

## Nitrogen Units

Tronair recommends performing preventative maintenance on all Nitrogen Units.

All maintenance performed on this high pressure Nitrogen booster shall be conducted in accordance with all applicable codes governing the handling, operation, installation and trouble shooting for high pressure Nitrogen operation. Maintenance is to only be done by qualified persons.

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Maintenance Performed By \_\_\_\_\_

Date \_\_\_\_\_

**Before Each Use:** Visually inspect unit to ensure all components are present and functional

- Maintain 45 to 50 psi (3.1 to 3.4 bar) tire pressure
- Inspect nitrogen output hoses for signs of cracking or kinking, replace as necessary
- Inspect manifold inlet hoses for signs of cracking or kinking, replace as necessary
- Keep the entire unit clean and free from any contaminants
- Visually inspect for any leaks or damage, repair as needed
- Correct of any problems prior to unit operation

### Quarterly (3-Month) Maintenance:

- Lubricate the air cycling valve in the booster pump (lubricate more frequently if driven with Nitrogen or used heavily). The air cycling valve is separate from the Nitrogen side of the pump and can be serviced without danger of Nitrogen system contamination. Reference Maxpro Maintenance - Air Valve Section and Air Cycling Valve seals kit

**WARNING! Never apply high pressure gas to the high pressure section of this booster whenever the air driven section of this unit is disassembled or when maintenance is being performed on unit**

### Semi-Annual (6-Month) Maintenance:

- Grease wheel bearings

### Annual (12-Month) Maintenance:

- Calibrate gauges

### Storage Maintenance:

- Store the unit in a clean, dry area
- Ensure that all hoses are capped
- Cover unit for the duration of storage to ensure Nitrogen system cleanliness