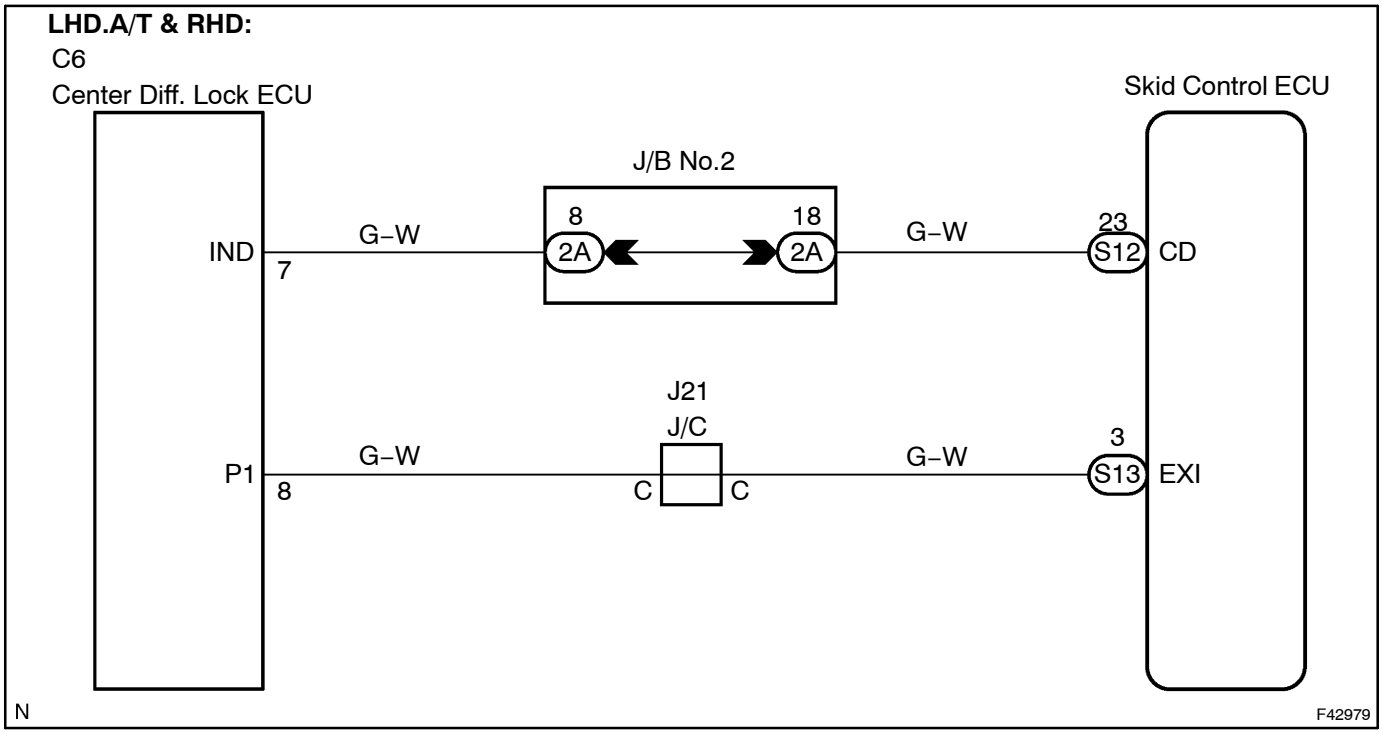
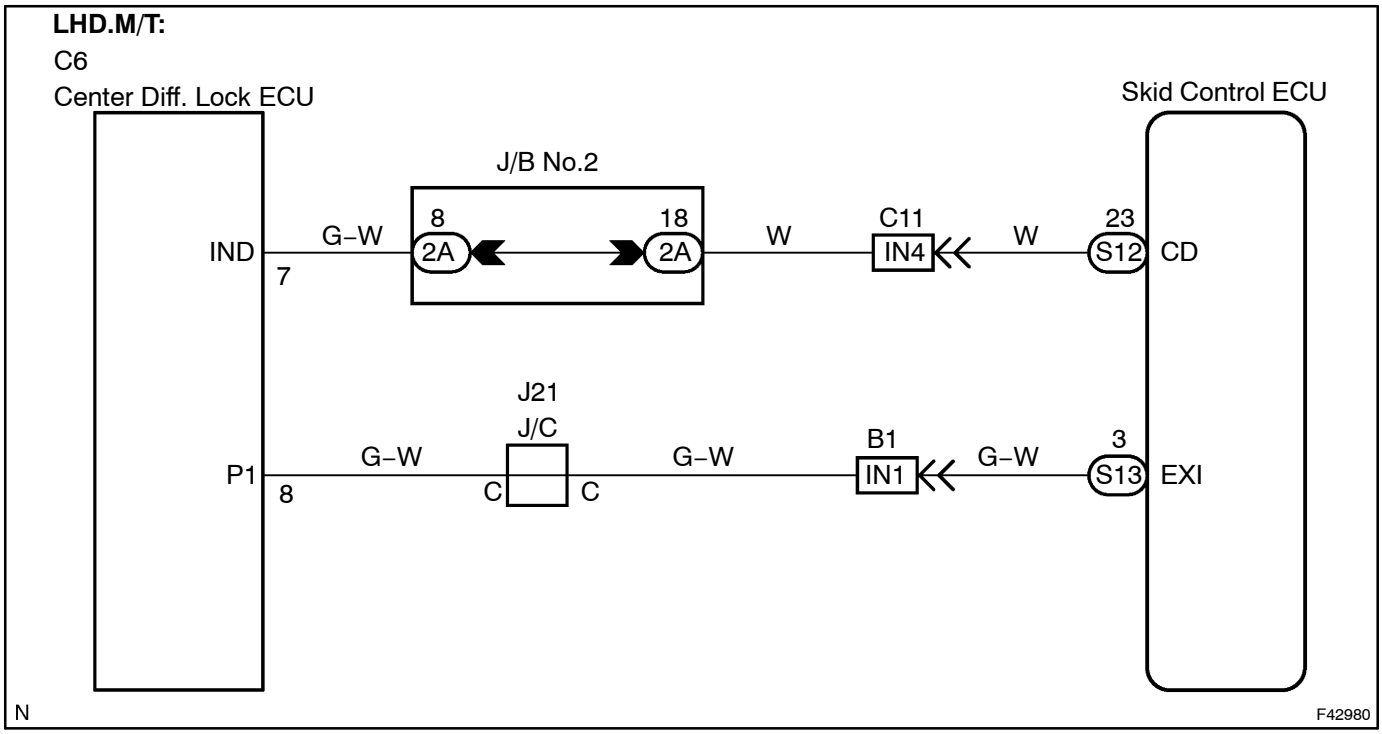
DTC C1340/47 CENTER DEFFERENTIAL LOCK CIRCUIT

