

## TIMING CHAIN KITS

ENGINE CONTROL | 11305

**VAICO timing chains** are made of metal alloy and therefore withstand any load. In addition to traction **capacity** and **endurance strength**, **resistance to abrasion** is one of the most important quality features of our chains.

As a result of the dynamic movement between the chain pin and the sleeve, both parts inevitably wear out over time. The so-called "elongation" of the chain can lead

to an increasing play in the chain joints for instance.

Our **chain tensioners** are designed to **ensure** a long-lasting and consistent function under any load. They are produced with **high accuracy of fit**, which facilitates the installation.

To improve shock-absorption and minimize the noise, the timing chain is led over

guides made of **high-quality plastic**. These guides benefit from a resistant coating with advanced emergency running properties. Guides are made of high-performance thermoplastic.

The gears of the camshaft and the crankshaft are **characterised by a high accuracy of fit**. In order to minimise wear, the ending tips of the gears benefit from a **specific shape and treatment**.



### SYMPTOMS

- Rattling timing chain
- Irregular engine function
- Loss of performance
- Increased fuel consumption
- Engine check-light turns on



### CAUSES OF FAILURE

- Elongated timing chain
- Misaligned injection timing



### CONSEQUENTIAL DAMAGES

- Engine breakdown



### RECOMMENDED FROM SPECIALISTS

- Replacement intervals according to manufacturer
- Replacing of timing chains only by specialists
- Also renew the tensioner, slide rails and mounting accessories



### DID YOU KNOW?

Depending on the manufacturer, the **replacement interval** of timing chains and their other components is between **100.000** and **175.000 km**



### VAICO'S TIMING CHAIN KITS

About 130 EXPERT KITS+ of Timing Chains you'll find on [www.vierol-shop.de/en](http://www.vierol-shop.de/en)

- over 60 Timing Chain Kits in **Q+** OEM-quality
- high market coverage
- strong availability
- maximum wear resistance

