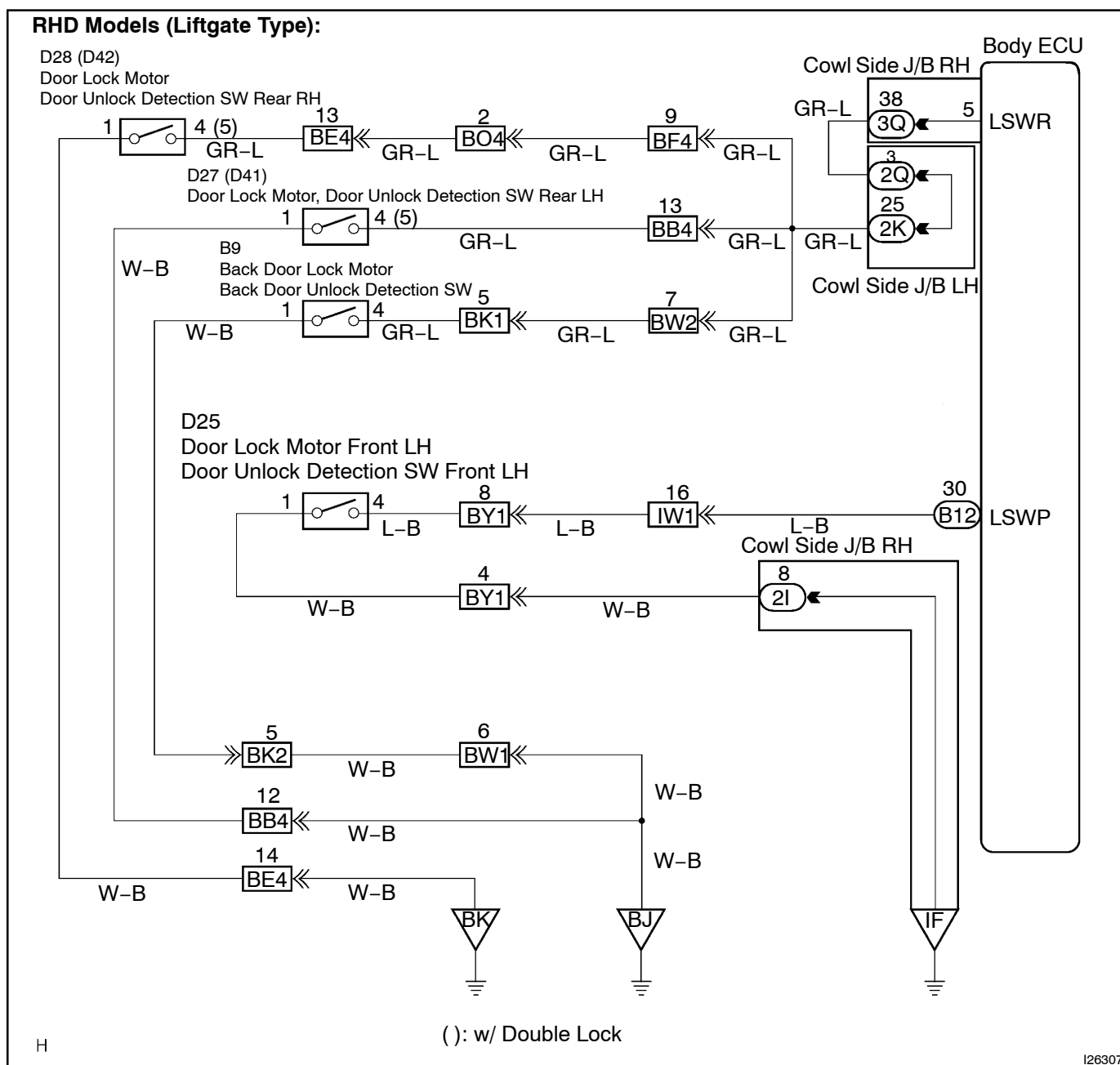


CIRCUIT DESCRIPTION

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 is this circuit. It is used as one of the operating conditions for the key confinement prevention function.

