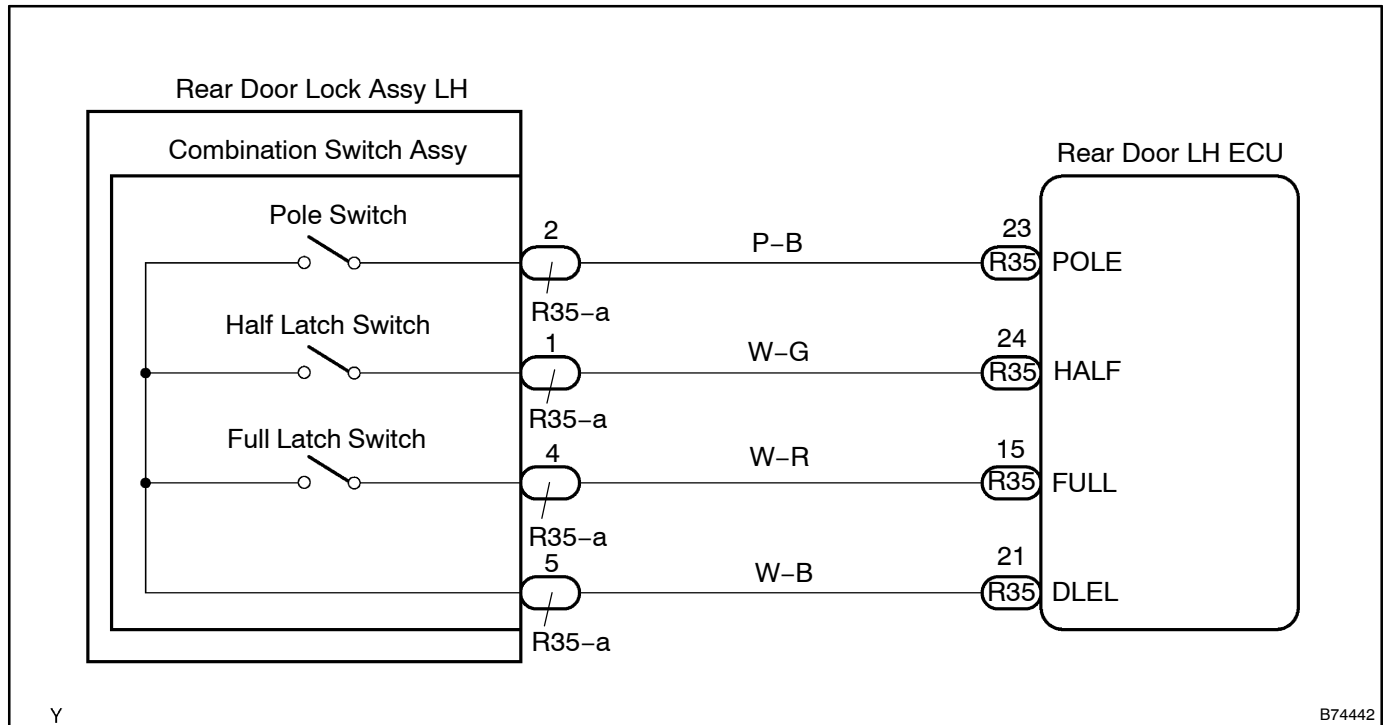


DOOR CLOSER POSITION SWITCH CIRCUIT ON REAR LEFT SIDE DOOR

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 INTELLIGENT TESTER II (DOOR CLOSER POSITION SWITCH (POLE/HALF/FULL))

(a) Check the DATA LIST for proper functioning of the door closer position switch.

