

## Hydraulic Bottle Jack Air Bleeding Instructions

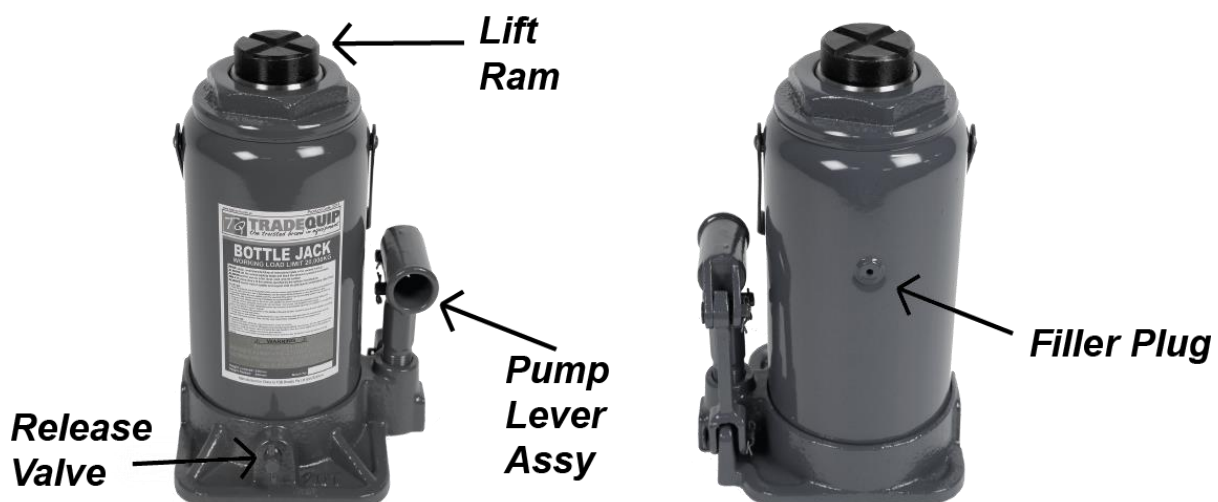
The usual symptoms of a hydraulic bottle jack with air in system are as follows;

1. No resistance in the pump stroke while pumping up a load [handle feels light].
2. Most of the down stroke of the pump taken up but no movement of the Lift Ram.
3. Lift Ram jumps upwards while being pumped up.
4. Lift Ram slowly raises on its own after being fully retracted.

### Steps

1. Remove the Filler Plug and if required, refill with \*32 Grade Hydraulic oil until the oil is lapping the bottom of the filler hole then replace the Filler Plug.
2. Start with the Pump Lever Assembly in the horizontal position.
3. Turn the Release Valve clockwise to the lifting position.
4. Pull the Pump Lever upwards to the raised position.
5. Invert the Jack and push the Pump Lever back to the horizontal position.
6. Place the Jack on its base.
7. Repeat steps 4 to 6 until the Pump Lever feels firm and the Lift Ram is extending.
8. At this point the Pump Assemble should be bled of air. Follow steps 9 to 10 to bleed the Lift Ram.
9. Make sure the Release valve is still in raise mode and pump the Lift Ram to full extension.
10. Turn the release Valve to the lowering position and invert the Jack. Apply force to the bottom of the Jack forcing the Lift Ram back to fully retracted position.

Both the Pump and Lift Ram should now be free of air and the Jack ready for operation.



*\*The range of TQB Brands Hydraulic Presses use 32 Grade Hydraulic Oil for the correct operation and compatibility with the seals used in their construction.*