

AVC-LAN CIRCUIT (STEREO COMPONENT AMPLIFIER ASSY - STEREO COMPONENT TUNER)

CIRCUIT DESCRIPTION

Each unit of the radio receiver system connected to AVC-LAN (communication bus) communicates by transferring the signals from each switch.

When +B short and GND short occur in this AVC-LAN, radio receiver system will not function normally as communication is discontinued.

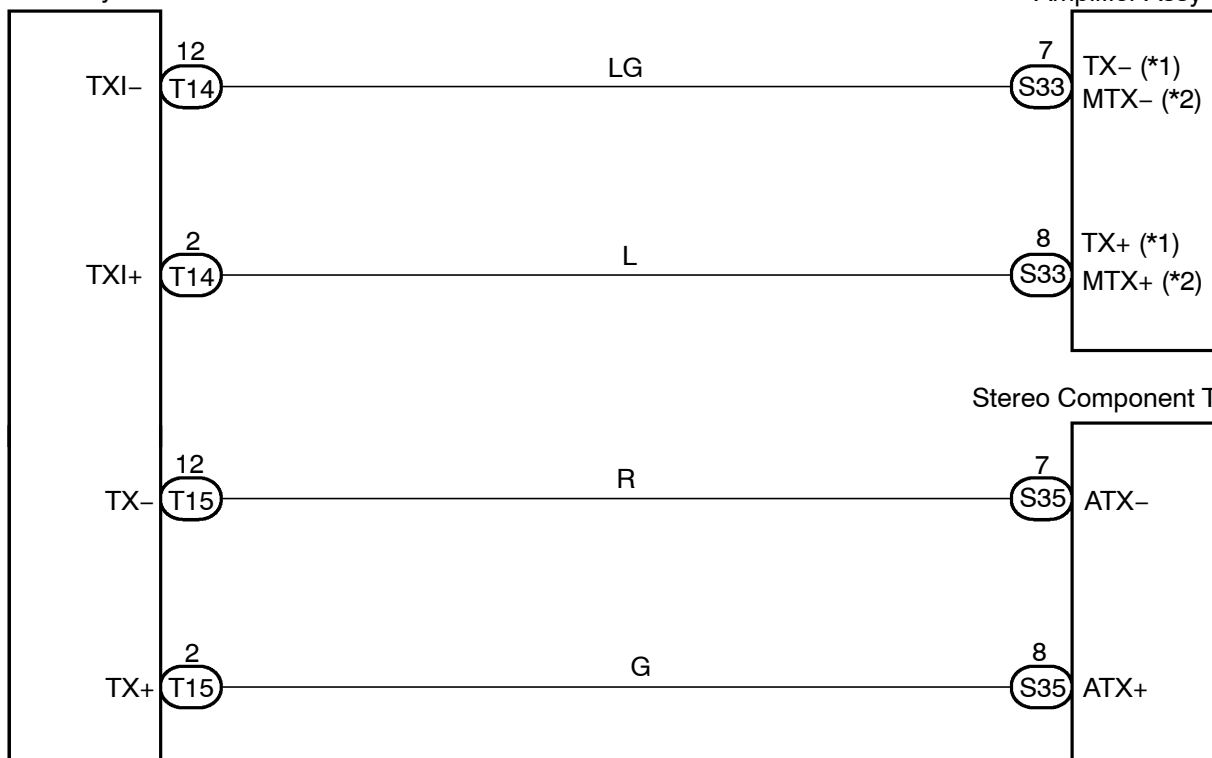
In AVC-LAN, radio receiver assy becomes the communication master, and the radio receiver assy has enough resistance necessary for transmitting the communication.

WIRING DIAGRAM

w/ Mayday System:

Telephone Transceiver and
Speaker Relay

Stereo Component
Amplifier Assy



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*1: Mark Levinson Models

*2: Standard Models

w/o Mayday System Tuner:

Stereo Component

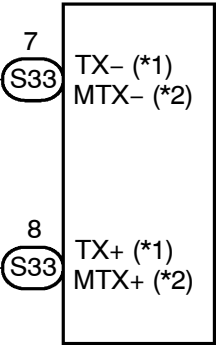


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LG

Stereo Component
Amplifier Assy



*1: Standard Models
*2: Mark Levinson Models

I40557

I40573

INSPECTION PROCEDURE

1 CONFIRM THE DESIGNATION INFORMATION

Spec	Go to step
w/ LEXUS Link system	A
w/o LEXUS Link system	B

B Go to step 3

A

2 CHECK TELEPHONE TRANSCEIVER AND SPEAKER RELAY

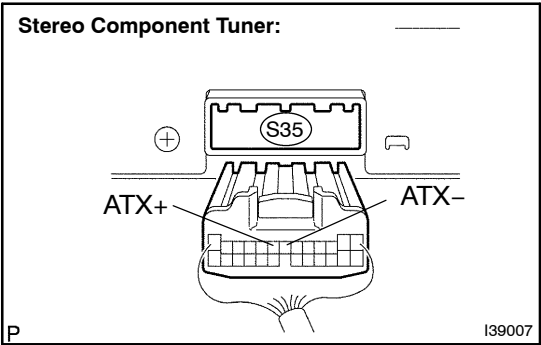
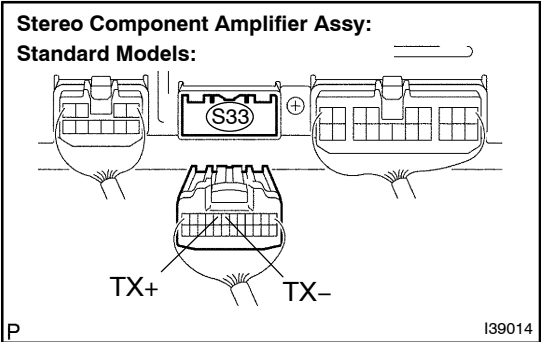
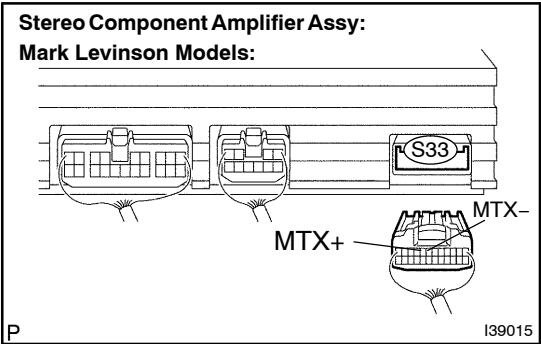
- (a) Disconnect the T14 and T15 connectors from the telephone transceiver and speaker relay and connect them.
- (b) Check if the system has returned to normal.
OK: The system has returned to normal.

OK GO TO LEXUS LINK SYSTEM

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3

CHECK HARNESS AND CONNECTOR(STEREO COMPONENT AMPLIFIER ASSY - STEREO COMPONENT TUNER)



- (a) Disconnect the connector from the stereo component amplifier assy S33 and stereo component tuner S35.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
TX+ ^{*1} , MTX+ ^{*2} – ATX+	Always	Below 1 Ω
TX- ^{*1} , MTX- ^{*2} – ATX-	Always	Below 1 Ω
MTX+ – Body ground	Always	10 kΩ or higher
MTX- – Body ground	Always	10 kΩ or higher

*1: Standard Models

*2: Mark Levinson Models

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN DIAGNOSTIC TROUBLE CODE CHART
(SEE PAGE 05-1673)