

Instructions for:

DIESEL ENGINE SETTING / LOCKING TOOL SET - LAND ROVER 2.5TD5

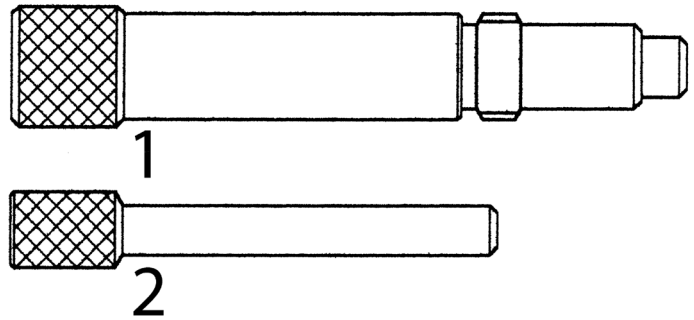
Model No: **VS4875**

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.



3. CONTENTS



- 1 VS4876 Flywheel / Crankshaft Locking Pin
- 2 VS170/1 Camshaft Locking Pin

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.
- Account for all tools, locking bolts, pins and parts being used and do not leave them in or near the engine.
- 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. APPLICATIONS

Set includes crankshaft and camshaft locking pins for Land Rover with chain timing engines.

LAND ROVER 2.5 Td5 Diesel engines CHAIN DRIVE

LAND ROVER

90 / 110 / 130 / Defender and Discovery

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 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.

4. INSTRUCTIONS

Engine Timing positions

The Camshaft Locking Pin is inserted through a hole in the camshaft carrier at a position located behind the camshaft sprocket, and fits into a cut-out in the camshaft. (Fig.1)

The crankshaft is 'locked' at TDC No.1 cylinder with Pin VS4876 in the flywheel. (Fig.2)

WARNING: When fitting the timing chain, the join between the two connected marked links should align with the timing mark on the camshaft sprocket.

The centre of the single marked link should be aligned to the mark on the crankshaft gear.

