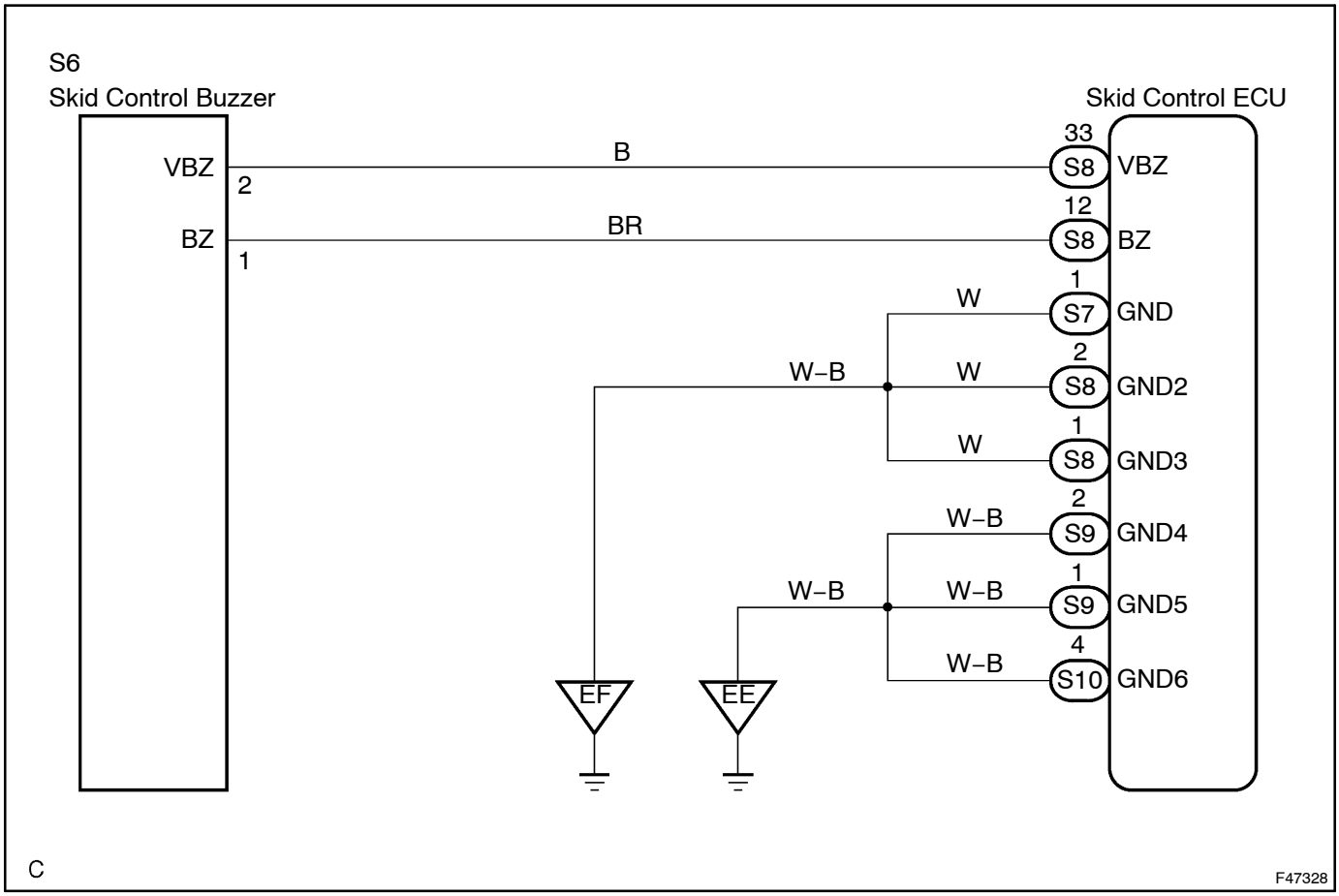
SKID CONTROL BUZZER CIRCUIT

CIRCUIT DESCRIPTION

The skid control buzzer sounds and VSC warning lamp comes ON during VSC+ operation.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST BY INTELLIGENT TESTER II (SKID CONTROL BUZZER)

(a) Connect the intelligent tester II to the DLC3.
(b) Start the engine.
(c) Select the item "VSC H/B Warning Buzzer" in the ACTIVE TEST and operate the skid control buzzer on the intelligent tester II.

