

MIL CIRCUIT

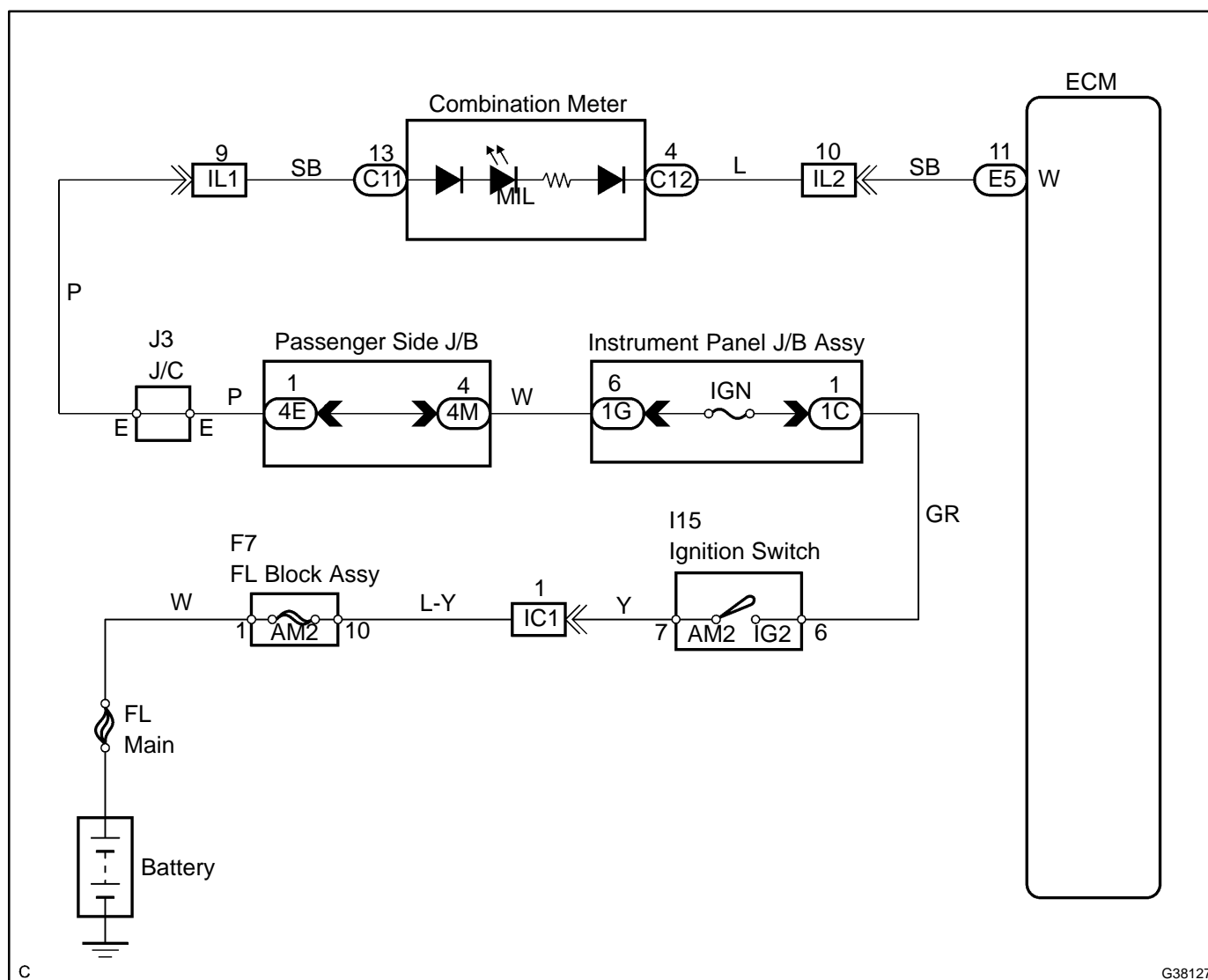
CIRCUIT DESCRIPTION

The Malfunction Indicator Lamp (MIL) is used to indicate the ECM's detection of a vehicle malfunction. The instrument panel GAUGE fuse provides circuit power and the ECM provides the circuit ground that illuminates the MIL.

MIL operations should be checked visually:

The MIL should be illuminated when the ignition is first turned on. If the MIL is always ON or OFF, use the hand-held tester or OBD II scan tool and follow the procedures below to determine the cause of the problem.

WIRING DIAGRAM



INSPECTION PROCEDURE

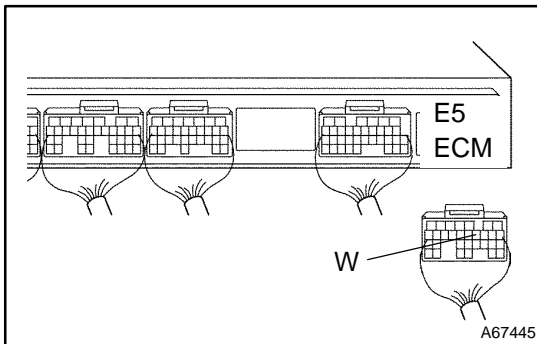
HINT:

Troubleshoot each trouble symptom in accordance with the chart below.

MIL remains on	Start inspection from step 1
MIL is not illuminated	Start inspection from step 3

1 CLEAR DTC

- (a) Connect the hand-held tester or the OBD II scan tool to the DLC 3.
- (b) Turn the ignition switch ON and push the hand-held tester or the OBD II scan tool main switch ON.
- (c) Read the DTC (See page 05-400).
- (d) Clear the DTC (See page 05-400).
- (e) Check that MIL is not illuminated.

OK: MIL is not illuminated**OK****REPAIR CIRCUIT INDICATED BY OUTPUT DTC
(See page 05-412)****NG****2 CHECK HARNESS AND CONNECTOR (CHECK FOR SHORT IN WIRE HARNESS)**

- (a) Disconnect the E5 ECM connector.
- (b) Turn the ignition switch ON.
- (c) Check that MIL is not illuminated.
OK: MIL is not illuminated
- (d) Reconnect the ECM connector.

OK**REPLACE ECM (See page 10-24)****NG****CHECK AND REPAIR HARNESS AND CONNECTOR****3 CHECK THAT MIL IS ILLUMINATED**

- (a) Check that the MIL is illuminated when turning the ignition switch ON.
OK: MIL is illuminated

OK**SYSTEM OK****NG****4 INSPECT COMBINATION METER ASSY (MIL CIRCUIT)**

- (a) See the combination meter troubleshooting on page 05-1882 .

NG**REPAIR OR REPLACE BULB OR COMBINATION
METER ASSEMBLY****OK****CHECK AND REPAIR HARNESS AND CONNECTOR (COMBINATION METER - ECM)**