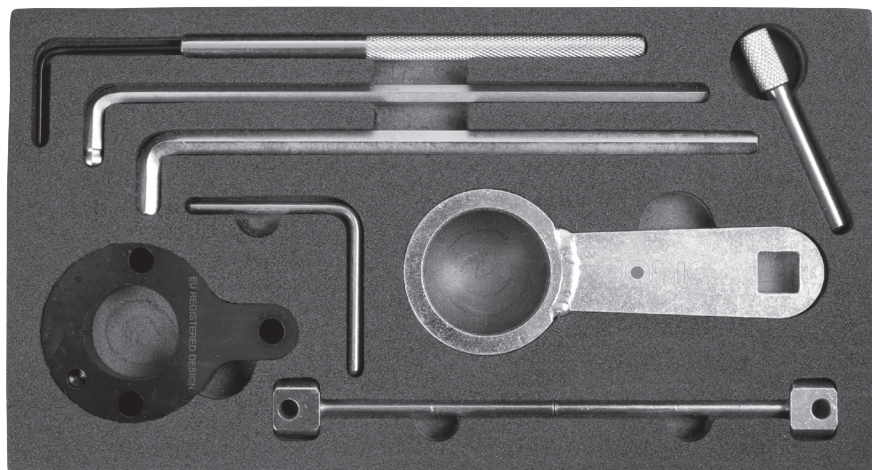


ART NO. 829115



Engine Timing Tool Kit

VAG 1.4 | 1.6 | 2.0 (2012 on) TDi CR



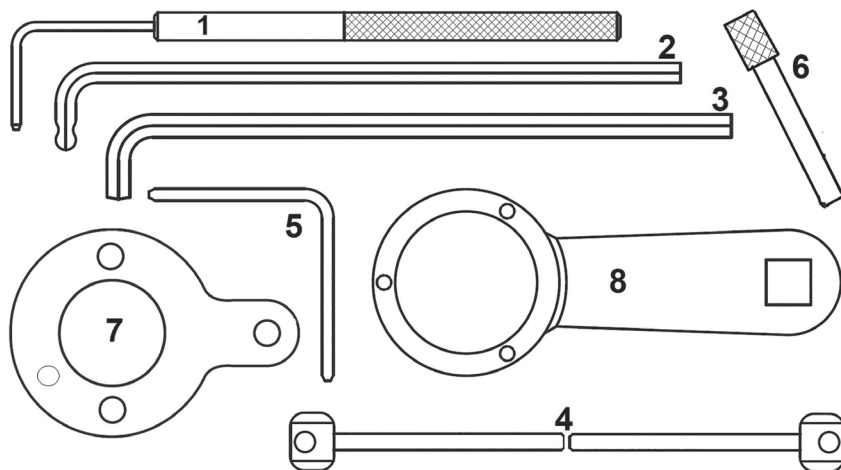
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Description

The 829115 is a comprehensive kit for removal and fitting of the camshaft drive belt on the popular 1.4, 1.6 and 2.0 VAG TDi CR diesel engines found across the VAG ranges from 2012.

The engines covered utilise a belt with transfer gears in the head. Included in the kit are the pins required for timing the camshafts in the head, updated for 2018.

Plan Layout



| Ref | Code | OEM | Description |
|-----|---------|---------|---|
| 1 | 4880196 | T10265 | 2.5mm Cambelt Tensioner Locking Tool |
| 2 | 4880197 | T10264 | 6mm Ball-end Hex Key |
| 3 | 4880413 | T10409 | 8mm Hex Key |
| 4 | 4880308 | T10492 | Fuel Pump Locking & Camshaft Alignment Pins x 2 |
| 5 | 4880157 | T10060A | Auxilliary Drive Tensioner Pin |
| 6 | 4880096 | T10490 | Camshaft/Crankshaft Timing Pin |
| 7 | 4880304 | | Crankshaft Timing Tool & Locking Pin |
| 8 | 4880152 | T10051 | Sprocket Holding Tool for High Pressure Fuel Pump (1/2"D) |



The following instructions are for guidance only. Please refer to OEM derived data such as the vehicle manufacturers' own data or Autodata.

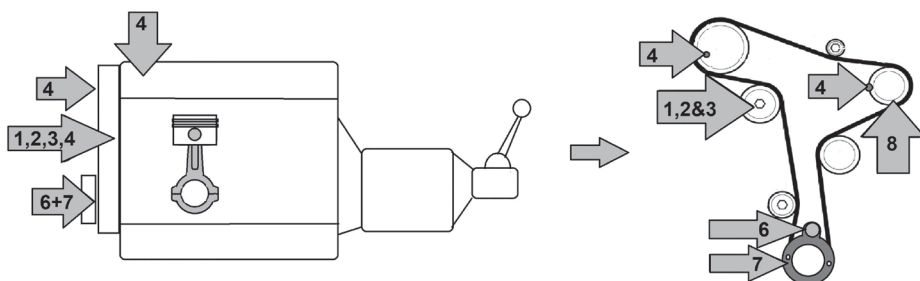
The use of these engine timing tools is purely down to the user's discretion and Sonic Equipment cannot be held responsible for any damage caused what so ever.

