



PERFORMER 4V 60° V6 TOP ONLY

#3789

**Chevrolet, GMC, & AMC Jeep 2.8 Litre 60° V6
(longitudinal mount, non-computer controlled
engines only), 1982 & later
INSTRUCTIONS**

- **PLEASE** study these instructions, and the General Instructions, carefully before installing your new manifold. If you have any questions or problems, do not hesitate to call our **Technical Hotline at: 1-800-416-8628**.
- **EGR SYSTEM:** This manifold top will not accept stock EGR (exhaust gas recirculation) equipment. EGR systems are used on some 1982 and later model vehicles and only in some states. Check local laws for requirements. Not legal for sale or use in California on pollution-controlled motor vehicles.
- **MANIFOLD:** This manifold is designed as a two-piece manifold; the base, or lower part, (#3785), bolts directly to the cylinder heads. The Performer 4V top, #3789, accepts the Holley #0-8007 (390 cfm) 4-bbl. carburetor for use on the street (where legal) or off-road situations. See "Carburetor Recommendations" below.
CAUTION: Performer 4V top #3789 and 4V carburetor is 1.6" taller than stock. It will require hood modifications on Camaros and Firebirds, and hood shimming on AMC Jeep Cherokees.
- **ACCESSORIES & INSTALLATION ITEMS:** Major recommendations are listed below. However, due to the variety of years, makes and models to be covered, please review each part listed in the Installation Items section of the Edelbrock catalog to decide whether more items are required for your specific vehicle than are mentioned in these instructions.
- **POWER PACKAGE:** Edelbrock Performer manifolds are part of a Total Power Package System that can be completed with the use of dyno-matched *Performer-Plus* camshaft #3790 (for non-computer controlled engines only), *Tubular Exhaust Systems*, and related parts specifically designed to give you maximum results. Please refer to the Power Package Guide in the Edelbrock Catalog to select all the components that you need.
- **CARBURETOR RECOMMENDATIONS: CAUTION-**Use only carburetors recommended. If parts required for installation are unavailable locally, contact Edelbrock directly.

CARBURETOR	REFERENCE	PARTS REQUIRED FOR INSTALLATION
Holley 0-8007 (390 cfm 4-bbl.)	*	Linkage kit supplied with manifold. For automatic transmission, stock cable must be replaced with GM #25515598 cable.

*NOTES: 4-bbl. carburetor will not accept factory cruise control.
Edelbrock 6" Pro-Flo Air Cleaner #1209 recommended

• **GASKETS AND SEALANT**

CAUTION: Do not use high performance or competition type intake gaskets for street application. Due to material deterioration under street driving conditions, internal leakage of both vacuum and oil may occur.

1. Use only original equipment type gasket set when installing this manifold for street applications.
2. Apply Edelbrock Gasgacinch sealant #9300, to both sides of the manifold as well as head surfaces. This procedure ensures a good seal.
3. We advise eliminating the end seals. Use RTV Silicone instead. Apply a bead of sealant approximately 1/4" high across the block end seal surface, overlapping the intake gasket at the four corners. This method eliminates end seal slippage and deterioration.

• **MANIFOLD TORQUE**

1. Torque all bolts to 15-18 ft/lbs. See Figure 1 for proper sequence.

• **PARTS SUPPLIED WITH MANIFOLD**

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| 1— L-Bracket; trans kickdown cable | 8— Washers; 1/4" AN (thick) | 1— Hex nut; 10-32 |
| 1— L-Bracket; throttle cable | 5— Washers; 1/4" star (internal) | 1— Washer; 1/4" flat (thin) |
| 1— L-Bracket; mounting | 4— Studs; 8mm x1.25 x 3-3/4" | 1— Washer; 3/16" star (internal) |
| 1— 90° Fitting; 3/8" Pipe | 4— Hex nuts; 8mm x1.25 | 1— Cotter Pin; 1/16" x 1/2" |
| 1— Gasket; manifold top to manifold base | 2— Hex cap screws; 8mm x1.25 x 3/4" | 1— Kickdown cable adapter; 1/4"-20 x 1/2" |
| 4— Hex nuts; 1/4"-28 | 6— Washers; 5/16" AN | 1— Jam nut; 1/4"-20 |
| 4— Hex cap screws; 1/4"-28 x 5/8" | 1— Hex cable adapter; 10-32 x 1/4" shank | |

- **CAMSHAFT AND HEADERS**

Performer manifolds are compatible with aftermarket camshafts and/or headers. Edelbrock has developed a dyno-matched, street proven camshaft, #3790 (for non-computer controlled engines only) which is ground specifically for use with the Performer 60° V6 manifold with 4V top #3789. Edelbrock Tubular Exhaust Systems are available for many applications using the 2.8 Litre V6 engine. Consult the Edelbrock catalog or your dealer for application guidance.