WIRING DIAGRAM

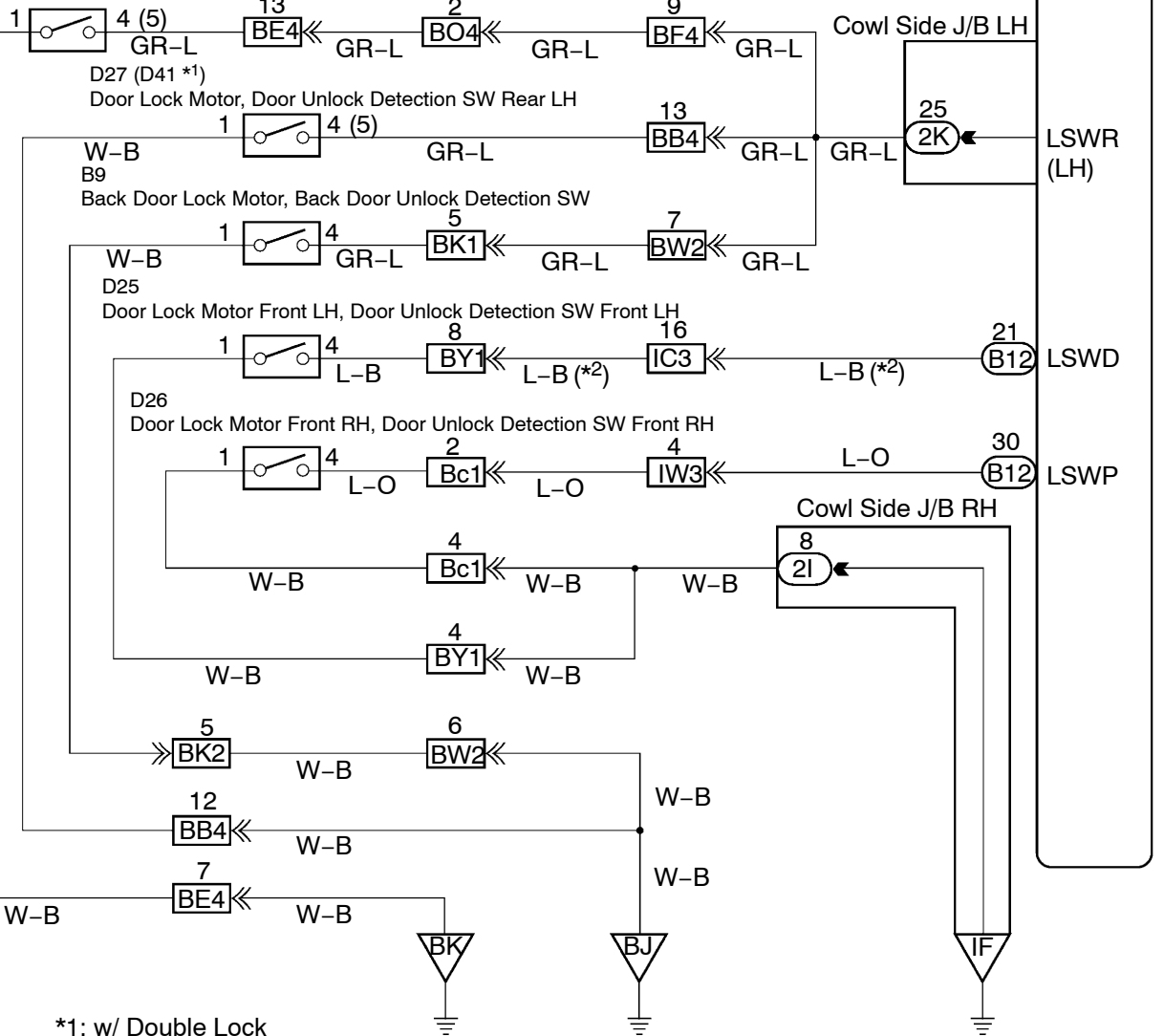


LHD Models (Liftgate Type):

D28 (D42 *1)

Door Lock Motor

Door Unlock Detection SW Rear RH



*1: w/ Double Lock

*2: w/o Power Window

H

I26306

RHD Models (Swing Type):

D28 (D42)

Door Lock Motor

Door Unlock Detection SW Rear RH

D27 (D41)

Door Lock Motor, Door Unlock Detection SW Rear LH

B9

Back Door Lock Motor

Back Door Unlock Detection SW

D25

Door Lock Motor Front LH

Door Unlock Detection SW Front LH

Body ECU

Cowl Side J/B RH

GR-L 38 3Q 5 LSWR

GR-L 3 2Q 25 2K

Cowl Side J/B LH

30 B12 LSWP

Cowl Side J/B RH

8 2I

W-B

(): w/ Double Lock

I26312

LHD Models (Swing Type):

D28 (D42 *1)

