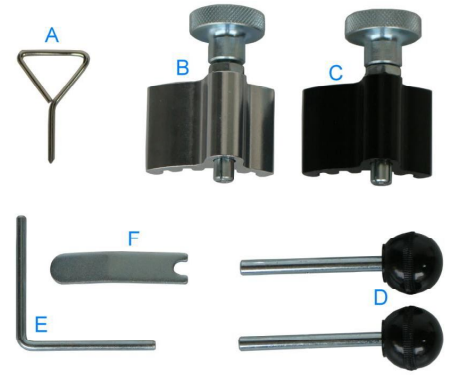


Part # 2777

VW/Audi TDI Timing Tool Kit - 1.9L & 2.0L

- For VAG 1.9L & 2.0L TDI PD DOHC Engines found on Audi A4, A6, VW Golf, Jetta and Touareg Models
- Includes: 2 Crankshaft Holders and complete set of Locking Pins
- Compare to factory tool numbers: 3387, T10020, T10098A, T10050, 310085, T10010, 3359, T20102, T10060/A, T10115, T40011
- Includes:
 - 2770 - VW Injection Pump Locking Pin
 - 2858 - VW Crankshaft Holder (Black) - T10050 Engine Codes: BEW, BHW, BRM, CBEA, CJAA, & CKRA
 - 2859 - VW Crankshaft Holder (Silver) - T100100 Engine Code: BRM

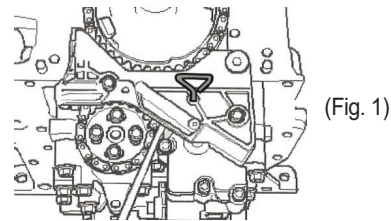


CAUTION: To prevent injury, always wear gloves and eye protection that meets ANSI Z87.1 and OSHA standards.
CAUTION: To prevent equipment damage, clean and lubricate threaded screws and holes before and after use.

INSTRUCTIONS:

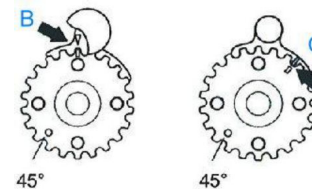
1. Tensioner Pulley Locking Pin

- The balancer shaft is driven from the crankshaft by a chain. During removal and installation the guide rail is depressed to remove tension from the chain and the tensioner "locked" by inserting (A) (Fig. 1).
- With the sump pan removed, the balance shaft assembly can be detached along with the oil pump, by releasing the 8 securing bolts.



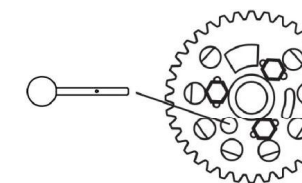
2. Crankshaft Setting Tool - Bored & Non Bored Engines

- (B) and (C) are both crankshaft position locking tools and whilst they work on the same principle they are different.



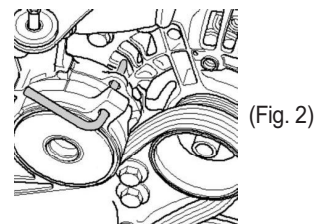
3. Injection Pump Locking Pins (2)

- It is used to hold the Camshaft in the correct position and allows the Cam sprocket to be loosened whilst maintaining the position of the camshaft.



4. Auxiliary Drive Belt Tensioner Locking Pin

- Kit HL-8206 includes (E) for the auxiliary belt tensioner unit. The tensioner is levered away from the belt and "locked" in the retracted position using (E) in order that the belt can be removed. (Fig.2).



5. Tensioner Locking Tool

- It is inserted into the automatic tensioner unit after the tension has been released but before the timing belt is removed. This tool is left in place until the tension has been re-set after fitting the new belt.

