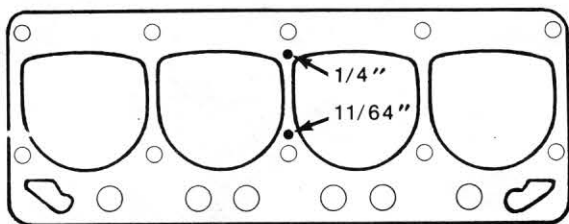




FEL-PRO INSTALLATION TIPS

A HEAD GASKET

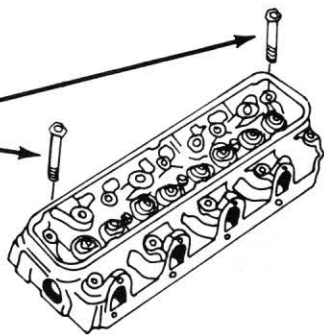


Recommended Modification of heads and block for improved cooling of early production engines by addition of water holes. If these holes are not already in heads and block:

1. Mask castings so steel chips will not enter bores or other passages.
2. Use new head gasket as template locating head gasket with dowel pins. Locate center of new holes for added waterways on center line of block and heads.
3. Drill $\frac{1}{8}$ " diameter pilot holes in heads and block at all locations into water jacket.
4. Enlarge upper holes to $\frac{11}{64}$ " diameter (Intake Manifold Side) in both heads and block.
5. Enlarge lower holes to $\frac{1}{4}$ " diameter (Exhaust Manifold Side) in both heads and block.

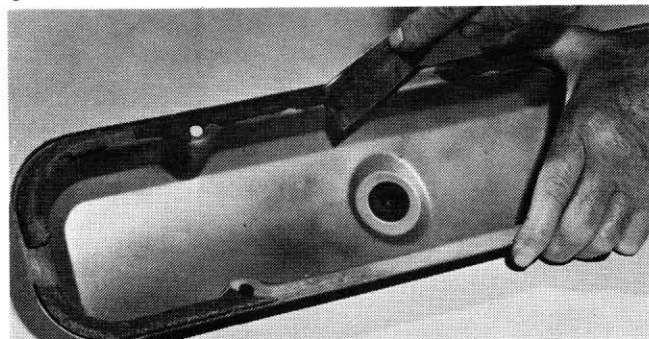
Coolant can now circulate from block to heads between center cylinders on each bank.

NOTE:
INSTALL TWO LONGEST
CYLINDER HEAD BOLTS
AT ENDS.



B VALVE COVER GASKET, PUSH ROD COVER GASKET

You are installing the finest gaskets made—the result of exhaustive research and exacting manufacture. But no gasket is better than its installation!



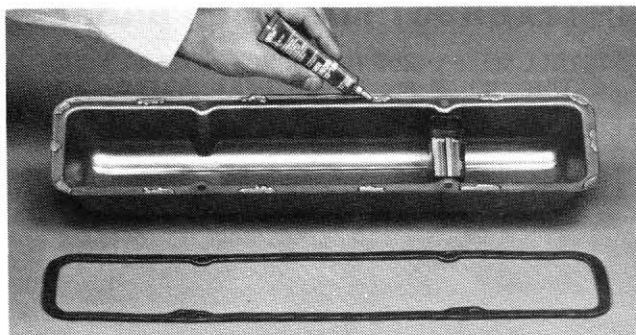
1. CLEAN SURFACES OF FOREIGN MATERIAL —

Accumulation of foreign particles of any kind can form channels through which oil can travel.



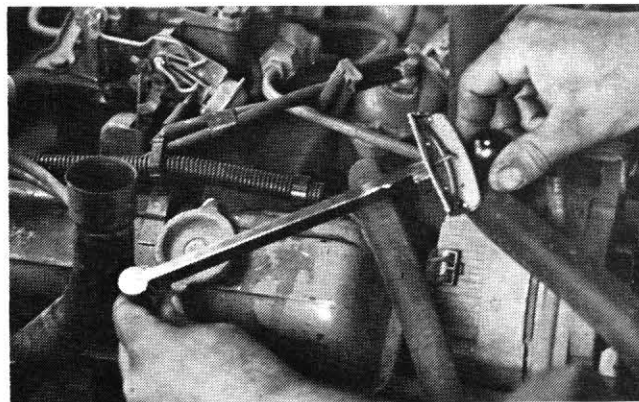
2. STRAIGHTEN METAL FLANGES — Check cover by visual sighting or straightedge method. Straighten as required. Severely distorted covers should be replaced.

3. WIPE OFF EXCESS OIL — Wipe excess oil from mating surfaces prior to installation of gasket; clean oil return holes in the cylinder head.



4. ADHERE GASKET TO SHEET METAL — Affix gasket to cover with good adhesive (PRO LINE® FEL-COBOND® 205) wherever possible, usually to outer edge of cover, in radius of skirt. Allow ample time for adhesive to set.

5. ALIGN GASKET PROPERLY — Check fit alignment of gasket to mating surfaces.



6. AVOID OVER-TORQUING — Excessive tightening is destructive! Visible distortion of sheet metal cover is indication of over-torquing.

7. TEST RUN ENGINE — Thoroughly check all sealing areas to insure perfect sealing.

You have properly installed **FEL-COPRENE®**, the gasket material designed to meet today's automotive needs.

- cont'd on reverse side -

C WATER OUTLET

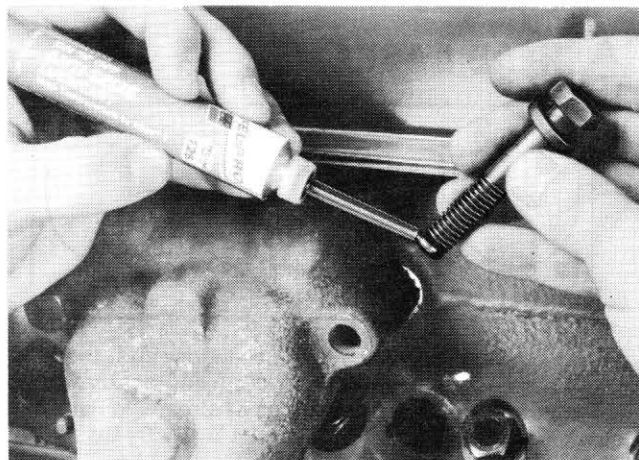


To hold gasket in place during assembly, apply a thin even film of a good general purpose sealer, such as PRO LINE® BRUSH TACK® or PRO LINE SPRAY TACK® to both sides of the gasket.

D EXHAUST MANIFOLD GASKETS

INSTALL METAL SIDE OF GASKET TOWARD MANIFOLD CASTING. WHEN REUSING A HEAT SHIELD, GASKETS MUST BE INSTALLED BETWEEN MANIFOLD CASTING AND HEAT SHIELD.

E EXHAUST PIPE FLANGE MOUNTING BOLTS, EXHAUST MANIFOLD BOLTS



To prevent seizing and galling, apply a high performance lubricant, such as PRO LINE® ON 'N' OFF®, to bolt threads.

NOTE:

As a convenience, this set may be designed to fit more than one vehicle. If so, you may have additional parts left over after you have completed the installation.



"Where Sealing is a Science"®