

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 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.
- WARNING!** Incorrect camshaft timing can result in contact between valve head and piston crown causing damage to the engine.
- WARNING!** The warnings, cautions and instructions discussed here 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.
- ▲ **IMPORTANT:** Always refer to the vehicle manufacturer's service instructions, or a proprietary manual, to establish the current procedure and data.

2. INTRODUCTION

Suitable for setting and locking camshafts on chain-driven BMW Vanos engines.

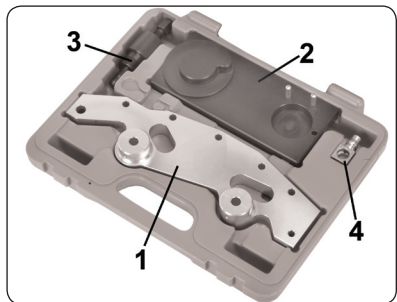
3. APPLICATIONS

BMW:

320 2.0 E46 (98-01) 20/25/286S2 M52	520 2.0 E39 (00-03) 226S1	X3 3.0 E83 (03-06) 306S3
320 2.0 E46 (00-06) 226S1	523 2.3 E39 (98-01) 206S4, 256S4, 286S2 M52	X5 3.0 E53 (99-05) 306S3 M54
323 2.3 E46 (98-01) 20/25/286S2 M52	525 2.5 E39 (00-03) 256S5, 306S3	Z3 2.0 M52 (99-03) 206S4, 286S2
325 2.5 E46 (00-06) 256S5	525 2.5 E60 E61 (03-05) 256S5, 306S3	Z3 2.2 M54 (00-03) 226S1, 306S3
328 2.8 E46 (98-01) 20/25/286S2 M52	528 2.8 E39 (98-01) 206S4, 256S4, 286S2 M52	Z3 2.8 M52 (99-03) 206S4, 286S2
330 3.0 E46 (00-06) 306S3	530 3.0 E39 (00-03) 256S5, 306S3	Z3 3.0 M54 (00-03) 226S1, 306S3
520 2.0 E39 (98-01) 206S4, 256S4, 286S2 M52	530 3.0 E60 E61 (03-05) 256S5, 306S3	Z4 2.5 E85 (03-06) 256S5, 306S3
520 2.0 E60 E61 (03-05) 226S1	728 2.8 E38 (98-02) 286S2 M52	Z4 3.0 E85 (03-06) 256S5, 306S3
	730 3.0 E65 E66 (02-05) 306S3	

4. PARTS

Item:	Part No:	Description:	OEM Tool Number:
1	VSE134.V3-01	Camshaft Setting Tool	11 6 150
2	VSE134.V3-02	Vanos Unit Checking Tool	11 3 450
3	VSE134.V3-03	Tensioner Tool	11 4 220
4	VSE134.V3-04	Air Connector	-



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.