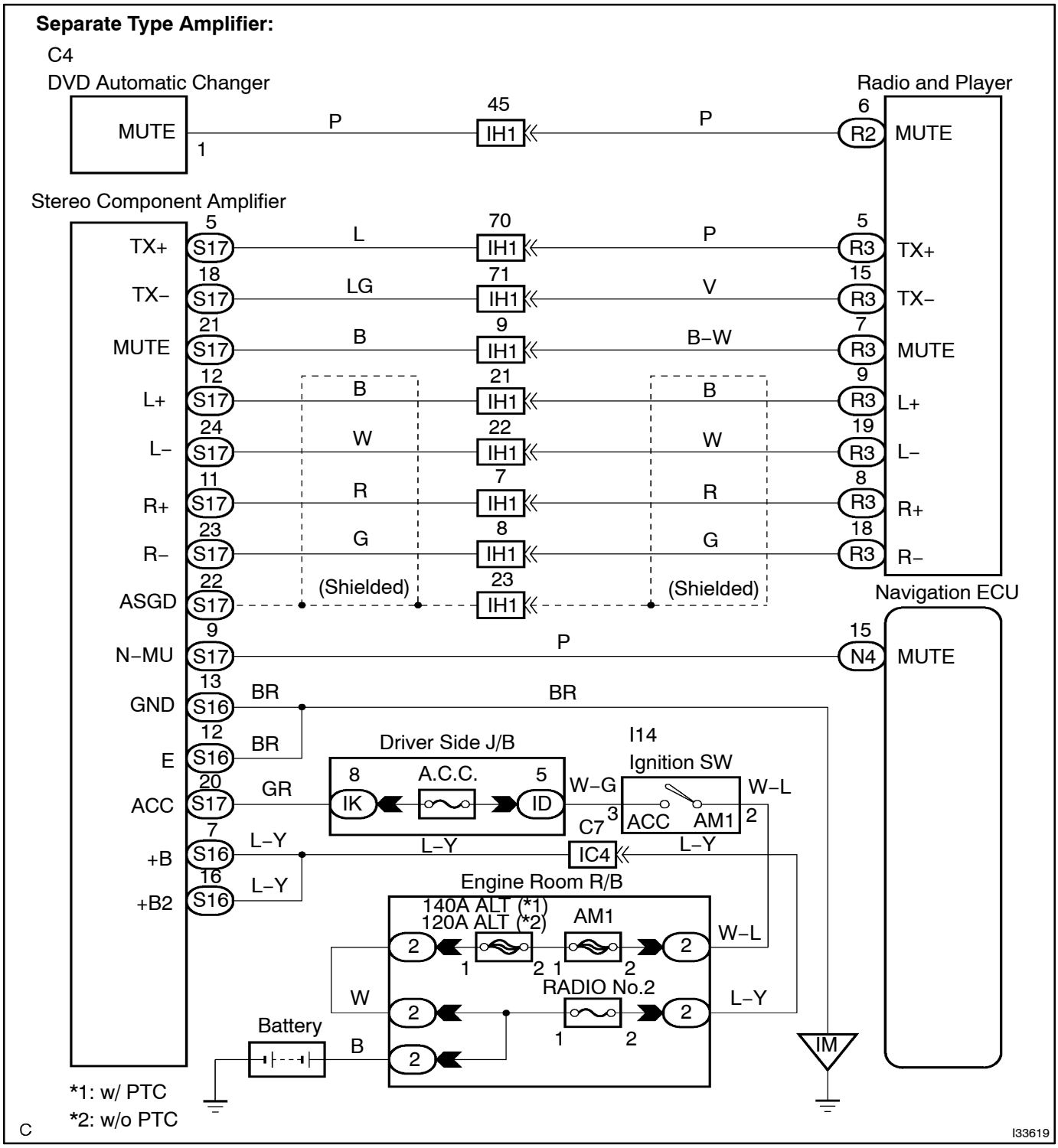
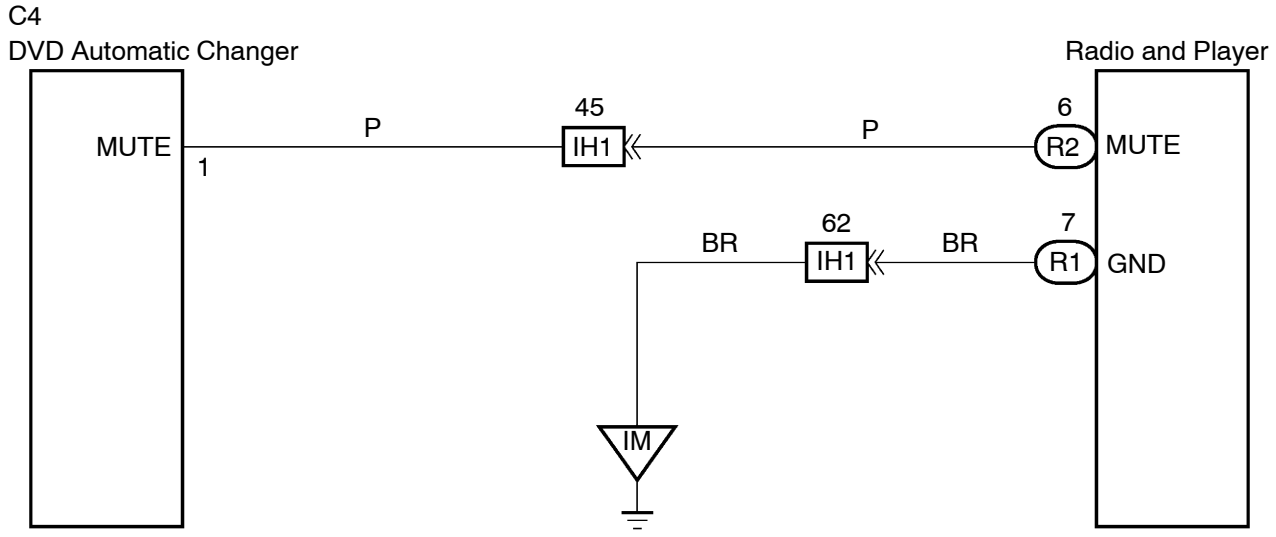
NO SOUND IS HEARD FROM SPEAKER IN ALL MODES

