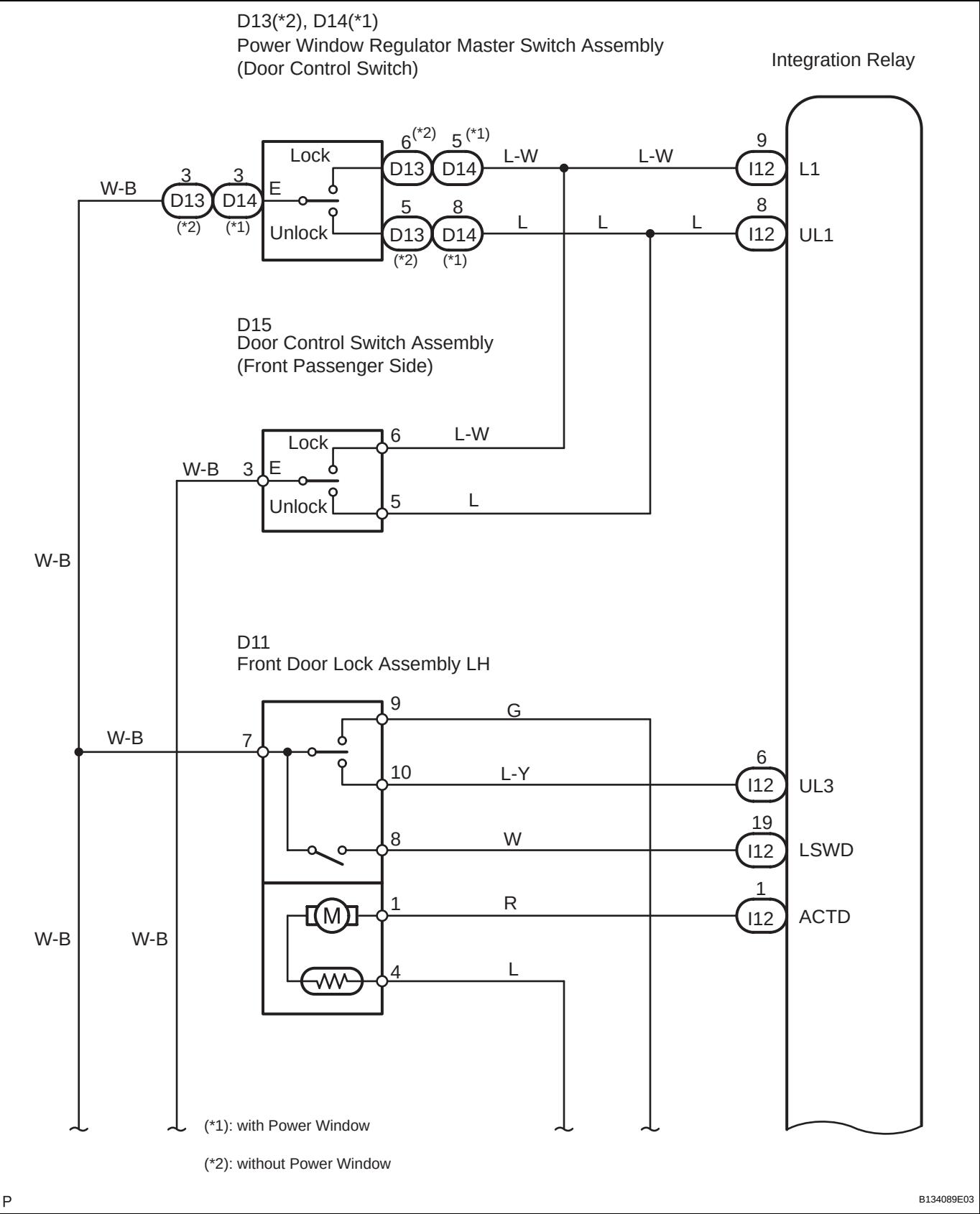
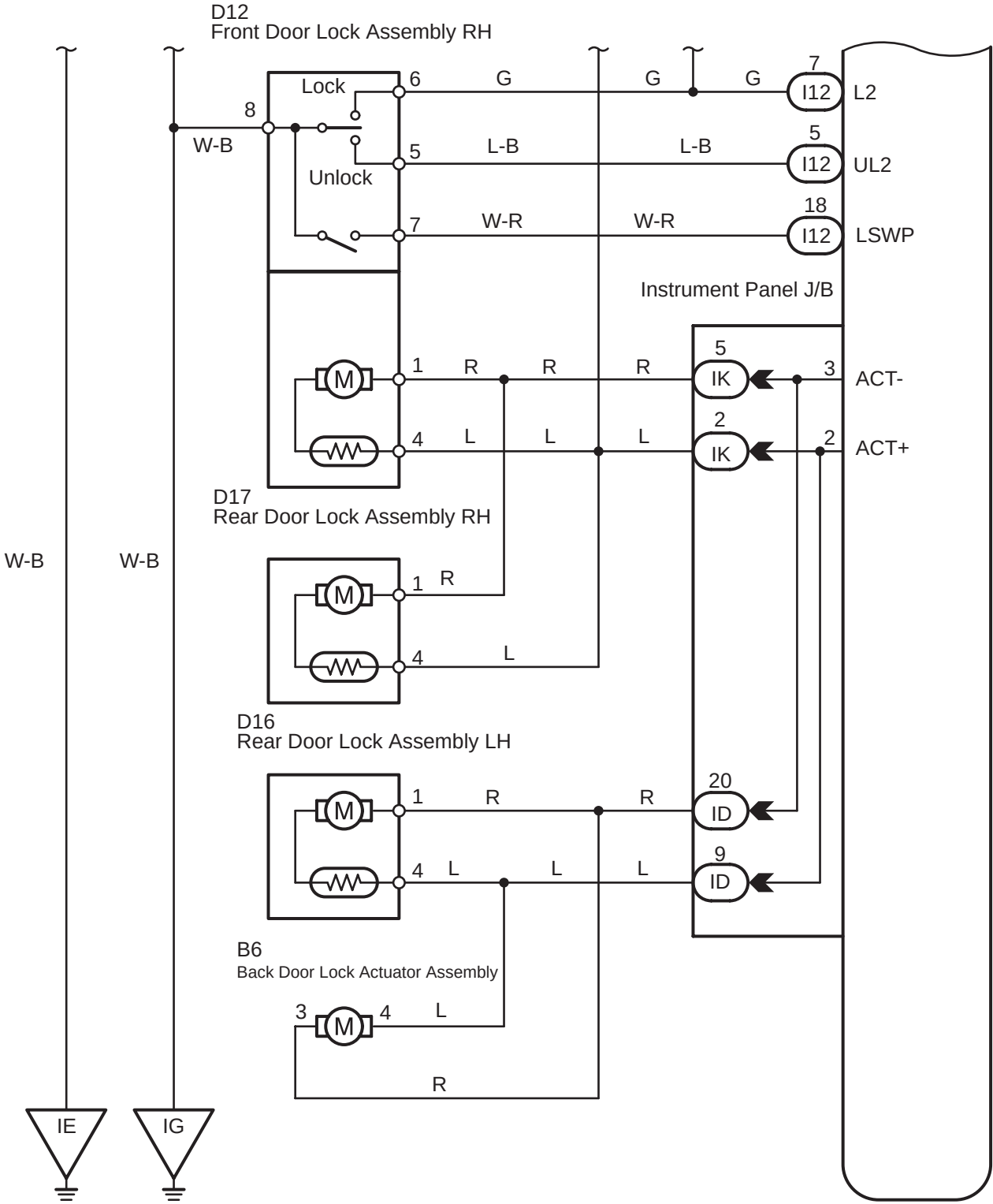


