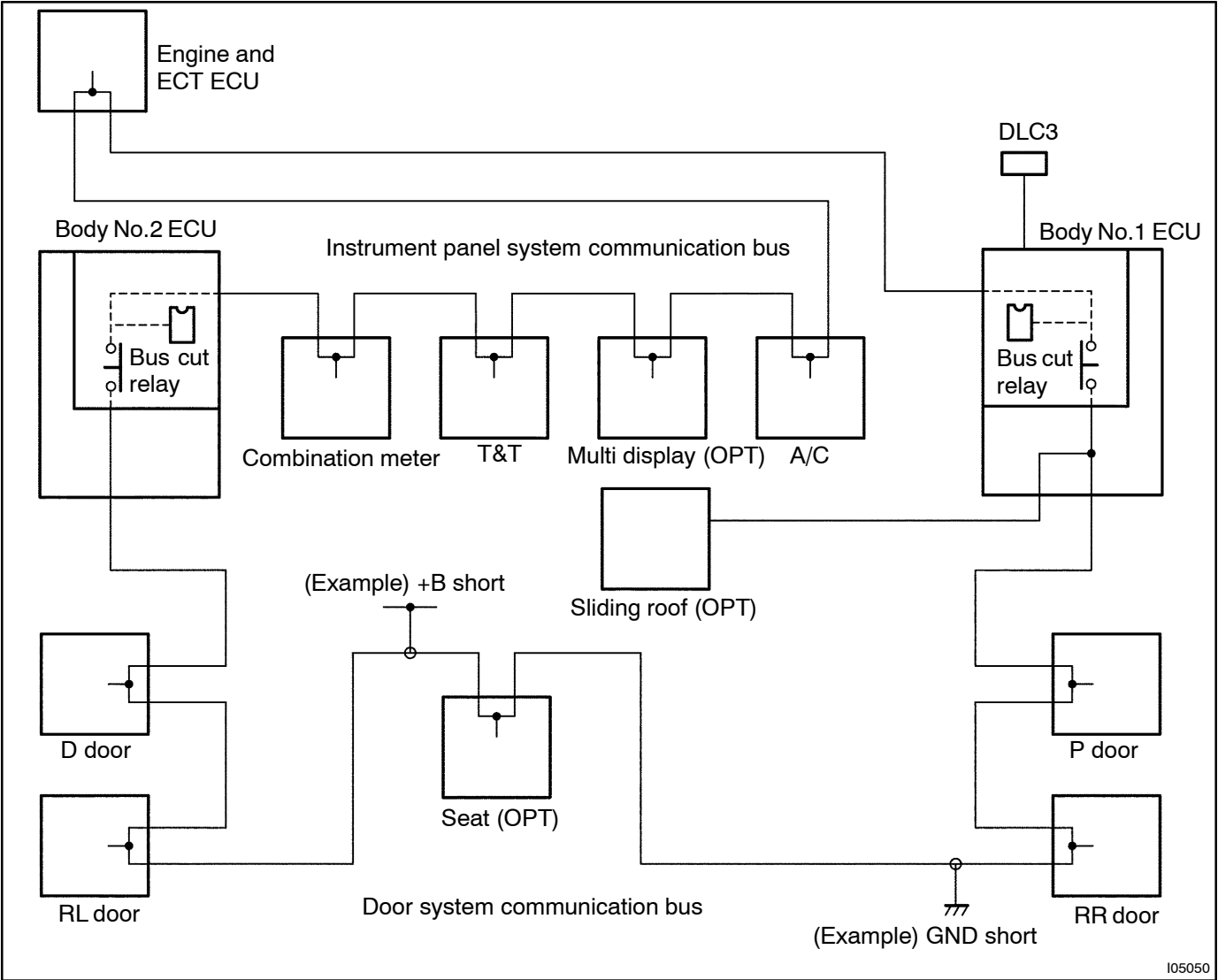


DTC	B1214 / 14	Door system communication bus mal-function (+B short)
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DTC	B1215 / 15	Door system communication bus mal-function (GND short)
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CIRCUIT DESCRIPTION

This DTC is output when +B or GND short occurs on door system communication bus. If +B or GND short is detected on door system communication bus, separate it by bus cut relay in body No.1 ECU and body No.2 ECU to prevent while communication buses' failure.

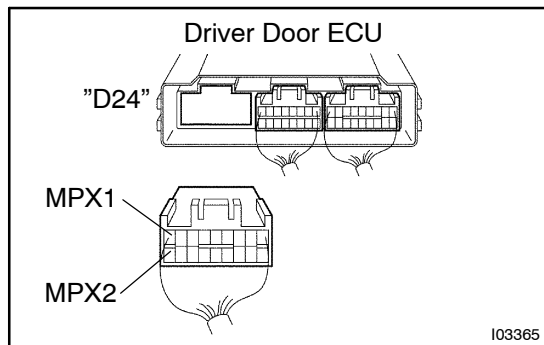


WIRING DIAGRAM

See [page DI-816](#), [DI-820](#)

INSPECTION PROCEDURE

1 Check the communication circuit inside driver door ECU.



PREPARATION:

Disconnect the connector "D24" of driver door ECU.

