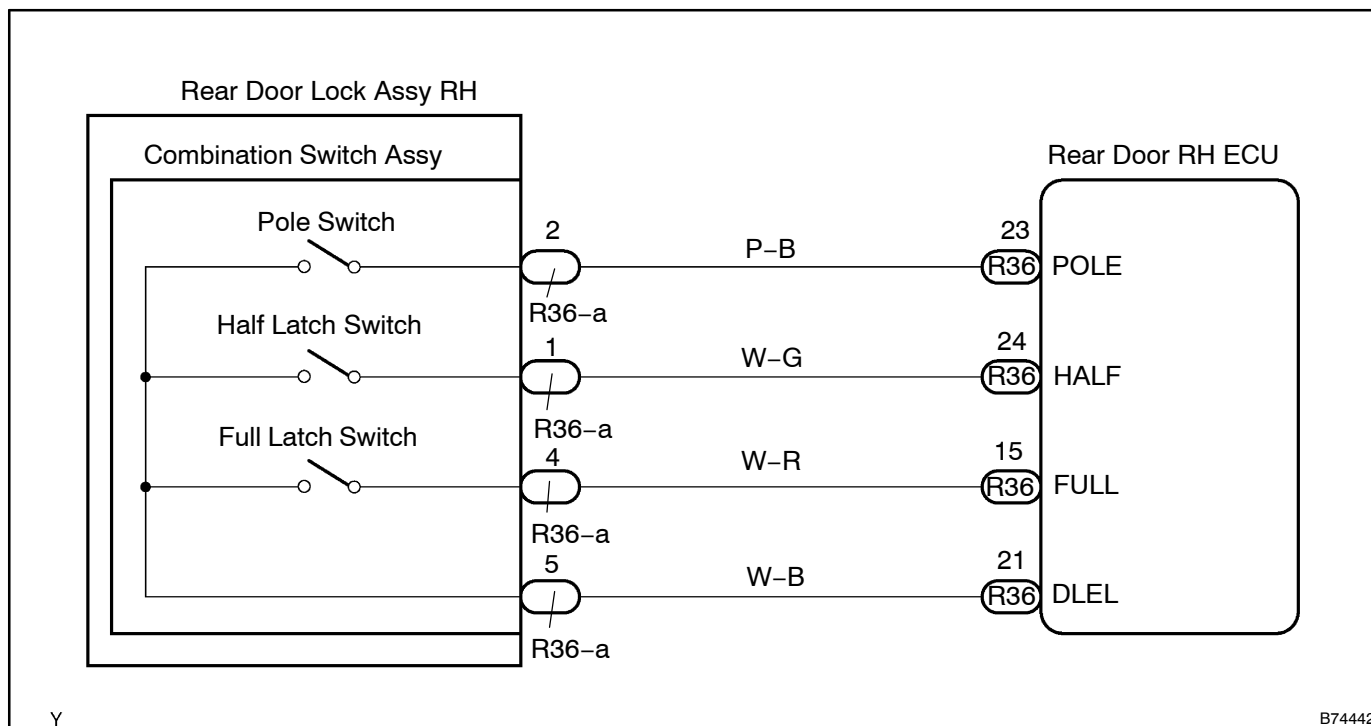


DOOR CLOSER POSITION SWITCH CIRCUIT ON REAR RIGHT SIDE DOOR

CIRCUIT DESCRIPTION

The door lock assembly has a built-in closer position switch, which detects the position of the closer.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	READ VALUE OF HAND-HELD TESTER (DOOR CLOSER POSITION SWITCH (POLE/HALF/FULL))
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- (a) Check the DATA LIST for proper functioning of the door closer position switch and lock position switch.
Rear Door ECU RH

Item	Measurement item / Display (Range)	Normal Condition	Position
Pole SW	POLE Switch (OFF/ON)	Refer to system description of door ECU (see page 05-2695)	—
Half SW	HALF Switch (OFF/ON)	Refer to system description of door ECU (see page 05-2695)	—
Full SW	FULL Switch (OFF/ON)	Refer to system description of door ECU (see page 05-2695)	—

OK: "ON" (door closer position switch (POLE/HALF/FULL) is ON) appears on the screen.

