



Read all Instructions before beginning!!!!

Caution – EXTREME DANGER – Caution

Do not use or mix any other manufacturer’s products with any Nitrous Express products.

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THESE INSTRUCTIONS APPLY TO NITROUS EXPRESS PRODUCTS ONLY!

FOR SANCTIONED RACE USE ONLY - NOTFOR SALE OR USE IN CALIFORNIA

NHRA Safety Blow-Off Fitting Part # 11709

The purpose of this pipe-away safety device is to relieve bottle pressures in excess of 3000 PSI and vent it to the outside of the vehicle. Once the pressure relief has ruptured, the burst disc must be replaced. 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 valve. This is the fitting on the opposite side of the valve outlet.
4. Once the pressure relief fitting has been removed be certain the replaceable rupture disc (circular shiny disc) is also removed at this time. This rupture disc must be replaced every time the fitting is removed, it is not reusable! **Use only NX rupture disc, part # 11712L, NEVER USE ANY OTHER BRAND OF RUPTURE DISC IN AN NX BOTTLE VALVE!!!**
5. Now you are ready to install the part # 11709 safety fitting and a new burst disc. 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. Insert the disc with the copper (tapered) side facing the inside of the valve. Thread the NHRA Safety fitting in the valve; the NHRA Safety fitting **MUST THREAD AT LEAST 3 FULL TURNS INTO THE VALVE!** (See Illustration 1)
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.

CAUTION: Use no oil or lubricant on the fitting, valve, or rupture disc, install with dry threads!!

Illustration 1

NX Lightning Valve Part # 11700L

