



TQB Brands Pty Ltd



TQB Brands/Borum Ram Replacement and Bleeding Procedure

Product Code: 2057T/BHDTJ2

Fault Description: The usual symptoms of a of a floor type transmission lift with External Leaking, Valve Bypass/Failure, no load holding ability or Air in the system are as follows.

- No resistance in the pump stroke while raising a load [handle feels light].
- Most of the down stroke of the pump taken up but no movement of the Lift Arm.
- Lift Arm jumps upwards while being pumped up.
- Lift Arm slowly raises on its own after being fully retracted.
- Oil leakage from pump or ram shafts.
- Load holding failure, lowering under load.

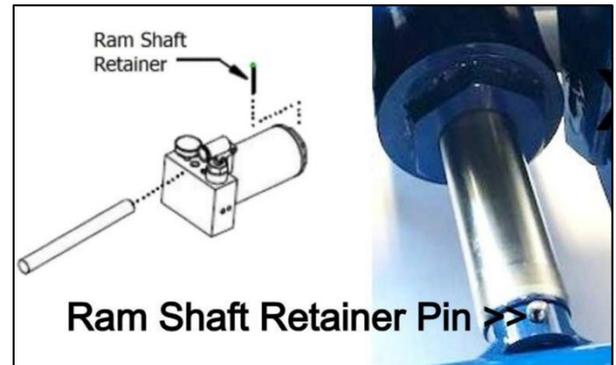
Ram Replacement Procedure

1. Extend the lift arm to approximately full stroke and place a suitable prop between the front axle and tilt head assembly.

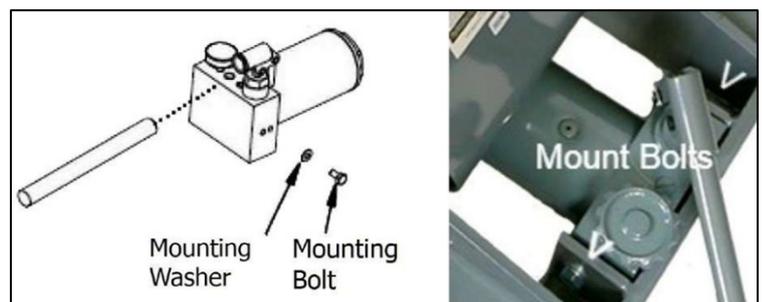
Raise and Prop the lift arm with a suitable device.



2. Remove the ram shaft retainer pin from the lift linkage



3. Remove the two-valve block side retaining bolts and slide the ram assembly out of the main frame.



4. Insert the replacement ram and attach with the side mount bolts.
5. Turn the release knob to raise mode and pump the ram shaft forward enough to attach to the lift linkage and insert the ram shaft retainer pin.
6. Raise the lift arm enough to remove the prop and lower the lift arm to fully lowered. Your jack should be ready for use. If bleeding of the ram is required follow the next steps.



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Ram Bleeding Procedure

1. Remove the Filler Bung and if required, refill with *32 Grade Hydraulic until the oil is approximately 6mm below the filler hole then replace the Filler Bung.



2. Leaving the Pump Handle in the lowered position, open the release knob one eighth turn anticlockwise.



3. With one foot on the front axle assembly, slowly raise the lift arm by hand to three quarter height and release, the lift arm will slowly fall back to lowered position.



4. Remove the oil filler bung from the top of the hydraulic ram and turn the release valve anticlockwise to open.





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TRADEQUIP
the trusted brand in equipment

BORUM
INDUSTRIAL WORKSHOP EQUIPMENT

TQPro **EAGLE PRO** **RED LABEL**

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5. Replace the filler bung and pump the handle up and down quickly several times to bleed air from the pump system.



6. Recheck the hydraulic oil level and refill to 6mm below the fill port if required before replacing the filler bung.



7. If necessary, repeat the process steps 2 to 6

At this point both the Pump and Lift Ram should be free of air and the Jack ready for operation

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