

Fault Description: The usual symptoms of a 2103T motorcycle lift pump with air in the system are as follows.

- No resistance in the pump stroke while pumping up a load [pedal feels light].
- Most of the down stroke of the pump taken up but no movement of the Lift ram.
- Lift Ram jumps upwards while being pumped up.

### Bleeding Procedure

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



2. Hold the pump on the edge of the bench and operate the manual pump pedal until the attached ram has extended to over half of its stroke.



3. While holding the pump vertically depress the release valve pedal and allow the ram to retract to fully retracted position.

### Air Motor Bleeding Procedure

1. Hold the pump on the edge of the bench and operate the **air pump** until the attached ram has extended over half of its stroke.
2. While holding the pump vertically depress the release valve pedal and allow the ram to retract to fully retracted position.
3. At this point the Pump Assembly should be bled of air, however if the symptoms described persist repeat steps 1 to 5.

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*\*The TradeQuip range of Motorcycle Lifts use grade 32 Grade Hydraulic Oil for the correct operation and compatibility with the seals used in their construction*