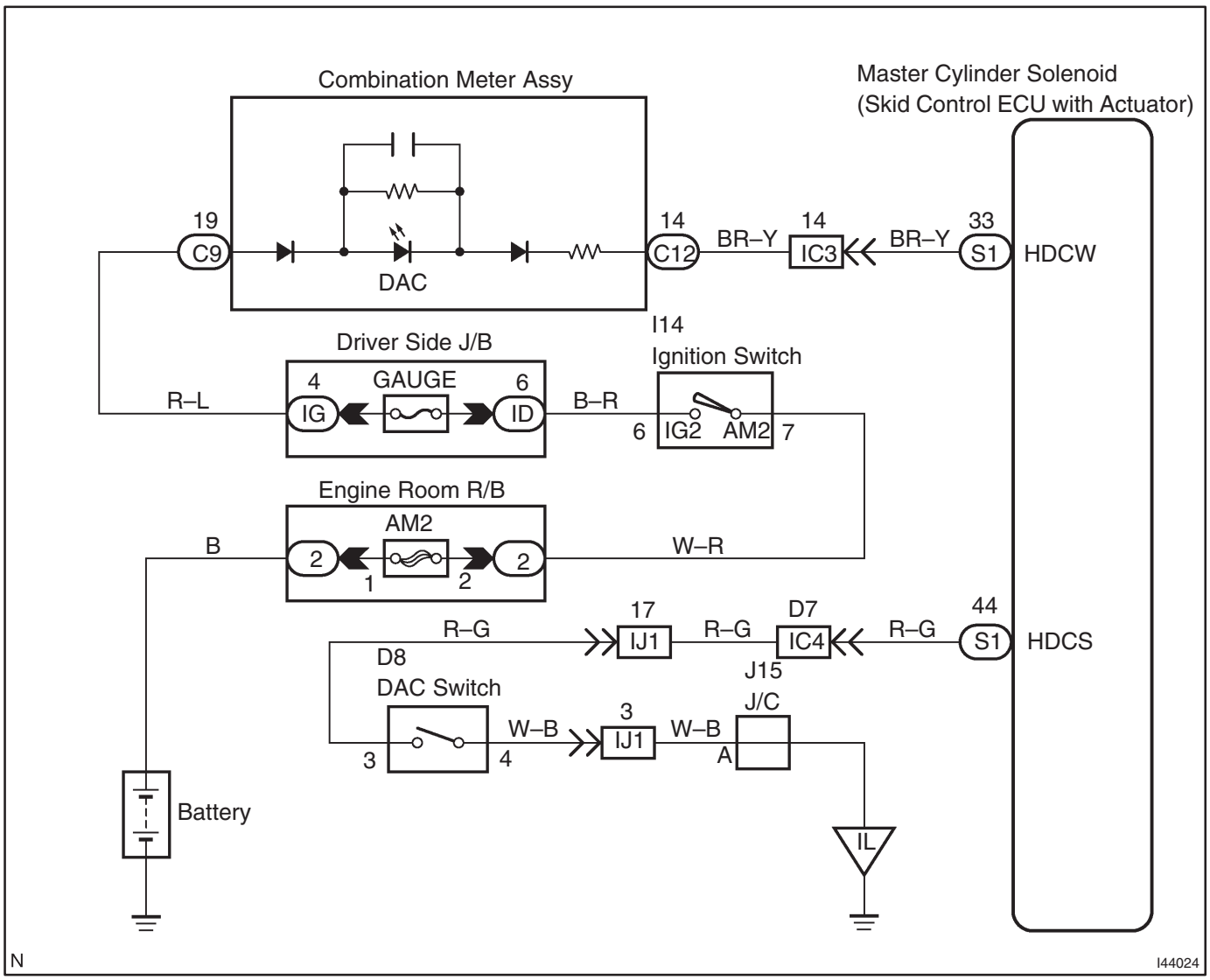
DAC INDICATOR LIGHT CIRCUIT (REMAINS ON)

CIRCUIT DESCRIPTION

The DAC indicator light comes on when the downhill assist control is ready (see page 05–730).
HINT:
Even if the DAC switch is pressed, the DAC indicator light will blink and DAC will not be activated under the following conditions:

- Transfer indicator switch is in the H4 position.
- 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 05–744).

1	INSPECT IF SKID CONTROL ECU CONNECTOR IS SECURELY CONNECTED

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

OK:

The connector should be securely connected.

NG → **CONNECT CONNECTOR TO ECU**

OK

2	INSPECT BATTERY

(a) Check the battery voltage.

Standard:

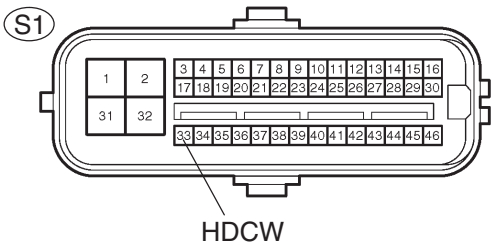
Voltage: 11 to 14 V

NG → **GO TO CHARGING SYSTEM (SEE PUB. NO. RM1017E, PAGE 19–6) (SEE PUB. NO. RM990E, PAGE 19–36)**

OK

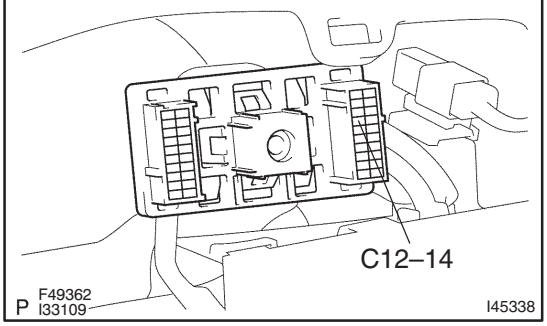
3	CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU AND COMBINATION METER) (SEE PAGE 01–26)

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



N

Combination Meter (Right Side of the Vehicle) Connector Front View:



(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
S1–33 (HDCW) – C12–14	Below 1 Ω
S1–33 (HDCW) – Body ground	10 kΩ or higher

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

OK

4 INSPECT COMBINATION METER ASSY

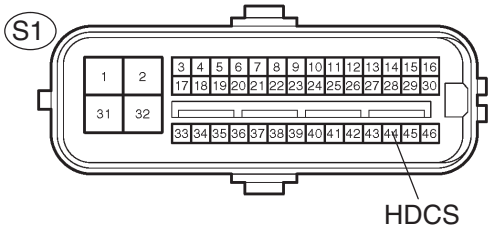
(a) Check the combination meter system (see page 05–1413).

NG → **REPLACE COMBINATION METER ASSY (SEE PUB. NO. RM990E, 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
S1–44 (HDCS) – Body ground	DAC switch is not pushed in	10 kΩ or higher

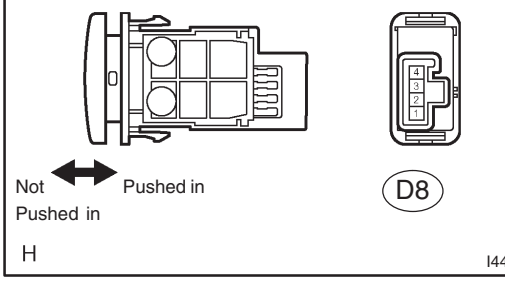
NG → **Go to step 6**

OK

REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)

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:

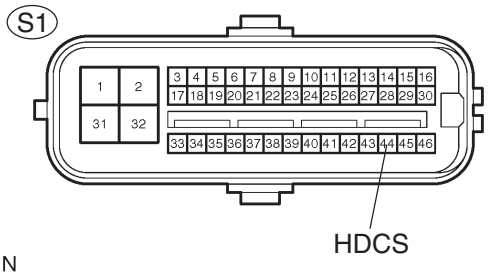
Tester Connection	Condition	Specified Condition
D8–3 – D8–4	Switch is pushed in	Below 1 Ω
D8–3 – D8–4	Switch is not pushed in	10 kΩ or higher

NG → **REPLACE DOWNHILL ASSIST CONTROL SWITCH**

OK

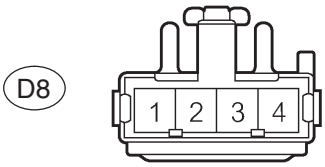
7	CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU, BODY GROUND AND DOWNHILL ASSIST CONTROL SWITCH) (SEE PAGE 01–26)

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



N

DAC Switch (Wire Harness Side) Connector Front View:



H F49362 I44042 I45559

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

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

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

OK

END