

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

Our Product Introduction

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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

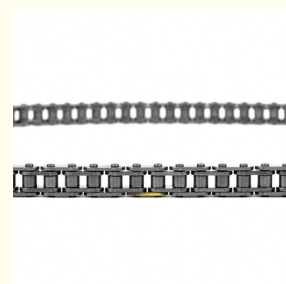


Product Specification

- 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

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Product Description

MASUMA No.	MGR-1003
Part Name	Timing chain kit 1ZZ-FE, 3ZZ-FE, 4ZZ-FE
OEM No.	1352,13521-0D020,13521-22020,13523-22020,13540-22022,13559-0D020,13559-22011,13561-0D020,13561-22020
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.



MGR-1003

MASUMA



Roller Chain, Links : 130

Marking plates : 1, 8, 34

For Ford
For OPEL
For Chevrolet

Auto Steering Systems

Steering Gear Boots 435

Steering Gears 60

Air Conditioning Systems

Cabin Filters 736

C.V. Joints 199

C.V. Joint Boots 157

Other brand:

For Land Rover
For Jeep
For Ssangyong

Auto Transmission
Systems

Tensioner & Belts 1043

Wheel Hubs 103

Antifreeze 4

Brake Lubricants 2

Fluid & Chemicals

Engine Lubricants 42

Transmission Fluids 15

Other Auto Parts 5074

Tire Repair Tools 57

Auto Fastener & Clip 1881

Other Auto Parts

Lug Nuts & Accessories 233

Other Vehicle Tools 15

MASUMA

MAIN CAR SERIES

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Tiida



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Golf



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Fortuner



Yaris



Avanza



Land Cruiser



Pajero(Montero)



Manufacturing Technique



PRECISION

Automated machinery

100,000 pieces/day



TAKAMAZ-FEELER



BROTHER SPEEDIO



TOYO



Mitutoyo QC



NGATA



KAWATA

Exhibition

EXHIBITION



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