

The usual symptoms of a Porta Power with air in the system are as follows;

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

Bleeding Instructions

1. Remove the Filler Bung and if required, whilst holding the pump vertically refill with *32 Grade Hydraulic oil until the oil is lapping the bottom of the filler hole then replace the Filler Bung.



2. Start by placing the pump horizontally on a bench with the ram connected via the hydraulic hose.

Note: place the ram on the floor.



3. Turn the release valve clockwise to the lifting position.



4. Hold the pump on the edge of the bench and operate the pump until the attached ram has extended over half of its stroke.



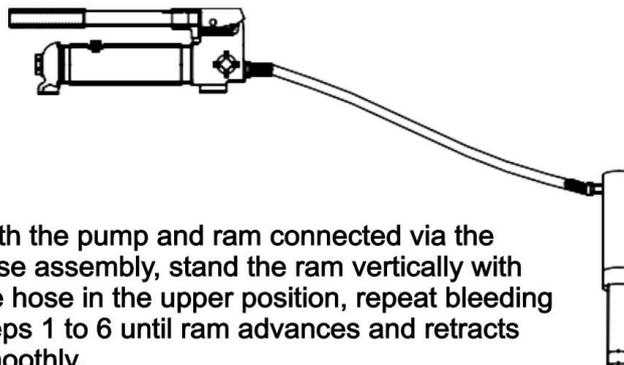
5. While holding the pump vertically turn the release valve to the release position and allow the ram to retract to fully retracted position.



6. At this point the Pump Assembly should be bled of air, however if the symptoms described at the beginning of this instruction persist repeat steps 1 to 5.

Follow step 7 to bleed the Lift Ram.

7. With the pump and ram connected via the hose assembly, stand the ram vertically with the hose in the upper position, repeat bleeding steps 1 to 6 until ram advances and retracts smoothly.



At this point both the Bottle jacks Pump and Bottle Jack Ram should be free of air and the Press ready for operation.

*The TradeQuip range of bottle jacks use grade 32 Grade Hydraulic Oil for the correct operation and compatibility with the seals used in their construction.