



MPS Nitrous Purge Kit

The MPS Nitrous Purge Kit was designed to allow the rider to purge the nitrous bottle to lower the bottle pressure and remove any air from the nitrous lines.

Mounting – Remove the –4 line from the nitrous solenoid. Install the purge solenoid between the feed line and the nitrous solenoid using the –4 adapter provided. Find a good spot to mount the purge switch on the dash cowl. Mount the switch by drilling a ¼” hole in the cowl for the switch. Push the switch through the cowling from the bottom and screw on the guard. Push the plastic push button on the shaft. It should snap in place.

Plumbing – Cut one end of the provided 1/8” O.D. poly line squarely with a razor blade. Push the line as far into the fitting as it will go. Pull out to lock the line in place. To remove the line from the fitting, push down on the retaining ring on the fitting and the line. While holding down the retaining ring pull the line out of the fitting. Now route the line out to where you want nitrous to exit the bike. You can drill a small hole in the plastic and push the line through it. Use a dab of silicone seal to keep it in place.

Electrical – Connect one of the two black wires on the purge solenoid to a good ground using the ring connector provided. Connect the remaining purge solenoid wire to the green wire on the pushbutton switch with the butt connector provided. If you want the purge to work without the key on, connect the red from the push button directly to the positive terminal of the battery with the ring connector provided. If you want the purge to work only with the key on, connect the red from the push button directly to a switched 12 volt power source like the tail light lead. The blue wire on the push button switch is not used in this application.

Testing the Purge Kit – Turn on the nitrous bottle slowly and check for leaks. If no leaks exist you can push the purge button quickly and release. You should see nitrous come out the end of the 1/8” line.

If you have any more questions we have a Frequently Asked Questions page at our web site as well as the telephone tech support. Thank you for your purchase of this MPS product. All products sold by MPS are for use at closed course competition events and not for use on public streets or highways.