All Doors LOCK / UNLOCK Functions do not Operate Via Master Switch, Driver Side Door Key Cylinder**DESCRIPTION**

The integration relay receives a signal from the master switch, door lock control switch or the driver's door key, and then drives the door lock motor.

WIRING DIAGRAM





INSPECTION PROCEDURE

1

CHECK DOOR LOCK

- (a) When the door lock does not operate manually, proceed to A.
- (b) When the door lock does not operate with the key, proceed to B.

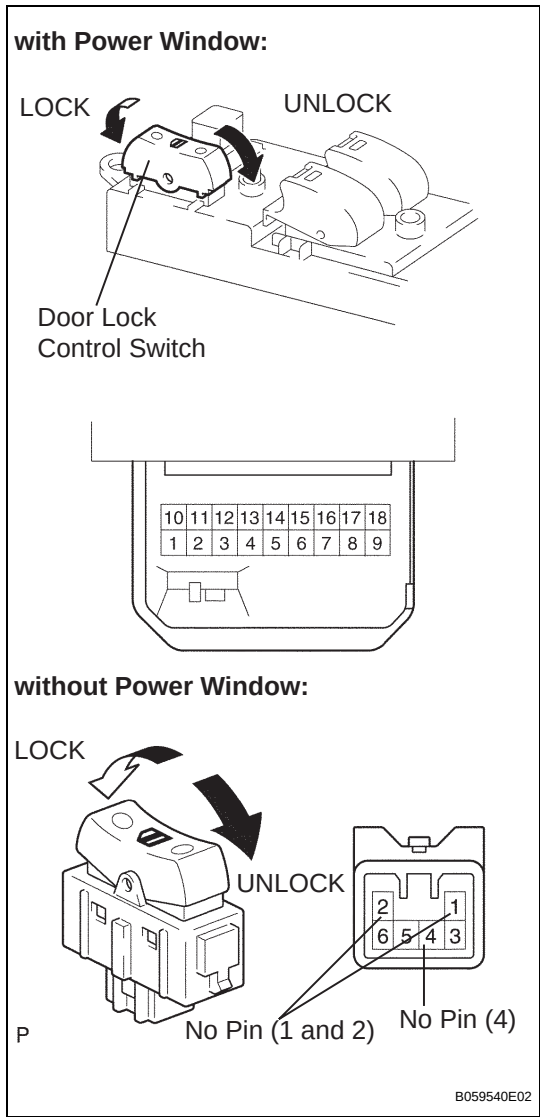
A

B

Go to step 4

2

INSPECT DOOR LOCK CONTROL SWITCH



- (a) with Power Window:
Remove the power window regulator master switch assembly.
- (1) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 5	Lock	Below 1 Ω
-	OFF	10 kΩ or higher
3 - 8	Unlock	Below 1 Ω

