

## Car Model LEXUS HS250H Timing Chain Kit 13507-28010 15163-28010 13561-0H030 13521-28010

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: SOLARA Coupe (\_V3\_), CAMRY Saloon (\_V4\_), CELICA Coupe (\_T23\_), SOLARA Convertible (\_V3\_), PRIUS (\_W3\_), RAV 4 III (\_A3\_), COROLLA Saloon (\_E15\_), RAV 4 II (\_A2\_), MATRIX (\_E14\_), PRIUS PLUS (\_W4\_), 4 RUNNER (\_N21\_), FJ CRUISER (GSJ1\_), ANF10
- Year: 2006-2011, 1999-2006, 2006-, 2001-2008, 2009-, 2008-2014, 2003-2008, 2005-, 2011-, 2000-2005, 2000-2016
- Engine: 1.8 16V TS (ZZT231\_), 2.4 (ACV40), 1.8 Hybrid (ZVW4\_), 1.8 Hybrid (ZVW3\_), 2.4 (ACV30\_), 2.4, 1.8 VVTi (ZRE142), 2.4 (ACA33), 2.4 4WD (ACR38), 2.0 4WD (ACA21, ACA20), 2.4 4WD (ACA23, ACA22), 2, 1.8 (ZRE142\_), 2.4 (ACV30\_), 1AZ-FE 1AZ-FSE 2AZ-FE
- OE NO.: 13523-22020, 13507-28010, 15163-28010, 13507-0H020, 13540-28010, 13521-28010,



### More Images



Roller Chain, Links : 134/52  
 Marking plates : 1, 9, 36/1, 14



## Product Description

### Product Description

<b>MASUMA No.</b>	MGR-1008
<b>Part Name</b>	Timing chain kit 1AZ-FE, 1AZ-FSE, 2AZ-FE
<b>OEM No.</b>	13507-0H020,13507-28010,13523-22020,1354,13540-0H030,13540-28010,13559-0H030,13559-28010,15163-28010
<b>Maintenance</b>	Warranty 24 months or 80 thousand kilometer
<b>In stock</b>	In stock

Timing chain replacement kit MASUMA MGR-1008 for 1AZ-FE, 1AZ-FSE, 2AZ-FE engines, which were installed on TOYOTA cars (Allion, Alphard, Avensis, Blade, Caldina, Camry, Corolla, Estima, Gaia, Harrier, Highlander, Ipsum, Kluger, Matrix, Nadia, Noah, Opa, Premio, Previa, Rav4, Sai, Solara, Vanguard, Vellfire, Vista, Voxy), SCION (TC, XB), LEXUS (HS250H) links - 134; marking - 1, 9, 36) Oil pump chain (Number of links - 52; marking - 1, 14) Timing chain hydraulic tensioner Timing chain tensioner Timing chain tensioner Timing chain tensioner Oil pump chain tensioner Crankshaft gear No. 1 Crankshaft gear No. 2 Camshaft gear Oil pump gear Masuma manufactures a complete timing chain replacement kit, which allows comprehensive maintenance of 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-1008**

**MASUMA**



Roller Chain, Links : 134/52  
 Marking plates : 1、9、36/1、14



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Brake Lubricants

Engine Lubricants

Transmission Fluids

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Tire Repair Tools

Auto Fastener & Clip

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Other Vehicle Tools

60

736

199

157

1043

103

4

2

42

15

5074

57

1881

233

15

**MASUMA**

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## Exhibition



# EXHIBITION



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