



INSTRUCTIONS FOR:

# FRONT WHEEL BEARING PULLER - FORD TRANSIT

MODEL NO: **VS1275**

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 & 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

## 1. SAFETY

- WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- Observe standard workshop safety procedures.
- WARNING!** Take extreme caution when using these tools, components are heavy.
- Maintain correct balance and footing. **DO NOT** over reach, ensure the floor is not slippery, wear non-slip toe protector shoes.
- Remove loose fitting clothing, ties, watches, rings, loose jewellery, and contain or tie back long hair.
- Wear approved eye protection, gloves and footwear. A range of personal safety equipment is available from your Sealey dealer.
- DO NOT** use these tools for any purpose other than those for which they have been designed.
- DO NOT** use with air tools or impact socket
- 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.
- Remove appropriate road wheels and brake calipers.
- DO NOT** attempt to start engine or move vehicle whilst in gear with tools fitted.
- Account for all tools and parts being used and do not leave them in or near 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.
- When not in use, clean and store the tools in their case in a safe, dry, childproof location.

## 2. INTRODUCTION

Engineered for safe removal of drive flange with wheel bearing from the hub assembly in situ and wheel bearing from drive flange. An essential tool when replacing brake discs, allowing the drive flange to be split from the hub assembly. Features a cleverly designed impact force screw.

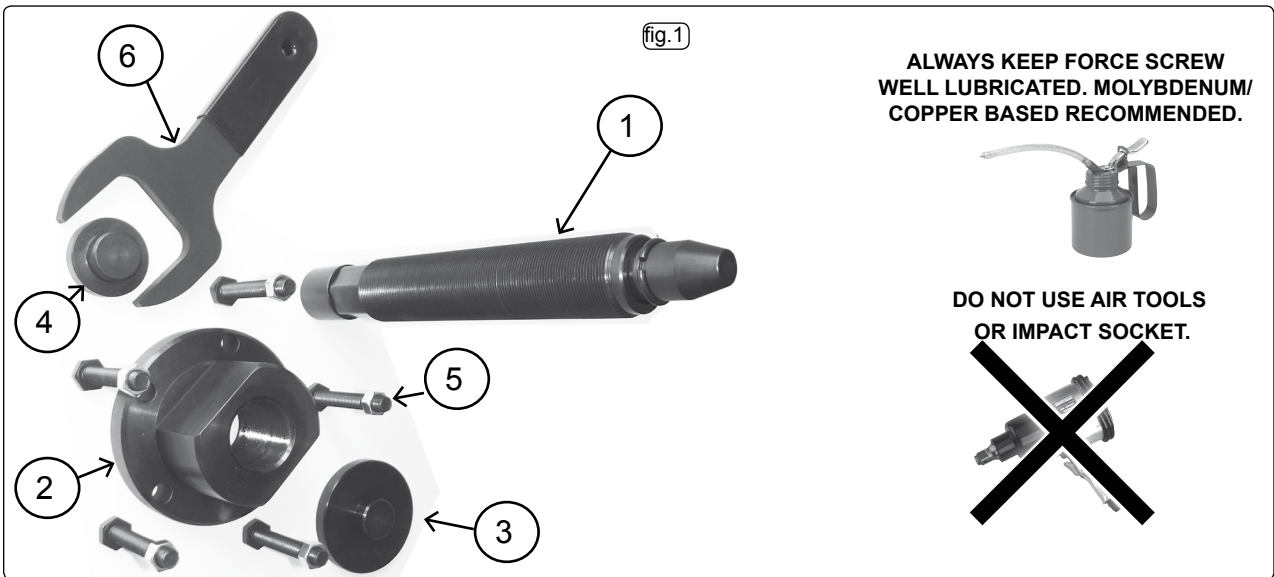
## 3. SPECIFICATION

Model No: ..... **VS1275**

Applications: ...Front wheel drive Ford Transit (2006 onward)

## 4. CONTENTS

Item	Sealey Part No.	Description	Qty
1	VS1275.01	Impact Force Screw	1
2	VS1275.02	Flange Adaptor	1
3	VS1275.03	Large Adaptor (Ø76.5mm)	1
4	VS1275.04	Small Adaptor (Ø43.5mm)	1
5	VS1275.05	Hex Screws/Hex Nuts (M10)	5 sets
6	VS1275.06	Spanner	1

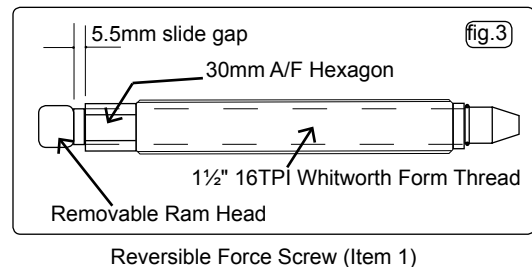
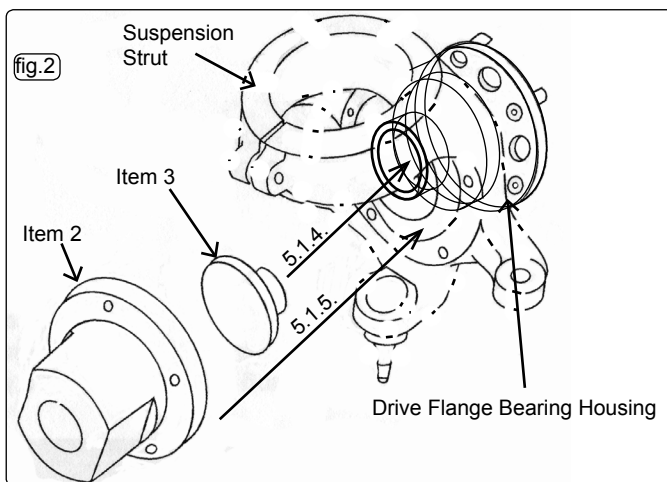


