

## INSPECTION

### 1. Nakamichi made:

#### INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT

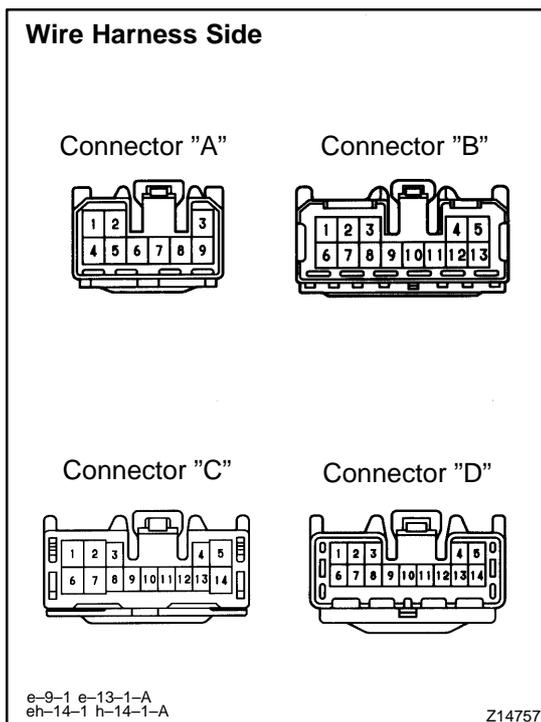
Disconnect the connectors from the radio receiver assembly. And inspect the connector on the wire harness side, as shown.

Tester connection	Condition	Specified condition
B14 - Ground	Constant	Continuity
B6 - Ground	Ignition switch position ACC or ON	Battery positive voltage
B6 - Ground	Ignition switch position LOCK	No voltage
B1 - Ground	Constant	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.

#### HINT:

Check the wire harness between radio receiver assembly and the CD auto changer, between radio receiver assembly and power amplifier.



### 2. Nakamichi made:

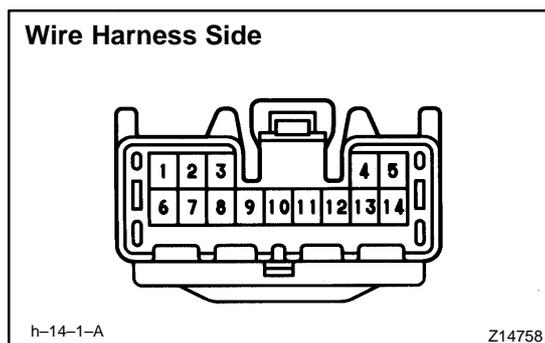
#### INSPECT POWER AMPLIFIER CIRCUIT

Disconnect the connector from the power amplifier and inspect the connector on the wire harness side, as shown.

## BODY ELECTRICAL - AUDIO SYSTEM

Tester connection	Condition	Specified condition
A4 - Ground	Constant	Continuity
A5 - Ground	Constant	Battery positive voltage
A6 - Ground	Ignition switch position ACC or ON	Battery positive voltage
D6 - Ground	Ignition switch position ACC or ON Radio, Tape or CD switch ON	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.



### 3. Nakamichi made: INSPECT CD AUTO CHANGER CIRCUIT

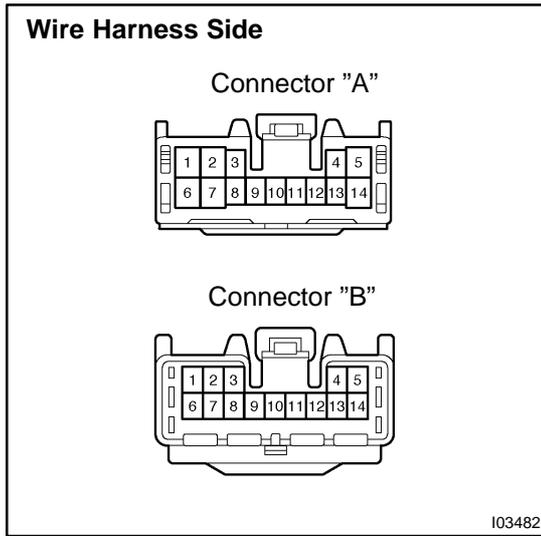
Disconnect the connectors from the controller and inspect the connector on the wire harness side, as shown.

Tester connection to terminal number	Condition	Specified condition
5 - Ground	Constant	Battery positive voltage
4 - Ground	Ignition switch LOCK	No voltage
4 - Ground	Ignition switch ACC or ON	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.

#### HINT:

Since the signals to and from the AP+, AP-, SGND, GND1 terminals are serial signals, they cannot ordinarily be measured with a tester.



