



GM 3.1L & 3.4L LOWER INTAKE GASKET

Caution for 1993-2005 GM 3.1L & 3.4L

VIN E, J & M Engines

Federal-Mogul Document #1430

When selecting lower intake gaskets on the 1993-2005 GM 3.1L & 3.4L engines you should always first use the vehicle application to identify the proper gasket set. Different gaskets are used for the two engines but they appear very similar. However the subtle differences in the gaskets will cause vacuum leaks and oil burning if the wrong gasket is used. One cannot be substituted for the other.

Pay close attention to proper fit when installing the lower intake manifold gaskets on these engines or you will suffer leakage problems. Do not assume the gaskets supplied are correct until verified for proper fit. Some of these cylinder head castings carry the same casting numbers so it cannot be used as a positive identification of applications in all instances. This can cause confusion when working on an engine that has had the cylinder heads swapped from another engine.

Use the center port height and the position of the locating pin to properly identify the required gasket set.

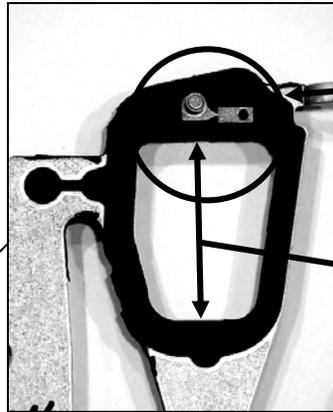
The 1999-2005 3.1L VIN "J" uses Fel-Pro gasket **MS98003T** and has a tall intake port height of .850" (21.590 mm) with the **locating pin offset** from the center of the center intake port as shown (bottom) on the next page.

The 1996-2005 3.4L VIN "E" uses Fel-Pro gasket **MS98003T** and has a tall intake port height of .850" (21.590 mm) with the **locating pin offset** from the center of the center intake port as shown (bottom) on the next page.

The 1993-1999 3.1L VIN "M" uses Fel-Pro gasket **MS98004T** and has a short intake port height of .750" (19.050 mm) with the **locating pin centered** over the center intake port as shown (top) on the next page.

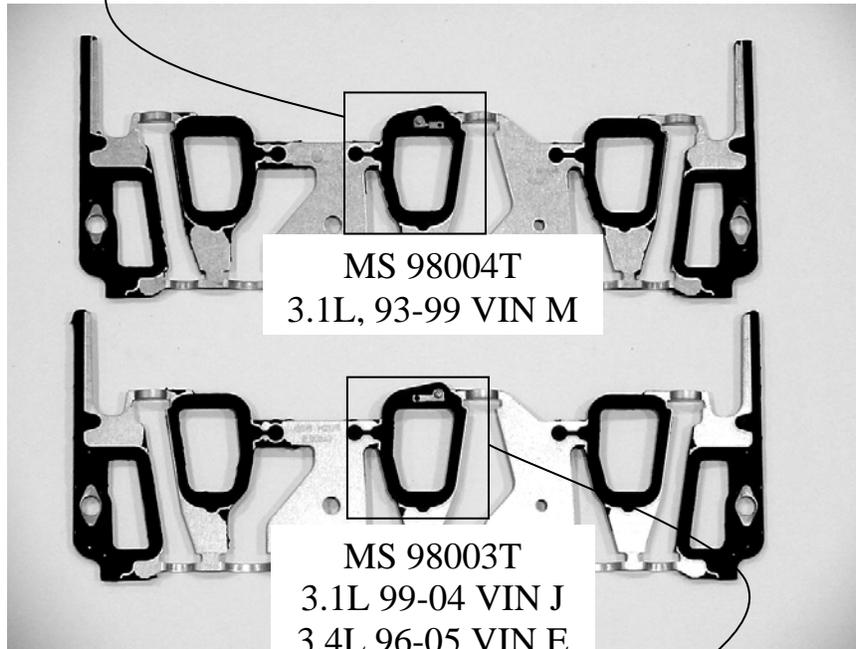
INSTALLATION TIP: The locating pin often breaks off the plastic carrier type gasket being replaced. Be sure to clean out the locating pin holes in the heads to remove the old broken pins and any debris. Failure to clean these holes will prevent the new locating pin from seating properly in the hole (allowing the gasket to set flat against the head) and will result in failure of your new gasket.

GM 3.1L & 3.4L INTAKE GASKET IDENTIFICATION



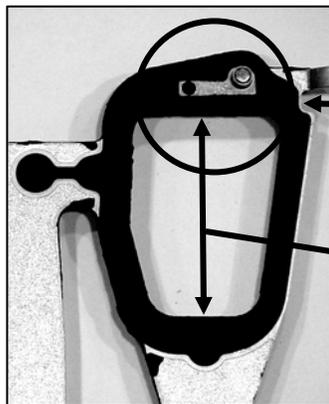
Locating Pin
Centered
over port

Short Port Size
Approximately
.750"



MS 98004T
3.1L, 93-99 VIN M

MS 98003T
3.1L 99-04 VIN J
3.4L 96-05 VIN E



Locating Pin
Offset over port

Tall Port Size
Approximately
.850"