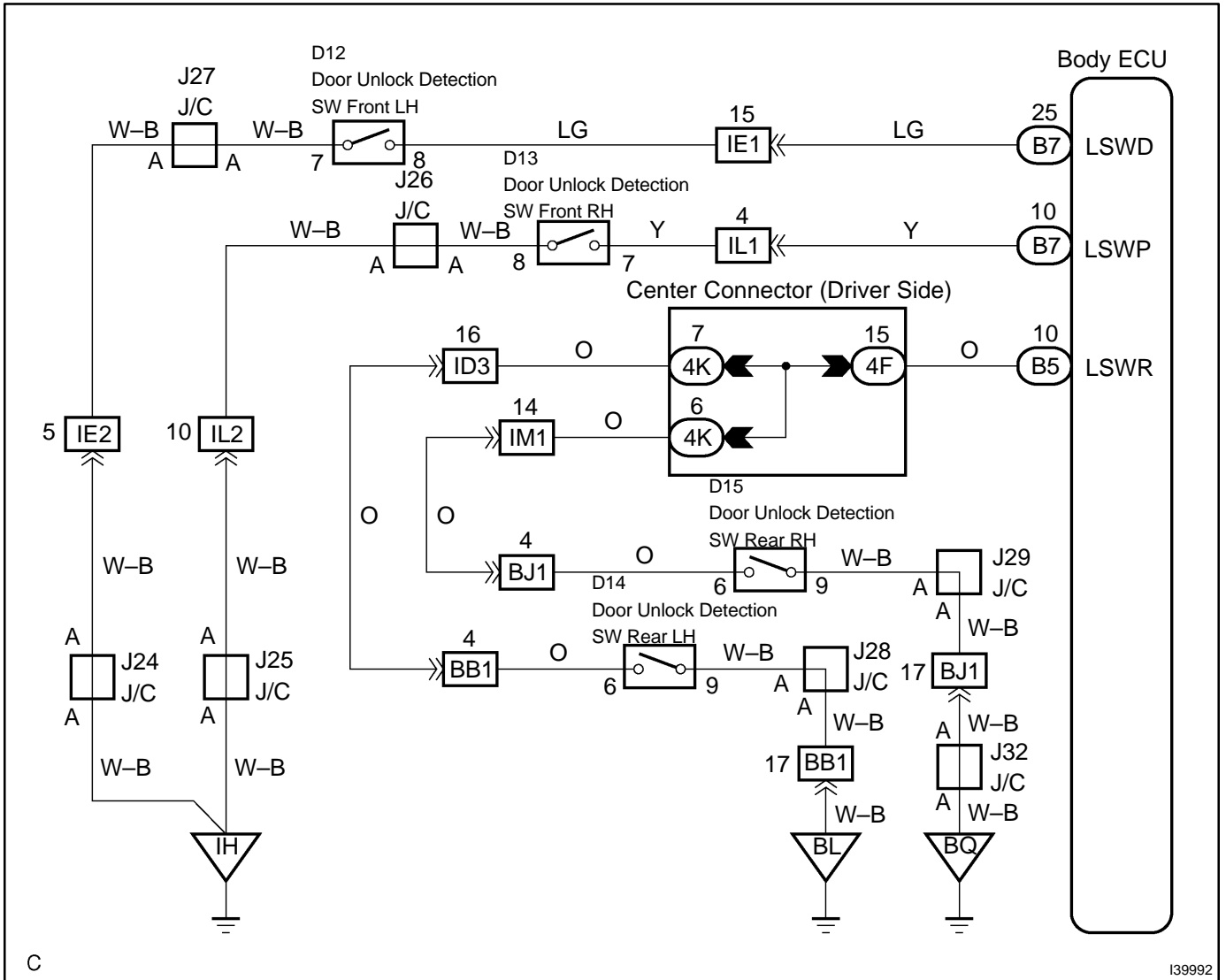


DOOR LOCK POSITION CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



C

139992

INSPECTION PROCEDURE

HINT:

- Before this procedure, check if the wireless door lock system operation is normal.
- Each door lock position circuit is same procedure. First, inspect the suspected door lock position circuit.

1 READ VALUE OF HAND-HELD TESTER

- (a) Connect the hand-held tester to the DLC3.
 (b) Push the power switch ON (IG) and turn the hand-held tester main switch on.
 (c) Select the items below in the DATA LIST, and read the displays on the hand-held tester.