Applications

| Make | Model | Year | Type |
|------------|-----------------------|-----------|--------|
| Audi | A3 (Third generation) | 2012-2018 | TDI CR |
| | A4 | | |
| Seat | Leon III | | |
| Volkswagen | Golf VII | | |
| Skoda | Octavia | | |

| Engine Size | Engine Code |
|-------------|--|
| 1.4 | CUSA, CUSB, CUTA |
| 1.6 | CLHA, CLHB, CRKA, CRKB |
| 2.0 | CKFC, CKFB, CRBC, CRBD, CRFA, CRFC, CRLB, CRLC, CRMB, CRVA, CRVC, CSUA, CSUB, CUNA, CUPA |

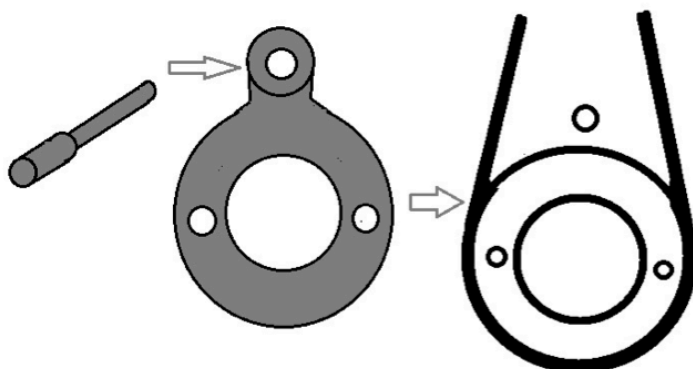
Instructions



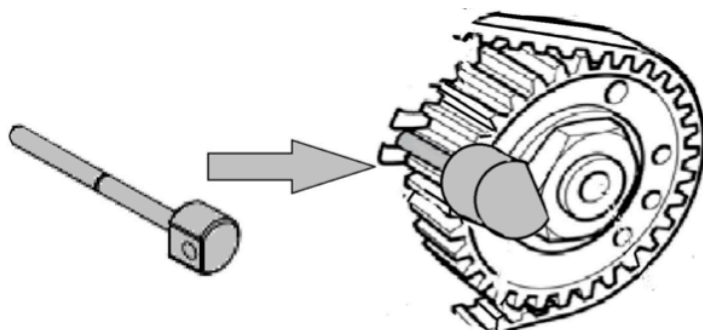
NOTE:

Use **Component 5** to lock the auxiliary belt tensioner in its fully retracted position.

Align the timing marks according to the manufacturer's instructions and fit the crankshaft alignment tools **6** and **7** as shown.

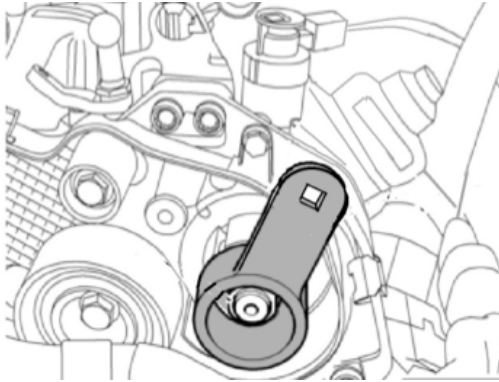


Set the fuel pump sprocket position using one of **4** as shown.

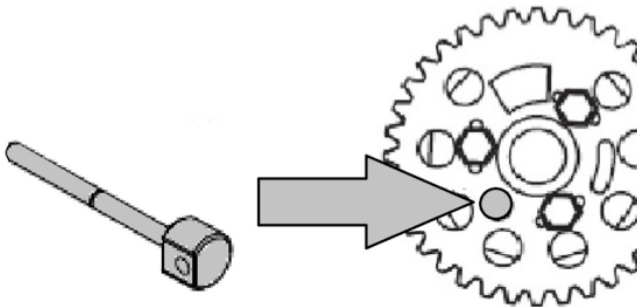


Instructions

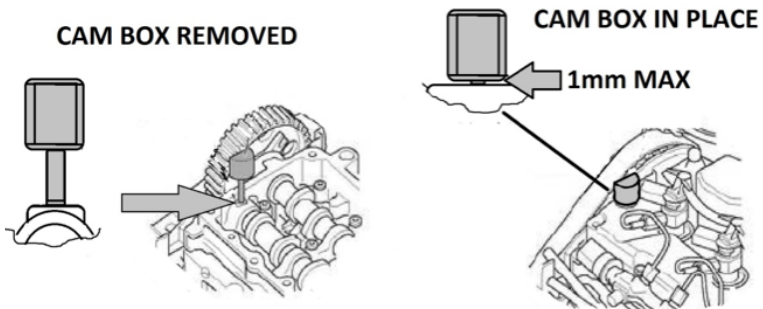
Use **Component 8** to hold the fuel pump pulley if removal is required.



Set the rear camshaft position using **Component 4** to lock the camshaft sprocket as shown.

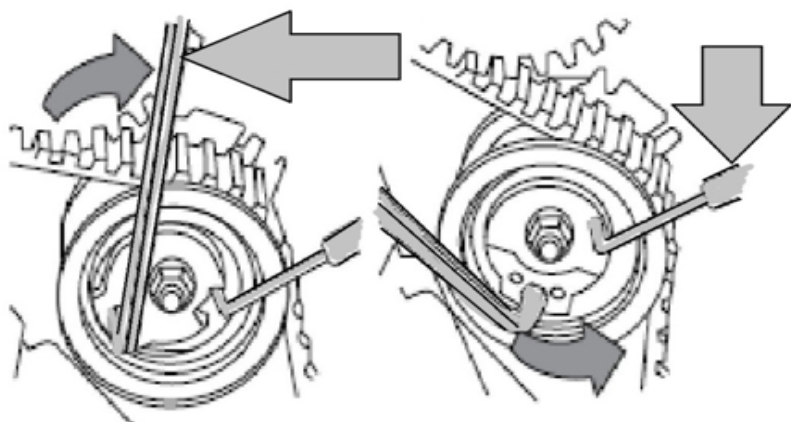


Set the front camshaft position from the top of the engine as shown using **Component 4**. This can be done with the cam cover in place or removed.



Instructions

Use **Components 1** and **2** or **3** to set the belt tensioner position.



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If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.