



RACER SAFETY BLOW-OFF FITTING

P/N 16170NOS

A5099-SNOS

INTRODUCTION:

All standard nitrous oxide cylinders are equipped with safety burst discs in the bottle valve assembly. If the bottle pressure is raised to approximately 3000 psig, the safety disc will burst and empty the contents of the cylinder through the diffuser nozzle cap.

In some applications, the nitrous oxide cylinder is installed in the vehicle location, which would result in nitrous oxide being vented to the interior of the vehicle if the safety cap were to burst. In these installations, the safety diffuser cap should be replaced with NOS Racer Safety P/N 16170NOS. The outlet from the Racer Safety should be vented outside the vehicle either with NOS Blow-Down Tube 16160NOS or via an 8AN-braided steel hose.

INSTALLATION:

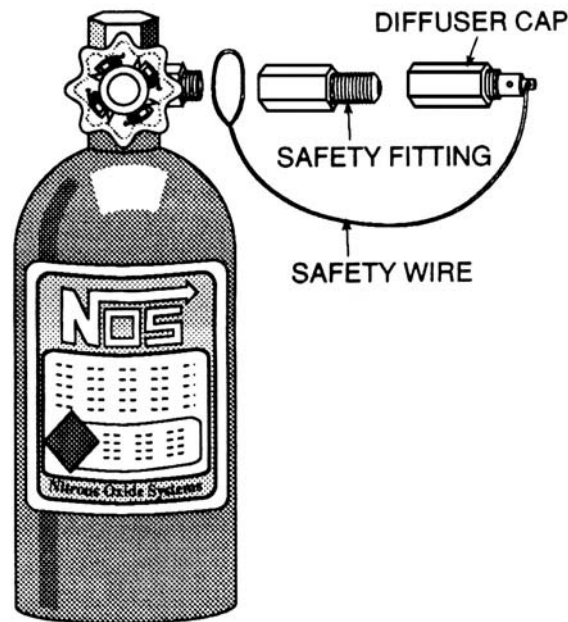
WARNING: Do not allow nitrous oxide to come in contact with the skin. Nitrous oxide can cause severe burns or frostbite. Do not breathe nitrous oxide. Inhalation of large amounts of nitrous oxide can cause death via suffocation.

1. Remove the nitrous oxide cylinder from the vehicle. Take to a well-ventilated location.
2. Gradually open the bottle valve. Empty the contents of the cylinder completely.
3. Remove the safety burst cap and burst disc using a 13/16" wrench.
4. Securely install the Racer Safety Blow-Off on the open port of the nitrous bottle valve.

NOTE: Stainless Steel safety wire needs to be captured between the Racer Safety and the nitrous bottle valve.

5. Connect the open port of the Racer Safety to the NOS Blow-Down Tube or 8AN vent hose.

IMPORTANT: Whenever the NOS Blow-Down Tube or 8AN vent hose is unhooked from the nitrous oxide cylinder, install and finger tighten the Racer Safety's Diffuser Nozzle Cap. Failure to do so can result in the nitrous oxide cylinder "taking off" and injuring someone or causing property damage if the safety disc were to burst when the bottle was not secured in place.



For additional assistance, call the NOS Technical Support Department (8 a.m. to 5 p.m. CST, Monday through Friday at 1-866-GOHOLLEY or Fax to 1-270-781-9772.

For online help, please check the Tech Service section of our website: www.holley.com