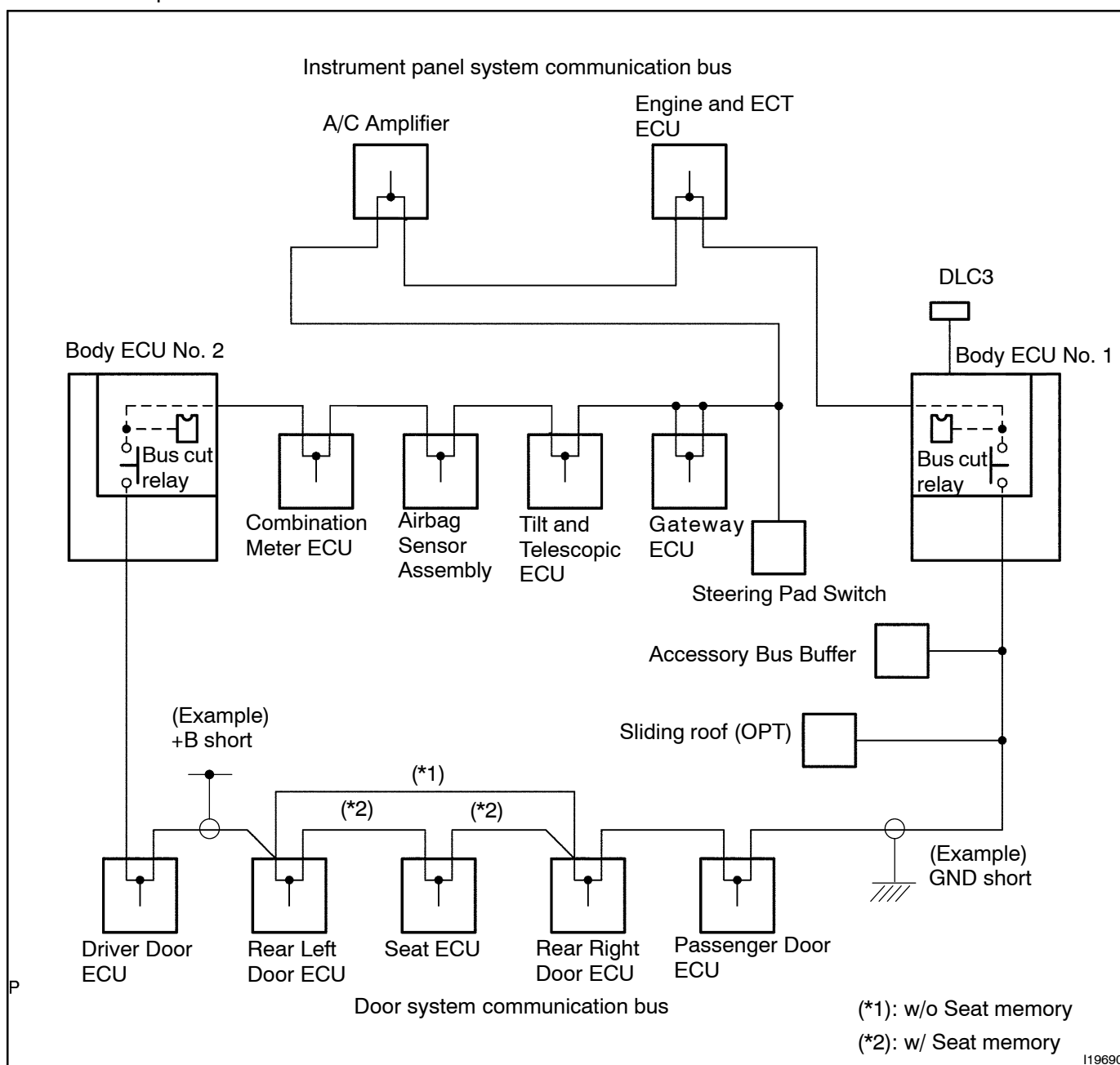


DTC	B1214 / 14	Door system communication bus mal-function (+B short)
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DTC	B1215 / 15	Door system communication bus mal-function (GND short)
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CIRCUIT DESCRIPTION

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 ECU No. 1 and Body ECU No. 2 to prevent while communication buses' failure.



