

INSTRUCTIONS FOR:

## BRAKE PISTON WIND-BACK TOOL KIT - 30 PIECE

MODEL NO: **VS0285.V2** 

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 all Health and Safety, local authority, and general workshop practice regulations are strictly adhered to when using tools.
- X DO NOT use tools if damaged or worn.
- ✓ Maintain the tools in good and clean condition for best and safest performance.
- Ensure all threads are clean and well lubricated.
- ✓ Ensure that a vehicle which is jacked up is adequately supported with axle stands, ramps, etc. as appropriate.
- ✓ Wear suitable clothing to avoid snagging. DO NOT wear jewellery. 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 and parts being used and do not leave them in or on the vehicle. Store all parts in the case provided when not in use, store case in a safe, dry and child-proof location.
- □ **IMPORTANT:** Always refer to the vehicle manufacturer's service instructions, or proprietary manual, to establish the correct procedure and data. These instructions for use are provided as a guide only.
- □ WARNING! The warnings, cautions and instructions discussed in this document 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. INTRODUCTION

Large set of adaptors, suiting a wide range of vehicle applications. Suitable for push-back and wind-back brake pistons. Includes both left-handed and right-handed thrust bolt assemblies. Left-handed thrust bolt required for Ford, Citroen and Renault applications. Precision made adaptor plates with thrust bolt assembly and reaction plate. Kit helps prevent damage to pistons and seals. All components of the kit are coded - for applications see chart overleaf.



