

AVC-LAN CIRCUIT (STEREO COMPONENT AMPLIFIER ASSY - AUDIO AND REAR A/C CONTROL SW)

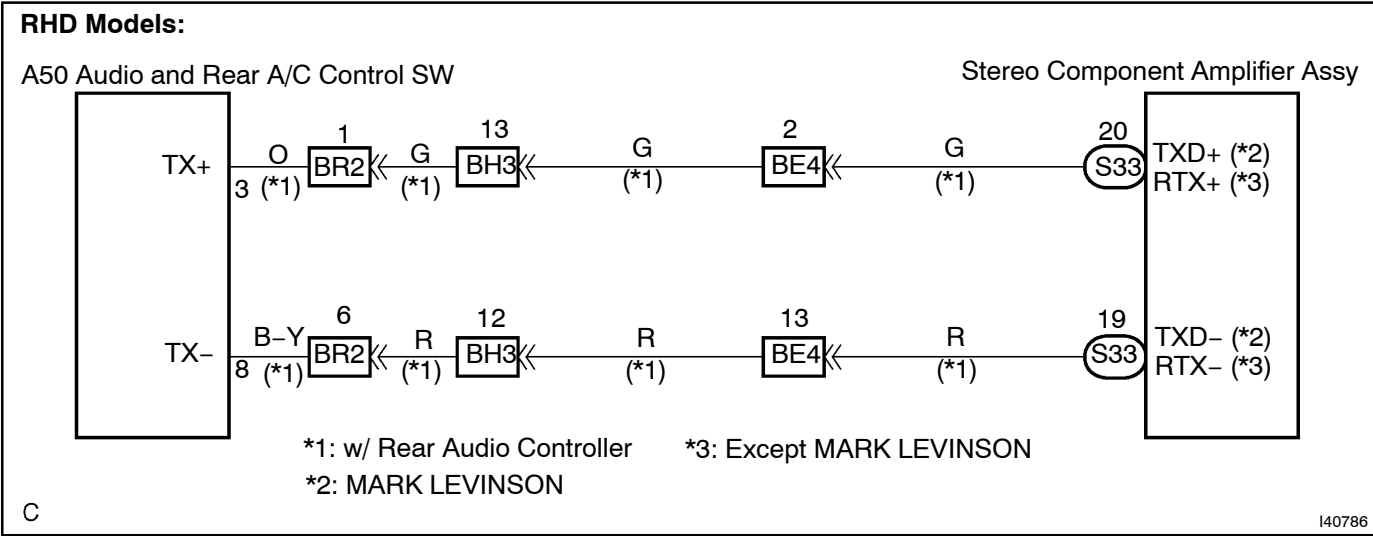
CIRCUIT DESCRIPTION

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.