## 5. OPERATION

### 5.1. Removing the drive flange housing, complete with taper roller wheel bearing from the suspension strut.

- 5.1.1.\* Referring to the vehicle manufacturer's manual, remove the ABS sensor and caliper and place carefully to one side.
- 5.1.2. Referring to the vehicle manufacturer's manual, remove the drive shaft hub (a split pin, castellated nut, nut and washer). Gently drift out the hub with a copper mallet.
- 5.1.3. Remove the 5 screws (size 50 Torx) fixing the bearing housing to the suspension strut through the wheel mounting flange clearance holes. These 5 screws are used to fix the flange adaptor in 5.1.5.
- 5.1.4. From the rear of the suspension strut, insert the large adaptor (item 3) spigot first into the drive flange bore in fig.2.
- 5.1.5. With the flange leading, align the 5 holes of the flange adaptor (item 2) with the 5 x M10 tapped holes in the suspension strut in fig.2. Fix with the 5 screws removed in 5.1.3.
- 5.1.6. Lubricate the thread of the force screw with a copper based grease or similar product.
- 5.1.7. Thread the force screw, tapered end leading, clockwise through the boss of the adaptor, winding until solid resistance is felt. The solid resistance will be the large adaptor (item 3). A 5.5mm gap should become apparent between the hexagon and the ram head, see fig.3.
- 5.1.8. With a copper head mallet, strike the ram head square on the end to overcome any residual adhesion of housing spigot and suspension strut bore. This will initiate bearing housing removal; strike the ram again if required.
- 5.1.9. Observe the decrease in the "slide gap". Rotate the threaded force screw barrel clockwise to increase the gap back to 5.5mm again. Continue to rotate the force screw, whilst supporting the bearing housing until fully removed. Alternatively, if the housing spigot is not "seized" a 30mm spanner can be used to slowly extract the hub at 1.6mm per turn.

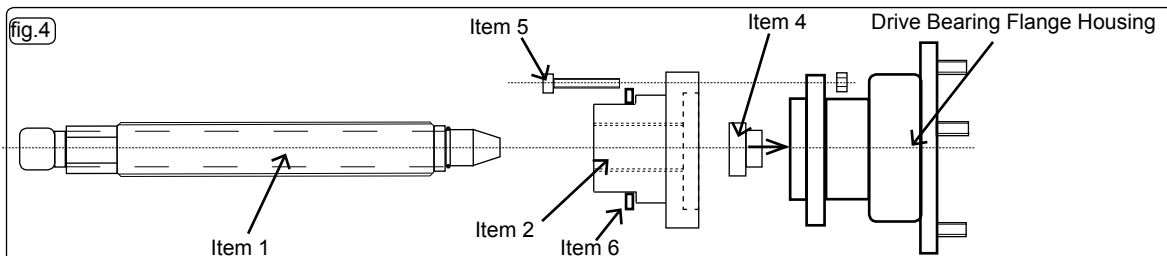
5.1.1\* If required.



### 5.2. Taper roller bearing removal.

- 5.2.1. Insert the spigot of the small adaptor (item 4), into the bearing bore as shown in fig.4.
- 5.2.2. Fit the flange adaptor (item 2) to the bearing housing with the five sets of fixings (item 5). Torque equally.
- 5.2.3. Lubricate the thread of the force screw with a copper based grease or similar product.
- 5.2.4. Thread the force screw, tapered end leading, clockwise through the boss of the adaptor, winding until solid resistance is felt. The solid resistance will be the small adaptor (item 4). A 5.5mm gap should become apparent between the hexagon and the ram head, see fig.4.
- 5.2.5. With a copper head mallet, strike the ram head square on the end to overcome any residual adhesion of the bearing and housing bore. This will initiate bearing removal; strike the ram again if required.
- 5.2.6. Observe the decrease in the "slide gap". Rotate the threaded force screw barrel clockwise to increase the gap back to 5.5mm again. With caution repeat actions from 5.2.4 and 5.2.5 until the bearing is removed.
- 5.2.7. Disassemble and clean tool components with a lightly oiled cloth before storing as a complete set of parts indoors.

Note! The inner race remains on the internally splined sleeve; removal is not covered in these instructions.



**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.



Sole UK Distributor, Sealey Group,  
Kempson Way, Suffolk Business Park,  
Bury St. Edmunds, Suffolk,  
IP32 7AR

01284 757500

www.sealey.co.uk

01284 703534

sales@sealey.co.uk