DIARQ–01

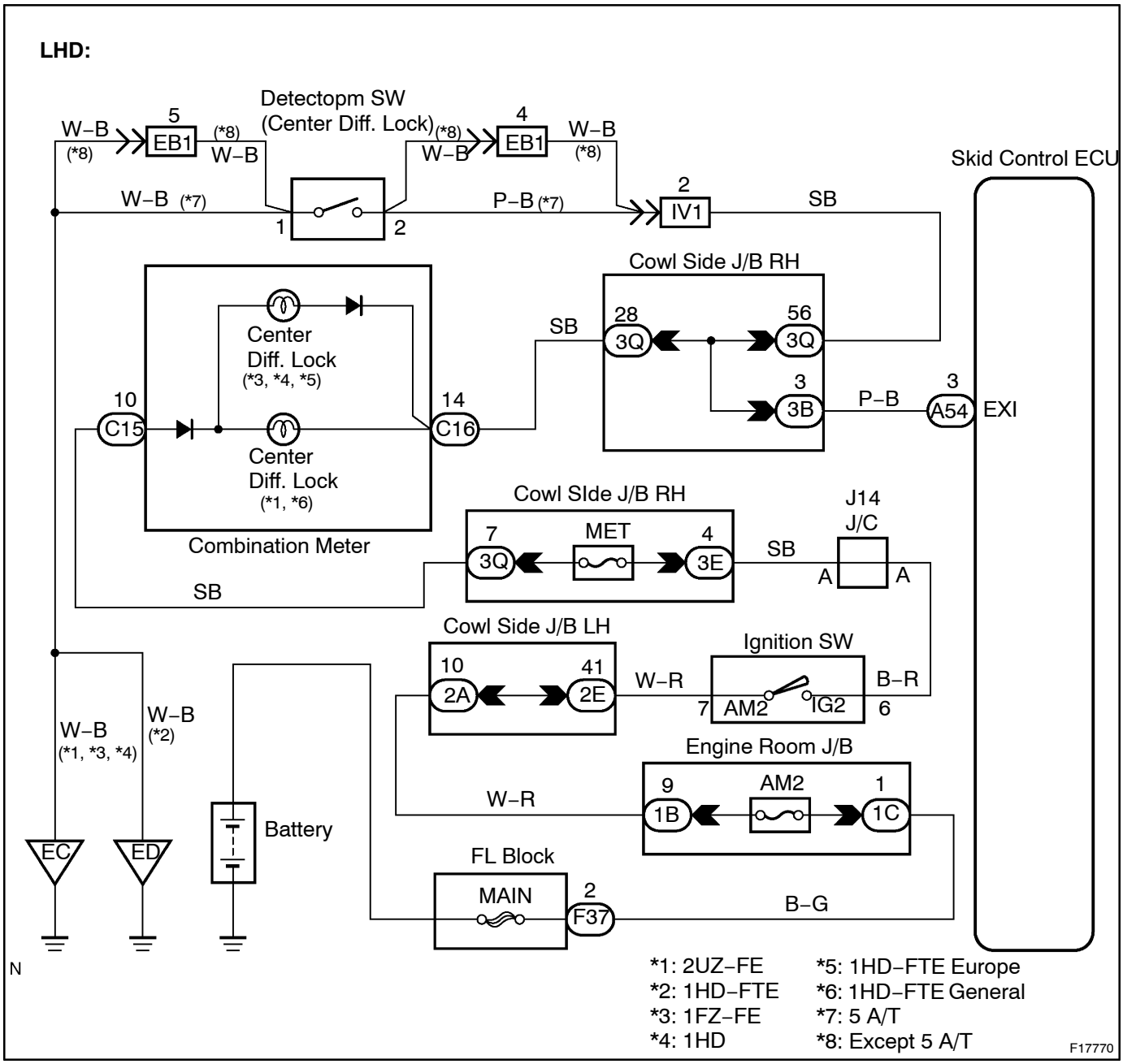
DTC	C1340 / 47	Center Differential Lock Circuit

