

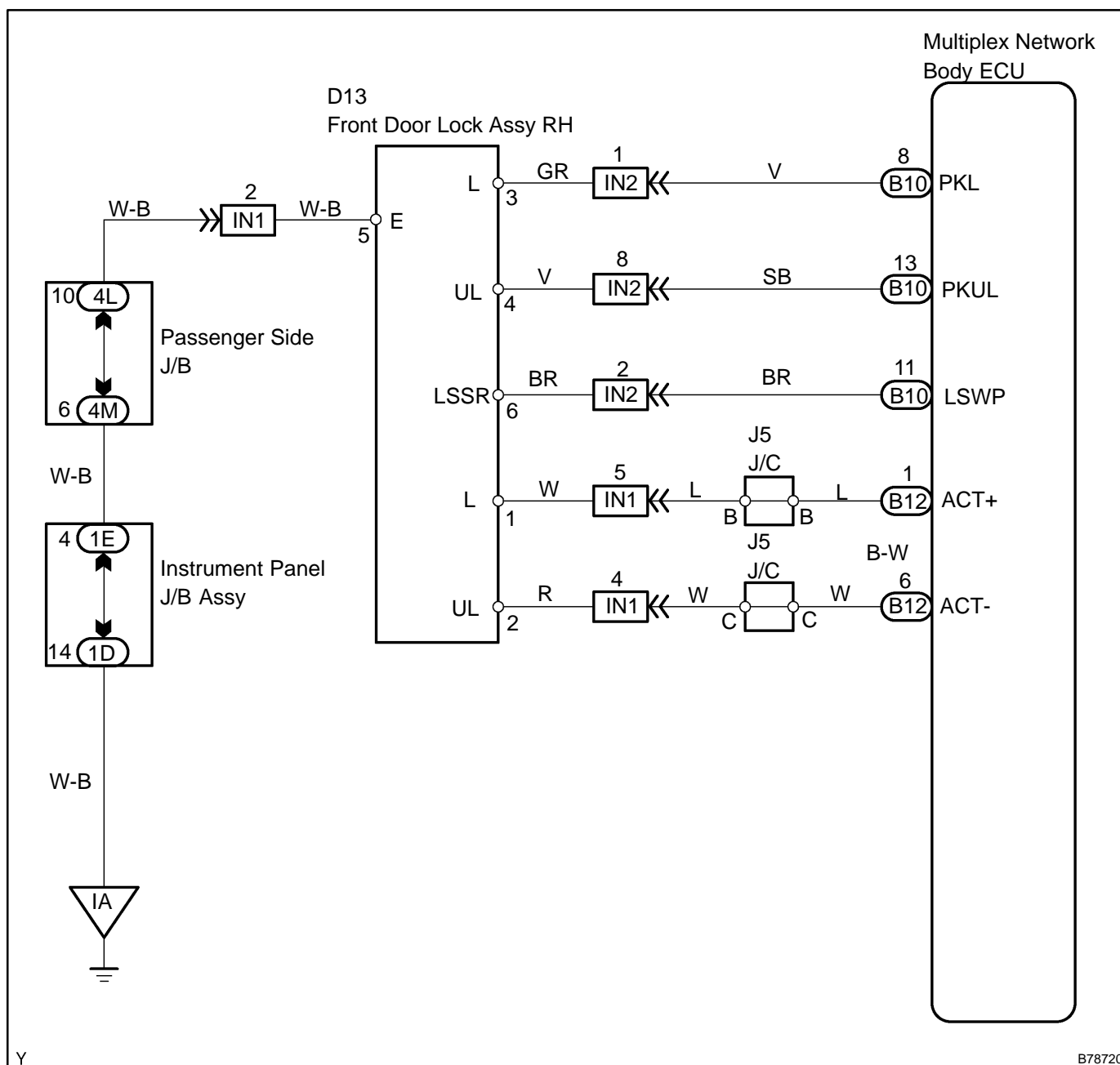
DTC	B1224/24	Door lock switch circuit on passenger door
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## CIRCUIT DESCRIPTION

This DTC is output when the passenger door unlock switch (for key operation) of the door control switch is on.

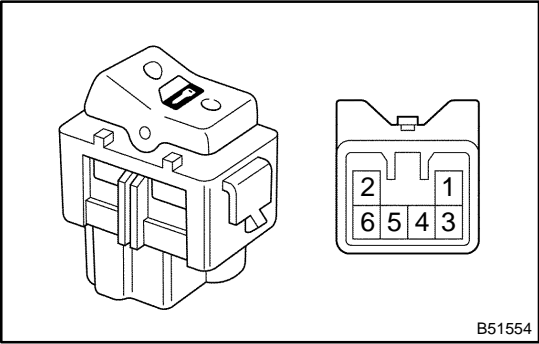
DTC No.	DTC Detecting Condition	Trouble Area
B1224/24	Stick of key lock and unlock switch	<ul style="list-style-type: none"> <li>Door control switch Assy (passenger side)</li> <li>Front door lock Assy RH</li> <li>Multiplex network body ECU</li> </ul>

## WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT DOOR CONTROL SWITCH ASSY



(a) Inspect the door control switch continuity.

