

PRESSURE RELIEF DEVICES PN 11707, 11709

The purpose of this pipe-away safety device, or standard pressure relief fitting is to relieve bottle pressures in excess of 3000 PSI and vent it to the outside of the vehicle, if so equipped. Once the pressure relief has ruptured, the disc or complete fitting must be replaced, depending on which series of valve you have (please consult the factory). You must always use extreme caution when using or operating a nitrous system or any device using high-pressure cryogenic gasses. If you do not feel comfortable working with high-pressure gasses, please consult a professional before proceeding.

INSTALLATION OF THIS PRODUCT

1. Wash your hands thoroughly to remove all oils and grease before beginning.
2. Be certain your Nitrous Express bottle is completely empty of all contents and the valve is left open.
3. Remove the existing pressure relief fitting from your bottle. This is the nut on the opposite side of the valve outlet.
4. Once the pressure relief fitting has been removed be sure the replaceable rupture disc (circular shiny disc) is also removed at this time.
CAUTION: Never reuse a rupture disc! This rupture disc must be replaced it every time the fitting is removed!
5. Now you are ready to install the pipe-away safety fitting. Installation should be "priority one" when working with the disc, fitting, and valve. Make sure that the new rupture disc has not been damaged (bent or dented) in any way prior to installation.
 - A. When using the NX Lightning Valve: Inset the disc with the copper (tapered) side facing the inside of the valve.
 (See Illustration 1) **CAUTION: Use no oil or lubricant on the fitting, valve, or rupture disc, install with dry threads!!**
 - B. When using the chrome bottle valve and anytime when using the burst disc part # 11712 BE CERTAIN the fitting has the rupture disc placed properly on the machined end! Now start the fitting threads in the valve and hand tighten. (See Illustration 2)
CAUTION: Use no oil or lubricant on the fitting, valve, or rupture disc, install with dry threads!!
6. The final installation step, and most important one, is to torque the fitting to 15 foot-pounds using an accurate torque wrench.
Note: Be certain that only one rupture disc is used. Do not install, either intentionally or unintentionally, more than one rupture disc. Failure to follow this note could result in catastrophic bottle failure and severe or fatal injuries.

Illustration 1



Illustration 2

