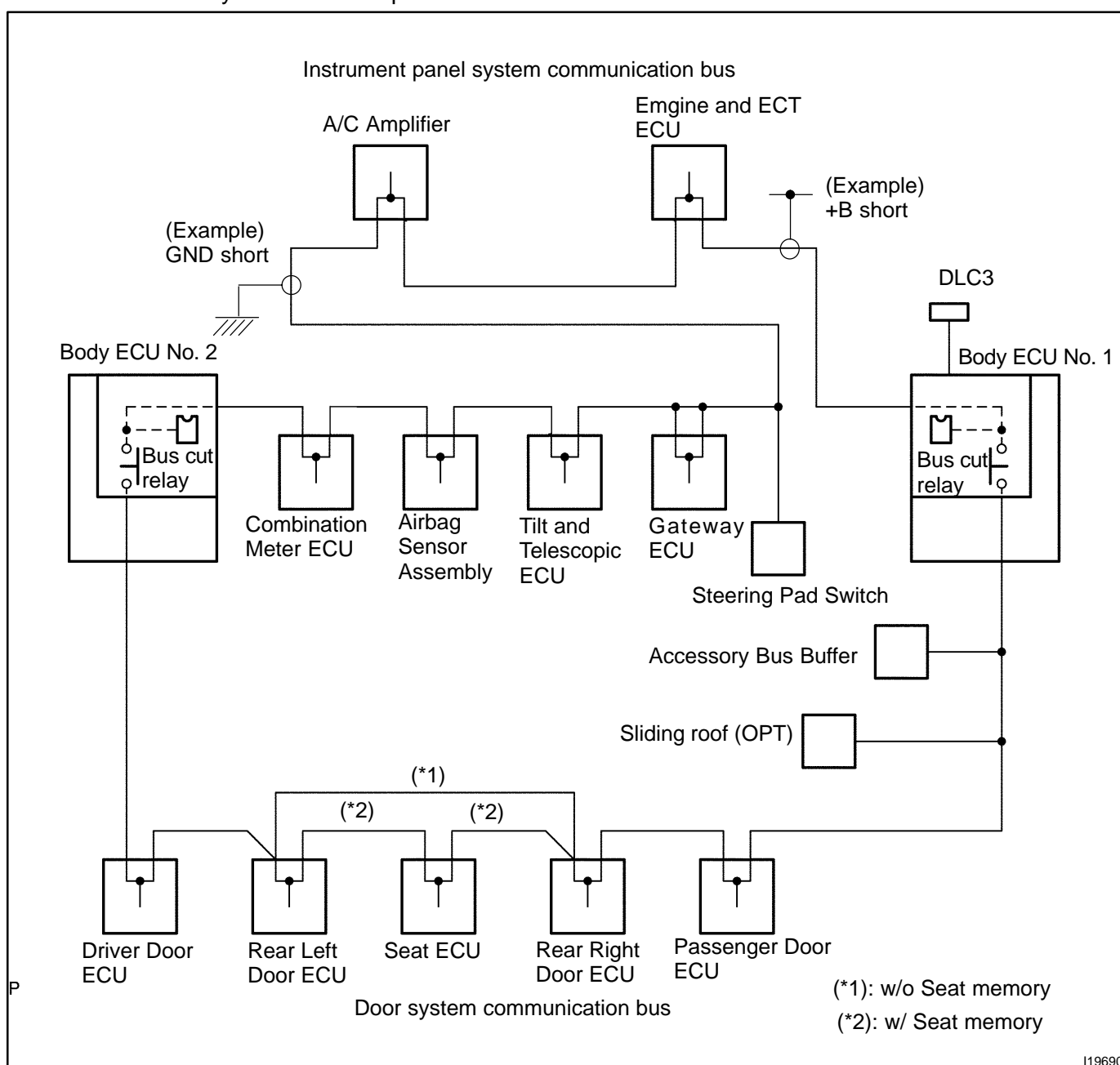


<b>DTC</b>	<b>B1266 / 66</b>	<b>Instrument panel system communication bus malfunction (+B short)</b>
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<b>DTC</b>	<b>B1267 / 67</b>	<b>Instrument panel system communication bus malfunction (GND short)</b>
