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Product Code: 2051T

Air/Manual Bottle Jack

Purge Air Instructions

Bleeding / Venting trapped air in the hydraulic reservoir

Before use, the hydraulic ram may need to be purged. Air can somtimes become trapped in the hydraulic system due to recent movement. Air bubbles trapped inside the hydraulic reservoir, will reduce the efficiency of the Jack. Always follow this purge air procedure if efficiency drops. Then top up oil level (with high quality hydraulic jack oil) to just below the oil filler hole.

STEPS

1. Assemble handle and ensure that pins align with slots.
2. Place the slotted end of the handle over the release valve T.
3. Turn 1-1/2 turns counter-clockwise to open the release valve.
4. Remove the oil filler plug on the side of the jack reservoir.
5. Push the handle into the manual pump lever, rapidly pump the handle 10 times.
6. Use the handle to turn the Release Valve clockwise until closed tight.
7. Top off Jack Reservoir with a high quality hydraulic jack oil and re-install the oil filler plug.
8. Test hydraulic system and repeat steps 1-7 where necesary.

Bleeding trapped air in the Air Motor Pump

Air/hydraulic bottle jacks can also develop an air lock in the air motor pump, particularly if laying on their side.

The following air pump bleeding procedure rectifies a non-pumping air motor when the manual pump is still operating correctly. The air motor utilises the jacks normal operation to pressurise its own reservoir helping to purge all trapped air pockets beneath the air motor pump.

STEPS

1. Turn the Release Valve clockwise until closed tight
2. Remove the reservoir oil filler plug
3 .Use the manual pump to raise the ram to full height
4. Replace the oil filler plug
5. Lower the ram till it stops at full down
6. Connect the airline to the pump trigger and press it activating the air motor pump.
7. Pump to full height
8. Remove oil filler plug
9. Lower the ram to full down
10. Replace oil filler plug
11. Test the air motor under normal operating conditions [it should now work]
12. Repeat steps 1 to 11 if required.