



## 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.

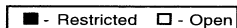
### INTAKE MANIFOLD GASKET



Open Center Port

This set contains 2 manifold gaskets with the center port open, and 1 stainless steel restrictor assembly attached to one of these gaskets.

Use manifold gasket(s) with open center port(s) as supplied in this set or with restrictor assemblies in place as noted.



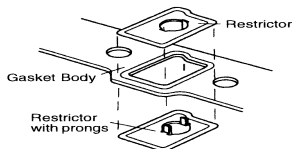
Center Ports:	Right	Left
<b>Passenger Car</b>		
262 Eng.		
1976	□	□
1975	□	■
267, 305 Eng.		
1978-86	□	□
1976-77	□	■
302, 307, 327 Eng.		
1973	■	□
1969-72	□	□
350, 400 Eng.		
1978-86	□	□
1977	□	■
1976 Exc. California	□	■
California	□	■
1975	□	■
1974 2 Barrel	□	□
1973	■	□
1969-72	□	□
<b>Truck</b>		
305 Eng.		
1980-86	□	□
1979 Exh. School Bus.	□	□

Center Ports:	Right	Left
<b>Truck</b>		
305 Eng.		
School Bus	□	■
1978 Exc. Heavy Duty	□	■
1976-77	□	■
307 Eng.		
1973	■	□
1969-72	□	□
327 Eng.		
1969	□	□
350 Eng.		
1980-86	□	□
1979 Exc. School Bus.	□	□
School Bus	□	■
1978 Exc. Series 10-30	□	■
Heavy Duty	□	■
Series 50-65	□	■
1976-77 Exc. 4 Barrel	□	■
1975 Exc. Series 50-65	□	■
Series 50-65	□	■
1974 Exc. Series 50-65	□	■
2 Barrel	■	□
Series 50-65	■	□
1973 Exc. Series 50-65	■	□
Series 50-65	■	□
1969-72	□	□
400 Eng.		
1980	□	□
1979 Exc. School Bus.	□	□
School Bus	□	■
1978 Exc. Heavy Duty	□	■
1975	□	■

### RESTRICTED PORT GASKET



DIVIDE RESTRICTOR ASSEMBLY INTO 2 PIECES as marked. Place 1 restrictor half with prongs up - on the workbench.



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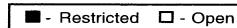
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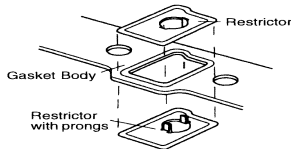
Center Ports:	Right	Left
<b>Passenger Car</b>		
262 Eng.		
1976	□	□
1975	□	■
267, 305 Eng.		
1978-86	□	□
1976-77	□	■
302, 307, 327 Eng.		
1973	■	□
1969-72	□	□
350, 400 Eng.		
1978-86	□	□
1977	□	■
1976 Exc. California	□	■
California	□	■
1975	□	■
1974 2 Barrel	□	□
1973	■	□
1969-72	□	□
<b>Truck</b>		
305 Eng.		
1980-86	□	□
1979 Exh. School Bus.	□	□

Center Ports:	Right	Left
<b>Truck</b>		
305 Eng.		
School Bus	□	■
1978 Exc. Heavy Duty	□	■
1976-77	□	■
307 Eng.		
1973	■	□
1969-72	□	□
327 Eng.		
1969	□	□
350 Eng.		
1980-86	□	□
1979 Exc. School Bus.	□	□
School Bus	□	■
1978 Exc. Series 10-30	□	■
Heavy Duty	□	■
Series 50-65	□	■
1976-77 Exc. 4 Barrel	□	■
1975 Exc. Series 50-65	□	■
Series 50-65	□	■
1974 Exc. Series 50-65	□	■
2 Barrel	■	□
Series 50-65	■	□
1973 Exc. Series 50-65	■	□
Series 50-65	■	□
1969-72	□	□
400 Eng.		
1980	□	□
1979 Exc. School Bus.	□	□
School Bus	□	■
1978 Exc. Heavy Duty	□	■
1975	□	■

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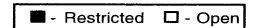
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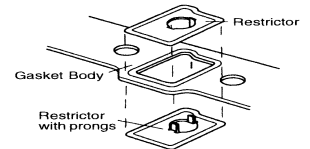
Center Ports:	Right	Left
<b>Passenger Car</b>		
262 Eng.		
1976	□	□
1975	□	■
267, 305 Eng.		
1978-86	□	□
1976-77	□	■
302, 307, 327 Eng.		
1973	■	□
1969-72	□	□
350, 400 Eng.		
1978-86	□	□
1977	□	■
1976 Exc. California	□	■
California	□	■
1975	□	■
1974 2 Barrel	□	□
1973	■	□
1969-72	□	□
<b>Truck</b>		
305 Eng.		
1980-86	□	□
1979 Exh. School Bus.	□	□

