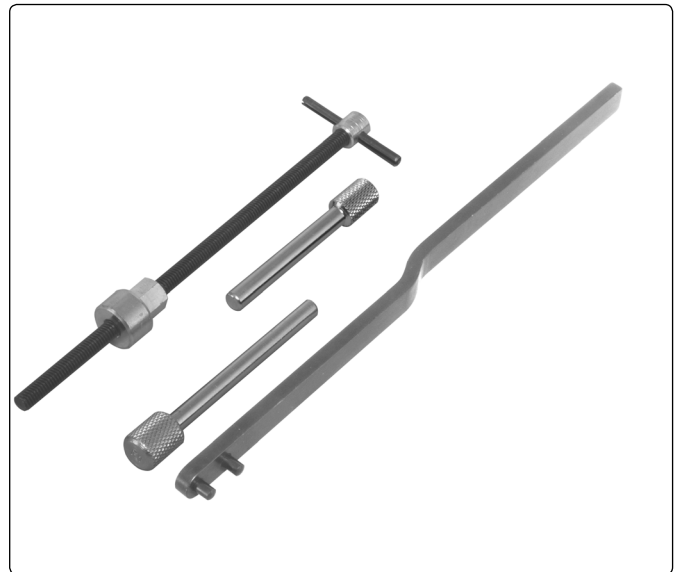
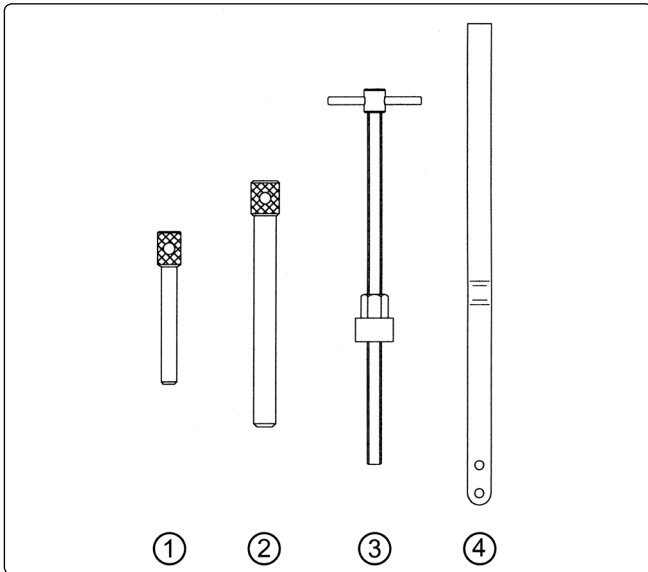


Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

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 & CONTENTS

Set provides the timing pins and tensioner adjustment tool required for timing belt replacement on all variants of the 2.0 diesel engine fitted in Honda, Land Rover and MG/Rover models.



Item	Contents		OEM Numbers		
	Part number	Description	Honda	Land Rover	MG/Rover
1.	VS170/1	Flywheel locking pin	18G 1523	LRT-12-058	18G 1523
2.	VS120/1	Injection pump locking pin	18G 1717	LRT-12-141	18G 1717/12-185
3.	VS1201	Tensioner tool	18G 1719	LRT-12-143	18G 1719
4.	VS4739	Tensioner adjuster	12-184	LRT-12-184	12-184

This information table provides the Vehicle Manufacturers' Specialised Tool references and the Sealey tool numbers covering the relevant service application.

2. APPLICATIONS

Make: Model: Year: Engine Codes:

MG: Express (03-05) 20T
 ZR (01-05) 20T2N
 ZS (01-05) 20T2R

Rover: CDV/
 Commerce (03-05)
 Streetwise (03-05)
 25 (99-05)
 45 (99-05)
 220 (95-99)
 420 (95-99)
 620 (95-99)

Honda: Accord (96-03)
 Civic (97-00)

Land Rover: Freelander (97-00)

