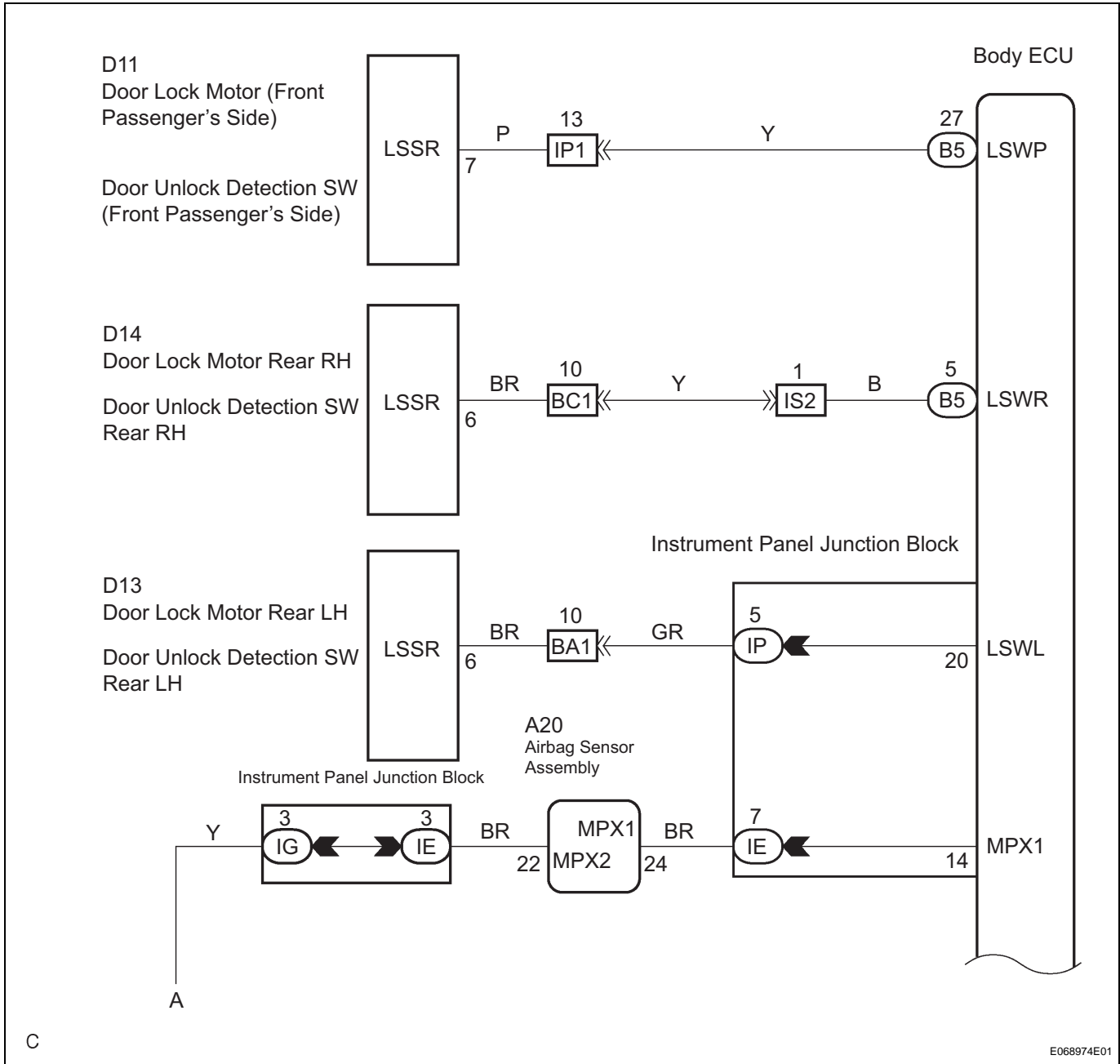


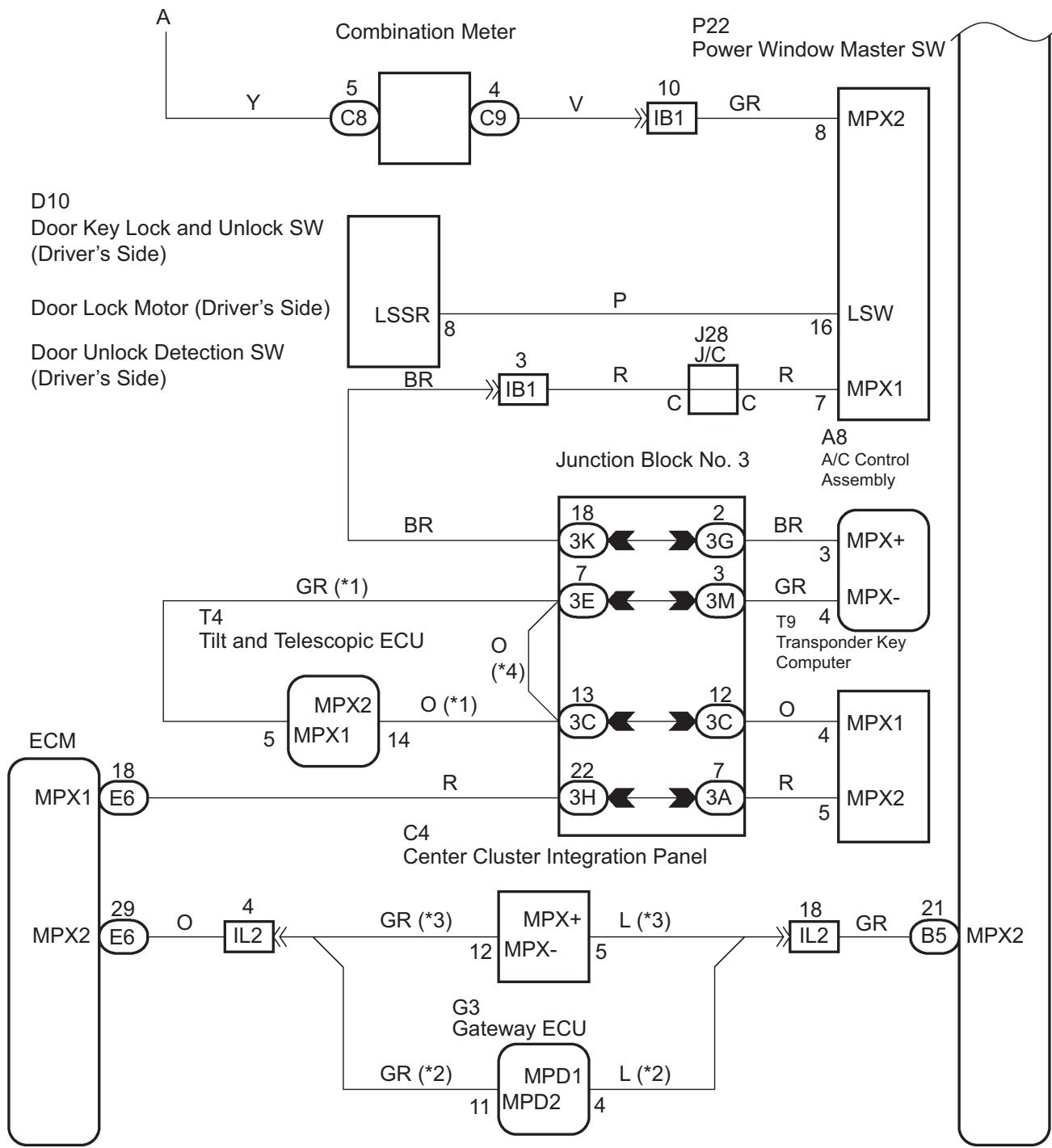
Door LOCK Position Circuit

DESCRIPTION

This circuit detects the state of the door lock detection switch and send it to the multiplex network body ECU.

WIRING DIAGRAM





*1: w/ Power Tilt and Power Telescopic

*3: w/o LEXUS Navigation System

*2: w/ LEXUS Navigation System

*4: w/o Power Tilt and Power Telescopic

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
P LOCK POS SW	Front passenger's door lock position SW signal/ON or OFF	ON: Front passenger's door lock is in unlock position OFF: Front passenger's door lock is in lock position	-
Rr. LOCK POS SW	Rear slide door lock position SW signal/ON or OFF	ON: Rear slide door lock is in unlock position OFF: Rear slide door lock is in lock position	-
D LOCK POS SW	Driver's door lock position SW signal/ON or OFF	ON: Door lock is in unlock position OFF: Door lock is in lock position	-



