

The usual symptoms of a Trolley Jack with air in the system are as follows.

- No resistance in the pump stroke while pumping to the load fact [handle feels light].
- Most of the down stroke of the pump handle taken up but no movement of the Lift ram.
- Pump handle slowly raises on its own while lift arm lowers.

### Universal Joint Release Mechanism Replacement

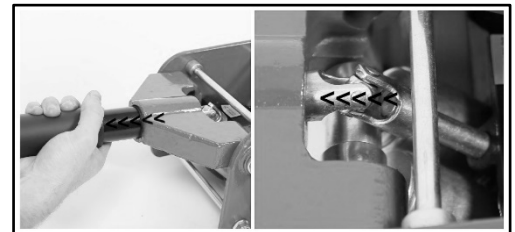
1. Remove Valve Block Cover.



2. Insert the lower handle half into the handle socket and wind anticlockwise till the universal joint comes out of the hydraulic block. If the universal is broken use pliers or multigrips to wind the remaining section from the hydraulic block.



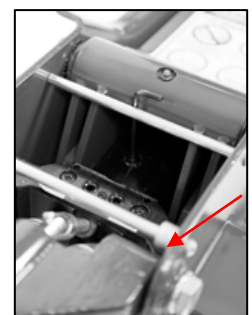
3. Remove the lower handle from the handle socket and pull the universal joint out through the handle socket.



4. Replace with the new universal joint and reassemble in the reverse of the steps above.
5. Perform Bleed Procedure (as below) to ensure the Garage Jack has returned to normal operation.

### Bleed Procedure

1. Remove the cover panel. Remove the Filler Bung and if required, refill with ISO46 Grade Hydraulic until the oil is approximately 6mm below the filler hole then replace the Filler Bung.



2. Rotate the release handle to the raised position.



3. With the help of an assistant stand the jack on its end on the edge of a bench.



4. While holding the jack by the front axle slowly pump the lift arm out to full height.



5. With the help of an assistant place jack back onto the floor and tilt on its front wheels. Rotate the release handle to the lowering position.



6. Ensure the lift arm returns to the fully lowered position.



7. Place jack on the floor and recheck the oil level, Refill to 6mm below the fill port if required before replacing the filler bung as per step 1.

8. If the issue persists, please repeat steps 2 to 6.

**At this point both the Pump and Lift Ram should be free of air and the Jack ready for operation. If the pump still feels spongy or load is slow to raise, seek the services of a qualified Hydraulic repairer.**

***The TradeQuip range of Garage Jacks use ISO46 Grade Hydraulic Oil for the correct operation and compatibility with the seals used in their construction.***