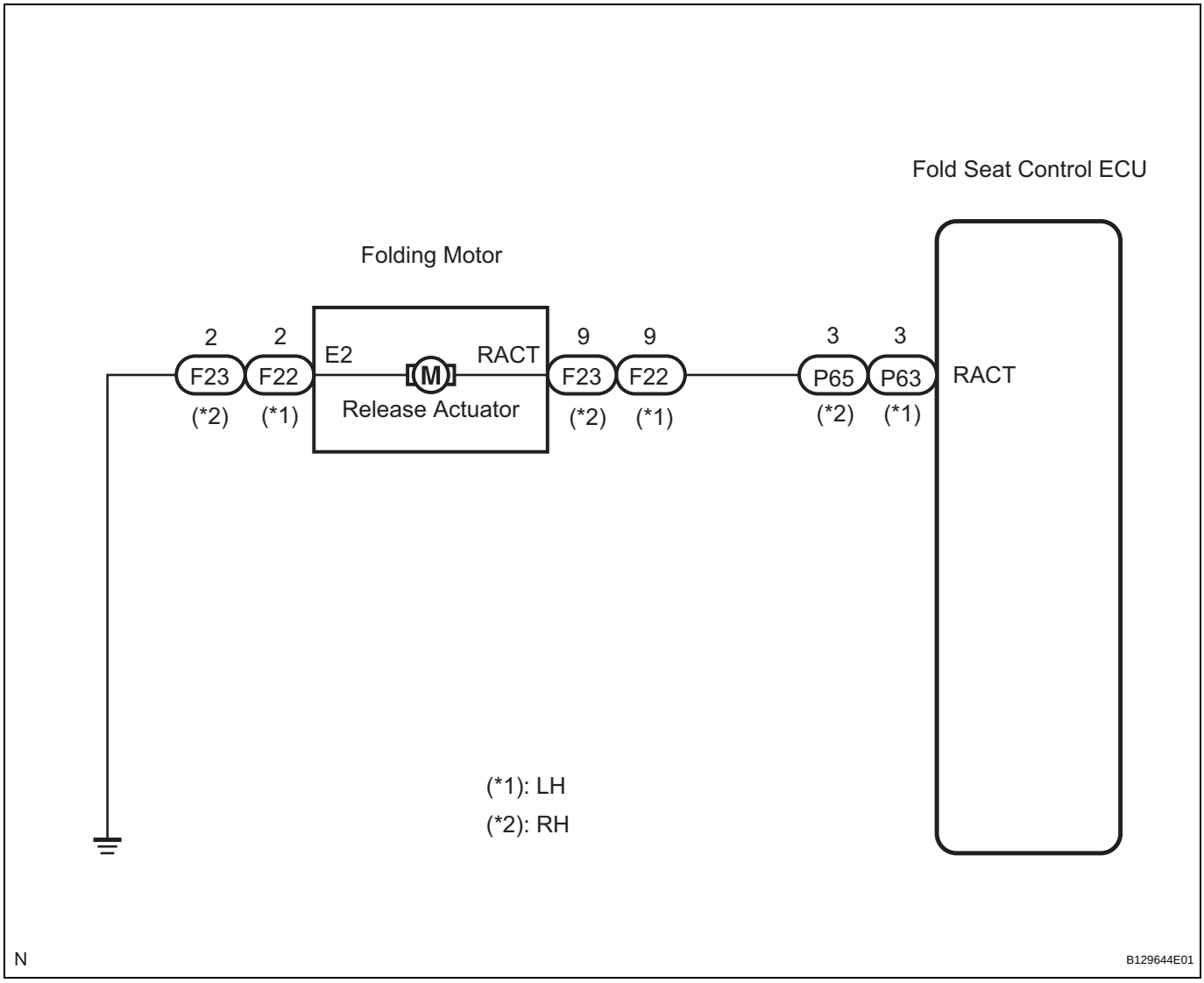
Release Actuator Circuit

DESCRIPTION

The fold seat control ECU receives a switch operation signal from the fold seat switch and activates the release actuator. The release actuator releases the lock of the stowed seat based on a drive voltage received from the ECU.

WIRING DIAGRAM

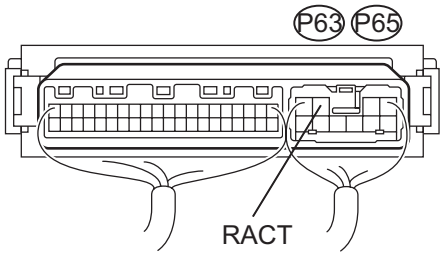


SE

INSPECTION PROCEDURE

1	INSPECT FOLD SEAT CONTROL ECU

Fold Seat Control ECU Connector Wire Harness View:



H B129650E06

(a) Remove the fold seat control ECU with connector still connected.

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

Standard voltage

LH side

Tester connection (Symbols)	Condition	Specified condition
P63-3 (RACT) - Body ground	Stowing/Return switch: RETURN	10 to 14 V

RH side

Tester connection (Symbols)	Condition	Specified condition
P65-3 (RACT) - Body ground	Stowing/Return switch: RETURN	10 to 14 V

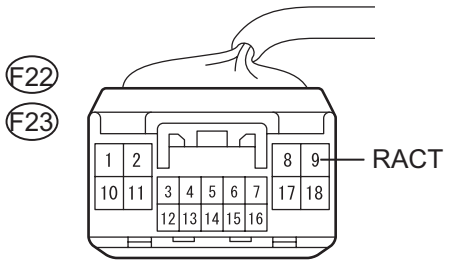
OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

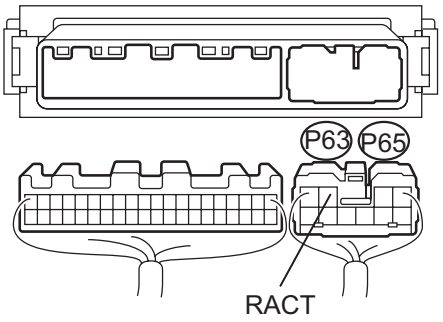
SE

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 B129659E02

(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
P63-3 (RACT) - F22-9 (RACT)	Always	Below 1 Ω
P63-3 (RACT) - Body ground	Always	10 kΩ or higher

RH side

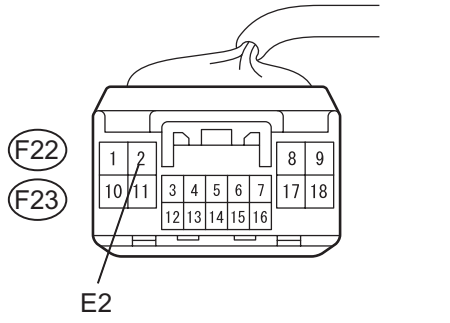
Tester Connection (Symbols)	Condition	Specified Condition
P65-3 (RACT) - F23-9 (RACT)	Always	Below 1 Ω
P65-3 (RACT) - Body ground	Always	10 kΩ or higher

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

OK

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

Folding Motor Connector Front View:



H B129662E01

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

Standard resistance

LH side

Tester connection (Symbols)	Condition	Specified condition
F22-2 (E2) - Body ground	Always	Below 1 Ω

RH side

Tester connection (Symbols)	Condition	Specified condition
F23-2 (E2) - Body ground	Always	Below 1 Ω

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

SE

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE