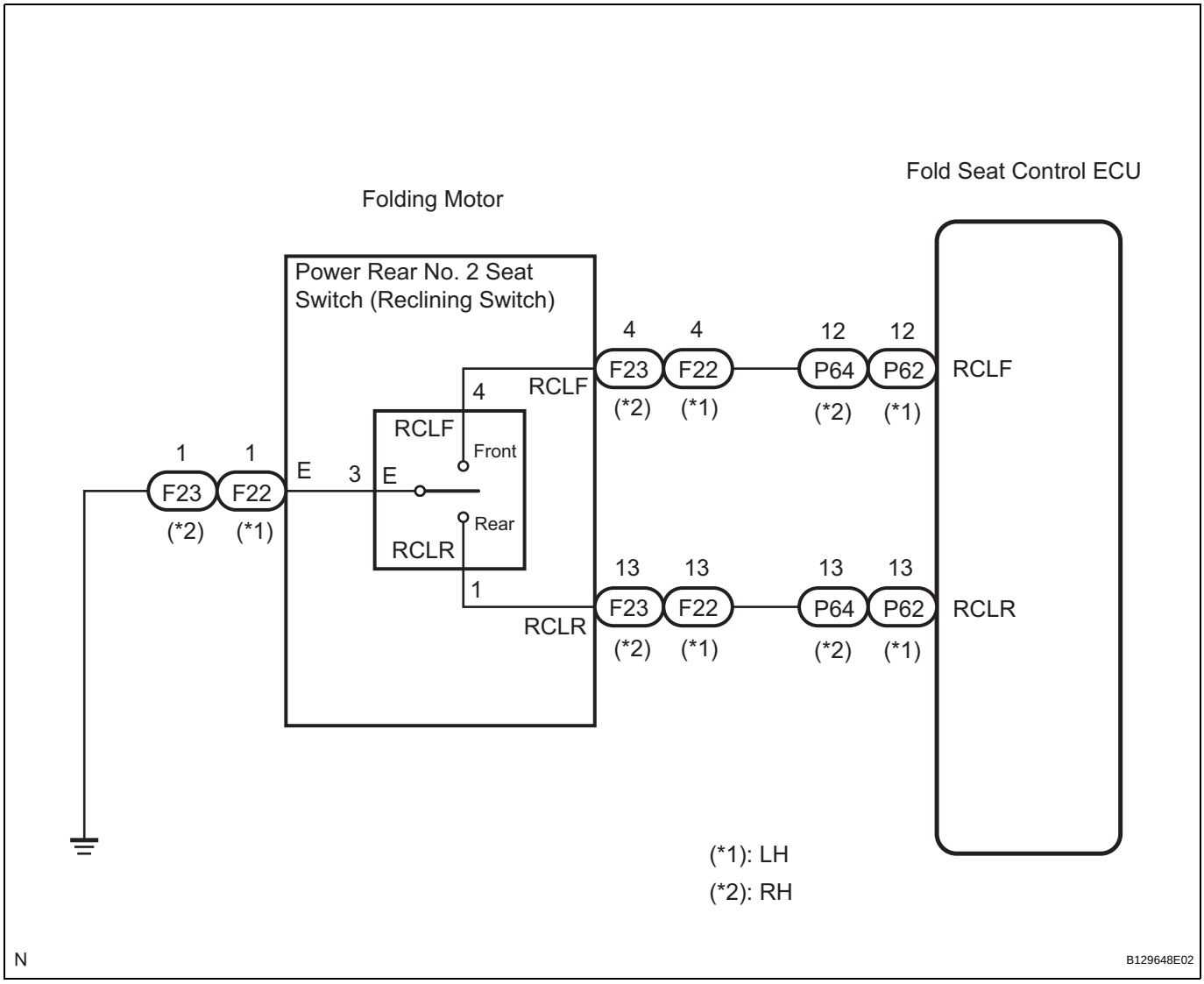
Rear Power Seat Switch Circuit

DESCRIPTION

When the power rear no. 2 seat switch is operated, a recline signal is sent to the fold seat control ECU. The ECU activates the reclining motor based on the signal from the power rear no. 2 seat switch.

WIRING DIAGRAM

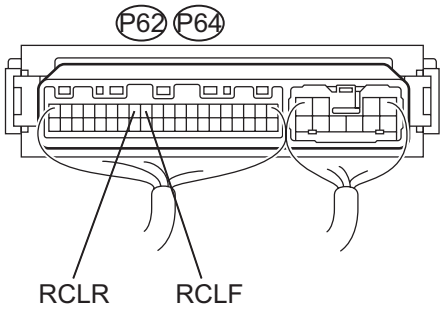


SE

INSPECTION PROCEDURE

1	INSPECT FOLD SEAT CONTROL ECU

Fold Seat Control ECU Connector Wire Harness View:



(a) Remove the fold seat control ECU.
(b) Measure the voltage according to the value(s) in the table below.

