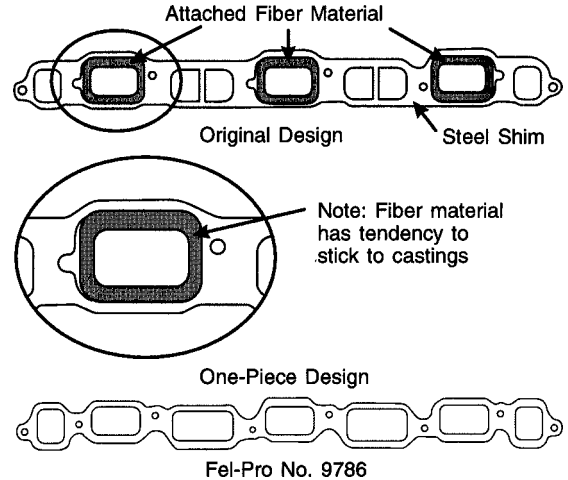




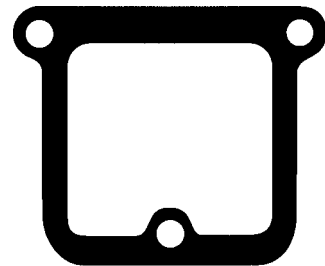
## FEL-PRO INSTALLATION TIPS

Fel-Pro products are the result of exhaustive research and strict quality control. However, no sealing product is better than the quality of its installation.

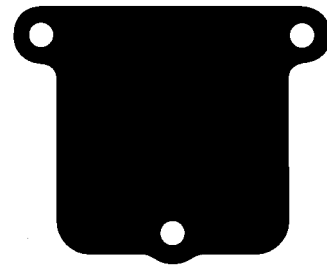
### INTAKE AND EXHAUST MANIFOLD GASKETS



The Intake/Exhaust manifold gasket included in this set is a one-piece design which may appear different from the original gasket being removed. The new one-piece gasket has steel faces on both sides with fiber in the center, as well as non-split exhaust ports for multi-year coverage.



**GASOLINE**



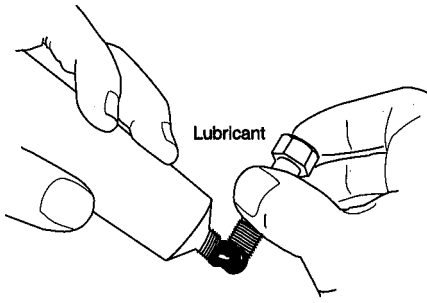
**LPG**

This set contains 2 intake-to-exhaust gaskets. The **Opened Port** gasket is for gasoline engines; the **Closed Port** gasket is for LPG engines.

**REMOVE MANIFOLDS** from cylinder heads. **IMPORTANT:** You must disassemble the intake manifold from the exhaust manifold to allow for corrected realignment of the manifold to the cylinder head during reassembly.

**CLEAN MATING SURFACES** of all foreign material including old gaskets, RTV and oil. You may wish to use a degreaser.

**CHECK MANIFOLD CASTINGS** for flatness of gasket surface. Resurface or replace if severely distorted.



Lubricant

**CLEAN ALL THREADS** by using a wire brush for bolts and studs, tap all bolt holes and stud nuts. Apply a high temperature anti-seize lubricant to the bolt and stud threads.

**REASSEMBLE MANIFOLDS.** Install the intake-to-exhaust gasket between the intake and exhaust manifolds. If gasket is steel faced on one side and fiber on the other, install steel faced side toward the exhaust manifold. Only finger tighten the manifolds together.

#### ATTACH AND ALIGN GASKET(S) TO CYLINDER HEAD(S).

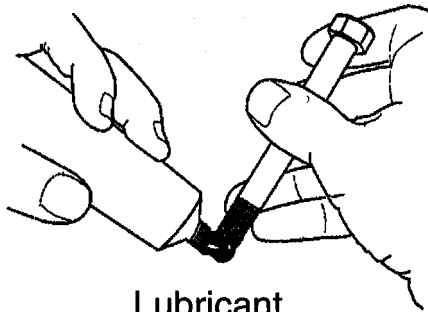
This gasket can only be installed one way.

**REINSTALL INTAKE AND EXHAUST MANIFOLD ASSEMBLY** to cylinder heads. Torque securely to OEM specifications.

Now torque the intake manifold exhaust connection to OEM specifications. Over-torquing can fracture the manifold or cause the bolts and studs to break.

### EXHAUST PIPE FLANGE AND E.G.R. VALVE BOLTS

**CLEAN MATING SURFACES** of all foreign material. You may use a degreaser.



Lubricant

**CLEAN ALL THREADS** by using a wire brush for bolts and/or studs. Apply a high temperature anti-seize lubricant to the bolt and/or stud threads.

#### ATTACH AND ALIGN GASKET.

**REINSTALL EXHAUST PIPE FLANGE AND/OR E.G.R. VALVE GASKET(S) TO ENGINE.** Torque securely to OEM specifications. Over-torquing can cause the bolts and studs to break.

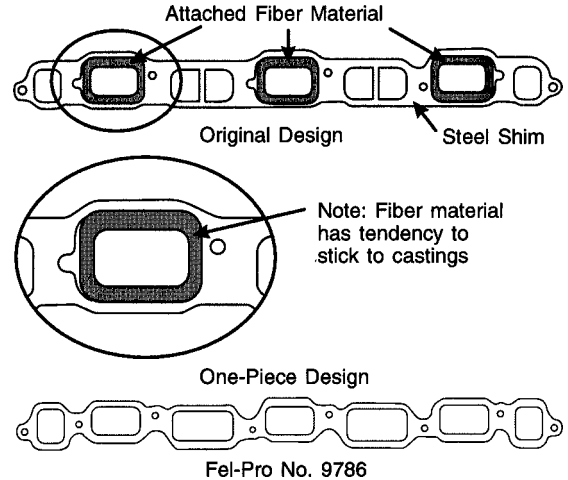
**TEST RUN ENGINE.** Check all mating areas thoroughly to determine that all seals hold during operation.



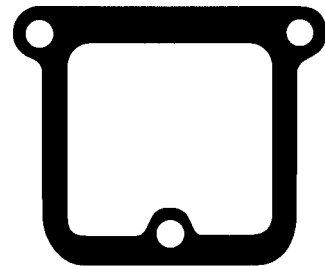
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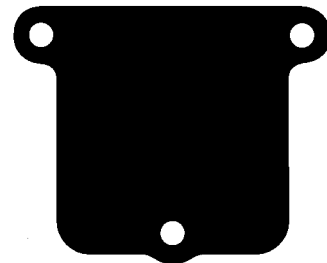
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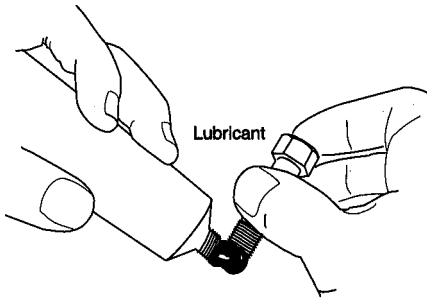
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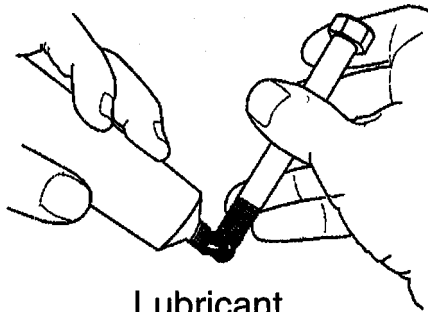
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