



INSTALLATION INSTRUCTIONS

Mopar Performance – Intake Manifold Package

Fits 1967-'92 LA 318/340/360 Engines

PART NUMBER P4876334 (SINGLE PLANE), OR P4876335 (DUAL PLANE)

Intake Manifold Kit includes:

- 1 – Aluminum Intake Manifold P4876335 (dual plane), or P4876334 (single plane).
- 1 Set – Intake Manifold Gasket Set.
- 1 - Vacuum Plug.
- 1- Coolant By-Pass Nipple Fitting.

Read all instructions before beginning installation.

Warnings and Cautions

Mopar Performance Parts recommends professional installation by an ASE Certified technician. A torque wrench and specialized removal and installation tools may be required.

Applications

These intake manifolds are designed to fit 1967-'92 318/340/360 "LA" engine with stock style cylinder heads.

General Information

Part number P4876334 is a single plane manifold kit, and P4876335 is a dual plane manifold kit. These manifold kits fit the 1967 to 1992 small block 318/340/360 "LA" engines only. These manifolds will not fit the '67 and older polyshere head engines. These manifolds will not fit the '92 & up 5.2L, and the '93 & up 5.9L Magnum engines (except for the LA replacement heads P5007950 and P5153533 since these heads use "LA" style intake manifold).

The dual plane manifold P4876335 is the same height as most stock intake manifolds and should fit well in most applications. The single plane manifold is taller and may require hood or air cleaner modifications in some applications.

These manifolds feature a large 340/360 port and may create a port mismatch if used w/ 273 or 318 "LA" engine cylinder heads. The single plane intake manifold P4876334 does not have a heat cross-over and this allows the manifold to run cooler and therefore produce more power, but the choke control may require tuning to delay the choke opening during cold weather starts. These manifolds use the 1979 and later small style thermostat and small water neck P4452025.

Special Notes: In most cases a carburetor adapter plate is needed when using a Holley carburetor with these intake manifolds. The dual plane intake P4876335 will need an adapter to move the carburetor upward slightly for throttle linkage clearance and vacuum secondary linkage clearance. The single plane intake manifold

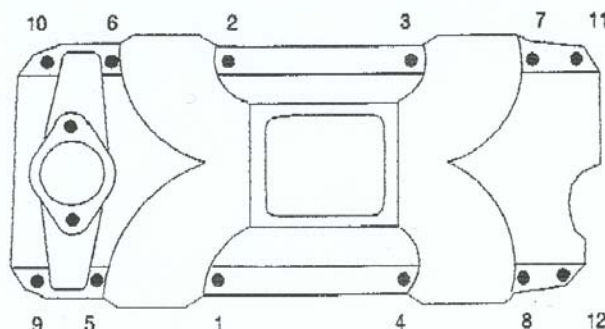
P4876334 will need a spacer to cover the edge of the spread bore carb flange (use spacer P5007869 or similar).

Some Helpful Hints to Aid in Your Installation of the Manifold

- 1) Drain the coolant from the radiator and remove the thermostat to allow the block to drain before loosening the intake manifold.
- 2) Prior to installing the new intake manifold, clean all of the mating surfaces to remove any old gasket material and all grease and oil. Apply a ¼" bead of silicone gasket sealant to the 4 "corners" where the foam end seals meet the paper gaskets.
- 3) Use a washer on the manifold bolts (this is a good idea on any aluminum component).
- 4) Use a three step procedure to torque the intake bolts to 35 ft/lbs. Torque the bolts to 20 ft/lbs first, then 30 ft/lbs, and finally 35 ft/lbs. (Use the torque sequence shown below)
- 5) If you have any questions contact the Mopar Performance Tech Line at (888) 528-HEMI (4364) – 9:00AM to 5:00PM M-F Eastern Standard Time.

NO PARTS WARRANTY – "AS IS"

Mopar Performance parts beginning with a "P" prefix are sold "as is" unless otherwise noted. This means that parts sold by Mopar Performance carry no warranty whatsoever. **Implied warranties, such as warranties of merchantability, are excluded.** (An implied warranty of merchantability means that the part is reasonably fit for the general purpose for which it was sold). The entire risk as to quality and performance of such parts is with the buyer. Should such parts prove defective following their purchase, the buyer and not the manufacturer, distributor or retailer, assumes the entire cost of all necessary servicing or repair. Chrysler, Dodge and Jeep® vehicle and parts warranties are voided if the vehicle or parts are used for competition. The addition of performance parts does not by itself void a vehicle's warranty. However, added performance parts (parts not originally supplied on the vehicle from the factory) are not covered by the vehicle's warranty, and any failure that they may cause is also not covered by the vehicle's warranty.



Intake Manifold Bolt Tightening Sequence