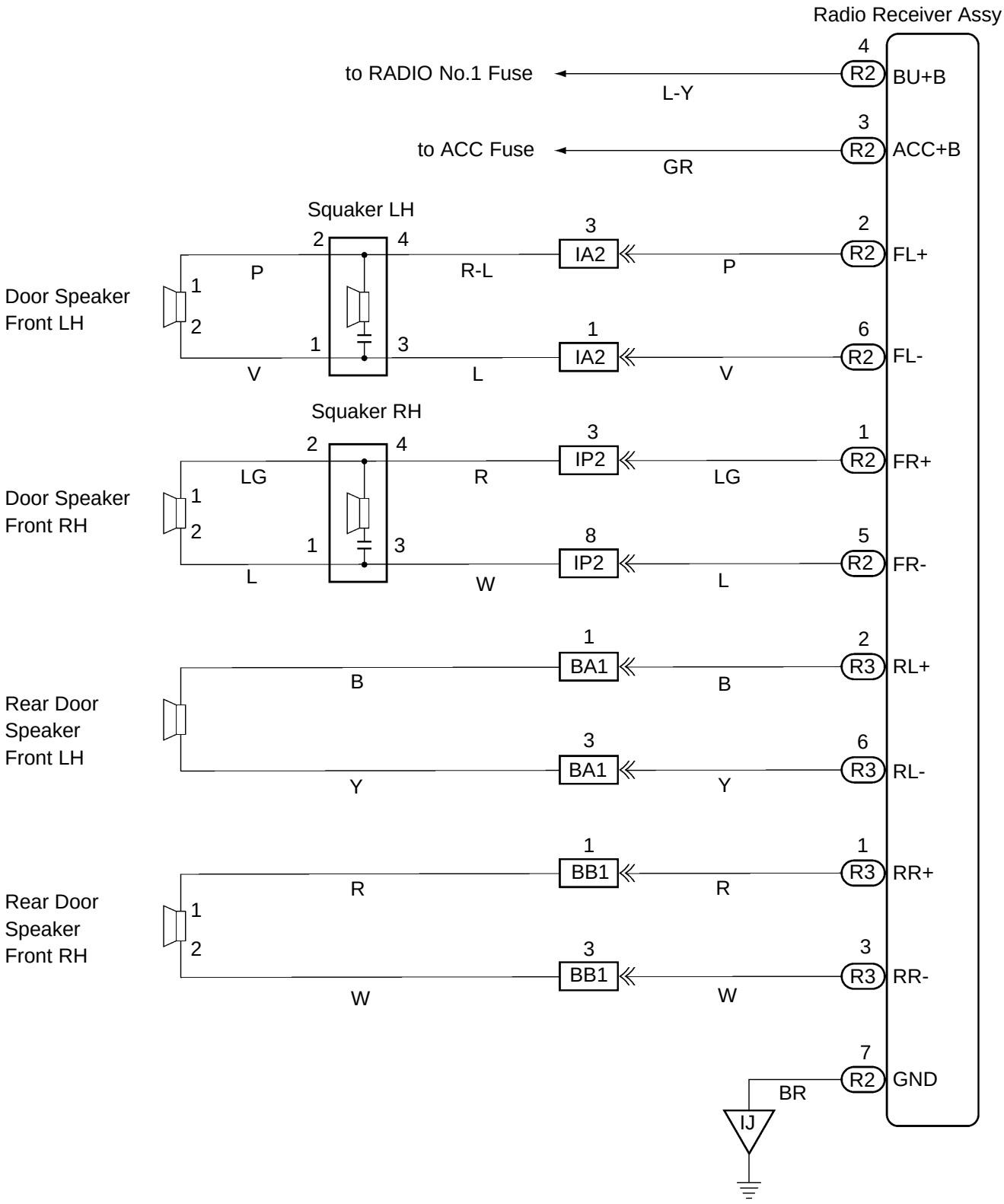
SOUND QUALITY IS BAD IN ALL MODES (VOLUME IS TOO LOW)

