# 13559-22011 13559-0D020 13561-22020 Engine Timing Tension Chain Parts For TOYOTA ALLEX

#### **Basic Information**

Place of Origin: Guangdong, China

Brand Name: MASUMA
Minimum Order Quantity: 2 pieces
Price: Negotiation

Packaging Details: Anit-drop carton packaging
 Supply Ability: 100000 Piece/Pieces per Month



#### **Product Specification**

• Type: Timing Chain Kit

• Model: RAV 4 II (\_A2\_), SOLARA Coupe (\_V3\_),

CAMRY Saloon (\_V4\_), MR 2 III (ZZW3\_), CELICA Coupe (\_T23\_), RAV 4 III (\_A3\_)

• Year: 2006-2011, 1999-2006, 2001-2008, 2005-,

1999-2007, 2000-2005, 1998-2009

• Engine: 1.8, 1.8 16V TS (ZZT231\_), 2.4 (ACV40), 2.4

(ACA33), 2.4 4WD (ACR38), 2.4 4WD (ACA23, ACA22), 2.0 4WD (ACA21, ACA20), 2.4 (ACV30\_), 1.8 16V VT-i (ZZW30), 1ZZ-FE 3ZZ-FE 4ZZ-FE

• OE NO.: 13540-22022, 13559-22011, 13559-0D020,

13561-22020, 13561-0D020, 13521-22020, 13521-0D020, 13523-22020, 13523-0D020, 13540-0D020, 13506-0D010, 13540-0D010, 13559-0D010, 13561-0D010, 13523-0D010, 13521-0D010, 13523-22050, 13540-22021,

13506-22030, 13506-0D0

• Car Fitment: Toyota



#### More Images









#### **Product Description**

13559-22011 13559-0D020 13561-22020 Engine Timing Tension Chain Parts for TOYOTA ALLEX

#### **Product Description**

MASUMA

MGR-1003

Part Name

Timing chain kit 1ZZ-FE, 3ZZ-FE, 4ZZ-FE

OEM No.

22011,13561-0D020,13561-22020

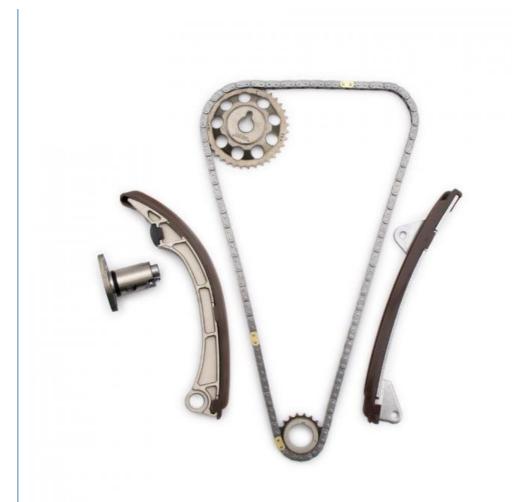
Maintenance

Warranty 24 months or 80 thousand kilometer

In stock

Contact for inventory

Timing chain replacement kit MASUMA MGR-1003 for 1ZZ-FE, 3ZZ-FE, 4ZZ-FE engines, which were installed on TOYOTA cars (ALLEX, ALLION, AURIS, AVENSIS, CALDINA, CELICA, COROLLA, COROLLA FIELDER, COROLLA RUNX, COROLLA SPACIO, COROLLA VERSO, ISIS, MR-S, MR2, OPA, PREMIO, RAV4, VISTA, VOLTZ, WILL VS, WISH). Complete set: Timing chain (Number of links - 130; marking - 1, 8, 34) Timing chain hydraulic tensioner Timing chain tensioner Timing chain damper Crankshaft gear Camshaft gear Masuma produces a complete kit for replacing the timing chain, which allows you to comprehensively service the timing chain mechanism. Masuma timing chains are made from high quality alloys, which are distinguished by wear resistance and durability. The chain rollers undergo a nitrocarburizing process, due to which they have a hardened surface layer. Tensile strength (mechanical stress): 13KN (~ 1325 kg) Outer plate (material - 40Mn, hardness -47-51HRC) Inner plate (material - 50CrV, hardness - 48-52HRC) Pin (material - 38CrMoAl, hardness -88- 92HR15N) Roller (material - 20CrNiMo, hardness - 88-92HE15N, nitrocarburizing - 0.15-0.25 mm) Masuma timing chain tensioner shoes effectively reduce the vibration amplitude of the timing chain. Coated with heavy-duty polymer material for long service life. Masuma timing chain dampers dampen residual vibration after the tensioner, preventing the chain from sliding off the camshaft and crankshaft sprockets. Reduces noise levels. Comprehensive replacement of all parts of the unit guarantees the correct operation of the timing. Laboratory tests showed that minor displacements of the valve timing began after 19,102 hours of operation at variable loads (bench tests were carried out on engines? -1ZZ-FE, SR20). The run-in stand showed - a slight shift in the valve timing began after 357,000 km. Tests in real conditions ~ 241,000 - 287,000 km. Summing up the tests, the resource Masuma timing chain kit is at least 200,000 km. Warranty for the kit timing chain 24 months or 80 thousand kilometers only if the timing chain kits are installed at Car Service Stations or Authorized Service Centers. spare parts and consumables for cars The main specialization of the brand: resource parts for post-warranty service of Japanese cars The strategy of the company is to offer consumers the best ratio of reliability and the price of spare parts All products are made according to the order of technologies and under the control of the parent company Masuma Auto Spare Parts Co. LTD (Tokyo Japan) in dozens of modern these factories located in East Asia.