Center Ports:	Right	Left
<b>Truck</b>		
305 Eng.		
School Bus	□	■
1978 Exc. Heavy Duty	□	■
1976-77	□	■
307 Eng.		
1973	■	□
1969-72	□	□
327 Eng.		
1969	□	□
350 Eng.		
1980-86	□	□
1979 Exc. School Bus.	□	□
School Bus	□	■
1978 Exc. Series 10-30	□	■
Heavy Duty	□	■
Series 50-65	□	■
1976-77 Exc. 4 Barrel	□	■
1975 Exc. Series 50-65	□	■
Series 50-65	□	■
1974 Exc. Series 50-65	□	■
2 Barrel	■	□
Series 50-65	■	□
1973 Exc. Series 50-65	■	□
Series 50-65	■	□
1969-72	□	□
400 Eng.		
1980	□	□
1979 Exc. School Bus.	□	□
School Bus	□	■
1978 Exc. Heavy Duty	□	■
1975	□	■

### RESTRICTED PORT GASKET



DIVIDE RESTRICTOR ASSEMBLY INTO 2 PIECES as marked. Place 1 restrictor half with prongs up - on the workbench.



**POSITION THE CENTER PORT OF THE MANIFOLD GASKET** over the restrictor half. For proper fit, the offset in the gasket center port contour must match the contour of the insert.

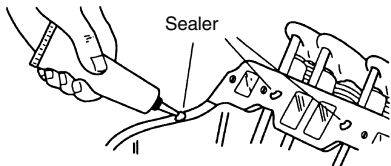
**PLACE THE OTHER RESTRICTOR HALF WITHOUT PRONGS** over the gasket's center port aligning the offset contour of the restrictor with that of the gasket.

**BEND THE 2 PRONGS OF THE LOWER RESTRICTOR HALF OUTWARD** over the outer edge of the upper restrictor half using a blunt tool. Make certain the prongs are pressed down tightly so that the restrictor assembly is held securely in the gasket body.

**IMPORTANT:** When properly installed, the outer flange of the upper and lower restrictor halves with overlap the gasket body around the center port. Failure to do so may cause restrictor to slide out of position

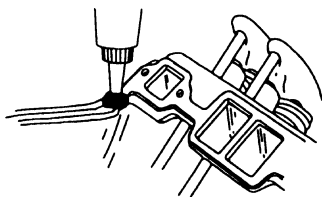
**CLEAN MATING SURFACES** of all foreign material including old gaskets, RTV and oil. You may wish to use a degreaser.

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



**ATTACH AND ALIGN END SEALS.** Apply quick-drying adhesive, sparingly to cylinder block. Mount end seals. Allow time for adhesive to set. Test for slippage with light pressure. If seals move, allow more time.

**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 more time for adhesive to set.** Test for slippage with light pressure. If gasket movers, allow more time.



**PRIOR TO REINSTALLING INTAKE MANIFOLD** apply a small dab of silicone sealer to the 4 corner intersections between the end seals and gaskets. **IMMEDIATELY PROCEED** to the next step, as RTV normally set up in 10-15 minutes.

**REINSTALL INTAKE MANIFOLD TO ENGINE.** Torque securely to OEM specifications.

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



**POSITION THE CENTER PORT OF THE MANIFOLD GASKET** over the restrictor half. For proper fit, the offset in the gasket center port contour must match the contour of the insert.

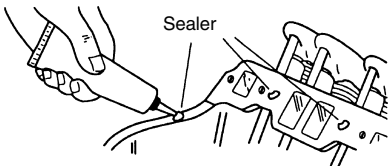
**PLACE THE OTHER RESTRICTOR HALF WITHOUT PRONGS** over the gasket's center port aligning the offset contour of the restrictor with that of the gasket.

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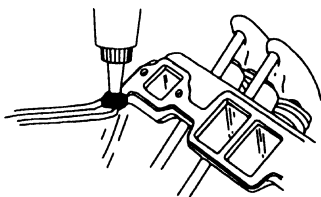
**CLEAN MATING SURFACES** of all foreign material including old gaskets, RTV and oil. You may wish to use a degreaser.

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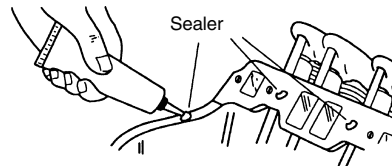
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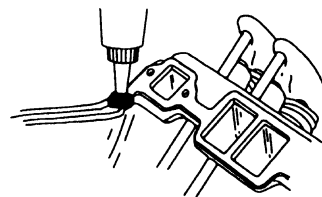
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