Door Lock Motor

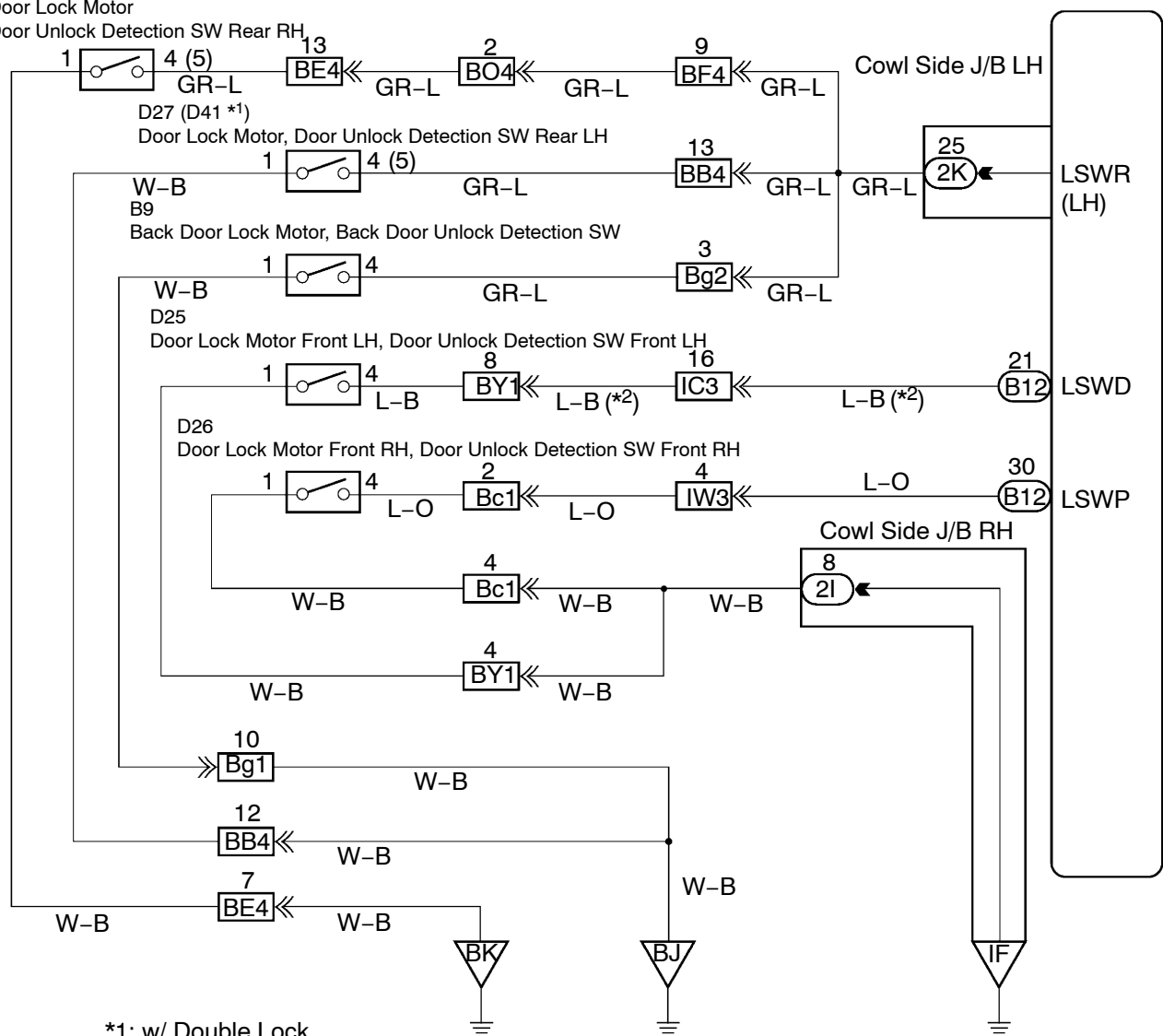
Door Unlock Detection SW Rear RH

D27 (D41 *1)
Door Lock Motor, Door Unlock Detection SW Rear LH

Back Door Lock Motor, Back Door Unlock Detection SW

D25
Door Lock Motor Front LH, Door Unlock Detection SW Front LHD26
Door Lock Motor Front RH, Door Unlock Detection SW Front RH

Body ECU



*1: w/ Double Lock

*2: w/o Power Window

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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.
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PREPARATION:

Connect the hand-held tester to DLC 3.

CHECK:

Check that the unlock detection switch operate in DATA LIST ([See page DI-981](#)).

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-1063](#)).

NG

2	Check the door unlock detection switch (See page BE-53).
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NG

Replace the door lock motor.

OK

3	Check wireharness and connector between unlock detection switch and Body ECU.
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NG

Repair or replace wireharness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-1063](#)).