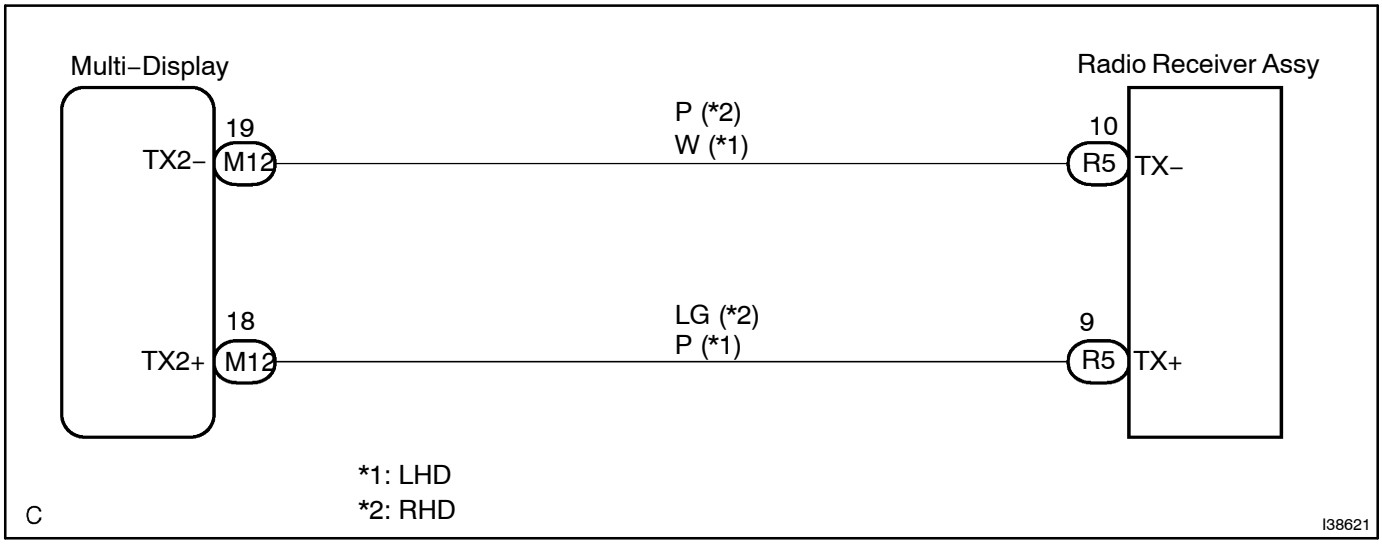
AVC–LAN CIRCUIT (MULTI–DISPLAY ASSY – RADIO RECEIVER ASSY)

CIRCUIT DESCRIPTION

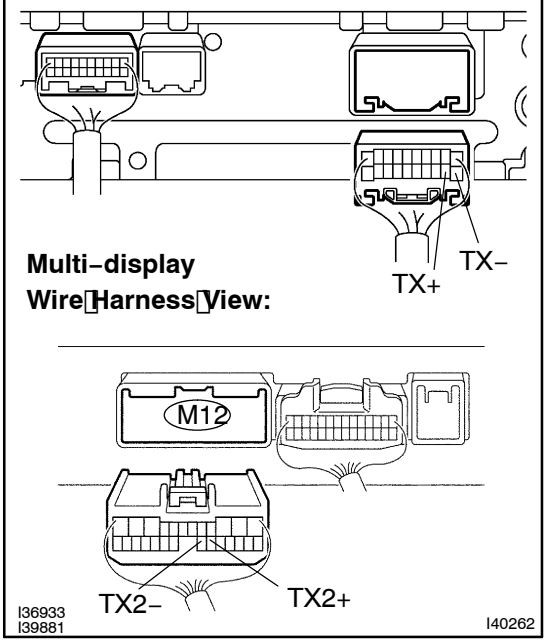
Each unit of audio system connected to the AVC–LAN (communication bus) transfers the signal of each switch by communication.
When +B short and GND short occur in this AVC– LAN, audio system will not function normally as communication is discontinued.
In this AVC–LAN, the radio receiver assy becomes the 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 – MULTI–DISPLAY)



(a) Disconnect the radio receiver assy R5 connector and multi–display M12 connector.

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

Standard:

Tester connection	Specified condition
TX+ (R5–9) – TX2+ (M12–18)	Below 1 Ω
TX– (R5–10) – TX2– (M12–19)	Below 1 Ω
TX+ (R5–9) – Body ground	10 kΩ or higher
TX– (R5–10) – 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)