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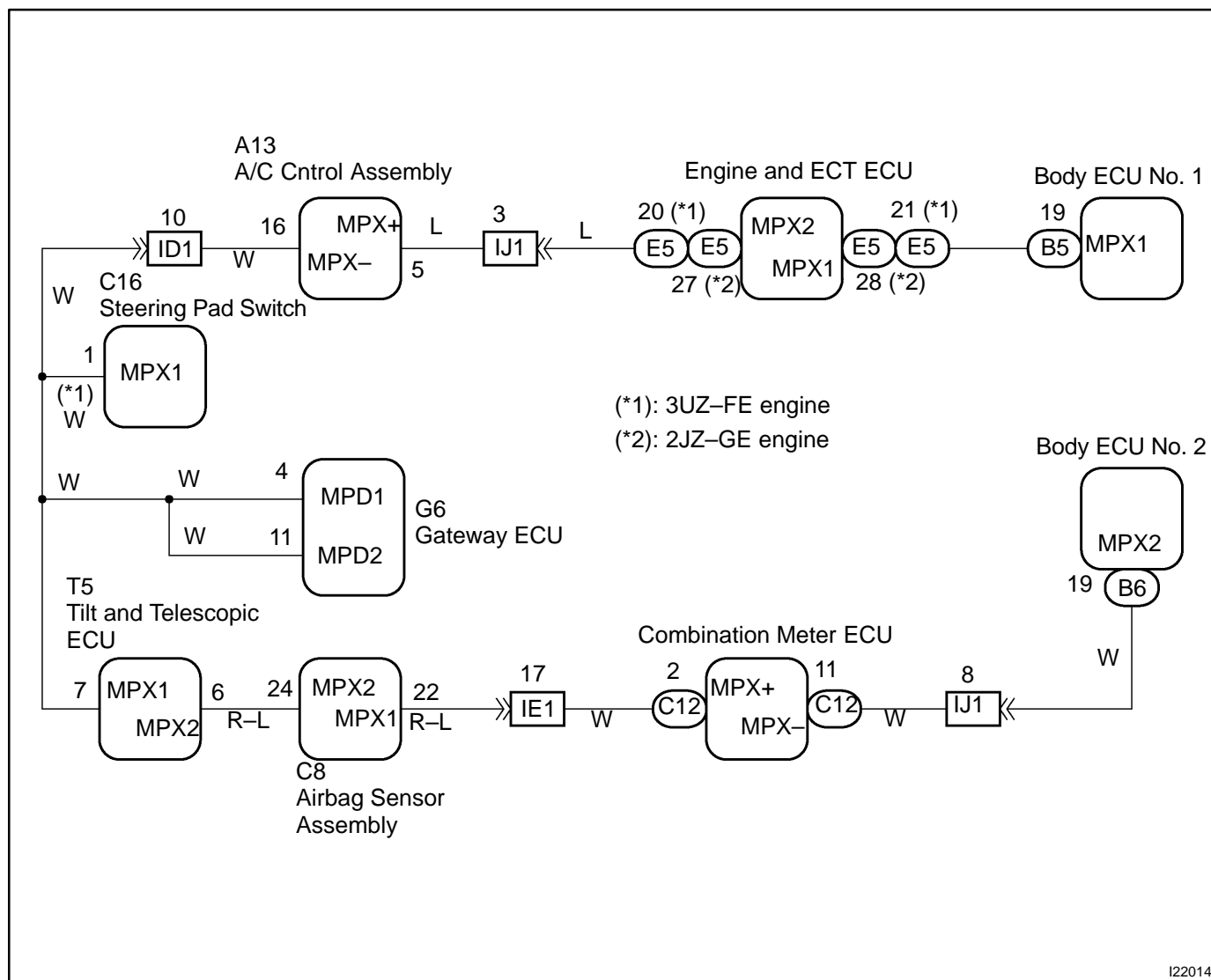
## CIRCUIT DESCRIPTION

This DTC is output when +B or GND short occurs on instrument panel system communication bus. If +B or GND short is detected on instrument panel 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



