



INSTALLATION INSTRUCTIONS FOR QUICK INSPECT

Install Unit to Car

1. Remove existing Safety Vent
2. This unit must be applied to a flat flange surface only! DO NOT apply to a raised face or recessed flanges.
3. Be sure a flange gasket is in place before installation. Use only Salco Products gaskets or equivalent.
4. Attach unit to car with three (3) 5/8" bolts. Alternate tightening of bolts to ensure even pressure. Bolt torque requirements are 35-40 ft-lbs. **DO NOT OVERTIGHTEN!**

Installation of Rupture Disc

5. Remove the rupture disc securement cap and the top cap. Place the gaskets, surge protector, and rupture disc as shown in Figure 2.
 6. Any gaskets provided with the rupture disc should be applied per disc manufacturer's recommendations.
 7. **DO NOT REMOVE ANY GASKETS AFFIXED TO EITHER SIDE OF THE DISC.**
 8. **DO NOT REMOVE ANY CLEAR TEFLON LINERS.**
 9. Do not install any rupture discs that show signs of damage.
 10. Replace the rupture disc securement cap over the stainless steel/Teflon rupture disc as shown in Figure 2. Prior to tightening, ensure the rupture disc is centered. Tighten the rupture disc securement cap until hand-tight. Lay the Salco Products Quick Inspect Wrench (QI261HDL) across the tabs (See Figure 1.) and tighten the rupture disc securement cap an additional 1/4 turn (90°). **DO NOT OVERTIGHTEN!** Overtightening of the rupture disc securement cap can distort the disc and may affect performance.
- NOTE:** Torque specifications for tightening the rupture disc securement cap depend on the rupture disc being used. Ryton disc = 20 ft-lbs. SS/PTFE = 27 ft-lbs. If the disc does not seal, increase the torque in 5 ft-lb increments being sure not to exceed 90° beyond the initial tightening. If leaks persist, check the gaskets and sealing surfaces for damage.
11. Follow your company's leak test procedure.
 12. Install the top cap **HAND-TIGHT**. The top cap is not a pressure retaining part. The top cap protects the rupture disc from weather.
 13. If desired, apply a cable seal for tamper evidence.

Maintenance

Examine the Quick Inspect and rupture disc for damage as recommended by FRA guidelines. If the Quick Inspect is cracked or damaged in any way, it must be removed from service. Under normal operation and maintenance, the average life expectancy of the Quick Inspect should be five (5) years.