3. SAFETY INSTRUCTIONS

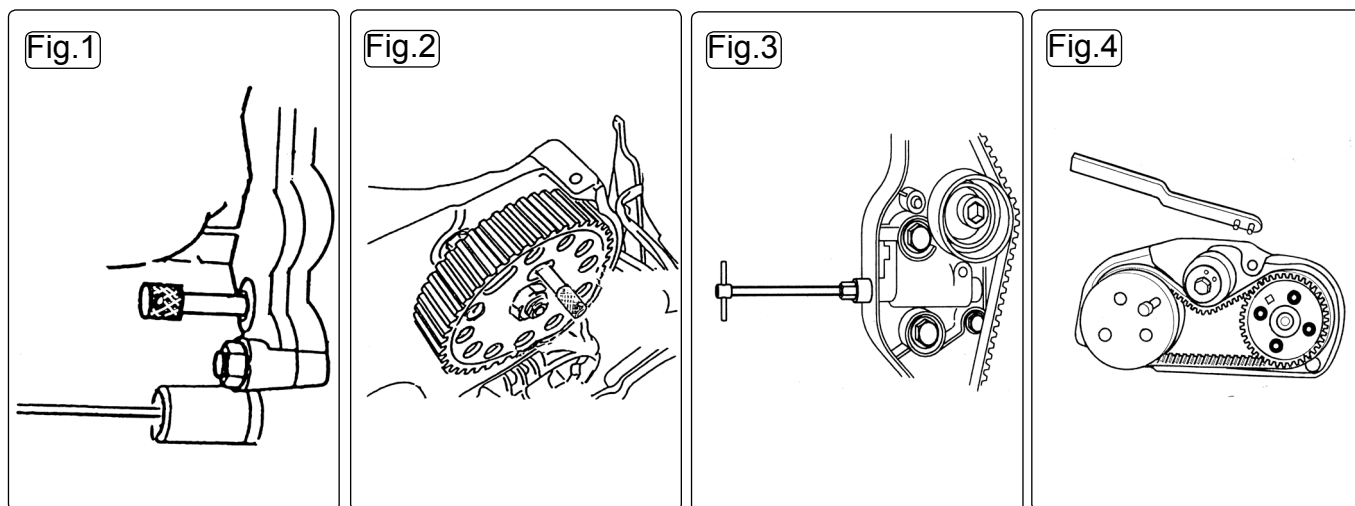
- ❑ **WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- ✗ **DO NOT** use tools if damaged.
- ✓ Maintain tools in a good, clean condition for the best and safest performance.
- ✓ Ensure that a vehicle which has been jacked up is adequately supported with axle stands.
- ✗ **DO NOT** attempt to start engine or move vehicle whilst in gear, with locking devices fitted.
- ✓ Always display a warning notification on steering wheel when timing engine components.
- ✓ Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery and tie back long hair.
- ✓ Wear approved eye protection. A full range of personal safety equipment is available from your Sealey dealer.
- ✓ Account for all tools, locking bolts, pins and parts being used. **DO NOT** leave them in or near the engine.
- ✓ When not in use, store 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.
- ❑ **WARNING!** The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

▲ **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.

4. OPERATING INSTRUCTIONS

4.1 FLYWHEEL LOCKING PIN VS071/1

- 4.1.1. VS170/1 Locking Pin is used to lock the crankshaft in its timed position. The pin is inserted through a hole in the gearbox mounting back plate and engages in a corresponding hole in the flywheel. (Fig.1).



4.2 INJECTION PUMP LOCKING PIN VS120/1

- 4.2.1. VS120/1 Pin locates through a hole in the injection pump sprocket into a recess in the pump mounting flange to lock the injection pump into its timed position. (Fig.2).

4.3 TENSIONER TOOL, TIMING BELT AUTOMATIC TENSIONER VS1201

- 4.3.1. L series engines require VS1201 to retract the automatic tensioner assembly during timing belt replacement.
- 4.3.2. When removing the belt the tensioner nut is slackened and tensioner access plug removed to allow VS1201 to be fitted to pull back/retract the tensioner plunger. (Fig.3).

4.4 TENSIONER ADJUSTER INJECTION PUMP BELT AUTOMATIC TENSIONER VS4739

- 4.4.1. On Rover 25, 45, MG ZR and MG ZS models, the automatic tensioner on the injection pump drive belt requires VS4739 to correctly set the tensioner position. **Note:** Correct tensioner position varies and depends upon model, refer to manufacturer's specifications.
- 4.4.2. Rover 25/45 up to 2001 usually set the tensioner pointer in line with the notch, whereas after 2001 and on MG models the requirement may be to position the pointer aligned to the lower edge of the tensioner backplate. Check workshop manual for the tensioner position of the specific model being worked on. (Fig.4).

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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