

Design Engineering, Inc.

604 Moore Road
Avon Lake, OH 44012



Installation Instructions

CryO²™ Purge Kit

PART NO. 080302 (single) - 080303 (dual)

KIT CHECKLIST	
1	Purge Valve Assembly - Single / Dual
1	Solenoid Valve
1	2' ft. Stainless Steel Hose
1	1/8" NPT Male to 1/8" NPT Male Fitting
1	1/8" NPT Male Y Block
1	1/8" NPT -4AN Male Fitting

NOTES
A line splitter is required if used with CryO ² Intercooler Sprayer. Contact tech support prior to installation to make sure you have the correct configuration.

DIRECTIONS

- 1 - Installation of CryO² system and tank required before starting this installation.
- 2 - Determine a suitable area for the purge assembly and securely mount it into place.
- 3 - Install two 1/8" NPT Male to -4AN Male fitting into two ends of the Y Block then install one 1/8" NPT Male to 1/8" NPT Male union on the remaining opening on the Y Block.
- 4 - Reconnect the supply line to one of the 1/8" NPT Male to -4AN Male fittings (See 1).
- 5 - Thread the 1/8" NPT Male to 1/8" NPT Male Union on the Y Block (See 3). Then reattach the existing CryO² System Solenoid to the other end of the 1/8" NPT Male Union.
- 6 - The 2' Stainless Steel Hose will be attached to the other 1/8" NPT Male to -4AN Male fitting (See 2)
- 7 - Thread the NPT end of the 2' Stainless Steel Hose into the IN port of the solenoid provided in the Purge Kit.
- 8 - Attach the Purge Valve Assembly to the OUT port of the supplied solenoid in the the Purge Kit and secure the Purge Valve Assembly, Solenoid, and Stainless Steel Line.
Wire the Purge Systems Solenoid to the existing prime button switch in conjunction of the existing solenoid. When the prime button is pressed, it will open both solenoids. An extra push button will need to be purchased to activate the purge should you decide it to be independent from the other CryO² components.
- 9 -
- 10 - Extra care must be taken when mounting the Purge Valve Assembly. The force at which the CO² exits could cause the valve to move violently and may cause personal injury and/or damage to your vehicle.

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