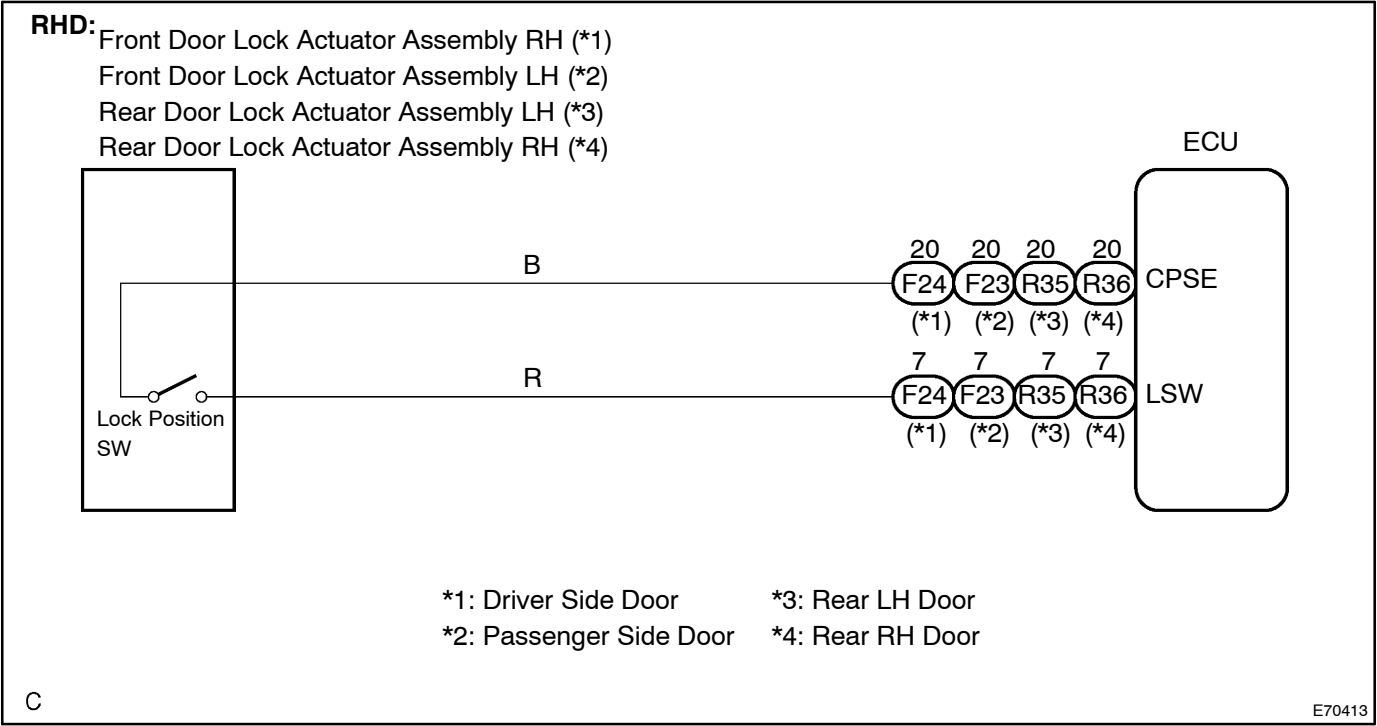
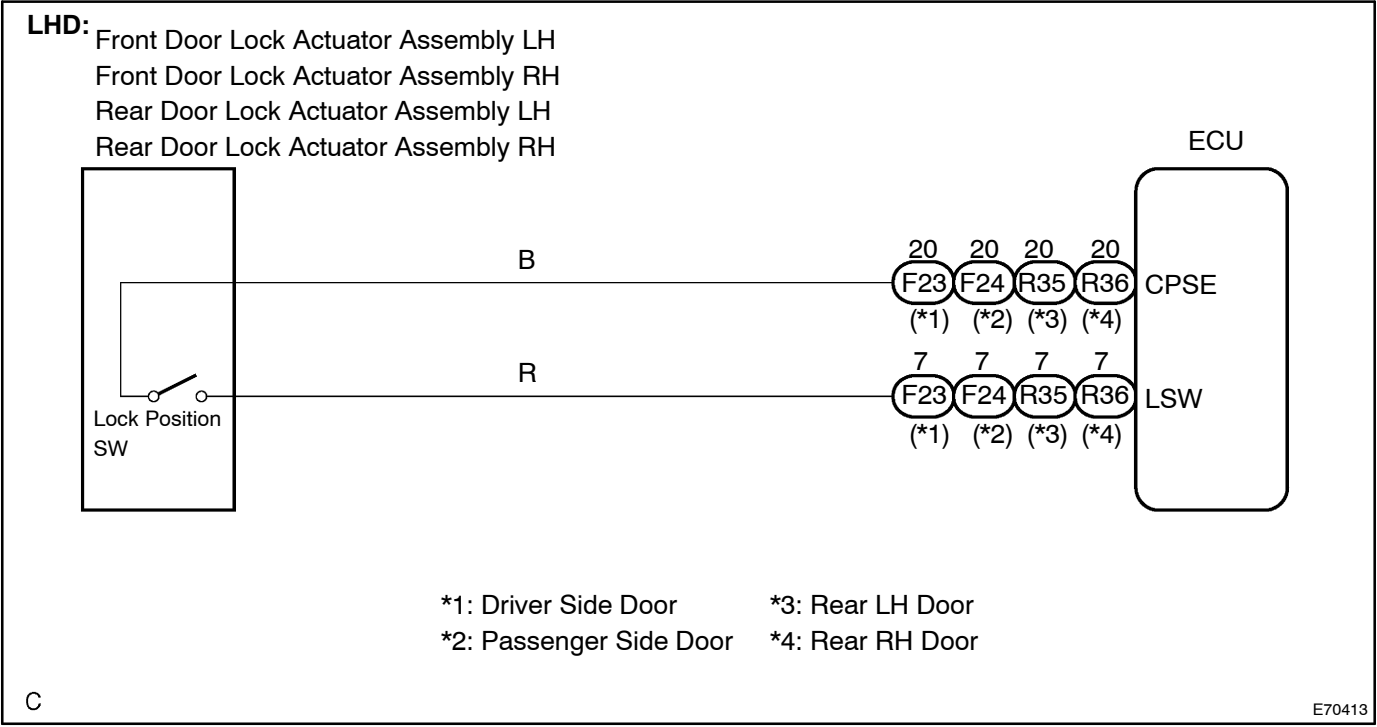