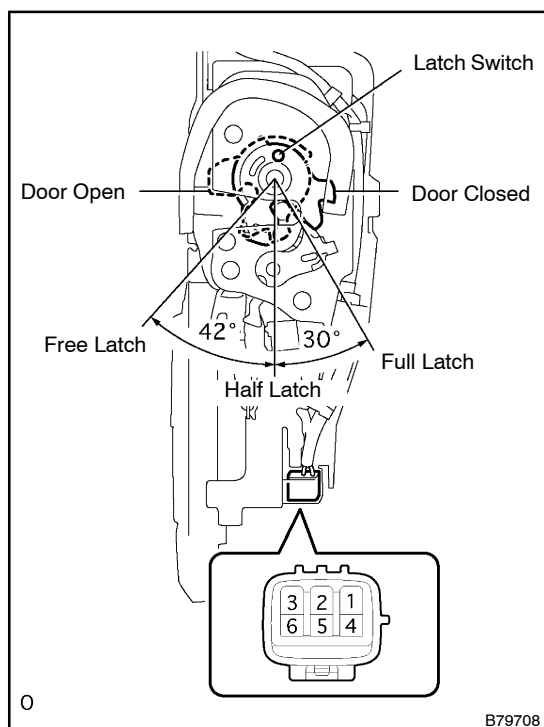
NG

Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05-2703)

2	INSPECT COMBINATION SWITCH ASSY (HALF LATCH AND FULL LATCH SWITCH)
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- (a) Disconnect the R36—a lock connector.
(b) Measure the resistance.

Standard:

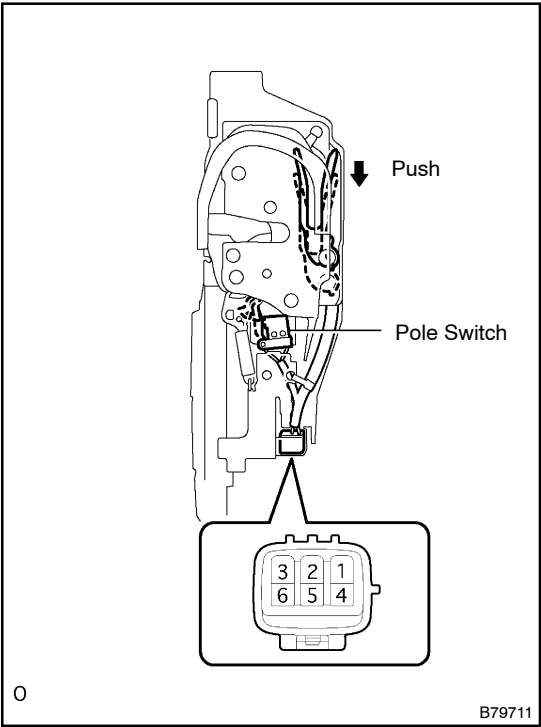
Tester	Condition	Specified Condition
1 – 5	Door open	Below 1 Ω
1 – 5	Half latch	10 k Ω or higher
1 – 5	Door close	10 k Ω or higher
4 – 5	Door open	Below 1 Ω
4 – 5	Half latch	Below 1 Ω
4 – 5	Door closed	10 k Ω or higher

NG

REPLACE COMBINATION SWITCH ASSY

OK

3 INSPECT COMBINATION SWITCH ASSY (POLE SWITCH)



- (a) Disconnect the R36-a lock connector.
- (b) Measure the resistance.

Standard:

Tester Connection	Condition	Specified Condition
2 - 5	Link not pushed	10 k Ω or higher
2 - 5	Link pushed	Below 1 Ω

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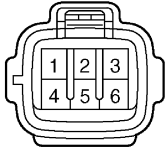
REPLACE COMBINATION SWITCH ASSY

OK

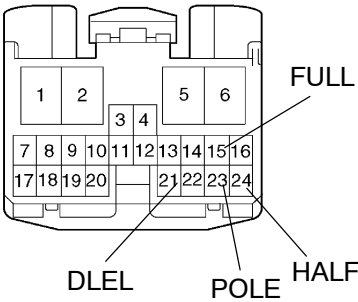
4 CHECK WIRE HARNESS (REAR DOOR ECU RH - REAR DOOR LOCK ASSY RH)

Wire Harness Side

R36-a
Rear Door Lock Assy RH



R36
Rear Door ECU RH



B74441
B62225
Y

- (a) Disconnect the R36-a lock connector.
- (b) Disconnect the R36 ECU connector.
- (c) Measure the resistance.

Standard:

Tester Connection	Specified Condition
R36-a-2 - R36-23 (POLE)	Below 1 Ω
R36-a-1 - R36-24 (HALF)	Below 1 Ω
R36-a-4 - R36-15 (FULL)	Below 1 Ω
R36-a-5 - R36-21 (DLEL)	Below 1 Ω
R36-a-2 - Body ground	10k Ω or higher
R36-a-1 - Body ground	10k Ω or higher
R36-a-4 - Body ground	10k Ω or higher
R36-a-5 - Body ground	10k Ω or higher

NG

REPLACE COMBINATION SWITCH ASSY

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE ([See page 05-2703](#))