-019</b>	MITSUBISHI				
ME039970	<b>FNM-022</b>	MITSUBISHI				
ME055056	<b>FNM-016</b>	MITSUBISHI				
ME055140	<b>FNM-023</b>	MITSUBISHI				
ME055319	<b>FNM-020</b>	MITSUBISHI				
ME060129	<b>FNM-021</b>	MITSUBISHI				
ME065378	<b>FNM-014</b>	MITSUBISHI				
ME075027	<b>FNM-006</b>	MITSUBISHI				
ME075091	<b>FNM-002</b>	MITSUBISHI				
ME075190	<b>FNM-024</b>	MITSUBISHI				
ME075202	<b>FNM-012</b>	MITSUBISHI				
SSA43-1B001	<b>FNM-028</b>	MITSUBISHI				
SSA43-1B004	<b>FNM-029</b>	MITSUBISHI				
XM438474	<b>FNM-027</b>	MITSUBISHI				
16306-1861	<b>FNM-025</b>	MITSUBISHI				
30948-32400	<b>FNM-013</b>	MITSUBISHI				
31248-34100	<b>FNM-017</b>	MITSUBISHI				



Genuine No.	Aisin No.	Make	Model	Year	Engine Type	Body Type
31248-39100	<b>FNM-015</b>	mitsubishi				
91201-10200	<b>FNM-026</b>	mitsubishi				
17110-60A00	<b>FNS-006</b>	SUZUKI				
17110-60A10	<b>FNS-007</b>	SUZUKI				
17110-77300	<b>FNS-005</b>	SUZUKI				
17111-73000	<b>FNS-003</b>	SUZUKI				
17111-73010	<b>FNS-008</b>	SUZUKI				
17111-83000	<b>FNS-004</b>	SUZUKI				
1317465	<b>FNV-001</b>	VOLVO				
16311-31220-71	<b>FNW-003</b>	INDUSTRIAL VEHICLE				
16361-22020-71	<b>FNW-008</b>	INDUSTRIAL VEHICLE				
16361-22040-71	<b>FNW-005</b>	INDUSTRIAL VEHICLE				
16361-23060-71	<b>FNW-006</b>	INDUSTRIAL VEHICLE				
16361-23860-71	<b>FNW-002</b>	INDUSTRIAL VEHICLE				
16361-31620-71	<b>FNW-004</b>	INDUSTRIAL VEHICLE				
16361-32080-71	<b>FNW-007</b>	INDUSTRIAL VEHICLE				
16361-33900-71	<b>FNW-009</b>	INDUSTRIAL VEHICLE				
16361-40120-71	<b>FNW-010</b>	INDUSTRIAL VEHICLE				
16361-42800-71	<b>FNW-011</b>	INDUSTRIAL VEHICLE				
16361-78501-71	<b>FNW-001</b>	INDUSTRIAL VEHICLE				
121950-44741	<b>FNY-001</b>	YAMAHA				

