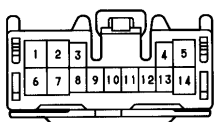


**Wire Harness Side**

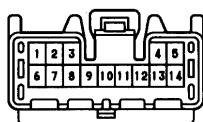
Connector "A"



Connector "B"



Connector "C"



Z14756

**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

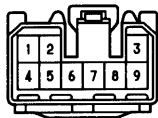
If circuit is not as specified, inspect the circuits connected to other parts.

**HINT:**

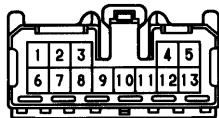
Check the wire harness between radio receiver assembly and the CD auto changer, between radio receiver assembly and power amplifier.

**Wire Harness Side**

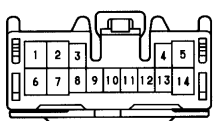
Connector "A"



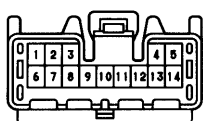
Connector "B"



Connector "C"



Connector "D"



e-9-1 e-13-1-A  
eh-14-1 h-14-1-A

Z14757

**2. Nakamichi made:****INSPECT POWER AMPLIFIER CIRCUIT**

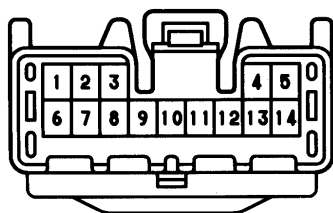
Disconnect the connector from the power amplifier and inspect the connector on the wire harness side, as shown.

## 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.

## Wire Harness Side



h-14-1-A

Z14758

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

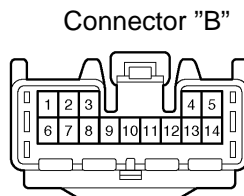
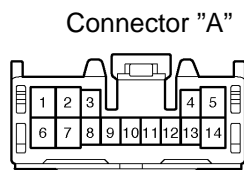
Disconnect the connectors from the controller and inspect the connector on the wire harness side, as shown.

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.

**Wire Harness Side**

I03482

**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

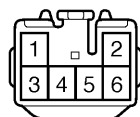
If circuit is not as specified, inspect the circuits connected to other parts.

**HINT:**

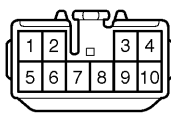
Check the wire harness between power amplifier and the CD auto changer, between radio receiver assembly and power amplifier.

**Wire Harness Side**

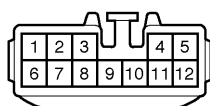
Connector "A"



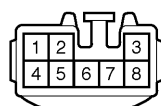
Connector "B"



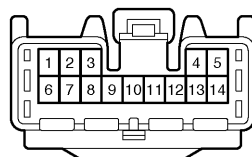
Connector "C"



Connector "D"



Connector "E"



I03483

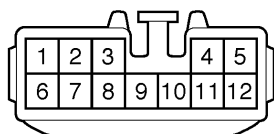
**5. Pioneer made and LEXUS navigation system:****INSPECT POWER AMPLIFIER CIRCUIT**

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.

**Wire Harness Side**

I03484

## 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

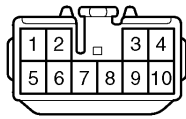
If circuit is not as specified, inspect the circuits connected to other parts.

**HINT:**

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

**Wire Harness Side**

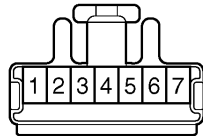
Connector "A"



Connector "B"



Connector "C"



I03485

**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](#))