## **APPLICATION CHART**

| Application<br>Alfa Romeo 155 1.8-2.01, 164 TD (93), 164 3.0 V6 (91)<br>Alfa Romeo 164 2.01,                              | *        | II.   |            |          |          |        |         | _       |           |               |         |          |         |               |           |         |          | ΜP     |           |          |               |       |         |
|---|----------|-------|------------|----------|----------|--------|---------|---------|-----------|---------------|---------|----------|---------|---------------|-----------|---------|----------|--------|-----------|----------|---------------|-------|---------|
| Alfa Pamas, 164 2 01  |          | :     | ★          |          |          |        |         |         |           |               |         |          |         |               | *         |         |          |        |           |          |               |       |         |
| Alia Nollieo 104 2.01,  | *        |       | *          |          |          | *      |         |         |           |               |         |          |         |               |           |         |          |        | *         |          |               |       |         |
| Alfa Romeo 164 2.0 Twin Spark, 2.0 Turbo (88-), 3.0 I V6  | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               | *     | t       |
| Audi 80, 90, & V8's;A3,A4, A6, A8 (rear calliper)   | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               | *         | 1       |          |        |           |          |               |       |         |
| Audi A3(A4,A6,A8 (push-back pistons)  | *        |       | *          |          | *        |        |         |         |           |               |         |          |         |               |           |         |          |        | Ш         |          |               |       |         |
| Audi 100TQi(91)   | *        |       | *          |          | Ш        | _      | _       | $\perp$ | Ш         | _             |         | Ш        |         |               |           | _       | $\sqcup$ | '      | Ш         |          | *             |       |         |
| AudiA8,S8(99-)  | *        |       | *          |          |          |        | _       | _       |           |               |         |          |         |               |           | 4       | *        |        |           |          |               |       |         |
| Audi 200 (80-), Coupe GT SE (82-), 80, 90, 100, 200, Quattro (-87), 90, 20V (88-)   | *        |       | *          |          |          | _      | $\perp$ | $\perp$ | $\square$ | $\rightarrow$ | _       | Ш        | _       | $\vdash$      | $\perp$   | ₩       | $\vdash$ | '      | ш         |          | $\rightarrow$ | *     | ۲_      |
| BMW - most models (push-back piston)  | *        |       | *          |          | *        | _      | _       | -       |           | _             |         |          |         |               | -         | +-      | +        |        | -         | _        |               |       | _       |
| BMW 7401 8cyl. (91) BMW Mini  | *        |       | *          | 1        | ш        | _      | _       | +       | Ш         |               | _       | $\vdash$ |         |               | +         | _       | $\vdash$ | '      | ш         |          | *             | _     | +-      |
|   | *        |       | +          | -        |          |        | -       | -       |           | *             |         |          |         | -             | +         | +       |          |        | $\vdash$  |          | +             |       | *       |
| Citroen ZX 2.QI 16v.  | *        |       | *          | -        |          | _      | +       | +       | $\vdash$  | +             | _       | $\vdash$ | _       | $\vdash$      | *         | 1       | $\vdash$ |        | $\vdash$  | _        | $\rightarrow$ |       | +       |
| Citroen most models (push-back piston)  | *        |       | *          |          | *        |        | -       | -       |           | -             |         |          |         | -             | -         | +       |          |        | $\vdash$  |          | +             |       | +       |
| Citroen XM , XM Turbo CT 2.0, Xantia 1 ,8i - 1 .90 & TD - 2.QI-2.Q 16S (93-94), Activa,  Citroen BX (83-), BX 1 6V (*88-) | *        |       |            | *        | ш        | _      | +       | +       | ш         | _             | _       | $\vdash$ |         | -             | +         | +       | $\vdash$ |        | $\vdash$  | _        | $\rightarrow$ | _     | —       |
|   | *        |       | *          |          | $\vdash$ | _      | _       | -       |           | -             |         |          | *       |               | -         | +       | +        |        | $\vdash$  | -        | +             |       | -       |
| Citroen C3  | *        |       | *          |          | $\vdash$ | _      | +       | +       | $\vdash$  | -             | _       | $\vdash$ | _       | $\vdash$      | +         | +       | $\vdash$ | *      | $\vdash$  | _        | $\rightarrow$ | _     | —       |
| Citroen. C5 (front calliper- left hand wheel)   | *        |       | *          |          | $\vdash$ | _      | _       | -       |           | -             | _       |          |         |               | +         | *       |          |        | $\vdash$  | _        | +             |       | -       |
| Citroen C5 (front calliper -right hand wheel)   | -        | *     | <u>```</u> |          |          | _      | +       | +       | $\vdash$  | -             | _       | $\vdash$ | _       | $\vdash$      | +         | *       | $\vdash$ |        | $\vdash$  | _        | $\rightarrow$ | _     | —       |
| Citrpen C5 rear callipers push-back pistons   | *        |       | *          | -        | *        | -      | _       | -       |           | -             |         |          |         |               | ٠.        | +-      | -        |        | -         |          | $\rightarrow$ |       | -       |
