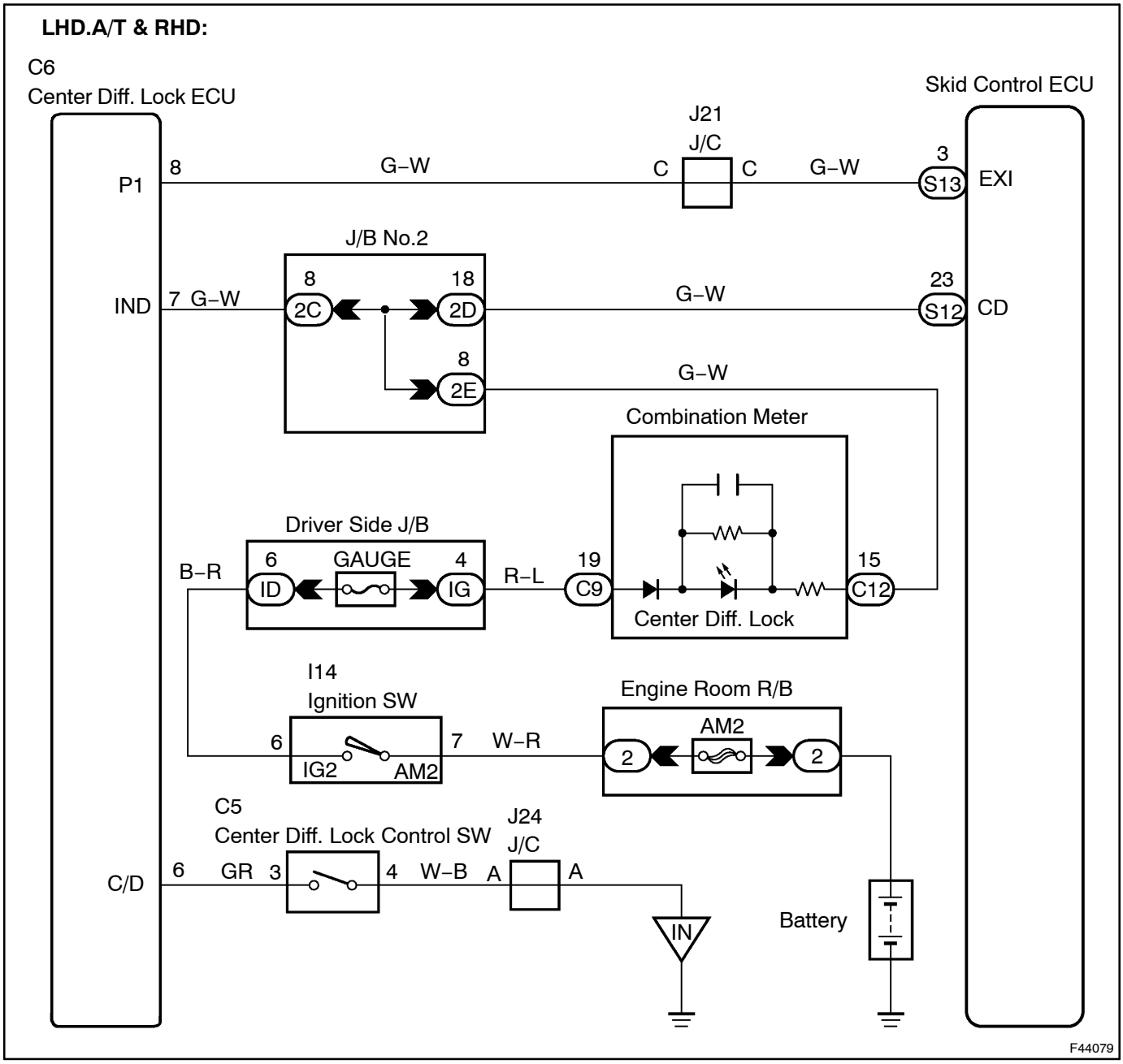
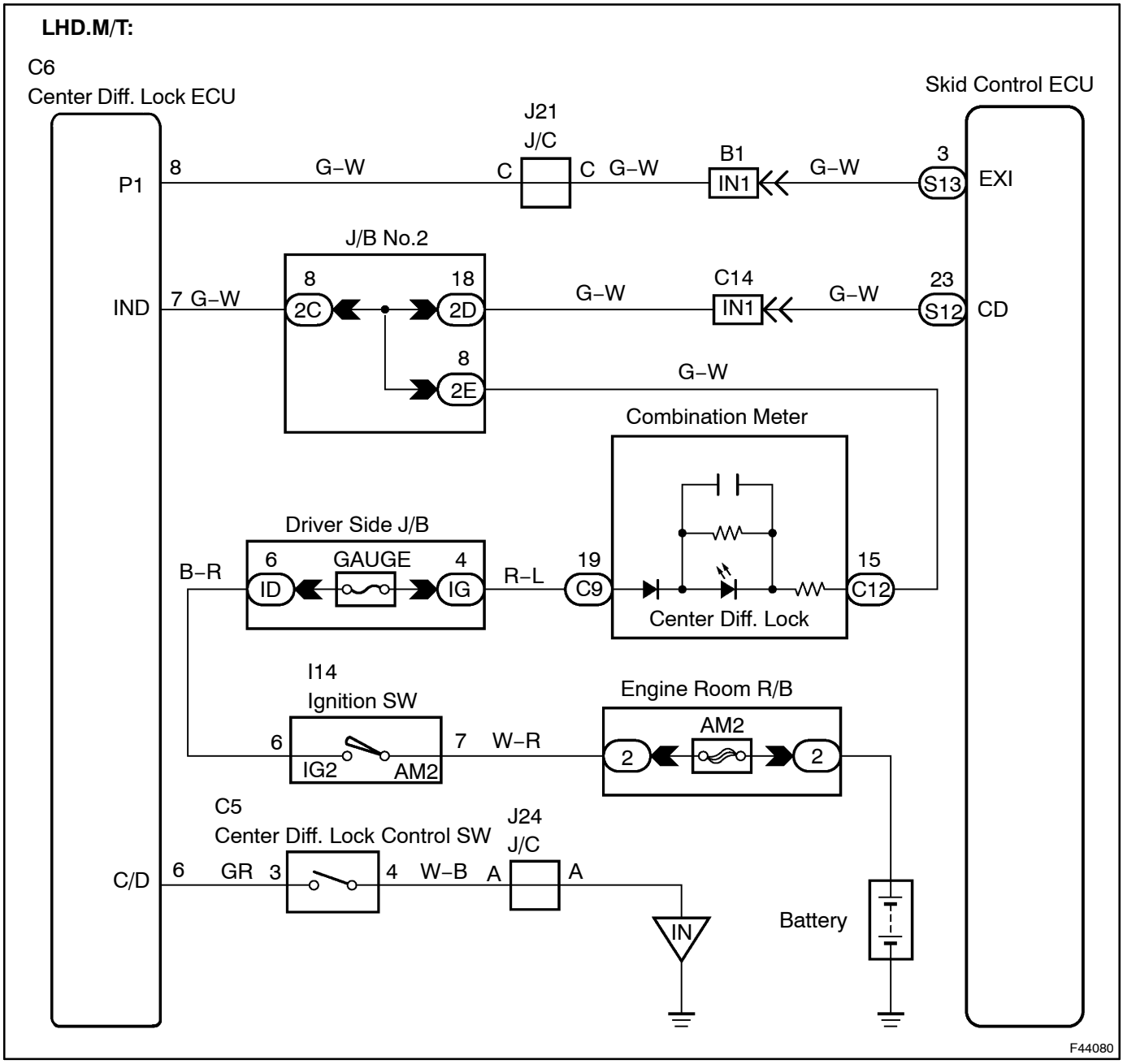
VSC OFF INDICATOR LIGHT, CENTER DIFF. LOCK SWITCH CIRCUIT

CIRCUIT DESCRIPTION

When the center differential is locked, VSC control goes off and the VSC OFF indicator lights up. Also, the VSC OFF indicator light goes on when the VSC system is at the fail safe control.

WIRING DIAGRAM





INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 in case of using the hand–held tester and start from step 2 in case of not using the hand–held tester.

1	PERFORM ACTIVE TEST BY VSC OFF INDICATOR LIGHT

(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch ON and push the hand–held tester main switch ON.
(c) Select the ACTIVE TEST mode on the hand–held tester.

NG → **Go to step 4**

OK

2	CHECK CENTER DIFF. LOCK DETECTION SWITCH (See page 31–76)

NG → REPLACE CENTER DIFF. LOCK DETECTION SWITCH

OK

3	CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU – CENTER DIFF. LOCK DETECTION SWITCH)

(a) Check for open and short circuit in harness and connector between skid control ECU and center diff. lock detection switch (See page 01–36).

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4	CHECK VSC OFF INDICATOR LIGHT

NG → REPAIR OR REPLACE COMBINATION METER ASSY

OK

5	CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU – COMBINATION METER)

(a) Check for open and short circuit in harness and connector between skid control ECU and combination meter (See page 01–36).

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY