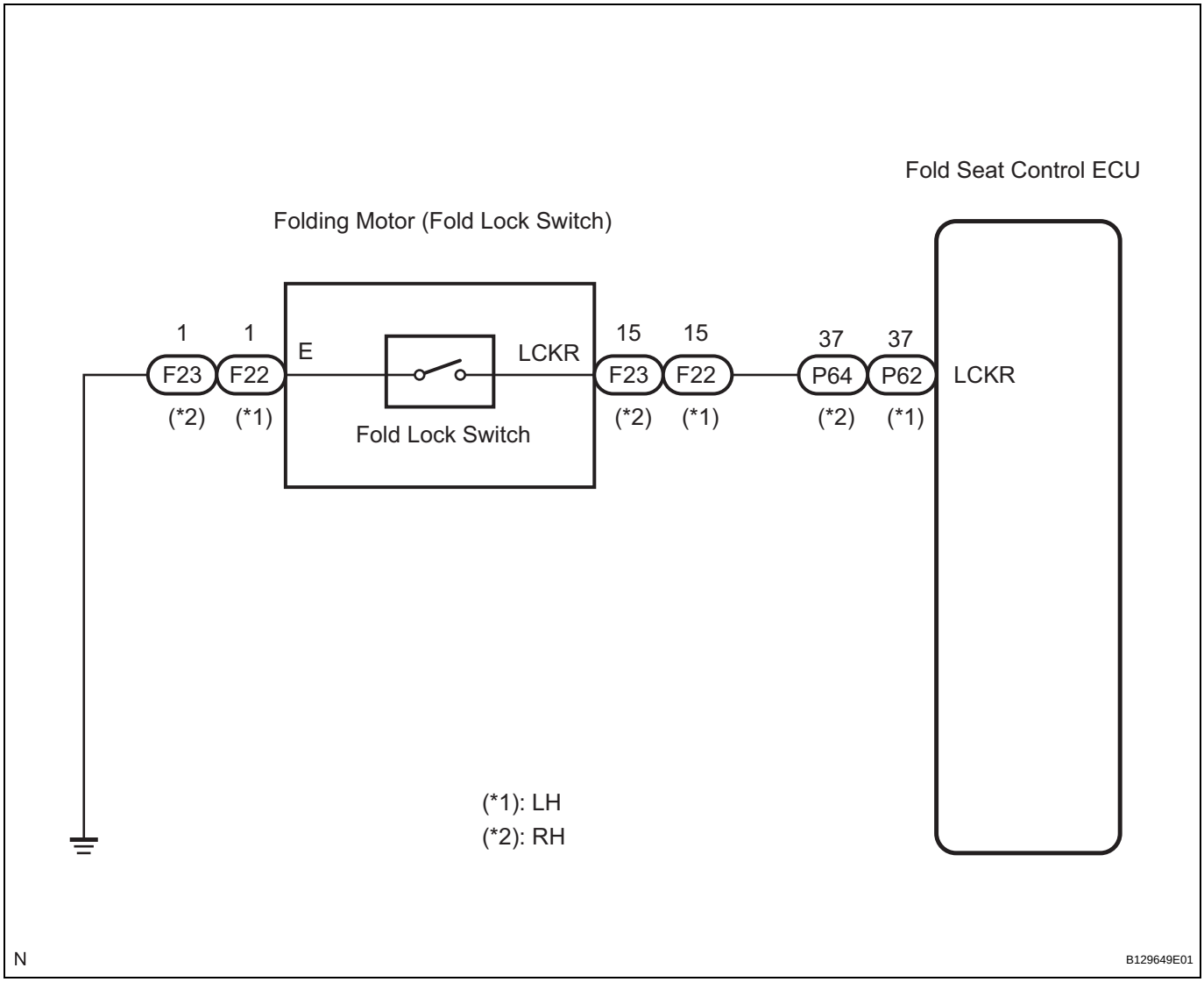
Fold Lock Switch Circuit

DESCRIPTION

Each of the left and right seats has a fold lock switch that detects the lock condition of the seat legs and floor when the seat is in the stowed state. If the fold lock switch detects an unlock condition, the 3rd SEAT indicator on the combination meter will come on.

