

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THE PRODUCT 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

- WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- DO NOT** use tools if damaged.
- Maintain tools in good and clean condition for best and safest performance.
- Ensure that a vehicle which has been jacked up is adequately supported with axle stands.
- Wear approved eye protection. A full range of personal safety equipment is available from your Sealey dealer.
- Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery and tie back long hair.
- DO NOT** attempt to start engine or move vehicle whilst in gear with the timing devices fitted.
- Always display a warning notification on steering wheel when timing engine components.
- Account for all tools, locking bolts, pins and parts being used and do not leave them in or near the engine.
- Ensure all pieces are returned to the case and store this in a safe, dry, childproof location.
- WARNING!** Incorrect or out of phase camshaft timing can result in contact between valve head and piston crown causing damage to the engine.

IMPORTANT: These instructions are provided as a guide only. Always refer to the vehicle manufacturer's service instructions, or a proprietary manual, to establish the current procedure and data.

WARNING: The warnings, cautions and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

2. INTRODUCTION

This kit covers the complete range of Ford Duratec petrol engines from 1.25L to 2.0L 16v. in both belt and chain drive variants, and also Ford Duratorq diesel engines from 1.4L to 2.0L. Also suitable for some Citroen, Mazda and Peugeot vehicles.



3. APPLICATIONS

FORD 1.25, 1.4, 1.6, 1.7, 1.8 & 2.0 Twin Cam 16v. DURATEC Petrol engines (Cambelt and Camchain) in:

Cougar	2.0	(98-01)
Fiesta	1.25/1.4/1.6	(95-08)
Focus	1.4/1.6/1.8/2.0	(98-08)
	1.6 VCT-Ti	(04-09)
C-Max	1.8/2.0	(02-08)
	1.6 VCT-Ti	(04-09)
Fusion	1.25/1.4/1.6	(02-08)
Mondeo	1.8/2.0	(98-08)
Puma	1.7	(97-02)
Tourneo Connect	1.8	(02-06)
Transit Connect	1.8	(02-06)

Engine Codes: AODA/B, ASDA, ASDB, CFBA, CGBA/B, CHBA/B, CJBA/B, CSDA/B, DHA, DHB, DHC, DHD, DHE, DHF, DHG, EDBB, EDBD, EDDB, EDDC, EDDD, EDDF, EYDB, EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYPA, EYPC, F8JA, F8JB, FHA, FHD, FHE, FHF, FUJA, FUJB, FXDA/C, FXDB/D, FXJA, FXJB, FYDA/C, FYDB/D, FYJA, FYJB, HWDA, HWDB, L1F, L1J, L1L, L1N, L1Q, L1T, L1V, L1W, M7JA, M7JB, MHA, MHB, NGA, NGB, NGC, NGD, QQDA/B/C, QQDB, RKA, RKB, RKF, RKH, RKJ, RKK, HXDA.

FORD 1.4, 1.6 TDCi, 1.8 Di/TDCi/TDdi, 2.0 TDCi DURATORQ Diesel engines (Cambelt) in:

