

Axle Jacks

Tronair recommends performing preventative maintenance on all jacks, which should include a 90-day routine inspection and a 12-month load test.

Model Number _____

Serial Number _____

Maintenance Performed By _____

Date _____

90-Day Maintenance:

- Check hydraulic system for leaks including the following:
 - Hand pump; cylinder, fittings and seals
 - Reservoir; welds and fittings
- Check jack structure for corrosion, bending, cracking and excessive wear including the following:
 - Base plate
 - Mechanical extension
 - Hydraulic cylinder assembly
 - Retaining ring (secures the cylinder to the base plate)
 - Jack pads, nose and main gear adapters
 - Spacer blocks
- Check fluid level with rams fully retracted. See manual for proper level height
- Extend rams and visually inspect for corrosion, foreign matter, excessive wear and leaks around ram seals. Remove any foreign matter
- Check paint condition, touch-up areas that are exposed
- Actuate the hand pump and raise the ram to full extension at least once.
Do not pressurize hydraulic system once fully extended
Do not allow jack to miss-stage when raising the rams to full extension
- Extend rams and visually inspect for corrosion, foreign matter, excessive wear and leaks around ram seals. Remove any foreign matter
- Open release valve and verify that rams fully retract

Annual (12-Month) Maintenance:

- Check hydraulic fluid for contamination (dirt/water) drain and flush if required
- Perform 90-day maintenance checklist
- Capacity test (110% of jack's rated capacity)

NOTE: The jack may be returned to Tronair for load testing, or sent to a local hydraulic repair shop. Please contact Tronair to obtain a "Return Material Authorization Number" (RMA #) before sending any product to Tronair.