

# MERCEDES-BENZ VITO REAR GEN 2 BEARING KIT INSTRUCTIONS

 **08122500**



**INSTRUCTIONAL  
VIDEO**



Reference	Part Number	Description
A	081225-01/02/03	Main Force Screw Nut & Washer
B	081225-04	Inner Race Puller
C	081225-05	Back Plate Removal
D	081225-06	Back Plate Installation
E	081225-07	Hub Back Adaptor
F	081225-08	Front Plate Installation
G	081225-09	Removal Ring
H	081225-10	Top Plate
I	081225-11	Set of Pins (5pc)
J	081225-12	Hub Pressure Plate

## Applications:

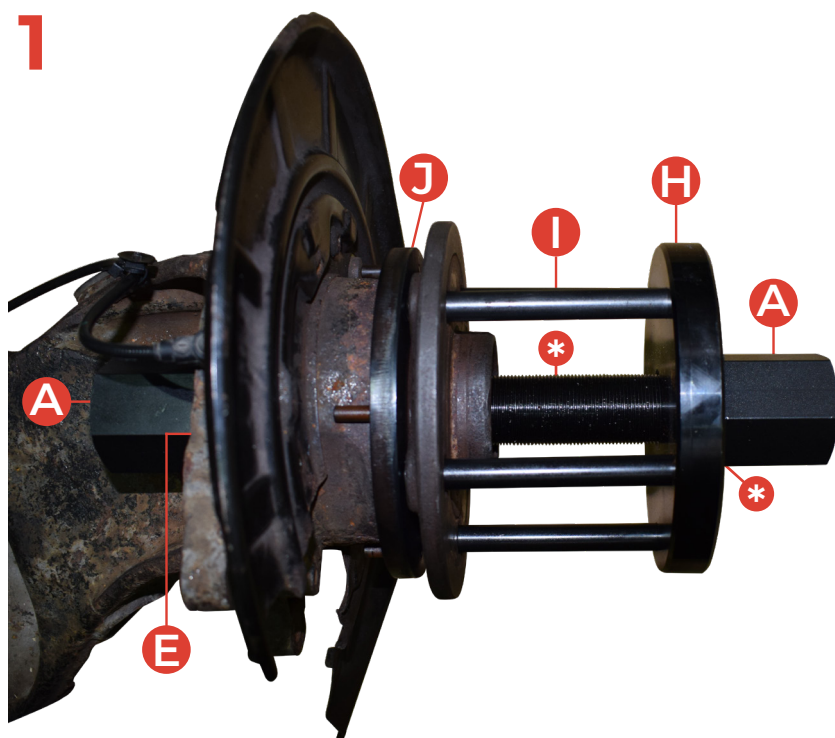
- Viano (W639) '03 -
- Vito Mixto (W639) '03 -
- Vito Minibus (W639) '03 -

## OEM References:

- OE-6393340006
- OE-639 981 04 27 S1
- OE-A6399810427
- OE-6399810427
- OE-A6393340006
- OE-A6399810427S1

**IMPORTANT:** ALWAYS LUBRICATE THE SCREW THREADS WITH MOLYBDENUM DISULPHIDE (BLACK GREASE) BEFORE USING THE TOOL

**1**



## Removal of Wheel Hub

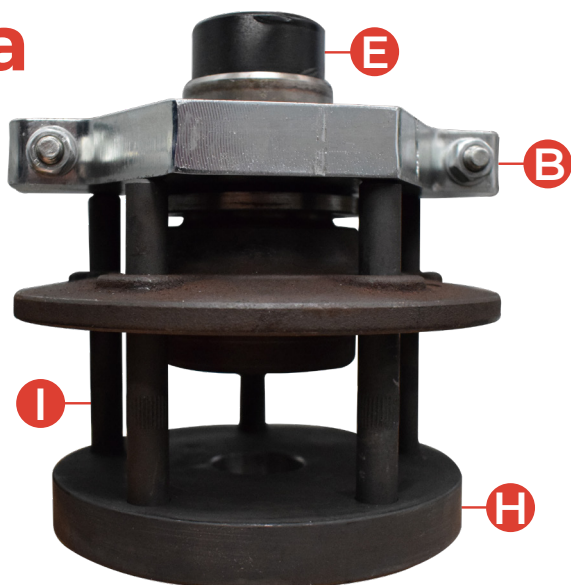
1. Assemble as shown - only 4 pins required for this stage
2. Align the pins (I) with plate (J)
3. Remove bearing by turning nut and force screw with two suitable spanners

\*(Force screw and nut surface must be lubricated)

**(DO NOT USE IMPACT TOOLS)**

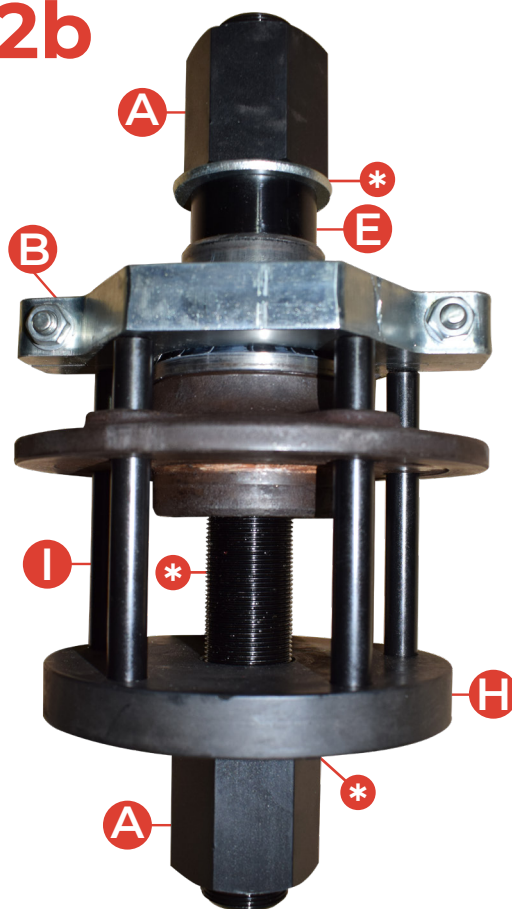
## Removal of Inner Race

**2a**



**OR**

**2b**



## Method 1

Using a workshop press (2a)

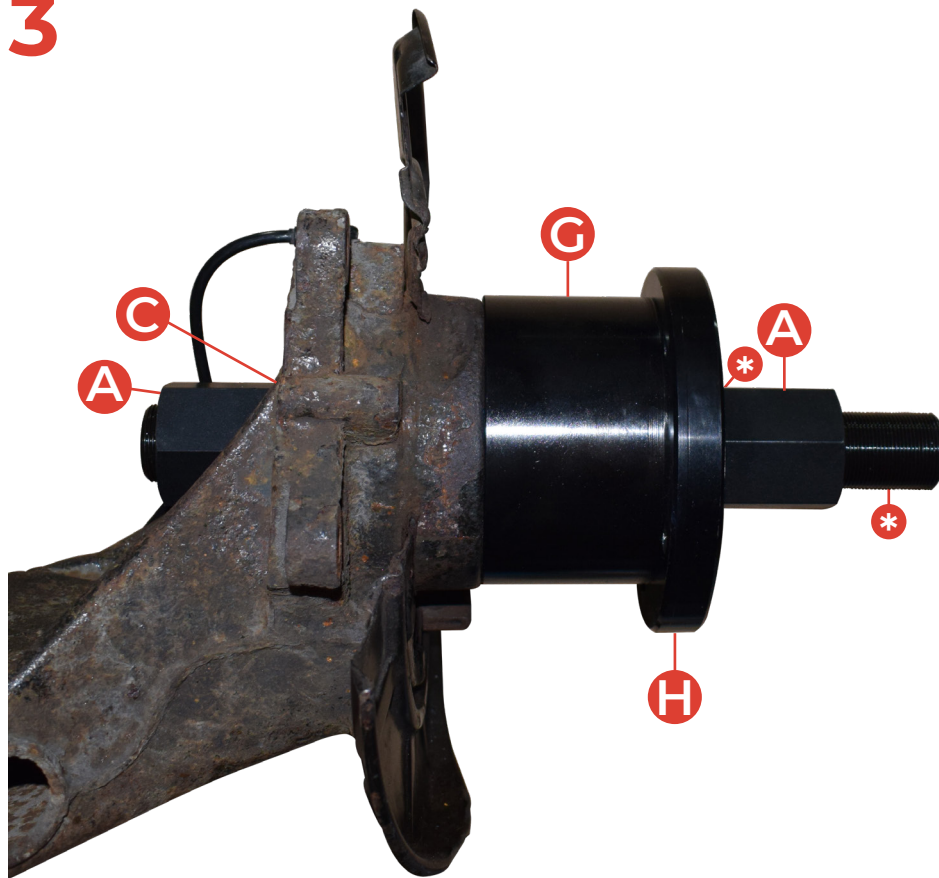
## Method 2

Using the screw method (2b)

**(DO NOT USE IMPACT TOOLS)**

\*(Force screw and nut surface must be lubricated)