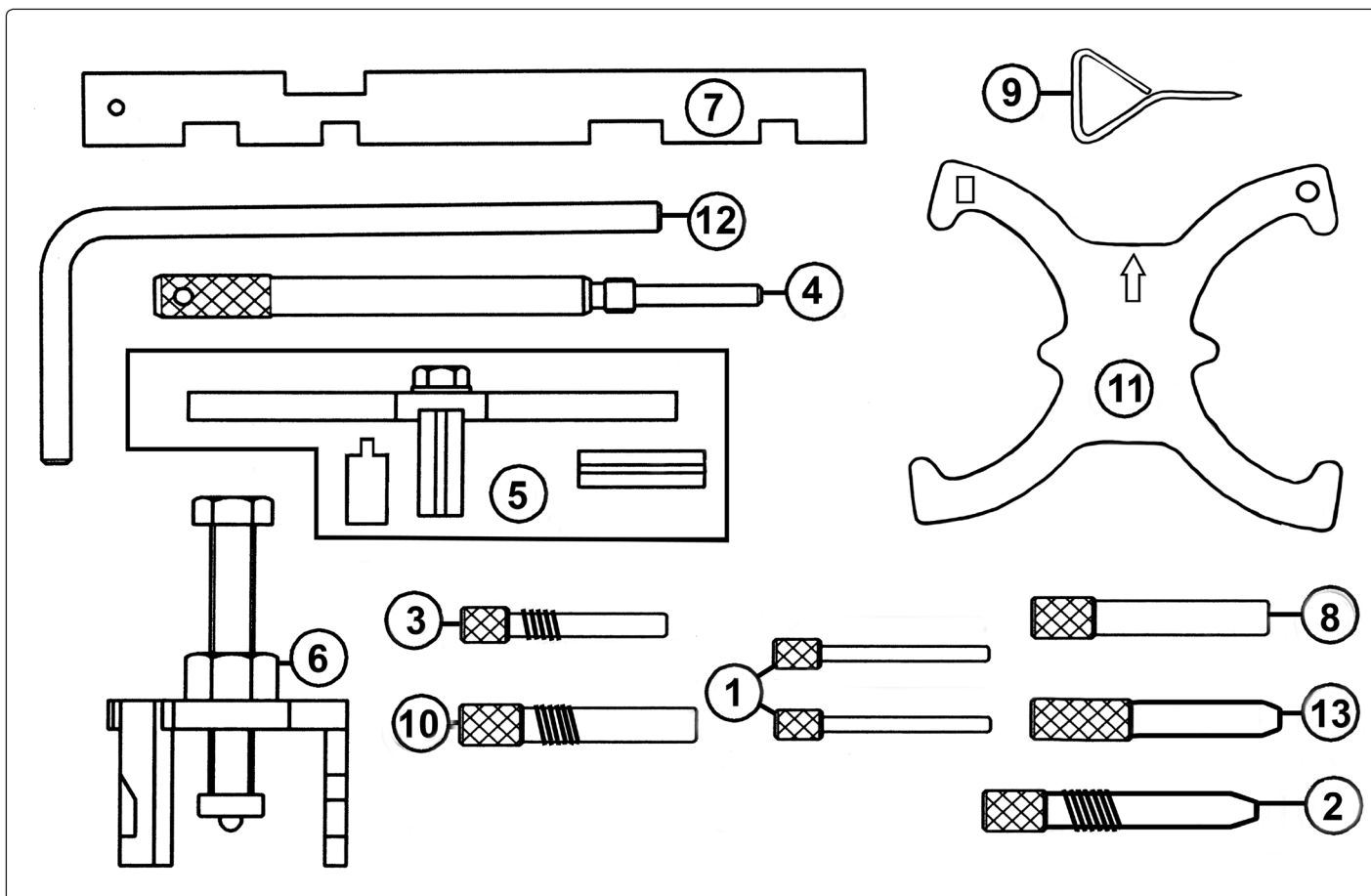
Courier	1.4/1.6/1.8	(00-02)
Fiesta	1.4/1.6/1.8	(02-09)
Focus	1.6/1.8/2.0	(98-00)
C-Max	1.6/2.0	(03-08)
Fusion	1.4	(02-08)
Galaxy	2.0	(06-08)
Mondeo	2.0	(07-08)
S-Max	2.0	(06-08)
Tourneo Connect	1.8	(02-08)
Transit Connect	1.8	(02-08)

Engine Codes: F6JA, F6JB, F6JC, HHJA, HHJB, G8DA, HHDA, HHDB, RTN, RTQ, RTP, C9DC, BHDA/B, BHPA, C9DA/B, F9DA/B, FFBA, FFDA, HCPA, HCPB, KKDA, P7PA, P9PA, QYWA, R2PA, R3PA, RWPA, G6DA, G6DB, G6DC, AZWA, QXWA.

NOTE: Also fitted to Mazda 2 and 3 models fitted with above DURATORQ diesel engines. 1.4 and 1.6 TDCi Diesel engines are also fitted to Citroen and Peugeot models and designated as HDi.

NOTE: Ensure that when VSE5042.11 Camshaft Sprocket Holding Tool is fitted to the engine, it is positioned so that the arrow is facing upwards, with the rectangle on the left and the circle on the right.

4. CONTENTS



Part	Part No.	OEM No.	Description
1	VSE5042.01	21-260/303 732	Crankshaft/Fuel Pump Alignment Pins (x2) (5.8mm)
2	VSE5042.02	21-163/303 620	Crankshaft TDC Locking Pin
3	VSE5042.03	21-210/303-507	Crankshaft TDC Locating Pin
4	VSE5042.04	21-104/303 193	Crankshaft TDC Locking Pin
5	VSE5042.05	21-168/303 393	Flywheel Locking Tool
6	VSE5042.06	21-229/303 651	Camshaft Sprocket Remover
7	VSE5042.07	21-162B/303 376	Camshaft Setting Plate
8	VSE5042.08	21-262/303 734	Flywheel Locking Pin (9.4mm)
9	VSE5042.09	303 1054	Tensioner Locking Pin
10	VSE5042.10	303 748	Crankshaft Locking Pin
11	VSE5042.11	303-1097	Camshaft Sprocket Holding Tool
12	VSE5042.12	303-1059	Flywheel Timing Pin
13	VSE5042.13	21-263/303 735	Camshaft/Crankshaft Pin (8mm)

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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