

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

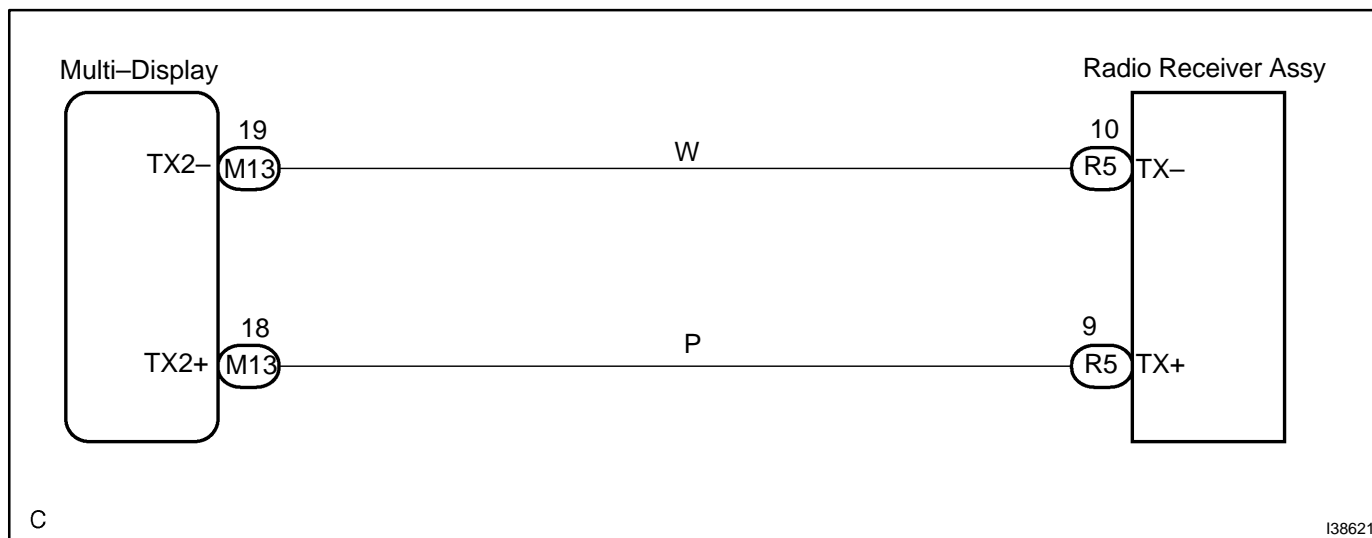
## CIRCUIT DESCRIPTION

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.

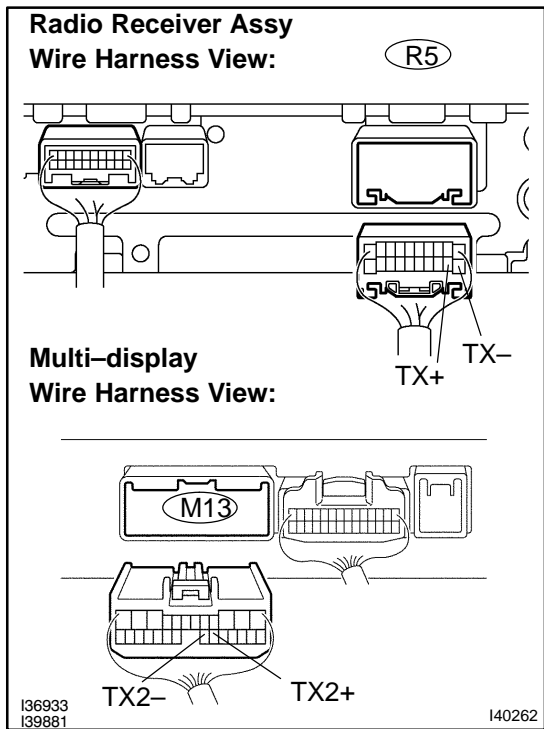
In this AVC-LAN, the radio receiver assy becomes the master of the communication, and the radio receiver assy has resistance necessary for transmitting the communication.

## 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 M13 connector.
- (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester connection	Specified condition
TX+ (R5-9) - TX2+ (M13-18)	Below 1 Ω
TX- (R5-10) - TX2- (M13-19)	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 05-1778)