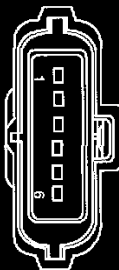


View 151-2

C128**12A690**Mass Air Flow
(MAF) sensor
(12B579)

F06077

Pin	Circuit	Circuit function
1	359 (GY/RD)	signal, return
2	361 (RD)	Voltage supplied in Start and Run (overload protected)
3	570 (BK/WH)	Ground
4	968 (TN/LB)	Mass Air Flow (MAF) sensor (12B579), signal, return
5	967 (LB/RD)	Mass Air Flow (MAF) sensor (12B579), output
6	743 (GY)	Intake Air Temperature (IAT) sensor (12A697), input

Air Flow Meter/Sensor: Service Precautions

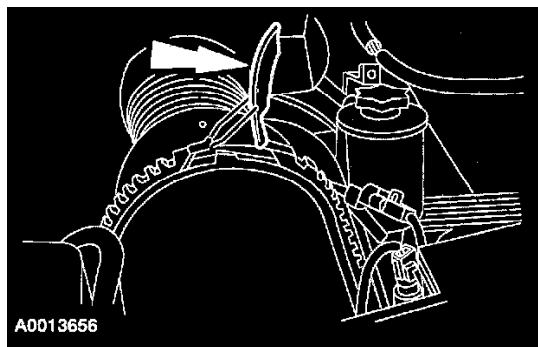
CAUTION:

- ^ Do not tamper with the Mass Air Flow (MAF) sensing elements located in the airflow meter. Tampering may result in unit failure.
- ^ The grommet used to seal the engine air cleaner housing at the extension harness must be fully seated. Failure to do so will result in unmetered air entering the engine.

Air Flow Meter/Sensor: Service and Repair

REMOVAL

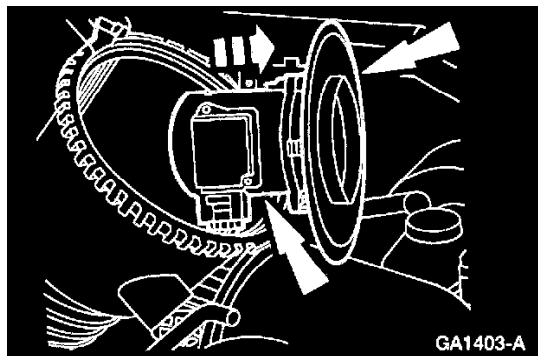
1. Disconnect the battery ground cable.
2. Remove the air cleaner assembly.



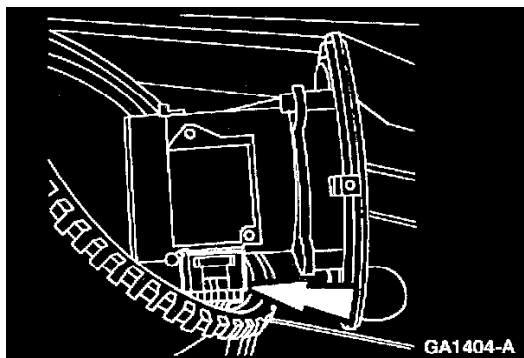
3. Open the air cleaner.
 - ^ Release the air cleaner clamp.
 - ^ Separate the inlet side from the outlet side of the air cleaner.

CAUTION: Do not tamper with the Mass Air Flow (MAF) sensing elements located in the airflow meter. Tampering may result in unit failure.

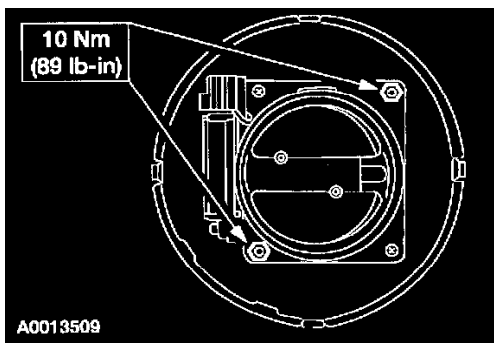
NOTE: The MAF sensor and body are calibrated and serviced as a unit.



4. Remove the MAF assembly.



5. Disconnect the MAF sensor electrical connector.



6. Remove the nuts and separate the MAF sensor from the MAF sensor plate.

INSTALLATION

1. To install, reverse the removal procedure.

CAUTION: The grommet used to seal the engine air cleaner housing at the extension harness must be fully seated. Failure to do so will result in unmetered air entering the engine.

NOTE:

- ^ Use the alignment notch to correctly align the inlet side and the outlet side of the engine air cleaner.
- ^ When reinstalling the mass air flow (MAF) sensor, make sure wires are not trapped behind MAF. Make sure electrical connector is pointing up on installation.