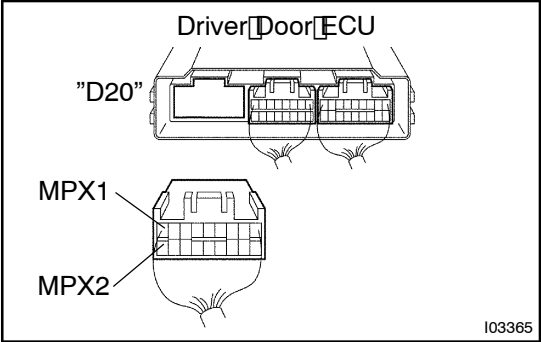
I19690

WIRING DIAGRAM

See page DI-747, DI-753

INSPECTION PROCEDURE

1	Check the communication circuit inside passenger door ECU.
---	--



PREPARATION:

Disconnect the connector "D20" of driver door ECU.

CHECK:

Check the DTC.

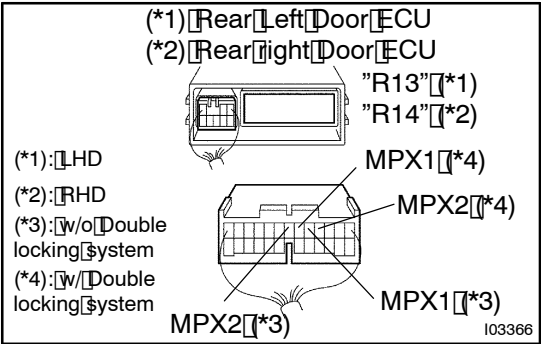
OK:

Code B1214/14 or B1215/15 is not output

OK	Replace the driver door ECU.
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NG

2	Check the communication circuit inside rear left (or right) door ECU. (): RHD models
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PREPARATION:

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

(b) (): RHD models:

Disconnect the connector "R13" (or "R14") of rear left (or right) door ECU.

CHECK:

Check the DTC.

OK:

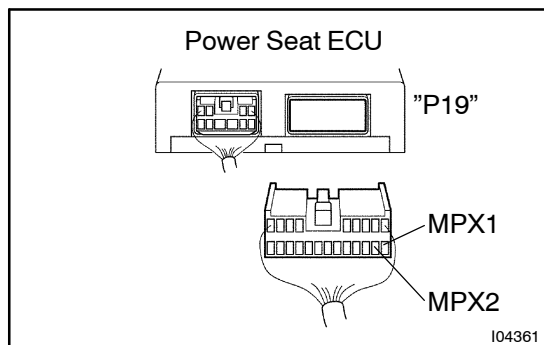
Code B1214/14 or B1215/15 is not output

OK	Replace the rear left (or right) door ECU.
----	--

NG

w/ Driving position memory seat: Proceed to step 3. w/o Driving position memory seat: Proceed to step 4.

3 Check the communication circuit inside seat ECU.



PREPARATION:

- (a) (): RHD models:
Connect the connector "R13" (or "R14") of rear left (or right) door ECU.
- (b) Disconnect the connector "P19" of power seat ECU.

CHECK:

Check the DTC.

OK:

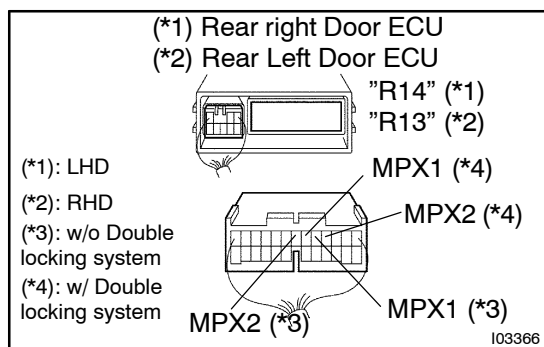
Code B1214/14 or B1215/15 is not output

OK

Replace the power seat ECU.

