

## 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 FOR FAILURE

- Elongated timing chain
- Misaligned injection timing



### CONSEQUENTIAL DAMAGES

- Tearing of the timing chain causes engine damages



### DID YOU KNOW?

Our longstanding experience has shown that a professional repair of the timing chain requires to replace also surrounding components. Therefore, we have decided to carry **as of January 2019 VAICO timing chains only as sets**. Depending on the vehicle application and the assembly options, several sets will be available.



### TIMING CHAIN KITS BY VAICO

For more than 70 products within the timing chains range check [www.autoteile.de](http://www.autoteile.de)

- **only in OE-Quality:** VAICO timing chains
- **highest resistance to abrasion:** Chain pins with TRITAN<sup>®</sup> coating



\* For detailed vehicle information, please refer to the vehicle lists under [www.autoteile.de](http://www.autoteile.de).

Notes: Temporary offers are only valid while stocks last. All offers remain subject to prior sale. Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. All prices are net prices. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG

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These and other timing chain kits from the VAICO range can be found at [www.autoteile.de](http://www.autoteile.de).



### V10-10001-BEK

### V10-10001

X-Ref	06H 109 158 N kit2*	06H 109 158 N kit*
<b>Applications</b>	<b>Audi</b> A3, A4, A5, Q3, TT <b>Seat</b> Alhambra, Altea, Leon <b>Škoda</b> Octavia, Superb, Yeti <b>VW</b> Golf, Jetta, Passat, Sharan, Tiguan	<b>Audi</b> A3, A4, A5, Q3, TT <b>Seat</b> Alhambra, Altea, Leon <b>Škoda</b> Octavia, Superb, Yeti <b>VW</b> Golf, Jetta, Passat, Sharan, Tiguan
<b>Engine</b>	1.8 TFSi & 2.0 TFSi	1.8 TFSi & 2.0 TFSi
<b>Timing Chain</b> V10-4456, X-Ref 06H 109 158 N*	✓	✓
<b>Guides, timing chain</b> V10-4464, X-Ref 06H 109 469 AQ*	✓	✓
<b>Guides, timing chain</b> V10-4465, X-Ref 06H 109 469 AH*	✓	✓
<b>Tensioner Guide, timing chain</b> V10-4466, X-Ref 06H 109 509 P*	✓	✓
<b>Tensioner Guide, timing chain</b> V10-4459, X-Ref 06H 109 467 AE*	✓	✓
<b>Timing Chain</b> V10-4455, X-Ref 06K 109 158 AD*		✓
<b>Guides, timing chain</b> V10-4461, X-Ref 06H 109 469 T*		✓
<b>Tensioner Guide, timing chain</b> V10-4463, X-Ref 06H 109 509 Q*		✓
<b>Tensioner, timing chain</b> V10-3169-1, X-Ref 06K 109 467 K*		✓
<b>Chain Tensioner, oil pump drive</b> V10-4460, X-Ref 06H 109 507 M*		✓
<b>Chain, oil pump drive</b> V10-4458, X-Ref 06K 115 225 C*		✓
<b>Gear, crankshaft</b> V10-4467, X-Ref 06H 105 209 AT*		✓

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