| Fiat Tipo TD 16V, Uno Turbo (85-), Crorna TD  | *        |       | *          | -        | $\vdash$ |        | _       | +       | $\vdash$  | _             | _       | $\vdash$ | _       | $\vdash$      | *         | 1       | $\vdash$ | '      | _         | _        |               |       | _       |
| Fiat .Uno, Turbo iE- Barchetta  | *        |       | +.         | -        |          | *      | _       | _       |           |               | _       |          |         |               | _         | +       | $\vdash$ |        | *         | _        |               |       | _       |
| Fiat Stilo  | -        |       | t  ★       |          | ш        | _      | _       | $\perp$ | ш         | _             | _       | Ш        |         | 7             |           | _       | $\vdash$ | '      | ш         | _        | $\rightarrow$ | _     | _       |
| Ford Sierra (ABS bak), Granada (85 -)   | *        |       | *          |          |          | _      | _       | +       |           | _             | _       | $\Box$   |         | -             | *         |         | $\vdash$ |        | ш         | _        |               |       | _       |
| Ford (Australia & NZ) Thunderbird Turbo   | *        |       | *          |          | $\Box$   | _      | $\perp$ | _       | $\Box$    | $\perp$       | $\perp$ | $\sqcup$ | $\perp$ | $\vdash$      | *         | 4       | $\sqcup$ |        | $\sqcup$  |          | $\dashv$      | _     | +       |
| Ford (Australia & NZ) Telstar, Laser  | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               |           | 1       | $\Box$   |        |           | *        | $\perp$       |       | +       |
| Ford Escort 2000RS 16 v , Mondeo. V6 24 v   | *        |       | 1          |          |          | *      | _       | $\perp$ | $\sqcup$  | _             | -       | $\sqcup$ | $\perp$ | $\perp$       | $\perp$   | _       | $\sqcup$ | '      | *         | _        | $\bot$        | _     | 4       |
| Ford (USA) Mercury, Monarch, Thunderbird  | *        |       | *          |          | *        |        |         |         |           | 1             | *       |          |         |               | -         | 4       | $\Box$   |        | ш         |          | $\perp$       |       | 4       |
| Ford Escort Mk III , IV, Orion, XR3I, Focus (98-) push-back pistons   | *        | -     | *          | $\vdash$ | Ш        | _      |         | _       | Ш         | _             |         | $\sqcup$ | $\perp$ | $\perp$       | $\perp$   | _       | $\sqcup$ |        | $\sqcup$  | _        | $\bot$        | _     | $\perp$ |
| Ford Mondeo 2,0 Ghia  |          | *     | `          |          |          |        |         |         |           |               |         |          |         |               |           | 1       | $\sqcup$ |        | $\sqcup$  |          | $\perp$       | *     | t       |
| GM Motors   | _   ★    |       | *          |          | Ш        | _      | _       |         | Ш         | _             |         | Ш        |         | $\perp$       | $\perp$   |         | $\sqcup$ | '      | ш         | _        | $\perp$       |       |         |
| Honda Civic Vti CRX -Accord, Concerto S1.6  | *        |       | *          |          |          | *      |         |         |           |               |         |          |         |               |           | 1       | $\Box$   |        | *         |          | $\perp$       |       | 4       |
| Honda CRX, 1 .6I-16V (88-90),Accord 1800 (84-85), 2.0i (86-), Prelude 16V (88-),LegendV6                                  | *        |       | *          |          | Ш        |        |         |         | Ш         |               |         | $\Box$   |         | $\Box$        | *         | :       | ш        |        | Ш         |          | $\perp$       |       |         |
| Honda - most models (push-back pistons)   | *        | _     | *          |          | *        |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Honda Prelude 2.0 i., 2.3 i   | *        |       | *          | *        |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Jaguar XJ 40 series.  | *        | -     | *          |          |          |        |         |         |           |               |         |          |         |               | *         | :       |          |        |           |          |               |       |         |
| Jaguar S series (99-)   | *        | -   - | *          |          |          |        |         | *       |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Jaguar- most models (push-back pistons)   | *        | -     | *          |          | *        |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Jaguar S Type   | *        | -     |            |          |          |        | 1       | t 🗆     | *         |               |         |          |         |               |           |         |          |        | Ħ         |          | $\Box$        |       |         |
| Lancia Dedra. 2.0 Ei Tur (93), Delta 1 .6 Gti. (92), Thema.16v (92), Thema. 2000 Turbo. Kappa 2.O-2.4LS, 2.4 TD           | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               | *         |         |          |        |           |          |               |       |         |
|   |          |       |            |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Lancia Delta 1 .9 TD (95)   | *        | -     | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          | *             |       |         |
| Lancia Thema alte (85-)   | *        | -     | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               | *     | t 🗆     |
| Lincoln .Continental  | *        |       | *          |          |          |        |         |         |           |               | *       |          |         |               |           |         |          |        |           |          |               |       |         |
| Mazda 323 GTi, GTX (86-), 929 (82-). RX7 (81-). 626 16V (87-). 626 GT (86-), 929 V6 (88-)                                 | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           | *        |               |       |         |
| Mitsubishi GalantGLSi   | *        | -     | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           | *        |               |       |         |
