

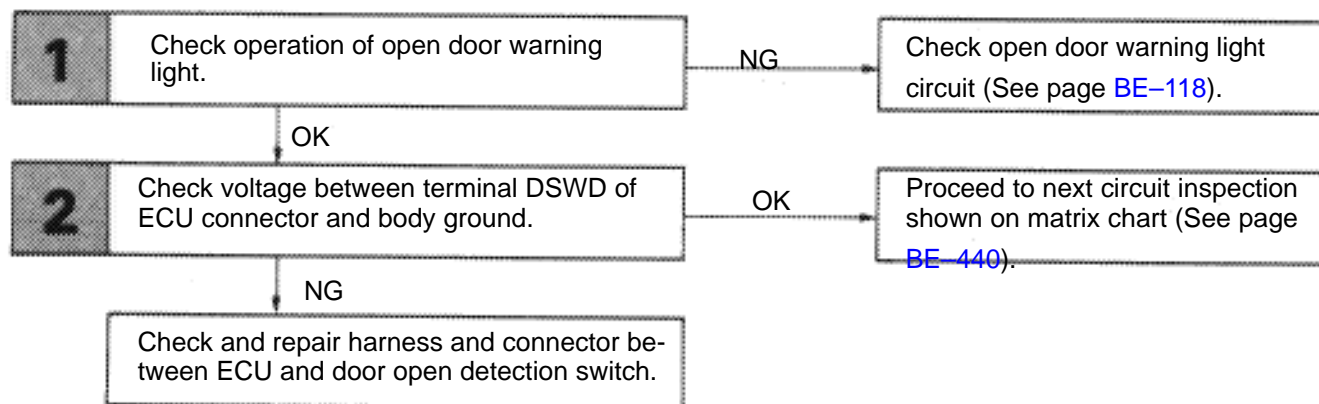
## CIRCUIT INSPECTION

### Door Open Detection Switch Circuit

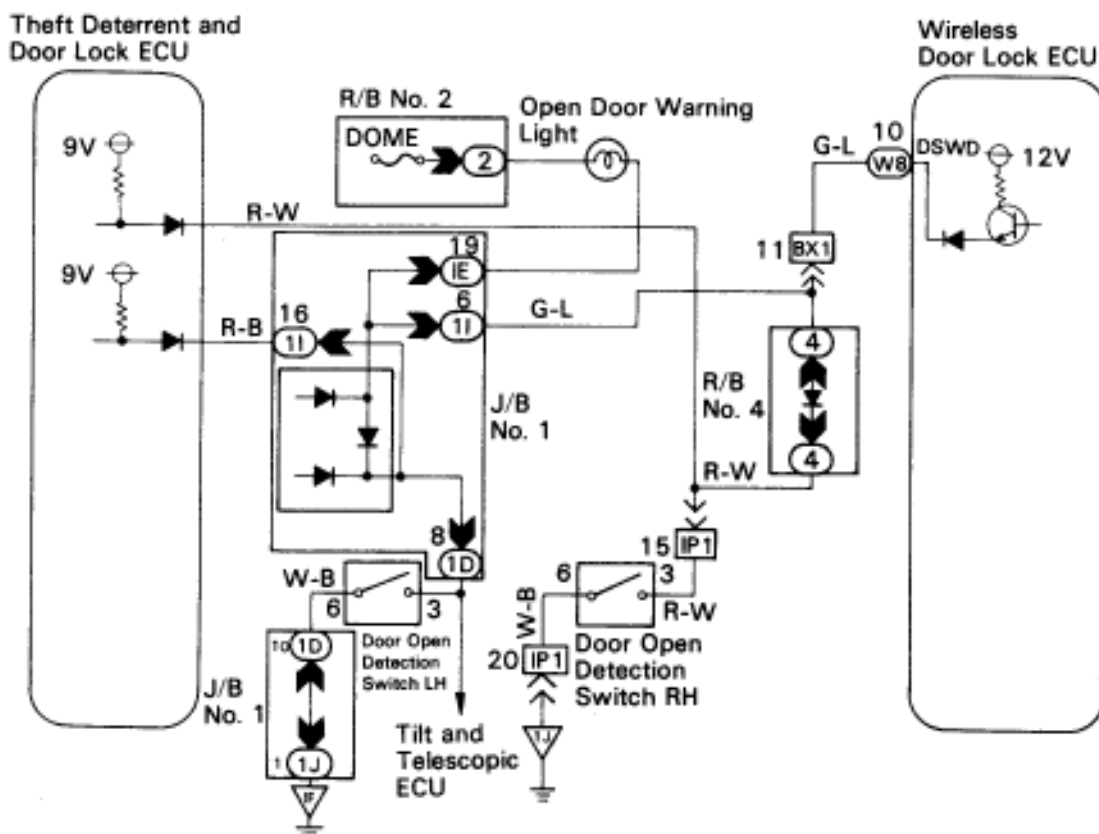
#### — CIRCUIT DESCRIPTION —

The door open detection switch comes ON when the door is opened and goes OFF when the door is closed. Furthermore the door open detection switch circuit has terminal +B connected inside the theft deterrent and door lock ECU, battery voltage is applied to terminal DSWD of the wireless door lock ECU when all doors are closed, i.e., when the door open detection switch of all doors are OFF.

#### — DIAGNOSTIC CHART —



#### WIRING DIAGRAM



## INSPECTION PROCEDURE

### 1 Check operation of open door warning light.

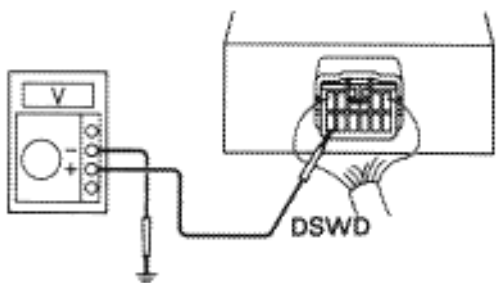
- C** Check that open door warning light comes on when each door is opened, and goes off when all doors are closed.

OK

NG

Check open door warning light circuit (See page [BE-146](#)).

### 2 Check voltage between terminal DSWD of ECU connector and body ground.



BE6603

- P** (1) Remove the rear seat and RH quarter trim panel.  
(2) Remove the ECU.  
(3) Wireless door lock main switch on.

- C** Measure voltage between terminal DSDW of ECU connector and body ground, when all doors are closed.

**OK** Voltage: 10 – 14 V

NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [BE-440](#)).

Check and repair harness and connector between ECU and door open detection switch.