

FSJ-200

Troubleshooting

~~PROBLEM: FAILS TO LIFT LOAD~~

Cause/Solution:

- Low oil level, see “ADDING HYDRAULIC FLUID”.
- Inadequate air pressure, requires MINIMUM 90 lbs. PSI. 175 lbs. PSI Recommended.
- Release valve open, turn release control knob clockwise until tight.
- Air line leaks, locate and correct leaks.
- Overloaded, use larger capacity jack.

~~PROBLEM: FAILS TO HOLD LOAD~~

Cause/Solutions:

- Release open, turn release knob clockwise until tight.
- Damaged flex shaft or release stem, replace flex shaft & release stem.

~~PROBLEM: AIR MOTOR WON'T RUN~~

Cause/Solution:

- Air line leaks, locate and correct leaks
- Air piston sticking or stuck, add air tool oil to air inlet to lubricate piston
- Air valve is worn. Replace air valve.
- Inadequate air pressure, requires 90-175 lbs. PSI to raise rated load.
- Air bubble in system, See Air Bleeding Procedures

~~PROBLEM: OIL LEAKS~~

Cause/Solution:

- Reservoir fill plug is loose, tighten fill plug
- Reservoir is overfilled. Oil will leak from the oil fill plug if the reservoir is overfilled. Remove excess oil.

FSJ-200 FLUID PROCEDURES

~~ADDING HYDRAULIC FLUID~~

- Remove the jack from service
- The lift arm must be in the fully lowered position and the jack must be on a level surface.
- Clean around the surface of the oil fill plug to prevent contamination of the hydraulic oil system.
- Remove the oil fill plug. Visually check the hydraulic oil level. The fluid should be visible & just covering the hydraulic cylinder (the large round part visible while looking through the oil fill plug hole.) If the fluid level is low, add a high-grade hydraulic fluid equivalent to Phillips 66 Megaflow™ AW HVI 22 so the oil level just covers the cylinder. CAUTION! Do not use brake fluid or transmission fluid! The use of the wrong fluid can deteriorate the seals & corrossions problems will occur and will void any possible warranty.
- Re-install the oil fill plug. Clean up any spilled oil and secure the top cover back onto the frame. Test the jack for normal operation.

If the lift pad still doesn't rise to proper height, repeat steps above, this time adding two more ounces of hydraulic oil. If this doesn't solve the problem, contact the customer service.

~~AIR BLEEDING PROCEDURES~~

- Remove the jack from service
- The lift arm must be in the fully lowered position and the jack must be on a level surface.
- Clean around the surface of the oil fill plug to prevent contamination of the hydraulic oil system.
- Remove the oil fill plug. Visually check the hydraulic oil level. The fluid should be visible & just covering the hydraulic cylinder (the large round part visible while looking through the oil fill plug hole.) If the fluid level is good take an **clean**, empty squeeze bottle (dish soap bottle will work). **Slowly** push in your air valve control (to avoid a hydraulic shower) at the same time give a pop of air from your squeeze bottle into the hydraulic reservoir. This will help push everything through they system & the motor should take right off.
- Re-install the oil fill plug. Clean up any spilled oil and secure the top cover back onto the frame. Test the jack for normal operation.

This jack is VERY fluid sensitive – too much or too little may cause lifting issues.