

# INSTRUCTIONS FOR INFLATOR GAUGE

Your new INFLATOR GAUGE is a precision tool for the measurement and control of air pressure. To insure long service life of the gauge, we suggest the following service tips.

1. Be sure that the air line is free from pipe scale, dirt, and moisture before attaching the gauge. To keep gauge clean, we suggest that a No. 41-150 tool filter be added to the inlet side of the gauge.
2. Drain the compressor tank regularly.
3. We suggest that the valve assembly on your INFLATOR GAUGE be oiled once every month. Use 3 or 4 drops of SAE NO. 10 weight oil.
4. Because abuse, dirt, and moisture are the number one destroyers of gauging equipment, we recommend that all gauges be checked periodically with a master tire gauge to check gauge accuracy.
5. If your inflator gauge has the external side bleed off valve, be sure to bleed off air line pressure when finished with tool to avoid gauging cartridge damage.

**CAUTION: NEVER USE ANY INFLATOR/GAUGE TO CHECK LIQUID-FILLED TIRES OR ANY OTHER LIQUID-FILLED CONTAINERS. THE SOLUTIONS IN THESE TIRES WILL CORRODE THE INSIDE OF THE GAUGE.**

## Field Replacement Parts

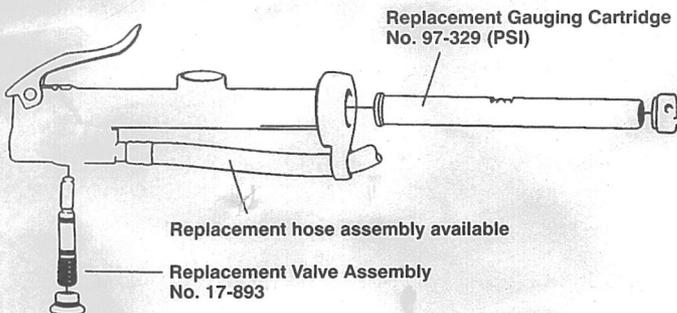
Should your gauge become inaccurate, because of abuse or moisture contamination, OR should the valve assembly develop an air leak after extensive use, a replacement gauging cartridge (No. 97-329, PSI DIAL) and a replacement valve assembly (No. 17-893) are available. **THERE IS NO NEED TO RETURN THE GAUGE TO THE FACTORY FOR REPAIR!** You can install these replacement parts without any special tools. (See Figure 1)

### **! WARNING**

**BE SURE AIR SUPPLY IS DISCONNECTED BEFORE REPLACING VALVE or CARTRIDGE!**

**TO REPLACE GAUGING CARTRIDGE:** 1. Simply remove end plug with screw driver and tip gauge on end to remove cartridge. 2. Install new cartridge and reassemble end plug to gauging housing. **BE SURE THAT CARTRIDGE CAN BE READ THROUGH SIGHT GLASS AFTER ASSEMBLY!** BE SURE THAT END PLUG IS TIGHTENED SNUGLY AGAINST CARTRIDGE!

**TO REPLACE VALVE ASSEMBLY:** 1. Remove brass cap on bottom of gauge housing. 2. Remove old valve pin from gauge by pushing down on lever. 3. Coat the O-rings on the valve pin with multi-purpose grease and install the new valve assembly.



**Fig. 1**