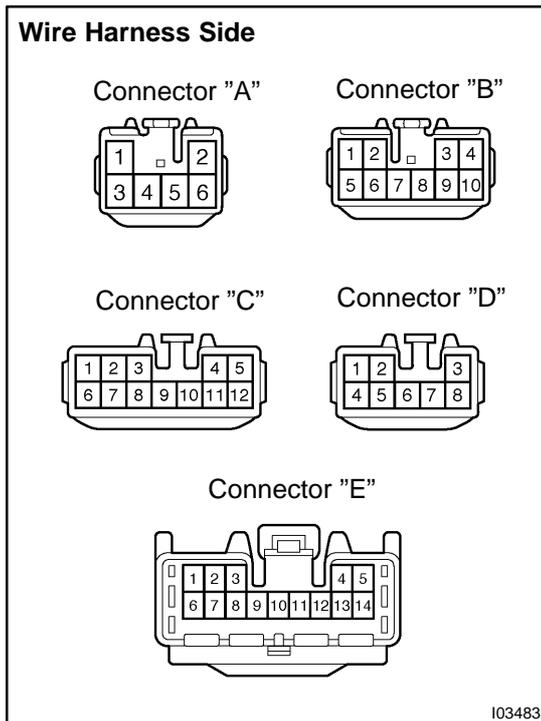
**4. Pioneer made:**  
**INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT**  
 Disconnect the connectors from the radio receiver assembly. And inspect the connector on the wire harness side, as shown.

Tester connection	Condition	Specified condition
B1 - Ground	Constant	Continuity
A6 - Ground	Ignition switch position ACC or ON	Battery positive voltage
A6 - Ground	Ignition switch position LOCK	No voltage
A1 - Ground	Constant	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.

**HINT:**

Check the wire harness between power amplifier and the CD auto changer, between radio receiver assembly and power amplifier.

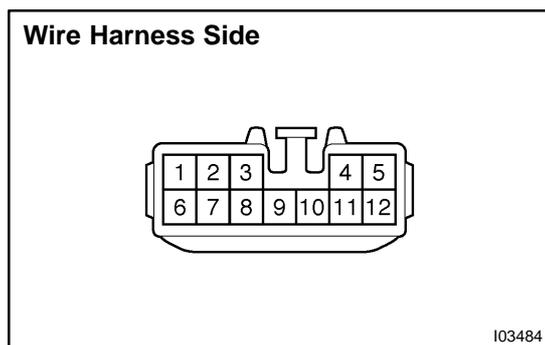


**5. Pioneer made and LEXUS navigation system:**  
**INSPECT POWER AMPLIFIER CIRCUIT**  
 Disconnect the connector from the power amplifier and inspect the connector on the wire harness side, as shown.

## BODY ELECTRICAL - AUDIO SYSTEM

Tester connection	Condition	Specified condition
B7 - Ground	Constant	Continuity
B4 - Ground	Constant	Battery positive voltage
C12 - Ground	Ignition switch position ACC or ON	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.



#### 6. Pioneer made and LEXUS navigation system: INSPECT CD AUTO CHANGER CIRCUIT

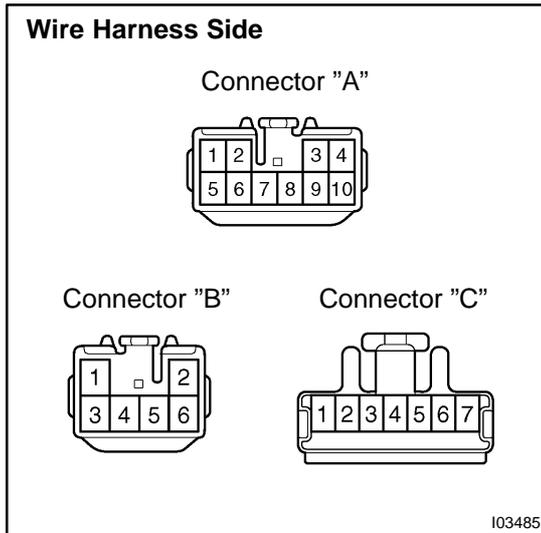
Disconnect the connectors from the controller and inspect the connector on the wire harness side, as shown.

Tester connection to terminal number	Condition	Specified condition
5 - Ground	Constant	Battery positive voltage
12 - Ground	Ignition switch LOCK	No voltage
12 - Ground	Ignition switch ACC or ON	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.

#### HINT:

Since the signals to and from the AP+, AP-, SGND, GND1 terminals are serial signals, they cannot ordinarily be measured with a tester.



**7. LEXUS navigation system:  
INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT**  
Disconnect the connectors from the radio receiver assembly. And inspect the connector on the wire harness side, as shown.

Tester connection	Condition	Specified condition
B2 – Ground	Constant	Continuity
B1 – Ground	Ignition switch position ACC or ON	Battery positive voltage
B1 – Ground	Ignition switch position LOCK	No voltage
B4 – Ground	Constant	Battery positive voltage

If circuit is not as specified, inspect the circuits connected to other parts.

**HINT:**

Check the wire harness between power amplifier and the CD auto changer, between radio receiver assembly and power amplifier.

**8. INSPECT GLASS PRINTED ANTENNA**

(Use same procedure as for "INSPECT DEFOGGER WIRES" on page [BE-116](#))

**9. REPAIR GLASS PRINTED ANTENNA**

(Use same procedure as for "REPAIR DEFOGGER WIRES" on page [BE-116](#))