- (b) without Power Window:
Remove the door lock control switch.
- (1) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 6	Lock	Below 1 Ω
-	OFF	10 kΩ or higher
3 - 5	Unlock	Below 1 Ω

Result

Result	Proceed to
NG (with Power Window)	A
NG (without Power Window)	B
OK	C

A

**REPLACE POWER WINDOW REGULATOR
MASTER SWITCH ASSEMBLY (w/ POWER
WINDOW)**

B

**REPLACE DOOR CONTROL SWITCH
ASSEMBLY (w/o POWER WINDOW)**

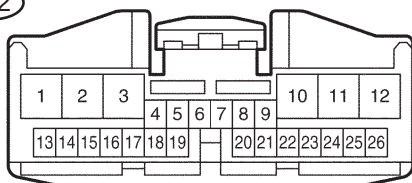
C

3

CHECK HARNESS AND CONNECTOR (SWITCH - INTEGRATION RELAY)

Integration Relay (I/P J/B)
(Wire Harness Side)

I12

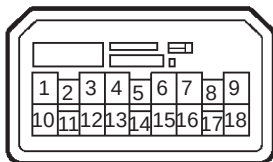


with Power Window:

Master Switch

(Wire Harness Side)

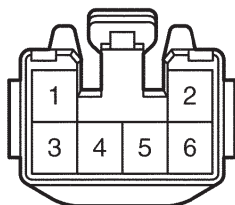
D14



without Power Window:

Door Control Switch
(Wire Harness Side)

D13



B059533E05

- (a) with Power Window:
Disconnect the D14 master switch and I12 integration relay connectors.
without Power Window:
Disconnect the D13 door control switch and I12 integration relay connectors.

- (b) Measure the resistance according to the value(s) in the table below.

**Standard resistance (Check for open):
with Power Window**

Tester Connection	Specified Condition
L (D14-5) - L1 (I12-9)	Below 1 Ω
UL (D14-8) - UL1 (I12-8)	Below 1 Ω
E (D14-1) - Body ground	Below 1 Ω
E (D14-3) - Body ground	Below 1 Ω

without Power Window

Tester Connection	Specified Condition
L (D13-6) - L1 (I12-9)	Below 1 Ω
UL (D13-5) - UL1 (I12-8)	Below 1 Ω
E (D13-3) - Body ground	Below 1 Ω

NG

**REPAIR OR REPLACE HARNESS OR
CONNECTOR**

OK

REPLACE INTEGRATION RELAY

4

INSPECT DRIVER DOOR LOCK

- (a) Inspect the driver's door lock key switch.

(b) Inspect the driver's door lock position switch.

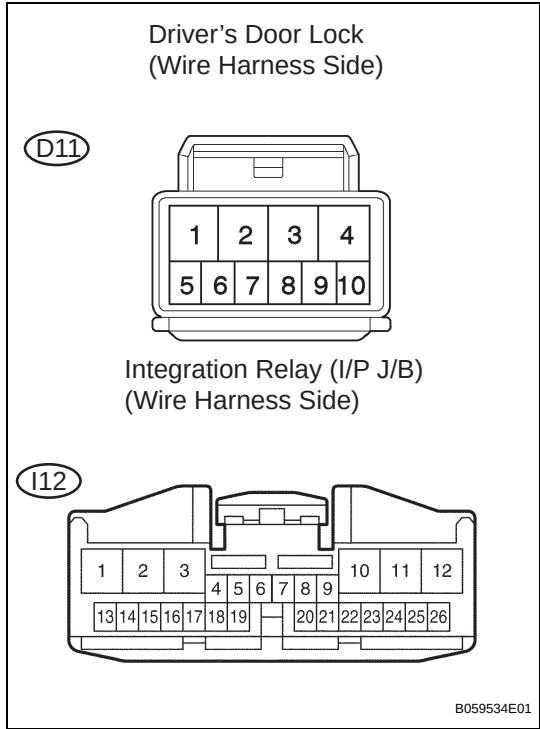
NG

REPLACE DRIVER DOOR LOCK

OK

5

CHECK HARNESS AND CONNECTOR (DRIVER DOOR LOCK - INTEGRATION RELAY)



- (a) Disconnect the D11 driver's door lock and I12 integration relay connectors.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance (Check for open)

Tester Connection	Specified Condition
9 (D11-9) - L2 (I12-7)	Below 1 Ω
10 (D11-10) - UL3 (I12-6)	Below 1 Ω
8 (D11-8) - LSWD (I12-19)	Below 1 Ω
7 (D11-7) - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE INTEGRATION RELAY