

## Replacement parts Auto Engine Systems HYUNDAI Timing Chain Kit 24361-4A020 23351-4A020 24370-4A020 24370-4A030

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

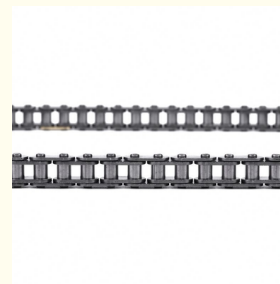


### Product Specification

- Type: Timing Chain Kit
- Model: Ix35 (LM, EL, ELH), TUCSON (TL)
- Engine: 2.0 GDi 4WD, 2.0 GDI, 2.0 CRDi All-wheel Drive, D4CB
- Year: 2015-, 2009-, 2001-2006
- OE NO.: 24351-4A020, 24361-4A020, 23351-4A020, 24370-4A020, 24370-4A030, 24380-4A020, 24380-4A030, 23360-4A020, 23360-4A030, 24386-4A020, 24377-4A020, 24377-4A030, 24388-4A020, 24388-4A030, 23367-4A030, 23367-4A020, 24331-4A000, 24340-4A000
- Car Fitment: Hyundai
- Reference NO.: OTK034044, 99 11 0402, TK-0021, 3484022, 553 0280 10, ADG07371, OTK031044, OTK030044, TCK6017.01
- Engine Code: D4CB
- Size: 31\*15\*5.5cm
- Warranty: 24 Months Or 80 Thousand Kilometre



### More Images



## Product Description

### Product Description

<b>MASUMA No.</b>	MGR-9012
<b>Part Name</b>	Timing chain kit D4CB
<b>OEM No.</b>	23351-4A020,23360-4A020,23360-4A030,23367-4A020,23367-4A030,24351-4A020,24361-4A020,24370-4A020,24370-4A030,24376-4A020,24376-4A030,24377-4A020,24377-4A030,24380-4A020,24380-4A030,24386-4A020,24386-4A030,24387-4A020,24387-4A030,24388-4A020,24388-4A030
<b>Maintenance</b>	Warranty 24 months or 80 thousand kilometer
<b>In stock</b>	In stock

Timing chain replacement kit MASUMA MGR-9012 for the D4CB engine which was installed on HYUNDAI (H-1, PORTER II, STAREX), KIA (SORENTO, SORENTO-FY) cars. Package contents: Timing chain Camshaft chain Oil pump chain Hydraulic tensioner of the timing chain Timing chain tensioner Timing chain tensioner Camshaft chain tensioner Camshaft chain tensioner Camshaft chain tensioner Camshaft chain guide Camshaft chain guide Oil pump chain tensioner Oil pump chain tensioner No. 1 Oil pump chain tensioner pump No. 2 Crankshaft gear Camshaft gear No. 1 Camshaft gear No. 2 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 break-in stand showed - a slight displacement of the phase angle



# MGR-9012

# MASUMA



Roller Chain, Links : 98/90/80

Marking plates : 1、6、24/1、2、11、28/1、16

CERTIFICATE

Guarantee of authenticity



## MASUMA

### Note:

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