

Hydraulic Bottle Jack



Operating instructions for:-

SW2TBJ (2 tonne)

SW4TBJ (4 tonne)

SW6TBJ (6 tonne)



Please read these instructions carefully before operating this Hydraulic Bottle Jack.

Operating Instructions:

1. Estimate the weight of the load.

DO NOT OVERLOAD THE JACK BEYOND ITS RATED LOAD.

2. Select the point to place the jack under the gravitational centre of the load. Always ensure that the jack/s is placed on level ground, place a hard plank or similar under the hydraulic bottle jack to avoid any movement of the load whilst the jack is in operation, if necessary.

3. Before use of the hydraulic bottle jack, you must first insert the notched end of the bottle jack handle into the release valve (1.) then turn the handle clockwise until the release valve is closed. **DO NOT OVER TIGHTEN THE VALVE.**

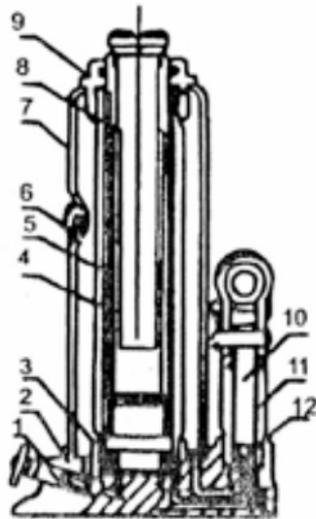
4. Insert the handle into the socket on the hydraulic bottle jack above the pump plunger (10.) and pump the handle, this will raise the ram and in turn lift the load clear of the ground, the ram will stop rising when the maximum height is reached.

5. To lower the ram simply turn the release valve (1.) anti-clockwise using the handle as before. Loosen the release valve slowly to ensure a safe descent of the load.

At ambient temperatures from -5°C to $+45^{\circ}\text{C}$ use machine oil SAE10 (GB443-48)N15. At ambient temperature from -20°C to -5°C use synthetic spindle oil (GB442-64). Sufficient filtered hydraulic oil should be maintained in the jacks, otherwise the rated heights cannot be reached.

Hydraulic Bottle Jack components:

1. Release valve lever
2. Base
3. O-ring
4. Hydraulic cylinder
5. Ram
6. Hydraulic oil
7. Oil-tight tank
8. Extension screw
9. Top cap
10. Pump plunger
11. Pump body
12. O-ring

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