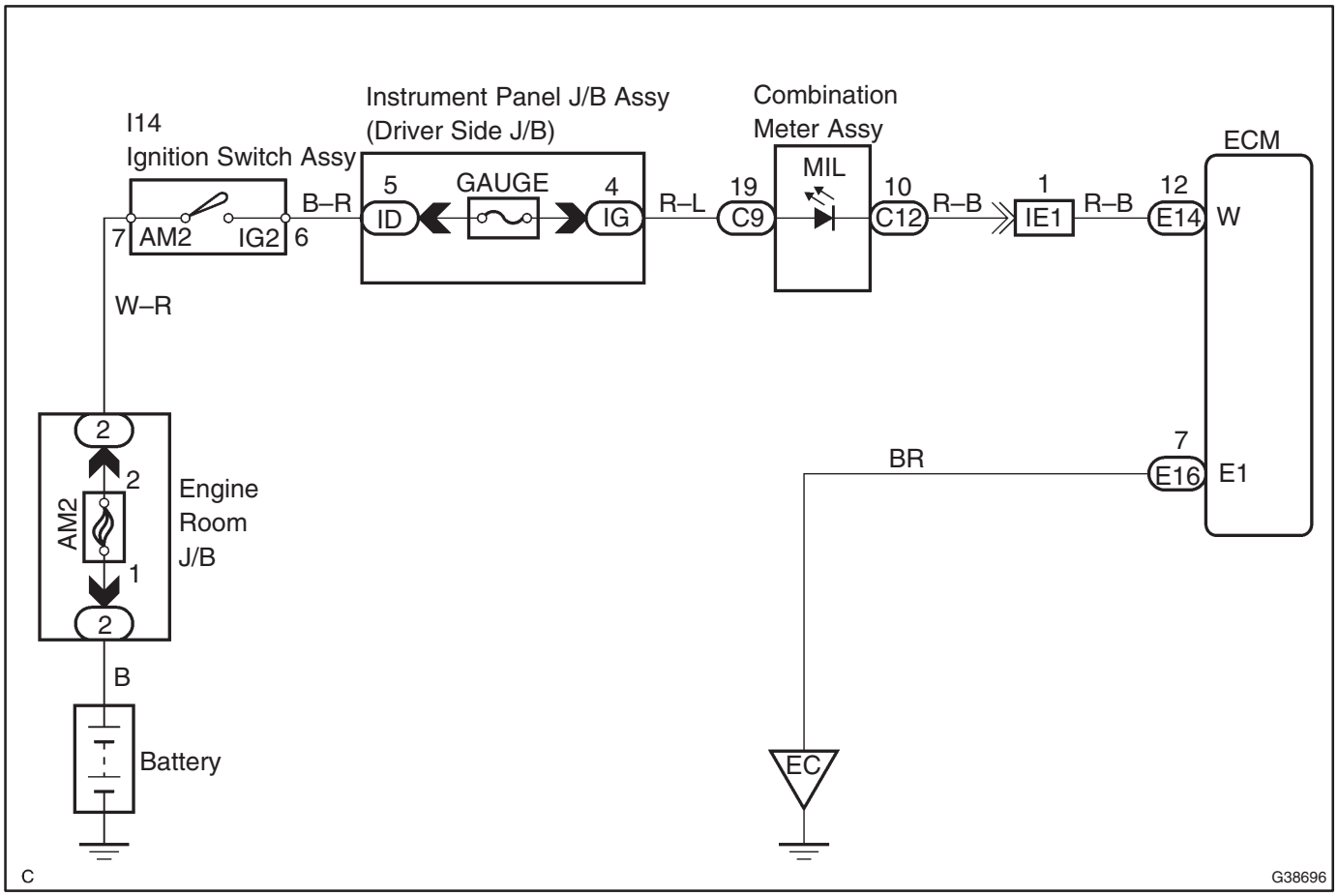
MIL CIRCUIT

CIRCUIT DESCRIPTION

If the ECM detects a malfunction, the Malfunction Indicator Lamp (MIL) illuminates. The ECM then records the DTC in its memory.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

Use the table below to troubleshoot each trouble symptom.

Reference:

Condition	Proceed to
MIL remains ON	Start inspection from step 1
MIL is not illuminated	Start inspection from step 3

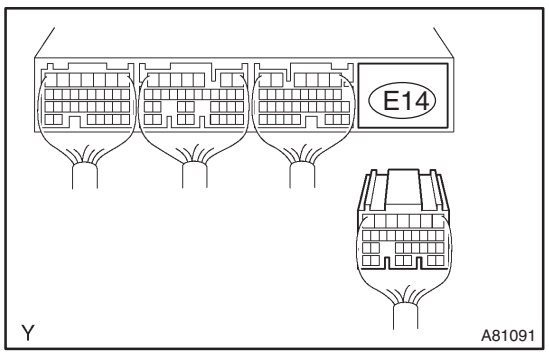
1 CHECK IF MIL TURNS OFF

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch ON and turn the intelligent tester II ON.
(c) Enter the following menus: Powertrain / Engine / DTC.
(d) Check if DTCs have been stored. Take notes if there are DTCs.
(e) Enter the following menus: Powertrain / Engine / DTC / Clear.
(f) Clear the DTC(s).
(g) Check if the MIL turns OFF.
OK: MIL turns OFF.

OK → **REPAIR CIRCUIT INDICATED BY OUTPUT DTC (See page 05–477)**

NG

2 CHECK WIRE HARNESS (FOR SHORT)



(a) Disconnect the E14 ECM connector.
(b) Turn the ignition switch ON.
(c) Check that the MIL does not illuminate.
OK: MIL does not illuminate.

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE ECM (See Pub. No. RM990E, page 10–34)

NOTICE:

After replacing the ECM, allow for ECM learning start the engine and idle it until it is fully warmed up.

3	CHECK IF MIL ILLUMINATES

(a) Check if the MIL illuminates when the ignition switch is turned ON.
OK: MIL illuminates.

OK	NORMAL

NG

4	INSPECT COMBINATION METER ASSY (MIL CIRCUIT)

OK: Combination meter circuit is normal.

NG	REPLACE BULB OR COMBINATION METER ASSEMBLY

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (COMBINATION METER – ECM)