## Cross Reference List / Fan Clutch

Genuine No.	AISIN No.	Make	Model	Engine Type	Body Type
08921-04950	<b>FCT-064</b>	TOYOTA			
16210-13010	<b>FCT-045</b>	TOYOTA	LITE-ACE, TOWN-ACE		
16210-13020	<b>FCT-052</b>	TOYOTA			
16210-13030	<b>FCT-031</b>	TOYOTA	LITE-ACE, TOWN-ACE		
16210-17010	<b>FCT-034</b>	TOYOTA	LAND CRUISER		
16210-17021	<b>FCT-016</b>	TOYOTA			
16210-17030	<b>FCT-040</b>	TOYOTA	COASTER		
16210-17050	<b>FCT-039</b>	TOYOTA	LAND CRUISER	1HD	HZJ71, 74, 76, HDJ101K
16210-17070	<b>FCT-030</b>	TOYOTA		1HD	
16210-17080	<b>FCT-074</b>	TOYOTA	COASTER		
16210-18010	<b>FCT-056</b>	TOYOTA			
16210-28020	<b>FCT-048</b>	TOYOTA			
16210-30010	<b>FCT-070</b>	TOYOTA	HI-LUX SURF, LAND CRUISER PRADO, DYNA, TOYOACE		
16210-31010	<b>FCT-019</b>	TOYOTA	HI-ACE, HI-LUX		
16210-31020	<b>FCT-072</b>	TOYOTA	HI-LUX, LAND CRUISER PRADO		
16210-35011	<b>FCT-068</b>	TOYOTA	COASTER		
16210-35020	<b>FCT-043</b>	TOYOTA			
16210-38050	<b>FCT-001</b>	TOYOTA	LITE-ACE, TOWN-ACE		
16210-38060	<b>FCT-003</b>	TOYOTA	LITE-ACE		
16210-42030	<b>FCT-060</b>	TOYOTA	SOARE, SUPRA		
16210-42060	<b>FCT-007</b>	TOYOTA	MARK II		
16210-42070	<b>FCT-050</b>	TOYOTA	SOARE, SUPRA		
16210-43032	<b>FCT-032</b>	TOYOTA	CROWN		MS130
16210-45100	<b>FCT-044</b>	TOYOTA			
16210-45110	<b>FCT-041</b>	TOYOTA	SOARE, SUPRA		
16210-46030	<b>FCT-023</b>	TOYOTA	SOARE, SUPRA		
16210-46042	<b>FCT-006</b>	TOYOTA	MARK II, CROWN, ARIST		
16210-50021	<b>FCT-014</b>	TOYOTA	CROWN, CROWN MAJESTA		
16210-50040	<b>FCT-066</b>	TOYOTA			
16210-50051	<b>FCT-021</b>	TOYOTA	LAND CRUISER 100 Series		
16210-50061	<b>FCT-076</b>	TOYOTA			
16210-50072	<b>FCT-005</b>	TOYOTA			
16210-50080	<b>FCT-024</b>	TOYOTA			

Fan Blade

Fan Clutch

Genuine No.	AISIN No.	Make	Model	Engine Type	Body Type
16210-50090	<b>FCT-018</b>	TOYOTA	SEQUIRE	2UZ-FE	
16210-50101	<b>FCT-075</b>	TOYOTA			
16210-52022	<b>FCT-063</b>	TOYOTA	CENTURY		
16210-54040	<b>FCT-059</b>	TOYOTA			
16210-54070	<b>FCT-025</b>	TOYOTA	HI-ACE, HI-LUX		
16210-54090	<b>FCT-062</b>	TOYOTA	HI-ACE		
16210-54130	<b>FCT-051</b>	TOYOTA	CROWN, HI-ACE TRUCK		
16210-54141	<b>FCT-028</b>	TOYOTA	HI-LUX		
16210-54150	<b>FCT-011</b>	TOYOTA	HI-LUX, DYNA, TOYOACE		
16210-54180	<b>FCT-012</b>	TOYOTA	HI-ACE		
16210-54200	<b>FCT-029</b>	TOYOTA	HI-ACE, HI-LUX, DYNA, TOYOACE		
16210-54210	<b>FCT-020</b>	TOYOTA	HI-LUX		
16210-54220	<b>FCT-008</b>	TOYOTA	HI-ACE, DYNA/ TOYOACE	5L	100Series, 100, 200Series
16210-54230	<b>FCT-069</b>	TOYOTA			
16210-56020	<b>FCD-004</b>	TOYOTA			
16210-58012	<b>FCT-057</b>	TOYOTA	COASTER, LAND CRUISER		
16210-58030	<b>FCT-033</b>	TOYOTA	DYNA, TOYOACE		
16210-58041	<b>FCT-055</b>	TOYOTA	COASTER		
16210-61121	<b>FCT-017</b>	TOYOTA			
16210-61150	<b>FCT-015</b>	TOYOTA	LAND CRUISER 70 Series		
16210-61160	<b>FCT-049</b>	TOYOTA	LAND CRUISER		
16210-62011	<b>FCT-013</b>	TOYOTA	HI-LUX, LAND CRUISER PRADO		
16210-62030	<b>FCT-067</b>	TOYOTA	HI-LUX SURF, LAND CRUISER PRADO		
16210-64010	<b>FCT-053</b>	TOYOTA	LITE-ACE, TOWN-ACE		
16210-64020	<b>FCT-047</b>	TOYOTA	LITE-ACE, TOWN-ACE		
16210-64030	<b>FCT-077</b>	TOYOTA	ESTIMA EMINA/ LUCIDA		
16210-65020	<b>FCT-009</b>	TOYOTA	HI-LUX		
16210-65030	<b>FCT-038</b>	TOYOTA	HI-LUX		
16210-66020	<b>FCT-004</b>	TOYOTA	LAND CRUISER		
16210-66040	<b>FCT-065</b>	TOYOTA			
16210-67010	<b>FCT-036</b>	TOYOTA	HI-ACE, HI-LUX, LAND CRUISER		
16210-67030	<b>FCT-010</b>	TOYOTA	HI-LUX, LAND CRUISER PRADO		
16210-67040	<b>FCT-071</b>	TOYOTA			
16210-68011	<b>FCT-058</b>	TOYOTA			