Standard voltage:

LH side

Tester connection (Symbols)	Condition	Specified condition
P62-12 (RCLF) - Body ground	Always	10 to 14 V
P62-12 (RCLF) - Body ground	Power rear no. 2 seat switch: FORWARD	Below 1 V
P62-13 (RCLR) - Body ground	Always	10 to 14 V
P62-13 (RCLR) - Body ground	Power rear no. 2 seat switch: BACKWARD	Below 1 V

RH side

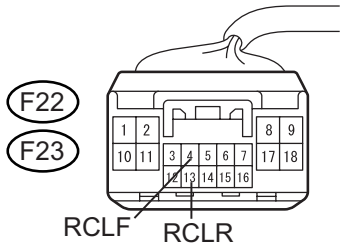
Tester connection (Symbols)	Condition	Specified condition
P64-12 (RCLF) - Body ground	Always	10 to 14 V
P64-12 (RCLF) - Body ground	Power rear no. 2 seat switch: FORWARD	Below 1 V
P64-13 (RCLR) - Body ground	Always	10 to 14 V
P64-13 (RCLR) - Body ground	Power rear no. 2 seat switch: BACKWARD	Below 1 V

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

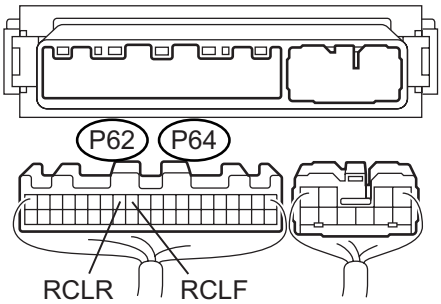
NG

2 CHECK HARNESS AND CONNECTOR (FOLD SEAT CONTROL ECU - FOLDING MOTOR)

Folding Motor Connector Front View:



Fold Seat Control ECU Connector Wire Harness View:



H

B168173E01

(a) Disconnect the connectors from the fold seat control ECU.
(b) Disconnect the connector from the folding motor.
(c) Measure the resistance according to the value(s) in the table below.

Standard resistance:

LH side

Tester connection (Symbols)	Condition	Specified condition
P62-12 (RCLF) - F22-4 (RCLF)	Always	Below 1 Ω
P62-13 (RCLR) - F22-13 (RCLR)	Always	Below 1 Ω
P62-12 (RCLF) - Body ground	Always	10 kΩ or higher
P62-13 (RCLR) - Body ground	Always	10 kΩ or higher

RH side

Tester connection (Symbols)	Condition	Specified condition
P64-12 (RCLF) - F23-4 (RCLF)	Always	Below 1 Ω
P64-13 (RCLR) - F23-13 (RCLR)	Always	Below 1 Ω
P64-12 (RCLF) - Body ground	Always	10 kΩ or higher
P64-13 (RCLR) - Body ground	Always	10 kΩ or higher

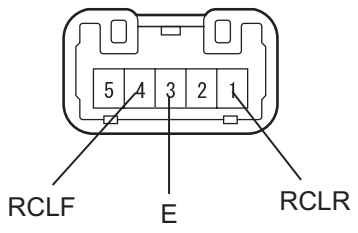
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

SE

3 INSPECT POWER REAR NO. 2 SEAT SWITCH

Power Rear No. 2 Seat Switch Connector Front View:



H B129668E02

(a) Disconnect the connector from the power rear no. 2 seat switch.

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

Standard resistance:

LH side

Tester connection (Symbols)	Condition	Specified condition
4 (RCLF) - 1 (E)	Always	10 kΩ or higher
4 (RCLF) - 1 (E)	Power rear no. 2 seat switch: FORWARD	Below 1 Ω
13 (RCLR) - 1 (E)	Always	10 kΩ or higher
13 (RCLR) - 1 (E)	Power rear no. 2 seat switch: BACKWARD	Below 1 Ω

RH side

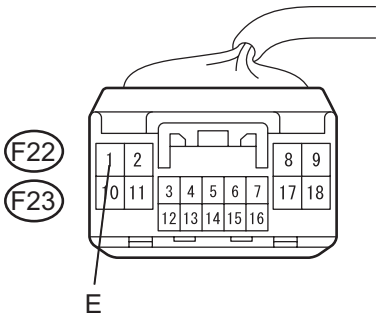
Tester connection (Symbols)	Condition	Specified condition
4 (RCLF) - 1 (E)	Always	10 kΩ or higher
4 (RCLF) - 1 (E)	Power rear no. 2 seat switch: FORWARD	Below 1 Ω
13 (RCLR) - 1 (E)	Always	10 kΩ or higher
13 (RCLR) - 1 (E)	Power rear no. 2 seat switch: BACKWARD	Below 1 Ω

NG → **REPLACE POWER REAR NO. 2 SEAT SWITCH**

OK

4 CHECK HARNESS AND CONNECTOR (FOLDING MOTOR - BODY GROUND)

Folding Motor Connector Front View:



H B129662E03

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

Standard resistance:

LH side

Tester connection (Symbols)	Condition	Specified condition
F22-1 (E) - Body ground	Always	Below 1 Ω

RH side

Tester connection (Symbols)	Condition	Specified condition
F23-1 (E) - Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

SE

5	REPAIR OR REPLACE HARNESS OR CONNECTOR (WIRE INSIDE SEAT)

(a) Repair or replace harness or connector (wire inside seat) and check that the malfunction disappears.
OK:
Malfunction disappears.

NG → **REPLACE FOLD SEAT CONTROL ECU**

OK

END