

DAC Indicator Light Remains ON

DESCRIPTION

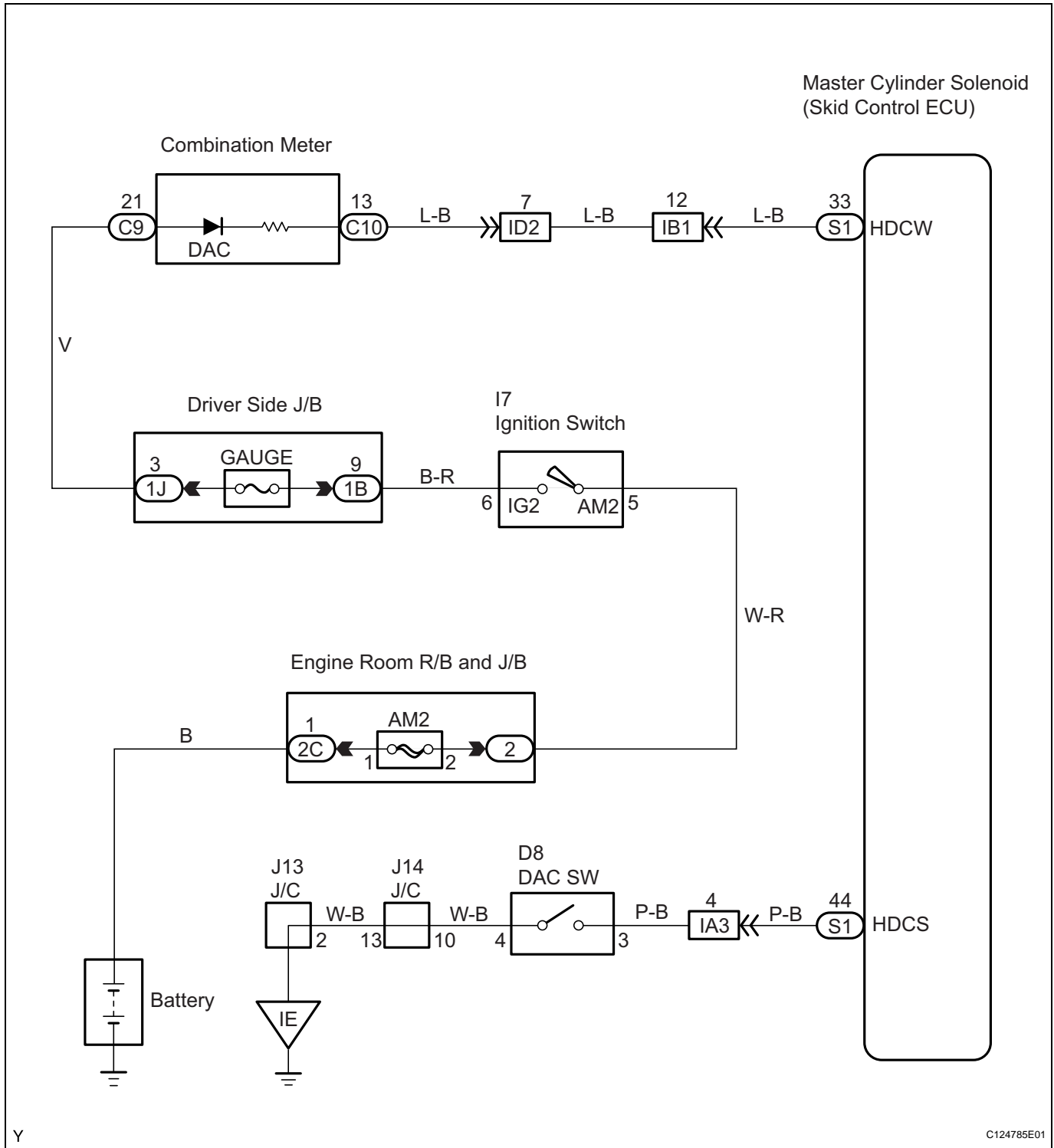
When the Downhill Assist Control (DAC) switch is pushed on, the DAC function is available and the DAC indicator light illuminates.

HINT:

Even if the DAC switch is pressed, the DAC indicator light blinks and DAC does not activate under the following conditions:

- Transfer is in 2WD or H4 mode.
- ABS system is malfunctioning.
- Temperature of the hydraulic brake booster increases and DAC is temporarily canceled.

WIRING DIAGRAM


1 CHECK SKID CONTROL ECU CONNECTOR

(a) Check the ECU connecting condition.

OK:

The connector is securely connected.

NG
CONNECT CONNECTOR CORRECTLY

OK

2

INSPECT BATTERY

- (a) Check the battery voltage.