Rear Door ECU LH:

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

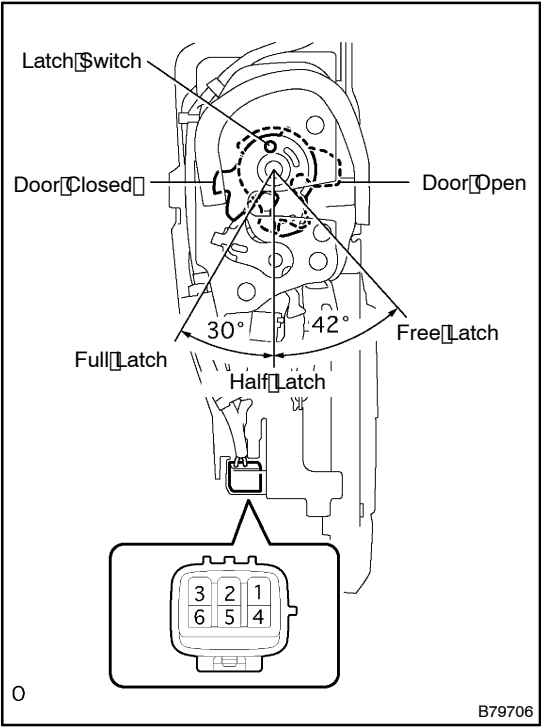
Go to step 2

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)



- (a) Disconnect the R35—a lock connector.
- (b) Measure the resistance.

Standard:

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

*1: LHD

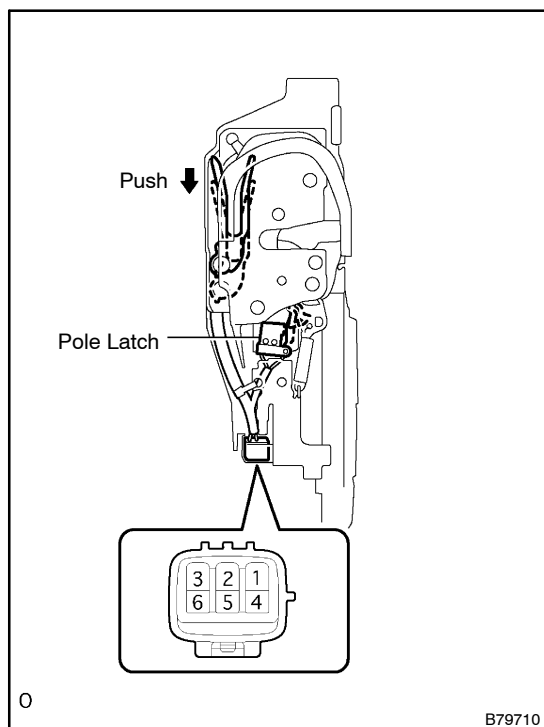
*2: RHD

NG

REPLACE COMBINATION SWITCH ASSY

OK

3 INSPECT COMBINATION SWITCH ASSY (POLE SWITCH)



- (a) Disconnect the R35-a lock connector.
 (b) Measure the resistance.

Standard:

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

NG

REPLACE COMBINATION SWITCH ASSY

OK

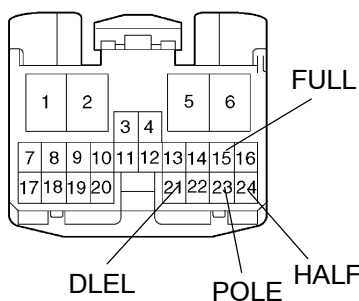
4 CHECK WIRE HARNESS (REAR DOOR ECU LH - REAR DOOR LOCK ASSY LH)

Wire Harness Side

R35-a
Rear Door Lock Assy LH



R35
Rear Door ECU LH



- (a) Disconnect the R35-a lock connector.
 (b) Disconnect the R35 ECU connector.
 (c) Measure the resistance.

Standard:

Tester Connection	Specified Condition
R35-a-2 - R35-23 (POLE)	Below 1 Ω
R35-a-1 - R35-24 (HALF)	Below 1 Ω
R35-a-4 - R35-15 (FULL)	Below 1 Ω
R35-a-5 - R35-21 (DLEL)	Below 1 Ω
R35-a-2 - Body ground	10 kΩ or higher
R35-a-1 - Body ground	10 kΩ or higher
R35-a-4 - Body ground	10 kΩ or higher
R35-a-5 - Body ground	10 kΩ or higher

NG

REPLACE COMBINATION SWITCH ASSY

OK

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