



NOS SAFETY BURST DISC P/N 16154NOS 3rd Gen Valves only

Instruction Sheet 199R10484

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 fitting.

When this happens, it is necessary to disassemble the diffuser nozzle fitting and replace the safety burst disc contained inside the bottle valve.

NOTE: This replacement burst disc kit is for 3rd Gen valves only. 3rd Gen valves can be identified by a marking on the valve saying "Made in Italy". 2nd gen valves will look identical to the 3rd Gen with the exception of not having this marking. This kit will not work on a 2nd gen valve.

INSTALLATION:

WARNING! Do not allow the nitrous oxide to come in contact with 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 diffuser nozzle fitting using a 13/32" wrench or socket.
4. Remove the old safety burst disc and copper washer.
5. Insert the new safety burst disc onto the new diffuser nozzle fitting and place the copper washer in the nitrous bottle valve.
6. Install the new diffuser nozzle fitting. Torque to 125 in./lbs.



Photo is for illustration purposes only and does not reflect exact valve. 2nd and 3rd Gen valves have the handle on the top.

For additional assistance call the NOS Technical Department, 8 a.m. to 5 p.m. CST, Monday through Friday at 1-866-464-6553 or for online help, please refer to the Tech Service section of our website: www.holley.com.

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