



INSTALLATION INSTRUCTIONS

Thank you for purchasing genuine Design Engineering, Inc. products. Be sure to always wear the proper safety equipment when installing any DEI product. Design Engineering Inc. WILL NOT BE HELD LIABLE FOR IMPROPER INSTALLATION OR USE OF THIS PRODUCT. Please follow all instructions provided. If you are unsure of any installation procedure, please contact a certified technician.

DESCRIPTION: 080303
CryO2 Dual Purge Kit

KIT CONTENTS:

Qty 1 - Purge Tube Assembly
Qty 1 - Solenoid Valve
Qty 1 - 2' ft. 1/8" M NPT x -4 Male Line
Qty 2 - 1/8" NPT Male to 1/8" NPT Male Fitting
Qty 1 - 1/8" NPT Y Block
Qty 1 - 1/8" NPT -4AN Male Fitting

NOTES:

Additional mounting hardware may be needed to mount solenoids and the purge assembly. Do not test or use the purge without mounting the purge assembly. The pressure, when released, will move the assembly violently and could cause damage to the vehicle. Sealant should also be used on all NPT connections.

NOTE OF CAUTION: Wear eye and hand protection when installing all materials. CO2 when released at high pressure is extremely cold. Do not let it come in contact with skin.

STEP 1. Determine a suitable area for the purge assembly.

STEP 2. Remove the -4 fitting from your existing solenoid. Place that into one end of the Y block. Reconnect your feed line to this fitting.

STEP 3. Install both 1/8" x 1/8" male NPT fittings into both remaining ports of the Y block.

STEP 4. Mount both solenoids to the 1/8" fittings on the Y block. Both should be installed into the "in" ports of the solenoids.

STEP 5. Install the 1/8" NPT end of the line to the "out" port of the purge solenoid.

STEP 6. Place the remaining -4 x 1/8" NPT fitting into the dual purge tube assembly.

STEP 7. Connect the -4 end of the line to the purge tube assembly and mount. Be aware of the pressure that is going to be released out of the tubes. This can cause the purge assembly to move dramatically. Mount accordingly.

STEP 8. Determine your path of wiring and connect the solenoid to a switch. Blue is POSITIVE. Black is GROUND.

STEP 9. Test the Dual Purge Kit for leaks and reseal if needed.