Genuine No.	AISIN No.	Make	Model	Engine Type	Body Type
16210-70022	<b>FCT-046</b>	TOYOTA	CROWN, SOARE, SUPRA		
16210-70040	<b>FCT-035</b>	TOYOTA	CROWN, MARK II		
16210-72010	<b>FCT-054</b>	TOYOTA	MARK II, CROWN		
16210-73010	<b>FCT-037</b>	TOYOTA	LITE-ACE, DYNA, TOYOACE		
16210-75010	<b>FCT-027</b>	TOYOTA	HI-ACE, HI-LUX		
16210-75020	<b>FCT-042</b>	TOYOTA	HI-ACE		
16210-75050	<b>FCT-026</b>	TOYOTA	HI-ACE REGIUS		
16210-75060	<b>FCT-002</b>	TOYOTA	HI-LUX, LAND CRUISER, DYNA, TOYOACE		
16210-75110	<b>FCT-073</b>	TOYOTA			
16210-75120	<b>FCT-078</b>	TOYOTA			
16210-76010	<b>FCT-022</b>	TOYOTA	ESTIMA/ PREVIA		
16210-56020-000	<b>FCD-004</b>	DAIHATSU	DELTA		
16210-87101-000	<b>FCD-001</b>	DAIHATSU	ROCKY		
16210-87103-000	<b>FCD-003</b>	DAIHATSU	TERIOS, ROCKY		
16210-87106	<b>FCD-002</b>	DAIHATSU	TERIOS		
16250-E0040	<b>FCR-005</b>	HINO	RANGER, BUS RAINBOW	J08C	
16250-E0060	<b>FCR-001</b>	HINO			YJ07
16250-E0070	<b>FCR-009</b>	HINO			YF95
16250-E0090	<b>FCR-013</b>	HINO			YF96
16250-E0150	<b>FCR-010</b>	HINO	TRUCK	EK100	
16250-E0160	<b>FCR-006</b>	HINO	RANGER, BUS RAINBOW	H06C-T	
16250-E0210	<b>FCR-012</b>	HINO			RU3FSAH, RU2P
16250-1021B	<b>FCR-004</b>	HINO	BUS RAINBOW	EF100	
16250-1160C	<b>FCR-003</b>	HINO	RANGER, BUS RAINBOW	EH700	
16250-1231A	<b>FCR-007</b>	HINO			YE87
16250-1311A	<b>FCR-011</b>	HINO			Y630
16250-1381A	<b>FCR-014</b>	HINO			YF85
16250-1442A	<b>FCR-002</b>	HINO			W0CT1
16250-1520A	<b>FCR-008</b>	HINO			YF70
1-21650-193-1	<b>FCG-011</b>	ISUZU		LV7	
1-21650-212-1	<b>FCG-010</b>	ISUZU		6WF1	
8-94171-813-0	<b>FCG-002</b>	ISUZU	MU	4ZD1	
8-94311-252-0	<b>FCG-018</b>	ISUZU	MU	4ZE1	
8-94391-701-0	<b>FCG-006</b>	ISUZU	FORWARD	6HE1	