WIRING DIAGRAM

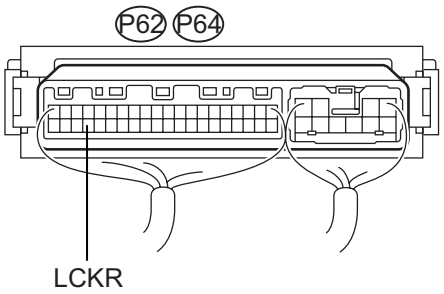


SE

INSPECTION PROCEDURE

1	INSPECT FOLD SEAT CONTROL ECU

Fold Seat Control ECU Connector Wire Harness View:



H

B129650E09

(a) Remove the fold seat control ECU with connectors 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
P62-37 (LCKR) - Body ground	Fold lock switch: UNLOCK	Below 1 V
P62-37 (LCKR) - Body ground	Fold lock switch: LOCK	10 to 14 V

RH side

Tester Connection (Symbols)	Condition	Specified Condition
P64-37 (LCKR) - Body ground	Fold lock switch: UNLOCK	Below 1 V
P64-37 (LCKR) - Body ground	Fold lock switch: LOCK	10 to 14 V

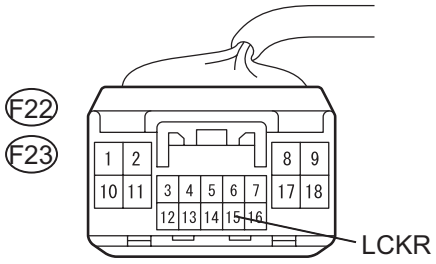
OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

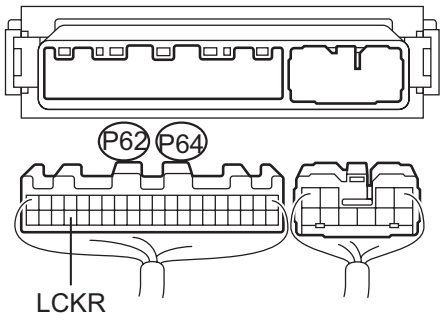
SE

2	CHECK HARNESS AND CONNECTOR (FOLD SEAT CONTROL ECU - FOLD LOCK SWITCH)

Folding Motor Connector Front View:



Fold Seat Control ECU Connector Wire Harness View:



H B129659E06

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

Standard resistance

LH side

Tester Connection (Symbols)	Condition	Condition
P62-37 (LCKR) - F22-15 (LCKR)	Always	Below 1 Ω
P62-37 (LCKR) - Body ground	Always	10 kΩ or higher

RH side

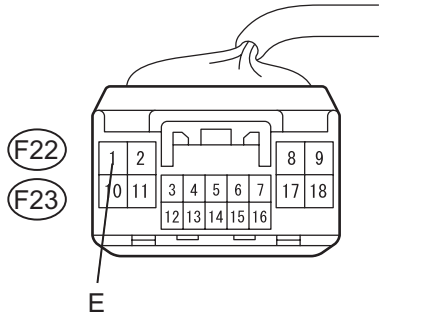
Tester Connection (Symbols)	Condition	Condition
P64-37 (LCKR) - F23-15 (LCKR)	Always	Below 1 Ω
P64-37 (LCKR) - Body ground	Always	10 kΩ or higher

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

OK

3	CHECK HARNESS AND CONNECTOR (FOLD LOCK SWITCH - BODY GROUND)

Folding Motor Connector Front View:



H B129662E02

(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

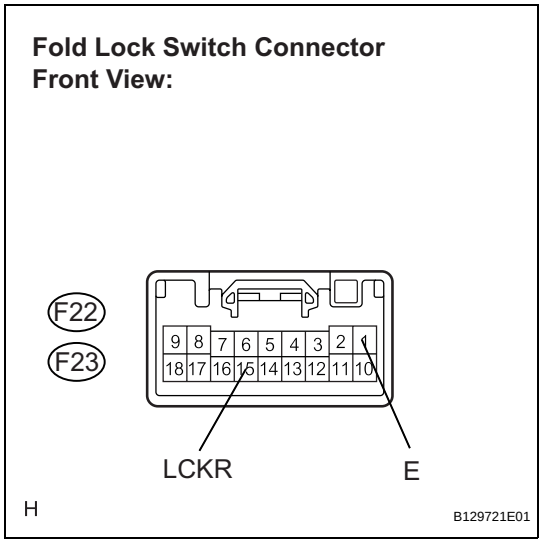
Tester Connection (Symbols)	Condition	Specified Condition
F23-1 (E) - Body ground	Always	Below 1 Ω

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

SE

OK

4	INSPECT FOLD LOCK SWITCH



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

Standard resistance

LH side

Tester Connection (Symbols)	Condition	Specified Condition
F22-15 (LCKR) - F22-1 (E)	Fold lock switch: UNLOCK	Below 1 Ω
F22-15 (LCKR) - F22-1 (E)	Fold lock switch: LOCK	10 kΩ or higher

RH side

Tester Connection (Symbols)	Condition	Specified Condition
F23-15 (LCKR) - F23-1 (E)	Fold lock switch: UNLOCK	Below 1 Ω
F23-15 (LCKR) - F23-1 (E)	Fold lock switch: LOCK	10 kΩ or higher

NG → **REPLACE FOLD LOCK SWITCH**

OK

REPLACE FOLD SEAT CONTROL ECU