Haytalras

Performer RPM Intake Manifolds
For 315W Ford Engines
Catalog #4033

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 in stallation, it is recommended to have the installation completed by a qualified mecha nic. If you have any questions, please feel free to contact us by email **haytalras@gmail.com**

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.

DESCRIPTION: Please refer to the main Manifold Instruction Booklet provided with this manifold for general instructions for removal of your old manifold and the installation of the new manifold. This addendum addresses those special issues that apply specifically to the 351W manifold.

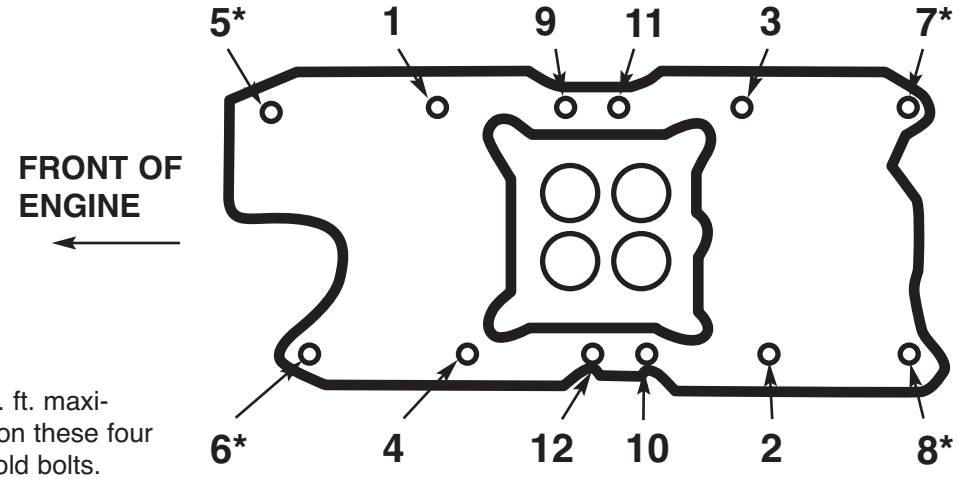
- **Special Notes on Early Windsors:** 351W intake manifolds have a 12-bolt intake manifold pattern, but they can be used on 1974 and earlier small-block Ford Windsor heads having a 16-bolt pattern. When using our manifold on 16-bolt heads, you have to use a 16-bolt intake gasket to ensure proper sealing around the water ports on the heads.

- **EGR SYSTEMS:** This manifold will not accept stock EGR equipment. EGR systems are used on some 1972 and later vehicles but only in some states. Check local laws for requirements.

- **Recommended Intake Gasket:** Due to various changes in Ford cylinder heads, not all intake gaskets will work with this manifold. To assure that you have the right gasket, we recommend the use of Fel-Pro #1250. Use of other gaskets may result in water leaks. This gasket with this manifold will fit any 351W head.

- **Manifold Bolt Tightening Procedure:** Some heads have provision for 12 manifold bolts and some use 16 bolts. This manifold uses 12 bolts. Install all 12 bolts and torque to 10 lb. ft. Follow torque sequence shown below. Then using same sequence, tighten to 15 lb. ft. Again, following torque sequence, tighten ONLY THE INSIDE 8 BOLTS to 25 lb. ft. Note that the corner four bolts (numbers 5, 6, 7, and 8) are not supported by a cylinder head and tightening them beyond 15 lb. ft. could result in cracking or breaking the manifold.

- **Special Features:** These manifolds have several special features not found on the stock manifold or most aftermarket manifolds. One feature is the addition of two tapped water ports in the back portion of the manifold. These holes are 3/8-14 NPT and must be plugged with pipe plugs if not used. Or you may find it more advantageous to position your temperature gauge sending unit in one of these back ports to avoid running wires to the front of the engine. Additionally these manifolds feature a rear water crossover passage (except 54126/54127). This provision can help provide a cooler operating engine with better water circulation.



*15 lb. ft. maximum on these four manifold bolts.

MANIFOLD BOLT TIGHTENING SEQUENCE

Note: Please follow this tightening sequence and be sure to read instructions given above