| Misubishi - most models (push-back pistons)   | *        | -     | *          |          | *        |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Nissan 280 ZX (82-84), 300 ZX Turbo (84-89), Bluebird 1 6V (89-), Silvia 1 .8 Turbo (85-88) 100 NX 2.0 (93), Primera      | *        | -     | *          |          |          |        |         |         |           |               |         |          |         |               | *         | : 🗆     |          |        |           |          |               |       |         |
| 2.0 GT (94), 200 SX turbo 16V, Maxima 2.0 GX-3.0 GX(95)   | _        |       |            | _        |          |        | _       | $\perp$ |           | _             |         | Ш        |         | $\perp \perp$ | $\perp$   | _       | $\perp$  | '      | Ш         |          | $\bot$        |       | $\perp$ |
| Nissan Primera 2.0, Bluebird.   | *        |       | *          |          |          |        |         |         |           | _   7         | *       |          |         |               |           | 4       |          |        | Ш         |          |               |       | ш       |
| Nissan Primera '03 -  | _   ★    |       | *          |          |          |        |         | $\perp$ |           |               |         | Ш        |         |               |           | $\perp$ | <u> </u> | *      | Ш         |          |               |       | $\perp$ |
| Nissan Primera ('02-)   | _   ★    |       | *          |          |          |        |         |         |           |               |         | *        |         |               |           |         |          |        |           |          |               |       |         |
| Nissan Maximas  | _   ★    |       |            |          |          |        |         |         |           |               |         |          | _   ★   |               |           |         |          |        |           |          |               |       |         |
| Nissan - most models (push-back piston)   | *        |       | *          |          | *        |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Opel Astra, Zafira (with Bosch rear callipers)  | *        |       | *          |          |          |        |         |         |           | - 1           | *       |          |         |               |           |         |          |        |           |          |               |       |         |
| Opel Astra, Corsa, Zafira (with Lucas TRW rear callipers '02-)  | *        |       | *          |          |          |        |         | *       |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Opel Vectra 02-   | *        | -     | *          |          |          |        |         |         |           |               |         | *        |         |               |           |         |          |        |           |          |               |       |         |
| Peugeot 206 '03   |          | *     | 7          |          |          |        |         |         |           |               |         |          |         | *             |           |         |          |        |           |          |               |       |         |
| Peugeot 306   | *        | -     | *          |          | П        |        |         | Т       | П         |               |         | П        |         | П             | *         | : [     | П        |        | П         |          |               |       | Т       |
| Peugeot309Gti 16S (91),405.Sri, 405 M.I 16V   | *        | -     | *          |          | П        |        |         |         |           |               |         | П        |         | П             | *         |         |          |        |           |          |               |       |         |
| Peugeot 406, 806  | *        |       | *          |          | *        | $\neg$ | $\neg$  | $\top$  | П         | $\neg$        |         | П        |         | $\Box$        |           | $\top$  | $\Box$   | $\neg$ | П         | $\neg$   | $\neg \neg$   |       | $\top$  |
| Proton 416  | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          | *             |       |         |
| Renault Master Van.   |          | *     | _          |          | П        | $\neg$ | $\neg$  | $\top$  | П         | $\neg$        |         | П        |         | $\Box$        | *         |         | $\Box$   | $\neg$ | П         |          |               |       | $\top$  |
| Renault- most models  | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               | 1         |         |          |        |           |          | *             |       |         |
| Renault Laguna 2.0(94), Laguna2.2D (95), Safrane 2.0-2.2 TD V6  | *        |       |            |          | П        |        |         |         | П         |               |         | П        |         |               |           |         | $\Box$   | $\neg$ |           |          | *             |       | $\top$  |
| Renault Clio  |          |       | *          |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        | П         |          |               | *     | $\top$  |
| Renault Modus   | *        |       | *          |          | П        | $\neg$ | $\neg$  | $\top$  | П         | $\neg$        |         | П        |         | $\top$        | $\top$    | -       | $\Box$   |        | П         |          | *             |       | $\top$  |
| Rover 216 Gti 16V, 820 Si 2.0( 93), 825 SD 2.5(93)  | *        |       | *          |          |          |        |         |         |           |               |         |          |         |               | *         | ,       |          |        |           |          | 1             |       |         |
| Rover 220 C turbo(95)   | <b>→</b> |       | *          |          | $\Box$   | *      | $\neg$  | -       | $\Box$    | $\neg$        |         | $\vdash$ |         | $\top$        | +^        | -       | $\Box$   |        | *         | _        |               |       | -       |
| Rover 623 Si  | <b>→</b> |       | *          |          |          | ^      |         |         |           |               |         |          |         |               |           |         | $\Box$   |        | 1         |          | *             |       | +       |
