**Application:** 1985-1991

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**MAT Sensor Relocating Kit**

**Tools Needed**

**DIRECTIONS FOR SAFE AND PROPER APPLICATION**

**STEP 1.** For safety, disconnect battery or remove keys from ignition.

**STEP 2.** Disconnect wiring harness from MAT Sensor. GM used two different styles of connectors on the MAT Sensor. If you are having problems connecting the harnesses together, verify you have the correct harness. (See connector diagram) The location of the MAT Sensor is on the drivers side under the intake plenum. (See diagram) Leave original MAT Sensor in place.

**STEP 3.** Plug new extension harness into existing harness. Run new harness on LH side of fenderwell to front of car. Attach harness with supplied wire ties.

**STEP 4.** Install new sensor into induction system at location in diagram. To install, drill a 7/8” hole as shown on the diagram at right. *(NOTE: A wood worker’s spade bit works well.)*

**STEP 5.** Install sensor into grommet. Carefully start one side of grommet into the hole you drilled in the air intake system. Using a straight screwdriver, carefully work grommet lip into hole until completely seated. Rotate sensor in grommet to insure the ground/sensor assembly is fully seated.

**STEP 6.** Connect harness to sensor. Reconnect battery.