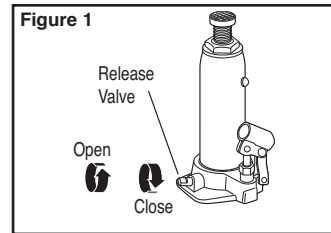


OPERATION

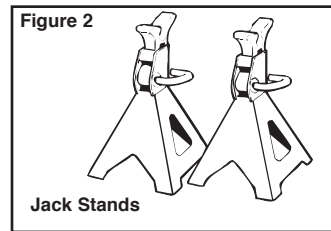
Before using your jack:

Place pump handle over release valve and turn counter-clockwise to open. Pump jack about 6 full strokes to ensure complete distribution of hydraulic fluid. (See Figure 1)



To raise:

Refer to vehicle owner's manual for proper jacking procedures. Lift only on areas of vehicle as specified by manufacturer. Make certain that load is centered on saddle. Place pump handle over release valve and turn clockwise to close. Insert handle into handle socket and pump to raise load to desired height. **ALWAYS** support load with jack stands. (See figure 2)

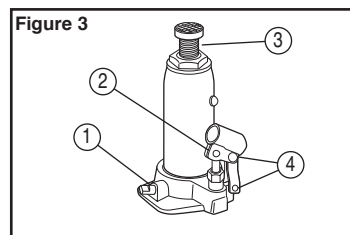


To lower:

Raise load enough to remove jack stands. **SLOWLY** turn release valve counter-clockwise just enough to allow controlled descent. (Never turn more than 3 full turns)

CARE & MAINTENANCE

1. When jack is not in use, ram and pump piston should be in fully down position to keep their machined surfaces free from corrosion.
2. Keep jack clean and well lubricated at points illustrated in figure 3.
3. For best results, use only hydraulic fluid with a rating of SAE 10 for refills. Check fluid level with jack in fully down position. Fluid level should be up to bottom of oil fill port. (See figure 5)
4. Regularly check for loose, worn or damaged parts. Any jack that appears damaged in any way must be removed from service.
5. Replace worn or damaged parts with Performance Tool replacement parts. Be sure that only qualified personnel perform repairs.



LIMITED WARRANTY

PERFORMANCE TOOL extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

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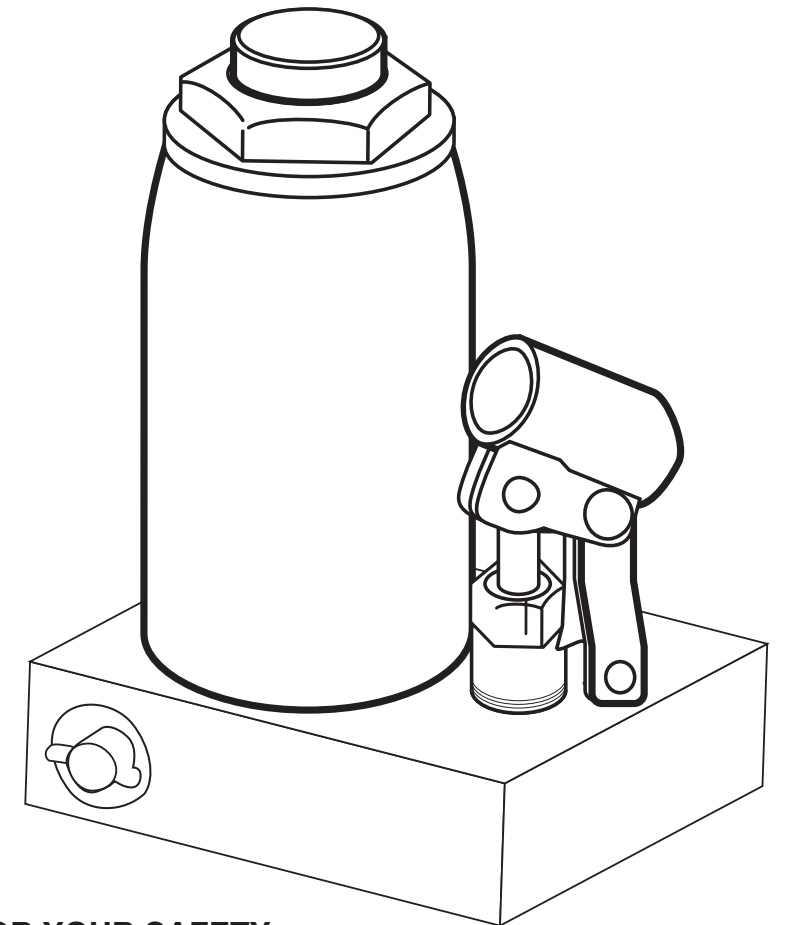
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30 Ton Hydraulic Bottle Jack

Stock Number W1636

OWNER'S MANUAL



FOR YOUR SAFETY,
please read these instructions carefully and retain them for future use.

**Performance
Tool®**

SPECIFICATIONS

Capacity: 60,000 lbs.
Low Height: 11-1/4"
Max. Height: 18-1/4"

Specifications are subject to
change without notice

IMPORTANT SAFETY INFORMATION

Read these safety warnings before operation.

WARNING!

Failure to heed these warnings may result in loss of load, damage to jack, and/or jack failure resulting in personal injury or property damage.

WARNING!

This is a lifting device only. Load must be supported immediately by Jack Stands.

Do not overload jack beyond rated capacity. Overloading can cause damage to or failure of the jack.

REFER TO YOUR VEHICLE OWNERS MANUAL FOR PROPER JACKING PROCEDURES. Lift only on areas of the vehicle as specified by the vehicle manufacturer.

