

MIL CIRCUIT

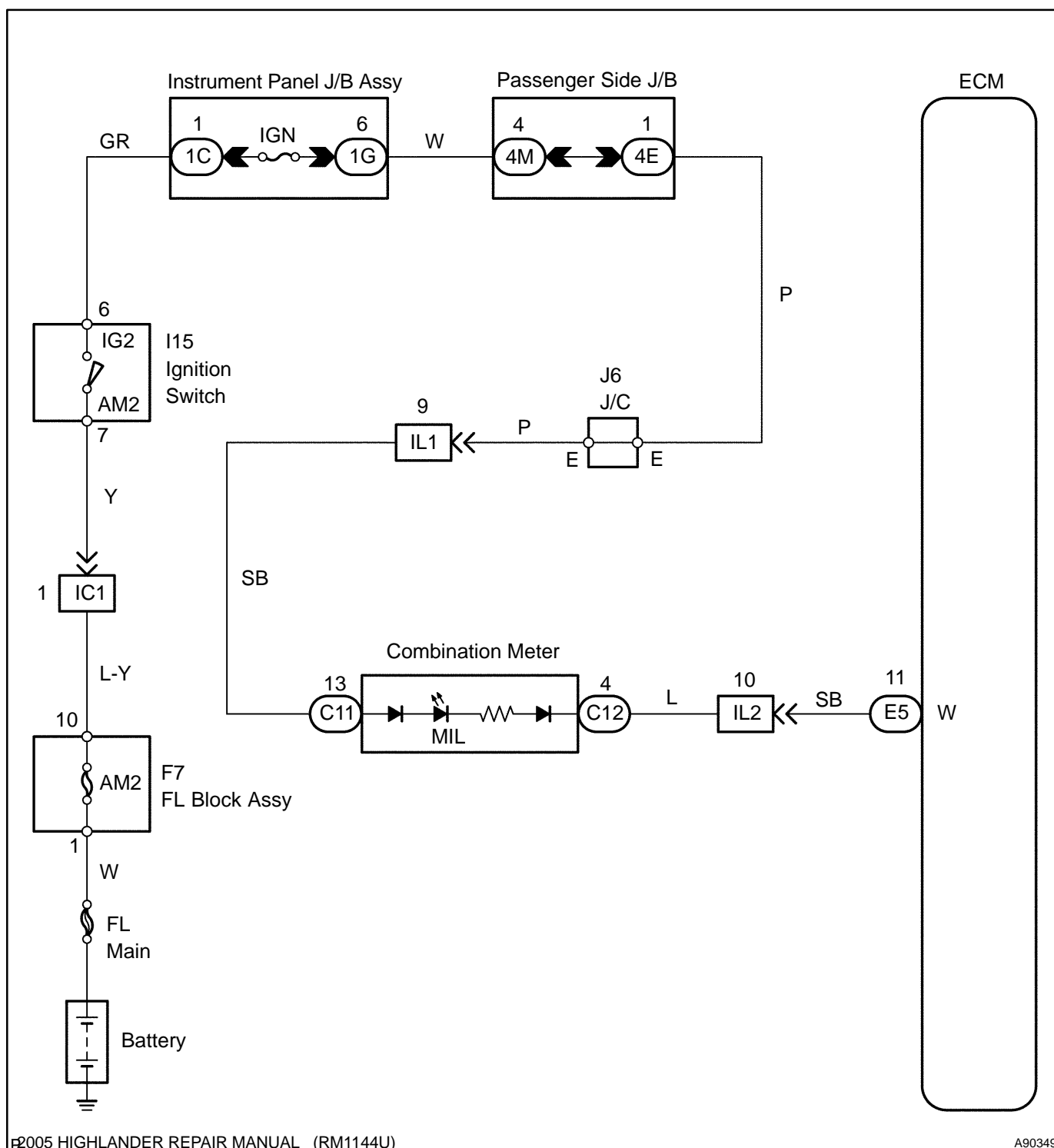
CIRCUIT DESCRIPTION

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 to determine the cause of 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

- Connect the hand-held tester or the OBD II scan tool to the DLC3.
- Turn the ignition switch ON and push the hand-held tester or the OBD II scan tool main switch ON.
- Read the DTC.
- Clear the DTC (see page 05-38).
- Check that the MIL is not illuminated.

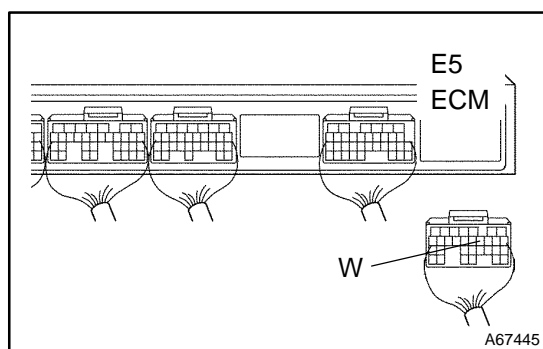
OK: MIL is not illuminated

OK

REPAIR CIRCUIT INDICATED BY OUTPUT DTC
(See page 05-48)

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



- Disconnect the E5 ECM connector.
- Turn the ignition switch ON.
- Check that the MIL is not illuminated.

OK: 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

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

OK: MIL is illuminated

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SYSTEM OK

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4 INSPECT COMBINATION METER ASSY (MIL CIRCUIT)

(a) See the combination meter troubleshooting on page [05-1889](#) .

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