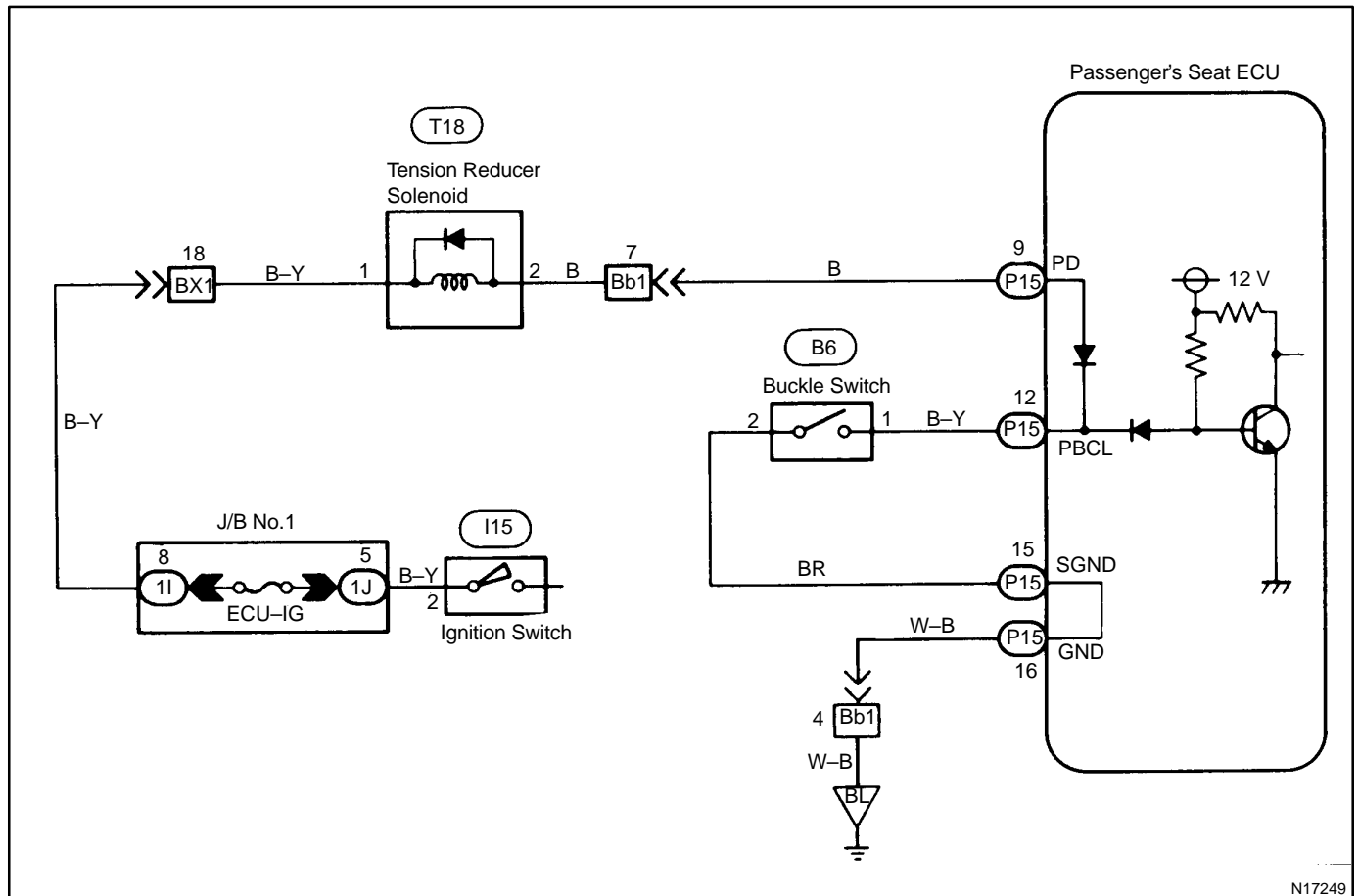


## Buckle Switch Circuit

### CIRCUIT DESCRIPTION

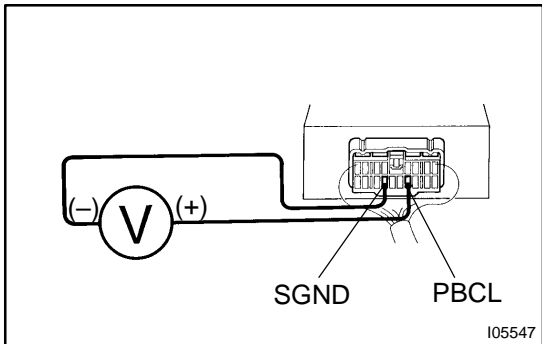
Buckle switch signal is sent to ECU when the passenger's seat belt is fastened. When the signal is input to ECU, ECU prohibits operation of the power walk-in.

### WIRING DIAGRAM



# INSPECTION PROCEDURE

## 1 Check voltage between terminal PBLC and SGND of ECU connector.



### PREPARATION:

Remove ECU with connectors still connected.

### CHECK:

Measure voltage between terminals PBCL and SGND of ECU connector, when buckle switch is on and off.

### OK:

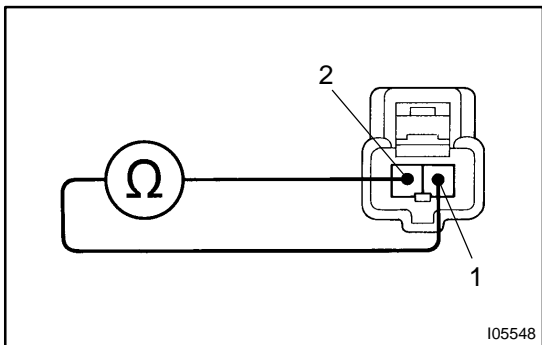
With switch ON (Tung plate is inserted into buckle switch)	Below 1 V
With switch OFF (Tung plate is not inserted into buckle switch)	10 – 14 V

OK

Proceed to next circuit inspection shown on matrix chart (See page DI-633).

NG

## 2 Check buckle switch.



### PREPARATION:

Disconnect buckle switch connector.

### CHECK:

Check continuity between terminal 1 and 2 of buckle switch connector.

### OK:

Switch condition	Terminal No. to continuity
ON	1 – 2
OFF	

NG

Replace buckle switch.

OK

3	Check for open and short in harness and connector between buckle switch and ECU, ECU and battery (See page <a href="#">IN-29</a> ).
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**NG****Repair or replace harness or connector.****OK****Check and replace ECU.**