BGS technic

BGS 7681

Hydraulic Drive Shaft Puller Set

COMPONENTS

1 Hydraulic spindle 10 t with sliding handle, external thread 1-1/2", length 250 mm
2 Strike spindle with movable strike pin, external hexagon 30 mm, length 285 mm
3 Pull arms
4 Pull arm disc, Ø 101 mm
5 Centering tip with extension for hydraulic spindle
6 Strike wrench for strike spindle, outer hexagon 30 mm, width 200 mm

ATTENTION

Read the operating instructions and all safety instructions contained therein carefully before using the product. Use the product correctly, with care and only according to the intended purpose. Non-compliance of the safety instructions may lead to damage, personal injury and to termination of the warranty. Keep these instructions in a safe and dry location for future reference. Enclose the operating instructions when handing over the product to third parties.

INTENDED USE

This tool set is used to press out drive shafts or remove wheel hubs on passenger cars, vans and smaller commercial vehicles with a bolt circle diameter of 125 - 215 mm. The tool set is particularly suitable for stuck or rusted drive shafts and is suitable for wheel hubs with 3, 4, 5 and 6 wheel screws and bolts.

SAFETY INFORMATIONS

- Keep children and unauthorized persons away from the work area.
- Keep this tool out of the reach of children
- Only use the tool for work for which it is intended.
- Check the condition of the tool regularly and replace damaged parts.
- When lifting the vehicle, always use the lifting points provided by the vehicle manufacturer.
- Before working under a vehicle, always ensure that the vehicle is adequately supported by jack stands or ramps. Chock the wheels and make sure the handbrake is firmly on.
- Make sure you have a secure, non-slip footing when working.
- Make sure the tool is mounted properly.
- Do not over-tighten the spindle or use excessive force as this may damage both the tool and the component.

Instruction Manual

BGS technic KG
Bandwirkerstr. 3
D-42929 Wermelskirchen

Tel.: 02196 720480
Fax.: 02196 7204820
mail@bgs-technic.de

www.bgstechnic.com

SAFETY INFORMATIONS

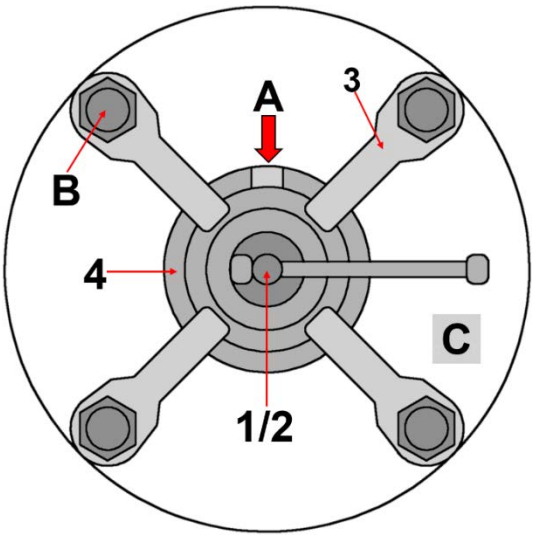
- The tool is not suitable for impact wrenches. Using an impact wrench can cause components to burst and flying component fragments can cause injury.
- Always use a workshop manual for detailed instructions.
- Always grease the tool threads before using the tool.
- Check and replace any damaged tool components if necessary.

ENVIRONMENTAL PROTECTION

Dispose of this product at the end of its working life environmentally. Recycle unwanted materials instead of disposing of them as waste. All packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. Contact your local solid waste authority for recycling information.

USE

1. Choose the hydraulic spindle (1) or strike spindle (2) and insert it into the pull arm disc (4). When using the hydraulic spindle, the centering tip (5) must be attached to the front of the hydraulic piston with or without an extension.
2. Select number of pull arms (3).
   - 4 pull arms for wheel hubs with 4 wheel nuts or bolts
   - 5 pull arms for wheel hubs with 5 wheel nuts or bolts
   - 3 pull arms for wheel hubs with 6 wheel nuts or bolts
3. Install the pull arms (3) on the pull arm disc (4) by sliding the slot in the pull arm eye over the opening (A). Attention: Before use, turn the pull arms on the pull arm disc to an offset position from the opening (A).
4. Fasten the pull arms (3) to the wheel hub (C) using original wheel screws or bolts (B).
5. Pre-tension the hydraulic spindle (1) on the knurling by hand.
6. Check all components for correct seating.
7. Turn the sliding bar clockwise to slowly push out the drive shaft. Re-tightening of the hydraulic spindle may be necessary if the way of the hydraulic piston is not sufficient. To do this, turn the sliding bar several turns counter-clockwise and the hydraulic spindle on the knurl as far as possible in direction of the drive shaft stub.
8. After work, return the hydraulic piston to its initial position by pressing the hydraulic spindle against a workbench, for example, and turning the sliding bar counter-clockwise. Be careful not to unscrew it too far, otherwise the thread of the sliding bar may fall out of the hydraulic spindle.



OCCUPATIONAL SAFETY

Always wear safety glasses, work gloves and non-slip safety shoes when using this tool.

Instruction Manual

BGS technic KG
Bandwirkerstr. 3
D-42929 Wermelskirchen

Tel.: 02196 720480
Fax.: 02196 7204820
mail@bgs-technic.de

www.bgstechnic.com