

DTC	C1379/74	Downhill Assist Control Operation Switch (Test Mode DTC)
-----	----------	--

DESCRIPTION

The downhill assist control switch is connected to the skid control ECU in the ABS and TRACTION actuator.

DTC C1379/74 can be detected when the downhill assist control switch sends the downhill assist control switch signal or test mode ends. DTC C1379/74 is output only in test mode.

DTC No. DTC	DTC Detection Condition	Trouble Area
C1379/74	Detected only during test mode.	Downhill assist control switch

WIRING DIAGRAM

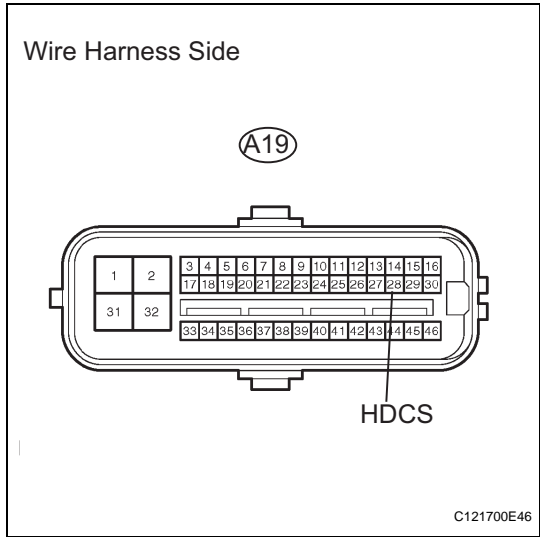
Refer to downhill assist control switch circuit (see page [BC-157](#)).

INSPECTION PROCEDURE

NOTICE:

When replacing the ABS and TRACTION actuator, perform zero point calibration (see page [BC-24](#)).

BC	1	CHECK WIRE HARNESS (SKID CONTROL ECU - BODY GROUND)
----	---	---



NG

(a) Disconnect the A19 ECU.

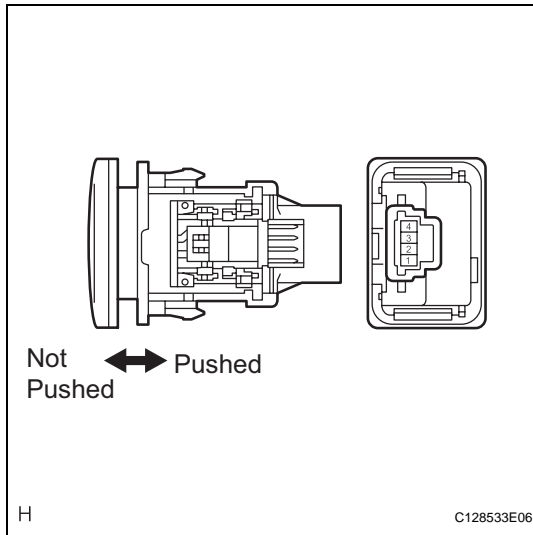
(b) Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
A19-28 (HDCS) - Body ground	Downhill assist control switch is not pushed	10 kΩ or higher

OK

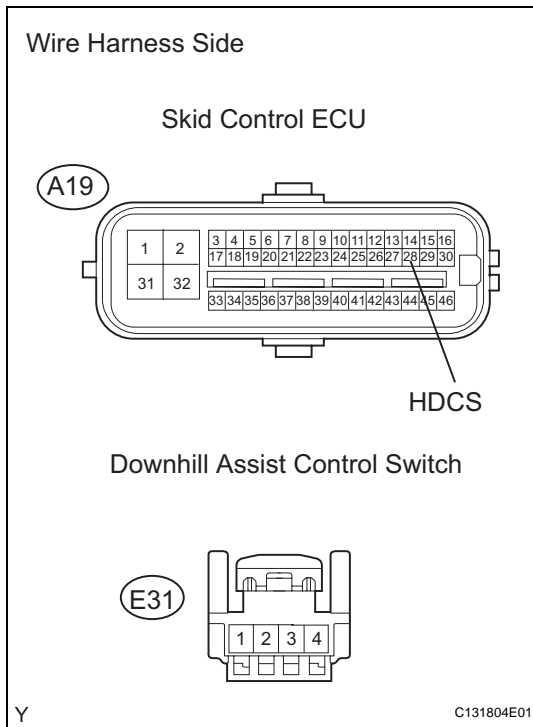
REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY

2 INSPECT DOWNHILL ASSIST CONTROL SWITCH

- Remove the downhill assist control switch.
- Measure the resistance of the switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
4 - 1	Switch is pushed	Below 1 Ω
4 - 1	Switch is not pushed	10 k Ω or higher

NG**REPLACE DOWNHILL ASSIST CONTROL SWITCH****OK****BC****3 CHECK WIRE HARNESS (SKID CONTROL ECU - DOWNHILL ASSIST CONTROL SWITCH)**

- Disconnect the A19 ECU connector.
- Disconnect the E31 switch connector.
- Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
A19-28 (HDCS) - E31-4	Below 1 Ω
E31-4 - Body ground	Below 1 Ω
A19-28 (HDCS) - Body ground	10 k Ω or higher

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY**