

MAINTENANCE

Important: Use only a good grade hydraulic jack oil. Avoid mixing different types of fluid and NEVER use brake fluid, turbine oil, transmission fluid, motor oil or glycerin. Improper fluid can cause premature failure of the jack and the potential for sudden and immediate loss of load.

HOW TO REPLACE THE HYDRAULIC CYLINDER

- 1) To remove the cylinder, remove the bolts holding the cylinder in place.
- 2) Remove old cylinder and install new cylinder using the same hardware.

ADDING OIL TO HYDRUALIC CYLINDER

- 1) With saddle fully lowered and pump piston fully depressed, set jack in its upright, level position. Remove oil filler plug.
- 2) Fill until oil is level with the filler plug hole, reinstall oil filler plug.

CHANGING OIL IN HYDRUALIC CYLINDER

For best performance and longest life, replace the complete fluid supply at least once per year.

- 1) With saddle fully lowered and pump piston fully depressed, remove the oil filler plug.
- 2) Lay the jack on its side and drain the fluid into a suitable container.

NOTE: Dispose of hydraulic fluid in accordance with local regulations.

- 3) Fill with good quality jack oil. Reinstall oil filler plug. We recommend Mobil DTE 13 or equivalent.

LUBRICATION

- 1) A coating of light lubricating oil to pivot points, axles and hinges will help to prevent rust and assure that wheels, casters and pump assemblies move freely.
- 2) Periodically check the pump piston and ram for signs of rust or corrosion. Clean as needed and wipe with a clean, oil soaked rag.

NOTE: Never use sandpaper or abrasive material on these surfaces.

STORAGE

When not in use, store the Bottle Jack with pump piston and ram fully retracted.

TROUBLESHOOTING

Symptom	Possible Causes	Corrective Action
Jack will not lift load	<ul style="list-style-type: none">• Release valve not tightly closed• Overload condition	<ul style="list-style-type: none">• Ensure release valve is tightly closed• Remedy overload condition
Jack bleeds off after lift	<ul style="list-style-type: none">• Release valve not tightly closed• Overload condition• Hydraulic unit malfunction	<ul style="list-style-type: none">• Ensure release valve is tightly closed• Remedy overload condition• Contact MoJack Customer Service
Jack will not lower after unloading	<ul style="list-style-type: none">• Reservoir overfilled• Linkages binding	<ul style="list-style-type: none">• Drain fluid to proper level• Clean and lubricate moving parts
Poor lift performance	<ul style="list-style-type: none">• Fluid level low• Air trapped in system	<ul style="list-style-type: none">• Ensure proper fluid level• With ram fully retracted, remove oil filler plug to let pressurized air escape, reinstall oil filler plug
Will not lift to full extension	<ul style="list-style-type: none">• Fluid level low	<ul style="list-style-type: none">• Ensure proper fluid level