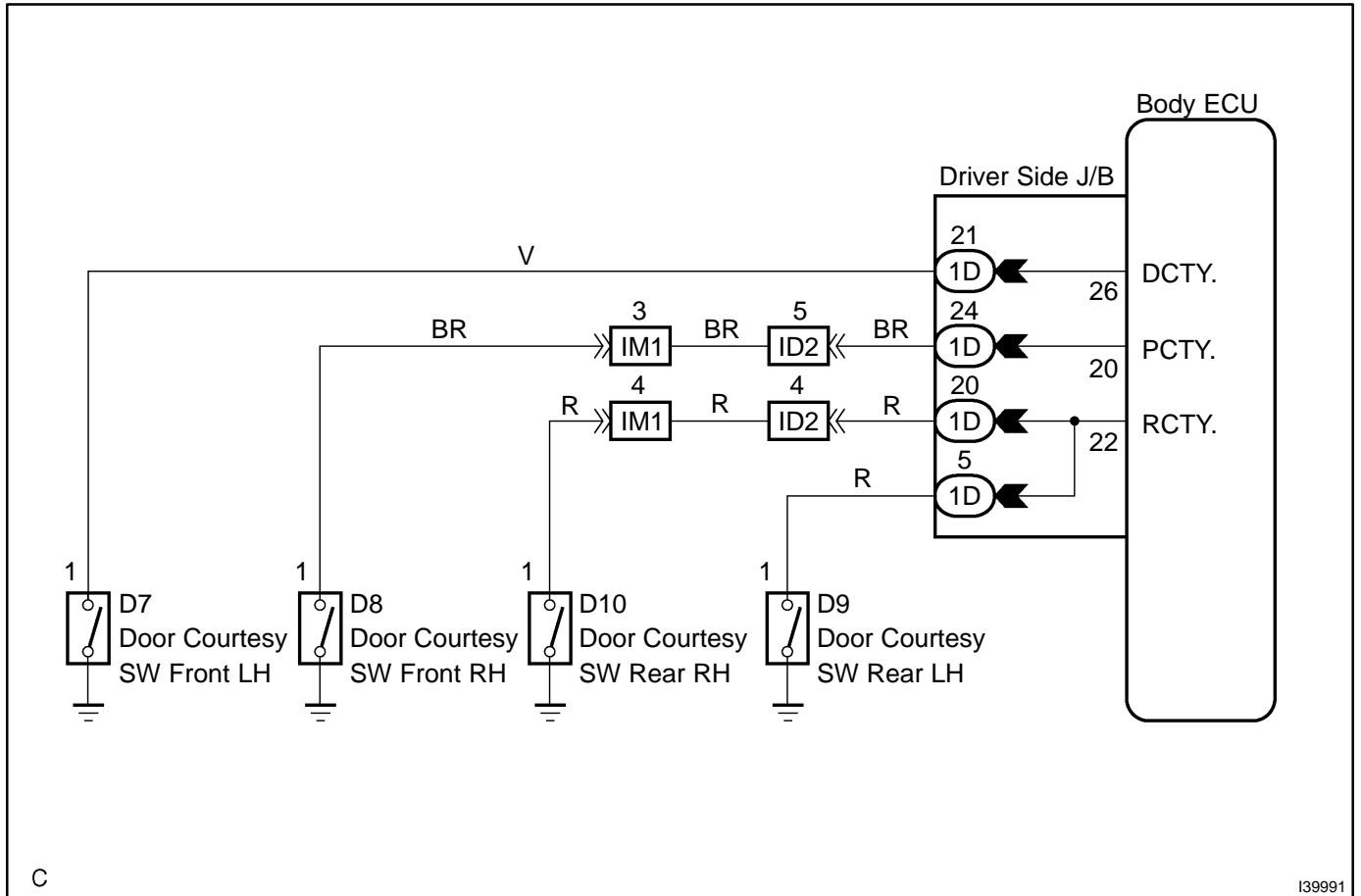


# DOOR COURTESY SWITCH CIRCUIT

## CIRCUIT DESCRIPTION

The multiplex network body ECU detects the condition of the door courtesy switch assy.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

### HINT:

Each door courtesy switch circuit is same procedure. First, inspect the suspected door courtesy switch circuit.

<b>1</b>	<b>READ VALUE OF HAND-HELD TESTER</b>
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- (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
D DOR CTY SW	Driver's door courtesy SW signal/ON or OFF	ON: Driver's door is open OFF: Driver's door is closed	-
P DOR CTY SW	Passenger's door courtesy SW signal/ON or OFF	ON: Passenger's door is open OFF: Passenger's door is closed	-
Rr DOR CTY SW	Rear door courtesy SW signal/ON or OFF	ON: Either right or left door is open OFF: Both the right and left doors are closed	-