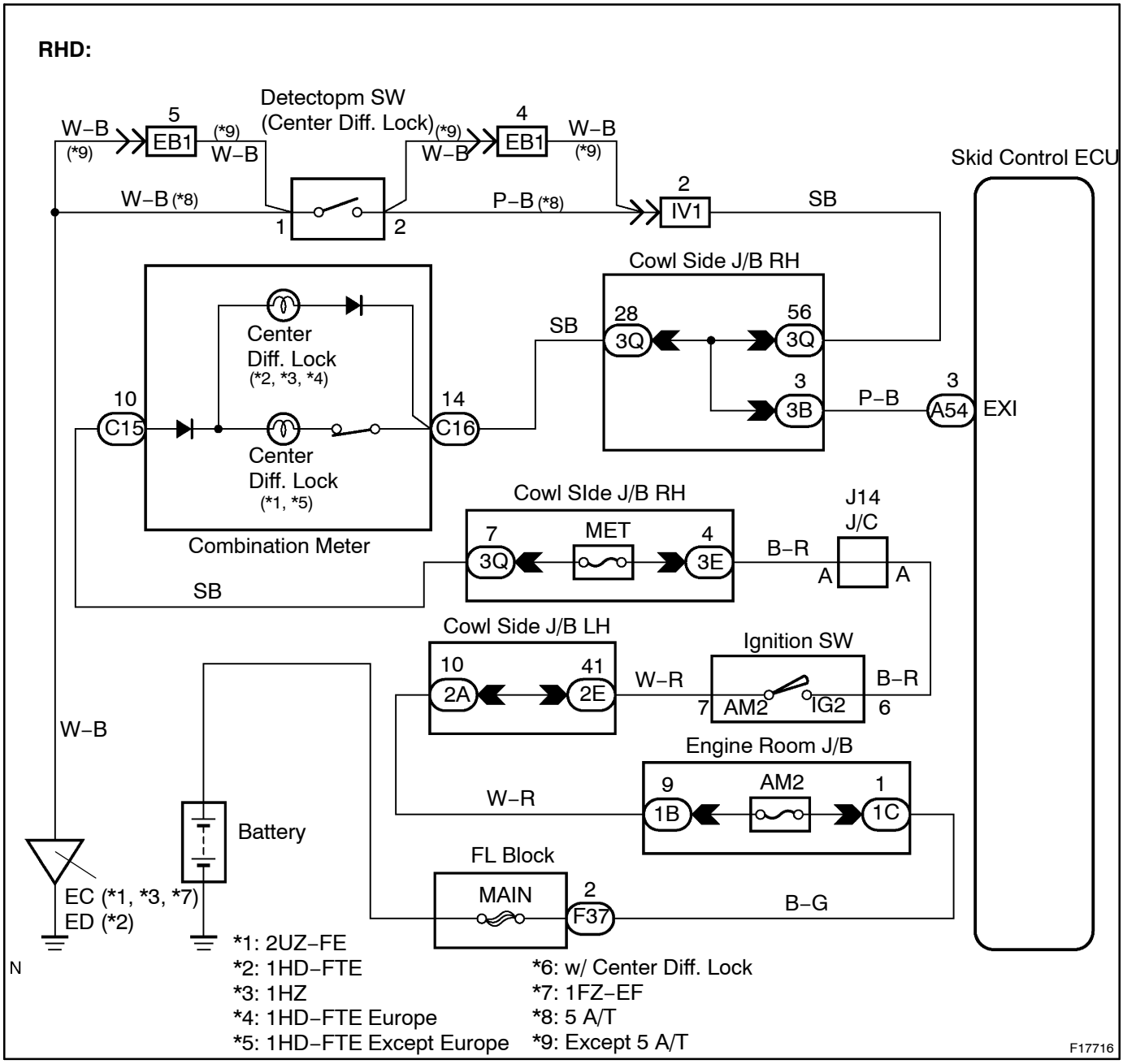
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1240 / 47	Open or short circuit in center differential lock circuit.	• Center differential lock system • Center differential lock circuit

WIRING DIAGRAM

LHD:





INSPECTION PROCEDURE

1	**Check the center differential is free and center diff. lock switch is OFF.**

NG → **Repair the center differential lock system.**

OK

2	**Is DTC output?**

Check DTC on page DI–185.

NO → **END**

YES

3	**Check that bulb for center diff. lock indicator light is not burnt out.**

NG → **Replace indicator light.**

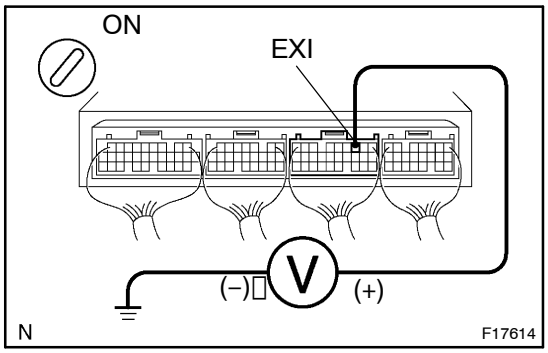
OK

4	**Check for open circuit in harness and connector between battery and center diff. lock indicator light, center diff. lock indicator light and skid control ECU (See page IN–38).**

NG → **Repair or replace harness or connector.**

OK

5	**Check voltage between terminal EXI of skid control ECU and body ground.**



PREPARATION:

Remove skid control ECU with connectors still connected.

CHECK:

(a) Turn the ignition switch ON.

(b) Measure voltage between terminal EXI of skid control ECU and body ground when transfer in L4 position.

OK:

Voltage: 10 – 14 V

NG → **Repair or replace harness or connector.**

OK

6	**Check center diff. lock indicator switch (Full–time 4WD type: See Pub. No. RM616E on page TR–53).**

NG → **Replace center diff. lock indicator switch.**

OK

Check and replace skid control ECU.