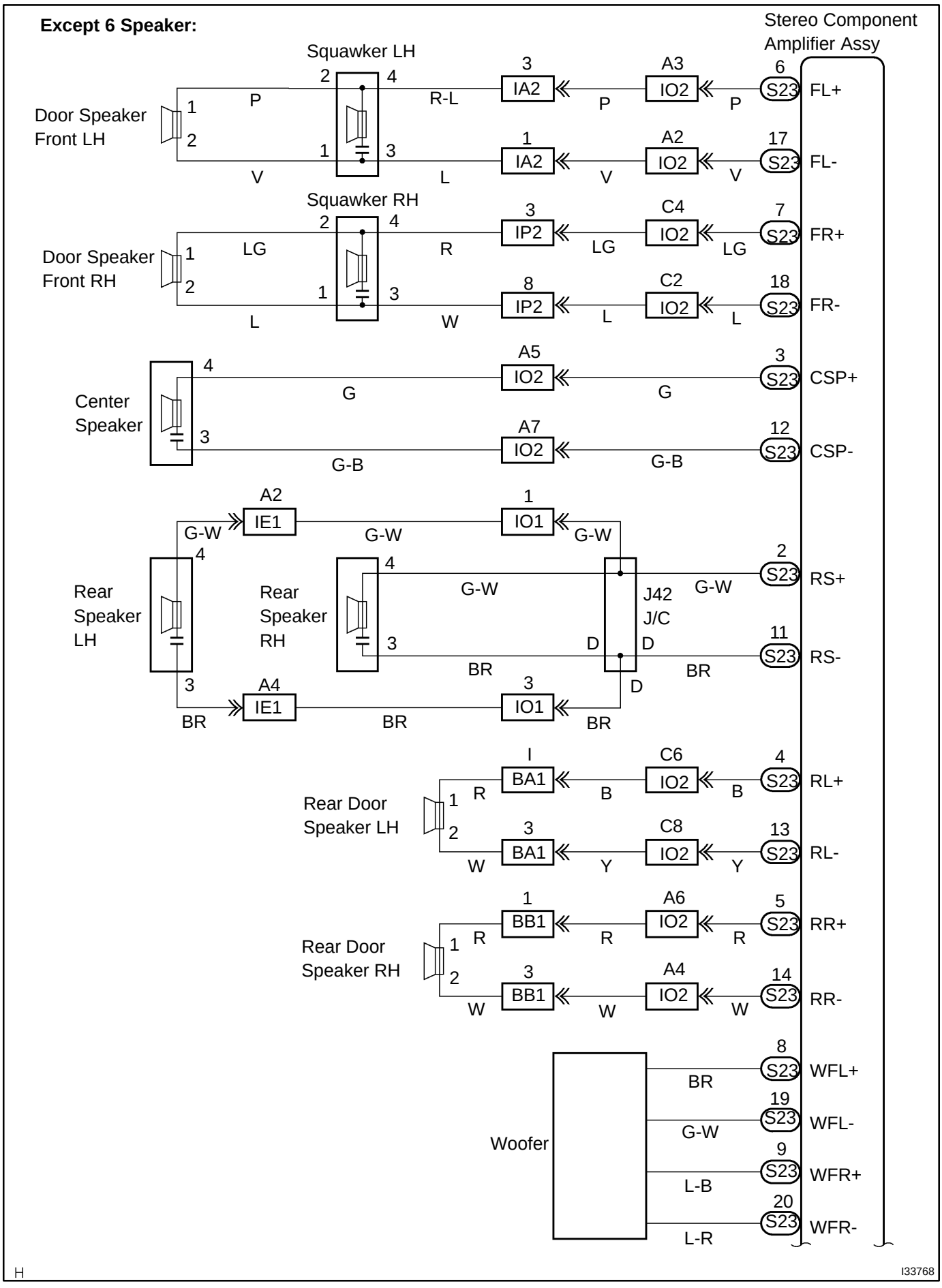
WIRING DIAGRAM

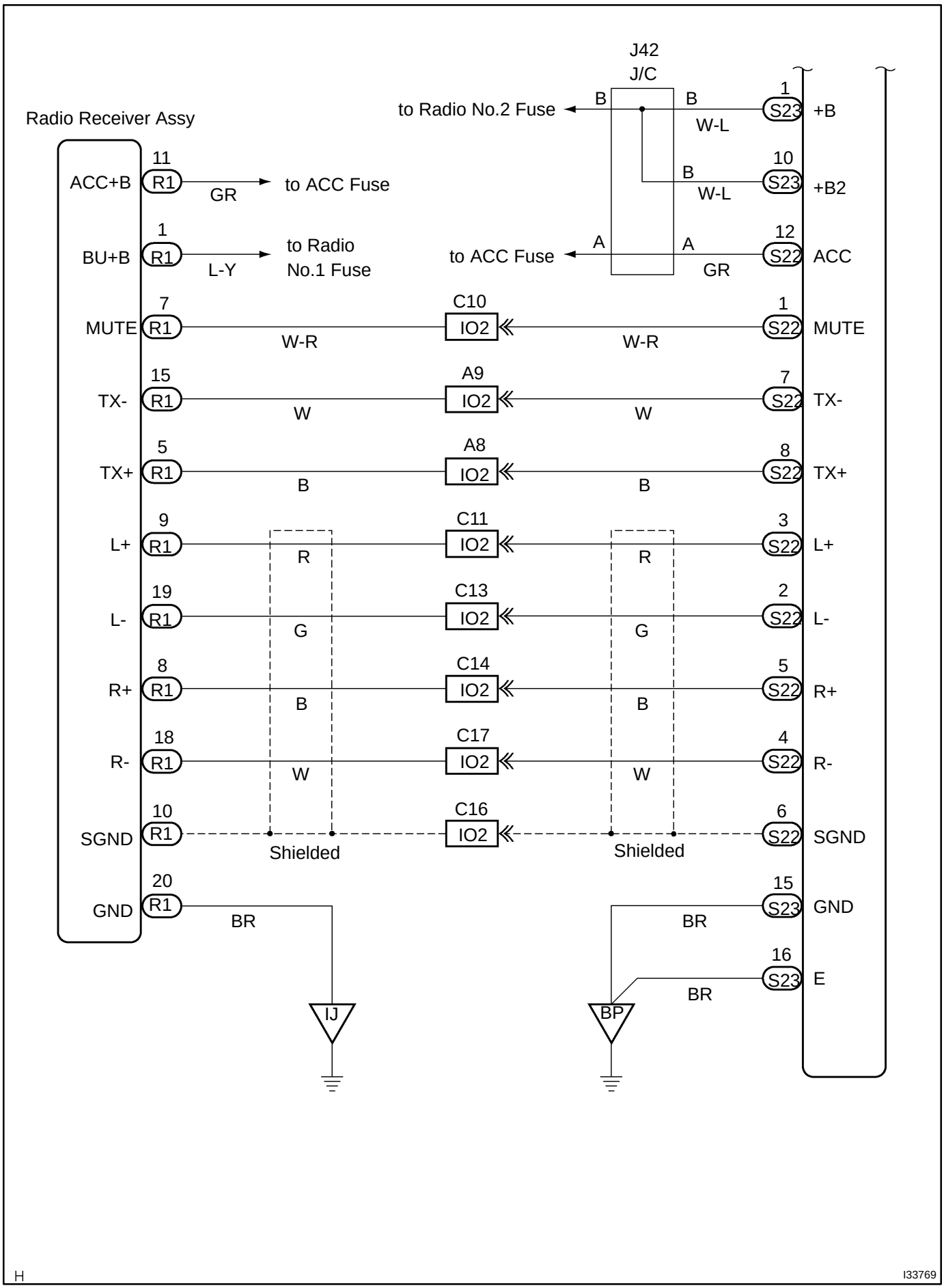
6 Speaker:



H

I33767


Except 6 Speaker:
Stereo Component Amplifier Assy
Squawker LH
Door Speaker Front LH
Squawker RH
Door Speaker Front RH
Center Speaker
Rear Speaker LH
Rear Speaker RH
J42 J/C
Rear Door Speaker LH
Rear Door Speaker RH
Woofer
IA2
IO2
IP2
IE1
IO1
BA1
BB1
S23
FL+
FL-
FR+
FR-
CSP+
CSP-
RS+
RS-
RL+
RL-
RR+
RR-
WFL+
WFL-
WFR+
WFR-
P
R-L
V
L
LG
R
W
G
G-B
G-W
BR
D
B
Y
R
W
L-B
L-R
H
I33768


J42
J/C
Radio Receiver Assy
to Radio No.2 Fuse
B
B
W-L
1
S23
+B
ACC+B
11
R1
GR
to ACC Fuse
B
W-L
10
S23
+B2
BU+B
1
R1
L-Y
to Radio
No.1 Fuse
to ACC Fuse
A
A
GR
12
S22
ACC
MUTE
7
R1
W-R
C10
IO2
W-R
1
S22
MUTE
TX-
15
R1
W
A9
IO2
W
7
S22
TX-
TX+
5
R1
B
A8
IO2
B
8
S22
TX+
L+
9
R1
R
C11
IO2
R
3
S22
L+
L-
19
R1
G
C13
IO2
G
2
S22
L-
R+
8
R1
B
C14
IO2
B
5
S22
R+
R-
18
R1
W
C17
IO2
W
4
S22
R-
SGND
10
R1
Shielded
C16
IO2
Shielded
6
S22
SGND
GND
20
R1
BR
IJ
BR
15
S23
GND
BR
16
S23
E
BP
H
I33769