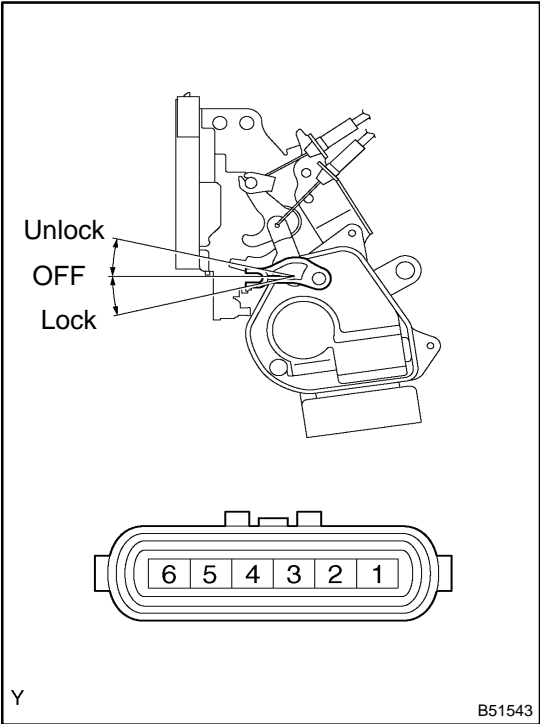
Switch Position	Tester Connection	Specified Condition
Lock	3 - 6	Continuity
OFF	-	No continuity
Unlock	3 - 5	Continuity

NG REPLACE DOOR CONTROL SWITCH ASSY

OK

2

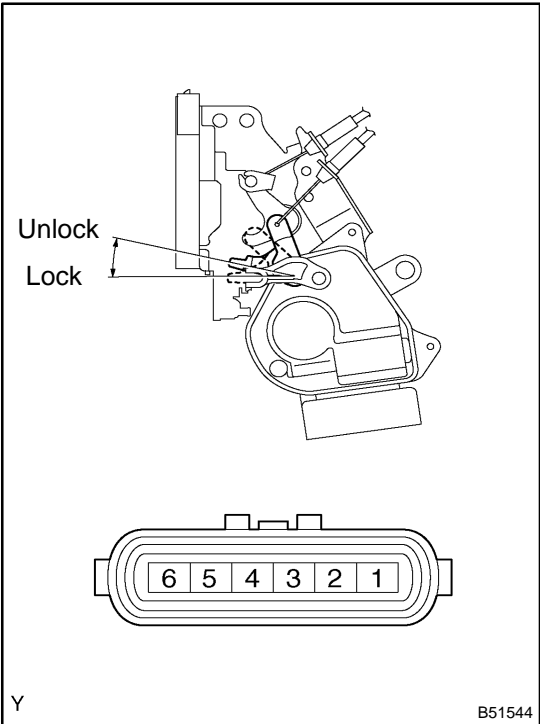
INSPECT FRONT DOOR LOCK ASSY RH



(a) Inspect the door lock assy continuity.

Standard:

Switch Position	Tester Connection	Specified Condition
Lock	3 ↔ 5	Continuity
OFF	-	No continuity
Unlock	4 ↔ 5	Continuity



(b) Inspect the door lock motor operation.

Standard:

Measuring Condition	Operation
Battery positive - Terminal 1 Battery negative - Terminal 2	Lock
Battery positive - Terminal 2 Battery negative - Terminal 1	Unlock

(c) Inspect the position switch continuity.

Standard:

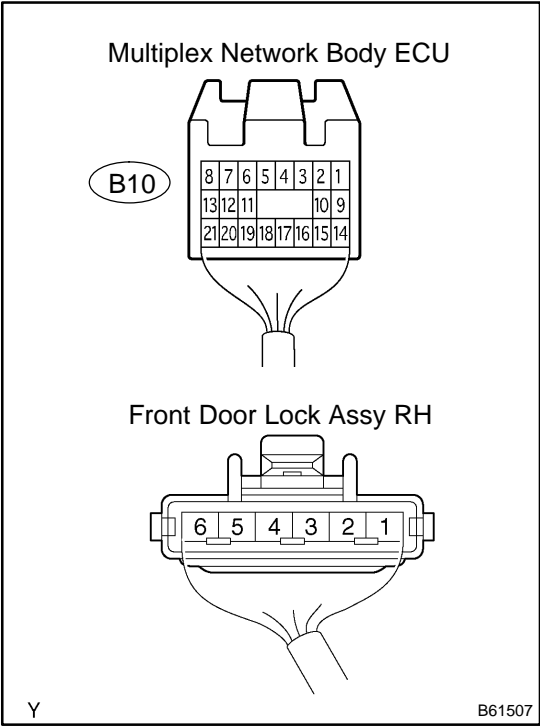
Measuring Condition	Tester Connection	Specified Condition
Battery positive - Terminal 2 Battery negative - Terminal 1	5 ↔ 6	Continuity

NG

REPLACE FRONT DOOR LOCK ASSY RH

OK

3 | CHECK WIRE HARNESS



- (a) Disconnect the connector from the body ECU B10 connector and front door lock assy RH connector.
- (b) Check the connector on the wire harness side.

Continuity:

Tester Connection (Body ECU ⇔ Door Lock)	Specified Condition
B10-8 ⇔ 3	Continuity
B10-13 ⇔ 4	Continuity

- (c) Check the master switch connector on the wire harness side.

Continuity:

Tester Connection (Body ECU or Door Lock ⇔ Body ground)	Specified Condition
B10-8 or 3 ⇔ Body ground	No continuity
B10-13 or 4 ⇔ Body ground	No continuity

Voltage:

Tester Connection (Body ECU or Door Lock ⇔ Body ground)	Specified Condition
B10-8 or 3 ⇔ Body ground	0 V
B10-13 or 4 ⇔ Body ground	0 V

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE MULTIPLEX NETWORK BODY ECU