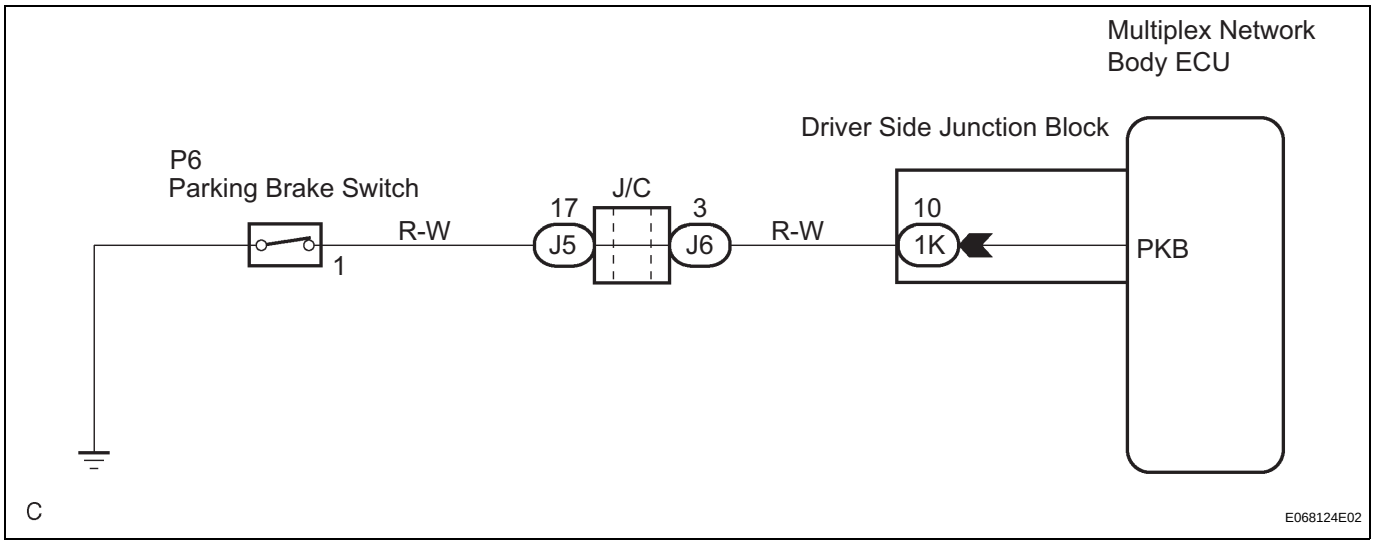
Parking Brake Switch Circuit

DESCRIPTION

The Multiplex network body ECU receives parking brake switch signal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER

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

BODY NO.1:

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

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

2	INSPECT PARKING BRAKE SWITCH ASSEMBLY

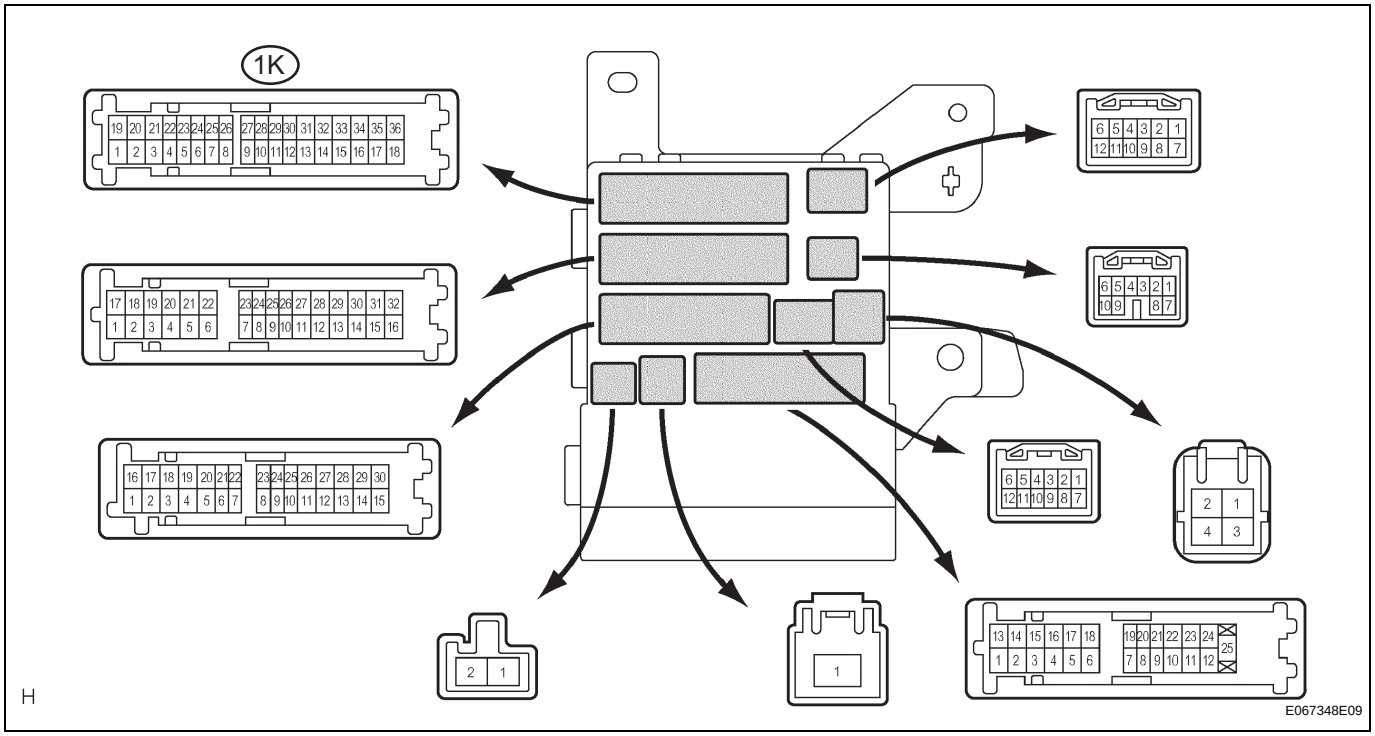
(a) Check that there is resistance between the terminal and the body ground when parking brake switch is operated.
Resistance:
ON (When shaft is pressed): No continuity: 10 kΩ or higher
OFF (When shaft is not pressed): Continuity: Below 1 Ω

NG → **REPLACE PARKING BRAKE SWITCH ASSEMBLY**

OK

3	CHECK HARNESS AND CONNECTOR

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



(b) Check the resistance between the terminal 1K-10 of the instrument panel junction block assembly connector side and body ground.

Tester Connection	Condition	Specified Condition
1K-10 - Body ground	Shaft of parking brake switch is pressed	10 kΩ or higher
1K-10 - 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

LI