

DynoTune NITROUS SYSTEMS

Congratulations on your purchase of the finest nitrous purge kit available.

Please read all the instructions and warnings so your purge system will perform as designed for years of trouble free use. The purpose of the Purge is to remove all the gaseous nitrous and air from the main feed line near the solenoids. This will eliminate any bogs or hesitations when the Nitrous is activated, as it will hit much harder meaning more power, quicker.

Note: Always wear safety glasses when working on your car. Before you begin make sure that the bottle valve is closed and the main nitrous line is empty. Liquid nitrous can cause serious burns or frostbite if it sprays on your skin! If your not sure the line is empty, wear a glove and crack the line at the bottle and slowly let the Nitrous leak out of the lines.

- 1) Disconnect your feed line to your existing nitrous solenoid.
- 2) The goal is to tap into the nitrous feed line just before your existing solenoid
- 3) The DynoTune purge system comes partly assembled to show typical installation configuration but it will vary from system to system. Assemble the 1/8" NPT union into the Nitrous Purge solenoids "IN" port. Use Teflon paste on all "NPT" threads as tape will cause problems if it breaks off and get caught inside solenoids or jets!
- 4) Install the plastic purge tube compression fitting into the DynoTune nitrous solenoids "OUT" port. Install the purge tube as follows: remove the nut on the fitting being careful that there is a 1/2" long brass tube inside that will be loose!
 - a. Install the nut over the plastic purge tube.
 - b. Slide the 1/2" long metal tube all the way into the plastic purge tube.
 - c. Tighten the nut firmly. If the nut is not tight the plastic purge tube may blow off during the purge, as there is a lot of pressure and flow out the plastic purge tube.
- 5) Install the bottle adaptor (part with red cap on it) onto the 4AN Fitting on the existing Nitrous solenoid. This is where the Nitrous feed line use to go. Make sure you have the Nitrous purge solenoid port facing the direction you want!
- 6) Install the DynoTune Purge solenoid to the "Bottle adaptor"
- 7) After everything is checked and tight, slowly open the bottle and allow nitrous to enter the system. Check for leaks at all joints and repair if leaks are found.
- 8) Route the plastic purge tube to the location of your choice. Make sure it is securely fastened down, as the high pressure during purge will make the plastic purge tube act like a loose fire hose!
- 9) Wire the Purge solenoid as follows:
 - a. Hook one side of the switch to a fused 12Volt source (probably at the fuse box) and the other end of the switch to one of the Dynotune purge Solenoid's wires. It does not matter which wire as it is has no polarity.
 - b. Hook the other wire on the Purge solenoid to Ground.
- 10) Your ready to test your new DynoTune Purge system, turn you power on, press the purge button and verify that you can see the Nitrous come out in liquid form. Once liquid nitrous comes out the plastic purge tube your ready to rock! Make any adjustment to the plastic purge tube at this time, verify that it is secure and remember, Nitrous burns so watch your shin and eyes!!

Note: All Nitrous systems are designed to operate at 900-950PSI bottle pressure, excessive pressure can damage solenoids or cause dangerous conditions so please keep that pressure in check!!