INSTRUCTIONS

#82010 Nitrous Oxide Purge Kit

Thank you for choosing ZEX™ products; we are proud to be your manufacturer of choice. Please read this instruction sheet carefully before beginning installation, and also take a moment to review the included limited warranty information.

Installation Instructions:

1. For safety, disconnect the positive (+) and negative (-) cables from the battery while installing the ZEX™ nitrous purge kit.

2. Disconnect the -4AN main nitrous delivery line coming from the bottle at the nitrous management unit or solenoid inlet if it is a non-ZEX system (Fig. A).

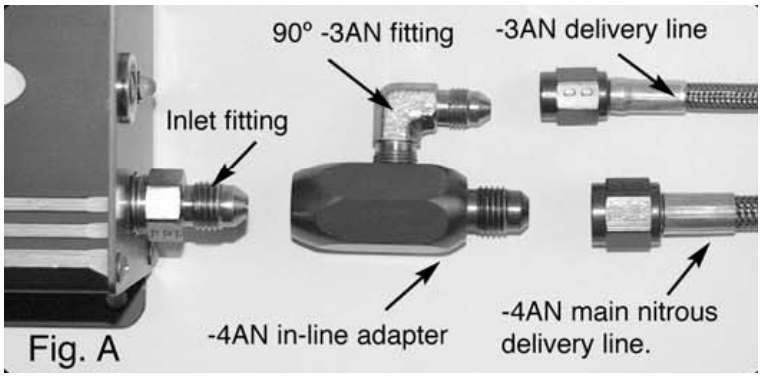

Fig. A

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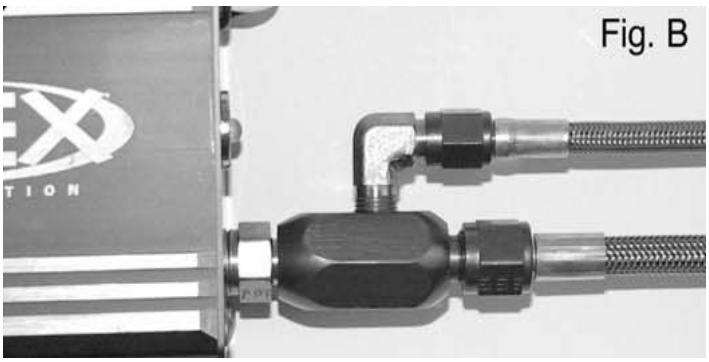
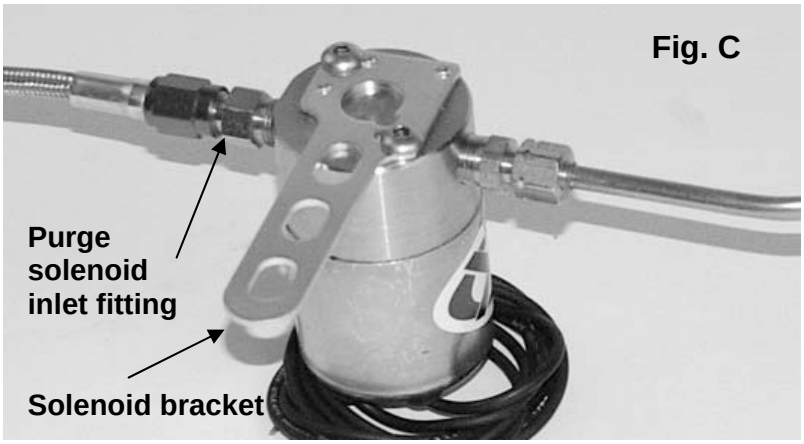
3. Screw on and tighten the -4AN inline adapter to the NMU's inlet fitting or solenoid inlet if a non-ZEX system. At this point, you may turn the inlet fitting with the inline adapter tightened to it, clockwise, to achieve the desired inline adapter position. The inlet fitting uses a pipe thread, so the additional turning in the clockwise direction should be kept to a minimum. Do not overtighten the inlet fitting (Fig. B).



4. Reconnect the main nitrous delivery line to inlet of the -4AN inline adapter.

5. 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 inlet fitting (Fig. C).

6. 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 brass 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. C).



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

8. Use the enclosed tube clamps and small sheet metal screws to secure the discharge tube in place.

9. Find an appropriate place inside the vehicle's interior for the activation button and drill a 25/64 inch diameter hole.

10. Locate a 12-volt 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.

11. 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.

12. Pull back both wires out of the hole.

13. 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.

14. Connect the switch leads to the wire leads.

15. Locate the other solenoid wire and connect it to an appropriate ground.

16. Reconnect your batteries positive and negative cables.

17. 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.

18. 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.

Limited Warranty

ZEX™ warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of (1) one year from the date of purchase. This **limited warranty** shall cover the original purchaser.

ZEX's obligation under this warranty is limited to the repair or replacement of its product. To make a warranty claim, the part must be returned within (1) one year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect.

It is the responsibility of the installer to ensure that all of the components are correct before installation. We assume no liability for any errors made in tolerances, component selection, or installation.

There is absolutely no warranty on the following:

A) Any parts used in racing applications;

B) Any product that has been physically altered, improperly installed or maintained;

C) Any product used in improper applications, abused, or not used in conjunction with the proper parts.

There are no implied warranties of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond the description of the face hereof. ZEX™ will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law. Where required by law, implied warranties or merchantability and fitness are limited for a term of (1) one year from the date of original purchase.

This warranty gives you specific legal rights and you may also have other legal rights, which vary from state to state.