**Filter Element or Clear Filter Bowl Replacement**

1. Turn the system on/off valve to the CLOSED position. See Figure 1.
2. Open the maintenance drain valve to deplete all air pressure from the system then close the maintenance drain valve. See Figure 1.
3. Remove push-to-connect air line to gain access to clear filter bowl assembly. See Figure 1.
4. Remove (unscrew) the clear filter bowl from the manifold assembly. See Figure 1.
5. Remove (unscrew) the filter element from the manifold assembly. See Figure 1.
6. Install new filter element.
7. Reinstall clear filter bowl. If REPLACING clear filter bowl and seal, ensure old seal is removed and new seal is installed in its place.
8. Reinstall push-to-connect air line.
9. Turn system on/off valve to ON position.
10. Check system for leaks after allowing air system to replenish.

**Manifold Service Kit Replacement**

1. Turn the system On/Off valve to the CLOSED position. See Figure 1.
2. Open the maintenance drain valve to deplete all air pressure from the system then close the maintenance drain valve. See Figure 1.
3. Control Box EXTERNAL components: Note locations and orientations of inlet and outlet fittings for reassembly by taking a picture or using notes. See Figure 2.
4. Remove external components and set aside for reuse.
5. Control Box INTERNAL components: Note locations and orientations of flow switch, connector fittings and wiring for reassembly by taking a picture or using notes. See Figure 3.
6. Disconnect wiring from flow switch.
7. Remove and discard four (4) screws securing manifold to control box. See Figure 3.

Continued...
Manifold Service Kit Replacement (cont.)

8. Remove manifold assembly and gasket from control box, paying attention to orientation of gasket and assembly. See Figure 4.

9. Remove flow switch, flow switch to regulator connector fitting and airline connector fitting and set aside for reuse in new Manifold Service Kit assembly. See Figure 5.

10. Attach components from step 9 to the new Manifold Service Kit.

11. Install new manifold gasket into inside of control box, ensuring hole seals are engaged through control box side wall.

12. Install new Manifold Service Kit assembly into control box. See Figure 5.

12. Secure using four (4) new self-tapping fasteners supplied with Manifold Service Kit. Torque to 42-45 in.-lbs. See Figure 5.

13. Reattach the external components removed earlier in step 4. See Figure 7.

14. Turn system on/off valve to ON position.

15. Check system for leaks after allowing air system to replenish.

⚠️ CAUTION ⚠️

After Manifold Service Kit Replacement, the cold tire pressure setting must be adjusted in accordance with the manufacturers cold tire pressure recommendation.

Reference Installation Manual

For additional information, please refer to the Control Box Pressure Check and Adjustment Instructions section in the P.S.I. T001-01 Installation & Maintenance Manual.

Additional Information

Visit the Resource section at www.psitireinflation.com to access and request additional information.

Call P.S.I.® at 210.222.1926 (United States and Canada) or email info@psitireinflation.com or techsupport@psitireinflation.com.