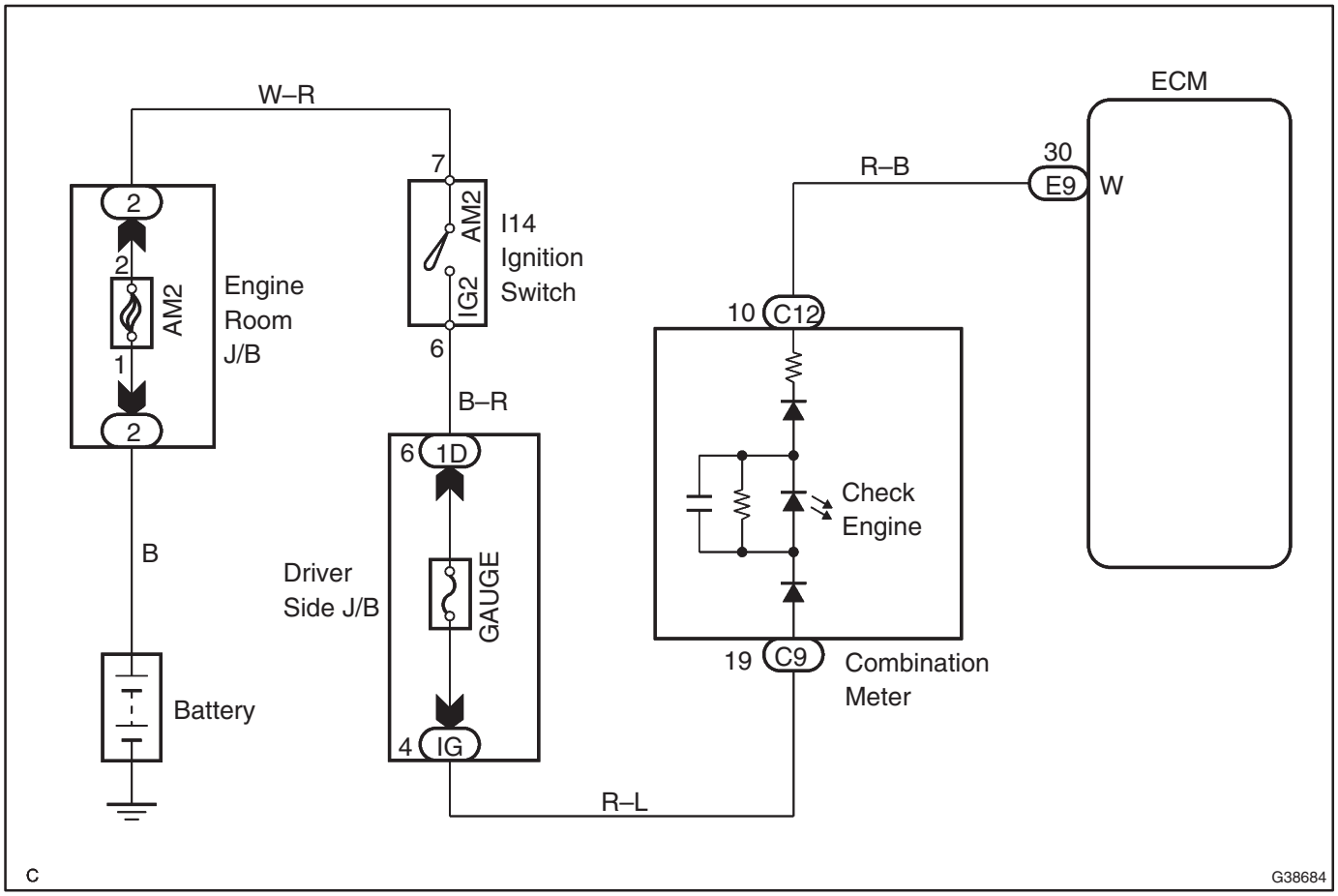
CHECK ENGINE WARNING LIGHT CIRCUIT

CIRCUIT DESCRIPTION

If the ECM detects a trouble, the CHK ENG illuminates. At this time, the ECM records a DTC in the memory.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

Troubleshoot each trouble symptom in accordance with the chart below .

CHK ENG remains on	Start inspection from step 1
CHK ENG does not illuminate	Start inspection from step 3

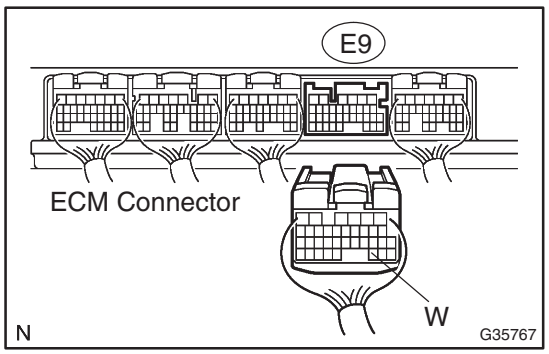
1	CLEAR DTC

(a) Connect the Intelligent Tester II to the DLC 3.
(b) Turn the ignition switch ON and push the Intelligent Tester II main switch ON.
(c) Read the DTC (See page 05–209).
(d) Clear the DTC (See page 05–209).
(e) Check that the CHK ENG does not illuminate.
Standard: CHK ENG does not illuminate

OK → **REPAIR CIRCUIT INDICATED BY OUTPUT DTC (See page 05–220)**

NG

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



(a) Disconnect the E9 ECM connector.
(b) Turn the ignition switch to ON.
(c) Check that the CHK ENG does not illuminate.
Standard: CHK ENG does not illuminate

OK → **REPLACE ECM (See Pub. No. RM1017E, page 10–11)**

NG

CHECK AND REPAIR HARNESS AND CONNECTOR

3	CHECK CHK ENG CONDITION

(a) Check that the CHK ENG illuminates when turning the ignition switch ON.
Standard: CHK ENG illuminates

OK → **SYSTEM OK**

NG

4	INSPECT COMBINATION METER ASSY(CHK ENG CIRCUIT)

(a) See the combination meter troubleshooting on page 15–59 of Pub. No. RM990E.

NG → **REPAIR OR REPLACE BULB OR COMBINATION METER ASSEMBLY**

OK

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