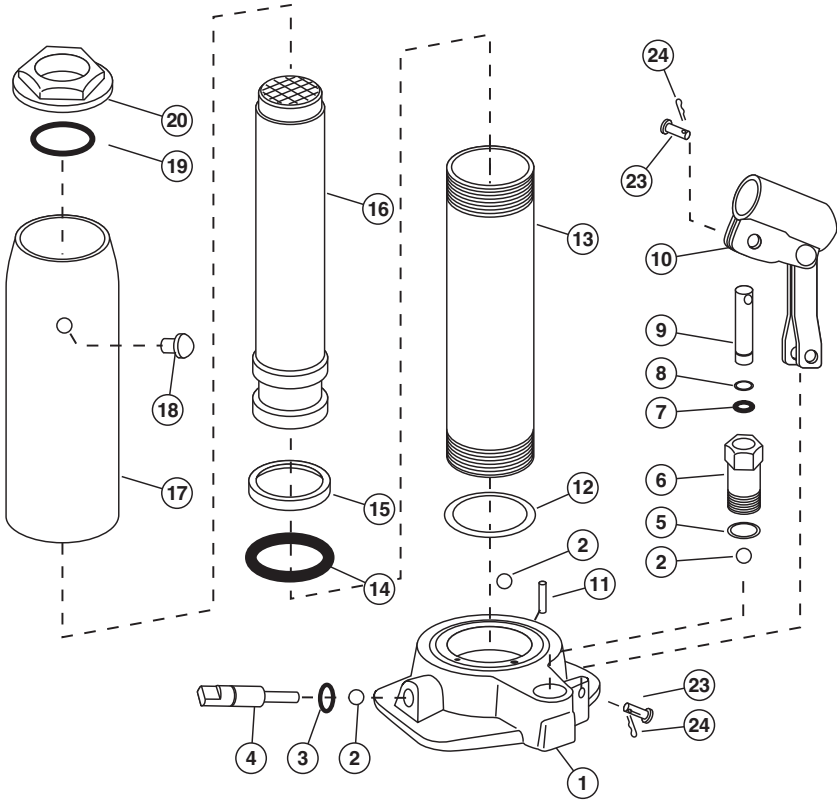
This jack is designed for use only on hard level surfaces capable of sustaining the load. Use of jack on other than hard level surfaces can result in jack instability and possible loss of load.

Be sure all personnel are clear of load before lowering load.

Ensure that no personnel pass underneath load until load is securely supported by jack stands.

REPLACEMENT PARTS

Figure 4



Parts List

| Part # | Description | Qty. | Part # | Description | Qty. |
|-------------|---------------------------|------|-------------|------------------|-------|
| 1 W1636-1 | Hydraulic Unit Body | 1 | 12 W1636-12 | Cylinder Seal* | 1 |
| 2 W1636-2 | 6 mm Steel Ball* | 3 | 13 W1636-13 | Cylinder | 1 |
| 3 W1636-3 | Release Valve O-Ring* | 1 | 14 W1636-14 | O-Ring* | 1 |
| 4 W1636-4 | Release Valve* | 1 | 15 W1636-15 | O-Ring Retainer* | 1 |
| 5 W1636-5 | Flat Washer* | 1 | 16 W1636-16 | Ram Assembly | 1 |
| 6 W1636-6 | Pump Cylinder | 1 | 17 W1636-17 | Reservoir | 1 |
| 7 W1636-7 | Pump Piston O-Ring* | 1 | 18 W1636-18 | Oil Filler Plug* | 1 |
| 8 W1636-8 | Pump Piston Back-up Ring* | 1 | 19 W1636-19 | O-Ring* | 1 |
| 9 W1636-9 | Pump Piston* | 1 | 20 W1636-20 | Top Nut | 1 |
| 10 W1636-10 | Handle Socket Assembly | 1 | 21 W1636-21 | Pump Handle Set | 1 Set |
| 11 W1636-11 | Filter Screen* | 1 | | | |

*Included in Repair Kit, stock number W1636CK

TROUBLESHOOTING

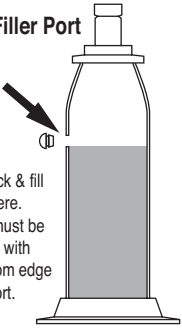
Your Performance Tool hydraulic jack was constructed with quality materials and workmanship and will give you many years of trouble free use when cared for as described in the "Care & Maintenance" section on page 3. However, as with any mechanical device, periodic adjustments are necessary to maintain a peak level of performance. Should your jack be displaying any of the following symptoms, the simple procedures shown below will correct the problem.

WARNING - Remove jack from service before making adjustments

| | | | |
|---|--|--|---|
| Will not lift load | ● | ● | ● |
| Will not hold load | | | ● |
| Will not lift to full height | ● | ● | |
| Pump feels "spongy" under load | ● | ● | |
| Handle raises under load | | | ● |
| Handle lowers under load | | | ● |
| Power unit may be low on fluid. With jack on level surface and in down position, remove filler plug and add clean hydraulic jack fluid to level of filler hole. | Power unit may be airbound. Open the release valve a minimum of 2 full turns. Pump the handle a minimum of 20 full strokes to purge air from the system. | Valves may not be closing completely. To seat valves: a.) Close release valve. b.) With jack in fully lowered position, manually raise ram/extension screw assy. as high as possible. c.) Open release valve and allow jack to descend to lowered position. | |

Figure 5

Oil Filler Port



NOTE:

Problems listed above with more than one solution may have a combination of causes. Please be sure that all solutions listed for each problem have been checked to eliminate possibility of further trouble. Sometimes solutions may need to be repeated for best results.