Genuine No.	AISIN No.	Make	Model	Engine Type	Body Type
8-94391-702-0	<b>FCG-008</b>	ISUZU	FORWARD	6HE1	
8-94394-009-2	<b>FCG-009</b>	ISUZU		6K1	
8-94395-254-1	<b>FCG-015</b>	ISUZU	FORWARD	6HH1	
8-94412-030-0	<b>FCG-001</b>	ISUZU	MU	4ZD1	
8-97039-034-0	<b>FCG-013</b>	ISUZU	TROOPER/ BIG FORN	4JG2	
8-97045-151-0	<b>FCG-005</b>	ISUZU		PG32	
8-97069-783-0	<b>FCG-012</b>	ISUZU	MU, WIZARD	4JG2	
8-97130-362-1	<b>FCG-003</b>	ISUZU	TROOPER/ BIG FORN	6VD1	
8-97135-167-0	<b>FCG-004</b>	ISUZU	TROOPER/ BIG FORN	6VD1	
8-97144-874-1	<b>FCG-016</b>	ISUZU	TROOPER/ BIG FORN, MU, WIZARD	4JX1	
8-97145-322-0	<b>FCG-014</b>	ISUZU	ELF 150	4JA1	
8-97148-797-0	<b>FCG-007</b>	ISUZU	ELF 350	4HE1	
8-97222-421-0	<b>FCG-017</b>	ISUZU	TROOPER/ BIG FORN	4JX1	
MD034204	<b>FCM-003</b>	MINISUBISHI	DELICA		
MD104576	<b>FCM-002</b>	MINISUBISHI	FORTE	4G5	
MD108270	<b>FCM-001</b>	MINISUBISHI	DELICA	4G6	
MD361311	<b>FCM-004</b>	MINISUBISHI	DELICA	4G6	
ME065700	<b>FCM-012</b>	MINISUBISHI FUSO	TRUCK	8DC	
ME065701	<b>FCM-010</b>	MINISUBISHI FUSO	TRUCK	8DC	
ME065702	<b>FCM-005</b>	MINISUBISHI FUSO	TRUCK	8DC	
ME075005	<b>FCM-008</b>	MINISUBISHI FUSO	TRUCK	6D1	
ME075013	<b>FCM-007</b>	MINISUBISHI FUSO	TRUCK	6D1	
ME150690	<b>FCM-011</b>	MINISUBISHI FUSO	TRUCK	6D40	
ME400563	<b>FCM-006</b>	MINISUBISHI FUSO	TRUCK	6D1	
ME400564	<b>FCM-013</b>	MINISUBISHI FUSO	TRUCK	6D1	
17120-57B01	<b>FCS-001</b>	SUZUKI	ESCUDO		
17120-60A01	<b>FCS-002</b>	SUZUKI	ESCUDO		
17120-80C00	<b>FCS-004</b>	SUZUKI	JIMNY/ SAMURAI, CULTUS, SA413		
17120-81A00	<b>FCS-003</b>	SUZUKI	JIMNY 1300		
1266574	<b>FCV-005</b>	VOLVO			
1274310	<b>FCV-004</b>	VOLVO			
1274311	<b>FCV-003</b>	VOLVO			
1306259	<b>FCV-001</b>	VOLVO			
1328835	<b>FCV-006</b>	VOLVO			D24
1357433	<b>FCV-002</b>	VOLVO			

