

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.
- ✓ 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.

## 2. INTRODUCTION & APPLICATIONS

### 2.1 Introduction

Suitable for setting and locking Alfa Romeo and Fiat 1.9 and 2.4JTD including latest 1.9JTD 16v and 2.4JTD 20v engines. Kit incorporates flywheel holding tool to remove/install crankshaft pulley, crankshaft locking tool and camshaft setting tools. Supplied with warning tag.

### 2.2 Applications

ALFA ROMEO and FIAT 1.9JTD 8v/16v and 2.4JTD 10v/20v Common Rail Diesel engines in:

**ALFA ROMEO:** 145, 146, 147, 156, 159, 166, GT

**FIAT:** Brava/Bravo, Doblo/Cargo, Grande Punto, Marea/Weekend, Multipla, Punto, Stilo

**1.9JTD (8v):** 323.02, 371.01, 182B4.000, 182B9.000, 186A6.000, 188A2.000, 188A7.000, 188B2.000, 192A1.000, 192A3.000, 937A2.000, 939A1.000

**1.9JTD (16v):** 192A5.000, 192B1.000, 937A5.000, 939A2.000

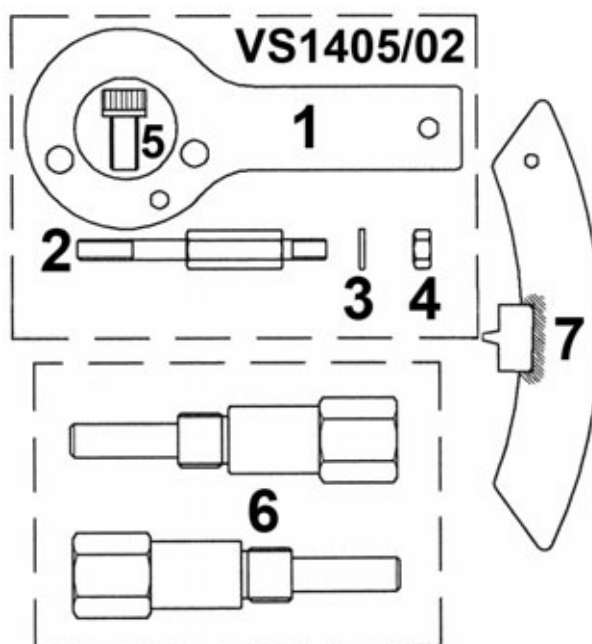
**2.4JTD (10v):** 325.01, 342.02, 362.02, 185A6.000, 841C.000

**2.4JTD (20v):** 841G.000, 939A3.000

## 3. CONTENTS

ITEM	PART NO.	DESCRIPTION
--	<b>VS1405/02</b>	Crankshaft Locking Tool (items 1 to 5)
1	<b>VS1405/1</b>	Main Body
2	<b>VS1405/2</b>	Support Spindle
3	<b>VS1405/3</b>	Washer
4	<b>VS1405/4</b>	Nut
5	<b>VS1405/5</b>	Retaining Screw
6	<b>VS4776</b>	Camshaft Setting Tools (Pair)
7	<b>VS1403/03</b>	Flywheel Holding Tool (Crank Pulley removal)
--	<b>VS4850/84</b>	Case and Insert (not shown)

## Instructions for: Diesel Engine Setting/Locking Tool Kit - Alfa Romeo / Fiat 1.9 and 2.4JTD Model No: VS4850



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