INSPECTION PROCEDURE

1	ADJUST SOUND QUALITY

(a) Adjust the sound quality.
(1) Operate the radio receiver assy to adjust the sound quality.
Standard: The condition returns to be normal.

OK > **BAD SOUND QUALITY**

NG

2	COMPARE IT WITH ANOTHER CAR OF SAME MODEL

(a) Compare it with another vehicle of the same model.
(1) Compare with the vehicle of the same type which does not have a trouble to see if there is any difference in the condition of trouble occurrence.
Standard: No difference found.

OK > **NORMAL**

NG

3	INSPECT SYSTEM

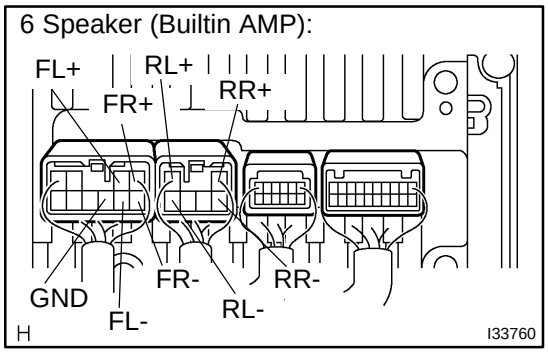
(a) Check the system.
(1) Check whether the stereo component amplifier assy is a built-in type or a separate type.

(A)	(B)
Built-in type amplifier	Separate type amplifier

B > **Go to step 6**

A

4 INSPECT RADIO RECEIVER ASSY (OUTPUT SIGNAL)



(a) Check that the voltage between terminals at each condition, as shown in the chart.

Standard:

Terminal	Condition	Specified condition
FL+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
FR+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
RL+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
RR+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output

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

OK

5 CHECK SPEAKER (RESISTANCE)

(a) Check continuity.

(1) Check that the continuity exists between terminals of speaker.

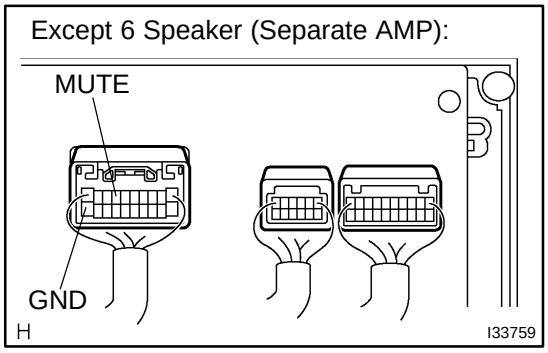
Standard: 2 - 8Ω

NG → **REPLACE SPEAKER**

OK

NORMAL

6 INSPECT RADIO RECEIVER ASSY (MUTE, GND)



(a) Check that the voltage between terminals at each condition, as shown in the chart.

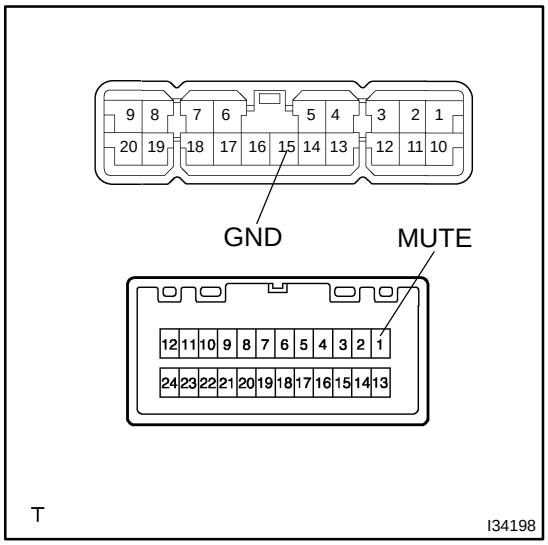
Standard:

Terminal	Condition	Specified condition
MUTE ⇔ GND	Audio system is sounding	3.5V or more

NG → **CHECK AND REPLACE RADIO RECEIVER ASSY**

OK

7 INSPECT STEREO COMPONENT AMPLIFIER ASSY (MUTE, GND)



(a) Check that the voltage between terminals at each condition, as shown in the chart.

