

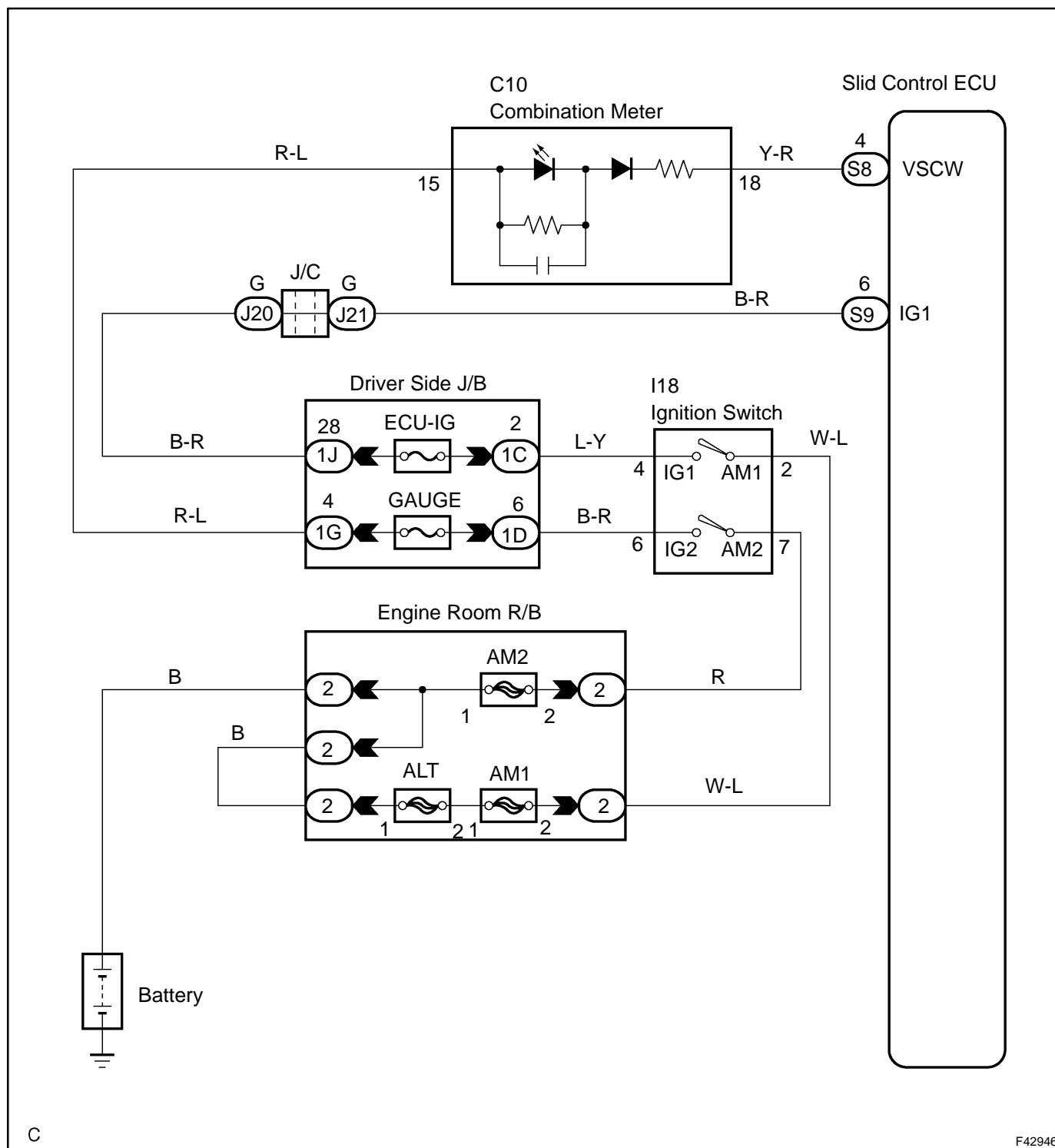
DTC	AlwaysON	MALFUNCTION IN ECU(VSC WARNING LIGHT)
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CIRCUIT DESCRIPTION

If the ECU stores DTC, the VSC warning light lights on the combination meter.

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Malfunction in skid control EU	<ul style="list-style-type: none"> • Battery • IC regulator • Power source circuit • Skid control ECU

WIRING DIAGRAM



F42946

INSPECTION PROCEDURE

1 CHECK DTC FOR VSC

- (a) Check DTC on page [05-307](#) .

YES

REPAIR CIRCUIT INDICATED BY OUTPUT CODE

NO

2 INSPECT SKID CONTROL ECU CONNECTOR SECURELY CONNECTED

NO

CONNECT CONNECTOR TO ECU

YES

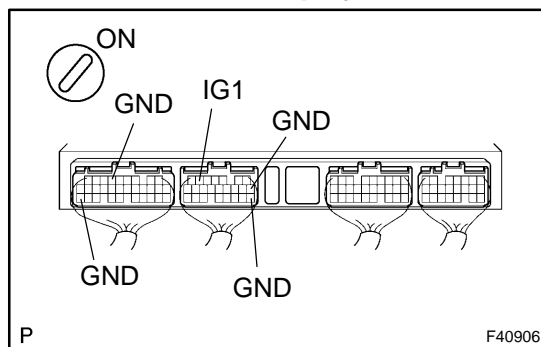
3 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)

IN CASE OF USING HAND-HELD TESTER:

- (a) Check the voltage condition output from the ECU displayed on the hand-held tester.

OK:

"Normal" is displayed.



IN CASE OF NOT USING HAND-HELD TESTER:

- Remove the skid control ECU with connectors still connected.
- Turn the ignition switch ON.
- Measure voltage between terminals IG1 and GND of skid control ECU.

OK:

Voltage: 10 - 14 V

OK

Go to step 5

NG

4 INSPECT BATTERY

OK:

Voltage: 10 - 14 V

NG

CHECK AND REPLACE CHARGING SYSTEM

OK

5 CHECK HARNESS AND CONNECTOR(DLC3 - SKID CONTROL ECU)

- (a) Check for short circuit in harness and connector between terminal Tc of DLC3 and skid control ECU (See page [01-35](#)).

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****6 CHECK VSC WARNING LIGHT**

- (a) See combination meter troubleshooting on page [05-1053](#) .

NG**REPAIR OR REPLACE COMBINATION METER ASSEMBLY****OK****7 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 [01-35](#)).

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****CHECK AND REPLACE SKID CONTROL ECU ASSY**