NG

4 Check the communication circuit inside rear right (or left) door ECU.



PREPARATION:

- (a) Connect the connector "P19" of power seat ECU.
- (b) (): RHD models:
Disconnect the connector "R14" (or "R13") of rear right (or left) door ECU.

CHECK:

Check the DTC.

OK:

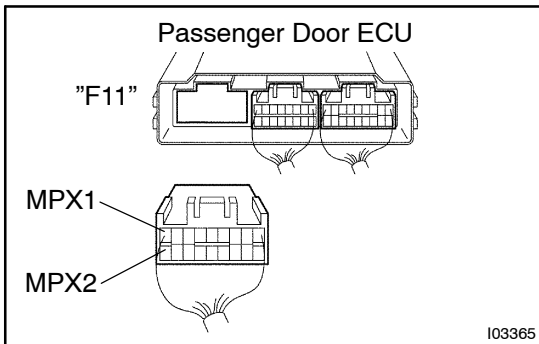
Code B1214/14 or B1215/15 is not output

OK

Replace the rear right (or left) door ECU.
(): RHD models

NG

5 Check the communication circuit inside passenger door ECU.



PREPARATION:

- (a) (): RHD models:
Connect the connector "R14" ("R13") of rear right (or left) door ECU.
- (b) Disconnect the connector "F11" of passenger door ECU.

CHECK:

Check the DTC.

OK:

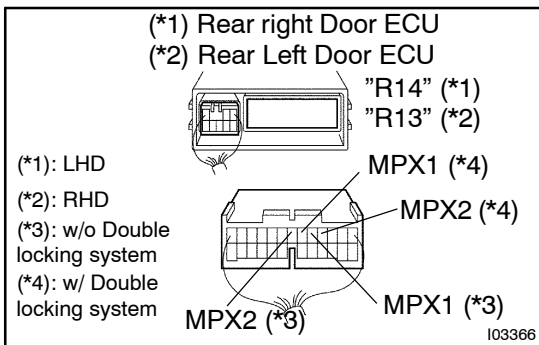
Code B1214/14 or B1215/15 is not output

OK

Replace the passenger door ECU.

NG

6 Check for short circuit between passenger door ECU and rear right (or left) door ECU. (): RHD models



PREPARATION:

- (): RHD models:
Disconnect the connector R14 (or "R13") of rear right (or left) door ECU.

CHECK:

Check the DTC.

OK:

Code B1214/14 or B1215/15 is not output

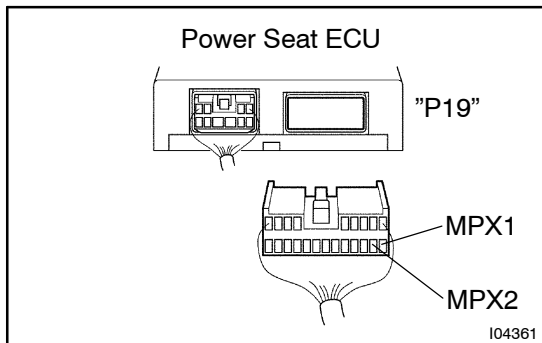
OK

Repair or replace the wireharness between passenger door ECU and rear right (or left) door ECU. (): RHD models

NG

w/ Driving position memory seat: Proceed to step 7.
w/o Driving position memory seat: Proceed to step 9.

**7 Check for short circuit between rear right (or left) door ECU and power seat ECU.
(): RHD models**



PREPARATION:

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

CHECK:

Check the DTC.

OK:

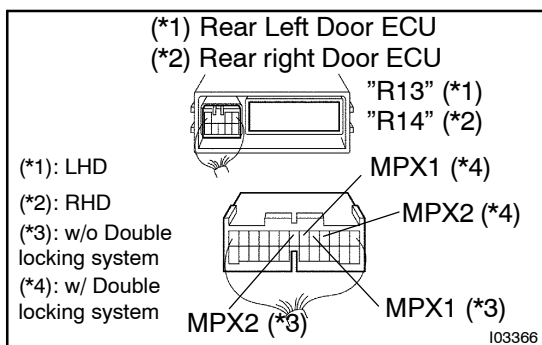
Code B1214/14 or B1215/15 is not output

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 (or right) door ECU.
(): RHD models**



PREPARATION:

- (a) (): RHD models:
Connect the connector "R14"(or "R13") of rear right (or left) door ECU.
- (b) ():RHD models:
Disconnect the connector "R13" (or "R14") of rear left (or right) door ECU.

