

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

TECHNICAL BULLETIN	
	October 1996 TB 1386
Mfg:	GM
Model:	C-SERIES
Liter:	5.7L
V I N:	R
Year:	96-02

Oil Cooler Caution On
GM 5.7 & 7.4L Engines

The AERA Technical Committee offers the following information concerning oil cooler reuse on GM 5.7 & 7.4L engines. Some engines are originally equipped with oil coolers which are part of the radiator assembly. In other instances, an aftermarket oil cooler may be added to the engine's oiling system. Regardless of the type cooler used, the following information should be considered.

Whenever an engine has failed and subsequent bearing damage has resulted, it is recommended to replace or rebuild the engine oil cooler assembly. Small bearing particles and crankshaft material cannot be entirely removed from the cooler by simply flushing fluid through it. If this is attempted and that cooler is re-used, most likely it will contaminate the engine's oil supply. In many instances, which involved as many as three engine failures, the problem persisted until the cooler was replaced at the time of engine installation.

The oil cooler portion is detachable from the rest of the radiator on GM equipped radiators. Replacement oil coolers are available from authorized AC Delco Radiator Distributors. The complete radiator assembly is available through GM dealerships. Depending on vehicle application, there are 3 different cooler assemblies available. All have 8.5" centers, which is the distance between the inlet & outlet pressure line openings.

GM Part #	Description
3039077	3 Plate Oil Cooler
3095798	4 Plate Oil Cooler

There is also an aftermarket source for a 6 plate oil cooler, which should be used in heavy duty applications.

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