



BIG BLOCK CHRYSLER VALLEY COVER PLATES  
For B and RB Chrysler Engine Blocks  
Catalog #7798 & 7799

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 or e-mail us at [edelbrock@edelbrock.com](mailto:edelbrock@edelbrock.com).

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

PLEASE complete and mail your warranty card. Be sure to write the model number of this product in the "Part #\_\_\_\_" space. THANK YOU.

DESCRIPTION: These aluminum Valley Cover Plates are designed to cover the lifter valley of Chrysler big block V8 engines when Edelbrock Victor Big Block Chrysler cylinder heads #77919 or 77929 are used. A stock sheet-metal valley cover may not be used with Edelbrock Victor cylinder heads. Part #7798 fits Chrysler RB (413-426 Wedge-440) engine blocks and #7799 fits Chrysler B (361-383-400) engines.

KIT CONTENTS:

- 1 Valley Cover Plate
- 8 1/4-20 x 1/2" bolts
- 8 1/4" Flat Washers

INSTALLATION PROCEDURE

*(NOTE: Install the valley cover only AFTER your Edelbrock cylinder heads have been installed.)*

---

1. Be sure that the mating surfaces of the block and the surface of the cylinder heads that will meet the valley cover are thoroughly clean and free of any oils or debris before installation. Use alcohol or lacquer thinner on a lint-free rag to clean.
2. Apply a continuous, 1/8" bead of automotive RTV silicone sealer to the end sealing surfaces on block and along bottom of intake flange on the cylinder head where it will meet the valley cover.
3. Pay special attention to the corners of the cylinder heads where they meet the end seal surfaces (Use a bit more silicone here).
4. Position the valley cover in place on the engine and install the supplied bolts.
5. Tighten bolts to 10-12 ft./lbs., starting in the center and working your way to the ends.
6. Place the intake manifold in position and torque manifold bolts to 25 ft. lbs., following the factory torque sequence.

Edelbrock Corporation • 2700 California St. • Torrance, CA 90503  
Tech Line: 1-800-416-8628 • E-Mail: [Edelbrock@Edelbrock.com](mailto:Edelbrock@Edelbrock.com)