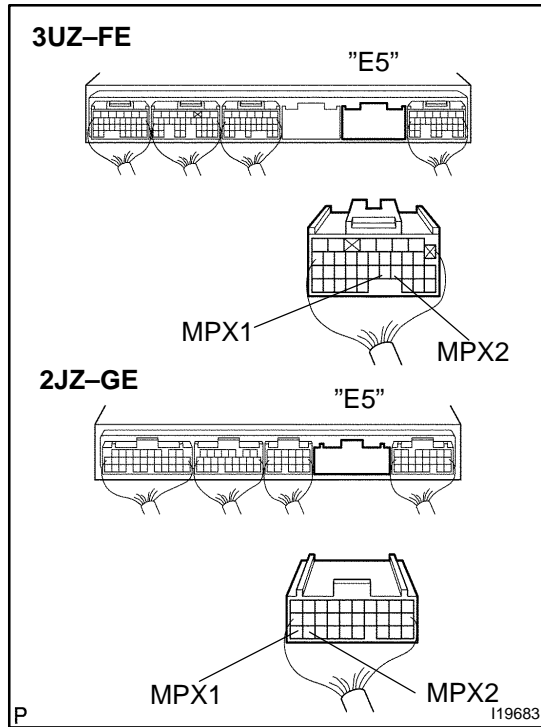
I22014

## INSPECTION PROCEDURE

HINT: 

On the system structure point of view, this DTC cannot display meter. In case of checking DTC, please use LEXUS hand held tester.

### 1 Check the communication circuit inside ECM.



#### **PREPARATION:**

Disconnect the connector "E5" of ECM.

#### **CHECK:**

Check the DTC.

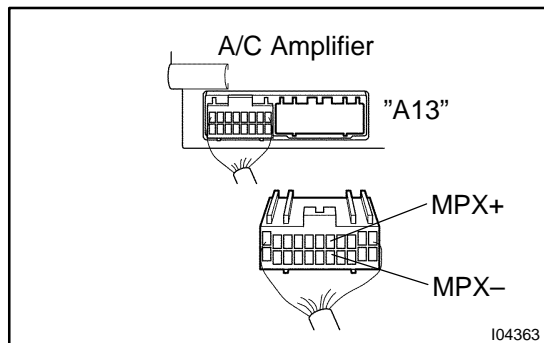
#### **OK:**

Code B1266 or B1267 is not output

OK

Replace the ECM.

NG

**2****Check the communication circuit inside A/C Amplifier.****PREPARATION:**

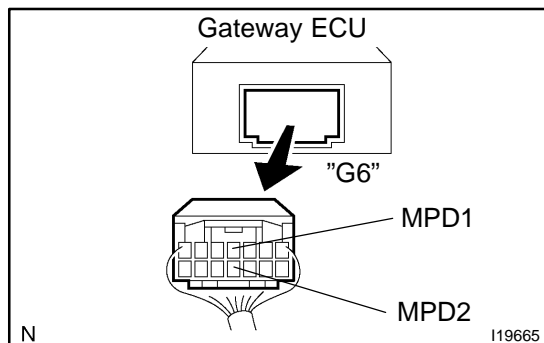
- (a) Connect the connector "E5" of ECM.
- (b) Disconnect the connector "A13" of A/C amplifier.

**CHECK:**

Check the DTC.

**OK:**

Code B1266 or B1267 is not output

**OK****Replace the A/C amplifier.****NG****3****Check the communication circuit inside gateway ECU.****PREPARATION:**

- (a) Connect the connector "A13" of A/C amplifier.
- (b) Disconnect the connector "G6" of gateway ECU.

**CHECK:**

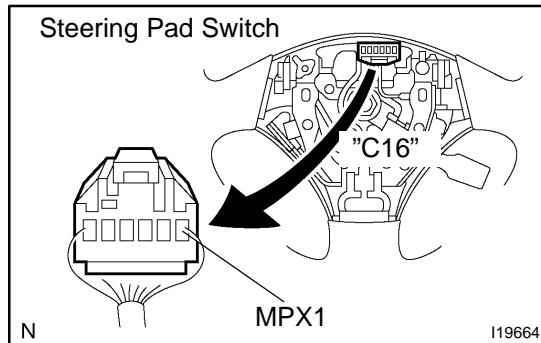
Check the DTC.

**OK:**

Code B1266 or B1267 is not output

**OK****Replace the gateway ECU.****NG**

#### 4 Check the communication circuit inside steering pad switch.



#### HINT:

Proceed to next step, when vehicle has no steering pad switch.

#### PREPARATION:

- Connect the connector "G6" of gateway ECU.
- Disconnect the connector of "C16" steering pad switch.

#### CHECK:

Check the DTC.

#### OK:

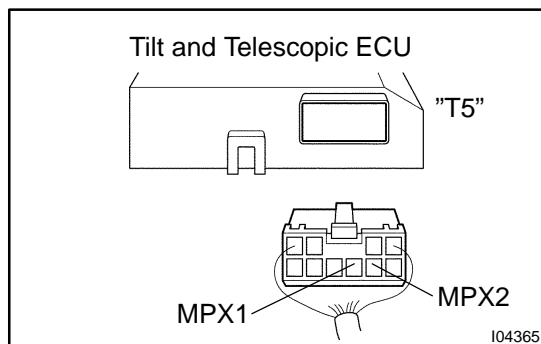
Code B1266 or B1267 is not output.

OK

Replace steering pad switch.

NG

#### 5 Check the communication circuit inside tilt and telescopic ECU.



#### PREPARATION:

- w/ Steering pad switch:  
Connect the connector "C16" of steering pad switch.
- w/o Steering pad switch:  
Connect the connector "G6" of gateway ECU.
- Disconnect the connector "T5" of tilt and telescopic ECU.

#### CHECK:

Check the DTC.

#### OK:

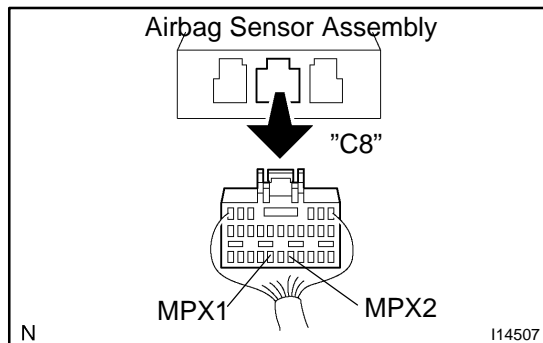
Code B1266 or B1267 is not output

OK

Replace the tilt and telescopic ECU.

NG

## 6 Check the communication circuit inside airbag sensor assembly.



### PREPARATION:

- Connect the connector "T5" of tilt and telescopic ECU.
- Disconnect the connector "C8" of airbag of sensor assembly.

### CHECK:

Check the DTC.

### OK:

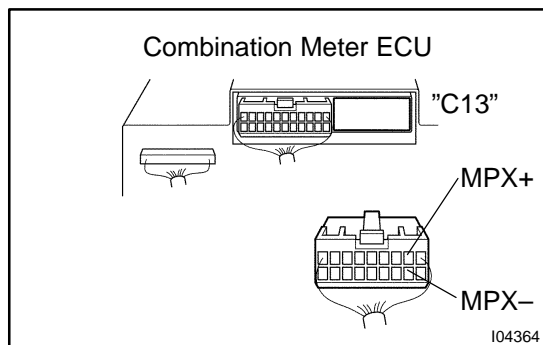
Code B1266 or B1267 is not output.

OK

Replace airbag sensor assembly.

NG

## 7 Check the communication circuit inside combination meter ECU.



### PREPARATION:

- Connect the connector "C8" airbag sensor assembly.
- Disconnect the connector "C12" of combination meter ECU.

### CHECK:

Check the DTC.

### OK:

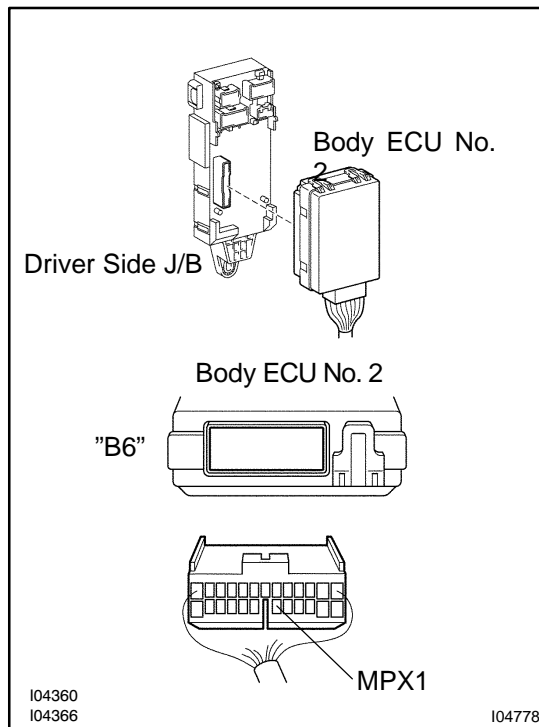
Code B1266 or B1267 is not output

OK

Replace the combination meter ECU.

NG

## 8 Check the communication circuit inside Body ECU No.2.



### PREPARATION:

- Connect the connector "C12" of combination meter ECU.
- Disconnect the connector "B6" of Body ECU No.2.
- Remove the Body ECU No.2 from Driver side J/B.

### CHECK:

Check the DTC.

### OK:

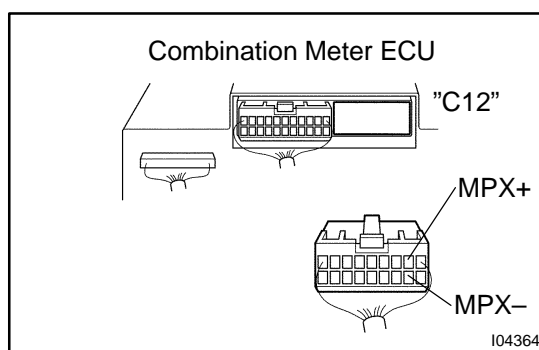
Code B1266 or B1267 is not output.

OK

Replace the Body ECU No.2.

NG

## 9 Check for short circuit between combination meter ECU and Body ECU No. 2



### PREPARATION:

Disconnect the connector "C12" of combination meter ECU.

### CHECK:

Check the DTC.

### OK:

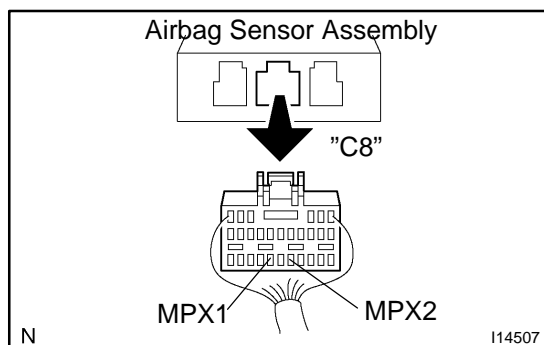
Code B1266 or B1267 is not output.

OK

Repair or replace the wireharness between combination meter ECU and Body ECU No.2.

NG

# 10 Check short circuit between combination meter ECU and airbag sensor assembly.



## PREPARATION:

- Install the Body ECU No. 2 to driver side J/B.
- Connect the connector "B6" of Body ECU No. 2.
- Disconnect the connector "C8" of airbag sensor assembly.

## CHECK:

Check DTC.

## OK:

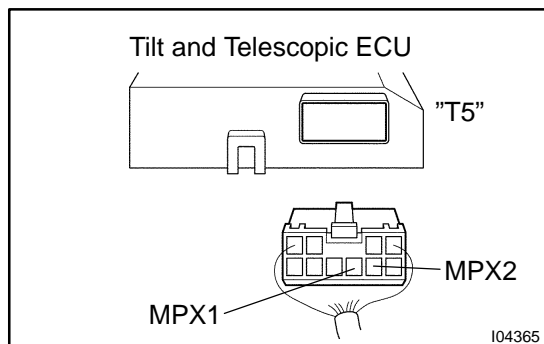
Code B1266 or B1267 is not output.

OK

Repair or replace the wireharness between combination meter ECU and airbag sensor assembly.

NG

# 11 Check for short circuit between airbag sensor assembly and tilt and telescopic ECU.



## PREPARATION:

- Install the Body ECU No. 2 to driver side J/B.
- Connect the connector "B6" of Body ECU No. 2.
- Disconnect the connector "T5" of tilt and telescopic ECU.

## CHECK:

Check the DTC.

