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Beta 30330030

Beta 30330030 Hydraulic Jack - Instruction Manual

Model: 30330030 | Brand: Beta

1. INTRODUCTION

Thank you for choosing the Beta 30330030 Hydraulic Jack. This robust, long-version 3-ton hydraulic jack is engineered for professional mechanical applications and automotive repairs, offering reliable and safe lifting capabilities. This manual provides essential information for the correct setup, operation, maintenance, and troubleshooting of your hydraulic jack. Please read it thoroughly before use to ensure safe and efficient operation.

1.1. Safety Information

- Always read and understand all instructions before operating the jack.
- Do not exceed the rated capacity of 3 tons.
- Use the jack only on a hard, level surface.
- Always use appropriate jack stands to support the vehicle after lifting. Never rely solely on the hydraulic jack for support.
- Ensure the vehicle is in park (automatic) or gear (manual) and the parking brake is engaged before lifting.
- Block wheels that are not being lifted.
- Keep hands and feet clear of moving parts and the area under the load.
- Do not modify the jack or use it for purposes other than lifting vehicles.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.

2. SETUP

2.1. Unpacking and Initial Inspection

Carefully remove the hydraulic jack from its packaging. Inspect the jack for any signs of damage that may have occurred during shipping. Ensure all components are present and intact. If any damage is found or parts are missing, do not use the jack and contact your supplier immediately.



Figure 1: The Beta 30330030 Hydraulic Jack. This image shows the complete jack assembly, highlighting its robust construction and long handle.

2.2. Handle Assembly

Insert the handle into the handle socket at the rear of the jack. Secure it according to the design (e.g., with a set screw or by twisting until it locks). Ensure the handle is firmly seated before use.

2.3. Bleeding the Hydraulic System

Before first use, or if the jack has been stored for a long period, it is recommended to bleed any air from the hydraulic system.

1. Turn the release valve (usually by twisting the handle clockwise) fully counter-clockwise to the open position.
2. Pump the handle rapidly several times (10-15 strokes) without a load.
3. Turn the release valve fully clockwise to the closed position.
4. Test the jack by lifting it to its full height and then lowering it. Repeat if necessary until smooth operation is achieved.

3. OPERATING INSTRUCTIONS

3.1. Preparing the Vehicle

- Park the vehicle on a hard, level surface.
- Engage the parking brake.
- Place the transmission in park (automatic) or the lowest gear (manual).
- Block the wheels that are not being lifted to prevent accidental movement.

3.2. Lifting the Vehicle

1. Position the jack directly under the vehicle's designated lifting point. Consult your vehicle's owner's manual for correct lifting points.
2. Ensure the saddle of the jack is centered and making full contact with the lifting point.
3. Turn the release valve fully clockwise to close it.
4. Pump the handle up and down to raise the vehicle to the desired height. Lift only high enough to perform the necessary work.
5. Once the vehicle is lifted, immediately place appropriately rated jack stands under the vehicle's frame or designated support points.
6. Slowly lower the vehicle onto the jack stands by gradually turning the release valve counter-clockwise. Ensure the vehicle is securely resting on the jack stands before beginning any work.



Figure 2: The Beta 30330030 Hydraulic Jack positioned under a vehicle's chassis for lifting. This demonstrates proper placement for vehicle elevation.

3.3. Lowering the Vehicle

1. Ensure all tools and personnel are clear from under the vehicle.
2. Raise the vehicle slightly with the hydraulic jack to remove the jack stands.
3. Once jack stands are removed, slowly turn the release valve counter-clockwise to gradually lower the vehicle to the ground.
4. After the vehicle is fully lowered, remove the hydraulic jack.

4. MAINTENANCE

4.1. General Maintenance

- Cleaning:** Keep the jack clean and free of dirt, grease, and debris. Wipe down surfaces with a clean cloth.
- Lubrication:** Periodically lubricate all moving parts, pivot points, and wheels with light machine oil.
- Hydraulic Fluid:** Check the hydraulic fluid level regularly. To check, lower the jack completely, remove the oil filler plug, and ensure the fluid is level with the bottom of the filler hole. Use only high-quality hydraulic jack oil. Do not use brake fluid or motor oil.
- Inspections:** Before each use, inspect the jack for any signs of damage, leaks, or wear. Pay close attention to welds, hoses, and seals. Do not use a damaged jack.

4.2. Storage

Store the hydraulic jack in a clean, dry place with the ram fully retracted to protect the hydraulic seals. Avoid exposure to extreme temperatures or corrosive environments.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack will not lift load.	Release valve open; Air in hydraulic system; Low hydraulic fluid; Overload.	Close release valve; Bleed air from system (Section 2.3); Add hydraulic fluid; Reduce load (do not exceed 3 tons).
Jack lifts slowly or erratically.	Air in hydraulic system; Low hydraulic fluid; Dirty fluid.	Bleed air from system (Section 2.3); Add hydraulic fluid; Consult a qualified technician for fluid replacement.
Jack will not hold load / creeps down.	Release valve not fully closed; Internal seal leakage; Overload.	Ensure release valve is fully closed; Consult a qualified technician for seal replacement; Reduce load (do not exceed 3 tons).
Jack will not lower completely.	Release valve not fully open; Obstruction.	Ensure release valve is fully open; Check for any physical obstructions.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact Beta customer support or a qualified service technician.

6. SPECIFICATIONS

Feature	Detail
Model Number	30330030
Brand	Beta
Maximum Load Capacity	3 Tons (3000 kg)
Minimum Height	140 mm
Material	Alloy Steel
Product Dimensions (L x W x H)	41 x 21 x 128 cm (16.1 x 8.3 x 50.4 inches)
Item Weight	53 Kilograms (116.8 lbs)
Vehicle Service Type	Car

Feature	Detail
Certification	Certified Tool

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, claims, or technical support for your Beta 30330030 Hydraulic Jack, please refer to the warranty documentation included with your purchase or visit the official Beta website. You may also contact your retailer for assistance. Please have your model number (30330030) and purchase date available when contacting support.

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