| Rover-most models ( push-back piston)   | ₩        |       | *          |          | *        |        |         |         | $\Box$    | +             |         |          | +       |               |           | +       | $\Box$   | -      | $\vdash$  | -        |               |       | +       |
| Saab 9000 CS 2.0(93), 9000 CSE Turbo (93)   | ÷        |       | *          |          |          |        |         |         | $\Box$    | 1             |         | $\vdash$ |         |               | *         |         | $\Box$   | +      | $\vdash$  | 1        |               |       | +       |
| Saab 99L, 900 Turbo (74-81), 900 (81-87)  | <b>-</b> |       | *          |          |          | *      |         |         |           | -             |         |          |         |               | -         | +       | +        | +      | *         | -        | +             | _     | +       |
| Seat Toledo GT.16V-GT 2.0(93), Ibiza 1.8 Gti 16V (95)   | <b>→</b> |       | *          |          |          | ^      |         |         |           |               |         |          |         |               | *         | +       | +        | +      | 1         |          | +             |       | +       |
| Subaru Serie & Serie 2  | <b>-</b> |       | *          |          |          |        |         |         |           | +             |         |          | +       |               | <b>→</b>  |         | +        | +      | $\vdash$  | -        | +             |       | +       |
| Subaru 1600 Kombi(79-), 1.6-1.8 SRX, Kombi (79-'83), 1800   | <b>→</b> |       | *          |          |          |        |         |         |           | +             | *       | $\vdash$ |         |               | <b>+^</b> |         | +        | +      | $\vdash$  |          |               |       | +       |
| ('84), 1800 Lim, Kombi, Tourismo 4WD ( '82-'83), 1800GT, GTS  | *        |       | *          |          |          |        |         |         |           | +             | *       |          | +       |               |           | +       | +        | +      | $\vdash$  | -        | +             |       | +       |
| XT, Turbo ('85)   | <b>→</b> |       | *          |          |          |        |         |         |           | +             | *       | $\vdash$ |         |               |           |         | +        |        | $\vdash$  |          |               |       | +       |
| Toyota Celica, Corolla GT, MR2  | <b>→</b> |       | *          |          |          |        |         |         |           |               | _^      |          |         |               |           | +       | +        | +      | $\vdash$  | *        | +             |       | +       |
| Toyota Avensis  | *        |       | *          |          |          | _      |         |         | $\vdash$  | +             |         | *        |         |               | +         | +       | +        | +      | $\vdash$  | ^        | +             |       | +       |
| Toyota Avenass Toyota-most models ( push-back piston)   | <b>→</b> |       | *          |          | *        |        |         |         | $\Box$    | +             |         | ^        |         |               |           | +       | +        | +      | $\vdash$  | -        | ++            |       | +       |
| Vauxhall Astra & Zafira   | *        |       | *          |          | ^        |        |         |         |           | -             | *       | $\vdash$ |         |               | +         | +       | +        | +      | $\vdash$  | -        | ++            |       | +       |
| Volkswagen Passat 2.0 &2.2 litre (84-), Golf Rallye (-89), Golf II Gti16V (89-), Vento GT (92), Transporter T4.           | *        |       | *          |          |          |        |         |         |           | +             | ^       |          |         |               | *         |         | +        | _      | +         | +        | ++            |       | +       |
| Volkswagen Passat 2.0 &2.2 little (94-), Soil Railye (-95), Soil II St. 169 (65-), Vento G1 (52), Hallsporter 14.         | *        |       | *          |          |          |        | -       |         |           | +             |         | $\vdash$ |         |               | ×         | +       | +        | +      | $\vdash$  | -        |               | *     | +       |
| Volkswagen Golf Gti Mk III& IV, Passat VR6, Vento GT (92)   | *        |       | *          |          | Н        |        | -       | 1       |           | -             |         |          | +       |               |           | +       | +        | +      | $\vdash$  | -        | *             | -   * | +       |
|   |          |       | *          |          | *        |        | +       |         | Н         | +             |         | H        |         |               |           | +       | +        | +      | $\vdash$  | $\dashv$ | $\rightarrow$ | -     | +       |
| Volkswagen-most models ( push-back piston)  |          |       |            |          |          |        |         |         |           |               |         |          |         |               |           |         |          |        |           |          |               |       |         |
| Volkswagen-most models ( push-back piston) Volvo S40 & V40  | *        |       |            |          | 1        | _      | +       | _       | $\Box$    | $\neg$        |         | $\vdash$ |         |               | -         | _       | +        | +      | $\forall$ |          | +             |       | 十       |
| Volkswagen-most models ( push-back piston)  Volvo S40 & V40  Volvo-most models  | *        |       | *          |          | *        |        |         |         |           |               |         |          |         |               | *         | E       | Ħ        |        |           |          |               |       | F       |

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or phone 01284 757500.

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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