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Co2 Fake purge system

Please read all the instructions and warnings so your co2 purge system will perform as designed for years of trouble free use.

WARNING: Always wear safety glasses when working on your car. Before you begin make sure that the bottle valve is closed. Liquid CO2 can cause serious burns or frostbite if it sprays on your skin! An over pressurized bottle can cause a hazardous situation.. Use Teflon sealer on all Pipe fittings.

- 1) Mount the bottle in a location that's easy to reach and never in the direct sun! Mount the bottle up side down with the valve being the lowest point so all the liquid can come out of the bottle. Failure to mount the bottle upside down will cause the purge to only make a hiss sound.
- 2) Attach the 4AN fitting to the bottle outlet. Attach the 4AN swivel to the solenoid. Note: The swivel end that rotates is a quick disconnect feature and does not use Teflon paste for sealing!
- 3) Attach the Tube Compression fitting to the outlet of the solenoid.
- 4) Attach the Purge tubing to the Compression fitting. Run the Purge tube to the location where you will want to purge out of. You can cut the purge tubing any length you want. Do not plug the line with anything at the end as the CO2 needs to flow freely or the tube may burst. Try to keep the tubing length 5 feet or shorter for the best effect! Secure the end of the purge tube in place.
- 5) Wire the Switch and solenoid as shown in the schematic on the next page.
- 6) Open the valve and check for leaks. (Note: The valve may leak slightly while opening the valve. If it does not stop leaking after the valve is open shut it off and fix the leak! Never allow the CO2 to leak into the car or affixation may occur. Always place the bottle label on the bottle.
- 7) Press the purge button and the system should purge a large plum of white mist. Note, if the bottle is to warm the effect will not be as spectacular.
- 8) Bottle warnings: Follow all warnings on the bottle and bottle label. Fill with co2 only.
- 9) Filling the bottle: The liquid in the bottle is what makes the white plume! Filling with CO2: Remove the solenoid at the quick disconnect, remove bottle. Use the supplied adaptor and go to your local paintball store. Freeze the Tank before going to the paintball store. Try and keep it frozen during the trip in a cooler as this will allow the maximum liquid to be put into the bottle! The pressure in the bottle should not go over 1200PSI or the Solenoid may not open, again, do not let the bottle sit in a hot car or direct sunlight. Remember, CO2 can burn your skin as its super cold!
- 10) **Do not let the solenoid turn on without co2 flowing through them for more than 10 seconds or the Solenoid coil will melt and the fuse will blow.**



**Battery
12 Volts**

14 to 16 AWG wire only!

20-25A slow blow fuse for 175hp

**PURGE
Momentary
Switch**

Solenoid

14 to 16 AWG wire only!

To Chassis Ground

DISCLAIMER:

DynoTune Inc. may not be held responsible for any damages, how so ever caused, to any persons or equipment during the installation and or operation of this product. DynoTune Inc. Products are meant for OFF-ROAD use only, and make no claims as to this products ability to meet local safety or emissions laws.