#### **MASUMA**

#### Note:

MASUMA auto parts covered more than 900,000 different OEM numbers, here only show few parts.

Pls Contact us to check more and details information for you.

Search For Car Brand (Click)	Auto parts	Product List	Number of suitable car models
For Japanes Car:  For Toyota For Honda For Nissan For Mazda For Lexus For Infiniti For Mitsubishi For Suzuki For Subaru For DAIHATSU For ISUZU For Fuso	Auto Engine Systems	Air Filters	1215
		Fuel Filters	255
		Oil Filters	588
		Spark Plugs	59
		Engine Mounts	888
		Ignition Coils	255
		Ignition Cable	77
		Timing Chain Kit	67
		Cylinder Head Gaskets	223
		Ball Joints	655
For Korean Car:		Control Arms	394
For HYUNDAI For KIA		Rubber Bushing	685
		Shock Absorber Springs	153
	Auto Suspension Systems	Shock Absorbers	323
For Europe Car:		Stabilizer Links	453
For Benz For BMW For Audi For VW For Porsche For Skoda For Renault For Peugeot For Volvo For Alfa Romeo		Suspension Strut Bearings	110
	Auto Brake Systems	Brake Pads	1966
		Brake Discs	825
		Brake shoes	220
		Brake Cables	216
		Brake Hoses	707
		Tie Rod Ends	345
For America Car:		Tie Rods (Rack End)	247

For Ford For OPEL	Auto Steering Systems	Steering Gear Boots	435
Other brand:  For Land Rover For Jeep For Ssangyong		Steering Gears	60
	Auto Transmission Systems  Fluid & Chemicals  Other Auto Parts	Cabin Filters	736
		C.V. Joints	199
		C.V. Joint Boots	157
		Tensioner & Belts	1043
		Wheel Hubs	103
		Antifreeze	4
		Brake Lubricants	2
		Engine Lubricants	42
		Transmission Fluids	15
		Other Auto Parts	5074
		Tire Repair Tools	57
		Auto Fastener & Clip	1881
		Lug Nuts & Accessories	233
		Other Vehicle Tools	15



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RX300



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Golf



Passo



HR-V



Fortuner



Yaris



Avanza



Land Cruiser



Pajero (Montero)





#### Company Profile



MASUMA was founded in 1998 Japan, integrates R&D, production, sales and operation as one. It has its own

wholly-owned subsidiary factory and joint venture production base in**GuangZhou China**, have an area of **30,000 sqm**, **500+ employees** in the company, the annual turnover to reach 55 million USD. Masuma specializes in the design, development, manufacturing, sales and service of Japanese, German, American, Chinese and Korean auto parts. The current products include lubricating oil, transmission fluid, brake oil, brake pad, brake disc, filter, spark plug, ignition coil, ball joint, swing arm, shock absorber, belt, wiper, water tank cover and other series, over ten thousands of varieties, and products are sold to more than 100 countries and regions in the world.



Manufacturing Technique



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TAKAMAZ-FEELER



BROTHER SPEEDIO









Exhibition



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