

Multi-Stage Tripod 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:
 - Hydraulic lines; hoses and fittings
 - Hand pump; cylinder, fittings and seals
 - Reservoir; welds and fittings
 - Air operated pump (optional equipment); fittings, air side and oil side seals
- Check jack structure for corrosion, bending, cracking and excessive wear including the following:
 - Ball lock pins
 - Mechanical extension
 - Welded joints; tripod legs, cylinder and foot pads
 - Ram retaining rings
 - Ram lock nuts; gouge marks and cracks in threads
 - Jack pads
- Check fluid level with rams fully retracted. See manual or reservoir tag 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 air operated pump if equipped (reference air operated pump service manual).
- 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
- Apply DoAll, RPM, LPS or equivalent water repellent that is Buna N compatible to the rams
- Open release valve and verify that rams fully retract
- Lubricate casters

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.

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