

Bottle Jack

Max. Capacity: 9330 - 30 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.

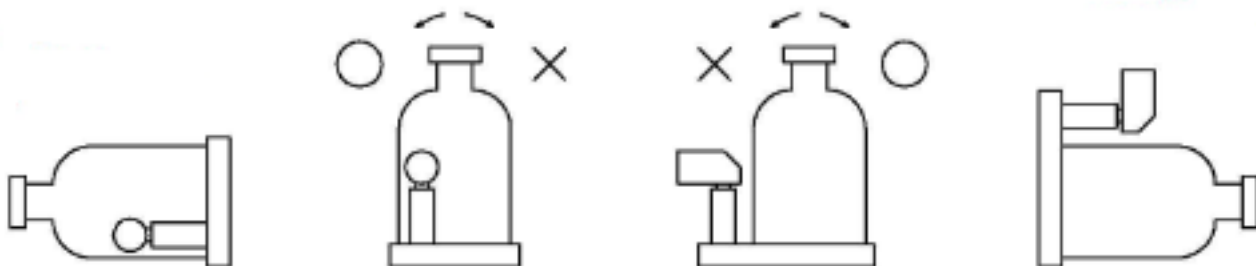


Figure 1

Parts List & Operating Instructions

Parts List

Item No.	Qty.	Description	Item No.	Qty.	Description
1	1	Body Assembly	22	2	Rod Join
2	1	Cap	23	1	Pin
3	1	Bolt	24	1	Handle Socket
4	2	* O-ring	25	1	† Front Handle
5	1	Safety Valve Spring	26	1	† Middle Handle
6	1	Ball Seat	27	1	† Rear Handle
7	2	Steel Ball	28	1	Screw
8	1	* Oil Filler Plug	29	2	* Copper Washer
9	1	Retainer Ring	30	2	Spring
10	1	* O-ring	31	3	Steel Ball
11	1	* Sealing Washer	32	1	Release Rod
12	1	Piston Rod Part	33	1	Screw
13	2	* Bushing	34	1	Snap Ring
14	1	* O-ring	35	1	Adaptor
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			

* Included in SEAL KIT 566146
 † Included in HANDLE KIT 564020