3



## Removal of Main Bearing

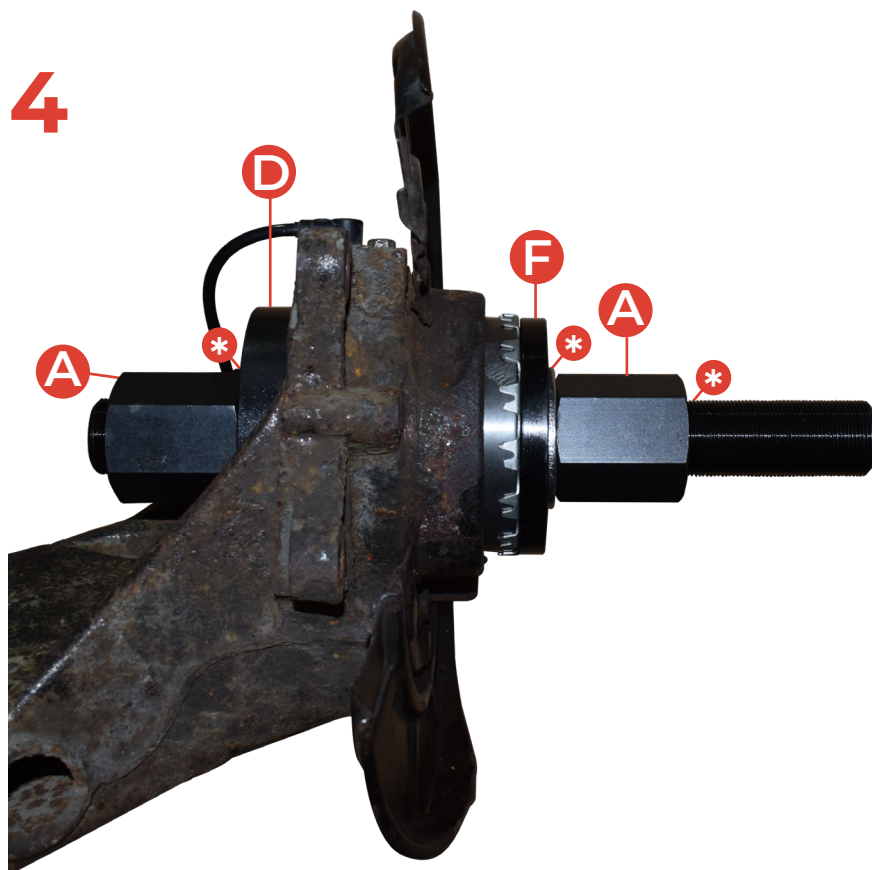
These bearings require a lot of force in order for them to be removed.

It is therefore essential for the screw and nut surface are well grease.

Penetrating oil should also be used on the bearing.

**\*(Force screw and nut surface must be lubricated)**

4



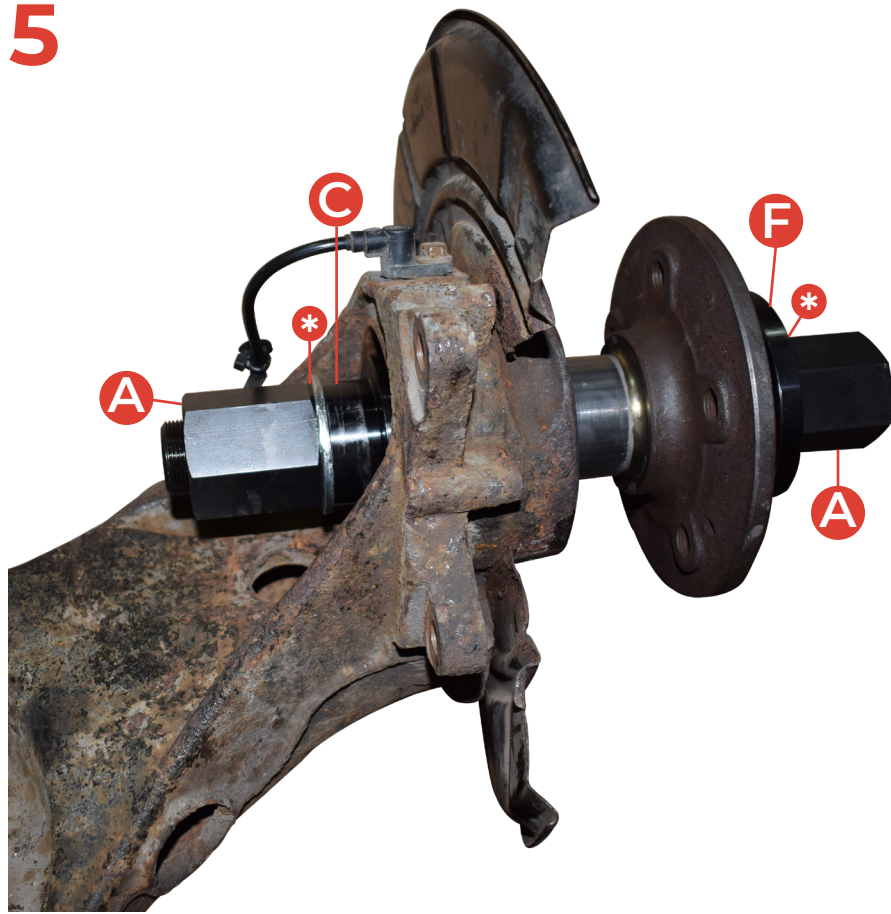
## Installing New Bearing

Clean the hub area of any debris before installing new bearing

**\*(Force screw and nut surface must be lubricated)**



5



## Install Hub

Ensure item C's larger diameter is placed against the bearing as shown in diagram

**\*(Force screw and nut surface must be lubricated)**