CHECK:

Check the DTC.

OK:

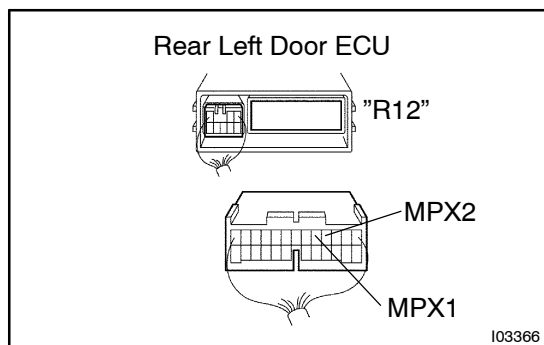
Code B1214/14 or B1215/15 is not output

OK

Replace the driver door ECU.

NG

2 Check the communication circuit inside rear left door ECU.



PREPARATION:

(a) Connect the connector "D24" of driver door ECU.

(b) Disconnect the connector "R12" of rear left door ECU.

CHECK:

Check the DTC.

OK:

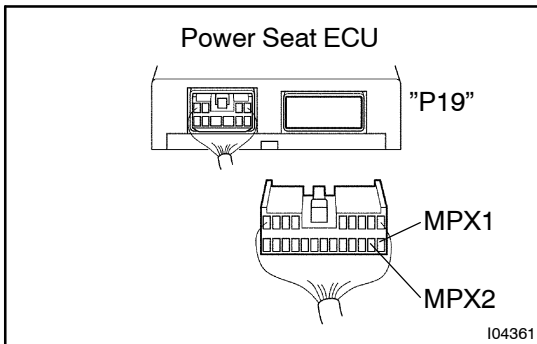
Code B1214/14 or B1215/15 is not output

OK

Replace the rear left door ECU.

NG

3 Check the communication circuit inside seat ECU.



PREPARATION:

- (a) Connect the connector "R12" of rear left door ECU.
- (b) Disconnect the connector "P19" of power seat ECU.

CHECK:

Check the DTC.

OK:

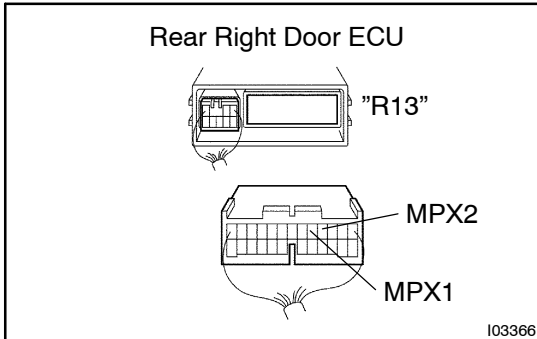
Code B1214/14 or B1215/15 is not output

OK

Replace the power seat ECU.

NG

4 Check the communication circuit inside rear right door ECU.



PREPARATION:

- (a) Connect the connector "P19" of power seat ECU.
- (b) Disconnect the connector "R13" of rear right door ECU.

CHECK:

Check the DTC.

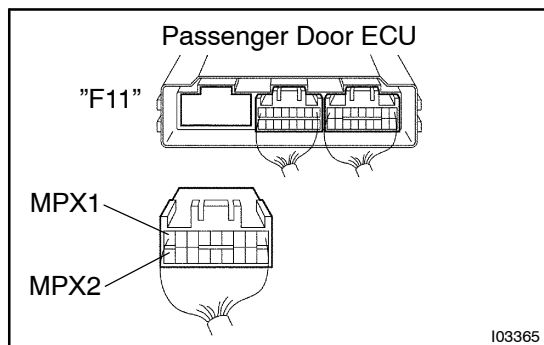
OK:

Code B1214/14 or B1215/15 is not output

OK

Replace the rear right door ECU.

NG

5 Check the communication circuit inside passenger door ECU.**PREPARATION:**

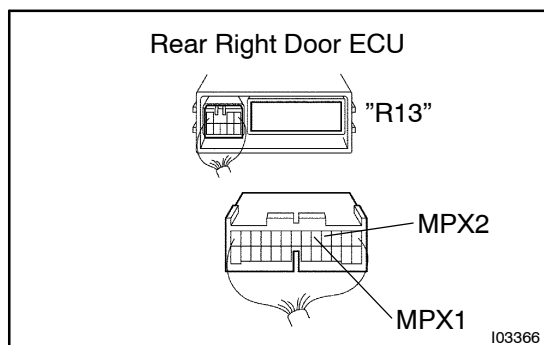
- (a) Connect the connector "R13" of rear right door ECU.
- (b) Disconnect the connector "F11" of passenger door ECU.

CHECK:

Check the DTC.

OK:

Code B1214/14 or B1215/15 is not output

OK**Replace the passenger door ECU.****NG****6 Check for short circuit between passenger door ECU and rear right door ECU.****PREPARATION:**

- (a) Disconnect the connector "R13" of rear right door ECU.

