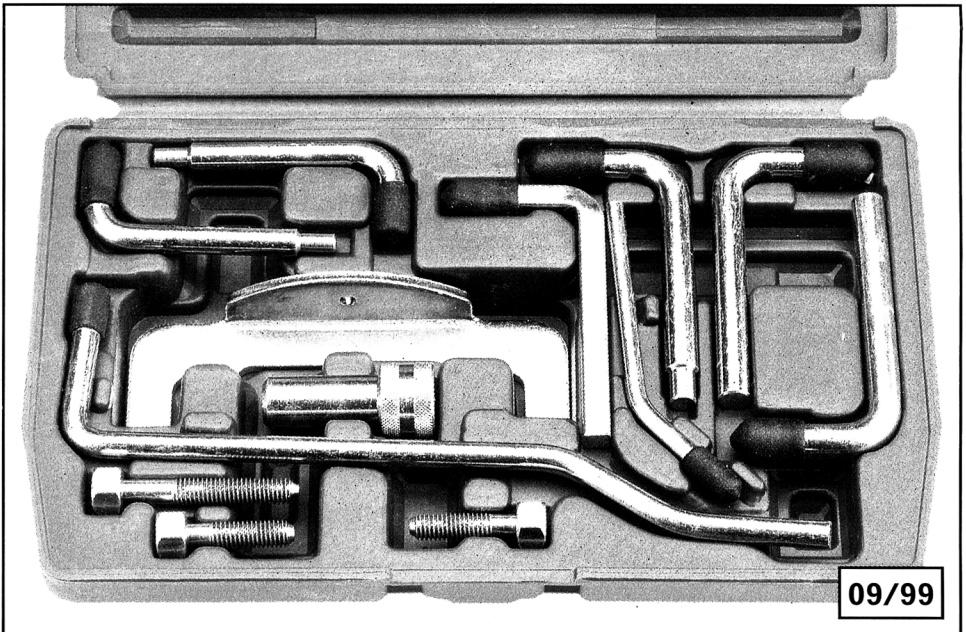


INSTRUCTIONS FOR GUIDANCE ONLY, USING THE DRAPER

13 PIECE DIESEL AND PETROL ENGINE TIMING KIT

■ PART No.DTK-MULTI1 ■ STOCK No.57629



• INSTRUCTIONS •

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE
SAFE AND EFFECTIVE USE OF THIS KIT.

OPERATING INSTRUCTIONS (FOR GUIDANCE ONLY)

IMPORTANT:

For detailed and concise instructions on the correct use of this kit, refer to Haynes technical book, - 'Diesel engine service guide' (Draper Stock No.59241 available from your local Draper stockist).

WARNING:

Incorrect or out of phase engine timing can result in mechanical contact between the valve head and the piston crown causing serious damage to the engine. No responsibility can be accepted for any loss or damage arising from the incorrect use of this kit.

This set is required to enable the correct engine timing to be maintained when the engine timing belt needs to be replaced or removed and refitted as part of a service procedure.

Always refer to the vehicle's manufacturer's handbook for concise instructions, covering the use of this specialised set on the engine to be serviced.

Application list is detailed opposite and guidance only instructions for the timing belt replacement are listed below.











GUIDANCE ONLY INSTRUCTIONS:

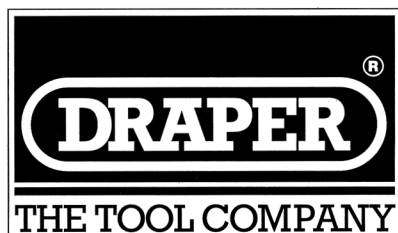
The following guidance instructions outline the general precautions and workshop practices when replacing engine timing belts.

1. Always turn the engine in the normal direction of rotation (clockwise), unless otherwise stated in the manufacturer's handbook.
2. Never turn the camshaft, crankshaft, or diesel injector pump, once the timing belt has been removed.
3. Always turn the engine from the crankshaft, NEVER the camshaft.
4. Removing the spark plugs or glow plugs will make the engine easier to turn over by hand.
5. Make sure you mark the direction of rotation, if the timing belt is to be re-fitted. Always re-fit the timing belt so that the original direction of rotation is maintained.
6. Always check the diesel injection pump or the ignition timing, after the engine timing belt has been replaced.

After use, remove all setting pins/locking plate. Turn the engine over twice by hand, to complete a full cycle. Regain engine setting position, (usually top dead centre). Now insert setting tools to re-check that the alignment is correct.

Remove setting tools and turn engine over twice by hand, to complete a full cycle and ensure no obstructions.

GUIDANCE APPLICATION LIST: IMPORTANT: For detailed and concise instructions on the correct use of these tools, refer to the vehicle manufacturer's handbook.											
	CAMSHAFT LOCKING PLATE 	INJECTION PUMP PIN 	REVERSIBLE FLYWHEEL SETTING PIN 	INJECTION PUMP SPROCKET BOLTS (2) 	CAMSHAFT SPROCKET TIMING BOLT 	CAMSHAFT SPROCKET TIMING PINS (2) 	CRANKSHAFT TIMING PIN 	TIMING BELT TENSIONER (for use with 1.5kg weight or spring balance) 	CAMSHAFT AND CRANKSHAFT TIMING PINS (2) 	CRANKSHAFT SPROCKET TIMING PIN 	
AUDI: 80D, 80TD, 100SD 100D, 100CLD, 100TD	●	●									
CITROEN: AX 1.4D				●			●				
CITROEN: AX 1.0, 1.1, 1.4, BX 1.4, ZX 1.1, 1.4, C15, 1.0, 1.1, 1.4				●			●	●	●		
CITROEN: BX 16, BX 19, VISA 1.6GT, XM2.0 ZX (1982-91)									●		
CITROEN: BX 16, BX 19, VISA 1.6GT, XM2.0 ZX (1982-ON)									● (1)	●	
CITROEN: BX 17D, BX 19D, VISA 17D, C15D, C25D, XANTIA 1.9D, XM2.0TD, 2.2TD, ZX 1.9D		●	●	●	●						
CITROEN: BX GTi, ZX 1.9i-16 VALVE						●	●				
PEUGEOT: 205, 305, 306, 309-1.7D, 1.8TD, 1.9D, 1.9TD, 405D, 405TD, 605D, 605TD			●	●	●						
PEUGEOT: 106, 205, 306, 309, 405-1.0, 1.1, 1.4									●		
PEUGEOT: 205, 305, 309, 405-1.6, 1.9 (1984-91)							●		●		
PEUGEOT: 205, 305, 309, 405-1.6, 1.9 (1992-ON)									● (1)	●	
PEUGEOT: 306GTi, 405M16-16 VALVE						●	●				
ROVER: 218SD, 218SLD, 418SLD, 418GSD			●	●	●						
ROVER: METRO 1.4D								●			
TALBOT: HORIZON, SOLARA 1.9D, JS-EXPRESS			●	●	●						
VOLKSWAGEN: POLO 1.3D, 1.4D, GOLF/PASSAT 1.5D, GOLF/JETTA/CADDY 1.6D, 1.6TD, PASSAT/SANTANA D, TURBO D, PASSAT 1.9D, 1.7D, 2.4D, TRANS-PORTER 1.6D, TURBO D, 1.7D	●	●									
VOIWO: 240, 2.0D, 2.4D, 740, 2.4TD, 760, 2.4TD, 940	●	●									



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