

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

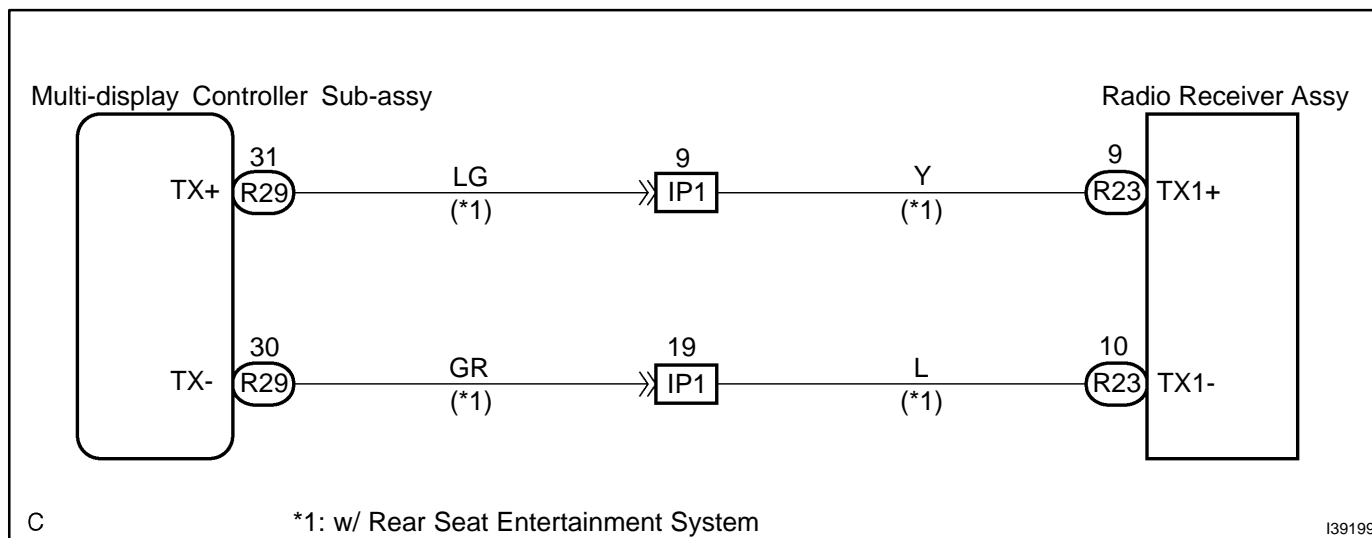
CIRCUIT DESCRIPTION

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.

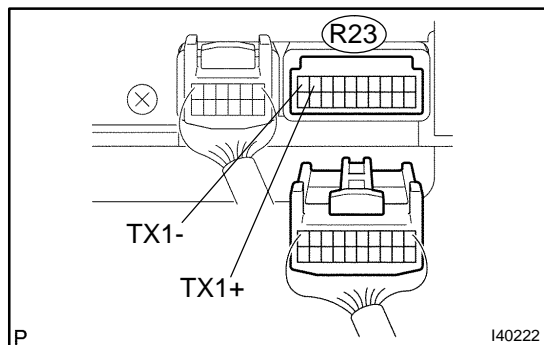
In AVC-LAN, radio receiver assy becomes the communication master, and the radio receiver assy has enough resistance necessary for transmitting the communication.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT RADIO RECEIVER ASSY



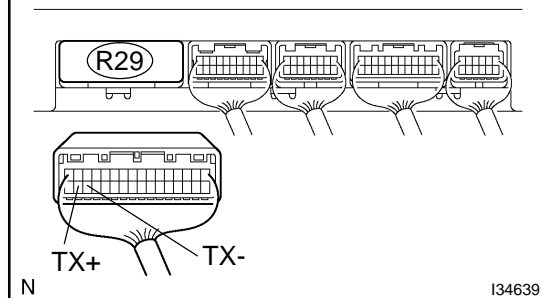
- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
TX1+ - TX1-	Always	60 to 80 Ω

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**REPLACE RADIO RECEIVER ASSY
(SEE PAGE 67-6)**
OK

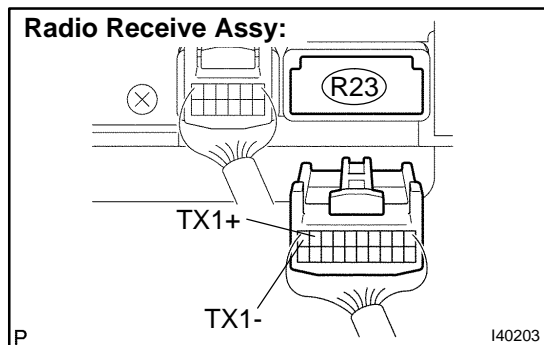
2 CHECK HARNESS AND CONNECTOR(MULTI-DISPLAY CONTROLLER SUB-ASSY - RADIO RECEIVER ASSY)

Multi-display Controller Sub-assy:


- (a) Disconnect the connectors from the multi-display controller sub-assy R29 and radio receiver assy R23.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
TX+ - TX1+	Always	Below 1 Ω
TX- - TX1-	Always	Below 1 Ω
TX+ - Body ground	Always	10 k Ω or higher
TX- - 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 PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1632)**