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1340 / 47	Open or short circuit in center differential lock circuit.	• Center differential lock system • Center differential lock circuit • Center differential lock indicator light circuit

WIRING DIAGRAM





INSPECTION PROCEDURE

1	**CHECK THAT CENTER DIFFERENTIAL IS FREE AND CENTER DIFF. LOCK SWITCH IS OFF**

NG → **REPAIR CENTER DIFF. LOCK SYSTEM**

OK

2	**CHECK RECONFIRM DTC**

NO → **NO PROBLEM**

YES

3	**CHECK THAT BULB FOR CENTER DIFF. LOCK INDICATOR LIGHT IS NOT BURNT OUT**

YES → **CHECK AND REPLACE COMBINATION METER ASSY**

NO

4	**CHECK HARNESS AND CONNECTOR(CENTER DIFF. LOCK SWITCH – SKID CONTROL ECU)**

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

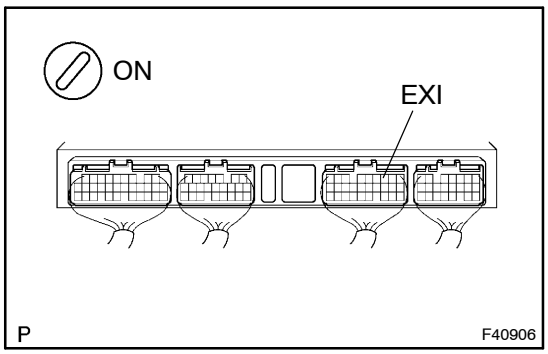
OK

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

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

OK

6	INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(EXI TERMINLAL)



(a) Remove the skid control ECU with connector still connected.
(b) Turn the ignition switch ON.
(c) Measure the voltage between terminal EXI of skid control ECU and body ground.
OK:
When center diff. lock: Below 2 V
When center diff. free: 8 – 14 V

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

OK

7	INSPECT CENTER DIFF. LOCK DETECTION SWITCH

NG → **REPLACE CENTER DIFF. LOCK DETECTION SWITCH**

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY