

DAC INDICATOR LIGHT CIRCUIT (REMAINS ON)

CIRCUIT DESCRIPTION

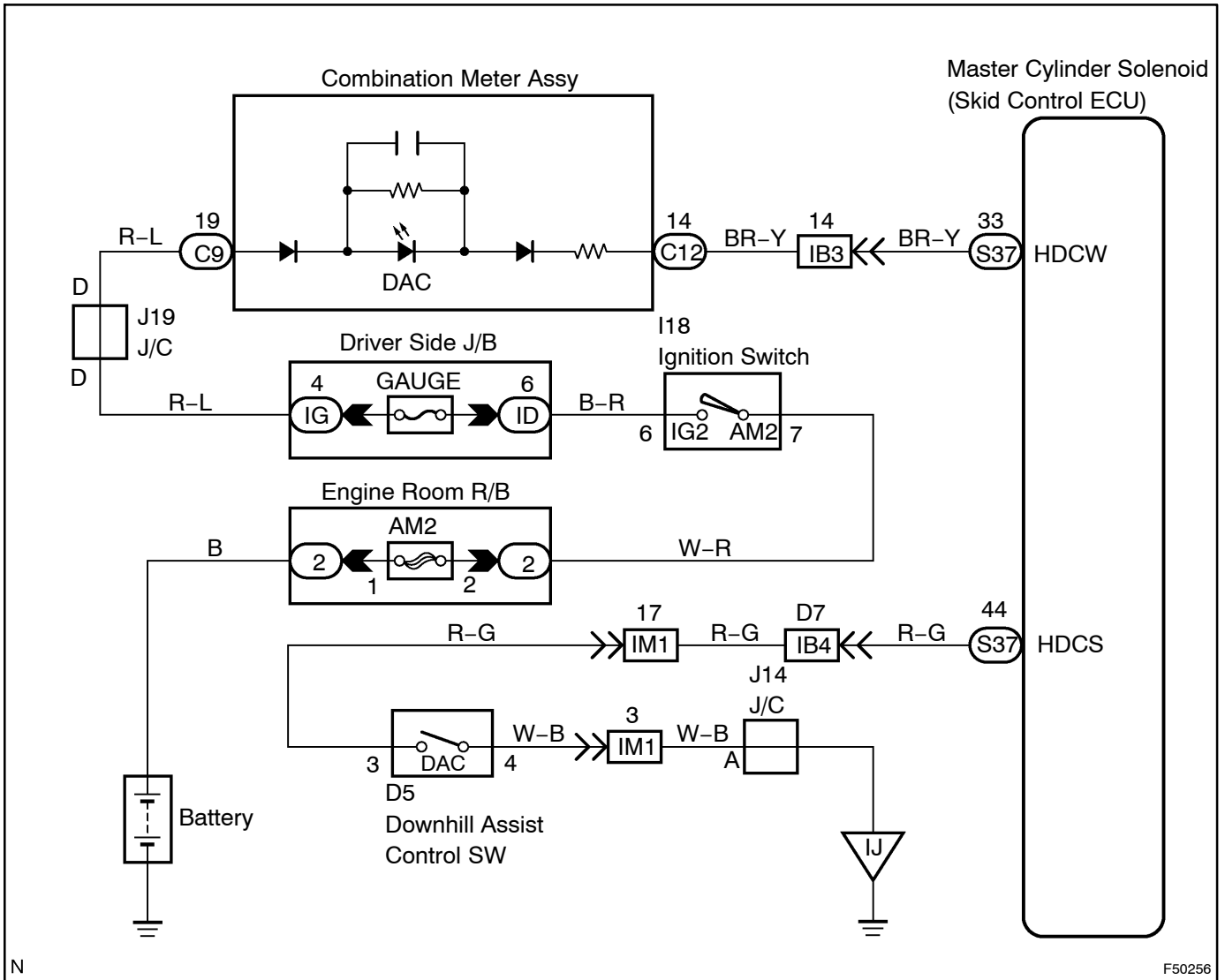
The DAC indicator light comes on when the downhill assist control is ready (see page 05-720).

HINT:

Even if the DAC switch is pressed, the DAC indicator light will blink and DAC will not be activated under the following conditions:

- The transfer indicator switch is in the H4 position.
- The ABS system is malfunctioning.
- Temperature of the hydraulic brake booster increases and DAC is temporarily canceled.

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (see page 05-734).

1 INSPECT IF SKID CONTROL ECU CONNECTOR IS SECURELY CONNECTED

- (a) Check the skid control ECU connector's connecting condition.

OK:

The connector is securely connected.

NG → CONNECT CONNECTOR TO ECU CORRECTLY

OK

2 INSPECT BATTERY

- (a) Check the battery voltage.

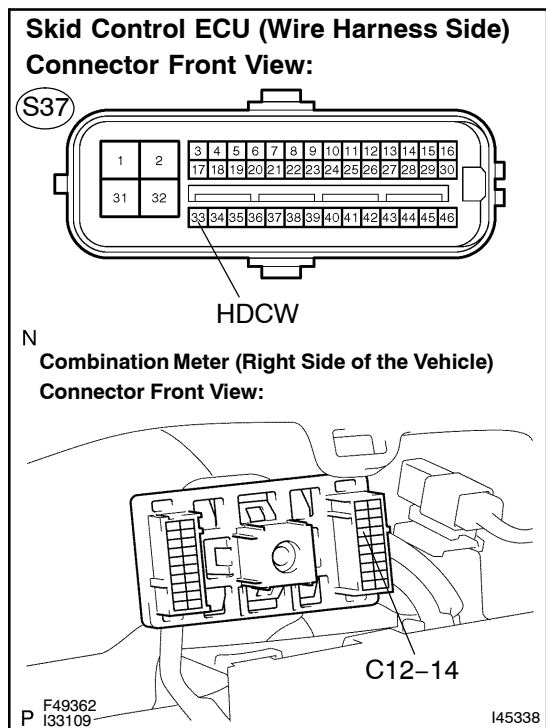
Standard:

Voltage: 11 to 14 V

NG → GO TO CHARGING SYSTEM (SEE PAGE 19-13)

OK

3 CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU AND COMBINATION METER) (SEE PAGE 01-36)



- (a) Disconnect the skid control ECU connector and combination meter connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S37-33 (HDCW) - C12-14	Below 1 Ω
S37-33 (HDCW) - Body ground	10 kΩ or higher

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR (HDCW CIRCUIT)

OK

4 INSPECT COMBINATION METER ASSY

- (a) Check the combination meter system (see page 05-2033).

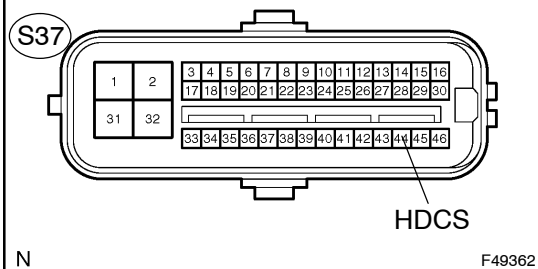
NG

**REPLACE COMBINATION METER ASSY
(SEE PAGE 71-24)**

OK

5 INSPECT SKID CONTROL ECU (HDCS TERMINAL)

Skid Control ECU (Wire Harness Side) Connector Front View:



- (a) Disconnect the skid control ECU connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specified Condition
S37-44 (HDCS) - Body ground	DAC switch is not pushed in	10 kΩ or higher

NG

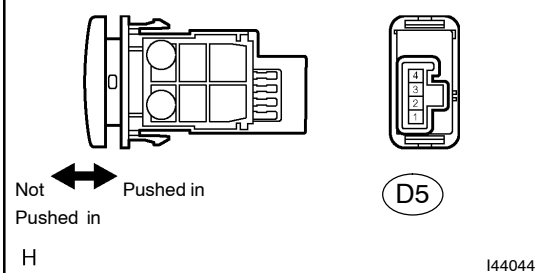
Go to step 6

OK

REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32-23)

6 INSPECT DOWNHILL ASSIST CONTROL SWITCH

Push-lock Type:



- (a) Disconnect the DAC switch connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

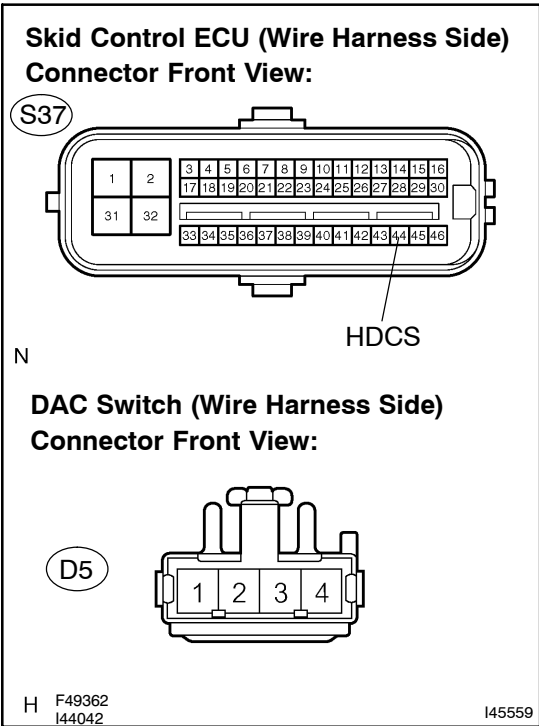
Tester Connection	Condition	Specified Condition
D5-3 - D5-4	Switch is pushed in	Below 1 Ω
D5-3 - D5-4	Switch is not pushed in	10 kΩ or higher

NG

**REPLACE DOWNHILL ASSIST CONTROL
SWITCH**

OK

7 CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU, BODY GROUND AND DOWNHILL ASSIST CONTROL SWITCH) (SEE PAGE 01-36)



(a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S37-44 (HDCS) - D5-3	Below 1 Ω
S37-44 (HDCS) - Body ground	10 kΩ or higher
D5-4 - Body ground	Below 1 Ω

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (HDCS CIRCUIT)

OK

END