

Enginetech Inc
Tech Assistance 800-410-3664 ext. 340 or 237

TECHNICAL BULLETIN	
	December 1998 TB 1523
Mfg:	GM
Model:	C-SERIES
Liter:	6.5L
V I N:	F
Year:	92-00

Main Bearing Usage On
1997 GM 6.5L VIN F, S, & Y Engines

The AERA Technical Committee offers the following information on main bearing usage on 1997 GM 6.5L VIN F, S & Y diesel engines. These engines are built in both turbo and non-turbo versions. The main bearings used in certain non-turbo VIN Code Y engines are slightly different than those used in the turbo engines.

Beginning in 1997, these engines were built with oil spray nozzles to direct pressurized oil to the underside of the piston top. That action reduces the overall piston temperature. The nozzles mount in the main bearing housing bore of the cylinder block. VIN Y, RPO code 57 engines were designed to operate with the piston oil spray to cylinders 1, 2 & 3 blocked off. To do so, an oiling hole in the front two upper bearing inserts was eliminated.

That design required only a single oiling hole in the front two upper bearing inserts for non-turbo VIN Y, L57 engines. Those engines are used in P series trucks. The other VIN codes use a double hole front bearing and a three hole second bearing to provide oiling to the spray nozzles.

Upper Main Bearing Inserts

VIN Code	Front	2nd	3 & 4	Rear
Y	1 Hole	1 Hole	3 Holes	2 Holes
F & S	2 Holes	3 Holes	3 Holes	2 Holes

Using the proper bearing should assure optimum engine performance as it was originally designed.

The AERA Technical Committee

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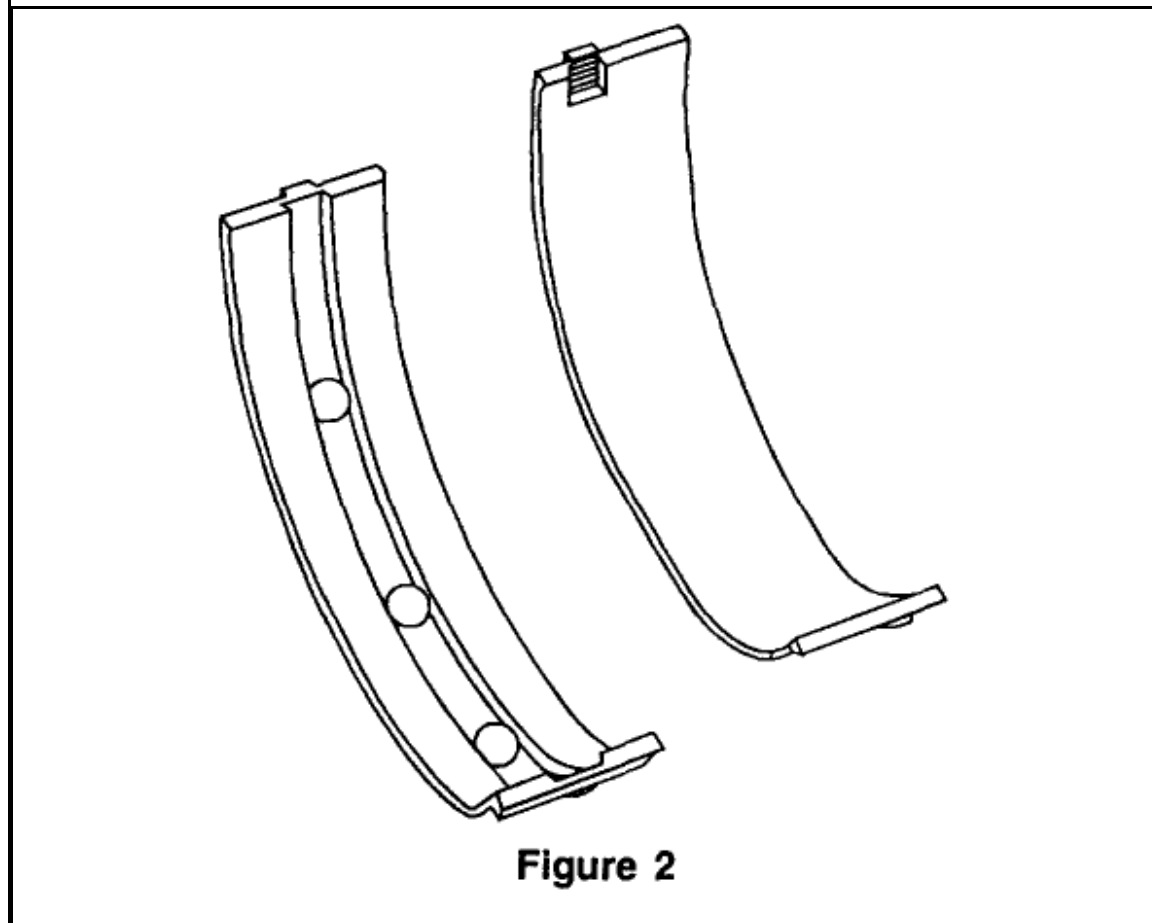


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For Additional Information See AERA Technical Bulletin TB 1481

Bulletin Diagram: FIGURE 1. OILING HOLES FOR CERTAIN LOCATIONS - CYLINDER BLOCK



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