AVC-LAN Circuit

DESCRIPTION

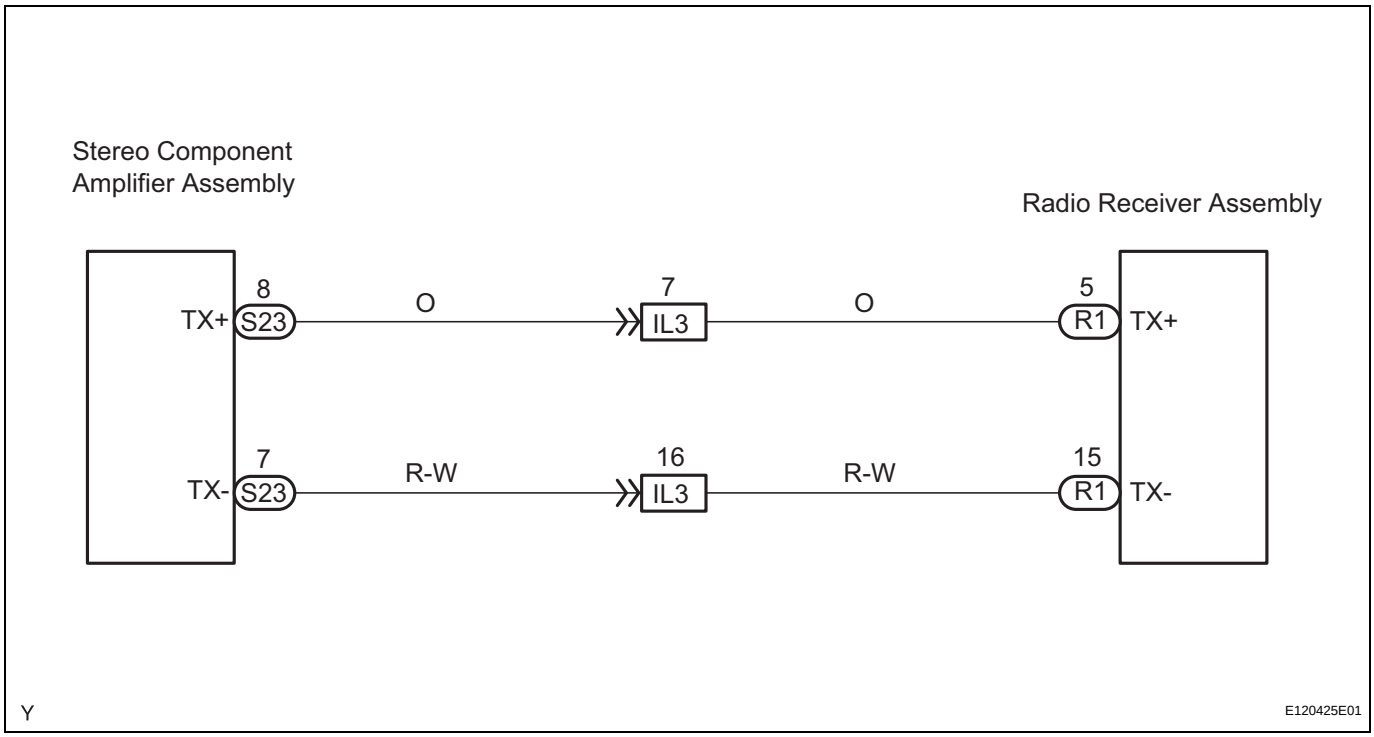
All audio system units that are connected to the AVC-LAN (communication bus) use it as the communication line by which they transmit switch signals.

AV

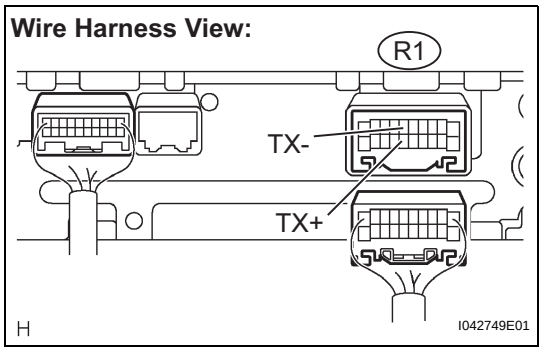
When a +B short or GND short occurs in the AVC- LAN, the audio system fails to function normally, due to the discontinuation of communication.

In the AVC-LAN, the radio receiver assembly is the main communication center and has the correct resistance necessary for transmitting communication signals.

WIRING DIAGRAM



1	INSPECT RADIO RECEIVER ASSEMBLY



(a) Disconnect the R1 radio receiver assembly connector.

(b) Measure the resistance.

Standard

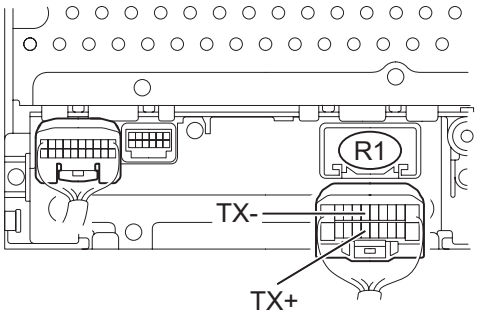
Tester Connection	Condition	Specified Condition
TX+ (R1-5) - TX (R1-15)	Always	60 to 80 Ω

NG → **REPLACE RADIO RECEIVER ASSEMBLY**

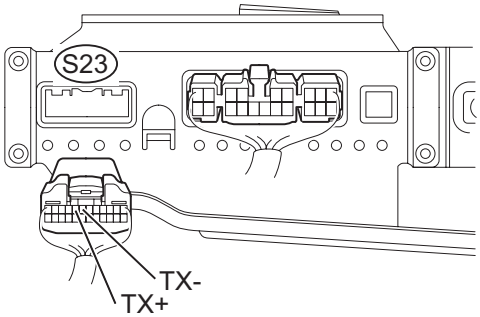
OK

2	CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - STEREO COMPONENT AMPLIFIER)

Radio Receiver Assembly Wire Harness View:



Stereo Component Amplifier Assembly Wire Harness View:



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(a) Disconnect the R1 radio receiver assembly connector and S23 stereo component amplifier assembly connector.

(b) Check the resistance.

Standard

Tester Connection	Specified Condition
TX+ (S23-8) - TX+ (R1-15)	Below 1 Ω
TX+ (S23-7) - TX- (R1-15)	Below 1 Ω
TX+ (R1-5) - Body ground	10 kΩ or higher
TX+ (R1-5) - Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

3	REPLACE STEREO COMPONENT AMPLIFIER ASSEMBLY

NG → **REPLACE RADIO RECEIVER ASSEMBLY**

OK

END