

Auto Timing Chain Kit 13540-31021 13550-31020 13559-3102 for Lexus ES350 2GR 3GR 4GR

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

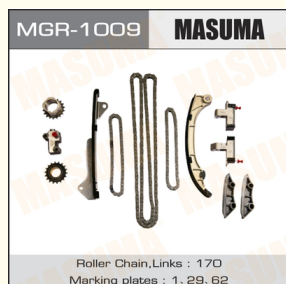


Product Specification

- Type: Timing Chain Kit
- Model: AVALON Saloon (_X3_), HIGHLANDER / KLUGER (_U4_), AVALON Saloon (_X3_), HIGHLANDER / KLUGER (_U4_), GSV60L
- Year: 2005-2012, 2007-, 2003-2014
- Engine: 3.5 4WD (GSU45_), 3.5 (GSU40_), 3.5 (GSX30_), 2GR 3GR 4GR
- OE NO.: 13507-31020, 13540-31020, 13540-31021, 13550-31020, 13560-31020, 13559-31020, 13561-31020, 13561-31021, 13562-31020, 13530-31020, 13530-31021, 13521-31041, 13521-31040, 13506-31030, 13506-31020, 13506-31031
- Car Fitment: Toyota
- Reference NO.: TK-0060
- Engine Code: 2GR 3GR 4GR
- Size: 31*15*5.5cm
- Warranty: 24 Months Or 80 Thousand Kilometre



More Images



Product Description

Product Description

MASUMA No.	MGR-1009
Part Name	Timing chain kit 2GR, 3GR, 4GR
OEM No.	13507-31020,13540-31020,13540-31021,13550-31020,13559-31020,1356,13560-31020,13561-31020,13561-31021
Maintenance	Warranty 24 months or 80 thousand kilometer
In stock	In stock

Timing chain replacement kit MASUMA MGR-1009 for the 2GR-FE engine, which was installed on TOYOTA cars (ALPHARD, AVALON, BLADE, CAMRY, CAMRY, CROWN, ESTIMA, HARRIER, HIGHLANDER, HIGHLANDER, MARK X, MARK X ZIO, RAV4, SIENNA, VANGUARD, VELLFIRE, VENZA), LEXUS (ES350, ES350, GS250, GS250, GS300, GS300, IS250, IS250, IS250, IS250C, RX350, RX350, RX450H, RX450H). Complete set: Timing chain (Number of links - 170; marking - 1, 29, 62) Camshaft chain No. 1 Camshaft chain No. 2 Hydraulic chain tensioner Timing chain tensioner Timing chain tensioner Timing chain guide No. 1 Timing chain guide No. 2 Timing chain damper Timing chain tensioner camshaft # 1 Camshaft chain tensioner # 2 Crankshaft gear Bypass gear Masuma manufactures a complete set for replacing the timing chain, which allows you to comprehensively service the timing 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-1009

MASUMA



Roller Chain, Links : 170
Marking plates : 1, 29, 62



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.

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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: For HYUNDAI For KIA	Auto Suspension Systems	Control Arms	394
		Rubber Bushing	685
		Shock Absorber Springs	153
		Shock Absorbers	323
		Stabilizer Links	453
For Europe Car: For Benz For BMW For Audi For VW For Porsche For Skoda For Renault For Peugeot For Volvo For Alfa Romeo	Auto Brake Systems	Suspension Strut	110
		Bearings	1966
		Brake Pads	825
		Brake Discs	220
		Brake shoes	216
		Brake Cables	707
		Brake Hoses	345
		Tie Rod Ends	247
		Tie Rods (Rack End)	435
		Steering Gear Boots	
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For Chevrolet

Air Conditioning Systems

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C.V. Joints

C.V. Joint Boots

Tensioner & Belts

Wheel Hubs

Antifreeze

Brake Lubricants

Engine Lubricants

Transmission Fluids

Other Auto Parts

Tire Repair Tools

Auto Fastener & Clip

Lug Nuts & Accessories

Other Vehicle Tools

60

736

199

157

1043

103

4

2

42

15

5074

57

1881

233

15

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