



## Part #82315 -6AN Nitrous Oxide Purge Kit

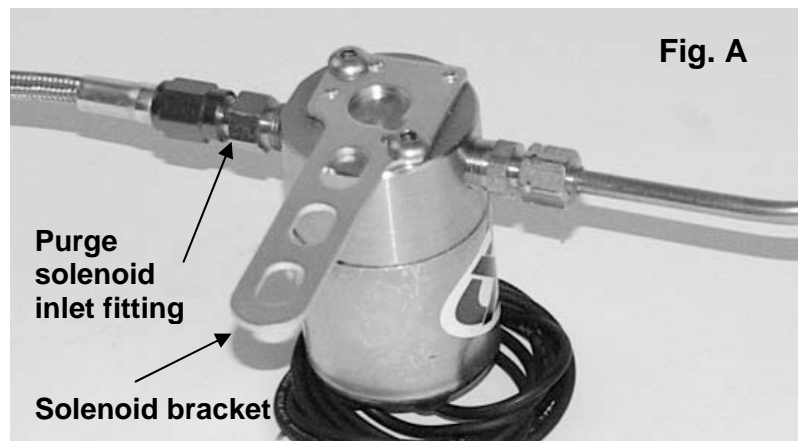
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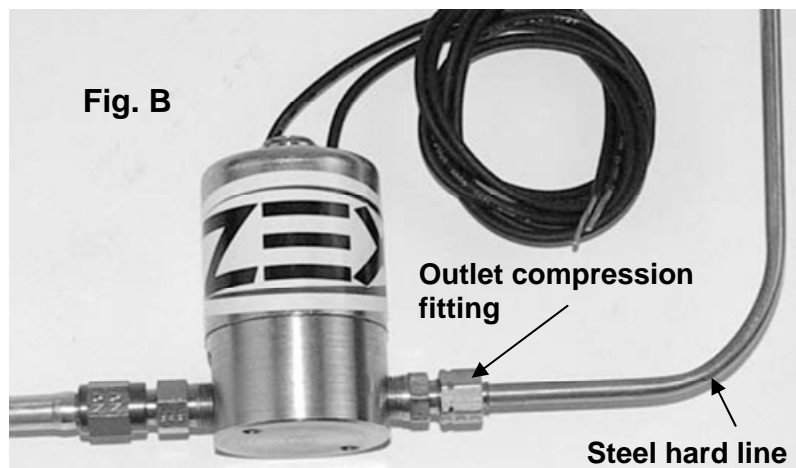
### Installation Instructions:

1. For safety, disconnect the positive (+) and negative (-) cables from the battery while installing the ZEX™ -6AN Nitrous Purge Kit.
2. Disconnect the -6AN main nitrous delivery line coming from the bottle at the nitrous solenoid inlet.
3. Attach and tighten the -6AN inline adapter to the nitrous solenoid's inlet fitting.
4. Install the -3AN, 90 deg. fitting into the 1/8NPT port on the inline adapter.

5. Reconnect the main nitrous delivery line to inlet of the -6AN inline adapter.
6. Install the -3AN straight fitting into the purge solenoid inlet
7. Attach one end of the 2 foot long -3AN delivery lines to the adapter's 90 deg. -3AN fitting and attach the other end to the purge solenoid's -3AN inlet fitting (Fig. A).
8. Find an appropriate place for the solenoid bracket, keeping in mind that you will need to place it in an area that will allow you to route the 12 inch hard-line to your desired nitrous discharge area. Attach the bracket using the two large sheet metal screws included with the kit. Fasten the purge solenoid to the bracket with the two enclosed allen head screws (Fig. A).



9. Bend the hard-line to your specifications and then attach and tighten it to the solenoid outlet compression fitting (Fig. B).



- 10.** Use the enclosed tube clamps and small sheet metal screws to secure the discharge tube in place.
- 11.** Find an appropriate place inside the vehicle's interior for the activation button and drill a 25/64 inch diameter hole.
- 12.** Locate a 12-volt power source wire and splice into it with the red t-tap electrical connector. Attach the .250" wide male electrical connector to a length of the supplied wire and connect it to the t-tap. Install the inline fuse holder and fuse on this wire lead and run the remaining length of wire through the hole you have just drilled for the activation switch. On this end of the wire, crimp on one of the .187 wide female connectors.
- 13.** Cut another length of wire and feed it through the same hole. Attach the end of this wire lead to one of the solenoid wires using a pair of male/female .187 wide female connectors. Attach a .187 wide female connector to the wire end sticking out from the hole.
- 14.** Pull back both wires out of the hole.
- 15.** Attach .187 wide male electrical connectors to the ends of the pushbutton switch wires and insert the pushbutton switch through the mounting hole. Slide the pushbutton lock washer and lock nut over the wires and thread the nut onto the switch and tighten in place.
- 16.** Connect the switch leads to the wire leads.
- 17.** Locate the other solenoid wire and connect it to an appropriate ground.
- 18.** Reconnect your batteries positive and negative cables.
- 19.** At this point, you should hear the purge solenoid click when the pushbutton is depressed. If you do not hear a click, re-inspect your wiring and retest until proper operation is observed.
- 20.** Open your nitrous bottle to pressurize the system's delivery lines and inspect the purge lines for any signs of leakage. If no leakage is found, press the pushbutton switch a few times and observe the purge spray to verify correct operation.