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Form No. 565954

Instructions

for:

9312

9320

Bottle Jack

Max. Capacity: 9312 - 12 Tons
 9320 - 20 Tons

These instructions have been written to help the user more effectively use and maintain OTC jacks. Some of the information applying to construction, installation, operation, inspection, and maintenance of hydraulic jacks was selected from ANSI B30.1 and ASME/ANSI PALD-1. It is strongly recommended that the user read these two documents, which may be ordered from the American Society of Mechanical Engineers, United Engineering Center, 345 East 47th, New York, New York 10017.

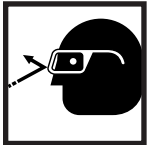
Operating Instructions



WARNING: Failure to heed the following warnings can result in personal injury and/or equipment damage. These warnings cannot cover every situation. Have safety foremost in your mind when setting up a job.



- Read, understand, and follow the operating instructions, and the ANSI B30.1 and ASME PALD-1 safety standards for jacks. If the operator cannot read English, operating instructions and safety precautions must be read and discussed in the operator's native language.



- Wear eye protection that meets the requirements of ANSI Z87.1 and OSHA.

- Inspect the jack before each use; do not use the jack if it is damaged, altered, or in poor condition.

- To prevent tipping, set up the jack on a hard, level surface. Set vehicle parking brake and block tires.

- The load must not exceed the rated lifting capacity of the jack. Lift only dead weight.

- Center the load on the jack saddle, because off-center loads can damage seals and cause hydraulic failure.



- Use the jack for lifting purposes only. This jack is designed to LIFT loads, NOT SUPPORT loads. Immediately support a lifted load with jack stands.

- Stay clear of lifted loads.

- Use only approved hydraulic fluid, such as Chevron AW Hydraulic Oil MV or equivalent.

Instructions

To raise the jack, use narrow end of jack handle to tighten release valve clockwise (CW). Insert handle into socket, and operate pump.

To lower the jack, slowly open the release valve knob by turning it counterclockwise (CCW).

To use the jack in a horizontal position, use Figure 1 to determine how to use the jack in a horizontal position.

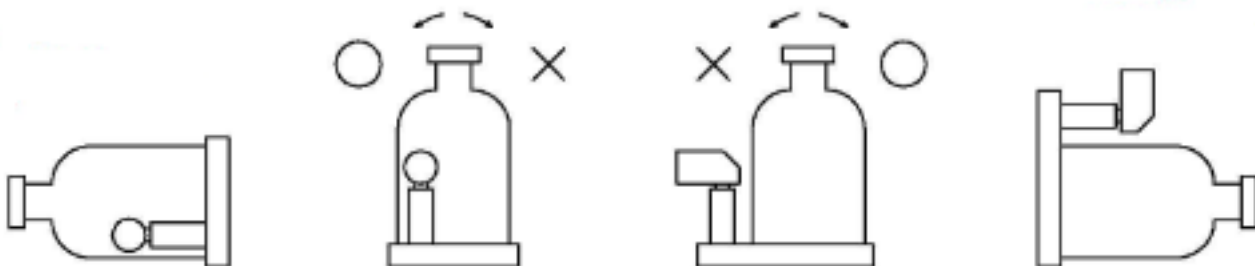


Figure 1

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Sheet No. 1 of 1

Date: Rev. C, August 21, 2012

Parts List

Item No.	Qty.	Description
1	1	Body Assembly
2	1	Cap
3	1	Bolt
4	2	* O-ring
5	1	Safety Valve Spring
6	1	Ball Seat
7	2	Steel Ball
8	1	* Oil Filler Plug
9	1	Retainer Ring
10	1	* O-ring
11	1	* Sealing Washer
12	1	Piston Rod Part
13	2	* Bushing
14	1	* O-ring
15	1	Snap Ring
16	1	* O-ring
17	1	* Nylon Gasket
18	1	* Dustproof Ring
19	1	Pump Plunger
20	2	Shift
21	3	Pin
22	1	Rod Join
23	1	Pin

Item No.	Qty.	Description
24	1	Handle Socket
25	1	†¥ Front Handle
26	1	†¥ Middle Handle
27	1	†¥ Rear Handle
28	1	Screw
29	2	* Copper Washer
30	2	Spring
31	3	Steel Ball
32	1	Release Rod
33	1	Screw

* Included in SEAL KIT 566226
 † Included in HANDLE KIT 566163 for 9312
 ¥ Included in HANDLE KIT 564020 for 9320

