

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

CIRCUIT DESCRIPTION

Each unit of the navigation 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, navigation system will not function normally as communication is discontinued.

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

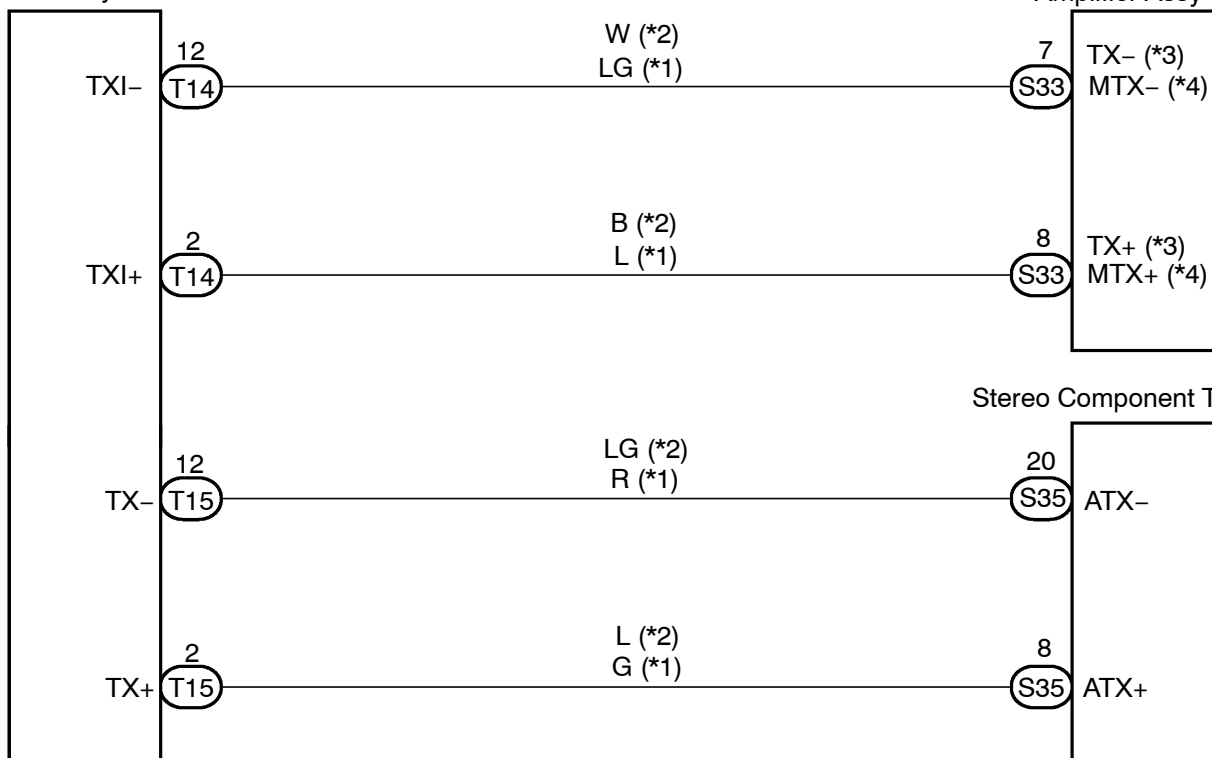
WIRING DIAGRAM

w/ LEXUS Link System:

Telephone Transceiver and
Speaker Relay

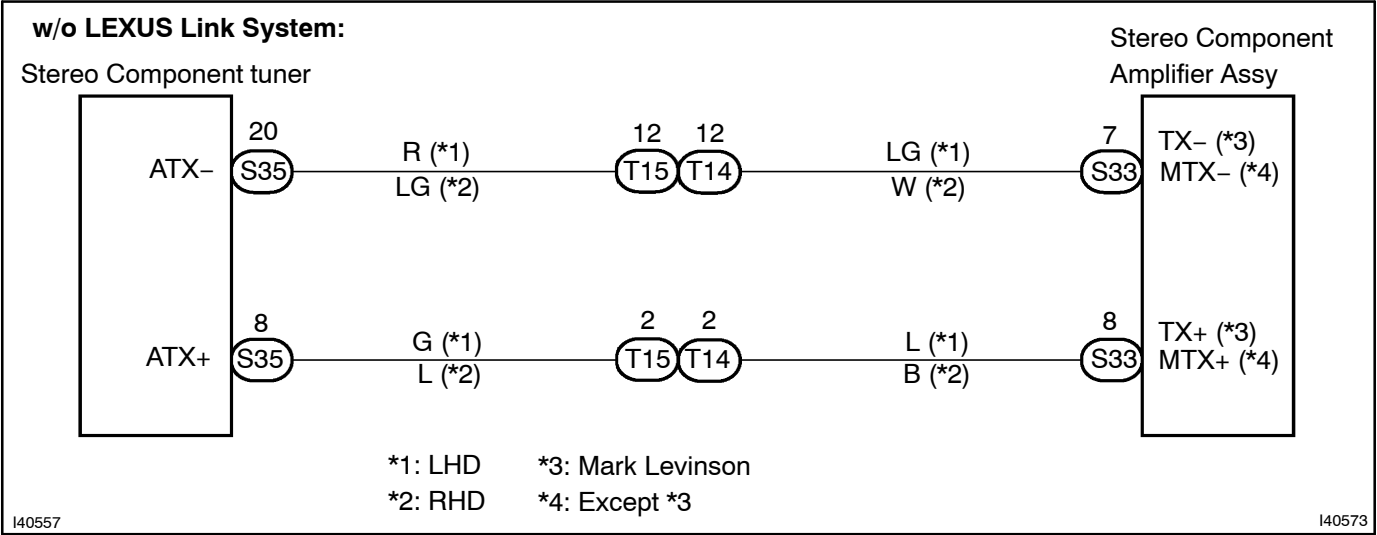
Stereo Component
Amplifier Assy

Stereo Component Tuner



C

*1: LHD *3: Mark Levinson
*2: RHD *4: Except *3



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

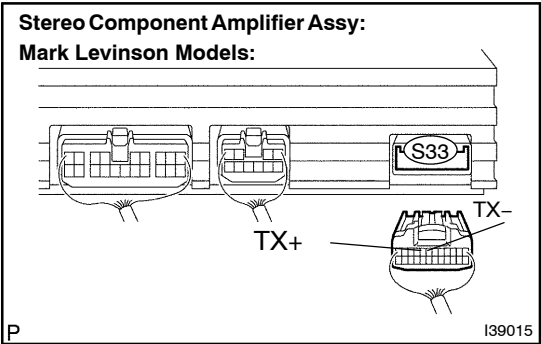
- (a) Disconnect the T14 and T15 connectors from the telephone transceiver and speaker relay and connect them.
- (b) Check if the system has returned to normal.
- OK: The system has returned to normal.**

NG GO TO LEXUS LINK SYSTEM (SEE PAGE 05-3128)

OK

3

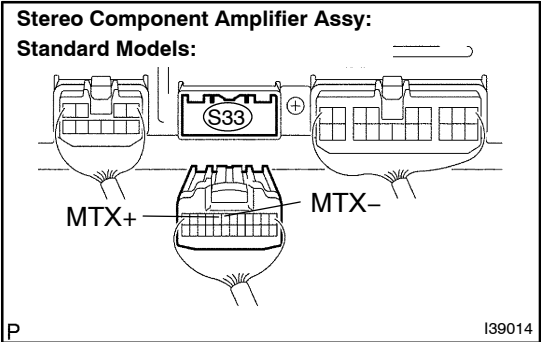
CHECK HARNESS AND CONNECTOR(STEREO COMPONENT AMPLIFIER ASSY - STEREO COMPONENT TUNER)



- (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.

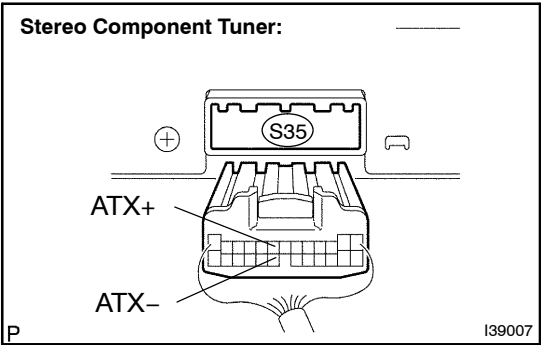
Standard:

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



*1: Mark Levinson Models

*2: Standard Models



NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN DIAGNOSTIC TROUBLE CODE CHART
(SEE PAGE 05-1788)