

MIL CIRCUIT

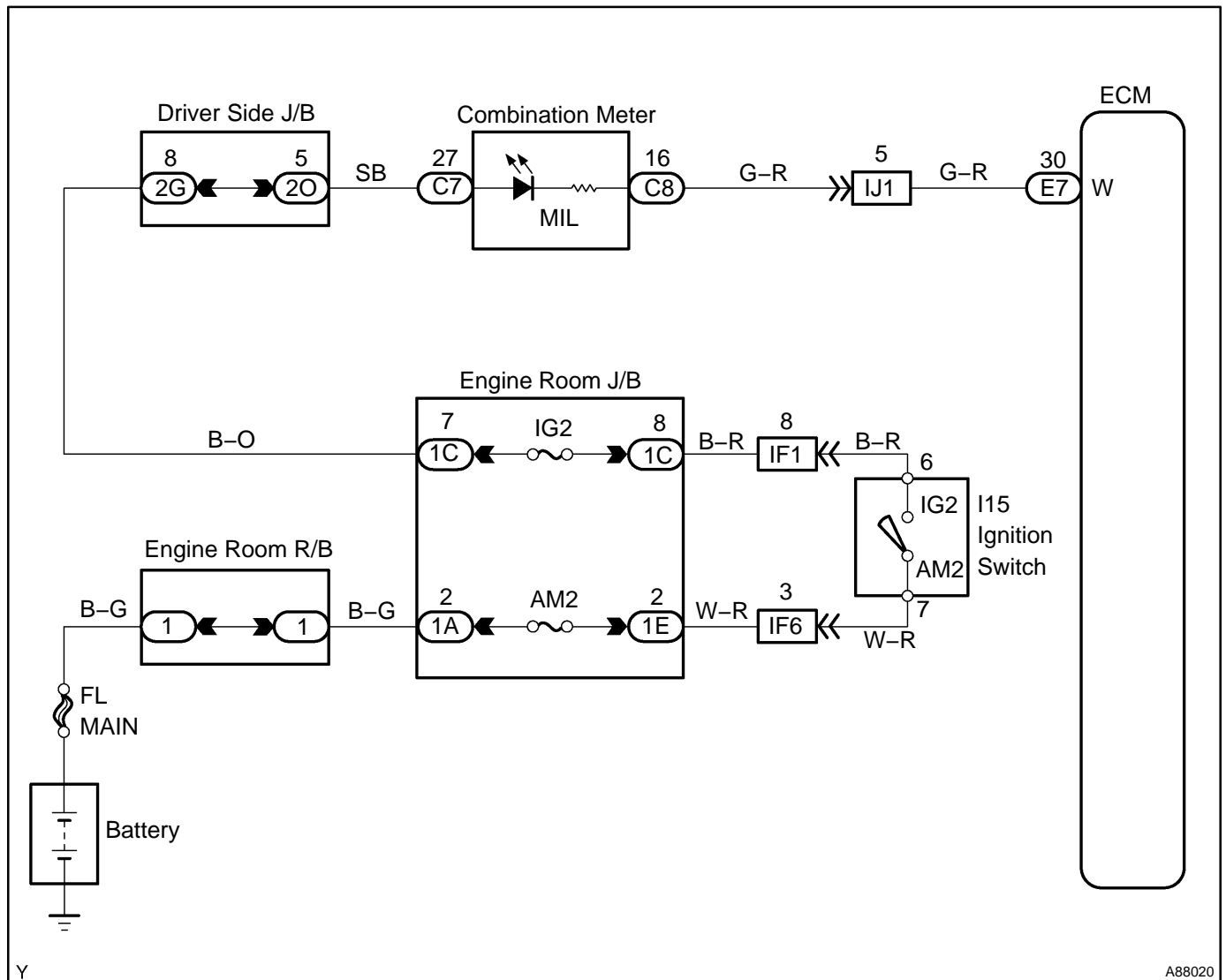
CIRCUIT DESCRIPTION

The Malfunction Indicator Lamp (MIL) is used to indicate the ECM's detection of a vehicle malfunction. The instrument panel IG2 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

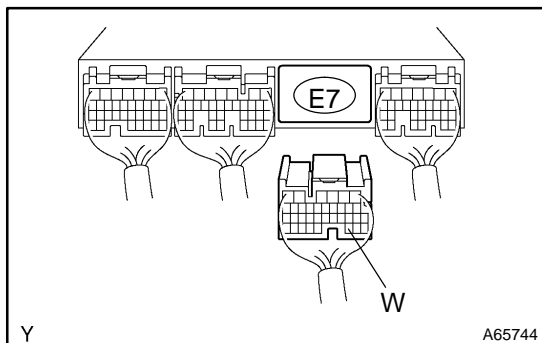
- (a) Connect the hand-held tester or the OBD II scan tool to the DLC 3.
- (b) Turn the ignition switch ON and push the hand-held tester or the OBD II scan tool main switch ON.
- (c) Read the DTC.
- (d) Clear the DTC (See page 05-41).
- (e) Check that MIL is not illuminated.

Standard: MIL is not illuminated

OK

REPAIR CIRCUIT INDICATED BY OUTPUT DTC
(See page 05-51)

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2 CHECK WIRE HARNESS (CHECK FOR SHORT IN WIRE HARNESS)

- (a) Disconnect the E7 ECM connector.
- (b) Turn the ignition switch ON.
- (c) Check that MIL is not illuminated.

Standard: MIL is not illuminated

OK

REPLACE ECM (See page 10-9)

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CHECK AND REPLACE HARNESS AND CONNECTOR**3 CHECK THAT MIL IS ILLUMINATED**

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

Standard: MIL is illuminated

OK

SYSTEM OK

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4 INSPECT COMBINATION METER ASSY (MIL CIRCUIT)

- (a) See the combination meter troubleshooting on page 05-1999.

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REPAIR OR REPLACE BULB OR COMBINATION METER ASSEMBLY

OK

CHECK AND REPAIR HARNESS AND CONNECTOR (COMBINATION METER - ECM)