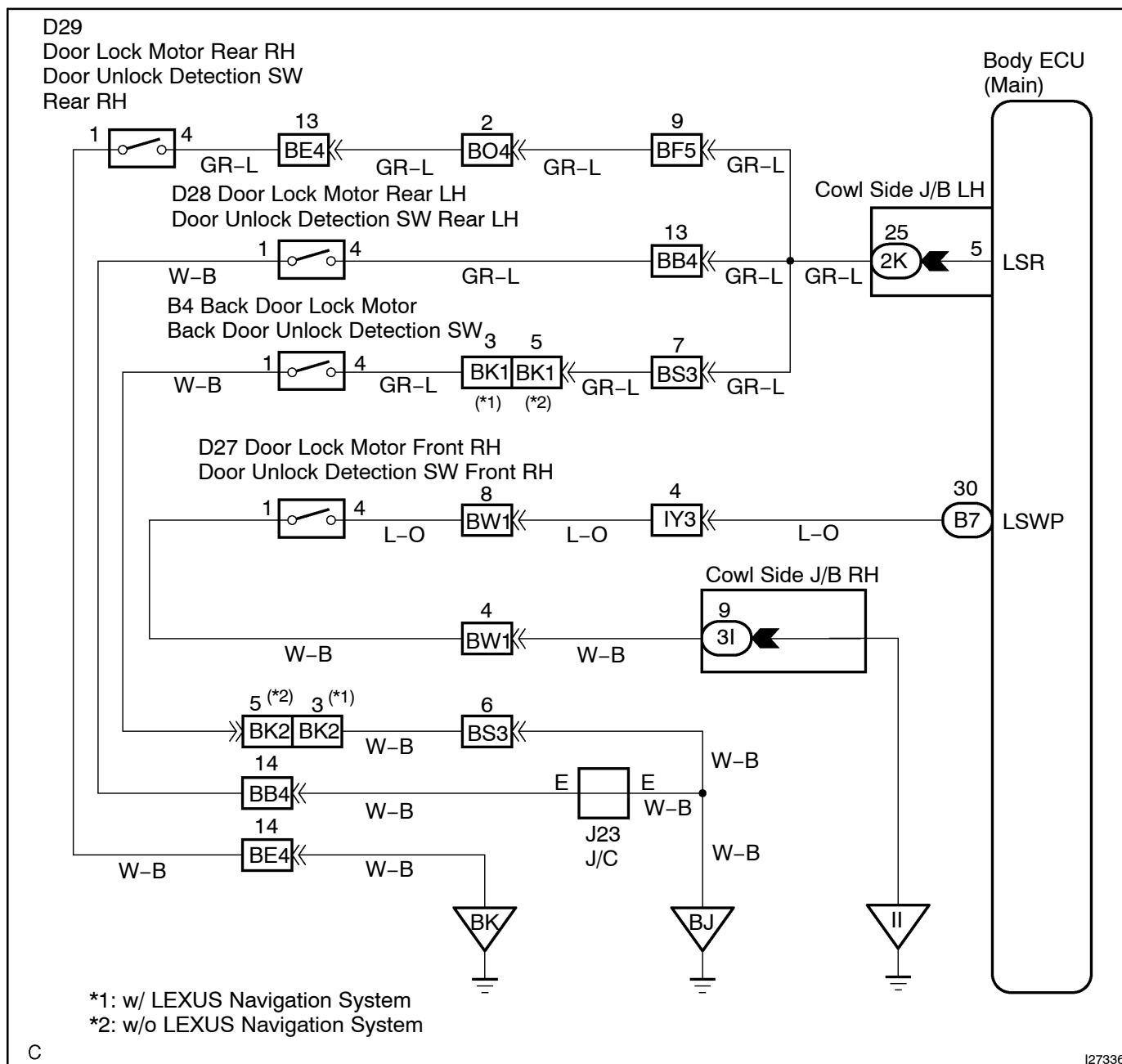


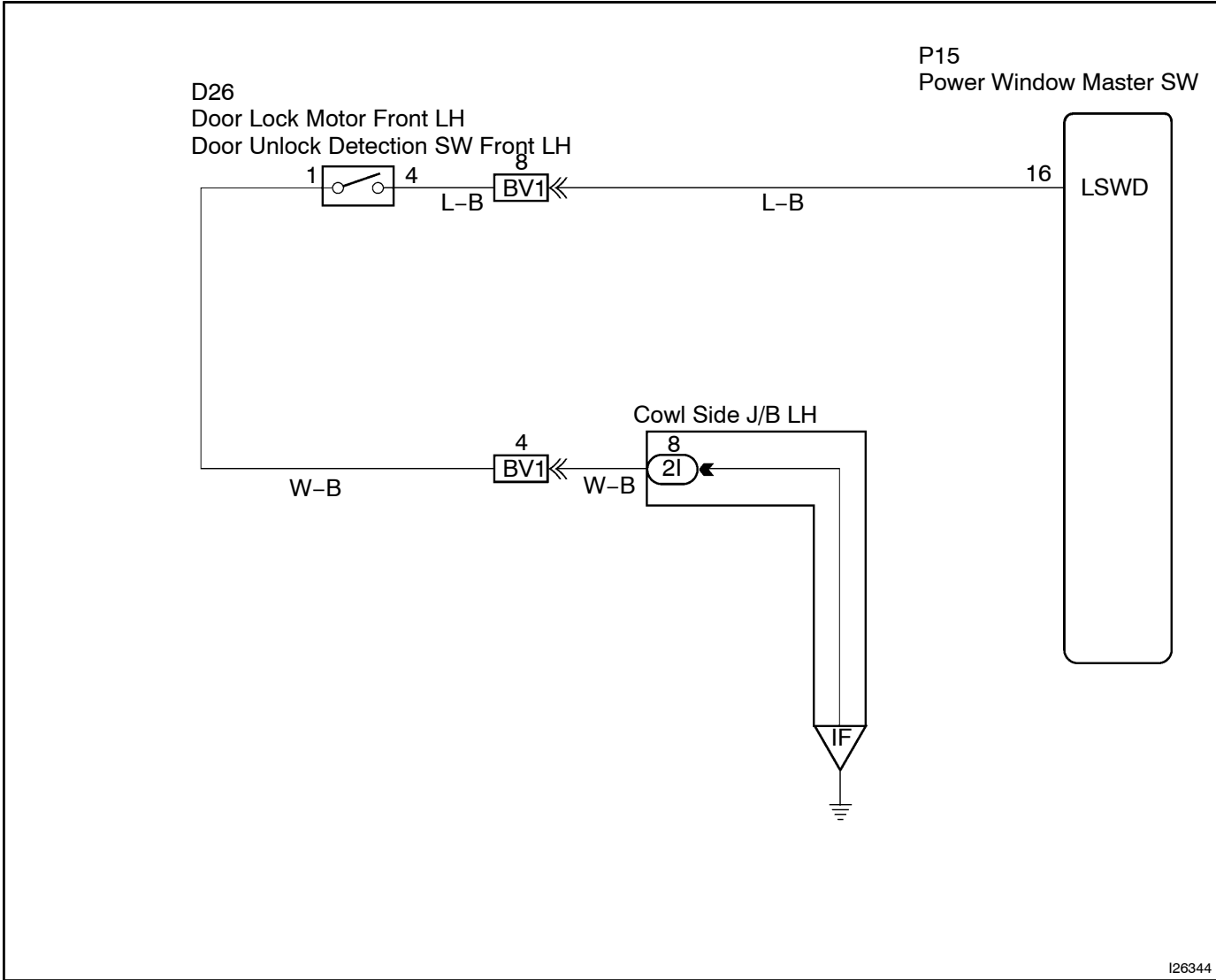
## Door unlock detection switch circuit

### CIRCUIT DESCRIPTION

The door unlock detection switch is built in the door lock motor assembly. This switch is ON when the door lock knob is in the unlock position and OFF when the lock knob is in the lock position. The ECU detects the door lock knob conditions in this circuit. It is used as one of the operating conditions for the key confinement prevention function.

### WIRING DIAGRAM





## INSPECTION PROCEDURE

### HINT:

In case of using the hand-held tester, start the inspection from step 1 and in case of not using the hand-held tester, start from step 2.

|   |                                                       |
|---|-------------------------------------------------------|
| 1 | Check unlock detection switch using hand-held tester. |
|---|-------------------------------------------------------|

### PREPARATION:

Connect the hand-held tester to DLC 3.

### CHECK:

Check that the unlock detection switch operate in DATA LIST (See page [DI-1475](#)).

OK

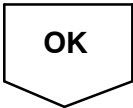
Proceed to next circuit inspection shown on problem symptoms table (See page [DI-1482](#)).

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|   |                                                                            |
|---|----------------------------------------------------------------------------|
| 2 | Check the door unlock detection switch (See page <a href="#">BE-114</a> ). |
|---|----------------------------------------------------------------------------|

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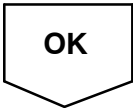
Replace the door lock motor.

OK

|   |                                                                                                                                                     |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | Check wire harness and connector between unlock detection switch and Body ECU (Main), power window master switch (See page <a href="#">IN-36</a> ). |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------|

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Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on  
problem symptoms table  
(See page [DI-1482](#)).