

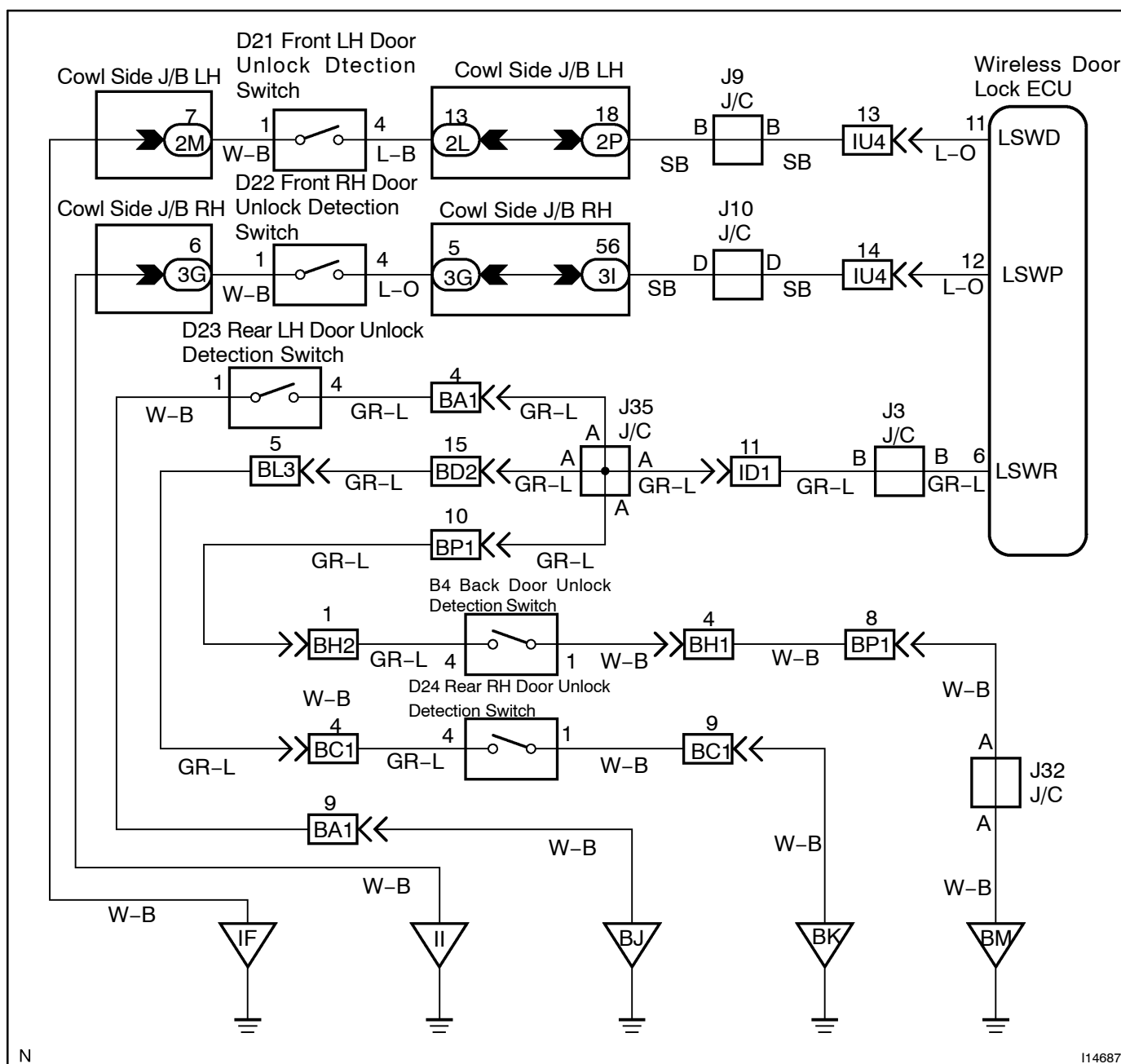
## Door Unlock Detection Switch Circuit

### CIRCUIT DESCRIPTION

The door unlock detection switch is built into the door lock motor assembly. The switch is OFF when the door lock knob is in lock position, and is ON when the knob is in unlock position.

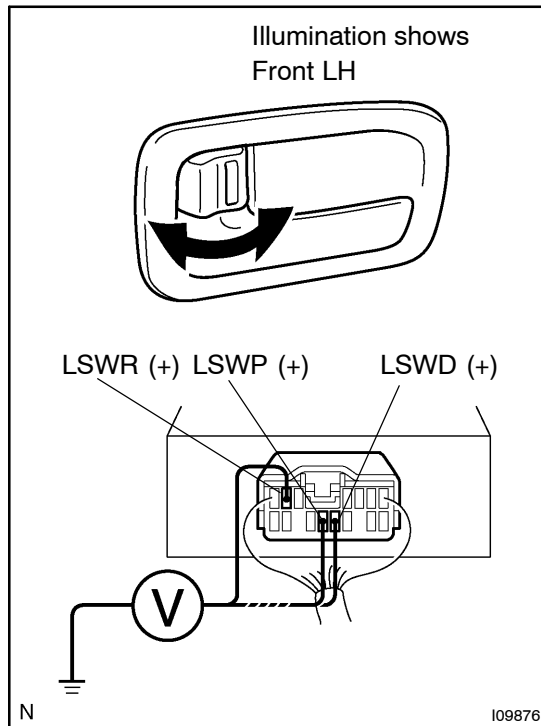
Furthermore, the door unlock detection switch circuit has terminal +B connected inside the theft deterrent ECU, when the door unlock detection switch is OFF, battery positive voltage is applied to the terminal of the door unlock detection switch circuit of the wireless door lock ECU.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

- |          |                                                                                                                 |
|----------|-----------------------------------------------------------------------------------------------------------------|
| <b>1</b> | <b>Check voltage between terminals LSWD, LSWP and LSWR of wireless door lock ECU connector and body ground.</b> |
|----------|-----------------------------------------------------------------------------------------------------------------|

**PREPARATION:**

Remove the wireless door lock ECU from instrument panel brace.

**CHECK:**

Measure voltage between terminals LSWD, LSWP and LSWR of wireless door lock ECU connector and body ground, when the respective door lock knobs are pushed to the lock side.

**OK:**

**Voltage 10 – 14 V**

**OK**

**Proceed to next circuit inspection shown in problem symptom table (See page [DI-629](#)).**

**NG**

**Check and repair harness and connector between wireless door lock ECU and door unlock detection switch.**