



**EDELBROCK INTAKE MANIFOLD**  
**For Chrysler 426-572 GEN II HEMI**  
**Catalog #7524 (Carb) and 75245 (EFI)**  
**INSTALLATION INSTRUCTIONS**

**PLEASE** study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation, it is recommended to have the installation completed by a qualified mechanic. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday.

**IMPORTANT NOTE: Proper installation is the responsibility of the installer. Improper installation will void your warranty and may result in poor performance and engine or vehicle damage.**

**MANIFOLD:** The Edelbrock dual quad manifold for the Gen II (1964-71) 426-572 HEMI engines features a single plane design with dual 4150 style carb flanges and Air Gap with integrated valley pan. The carb flange height and spacing are identical to Mopar Performance's #P5153737 and is a direct bolt-on to vehicles with shaker hoods. Manifolds are compatible with stock style heads but sized for our Edelbrock HEMI 426-572 cylinder heads. Coil bracket #8079 is required to run OE style coil. These manifold are not intended nor legal for street use on pollution-controlled vehicles. It is the responsibility of the end user to verify conformity to a particular racing association's rules regarding manifold dimensions, aligning to a template, etc.

**ACCESSORIES & INSTALLATION ITEMS:** Due to the variety of applications additional equipment may be required for your specific application

**For 7524 Carbureted Manifolds**

ITEM	PART NUMBER	NOTES
Carburetor	P/N 1400 - 600 CFM, Electric Choke P/N 1405, 14053, 14054 - 600 CFM, Manual Choke	4150 Style Carb Flange
Carb Dual Quad Fuel Line Kit	P/N 8088, 8091, 80913 or equivalent	

**For 75245 EFI Manifolds**

ITEM	PART NUMBER	NOTES
Throttle Body	P/N 3878 - With Standard GM/Delphi IAC P/N 38783 - With Mototron/Hitachi Linear Style IAC	For 75245 Only. Standard Square-Bore Style Base
EFI Fuel Rail Kit	P/N 3660 - Includes mounting hardware	For 75245 Only. Tapped for -8 AN Fittings
Fuel Injectors	P/N 3686 - Standard Bosch Tall (60mm) Style	Compatible when using #3660 fuel rail kit

**For Both Manifolds**

ITEM	PART NUMBER	NOTES
Intake Gasket	P/N 7278 or equivalent	2.00" x 1.84" Port, .060" Thick
Throttle Linkage	P/N 7094	Progress Throttle Linkage Kit

**INJECTOR WARNING (If Applicable):** It is important to select the appropriate electronic injectors for optimum performance. The injectors must not only match the fuel demands of an engine, but they must also meet the electronic requirements of the engine control unit (ECU). Make sure when installing the injectors onto the manifold that the o-rings of the injectors create a complete seal to prevent any air or fuel from leakage. The same precaution should be applied when assembling the injectors to the fuel rails.

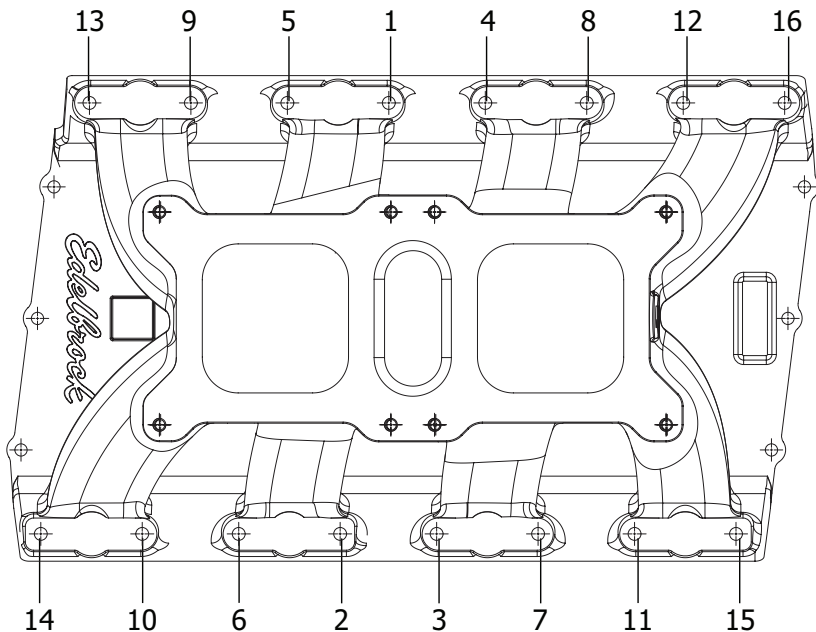
**PORT MATCH:** Depending on engine build, the intake runners may require port matching to the cylinder head port size. Any sharp edges left from port runner enlargement should be radiused and smoothed back into the runner.

## INSTALLATION PROCEDURE

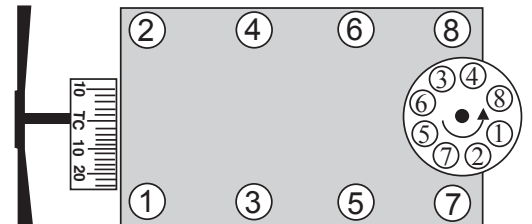
1. Use Edelbrock #7278 Intake Gasket Set, or equivalent, when installing this intake manifold.
2. Fully clean the cylinder head intake flanges and the engine block end seal surfaces.
3. Apply Edelbrock Gasgacinch sealant, PN 9300, to both cylinder head flanges and to the cylinder head side of the gaskets, allow to air dry, and attach the intake gaskets.
4. Do not use cork or rubber end seals. Use RTV silicone sealer instead. Apply a ¼" high bead across each block end seal surface, overlapping the intake gasket at the four corners.
5. Install the intake manifold and hold-down bolts. Torque all of the manifold bolts to 8 ft/lbs using the sequence below (see Fig. 1).  
NOTE: EFI applications need to install the fuel rail stands on mounting locations 9, 10, 11 and 12.
6. EFI applications can insert the appropriate fuel injectors into the manifold provisions and install the fuel rails using the supplied mounting hardware.

**FINAL CHECKS:** After assembling the fuel components (if applicable), support bracket(s), throttle bodies or carburetors, spacer (if needed), gaskets, and air cleaner, check the following:

- Have an assistant depress and release the gas pedal. Check for full open throttle at the throttle bodies or carburetors. Check for any possible interference of the throttle with other components. Make sure the throttle can return without binding.
- Check the fit of each injector (if applicable). They should be able to rotate freely. The O-rings should be fully inside their respective bores.
- If applicable, make sure there will be enough hood clearance after the air cleaner has been installed.
- Activate the fuel pump and check the fuel system for any leaks prior to starting the engine.



**Fig. 1 - Torque Sequence**



**Fig. 2 - GEN II HEMI Firing Order  
1-8-4-3-6-5-7-2  
Turn Distributor Clockwise to Advance Timing**

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