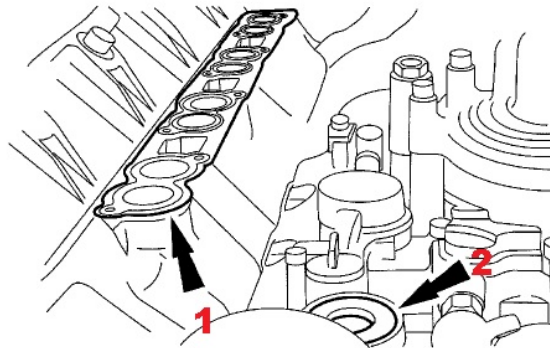


Intake Manifold Installation for 2002-2010 Ford 6.0L Diesel Engines

The AERA Technical Committee offers the following information regarding intake manifold installation for 2002-2010 Ford 6.0L diesel engines. This information should be considered anytime engine assembly is being performed.

Follow the steps listed below to properly install the intake manifold for these engines. It is important to note while installing the manifold base gaskets that the locating tabs on the gaskets must be up and positioned toward the center of the engine or a leak will occur.



- 1. BASE GASKET TABS UP**
- 2. FRONT MODULE O-RING**

Figure 1. Intake Manifold Gasket Installation

1. Install the intake manifold gaskets and front module O-ring seal as shown in Figure 1.
2. Install the intake manifold and bolts and tighten in 3 stages, in the sequence shown below in Figure 2.
3. Loosely install bolts 1-8 and then torque in sequence to 8 FT/LBS (11 Nm)
4. Loosely install bolts 9-16 and then torque in sequence to 8 FT/LBS (11 Nm)
5. Tighten all bolts AGAIN to 8 FT/LBS (11 Nm) in sequence.

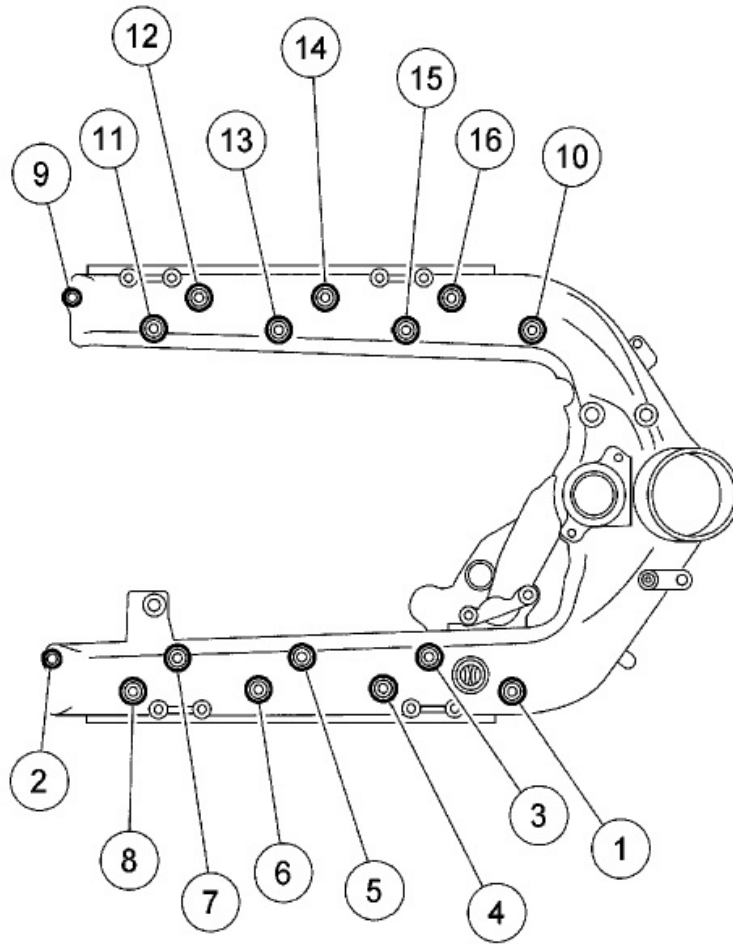


Figure 2. Intake Manifold Bolt Torque Sequence