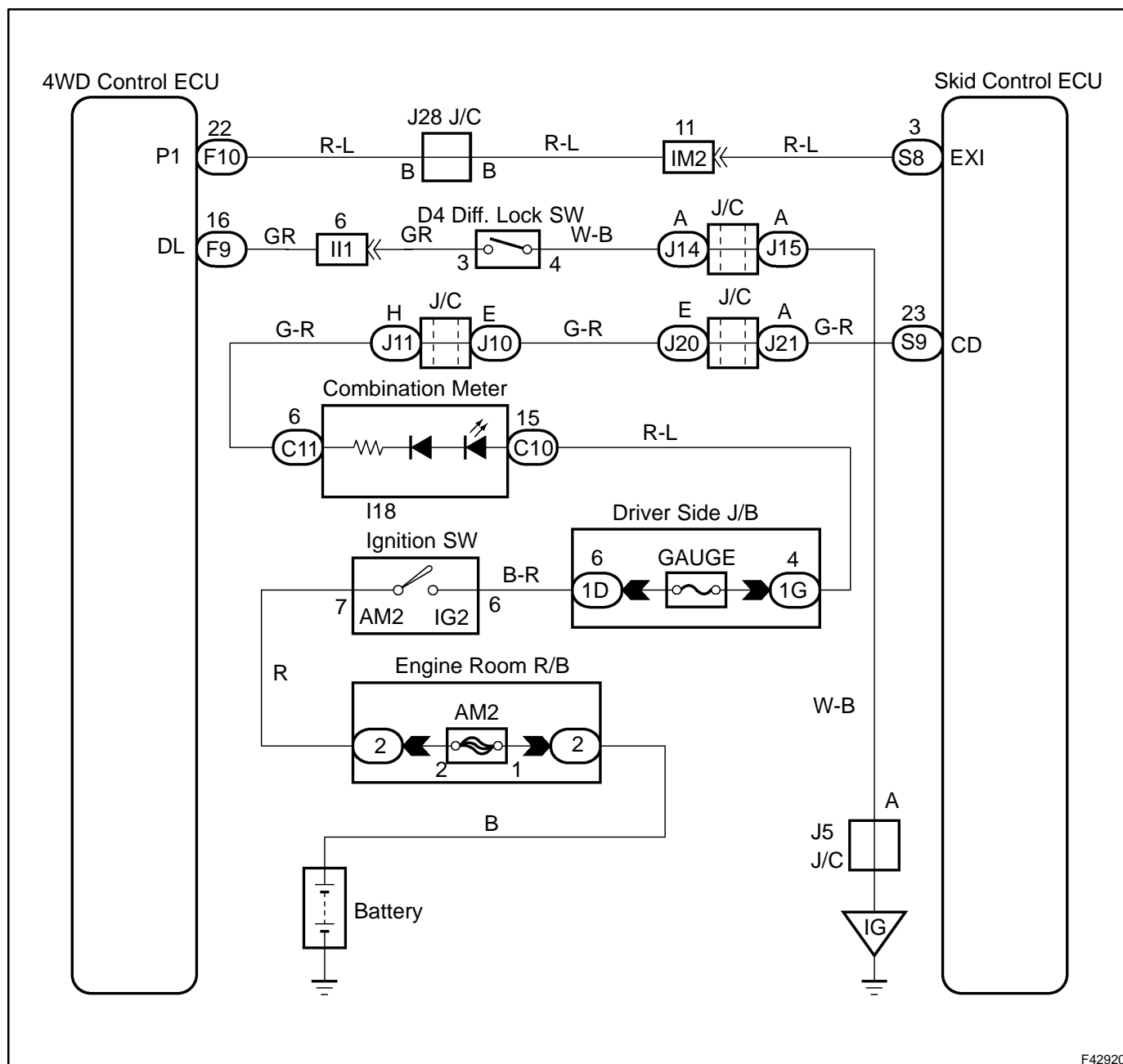


DTC**C1340/47****CENTER DEFFERENTIAL LOCK CIRCUIT****CIRCUIT DESCRIPTION**

DTC No.	DTC Detecting Condition	Trouble Area
C1340 / 47	Open or short circuit in center differential lock circuit.	<ul style="list-style-type: none"> Center differential lock system Center differential lock circuit Center differential lock indicator light circuit

WIRING DIAGRAM

F42920

INSPECTION PROCEDURE

1	CHECK THAT CENTER DIFFERENTIAL IS FREE AND CENTER DIFF. LOCK SWITCH IS OFF
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NG**REPAIR CENTER DIFF. LOCK SYSTEM****OK**

2	CHECK RECONFIRM DTC
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NO**NO PROBLEM****YES**

3	CHECK THAT BULB FOR CENTER DIFF. LOCK INDICATOR LIGHT IS NOT BURNT OUT
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YES**CHECK AND REPLACE COMBINATION METER ASSY****NO**

4	CHECK HARNESS AND CONNECTOR(CENTER DIFF. LOCK SWITCH - SKID CONTROL ECU)
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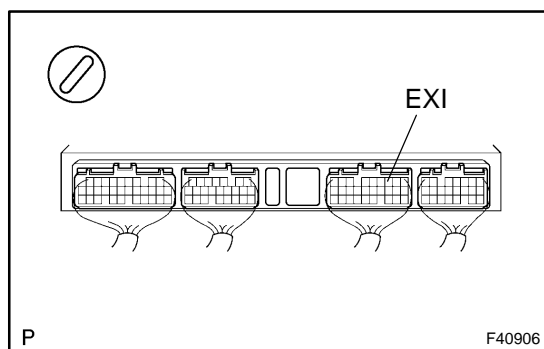
- (a) Check for open and short circuit in harness and connector between center diff. lock switch and skid control ECU (See page [01-35](#)).

NO**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK**

5	CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU - COMBINATION METER)
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- (a) Check for open and short circuit in harness and connector between skid control ECU and combination meter (See page [01-35](#)).

NO**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK**

6 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(EXI TERMINAL)

- (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. lock: 8 - 14 V****NG****REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****7 INSPECT CENTER DIFF. LOCK DETECTION SWITCH****NG****REPAIR OR REPLACE CENTER DIFF. LOCK DETECTION SWITCH****OK****CHECK AND REPLACE SKID CONTROL ECU ASSY**