Parking Brake Switch Circuit
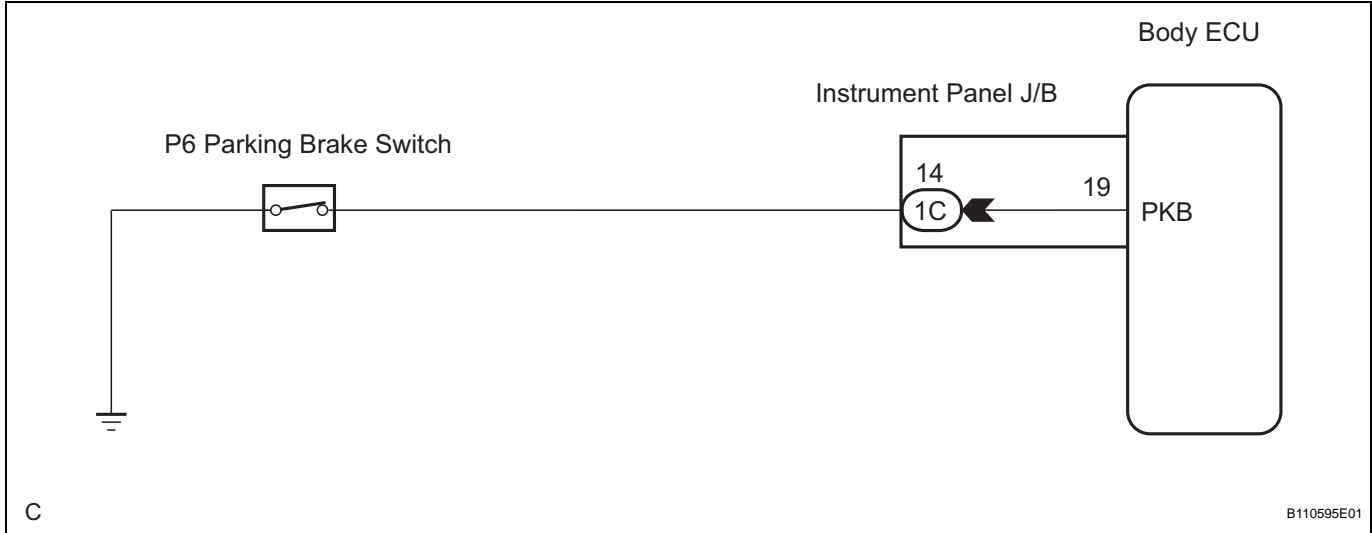
DESCRIPTION

The Multiplex network body ECU receives the parking brake switch signal.

WIRING DIAGRAM

B110595E01

1	READ VALUE OF INTELLIGENT TESTER

      (a) Connect the intelligent tester to the DLC3.
      (b) Turn the ignition switch to the ON position and press the intelligent tester main switch ON.
      (c) Select the items below in the DATA LIST, and read the displays on the intelligent tester.

BODY

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
PARKING BRAKE SW	Parking brake SW signal/ON or OFF	ON: Parking brake switch is ON OFF: Parking brake switch is OFF	-

NG >	Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

2	INSPECT PARKING BRAKE SWITCH ASSEMBLY

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

Resistance
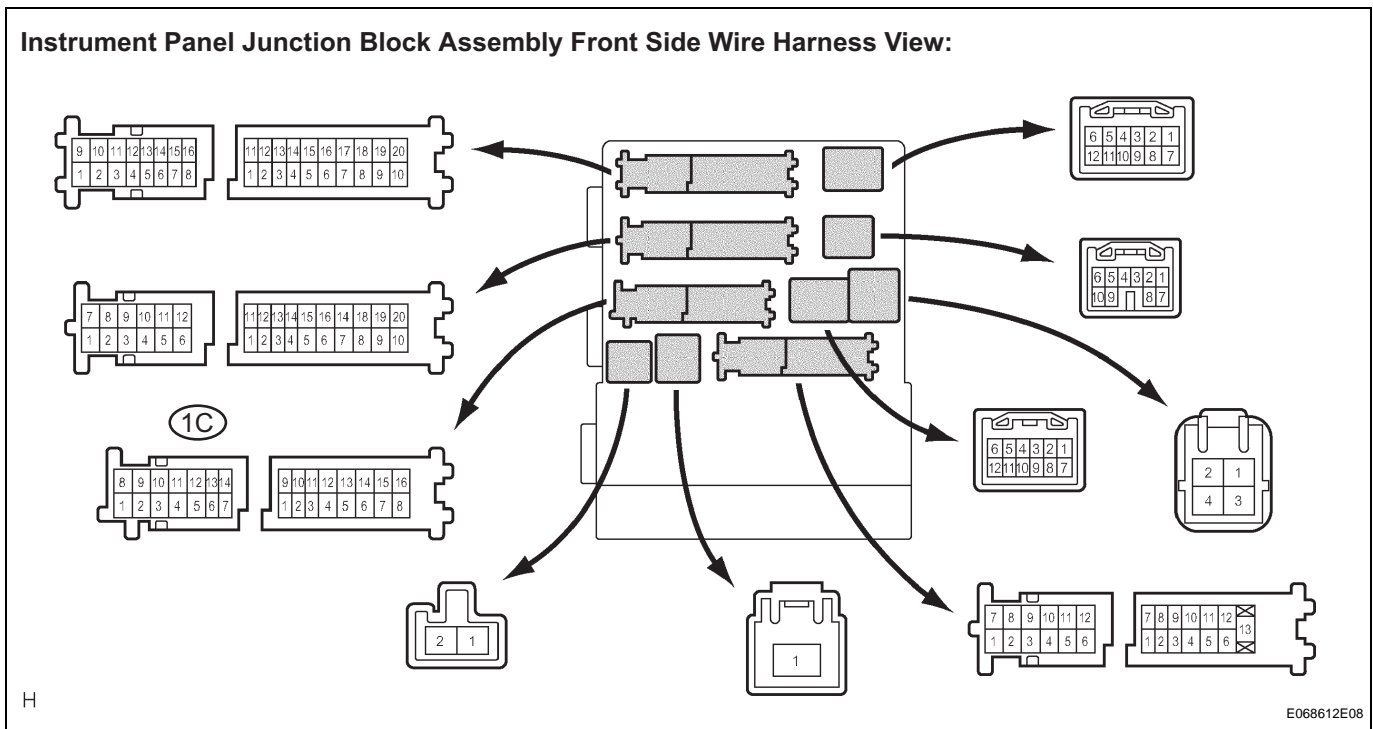
Tester connection	Condition	Specified condition
1 - Body ground	Shaft is pressed	10 kΩ or higher
1 - Body ground	Shaft is not pressed	Below 1 Ω

> **NG** > **REPLACE PARKING BRAKE SWITCH ASSEMBLY**

OK

3	**CHECK HARNESS AND CONNECTOR (INSTRUMENT PANEL JUNCTION BLOCK ASSEMBLY - BODY GROUND)**

(a) Disconnect the 1C connector from instrument panel junction block assembly.

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

Instrument Panel Junction Block Assembly Front Side Wire Harness View:

E068612E08

Resistance

Tester connection	Condition	Specified condition
1C-14 - Body ground	Shaft of parking brake switch is pressed	10 kΩ or higher
1C-14 - Body ground	Shaft of parking brake switch is not pressed	Below 1 Ω

> **NG** > **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE