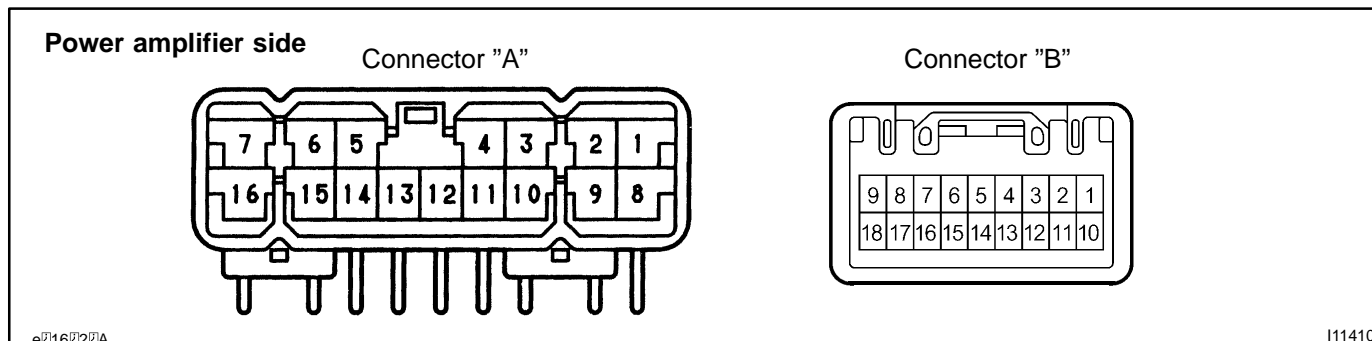


INSPECTION

1. INSPECT POWER AMPLIFIER CIRCUIT

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



Tester connection	Condition	Specified condition
A1 - Ground (FL+)	Audio sounding	5 - 7 V
A2 - Ground (FR+)	Audio sounding	5 - 7 V
A3 - Ground (RL+)	Audio sounding	5 - 7 V
A4 - Ground (WL+)	Audio sounding	5 - 7 V
A5 - Ground (RR+)	Audio sounding	5 - 7 V
A6 - Ground (WR+)	Audio sounding	5 - 7 V
A7 - Ground (BU+)	Audio sounding	Battery voltage
A8 - Ground (FL-)	Audio sounding	5 - 7 V
A9 - Ground (FR-)	Audio sounding	5 - 7 V
A10 - Ground (RL-)	Audio sounding	5 - 7 V
A11 - Ground (WL-)	Audio sounding	5 - 7 V
A12 - Ground (GND)	Constant	Continuity
A14 - Ground (RR-)	Audio sounding	5 - 7 V
A15 - Ground (WR-)	Audio sounding	5 - 7 V
A16 - Ground (ACC)	Ignition switch ACC	Battery voltage
B1 - Ground (TX+)	Constant	Battery voltage
B2 - Ground (CTX+)	Radio power switch ON	Battery voltage

B5 - Ground (N-MUTE)	Audio sounding	Battery voltage
B6 - Ground (T-MUTE)	Audio sounding	Battery voltage
B7 - Ground (MUTE)	Audio sounding	1 V or below
B8 - Ground (L+)	Audio sounding	1 V or below
B9 - Ground (R+)	Audio sounding	1 V or below
B10 - Ground (TX-)	Constant	Continuity
B11 - Ground (CTX-)	Constant	Continuity
B14 - Ground (GND)	Constant	Continuity
B15 - Ground (GND)	Constant	Continuity
B17 - Ground (L-)	Audio sounding	1 V or below
B18 - Ground (R-)	Audio sounding	1 V or below

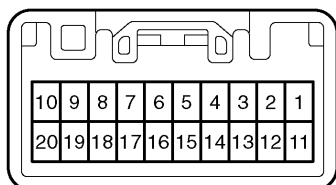
If the circuit is not as specified, inspect the circuits connected to other parts.

2. INSPECT RADIO RECEIVER ASSEMBLY CIRCUIT

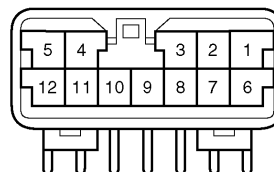
Connect the connectors from the radio receiver assembly, and inspect the connector on the wire harness side.

Radio Receiver Side

Connector "A"



Connector "B"



N

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Tester connection	Condition	Specified condition
A1 - Ground (B)	Constant	Battery Positive Voltage
A2 - Ground (ILL+)	Light switch ON	Battery Positive Voltage
A3 - Ground (AMP)	Ignition switch ACC	10 - 14 V
A7 - Ground (MUTE)	Ignition switch ACC and Audio OFF	1 V or below
A8 - Ground (CDR+)	Audio sounding	Approx. 0.7 V
A9 - Ground (CDL+)	Audio sounding	Approx. 0.7 V
A11 - Ground (ACC)	Ignition switch ACC	Battery Positive Voltage
A12 - Ground (ILL-)	Light switch ON	0 - 14 V (Variable)
A13 - Ground (ANT)	Radio power switch ON	Battery Positive Voltage
A16 - Ground (SGND)	Constant	Continuity
A18 - Ground (CDR-)	Audio sounding	Approx. 0.7 V
A19 - Ground (CDL-)	Audio sounding	Approx. 0.7 V
A20 - Ground (E)	Constant	Continuity
B9 - Ground (TX-)	System check mode	-
B10 - Ground (TX+)	System check mode	-

*: 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 power amplifier.

3. INSPECT GLASS IMPRINTED ANTENNA

Use same procedure as for "INSPECT DEFOGGER WIRES" on page [BE-102](#) .

4. REPAIR GLASS IMPRINTED ANTENNA

Use same procedure as for "REPAIR DEFOGGER WIRES" on page [BE-102](#) .