<b>NG</b>	<b>Go to step 2</b>
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<b>OK</b>
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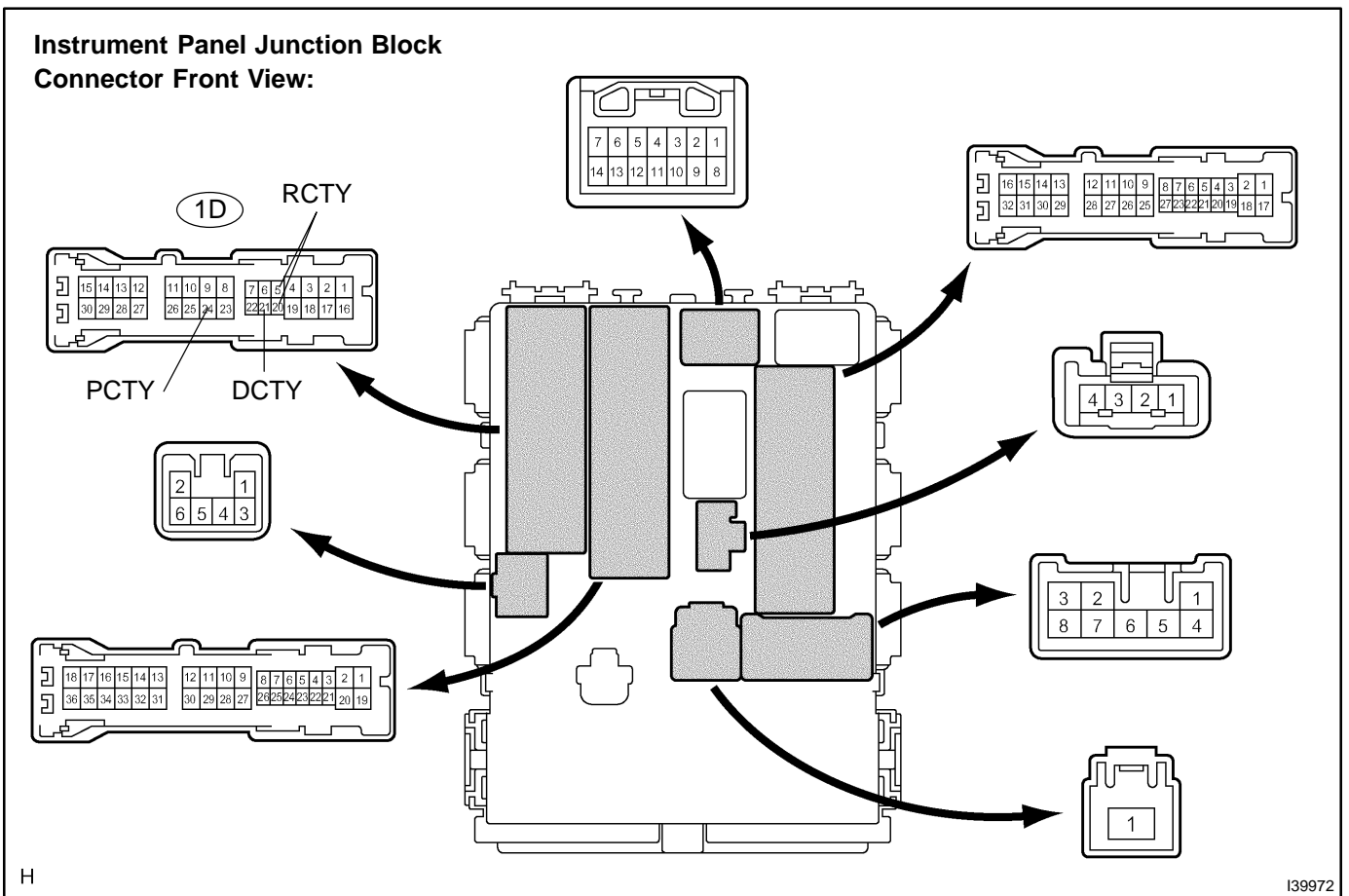
<b>PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1677)</b>
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**2 CHECK HARNESS AND CONNECTOR(COURTESY LAMP SWITCH - INSTRUMENT PANEL JUNCTION BLOCK ASSY)**

- (a) Disconnect the 1D connectors from the instrument panel junction block assy.
- (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester connection	Condition	Specified condition
1D-24 - Body ground	Front passenger door is open Front passenger door is closed	Below 1 Ω 10 kΩ or higher
1D-21 - Body ground	Front driver door is open Front driver door is closed	Below 1 Ω 10 kΩ or higher
1D-20 - Body ground	Rear RH door is open Rear RH door is closed	Below 1 Ω 10 kΩ or higher
1D-5 - Body ground	Rear LH door is open Rear LH door is closed	Below 1 Ω 10 kΩ or higher

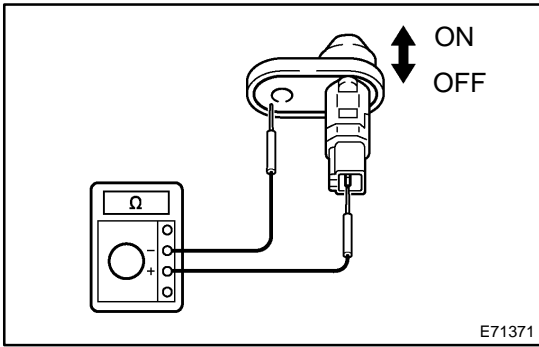


**NG** Go to step 3

**OK**

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

**3 INSPECT COURTESY LAMP SWITCH**



- (a) Remove the courtesy lamp switch.
- (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester connection	Condition	Specified condition
1 - Switch body	OFF (When shaft is pressed)	10 kΩ or higher
1 - Switch body	ON (When shaft is not pressed)	Below 1Ω

**NG** → **REPLACE COURTESY LAMP SWITCH**

**OK**

**REPAIR OR REPLACE HARNESS OR CONNECTOR (EACH OF COURTESY SWITCH CIRCUIT)**