

## 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.

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