Standard:
11 to 14 V

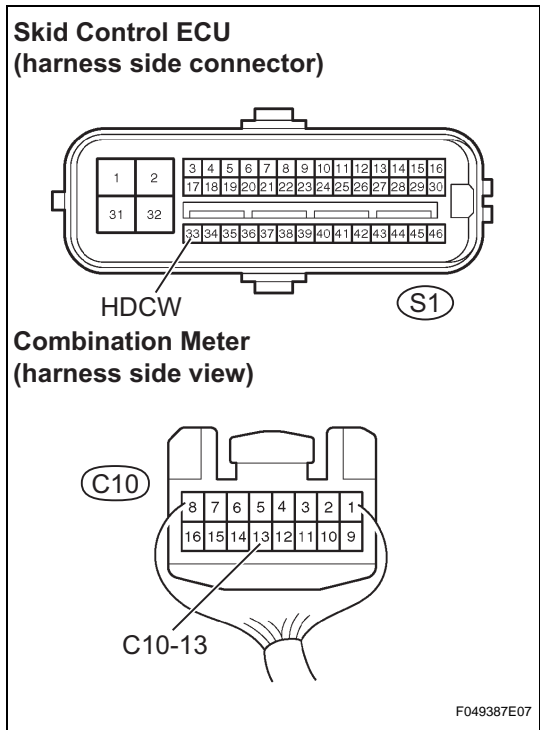
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INSPECT CHARGING SYSTEM

OK

3

CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - COMBINATION METER)



- (a) Disconnect the skid control ECU connector.
(b) Disconnect the combination meter connector.
(c) Measure the resistance.

Standard

Tester Connection	Specified Condition
S1-33 (HDCW) - C10-13	Below 1 Ω
S1-33 (HDCW) - Body ground	10 kΩ or higher

- (d) Reconnect the combination meter connector.
(e) Reconnect the skid control ECU connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

INSPECT COMBINATION METER ASSEMBLY

- (a) Check the combination meter system (See page [ME-8](#)).

OK:
Combination meter is normal.

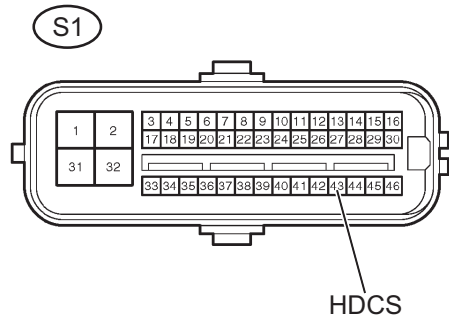
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REPLACE COMBINATION METER ASSEMBLY

OK

5 INSPECT SKID CONTROL ECU (HDCS TERMINAL)

Skid Control ECU
(harness side connector):



- (a) Disconnect the skid control ECU connector.
- (b) Ground terminal HDCS of the skid control ECU.

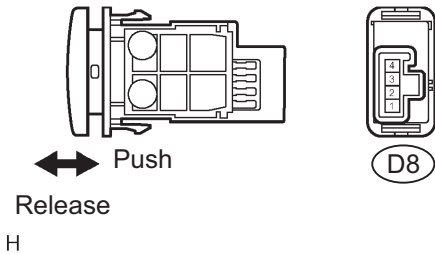
Standard

Tester Connection	Condition	Specified Condition
S1-44 (HDCS) - Body ground	DAC switch not pushed in	10 k Ω or higher

- (c) Reconnect the skid control ECU connector.

OK**REPLACE MASTER CYLINDER SOLENOID****NG****6 INSPECT DAC SWITCH**

DAC Switch:



- (a) Remove the DAC switch.
- (b) Disconnect the DAC switch connector.
- (c) Measure the resistance.

Standard

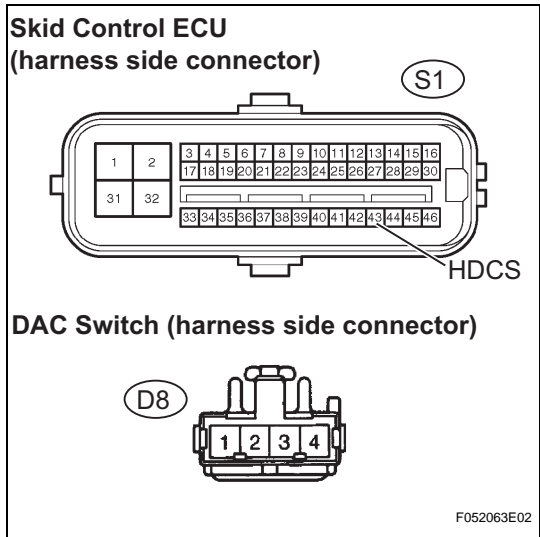
Tester Connection	Switch Condition	Specified Condition
D8-3 - D8-4	Released	10 k Ω or higher
D8-3 - D8-4	Pushed in	Below 1 Ω

- (d) Reconnect the DAC switch connector.
- (e) Reinstall the DAC switch connector.

NG**REPLACE DAC SWITCH****OK****BC**

7

CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - DAC SWITCH)



- (a) Disconnect the skid control ECU connector.
- (b) Disconnect the DAC Switch connector.
- (c) Measure the resistance.

Standard

Tester Connection	Specified Condition
S1-44 (HDCS) - D8-3	Below 1 Ω
S1-44 (HDCS) - Body ground	10 kΩ or higher
D8-4 - Body ground	Below 1 Ω

- (d) Reconnect the DAC switch connector.
- (e) Reconnect the skid control ECU connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE MASTER CYLINDER SOLENOID