CHECK:

Check the DTC.

OK:

Code B1214/14 or B1215/15 is not output

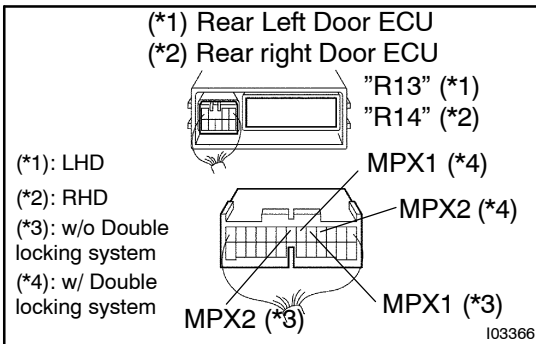
OK

Repair or replace the wireharness between seat ECU and rear left (or right) door ECU.
(): RHD models

NG

Proceed to step 11

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



PREPARATION:

- Connect the connector "P19" of power seat ECU.
- (): RHD models:
Disconnect the connector "R14 (or "R13") rear right (or left) door ECU.

CHECK:

Check the DTC.

OK:

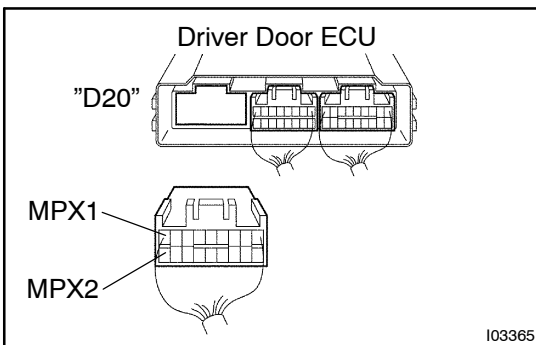
Code B1214/14 or B1215/15 is not output

OK

Repair or replace the wireharness between rear left (or right) door ECU and rear right door ECU.
(): RHD models

NG

10 Check for short circuit between rear left (or right) door ECU and driver door ECU. (): RHD models



PREPARATION:

- (): RHD models:
Connect the connector "R13" (or "R14") of rear left (or right) door ECU.
- Disconnect the connector "D20" of driver door ECU.

CHECK:

Check the DTC.

OK:

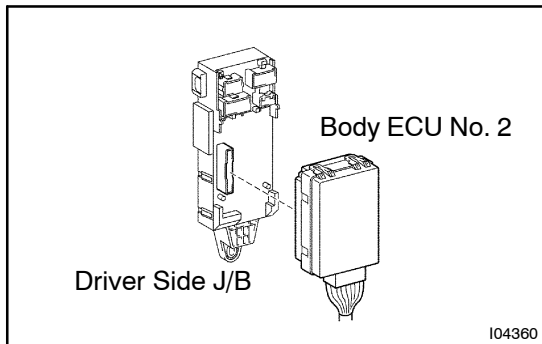
Code B1214/14 or B1215/15 is not output

OK

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

NG

11	Check for short circuit between driver door ECU and Body ECU No. 2.
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**PREPARATION:**

- (a) Connect the connector "R13" of rear left door ECU.
- (b) Disconnect the connector of Body ECU No. 2.

HINT:

Connector is disconnected by removing Body ECU No. 2 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 ECU No. 2.

NG

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

- (a) Connect the connector "D20" of driver door ECU.
- (b) Install the Body ECU No. 2 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 ECU No. 1.

HINT:

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

CHECK:

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

OK:

NG

Repair or replace the wireharness between driver door ECU, sliding roof ECU and Body ECU No. 1.

OK

Replace the Body ECU No. 1.