

## MASUMA Automotive Parts Timing Chain Kit 1130A172 MN128498 for MITSUBISHI COLT PLUS

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: MIRAGE Saloon (A1\_A), FORTWO Cabrio (451), FORTWO COUPE (451), MIRAGE Saloon (A1\_A), FORTWO Cabrio (451), FORTWO COUPE (451), Z21A
- Year: 2013-, 2007-, 2007-, 2004-2010
- Engine: 1.2, 1.0 (451.431, 451.480), 1.0 Turbo (451.432), 1.0 Turbo (451.332), 1.0 (451.331, 451.380), 1.0 Turbo (451.333), 3A91 4A90 4A91
- OE NO.: 1140A105, MR984193, 1130A172, MN128498, 1141A024, MR984190, 1141A025, MR984189, 1140A046, 1140A056, MN128497
- Car Fitment: Smart, MITSUBISHI
- Reference NO.: KDK-M04, 62 94 5260, 422189, 45260, WG1725298, 553 0243 10, 3473001, V37-0121, TK-0067, WG1431392, TCK205VVT, KCD007, KCC007, KCS007



### More Images



## Product Description

### Product Description

<b>MASUMA No.</b>	MGR-3002
<b>Part Name</b>	Timing chain kit 3A91, 4A90, 4A91
<b>OEM No.</b>	1130A172,1140A046,1140A056,1140A105,1141A024,1141A025,MN128497,MN128498,MR984189,MR984190,MR984193
<b>Maintenance</b>	Warranty 24 months or 80 thousand kilometer
<b>In stock</b>	In stock

Timing chain replacement kit MASUMA MGR-3002 for engines 3A91, 4A90, 4A91, which were installed on MITSUBISHI cars (COLT, COLT, COLT PLUS, LANCER, LANCER SPORTBACK). Complete set: Timing chain (Number of links - 122; marking - 1, 8, 37) Timing chain hydraulic tensioner Timing chain damper Crankshaft gear Camshaft gear Camshaft gear No. 1 Camshaft gear No. 2 Masuma produces a complete set for chain replacement Timing belt, which allows you to comprehensively service the gas distribution 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 break-in stand showed - a slight displacement of the phase angle



# MGR-3002

# MASUMA



Roller Chain, Links : 122  
Marking plates : 1/8/37

CERTIFICATE

Guarantee of authenticity



## MASUMA

### Note:

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For VW		Brake Discs	220
For Porsche		Brake shoes	216
For Skoda		Brake Cables	707
For Renault		Brake Hoses	345
For Peugeot		Tie Rod Ends	247
For Volvo		Tie Rods (Rack End)	435
For Alfa Romeo		Steering Gear Boots	60
<b>For America Car:</b>	Auto Steering Systems	Steering Gears	736
For Ford	Air Conditioning Systems	Cabin Filters	199
For OPEL		C.V. Joints	157
For Chevrolet		C.V. Joint Boots	1043
<b>Other brand:</b>	Auto Transmission Systems	Tensioner & Belts	103
For Land Rover		Wheel Hubs	4
For Jeep		Antifreeze	2
For Ssangyong	Fluid & Chemicals	Brake Lubricants	42
		Engine Lubricants	15
		Transmission Fluids	5074
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		Tire Repair Tools	1881
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