CHECK:

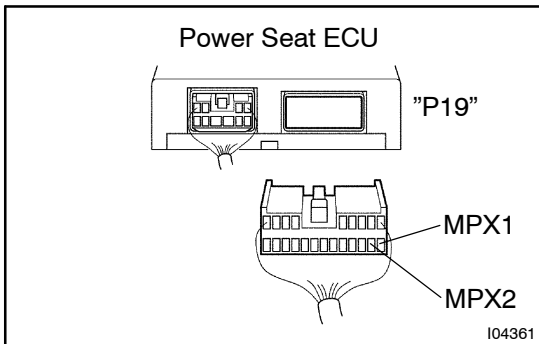
Check the DTC.

OK:

Code B1214/14 or B1215/15 is not output

OK**Repair or replace the wireharness between passenger door ECU and rear right door ECU.****NG**

7 Check for short circuit between rear right door ECU and power seat ECU.



PREPARATION:

- (a) Connect the connector "F11" of passenger door ECU.
- (b) Disconnect the connector "P19" of power seat ECU.

CHECK:

Check the DTC.

OK:

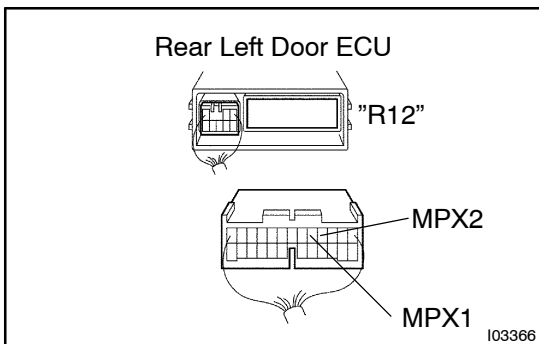
Code B1214/14 or B1215/15 is not output

OK

Repair or replace the wireharness between rear right door ECU and power seat ECU.

NG

8 Check for short circuit between power seat ECU and rear left door ECU.



PREPARATION:

- (a) Connect the connector "R13" of rear right door ECU.
- (b) Disconnect the connector "R12" of rear left door ECU.

CHECK:

Check the DTC.

OK:

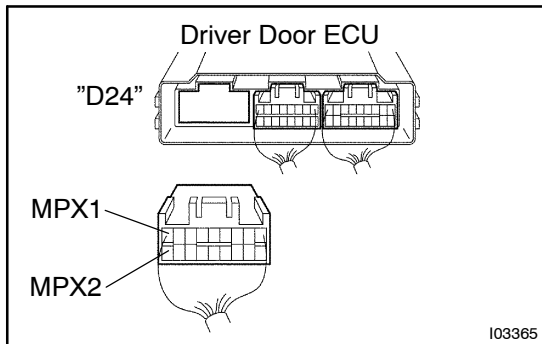
Code B1214/14 or B1215/15 is not output

OK

Repair or replace the wireharness between seat ECU and rear left door ECU.

NG

9 Check for short circuit between rear left door ECU and driver door ECU.



PREPARATION:

- (a) Connect the connector "P19" of power seat ECU.
- (b) Disconnect the connector "D24" of driver door ECU.

CHECK:

Check the DTC.

OK:

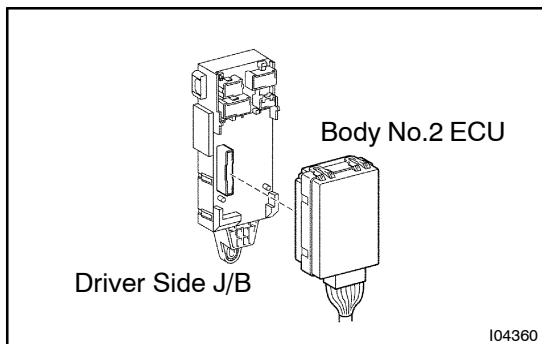
Code B1214/14 or B1215/15 is not output

OK

Repair or replace the wireharness between rear left ECU and driver door ECU.

NG

10 Check for short circuit between driver door ECU and body No.2 ECU.



PREPARATION:

- (a) Connect the connector "R12" of rear left door ECU.
- (b) Disconnect the connector of body No.2 ECU.

HINT:

Connector is disconnected by removing Body No.2 ECU from driver side junction block.

CHECK:

Check the DTC.

OK:

Code B1214/14 or B1215/15 is not output

OK

Repair or replace the wireharness between driver door ECU and body No.2 ECU.

NG

11	Check for short circuit between passenger door ECU, sliding roof ECU and body No.1 ECU.
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PREPARATION:

- (a) Connect the connector "D24" of driver door ECU.
- (b) Install the body No.2 ECU to driver side junction block.
- (c) Disconnect the connector of sliding roof ECU and "F11" of passenger door ECU.
- (d) Disconnect the connector of body No.1 ECU.

HINT:

Connector is disconnected by removing Body No.1 ECU from passenger side junction block.

CHECK:

Check wireharness between passenger door ECU, sliding roof ECU and body No.1 ECU.

OK:**NG**

Repair or replace the wireharness between passenger door ECU, sliding roof ECU and body No.1 ECU.

OK

Replace the body No.1 ECU.