B No.1/GW (Multiplex Network Body ECU):

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 door lock is in unlock position OFF: Front passenger door lock is in lock position	-
D LOCK POS SW	Driver's door lock position SW signal/ON or OFF	ON: Driver door lock is in unlock position OFF: Driver door lock is in lock position	-

NG 

Go to step 2

OK 

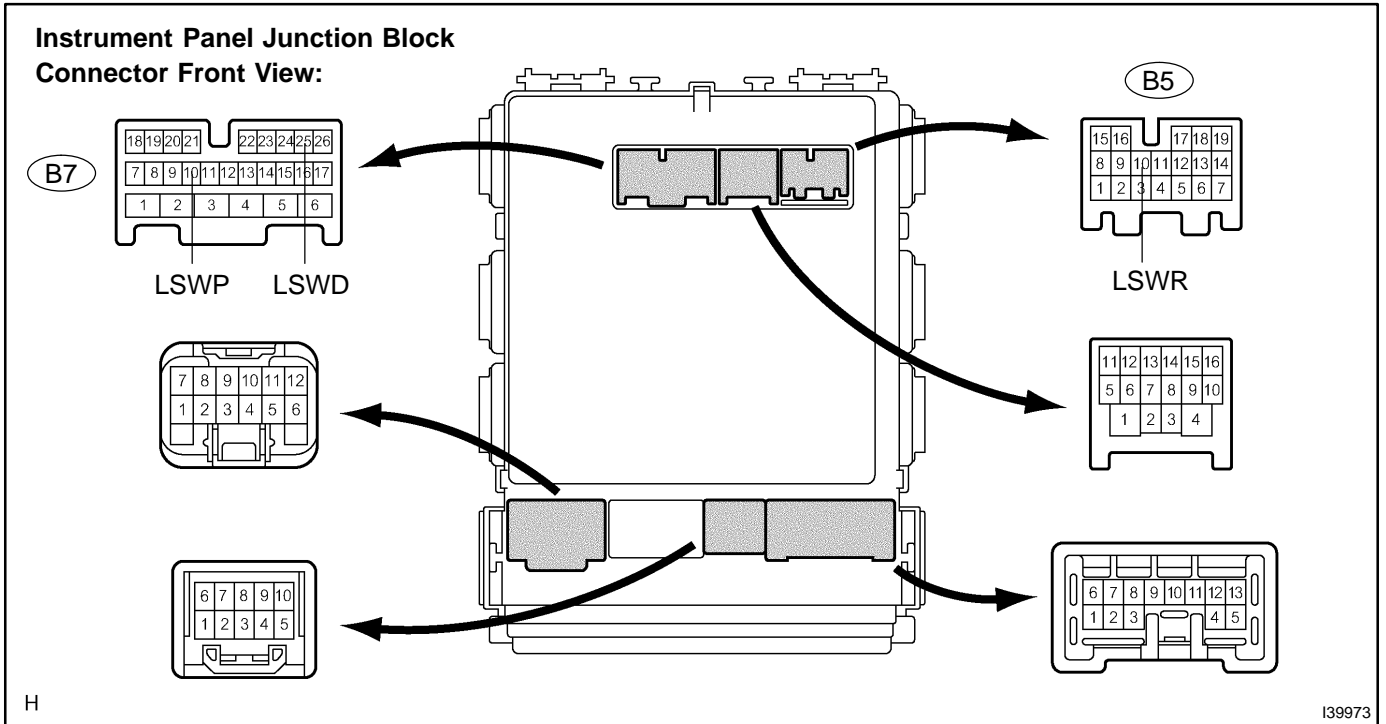
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1677)

2 INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY

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

Standard:

Tester connection	Condition	Specified condition
B7-10 - Body ground	Front passenger door is locked → Front passenger door is unlocked	Below 1 V → 10 to 14 V
B7-25 - Body ground	Driver side door is locked → Driver side door is unlocked	Below 1 V → 10 to 14 V
B5-10 - Body ground	Both side rear door is locked → Each side rear door is unlocked	Below 1 V → 10 to 14 V



NG → GO TO POWER DOOR LOCK CONTROL SYSTEM (SEE PAGE 05-2074)

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1677)