

AVC-LAN CIRCUIT (RADIO RECEIVER ASSY - MULTI-DISPLAY)

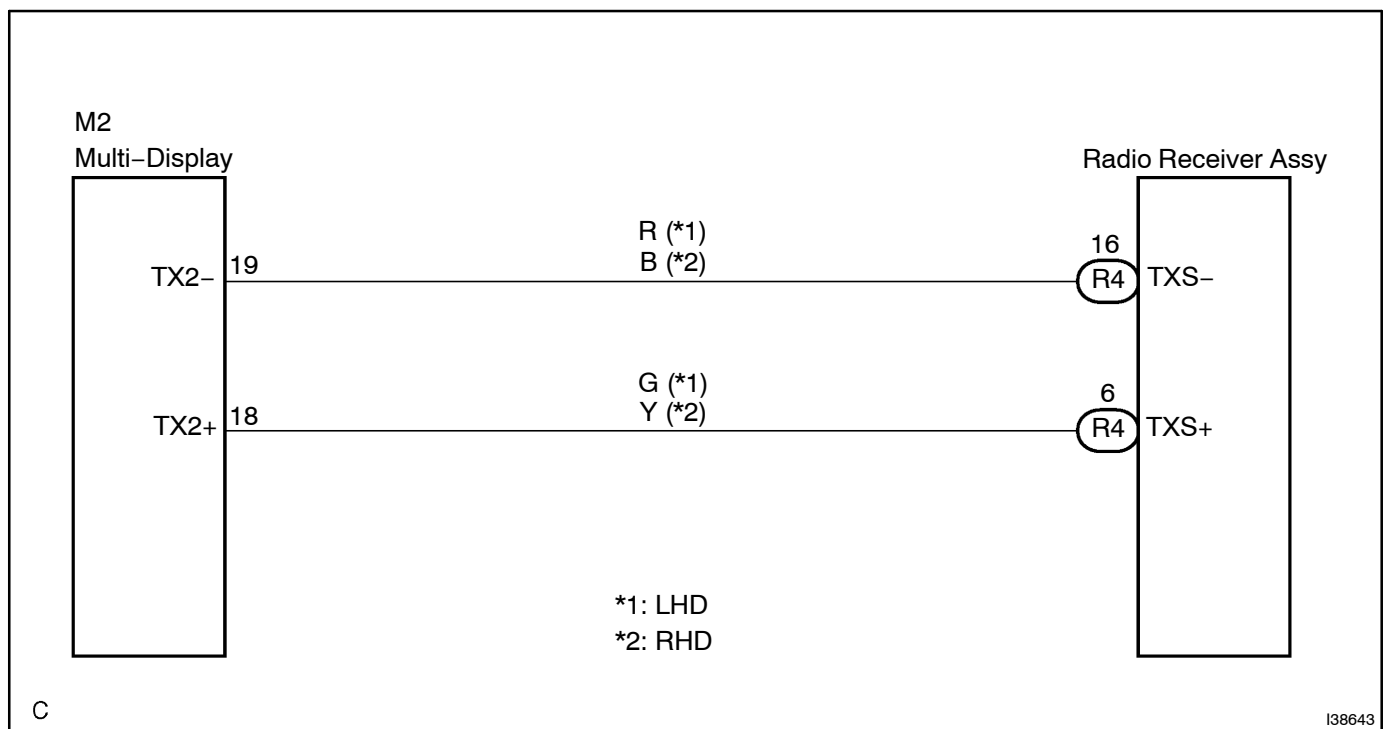
CIRCUIT DESCRIPTION

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.

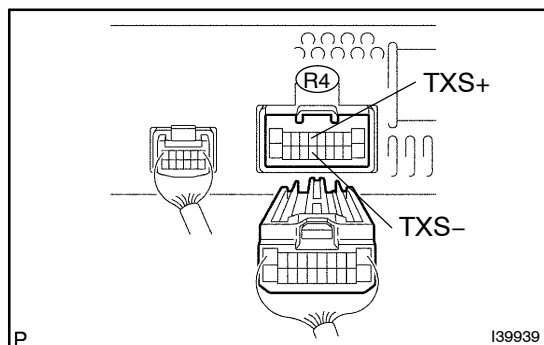
In AVC-LAN, multi-display becomes the communication master, and the radio receiver assy has enough resistance necessary for transmitting the communication.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT RADIO RECEIVER ASSY



- (a) Measure the resistance according to the value(s) in the table below.

Standard:

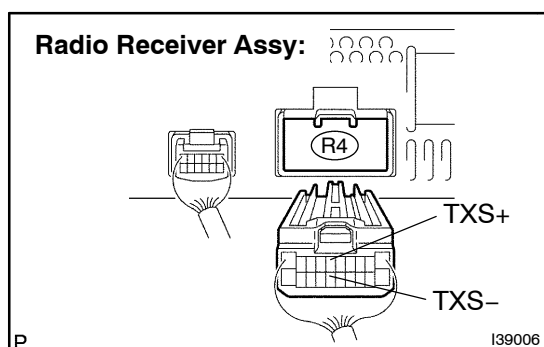
Tester connection	Condition	Specified condition
TXS+ - TXS-	Always	60 to 80 Ω

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REPLACE RADIO RECEIVER ASSY
(SEE PAGE 67-5)

OK

2 CHECK HARNESS AND CONNECTOR(RADIO RECEIVER ASSY - MULTI-DISPLAY)

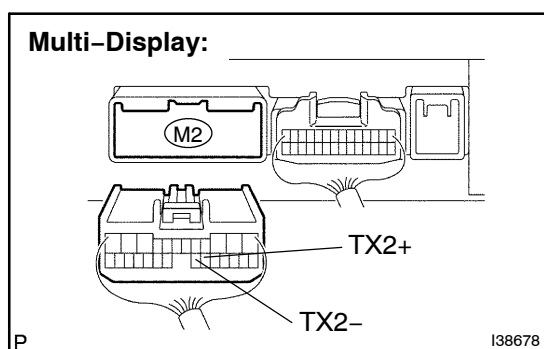


- (a) Disconnect the connector from the radio receiver assy R4 and multi-display M2.

- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
TXS+ - TX2+	Always	Below 1 Ω
TXS- - TX2-	Always	Below 1 Ω
TXS+ - Body ground	Always	10 k Ω or higher
TXS- - Body ground	Always	10 k Ω or higher



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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

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