## Cross Reference List / Free Wheel Hub

Genuine No.	AISIN No.	Make	Model	Body Type	Year
43530-35012	<b>FHT-005</b>	TOYOTA	HI-LUX	RN Series	
43530-35020	<b>FHT-006</b>	TOYOTA	HI-LUX	RN Series	
43530-35021	<b>FHT-007</b>	TOYOTA	HI-LUX	RN Series	
43530-35023	<b>FHT-008</b>	TOYOTA	HI-LUX	LN100, 106, YN100, 105	'88. 09- '97. 08
43530-60013	<b>FHT-011</b>	TOYOTA	LAND CRUISER	FJ	
43530-60014	<b>FHT-012</b>	TOYOTA	LAND CRUISER	BJ60, FJ60	'80. 08- '81. 10
43530-60016	<b>FHT-013</b>	TOYOTA	LAND CRUISER	LJ71, BJ7# FJ62, HJ6#	'84. 11- '90. 01 '87. 08- '90. 01
43530-60030	<b>FHT-015</b>	TOYOTA	LAND CRUISER	BJ41, BJ44	'81. 02- '81. 10
43530-60031	<b>FHT-016</b>	TOYOTA	LAND CRUISER	BJ4#	'81. 10- '84. 10
43530-60042	<b>FHT-002</b>	TOYOTA	LAND CRUISER	HZJ75, HZJ70, 73, 77, KZJ7 Series, HZJ81	'95. 07- '99. 08
43530-60130	<b>FHT-001</b>	TOYOTA	LAND CRUISER	HZJ7 Series	'99. 08- '04. 08
8-94368-363-0	<b>FHG-002</b>	ISUZU	ELF150		
8-97062-018-0	<b>FHG-001</b>	ISUZU	TROOPER, BIG HORN MU	UBS25DW, UBS25GW, UBS69DW, UBS69GW UCS69DWM, UCS55DW, UCS55DWN, UCS17DH	
8-97113-446-1	<b>FHG-005</b>	ISUZU	TROOPER, BIG HORN MU	UBS25DW, UBS25GW, UBS69DW, UBS69GW UCS69DWM	
8-97118-415-0	<b>FHG-003</b>	ISUZU	ELF	NKS60, 70 Series, NKS81 Series	
MB160940	<b>FHM-002</b>	MITSUBISHI	DELICA MONTERO, SHOGUN, PAJERO	L03, L06 Series V10, 20, 30, 40 Series	
MB886389	<b>FHM-003</b>	MITSUBISHI	DELICA MONTERO, SHOGUN, PAJERO	L03, L06 Series V10, 20, 30, 40 Series	
MC865325	<b>FHM-001</b>	MITSUBISHI	CANTER	FD, FG300, 400 Series, FB, FD, FE, FG500, 600 Series	
43810-60A00	<b>FHS-005</b>	SUZUKI	ESCUDO, VITARA, JIMNY SAMURAI		
43810-80011	<b>FHS-002</b>	SUZUKI	JIMNY		

Fan Clutch

Free Wheel Hub

## Cross Reference List / Hydraulic Belt Tensioner

Genuine No.	AISIN No.	Make	Model	Engine Type
13540-62020	<b>BTT-001</b>	TOYOTA	Camry	3VZ-FE, V6
13540-62021	<b>BTT-002</b>	TOYOTA		3VZ-FE, V6
13540-65010	<b>BTT-003</b>	TOYOTA	Truck	3VZ-E, V6
13540-70010	<b>BTT-004</b>	TOYOTA		1G-GP
14520-P8E-A011-M4	<b>BTH-002</b>	HONDA		ACURA V6
14520-RCA-A011-M4	<b>BTH-001</b>	HONDA	Accord, Odyssey	3.0/3.5L
MD180051	<b>BTM-002</b>	MITSUBISHI		4G9
MD308086	<b>BTM-003</b>	MITSUBISHI		4G6
MD309999	<b>BTM-004</b>	MITSUBISHI		4G9
MR984375	<b>BTM-001</b>	MITSUBISHI		4G6 2.4L
13068AA051	<b>BTF-002</b>	SUBARU		23A
1271808	<b>BTV-001</b>	VOLVO		VOLVO FF
3517998	<b>BTV-002</b>	VOLVO		VOLVO FF
3531187	<b>BTV-003</b>	VOLVO		VOLVO 740GLT
9135033	<b>BTV-004</b>	VOLVO		VOLVO FF
9146693	<b>BTV-005</b>	VOLVO		VOLVO N2P
9207900	<b>BTV-006</b>	VOLVO		VOLVO N3