## OK:

Code B1266 or B1267 is not output

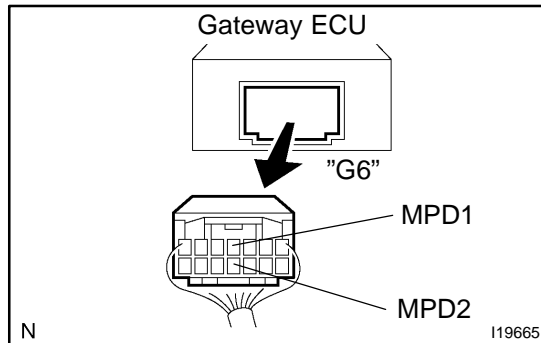
OK

Repair or replace the wireharness between airbag sensor assembly and tilt and telescopic ECU.

NG



## 12 Check for short circuit between tilt and telescopic ECU and gateway ECU.



### **PREPARATION:**

Connect the connector "C8" of airbag sensor assembly.  
Disconnect the connector "G6" of gateway ECU.

### **CHECK:**

Check the DTC.

### **OK:**

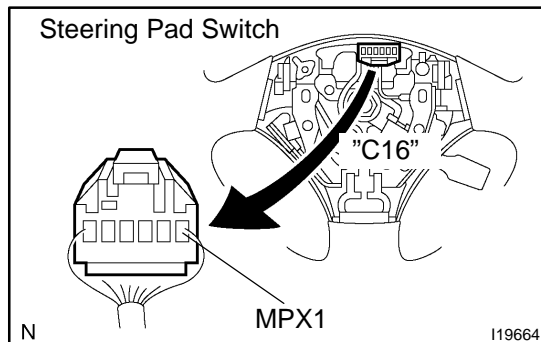
Code B1266 or B1267 is not output

**OK**

Repair or replace the wireharness between tilt and telescopic ECU and gateway ECU.

**NG**

## 13 Check for short circuit between tilt and telescopic ECU and steering pad switch.



### **PREPARATION:**

- (a) Connect the connector "G6" of gateway ECU.
- (b) Disconnect the connector "C16" of steering pad switch.

### **CHECK:**

Check the DTC.

### **OK:**

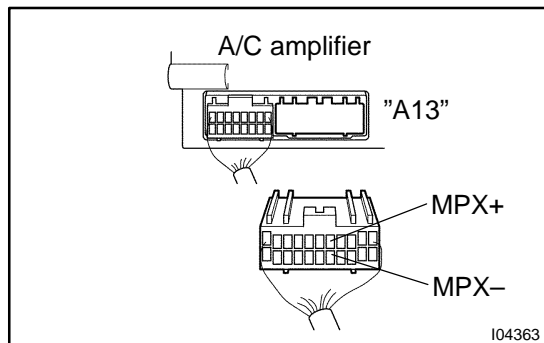
Code B1266 or B1267 is not output.

**OK**

Repair or replace the wireharness between steering pad switch and tilt and telescopic ECU.

**NG**

# 14 Check for short circuit between tilt and telescopic ECU and A/C amplifier.



## PREPARATION:

- (a) Connect the connector "C16" of steering pad switch.
- (b) Disconnect the connector "A13" of A/C amplifier.

## CHECK:

Check the DTC.

## OK:

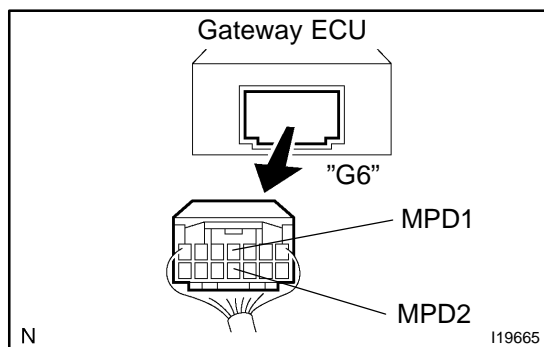
Code B1266 or B1267 is not output.

**OK**

**Repair or replace the wireharness between tilt and telescopic ECU and A/C amplifier.**

**NG**

# 15 Check for short circuit between gateway ECU and A/C amplifier.



## PREPARATION:

- (a) Connect the connector "T5" of tilt and telescopic ECU.
- (b) Disconnect the connector "G6" of gateway ECU.

## CHECK:

Check the DTC.

