

23 PCE WHEEL BEARING REMOVAL KIT

User Manual



07902

General Information

Thank you for purchasing a Blue Spot Tools product, you can find further information on our range at **www.BlueSpot.uk.com**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the wheel bearing removal kit. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

DO NOT use if damaged.

- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- If any parts of the wheel bearing removal kit is damaged do not use.
- **ALWAYS** ensure you have read the instructions fully and feel confident in how to use the tool before beginning.
- **ALWAYS** dress appropriately – clothing should be close fitted and long hair tied back. Jewellery should be removed.
- Ensure the tool is kept clean and is well lubricated.
- **ALWAYS** ensure the vehicle is correctly and securely supported with axle stands and ramps.
- **ALWAYS** wear the correct eye protection when operating.
- **NEVER** use any parts of the wheel bearing removal kit to perform a task that they were not designed for. Do not overload or misuse the tool.
- **NEVER** operate the tool if you are under the influence of drugs or alcohol as this can be dangerous.
- When you have completed the task intended always ensure the kit is stored away in its original box and that is out of reach of children.

Introduction

The Blue Spot Tools 23 PCE Wheel Bearing Removal Kit is manufactured from hardened steel with a blackened phosphate coating for increased durability and corrosion resistance. This set reduces any chance of accidental damage to the bearing and hub. It is also suitable for installing and removing large industrial bearings. Perfect for use in either domestic or imported front-wheel-drive cars and light trucks. This set eliminates any need for front end alignment following completion of work. The kit comes complete in a blow molded case to allow for convenient storage and transport.

Suitable use: Front wheel drive cars, 4x4's and light trucks.

Specification

2 x External Sleeve Caps	32 & 38mm
13 x Drifts	50, 55, 60, 64, 67, 70, 72, 74, 75, 78, 82, 84 & 88mm
2 x Washers	
1 x Force Screw	
1 x Force Screw Nut	
4 x External Sleeves	76, 86, 92 & 101mm



Introduction

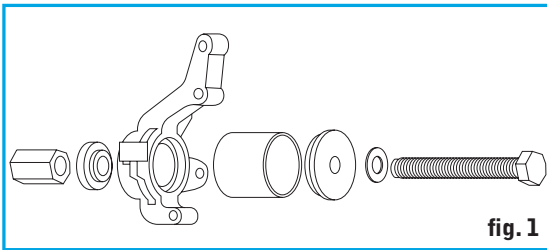
Item Number	Description	Quantity	Marking on Product
1	Sleeve (4" O.D x 2.53" Long)	1	
2	Sleeve (3.625" O.D x 2.53" Long)	1	
3	Sleeve (3.25" O.D x 2.53" Long)	1	
4	Sleeve (3" O.D x 2.5" Long)	1	
5a	Small Sleeve Plate (3.25" O.D x 2.72" Step)	1	
5b	Large Sleeve Plate (4" O.D x 3.2" Step)	1	
6	Bushing (2.96" O.D)	1	955-06
7	Bushing (2.62" O.D)	1	955-07
8	Bushing (2.18" O.D)	1	955-08
9	Bushing (2.88" O.D)	1	955-09
11	Bushing (2.5" O.D)	1	955-11
12	Bushing (2.78" O.D)	1	955-12
13	Bushing (2.82" O.D)	1	955-13
14	Bushing (2.82" O.D)	1	955-14
15	Bushing (2.9" O.D)	1	955-15
16	Bushing (3.48" O.D)	1	955-16
17	Bushing (3.05" O.D)	1	955-17
18	Bushing (3.21" O.D)	1	955-18
19	Bushing (3.28" O.D)	1	955-19
20	Nut (3" Long x 0.75" Diameter)	1	
21	Sliding Screw (7.5" Long x 0.75" Diameter)	1	
22	Washer (1.5" O.D)	2	
23	Carrying Case	1	

O.D – Outer Diameter

Operation

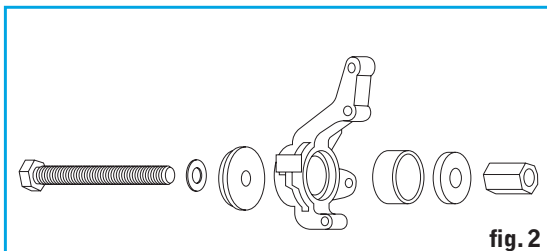
Bearing Removal

1. Find the correct sleeve to fit on the outside of the bearing housing.
2. Find the correct drift to drive the bearing from the housing.
3. Identify the correct external sleeve from the kit to sit on the front of the bearing housing.
4. Apply the force screw nut to the back of the drift, then use a ratchet to hold the force screw nut stationary throughout the removal of the bearing.
5. Lubricate force screw and apply washer.
6. Place correct external sleeve cap onto the external sleeve and insert force screw.
7. Use 27mm ratchet spanner or socket to tighten force screw, removing the wheel bearing.
8. Keep the hub screw and nut well lubricated whilst driving out the bearing.
9. Refer to figure 1 for correct assembly.



Bearing Installation

1. Find the correct sleeve cap to sit on the outside of the bearing housing and the correct diameter drift to drive the new bearing into the housing.
2. Place the bearing and drift into bearing housing, then use a ratchet to hold the force screw nut stationary throughout the removal of the bearing.
3. Apply the washer and force screw to the external sleeve cap.
4. Use 27mm ratchet spanner or socket to tighten force screw, pushing the bearing into place.
5. Refer to figure 2 for correct assembly.



Cleaning & Maintenance

To clean just use a dry cloth to wipe over the tool parts.

Storage

ALWAYS ensure the tools are stored out of reach of children.

Store the tool in a secure, dry place.

Disposal

Always check and adhere to national regulations when disposing of any tools that are no longer functional and cannot be repaired.

- Contact your local waste disposal authority for information on how to correctly dispose of tools.

Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



Contact

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