DOOR LOCK POSITION CIRCUIT

CIRCUIT DESCRIPTION

The door ECU receives door lock information from each detection switch and sends it to each of the ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

- Before this procedure, check if the wireless door lock system operation is normal.
- The procedure is the same for all door lock positions. Inspect the suspected door lock position first.

1 READ VALUE OF INTELLIGENT TESTER II

- Connect the intelligent tester II to the DLC3.
- Turn the ignition switch to the ON position and turn the intelligent tester II main switch on.
- Select the item below in the DATA LIST, and read the display on the intelligent tester II.

DOOR:

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Door Unlock Detection SW	Door unlock detection switch/ON or OFF	ON: Door is unlock OFF: Door is lock	-

OK: Condition sign can be displayed.

HINT:

All door ECUs send the same message to the intelligent tester II.

NG

Go to step 2

OK

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1369)**

2 INSPECT MPX DOOR ECU

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

Standard:

Driver Side Door:

LHD:

Tester Connection	Condition	Specified Condition
F23-7 - F23-20	Driver's door is locked	10 to 14 V
F23-7 - F23-20	Driver's door is unlocked	Below 1 V

RHD:

Tester Connection	Condition	Specified Condition
F24-7 - F24-20	Driver's door is locked	10 to 14 V
F24-7 - F24-20	Driver's door is unlocked	Below 1 V

Passenger Side Door:

LHD:

Tester Connection	Condition	Specified Condition
F24-7 - F24-20	Passenger's door is locked	10 to 14 V
F24-7 - F24-20	Passenger's door is unlocked	Below 1 V

RHD:

Tester Connection	Condition	Specified Condition
F23-7 - F23-20	Passenger's door is locked	10 to 14 V
F23-7 - F23-20	Passenger's door is unlocked	Below 1 V

Rear LH Door:

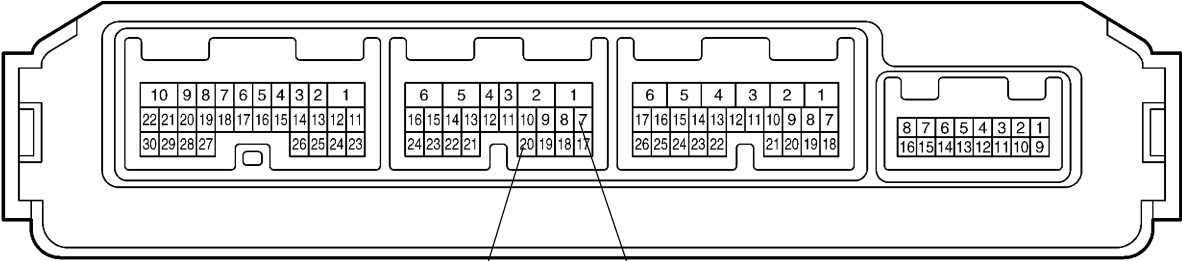
Tester Connection	Condition	Specified Condition
R35-7 - R35-20	Rear LH door is locked	10 to 14 V
R35-7 - R35-20	Rear LH door is unlocked	Below 1 V

Rear RH Door:

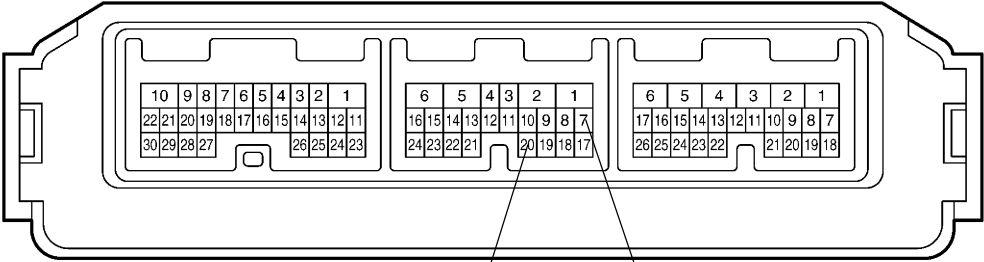
Tester Connection	Condition	Specified Condition
R36-7 - R36-20	Rear RH door is locked	10 to 14 V
R36-7 - R36-20	Rear RH door is unlocked	Below 1 V

Connector Front View:

F23 (*1) F24 (*2) Driver Door ECU
F24 (*1) F23 (*2) Passenger Door ECU



R35 Rear LH Door
R36 Rear LH Door



*1: LHD
*2: RHD

E70401
E70402

I37556

NG

GO TO POWER DOOR LOCK CONTROL
SYSTEM (SEE PAGE 05-2529)

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1369)