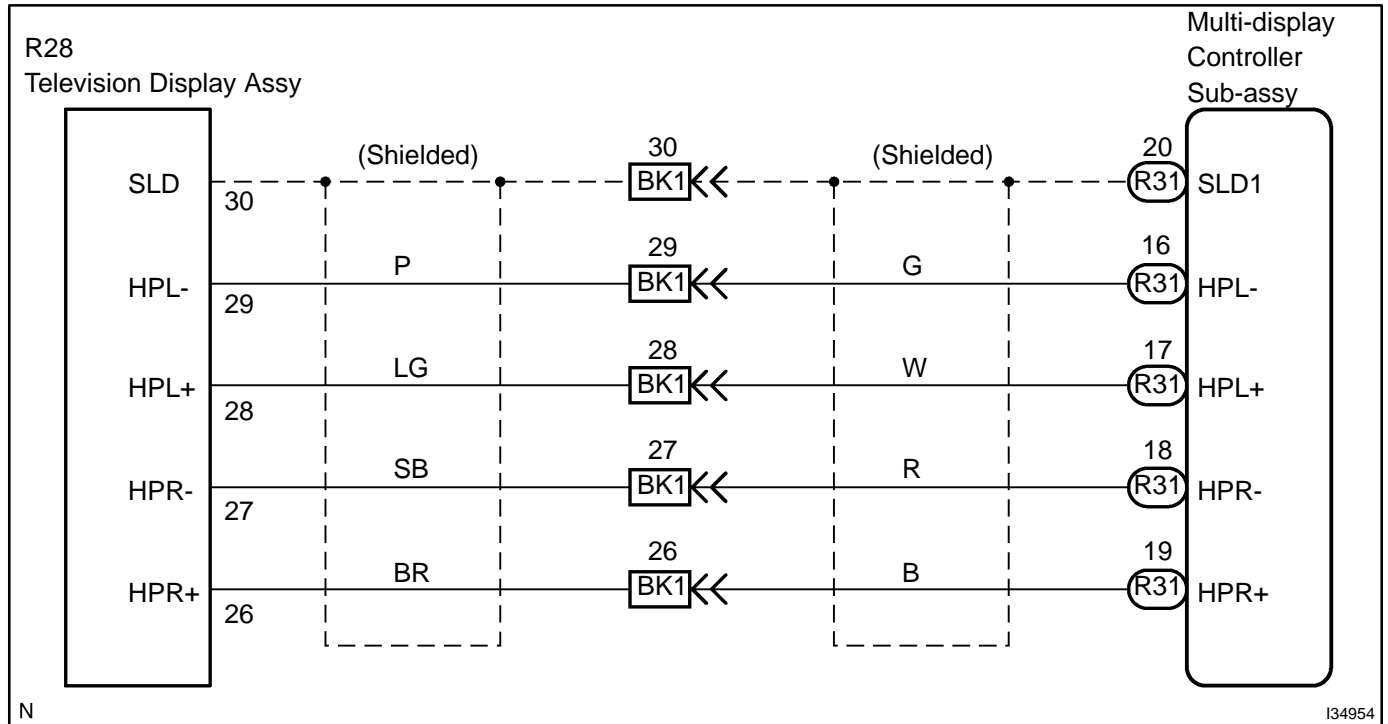


SOUND SIGNAL CIRCUIT (TO TELEVISION DISPLAY ASSY (WIRELESS HEADPHONE))

CIRCUIT DESCRIPTION

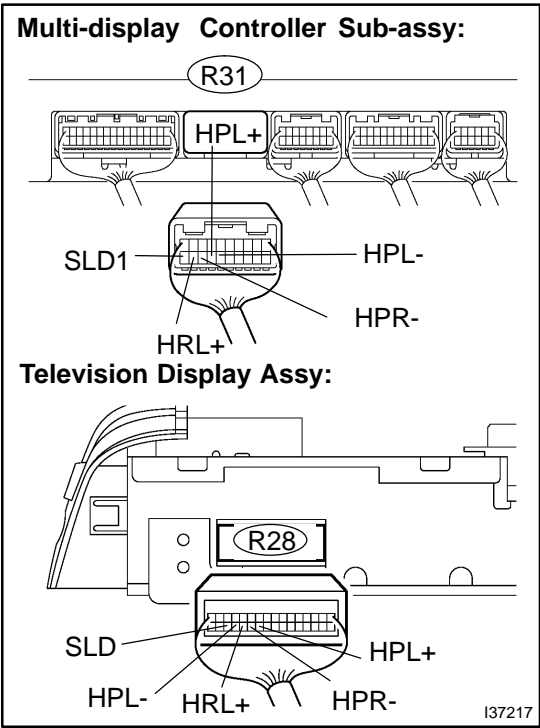
This is the sound signal circuit from the television display assy to the multi-display controller sub-assy.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR(MULTI-DISPLAY CONTROLLER SUB-ASSY - TELEVISION DISPLAY ASSY)



- (a) Disconnect the connector from the multi-display controller sub-assy and television display assy.
- (b) Measure the resistance according to the values in the table below.

Standard:

Tester connection	Condition	Specified condition
SLD - SLD1	Always	Below 1 Ω
HPL- - HPL-	Always	Below 1 Ω
HPL+ - HPL+	Always	Below 1 Ω
HPR- - HPR-	Always	Below 1 Ω
HPR+ - HPR+	Always	Below 1 Ω
HPL- - Body ground	Always	10 kΩ or higher
HPL+ - Body ground	Always	10 kΩ or higher
HPR- - Body ground	Always	10 kΩ or higher
HPR+ - Body ground	Always	10 kΩ or higher

NG

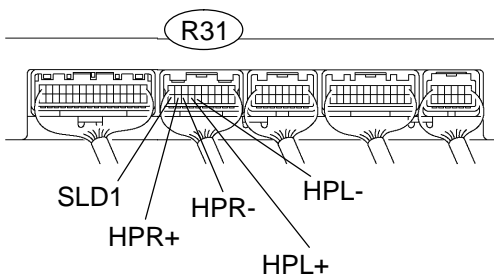
REPAIR OR CONNECTOR

REPLACE HARNESS OR

OK

2 INSPECT MULTI-DISPLAY CONTROLLER SUB-ASSY

Multi-display Controller Sub-assy:



- (a) Connect the connector.
- (b) Using an oscilloscope, check the signal waveform between the terminals according to the conditions, as shown in the chart.

Standard:

Tester connection	Condition	Specified condition
HPL- - Body ground	While voice sound is being produced	A waveform synchronized with sound is output
HPL+ - Body ground	While voice sound is being produced	A waveform synchronized with sound is output
HPR- - Body ground	While voice sound is being produced	A waveform synchronized with sound is output
HPR+ - Body ground	While voice sound is being produced	A waveform synchronized with sound is output

NG

REPLACE MULTI-DISPLAY CONTROLLER SUB-ASSY (See page 67-23)

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (See page 05-1704)