DAC INDICATOR LIGHT CIRCUIT (DOES NOT COME ON)

CIRCUIT DESCRIPTION

See page 05–898.

WIRING DIAGRAM

See page 05–898.

INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (see page 05–744).

1	INSPECT DAC INDICATOR LIGHT

(a) Disconnect the skid control ECU connector.
(b) Ground terminal HDCW of the skid control ECU.
(c) Turn the ignition switch to the ON position.
(d) Check that the DAC indicator light comes on.

OK:

DAC indicator light comes on.

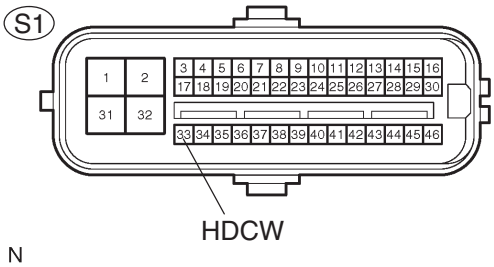
NG → **Go to step 2**

OK

REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)

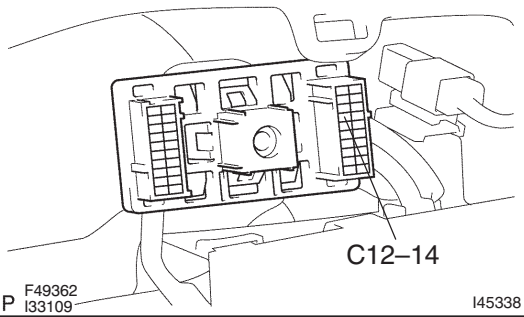
2	CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU AND COMBINATION METER) (SEE PAGE 01–26)

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



N

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



(a) Disconnect the 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

3 INSPECT COMBINATION METER ASSY

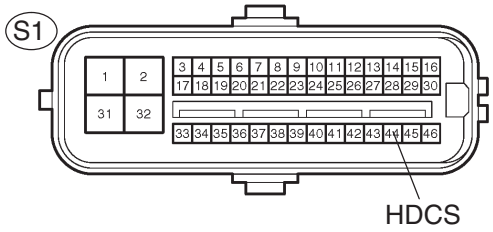
(a) Check the combination meter system (see page 05–1413).

NG → **REPLACE COMBINATION METER ASSY (SEE PUB. NO. RM990E, PAGE 71–24)**

OK

4 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 pushed in	Below 1 Ω

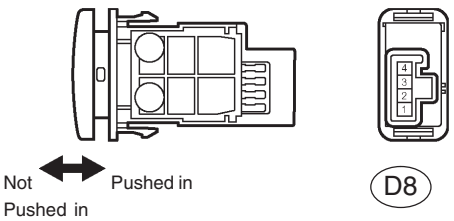
NG → **Go to step 6**

OK

REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)

5 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:

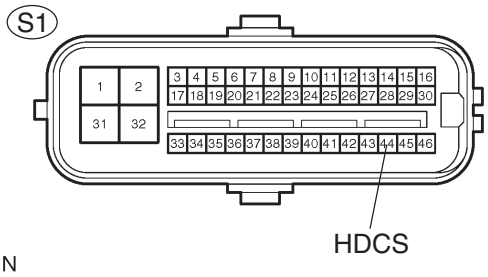
Tester Connection	Condition	Specified Condition
D8–3 – D8–4	Switch is pushed in	Below 1 Ω
D8–3 – D8–4	Switch is not pushed in	10 kΩ or higher

NG → **REPLACE DOWNHILL ASSIST CONTROL SWITCH**

OK

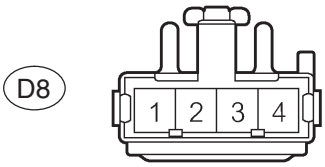
6	CHECK HARNESS AND CONNECTOR (BETWEEN SKID CONTROL ECU, BODY GROUND AND DOWNHILL ASSIST CONTROL SWITCH) (SEE PAGE 01–26)

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