



INSTRUCTIONS FOR:
PETROL ENGINE SETTING/LOCKING COMBINATION
KIT - ALFA ROMEO/FIAT/LANCIA 1.4,1.6,1.8,2.0
16v/20v-BELT DRIVE
MODEL No: VSE5011

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.

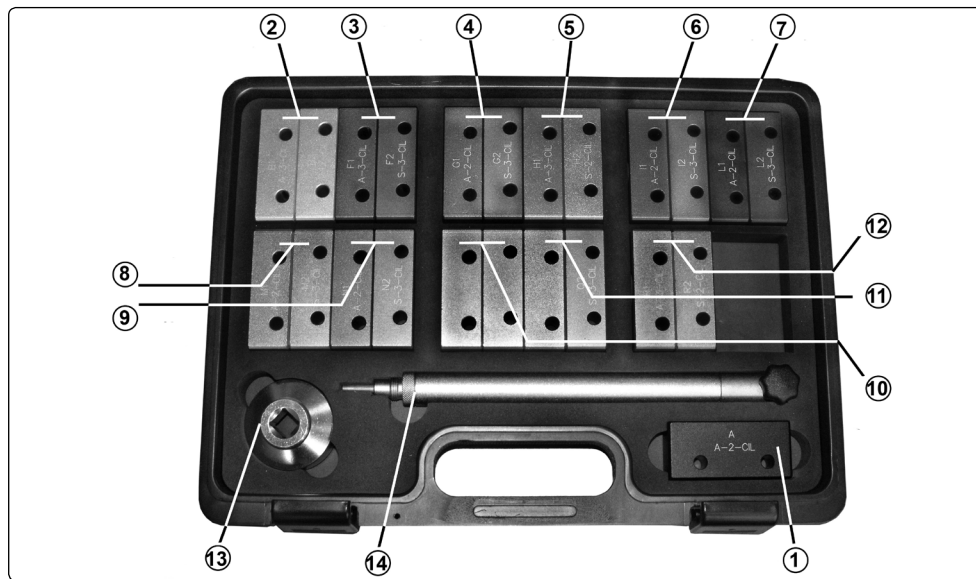


IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP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

1. INTRODUCTION

Comprehensive set of timing tools for Italian vehicles. Features inlet/exhaust camshaft locking blocks enabling the camshafts to be held in the timed position when replacing the timing belt. Supplied with a TDC position tool and variator socket in carry-case.

2. CONTENTS



Item	Part No.	Description	Colour	Marking	OEM Part No.
1	VSE5011-01	Camshaft Locking Tool	Black	A A-2-CIL	1.860.899.000
2	VSE5011-02	Camshaft Locking Tool	Silver	B1 A-3-CIL/ B2 S-2-CIL	1.860.961.000
3	VSE5011-03	Camshaft Locking Tool	Green	F1 A-3-CIL/ F2 S3-CIL	1.860.819.000
4	VSE5011-04	Camshaft Locking Tool	Dark Grey	G1 A-2-CIL/ G2 S-3-CIL	1.860.847.000
5	VSE5011-05	Camshaft Locking Tool	Pink	H1 A-3-CIL/H2 S-2-CIL	1.860.892.000
6	VSE5011-06	Camshaft Locking Tool	Purple	I1 A-2-CIL/I2 S-3-CIL	1.825.042.000
7	VSE5011-07	Camshaft Locking Tool	Brown	L1 A-2-CIL/L2 S-3-CIL	-
8	VSE5011-08	Camshaft Locking Tool	Light Blue	M1 A-2-CIL/M2 S-3-CIL	1.825.041.000
9	VSE5011-09	Camshaft Locking Tool	Light Grey	N1 A-2-CIL/N2 S-3-CIL	1.870.797.000
10	VSE5011-10	Camshaft Locking Tool	Light Green	P1 A-2-CIL/P2 S-3-CIL	-
11	VSE5011-11	Camshaft Locking Tool	Bronze	Q1 A-2-CIL/Q2 S-3-CIL	-
12	VSE5011-12	Camshaft Locking Tool	Gold	R1 A-3-CIL/R2 S-2-CIL	-
13	VSE5011-13	Variator Socket	-	-	-
14	VSE5011-14	TDC Position Tool	-	-	1.825.013.000/1.860.892/000

Associated Tools:

-	AK9634M	Dial Gauge	-	-	1.860.895.000
---	---------	------------	---	---	---------------

Note: Markings on the locking tools relate to the cylinder number and to the inlet/exhaust camshaft fitting. A is the inlet camshaft and S is the exhaust camshaft.

E.g. A-3-SIL is No.3 cylinder on the inlet camshaft, S-2-CIL is No.2 cylinder on the exhaust camshaft.

3. APPLICATIONS

VEHICLE APPLICATION:

Make: Model: Year:

ENGINE CODES:

Alfa Romeo	145	(96-01)	1.4 16v	335.03		
	146	(96-01)				
	147	(01-11)	1.6 16v	321.02	321.03	321.04
	155	(96-98)		372.03	676.01	
	156	(97-06)				
	166	(98-07)	1.8 16v	322.01	322.05	671.06
	Spider	(95-03)		182A2.000	183A1.000	183A6.000
	GTV	(95-03)		188A6.000	192A4.000	
Fiat	Barchetta	(96-00)	2.0 16v	162.01	323.01	323.10
		(95-00)		341.03	363.01	672.04
	Brava	(95-00)				
	Bravo	(95-00)	2.0 20v	175A3.000	182A1.000	182B7.000
	Coupe	(96-01)		185A8.000		
	Marea	(96-00)				
	Marea Weekend	(96-00)				
	Punto/Punto Classic	(99-06)				
	Stilo	(01-08)				
	Lancia	Dedra	(96-99)			
Delta		(96-99)				
Kappa		(98-02)				
Lybra		(99-06)				

4. 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 timing devices fitted.
- Always display 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.
- WARNING!** Incorrect camshaft timing can result in contact between valve head and piston crown causing damage to the engine.
- IMPORTANT!** Always refer to the vehicle manufacturer's service instructions, or a proprietary manual, to establish the current procedure and data. These instructions are provided as a guide only.
- 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.

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.



Sole UK Distributor, Sealey Group,
Kempson Way, Suffolk Business Park,
Bury St. Edmunds, Suffolk,
IP32 7AR



01284 757500



www.sealey.co.uk



01284 703534



sales@sealey.co.uk