

Wire Harness Side

I04310

INSPECTION
**1. Except NAKAMICHI made:
INSPECT CD AUTO CHANGER CIRCUIT**

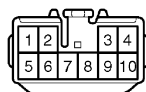
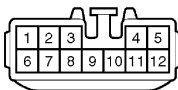
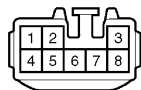
Disconnect connectors from CD auto changer and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
8 - Ground	Constant	Continuity
5 - Ground	Constant	Battery voltage
10 - Ground	Ignition switch LOCK	No voltage
10 - Ground	Ignition switch ACC or ON	Battery voltage

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

HINT:

- Check the wire harness between the radio receiver assembly and the CD auto changer.
- Since the signals to and from the MUTE, R⁻, R⁺, L⁻, L⁺, TX⁻ and TX⁺ terminals are serial signals, they cannot ordinarily be measured with a tester.

Wire Harness Side**Connector "A"****Connector "B"****Connector "C"****Connector "D"**

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**2. Except NAKAMICHI made:
INSPECT POWER AMPLIFIER CIRCUIT**

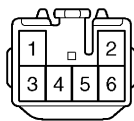
Disconnect the connector from power amplifier and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
B7 - Ground	Constant	Continuity
C12 - Ground	Ignition switch LOCK and radio switch ON	No voltage
C12 - Ground	Ignition switch ACC or ON and radio switch ON	Battery voltage
B4 - Ground	Constant	Battery voltage

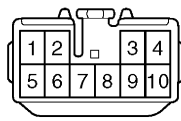
If the circuit is not as specified, inspect the circuits connected to other parts.

Wire Harness Side

Connector "A"



Connector "B"



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3. Except NAKAMICHI made:**INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT**

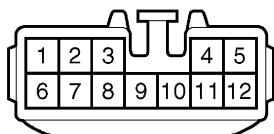
Disconnect the connectors from the radio receiver assembly, and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
A2 – Ground	Constant	Continuity
A4 – Ground	Constant	Battery voltage
A1 – Ground	Ignition switch LOCK	No voltage
A1 – Ground	Ignition switch ACC or ON	Battery voltage

If the 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.

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4. NAKAMICHI made: INSPECT CD AUTO CHANGER CIRCUIT

Disconnect connectors from CD auto changer and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
14 - Ground	Constant	Continuity
4 - Ground	Ignition switch LOCK	No voltage
4 - Ground	Ignition switch ACC or ON	Battery voltage
5 - Ground	Constant	Battery voltage

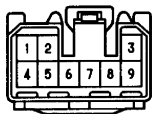
If the circuit is not as specified, inspect the circuits connected to other parts.

HINT:

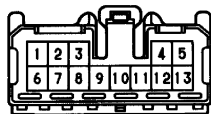
- Check the wire harness between the radio receiver assembly and the CD auto changer.
- Since the signals to and from the MUTE, R⁻, R⁺, L⁻, L⁺, TX⁻ and TX⁺ terminals are serial signals, they cannot ordinarily be measured with a tester.

Wire Harness Side

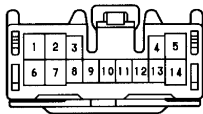
Connector "A"



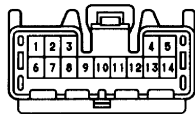
Connector "B"



Connector "C"



Connector "D"



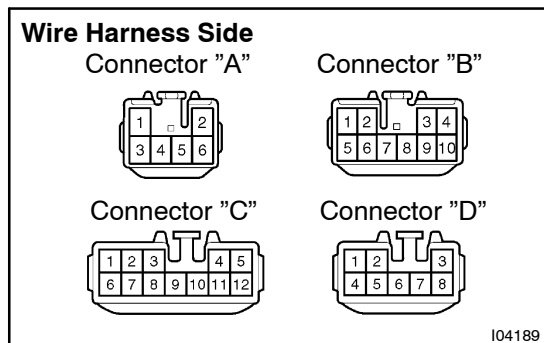
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5. NAKAMICHI made:**INSPECT POWER AMPLIFIER CIRCUIT**

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

Tester connection	Condition	Specified condition
A1 – Ground A4 – Ground D1 – Ground	Constant	Continuity
A6 – Ground	Ignition switch LOCK and radio switch ON	No voltage
A6 – Ground	Ignition switch ACC or ON and radio switch ON	Battery voltage
A2 – Ground	Constant	Battery voltage
A5 – Ground	Constant	Battery voltage

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

**6. NAKAMICHI made:****INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT**

Disconnect the connectors from the radio receiver assembly, and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
D3 – Ground	Constant	Continuity
D4 – Ground	Constant	Battery voltage
D1 – Ground	Ignition switch LOCK	No voltage
D1 – Ground	Ignition switch ACC or ON	Battery voltage

*: w/ LEXUS navigation system

If the 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.

7. INSPECT GLASS IMPRINTED ANTENNA

(Use same procedure as for "INSPECT DEFOGGER WIRES" on page .)

8. REPAIR GLASS IMPRINTED ANTENNA

(Use same procedure as for "REPAIR DEFOGGER WIRES" on page .)