## Cross Reference List / Timing Chain Cover

Genuine No.	Aisin No.	Make	Application				Component Parts			
			Model	Year	Engine Type	Body Type	Case	Water Pump	Oil Pump	Fan Clutch
11301-17011	<b>TCT-001</b>	TOYOTA	LAND CRUISER	94.08-99.08	1HZ	HZJ75	●	—	●	—
11301-17021	<b>TCT-002</b>	TOYOTA	COASTER	94.08-97.05	1HDT, 1HZ	HDB5#, HZB4#, 5#	●	—	●	—
11301-17030	<b>TCT-003</b>	TOYOTA	COASTER	95.05-97.05	1HDF	HDB5#	●	—	●	—
			COASTER	97.05-99.07	1H#	HDB5#, HZB4#, 5#	●	—	●	—
			COASTER	99.07-04.08	1HZ	HZB4#, 5#	●	—	●	—
11301-54032	<b>TCT-004</b>	TOYOTA			2L, 3L		●	—	●	—
11301-56022	<b>TCT-005</b>	TOYOTA	LAND CRUISER	78.11-80.07	B, 2B	BJ4#	●	—	●	—
			COASTER	78.11-80.07	2B	BB1#	●	—	●	—
			DYNA	78.11-80.08	B, 2B	BU2#, 3#	●	—	●	—
11301-56031	<b>TCT-006</b>	TOYOTA			B, 3B		●	—	●	—
11301-56050	<b>TCT-008</b>	TOYOTA	COASTER	84.08-88.08	3B	BB2#, 3#	●	—	●	—
			DYNA/TOYOACE QUICK	86.01-88.08	B	BU60	●	—	●	—
11301-56060	<b>TCT-009</b>	TOYOTA	LAND CRUISER	85.10-90.01	13BT	BJ71, 74	●	—	●	—
			DYNA/TOYOACE	88.08-89.10	13BT	BU85, 9#	●	—	●	—
11301-56070	<b>TCT-010</b>	TOYOTA			B, 3B		●	—	●	—
11301-58021	<b>TCT-011</b>	TOYOTA	COASTER	99.05-99.07	3B	BB4#	●	—	●	—
			DYNA/TOYOACE	99.05-02.06	4B	BU301, 1NO	●	—	●	—
			DYNA/TOYOACE	99.05-04.06	4B	BU30#, 346, 03S, 06S, T1, T2,	●	—	●	—
11301-58030	<b>TCT-022</b>	TOYOTA			15B-FT		●	—	●	—
11301-68011	<b>TCT-012</b>	TOYOTA	COASTER	84.11-85.10	2H	HB3#	●	—	●	—
11301-68020	<b>TCT-013</b>	TOYOTA	COASTER	85.10-90.01	2H, 12HT	HB3#	●	—	●	—
			LAND CRUISER	87.08-90.01	2H, 12HT	HJ6#	●	—	●	—
11301-71010	<b>TCT-067</b>	TOYOTA	CROWN COMFORT	95.12-01.08	3YPE	YXS1#	●	—	—	—
			CROWN COMFORT	01.08-	3YPE	YXS1#	●	—	—	—
11301-75011	<b>TCT-068</b>	TOYOTA	HIACE/REGIUSACE	94.01-95.08	1RZE, 2RZE	RZH10#, 112, 124	●	—	—	—
11301-75021	<b>TCT-069</b>	TOYOTA	DYNA/TOYOACE	00.05-03.06	3RZFPE	RZU300, 20T	●	—	—	—
			DYNA/TOYOACE	00.05-	3RZFPE	RZU301, 300, 30T	●	—	—	—
			DYNA 150/TOYOACE G15	01.07-03.08	3RZFPE	LY230, 280	●	—	—	—
			LAND CRUISER PRADO	02.09-04.08	3RZFE	RZJ12#	●	—	—	—
			HILUX SURF	02.11-04.08	3RZFE	RZN21#	●	—	—	—
			DYNA 150/TOYOACE G15	03.08-	3RZFPE	RZY231, 281	●	—	—	—
11301-75050	<b>TCT-070</b>	TOYOTA	DYNA 150/TOYOACE G15	01.07-03.08	1RZE	RZY220, 230	●	—	—	—
11301-76011	<b>TCT-071</b>	TOYOTA	ESTIMA/PREVIEW	94.01-98.01	2TZFE	TCR1#, 2#	●	—	—	—