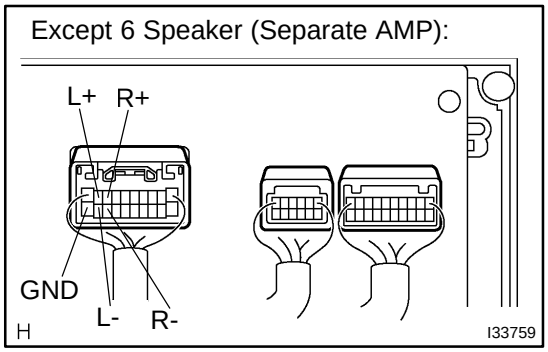
Standard:

Terminal	Condition	Specified condition
MUTE ⇔ GND	Audio system is sounding	3.5V or more

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

OK

8 INSPECT RADIO RECEIVER ASSY (OUTPUT SIGNAL)



(a) Check that the continuity between terminals at each condition, as shown in the chart.

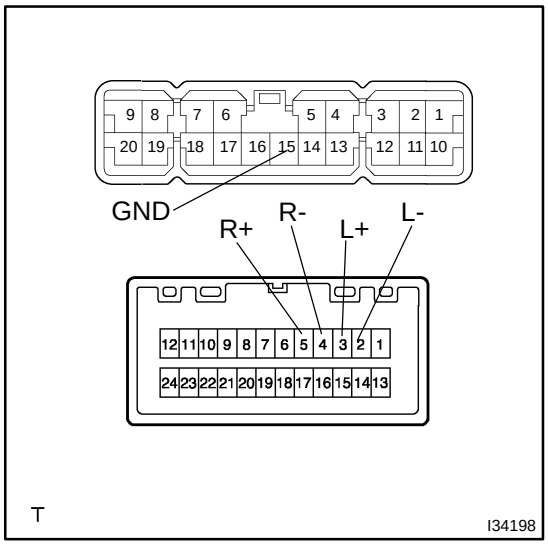
Standard:

Terminal	Condition	Specified condition
R+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
L+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output

NG → **CHECK AND REPLACE RADIO RECEIVER ASSY**

OK

9 INSPECT STEREO COMPONENT AMPLIFIER ASSY (INPUT SIGNAL)



(a) Check that the continuity between terminals at each condition, as shown in the chart.

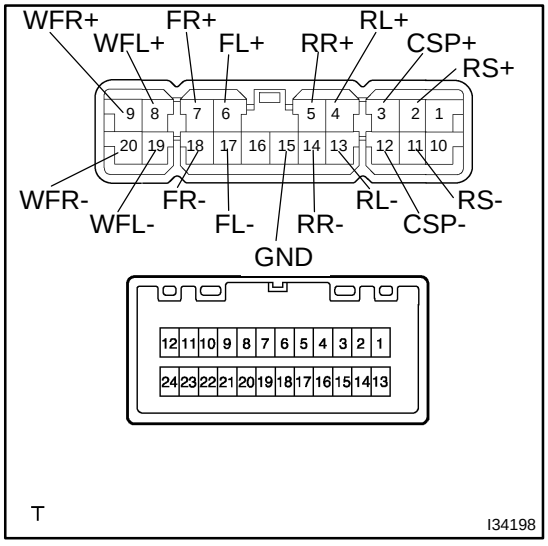
Standard:

Terminal	Condition	Specified condition
R+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
L+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output

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

OK

10 INSPECT STEREO COMPONENT AMPLIFIER ASSY (OUTPUT SIGNAL)



(a) Check that the continuity between terminals at each condition, as shown in the chart.

Standard:

Terminal	Condition	Specified condition
FL+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
FR+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
RL+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
RR+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
WFL+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
WFR+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
CSP+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output
RS+/- ⇔ GND	Audio system is sounding	A waveform synchronized with sounds is output

NG → **CHECK AND REPLACE STEREO COMPONENT AMPLIFIER ASSY**

OK

11	CHECK SPEAKER (RESISTANCE)

(a) Check continuity.
(1) Check that the continuity exists between terminals of speaker.
Standard: 2 - 8Ω

NG → **REPLACE SPEAKER**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR