

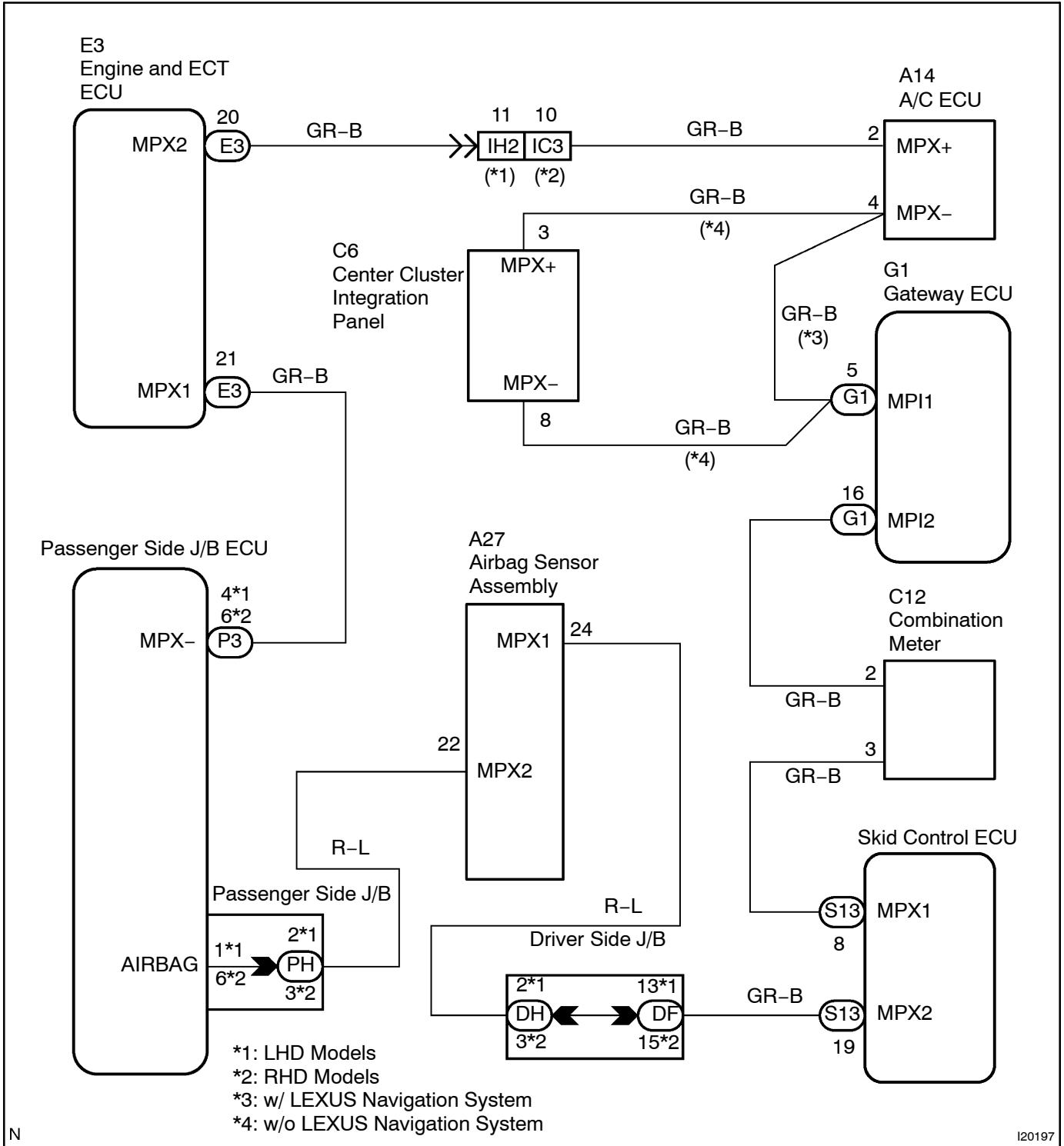
<b>DTC</b>	<b>B1266</b>	<b>Instrument panel system communication bus malfunction (+B short)</b>
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<b>DTC</b>	<b>B1267</b>	<b>Instrument panel system communication bus malfunction (GND short)</b>
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###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