NOTE: Installation of headers, aftermarket camshafts, or both with an Edelbrock manifold may lean carburetor calibration. Should this condition occur, re-calibrate carburetor.

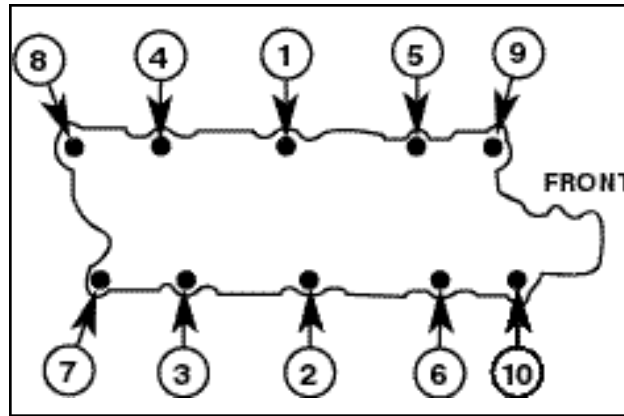


Figure 1
Manifold Tightening Sequence
Tighten bolts to 15-18 ft./lbs.

FIRST STEP: Install base with bolts #7-8-9-10 and snug only.

SECOND STEP: Install top and remainder of bolts and torque all bolts to above diagram.

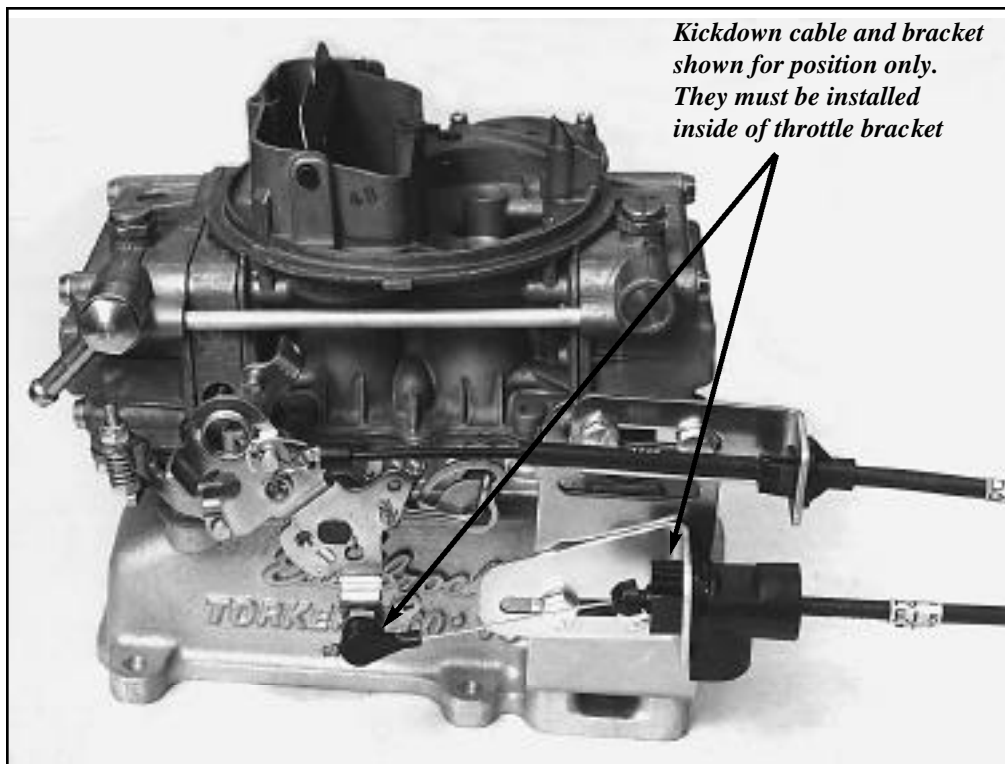


Figure 2
Throttle Bracket Assembly

Special Note: Kickdown cable must be positioned to inside of throttle bracket (opposite of position shown in photo) to clear valve cover.