



## FEL-PRO INSTALLATION TIPS

### GENERAL INSTRUCTIONS

**CLEAN MATING SURFACES.** Use a degreaser.

**CLEAN THREADS** of bolts/studs; for nuts/threaded holes use a bottoming tap.

**BOLT PREPARATION:** Those **entering** coolant passages require a pliable non-hardening sealer on threads and underside of bolt heads. Those **not entering** coolant passages require oil on threads and underside of bolt heads. **Exhaust Assembly:** Apply high temperature anti-seize lubricant to threadings.

**CHECK CASTINGS** for flatness. Straighten, resurface or replace if needed. **CYLINDER HEAD AND BLOCK:** Refer to OEM manual to determine flatness tolerances and resurfacing limitations.

**FINAL ASSEMBLY:** Torque all fasteners to OEM specifications unless noted. **CYLINDER HEAD** torquing is critical; we recommend that you confirm with OEM.

### VALVE COVER/PUSH ROD COVER

**ATTACH AND ALIGN GASKET(S):** Use quick-drying adhesive, applied sparingly. If gasket has installation tabs, adhesive is not required.

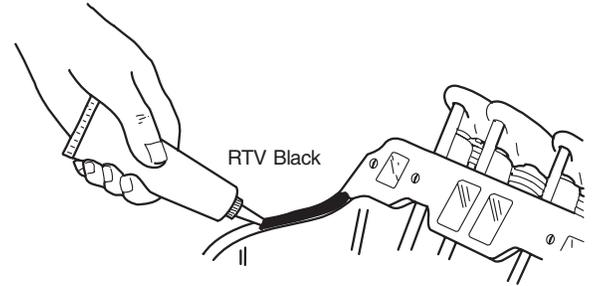
**IMPORTANT:** If gasket is rubber, install dry.

- Continued -

### INTAKE MANIFOLD GASKET

**DO NOT CUT** the intake manifold gaskets for clearance of pushrods. Cutting the gasket will reduce its structural integrity and welcome failure. Install pushrods after the gaskets are already in position.

**ATTACH AND ALIGN GASKET(S) TO CYLINDER HEAD(S).** Apply quick-drying adhesive sparingly in several places on the cylinder heads. Mount gasket(s) on cylinder head(s). **Allow time for adhesive to set.** Test for slippage with light pressure. If gasket moves, allow more time.



**CREATE INTAKE MANIFOLD END SEALS** by applying a continuous 3/16" bead of silicone sealer, such as RTV Black, across the front and rear ends of the cylinder block, from one cylinder head to the other.

**REINSTALL INTAKE MANIFOLD TO ENGINE** while RTV is still wet. Torque securely to OEM specifications.

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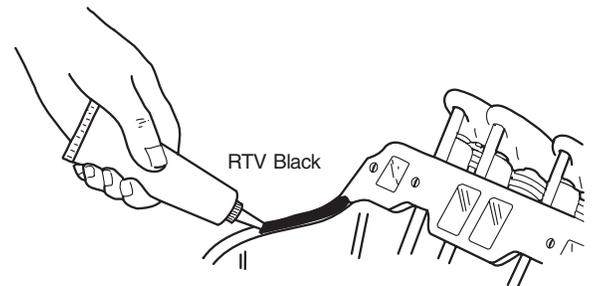
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- Continued -

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**DO NOT CUT** the intake manifold gaskets for clearance of pushrods. Cutting the gasket will reduce its structural integrity and welcome failure. Install pushrods after the gaskets are already in position.

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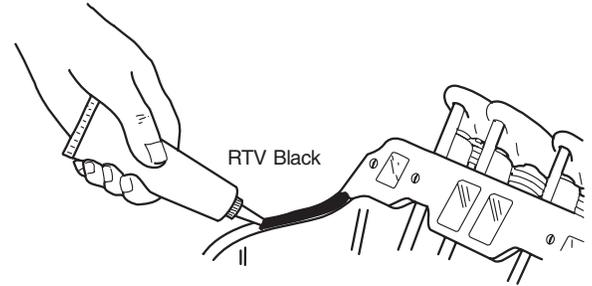
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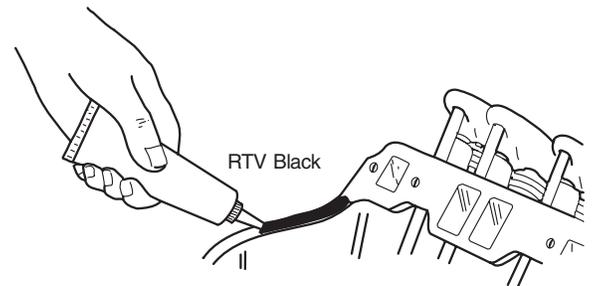
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