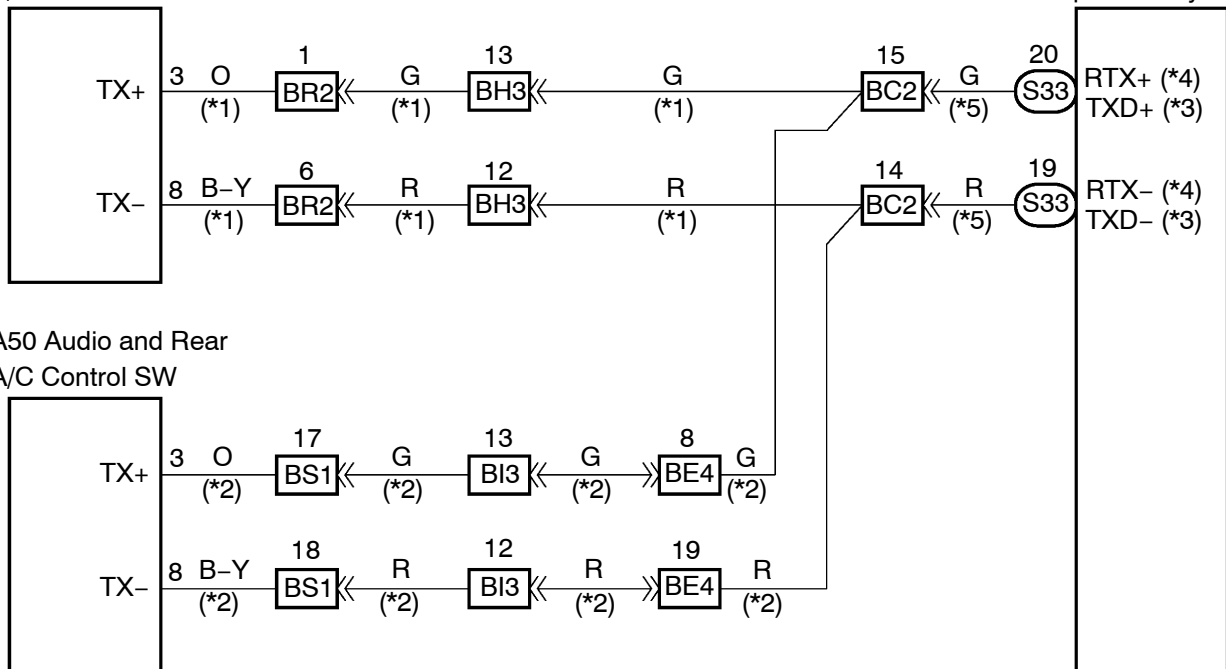
WIRING DIAGRAM



LHD Models:

A50 Audio and Rear
A/C Control SW

Stereo Component
Amplifier Assy



*1: w/ Rear Power Seat

*2: w/o Rear Power Seat

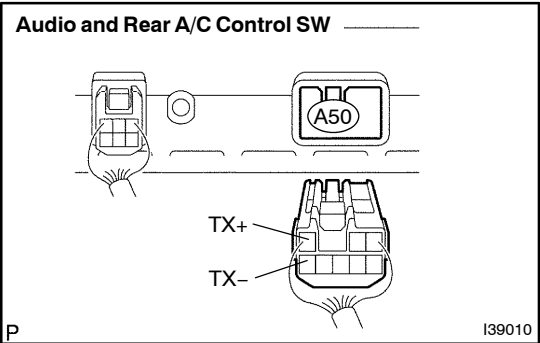
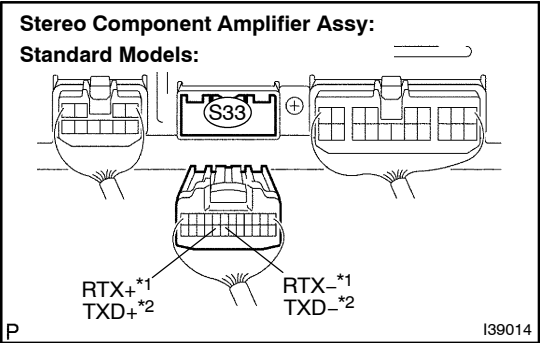
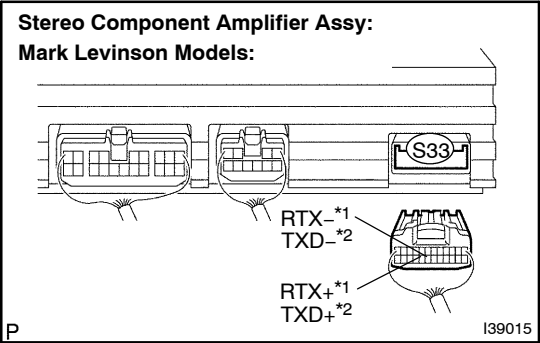
*3: MARK LEVINSON

*4: Except MARK LEVINSON

*5: w/ Rear Audio Controller

INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR(STEREO COMPONENT AMPLIFIER ASSY - AUDIO AND REAR A/C CONTROL SW)



- (a) Disconnect the connector from the stereo component amplifier assy S33 and audio and rear A/C control sw A50.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
TX+ - (RTX+ *1), (TXD+ *2)	Always	Below 1 Ω
TX- - (RTX- *1), (TXD- *2)	Always	Below 1 Ω
TX+ - Body ground	Always	10 k Ω or higher
TX- - Body ground	Always	10 k Ω or higher

*1: Mark Levinson Models

*2: Standard Models

OK

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

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