

STOP EXCESSIVE COOLANT CONSUMPTION OR LEAKAGE!!!!

20574
Engine Manifold
Repair Kit

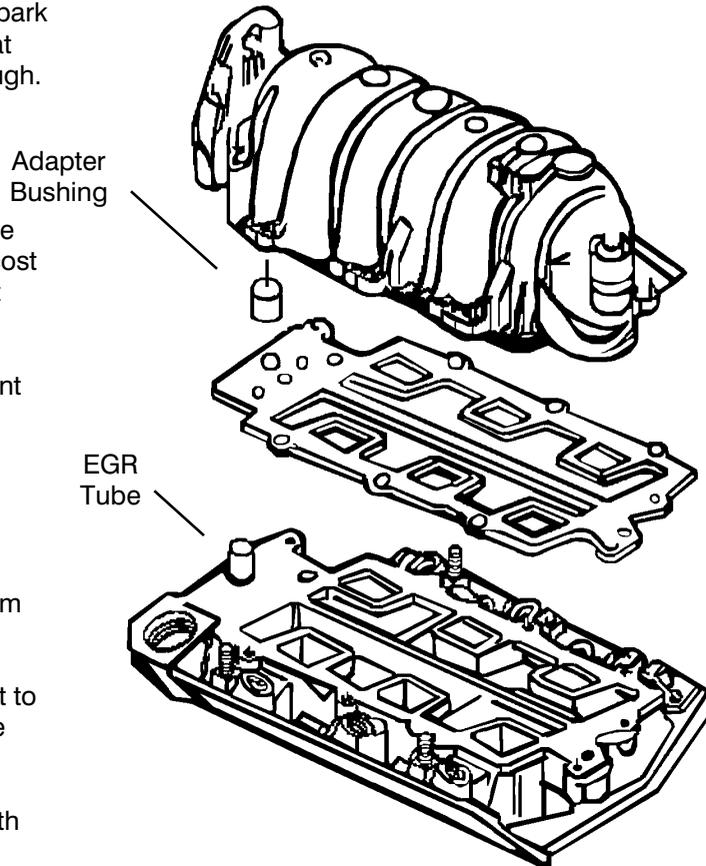
UNIT PACKAGE: 1 Kit



2003 - 1995 GM vehicles with 3.8 L series 2 engines (VIN K - RPO L36) have been experiencing excessive coolant consumption or coolant leakage near or under the throttle body and intake manifold. This is caused when the EGR tube on the lower manifold degrades the composite material of the upper intake plenum around the passage area between the two part manifold. Once the composite material is degraded, it becomes porous and allows the coolant areas on either side of the EGR passage to leak coolant either internally or externally. If it leaks internally into the intake manifold and then the cylinders, it can result in "hydro-lock" of the engine. A simple coolant leak has resulted in a major problem that as best requires changing the spark plugs and oil in order to start the engine. That doesn't correct the cause of the problem though.

Until now, the solution has been to replace the upper plenum and lower manifold at a retail cost of \$1200 - \$1400 for parts and labor. Yet that alone does not correct the root cause of the problem. Our **20574 repair kit** offers an inexpensive but highly effective and permanent solution. Here are the steps involved:

1. Remove the upper intake manifold.
2. Remove the EGR tube from the bottom plenum.
3. Install our new EGR port tube.
4. Use epoxy supplied with our repair kit to install our new adapter bushing in the upper plenum.
5. Reinstall the upper intake manifold.
(Detailed instructions are included with the kit)



As an added benefit, the smaller diameter of our EGR port tube creates an air space between the repaired (with adapter bushing) upper plenum and the new EGR port tube. This air space insulates the composite material of the plenum from further damage.