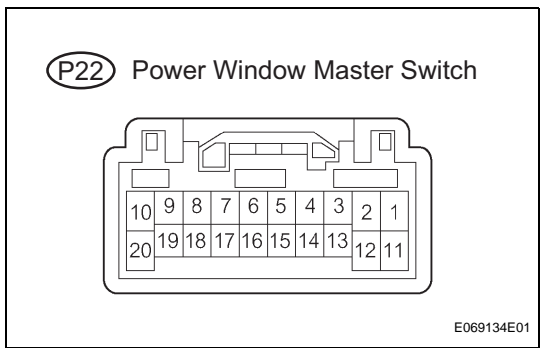
NG →

Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

2 INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSEMBLY



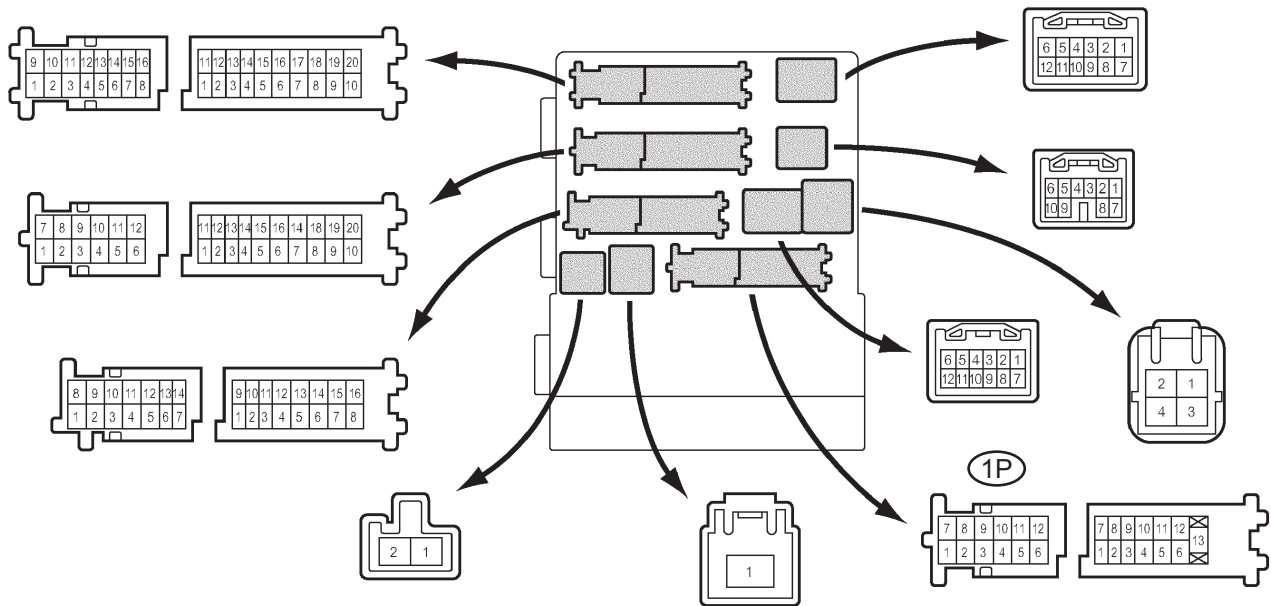
- (a) Measure the voltage according to the value(s) in the table below.

Voltage

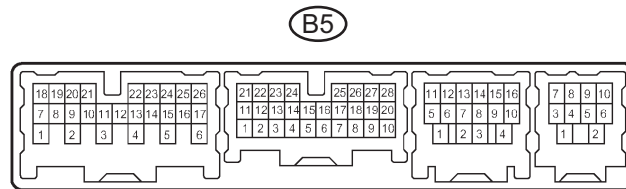
Tester connection	Condition	Specified condition
P22-16 - Body ground	Driver side door is lock → unlock	Below 1 V → 10 to 14 V

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

Instrument Panel Junction Block Assembly Front Side Wire Harness View:



Multiplex Network Body ECU:



E111818E03

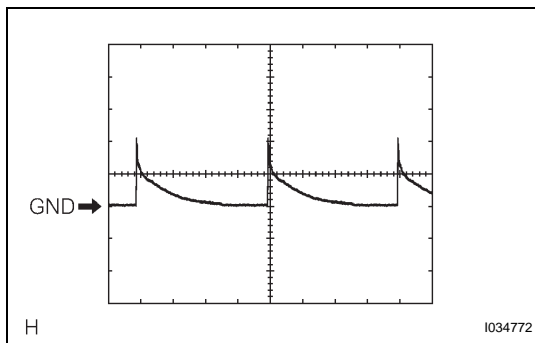
Voltage

Tester connection	Condition	Specified condition
1P-5 - Body ground	Rear LH door is lock → unlock	Below 1 V → Pulse generation (*1)
B5-5 - Body ground	Rear RH door is lock → unlock	Below 1 V → Pulse generation (*1)
B5-27 - Body ground	Front passenger door is lock → unlock	Below 1 V → 10 to 14 V

(c) *1: Oscilloscope wave

HINT:

- Gauge set: 5 V/DIV. 5 ms/DIV
- Condition: Ignition switch ON



NG → **GO TO POWER DOOR LOCK CONTROL SYSTEM**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE