AVC–LAN CIRCUIT (RADIO RECEIVER ASSY – AMP)

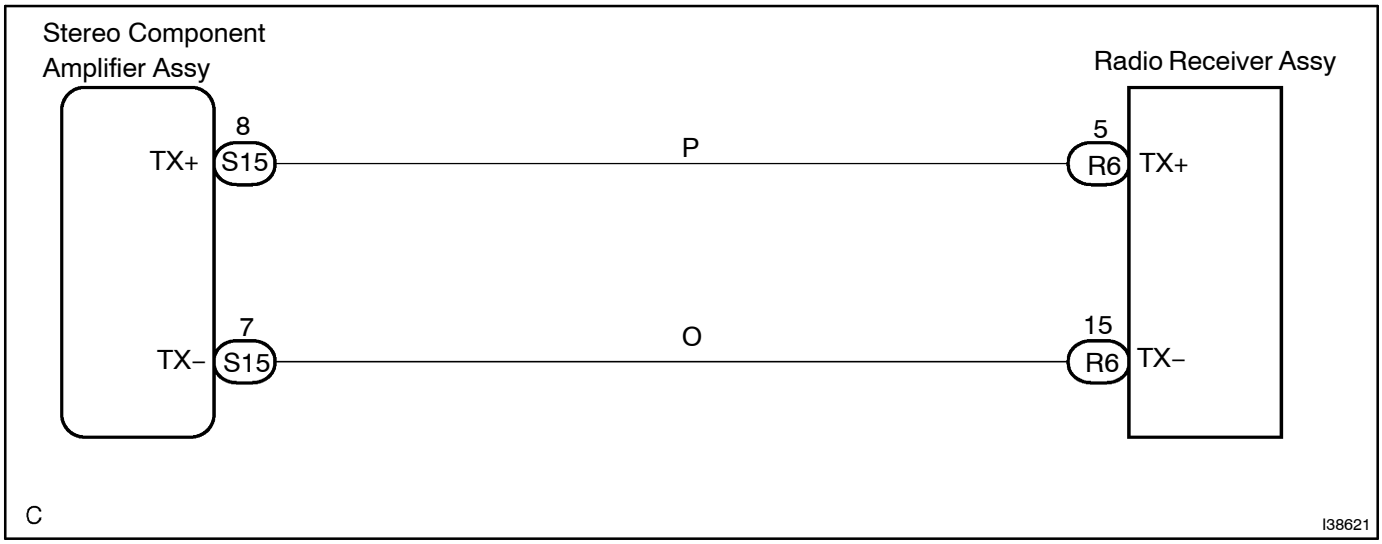
CIRCUIT DESCRIPTION

Each unit of audio system connected to the AVC–LAN (communication bus) transfers the signal of each switch by communication.

When +B short and GND short occur in this AVC– LAN, audio system will not function normally as communication is discontinued.

In this AVC–LAN, the radio receiver assy becomes the master of the communication, and the radio receiver assy has resistance necessary for transmitting the communication.

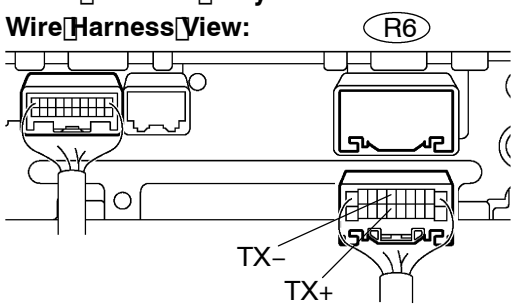
WIRING DIAGRAM



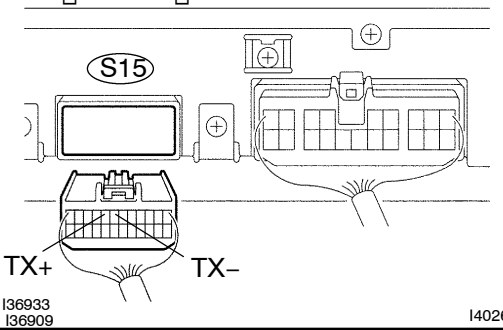
INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR (RADIO RECEIVER ASSY – STEREO COMPONENT AMPLIFIER ASSY)

Radio Receiver Assy
Wire Harness View:



Stereo Component Amplifier Assy
Wire Harness View:



I36933
I36909
I40261

(a) Disconnect the radio receiver assy R6 connector and stereo component amplifier assy S15 connector.

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

Standard:

Tester connection	Specified condition
TX+ (S15–8) – TX+ (R6–5)	Below 1 Ω
TX– (S15–7) – TX– (R6–15)	Below 1 Ω
TX+ (S15–8) – Body ground	10 kΩ or higher
TX– (S15–7) – Body ground	10 kΩ or higher

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN DIAGNOSTIC TROUBLE CODE CHART (SEE PAGE 05–1482)