Hydraulic  
Belt Tensioner

Timing  
Chain Cover



Genuine No.	Aisin No.	Make	Application				Component Parts			
			Model	Year	Engine Type	Body Type	Case	Water Pump	Oil Pump	Fan Clutch
11301-76011	<b>TCT-071</b>	TOYOTA	ESTIMA EMINA/LUCIDA	94.01-99.12	2TZFE	TCR1#, 2#	●	—	—	—
11302-35010	<b>TCT-072</b>	TOYOTA	COASTER	84.08-93.01	22R	RB2#	●	—	—	—
11310-66020	<b>TCT-073</b>	TOYOTA	LAND CRUISER	92.08-98.01	1FZFE	FZJ80	●	—	●	—
11320-67010	<b>TCT-015</b>	TOYOTA	LAND CRUISER	93.05-93.08	1KZTE	KZJ7#	●	—	●	—
			HIACE/ REGIUSACE	93.08-99.07	1KZTE	KZH10#, 11#, 12#, 13#	●	—	●	—
			LAND CRUISER	93.09-96.04	1KZTE	KZJ7#	●	—	●	—
			GRANVIA/ GRAND HIACE	95.08-	1KZTE	KCH1#	●	—	●	—
			HILUX SURF	95.11-00.08	1KZTE	KZN185	●	—	●	—
			LAND CRUISER PRADO	96.04-00.08	1KZTE	KZJ9#	●	—	●	—
			REGIUS/ TOURING HIACE	97.04-02.05	1KZTE	KCH4#	●	—	●	—
			HIACE/ REGIUSACE	99.07-04.08	1KZTE	KZH10#, 11#, 120, 13#	●	—	●	—
			11301-31625-71	<b>TCW-001</b>	INDUSTRIAL					●
11310-78151-71	<b>TCW-002</b>	INDUSTRIAL					●	●	—	—

# Cross Reference List / Fan Pulley Bracket

Genuine No.	Aisin No.	Make	Model	Engine Type	Reference				
					Component Parts				
					Fan Pulley Bracket	Fan Clutch	Pulley	Gasket	Nut
16307-50011	<b>FBT-001</b>	TOYOTA	CROWN/ CROWN MAJESTA	1UZ-FE	●	—	—	—	—
16307-50012	<b>FBT-002</b>	TOYOTA	CROWN/ CROWN MAJESTA	1UZ-FE	●	—	—	—	—
16307-50020	<b>FBT-003</b>	TOYOTA	CROWN/ CROWN MAJESTA	1UZ-FE	●	—	—	—	—
16307-62011	<b>FBT-004</b>	TOYOTA	T100, TACOMA, 4RUNNER	5VZ-FE	●	●	●	—	●
16307-62021	<b>FBT-005</b>	TOYOTA	HILUX SURF, 4RUNNER, LAND CRUISER PRADO	5VZ-FE	●	●	●	●	●
16307-62030	<b>FBT-004</b>	TOYOTA	T100	5VZ-FE	●	●	●	●	●
16307-62040	<b>FBT-004</b>	TOYOTA	T100	5VZ-FE	●	●	●	●	●
16307-64011	<b>FBT-008</b>	TOYOTA	CORONA	1C	●	—	—	—	—
16307-64012	<b>FBT-009</b>	TOYOTA	CORONA, LITE/TOWNACE TRUCK	2C	●	—	—	—	—
16307-64040	<b>FBT-010</b>	TOYOTA	LITE/TOWNACE NOAH VAN	3C-TE	●	—	—	—	—
16307-65020	<b>FBT-006</b>	TOYOTA	HI-LUX, PICKUP	3VZ-E	●	●	●	●	●
16307-65030	<b>FBT-007</b>	TOYOTA	HI-LUX, T100	3VZ-E	●	●	●	●	●
16307-65040, -65050	<b>FBT-007</b>	TOYOTA	HI-LUX, T100	3VZ-E	●	●	●	●	●
16380-50014	<b>FBT-002</b>	TOYOTA		1UZ-FE, 2UZ-FE	●	●	●	—	●
16380-50034, -50014	<b>FBT-002</b>	TOYOTA		1UZ-FE, 2UZ-FE	●	●	●	—	●
16380-50052, -50070	<b>FBT-002</b>	TOYOTA		1UZ-FE, 2UZ-FE	●	●	●	—	●
16380-50081	<b>FBT-002</b>	TOYOTA		1UZ-FE, 2UZ-FE	●	●	●	—	●
8-97108-785-1	<b>FBG-001</b>	ISUZU	RODEO, TROOPER		●	—	—	—	—
8-97231-718-0	<b>FBG-002</b>	ISUZU			●	—	—	—	—
MD143208	<b>FBM-001</b>	MITSUBISHI	MONTERO		●	—	—	—	—

**ATTENTION:**

- Genuine No.'s listed are part numbers for reference only.
- Representative Genuine No.'s may include components that are NOT included with the associated AISIN No.'s.
- AISIN No.'s listed designate part numbers for the Fan Pulley Bracket only.

**Fan Pulley Bracket**  
**Timing Chain Cover**



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