

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

TECHNICAL BULLETIN		
	March 2001 TB 1870	Mfg: GM
		Model: PONTIAC
		Liter: 3.8L
		V I N: K
		Year: 95-06

Coolant Leakage On
1995-2000 GM 3800 VIN K Engines

The AERA Technical Committee offers the following information concerning coolant leakage on 1995-2000 GM 3.8L VIN K engines. The information in this bulletin resulted from continued customer complaints about loss of engine coolant over a period of time. In most instances, coolant usage gradually increased without a determination of where it was going.

The coolant leaks in these situations have been reported leaking from the upper plastic intake plenum. This plenum cracks or erodes in the coolant transfer hole that is supplied coolant from the lower intake manifold as shown in Figure 1. Two straws are inserted in this passage to illustrate where the coolant transfer ports are. Those passages actually provide a route for coolant to go into the throttle body area.

This particular failure usually starts by an unexplained small amount of coolant loss. Customers complain that they always have to top off the coolant. Until, the leakage increases to an amount that will finally provide an air, fuel and coolant mixture that will not support combustion. When that occurs, the engine goes into a no start situation and the plastic plenum must be replaced.

The AERA Technical Committee

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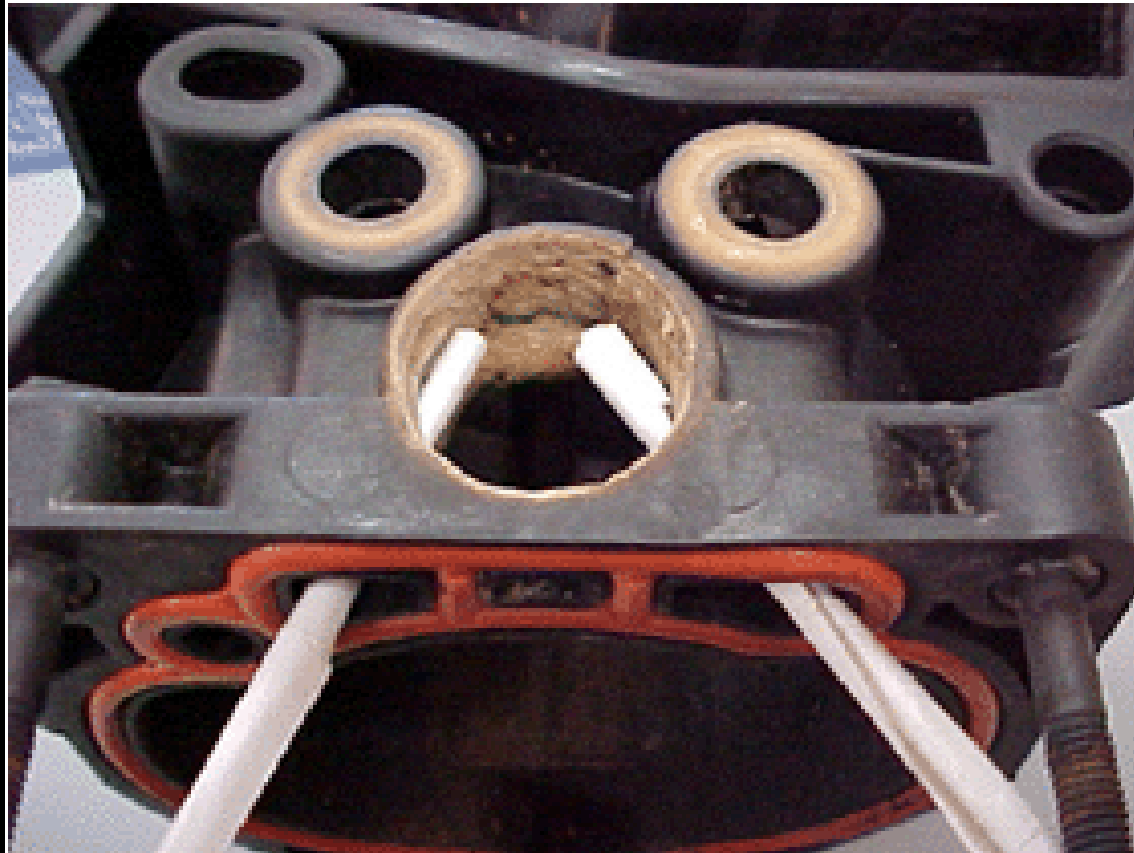


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Bulletin Diagram: FIGURE 1, EXHAUST GAS TRANSFER HOLES - MANIFOLD



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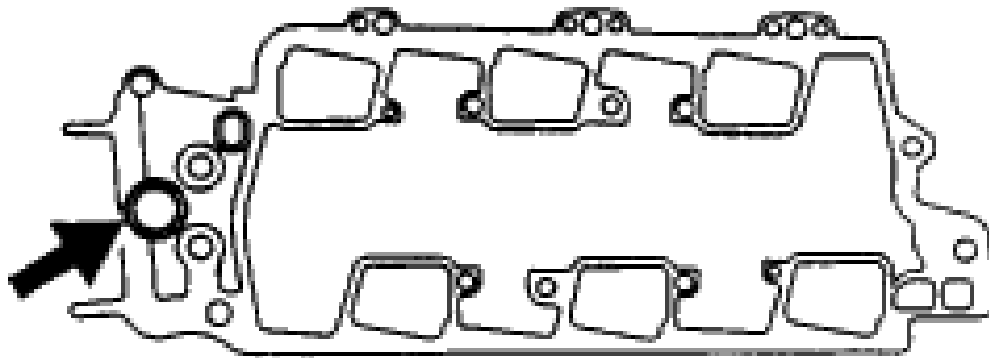


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Bulletin Diagram: FIGURE 2, Eroded Area - INTAKE MANIFOLD



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