## OK:

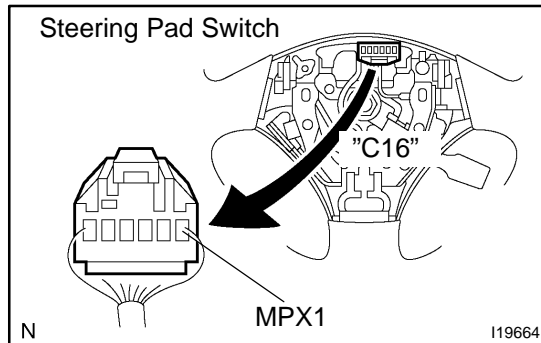
Code B1266 or B1267 is not output.

**OK**

**Repair or replace the wireharness between gateway ECU and A/C amplifier.**

**NG**

# 16 Check for short circuit between gateway ECU and steering pad switch.



## PREPARATION:

- (a) Connect the connector "A13" of A/C amplifier.
- (b) Disconnect the connector "C16" of steering pad switch.

## CHECK:

Check the DTC.

## OK:

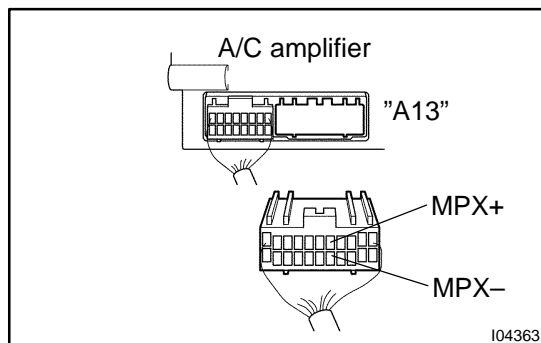
Code B1266 or B1267 is not output.

OK

Repair or replace the wireharness between gateway ECU and steering pad switch.

NG

# 17 Check short circuit between steering pad switch and A/C amplifier.



## PREPARATION:

- (a) Connect the connector "G3" of gateway ECU.
- (b) Disconnect the connector "A13" of A/C amplifier.

## CHECK:

Check the DTC.

## OK:

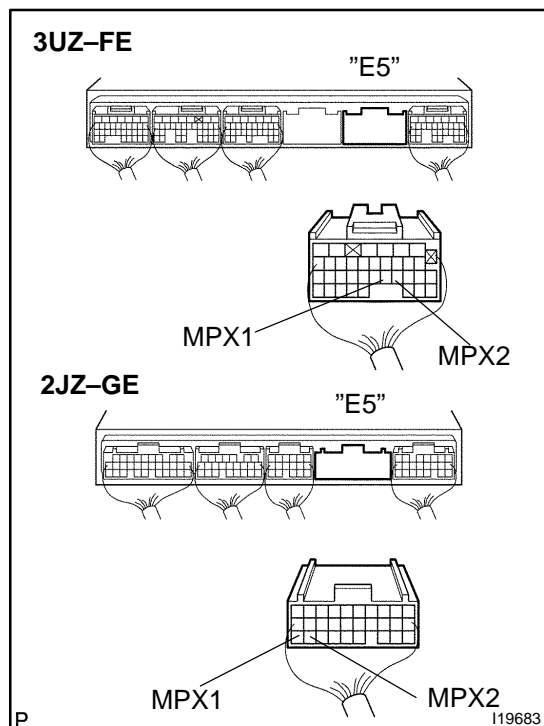
Code B1266 or B1267 is not output.

OK

Repair or replace the wireharness between steering pad switch and A/C amplifier.

NG

# 18 Check for short circuit between A/C ECU and ECM.



## PREPARATION:

Connect the connector "C16" of steering pad switch.  
Disconnect the connector "E5" of ECM.

## CHECK:

Check the DTC.

## OK:

Code B1266 or B1267 is not output

OK

Repair or replace the wireharness between A/C amplifier and ECM.

NG

# 19 Check for short circuit between ECM and Body ECU No. 1.

## PREPARATION:

Connect the connector "A13" of A/C ECU.  
Disconnect the connector "B5" of Body ECU No. 1.

## CHECK:

Check wireharness between ECM and Body ECU No. 1.

NG

Repair or replace the wireharness between ECM and Body ECU No. 1.

OK

Replace the Body No.1 ECU.