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

WIRING DIAGRAM



N

I20197

## INSPECTION PROCEDURE

## 1 Check communication circuit inside ECU.

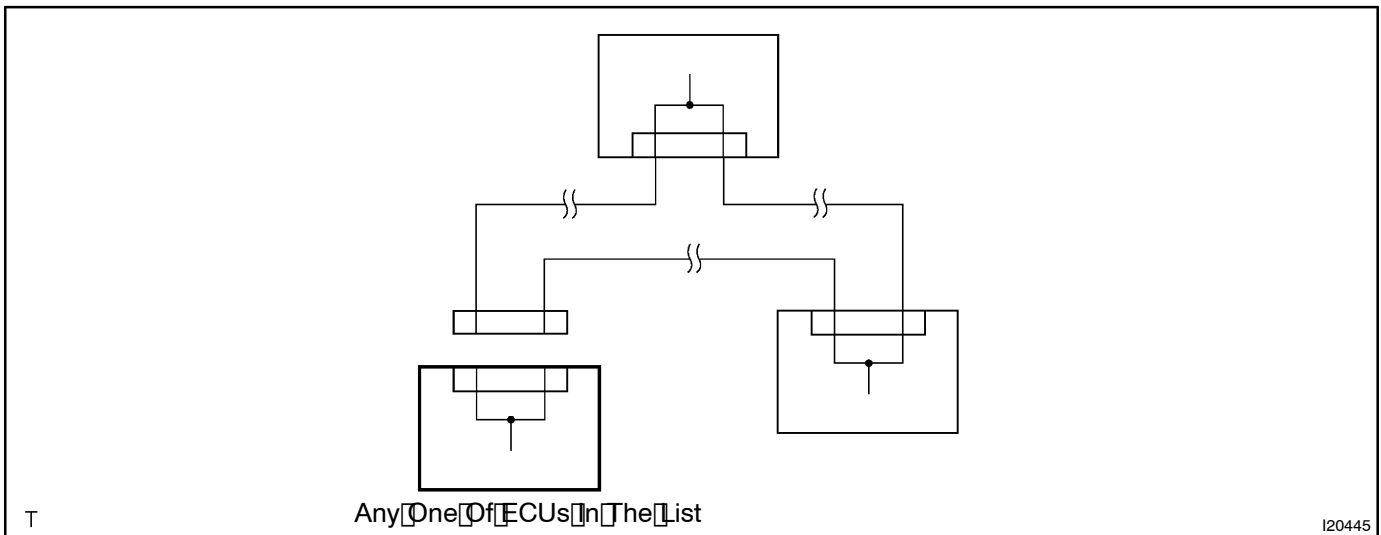
**PREPARATION:**

Disconnect the following ECU connectors in order from the top downward.

**HINT:**

Before disconnecting the next connector, be sure that disconnected ECU connector is reconnected.

Disconnect ECU connector	Connector No.
Engine and ECT ECU	E3
A/C ECU	A14
Center Cluster Integration Panel	C6
Combination Meter	C12
Skid Control ECU	S13
Airbag Sensor Assembly	A27
Passenger Side J/B ECU	R3, PH

**CHECK:**

Check the DTC every time each connector is disconnected.

**OK:**

DTC B1266 or B1267 is not output.

OK

Replace the corresponding ECU  
(ECU for which DTC is deleted is defective.)  
(See page N-35)

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## 2 Check for short circuit between ECUs.

### PREPARATION:

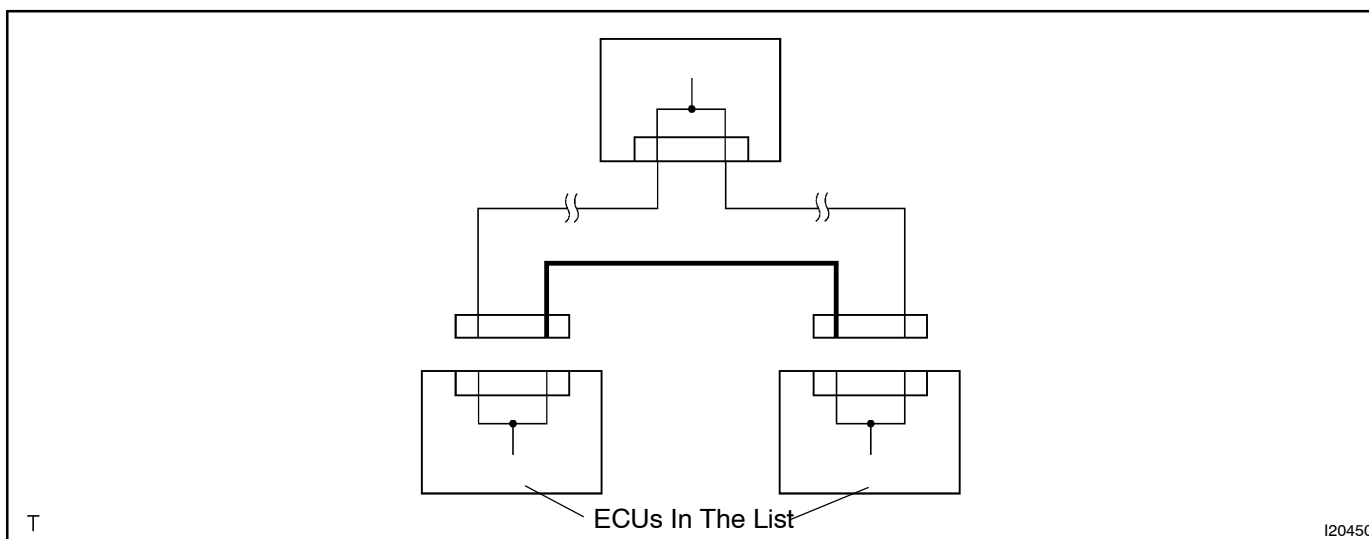
Disconnect the following pairs of ECU connectors simultaneously, from the top downward.

#### HINT:

- Before disconnecting the next connector, be sure that disconnected ECU connectors are reconnected.
- The short circuit check can be preformed on the circuit by disconnecting it from the MPX communication bus circuit.

If DTC is deleted, this means that the circuit being checked is short-circuited and it must be repaired.

Disconnect ECU connector	Connector No.
Engine and ECT ECU A/C ECU	E3 A14
Engine and ECT ECU Passenger side J/B ECU	E3 P3
Passenger side J/B ECU Airbag sensor assembly	P3 PH
Airbag sensor assembly Skid control ECU	A27 S13
Skid control ECU Combination meter	S13 C12



### CHECK:

Check the DTC every time a pair of connectors are disconnected.

### OK:

DTC is B1266 or B1267 is not output.

OK

Repair or replace corresponding wire harness.

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**3 Check for short circuit.****PREPARATION:**

Disconnect the following connectors of ECU.

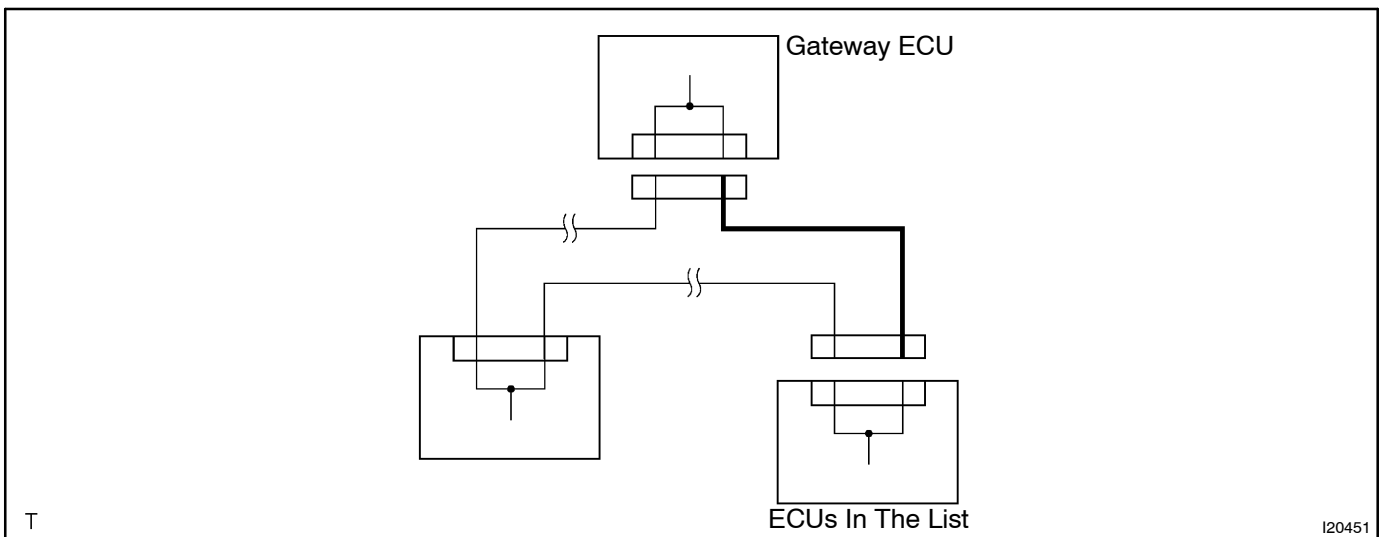
**HINT:**

Before disconnecting the next connector, be sure reconnect the ECU connector that is already disconnected.

Disconnect ECU connector	Connector No.
Gateway ECU Combination meter	G1 C12
Gateway ECU A/C ECU (w/o LEXUS navigation system) Center cluster Integration panel (w/ LEXUS navigation system)	G1 A14 C6

**CHECK:**

Check whether or not there is +B short and GND short between the above connectors.

**OK:**

No +B short and GND short.

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**Repair or replace corresponding wire harness.**

**OK**

**Repair the gateway ECU.**