

<b>DTC</b>	<b>B1214 / 14</b>	<b>Door system communication bus malfunction (+B short)</b>
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<b>DTC</b>	<b>B1215 / 15</b>	<b>Door system communication bus malfunction (GND short)</b>
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## CIRCUIT DESCRIPTION

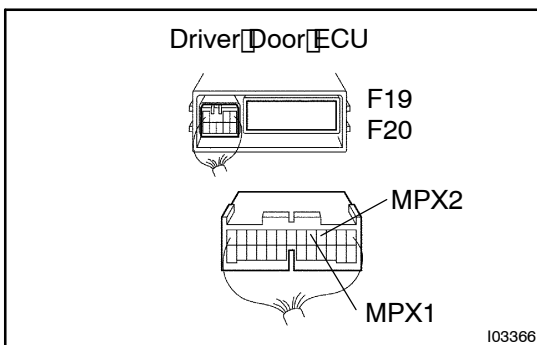
This DTC is output when +B or GND short occurs on door system communication bus. If +B or GND short is detected on door system communication bus, separate it by bus cut relay in body ECU to prevent while communication buses' failure.

## WIRING DIAGRAM

See page DI-720.

## INSPECTION PROCEDURE

<b>1</b>	<b>Check the communication circuit inside driver door ECU.</b>
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### **PREPARATION:**

Disconnect the connector "F19 (LHD), F20 (RHD)" of driver door ECU.

### **CHECK:**

Check the DTC.

### **OK:**

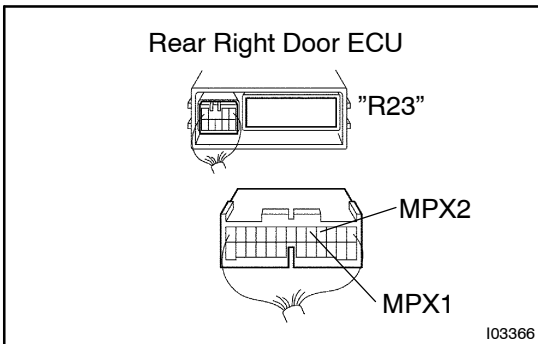
Code B1214/14 or B1215/15 is not output

**OK**

**Replace the driver door ECU.**

**NG**

## 2 Check the communication circuit inside rear right door ECU.



### **PREPARATION:**

- Connect the connector "F19 (LHD), F20 (RHD)" of driver door ECU.
- Disconnect the connector "R23" of rear right door ECU.

### **CHECK:**

Check the DTC.

### **OK:**

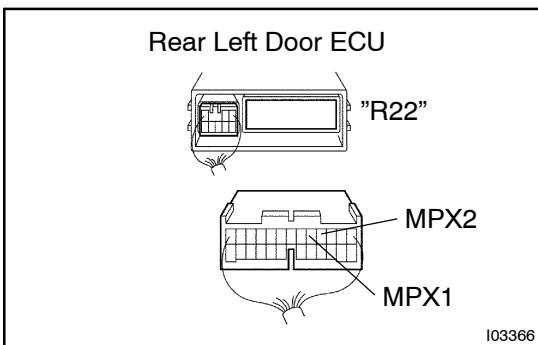
Code B1214/14 or B1215/15 is not output

OK

Replace the rear right door ECU.

NG

## 3 Check the communication circuit inside rear left door ECU.



### **PREPARATION:**

- Connect the connector "R23" of rear right ECU.
- Disconnect the connector "R22" of rear left door ECU.

### **CHECK:**

Check the DTC.

### **OK:**

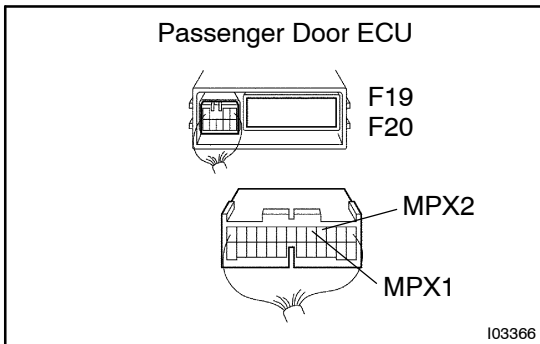
Code B1214/14 or B1215/15 is not output

OK

Replace the rear left door ECU.

NG

#### 4 Check the communication circuit inside passenger door ECU.



#### **PREPARATION:**

- Connect the connector "R22" of rear left door ECU.
- Disconnect the connector "F19 (RHD), F20 (LHD)" of passenger door ECU.

#### **CHECK:**

Check the DTC.

#### **OK:**

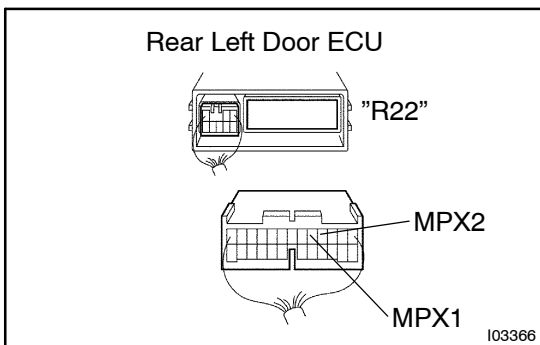
Code B1214/14 or B1215/15 is not output

OK

Replace the passenger door ECU.

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#### 5 Check for short circuit between passenger door ECU and rear left door ECU.



#### **PREPARATION:**

Disconnect the connector "R22" of rear left door ECU.

#### **CHECK:**

Check the DTC.

#### **OK:**

Code B1214/14 or B1215/15 is not output

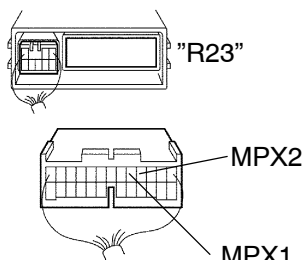
OK

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

NG

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

Rear Left Door ECU

**PREPARATION:**

- Connect the connector "R22" of rear left door ECU.
- Disconnect the connector "R23" of rear right door ECU.

**CHECK:**

Check the DTC.

**OK:**

Code B1214/14 or B1215/15 is not output

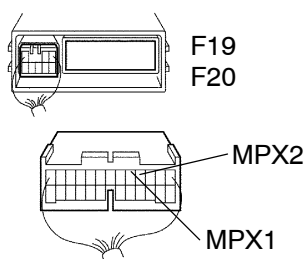
OK

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

NG

## 7 Check for short circuit between rear right door ECU and driver door ECU.

Driver Door ECU

**PREPARATION:**

- Connect the connector "R23" of rear right door ECU.
- Disconnect the connector "F19 (LHD), F20 (RHD)" 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 right door ECU and driver door ECU.

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<b>8</b>	<b>Check for short circuit between driver door ECU and body ECU.</b>
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**PREPARATION:**

- (a) Connect the connector "F19 (LHD), F20 (RHD)" of driver door ECU.
- (b) Disconnect the connector of body ECU.

**CHECK:**

Check the DTC.

**OK:**

Code B1214/14 or B1215/15 is not output

<b>OK</b>	<b>Repair or replace the wireharness between driver door ECU and body ECU.</b>
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<b>NG</b>
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<b>Replace the body ECU.</b>
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