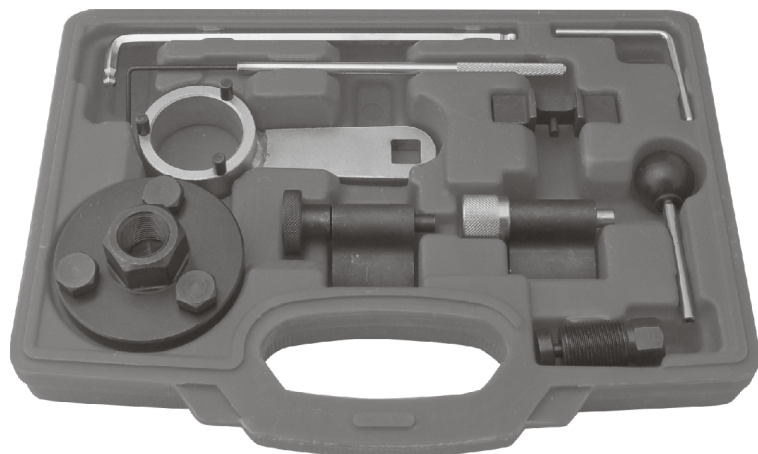




TIMING TOOL SET CT3585

FOR VAG 1.6/ 2.0LITRE TDI PD COMMON RAIL DIESEL ENGINES



IMPORTANT: READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THE TOOL CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

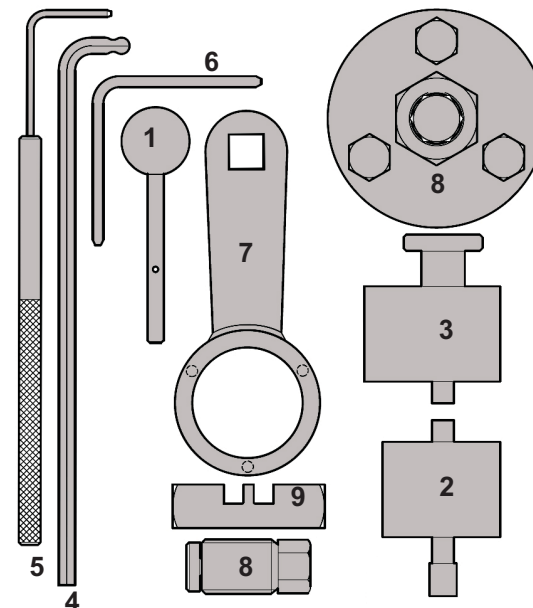
1. SAFETY INSTRUCTIONS

- Be careful when working on hot engines – risk of burn!
- Be careful when working on running engines. Loose clothes, tools and other things can be caught up in revolving parts which may lead to serious injuries.
- Remove the ignition key before repair so that the engine will not start unintentionally.
- **This manual is just brief information and will not replace a garage handbook.** Always consult specific service literature for information about torques, assemblies and disassemblies etc.
- After any successful maintenance and before starting the engine, you should rotate the engine for two turns manually to check the new control time.

Instruction Manual

2. TOOLS

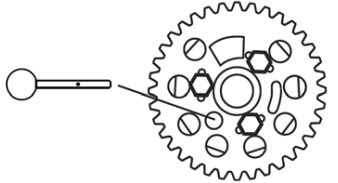
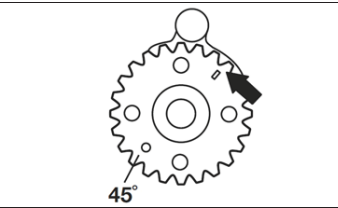
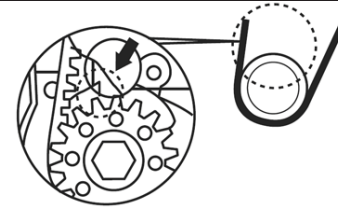
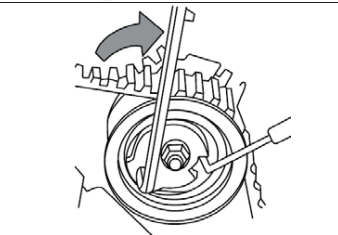
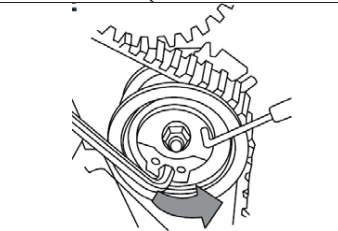
- 1 Injection Pump / Camshaft Alignment Pin
to be used as OEM T20102, 3359
- 2 Crankshaft Pulley Locking Tool
to be used as OEM T10050
- 3 Crankshaft Pulley Locking Tool
to be used as OEM T10100
- 4 Tensioner Pulley Adjustment tool (2.4mm Hex key)
to be used as OEM T10264
- 5 Tensioner Pulley Locking tool
to be used as OEM T10265
- 6 Auxiliary Tensioner Locking tool (3.9mm)
to be used as OEM T40098
- 7 Sprocket Holding Tool
to be used as OEM T10051
- 8 Cam Sprocket Hub Puller
to be used as OEM T10052
- 9 Oil pump | Balancer Shaft Alignment
to be used as OEM T10255



APPLICATIONS

VEHICLE	MODEL	YEAR	ENGINE CODE
Audi	A3 1.6	2009-	CAYB, CAYC
Audi	A3 2.0 A4 2.0 A6 2.0 Q5 2.0	2007-	CBAB, CBBB, CBAA, CFFB, CAGA, CAHA, CAGB, CAHB, CAGC
Volkswagen	Golf 1.6 Golf Plus 1.6	2009-	CAYB, CAYC
Volkswagen	Tiguan 2.0 Passat 2.0 Eos 2.0 Golf 2.0 Golf Plus 2.0	2008-	FCA, CAAA, CAAB, CAAC, CCHA, CAVA, CBAB, CBDA, CBDD, CBBB, CBAA, CBAC, CBDA, CBDC
Seat	Exeo 2.0	2009-	CAGA, CAHA, CAGA

3. INSTRUCTIONS

<p>Tool 1 The injection pump and camshaft alignment pin 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 (always use an appropriate sprocket holding tool to prevent damage to the pin).</p>	
<p>Tool 2 and 3 are both crankshaft position locking tools and whilst they work on the same principle they are different. Use the appropriate tool unit for the vehicle as recommended by the manufacturers' instructions.</p>	
<p>Note: A crankshaft pulley requiring the T10050 has its timing mark aligned with a tooth where as a pulley requiring the T10100, the timing mark is between the teeth.</p>	
<p>Tool 4 allows the user to adjust the Camshaft drive belt tensioner pulley.</p>	
<p>Tool 5 is used to lock the tensioner in the retracted position to make belt removal and fitting easier.</p>	
<p>Tool 6 is used to lock the auxiliary belt tensioner in its retracted position. Tool 7 the sprocket holding tool allows the user to hold the appropriate sprocket whilst loosening its fixing without damaging the locking pins. Tool 8 is a Camshaft hub puller and is required when dismantling the upper cylinder head. It is used to remove the Cam to Cam gears so they can be timed to each other correctly. Tool 9 is for removing and installing the balance shaft module</p>	