Item	Vehicle Condition / Test Details	Diagnostic Note
VSC H/B Warning Buzzer	Turns VSC / BRAKE warning buzzer ON / OFF	Buzzer can be heard

(d) Check that skid control buzzer sounds by operating with the intelligent tester II.
OK:
The skid control buzzer sounds in accordance with operation of the intelligent tester II.

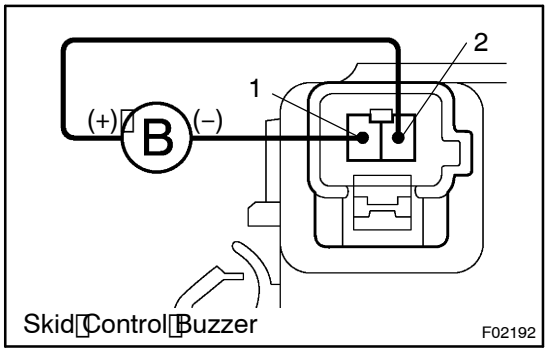
NG → **Go to step 2**

OK

REPLACE SKID CONTROL ECU (SEE PAGE 32–81 or 32–82)

NOTICE:
When replacing the skid control ECU assy, perform initialization of linear solenoid valve and calibration (see page 05–721).

2	INSPECT SKID CONTROL BUZZER ASSY

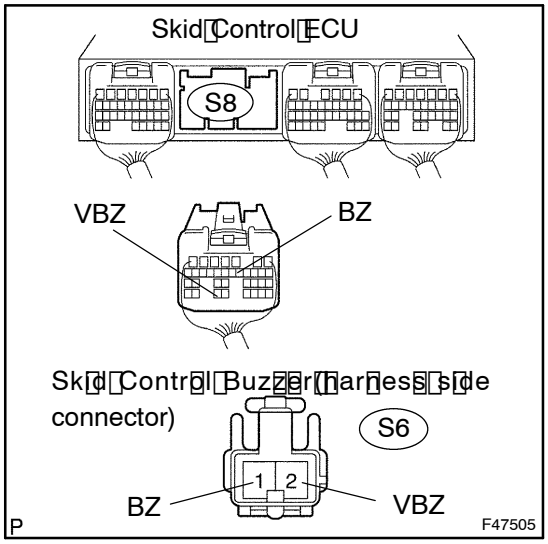


(a) Disconnect the skid control buzzer connector.
(b) Apply a battery positive voltage to terminals 1 and 2 of the skid control buzzer connector, and check that the buzzer sounds.
OK:
The skid control buzzer sound should be heard.

NG → **REPLACE SKID CONTROL BUZZER ASSY**

OK

3	CHECK HARNESS AND CONNECTOR(SKID CONTROL BUZZER – SKID CONTROL ECU)



(a) Disconnect the skid control buzzer connector and the skid control ECU connector.

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

Standard:

Tester Connection	Specified Condition
S8–33 (VBZ) – S6–2 (VBZ)	Below 1 Ω
S8–12 (BZ) – S6–1 (BZ)	Below 1 Ω

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

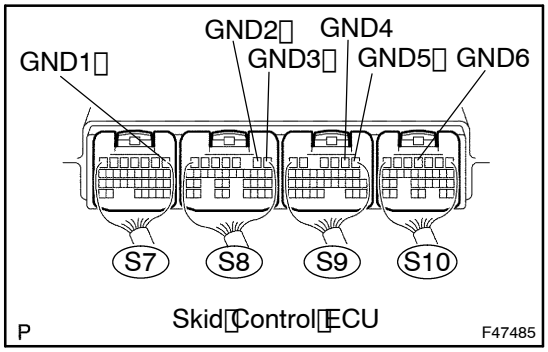
Standard:

Tester Connection	Specified Condition
S8–33 (VBZ) – Body ground	10 kΩ or higher
S8–12 (BZ) – Body ground	10 kΩ or higher

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

OK

4	CHECK HARNESS AND CONNECTOR(GND – BODY GROUND)



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

Standard:

Tester Connection	Specified Condition
S7–1 (GND1) – Body ground	Below 1 Ω
S8–2 (GND2) – Body ground	Below 1 Ω
S8–1 (GND3) – Body ground	Below 1 Ω
S9–2 (GND4) – Body ground	Below 1 Ω
S9–1 (GND5) – Body ground	Below 1 Ω
S10–4 (GND6) – Body ground	Below 1 Ω

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

OK

REPLACE SKID CONTROL ECU (SEE PAGE 32–81 or 32–82)

NOTICE:
When replacing the skid control ECU assy, perform initialization of linear solenoid valve and calibration (see page 05–721).