WIRING DIAGRAM



Built–in Type Amplifier:



INSPECTION PROCEDURE

1	CHECK SYSTEM

(a) Check system.
(1) Check audio system.

Result:

A	B
9 speaker systems	Except 9 speaker systems

B → **Go to step 9**

A

2	SERVICE CHECK MODE(STEREO COMPONENT AMPLIFIER ASSY)

(a) Perform service check.
(1) Start the diagnosis system and read check result for stereo component amplifier assy.

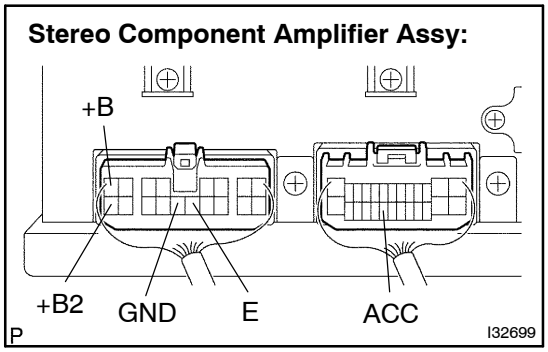
Result:

A	B
”NCON” is displayed or nothing displayed (P440)	”GOOD” is displayed

B → **Go to step 4**

A

3 INSPECT STEREO COMPONENT AMPLIFIER ASSY(+B, +B2, ACC, GND, E)



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

Standard:

Tester connection	Condition	Specified condition
GND – Body ground	Constant	Continuity
E – Body ground	Constant	Continuity

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

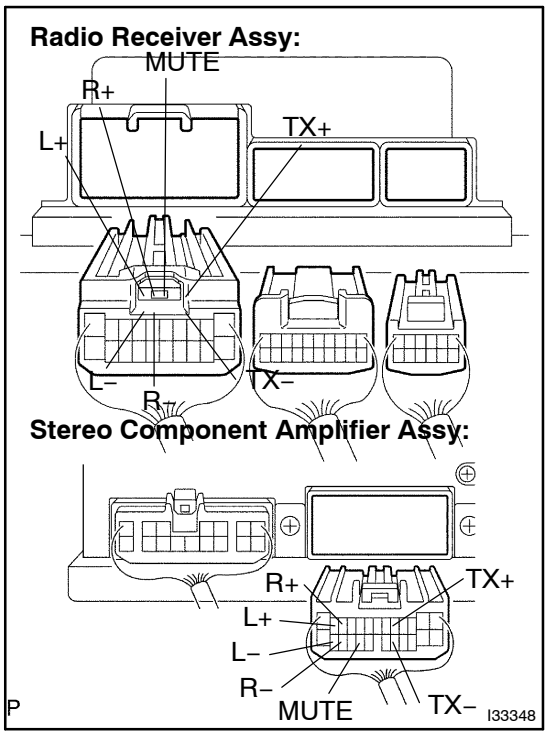
Standard:

Tester connection	Condition	Specified condition
+B – GND	Constant	10 – 14 V
+B2 – GND	Constant	10 – 14 V
ACC – GND	Ignition switch ACC or ON	10 – 14 V

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

OK

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



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

(1) Check continuity harness.

Standard:

Tester connection	Specified condition
L+ – L+	Continuity
L– – L–	Continuity
R+ – R+	Continuity
R– – R–	Continuity
TX+ – TX+	Continuity
TX– – TX–	Continuity
MUTE – MUTE	Continuity

(2) Check short harness.

Standard:

Tester connection	Specified condition
L+ – Body ground	No continuity
L– – Body ground	No continuity
R+ – Body ground	No continuity
R– – Body ground	No continuity
TX+ – Body ground	No continuity
TX– – Body ground	No continuity
MUTE – Body ground	No continuity

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

OK

5	CHECK SYSTEM

(a) Check system.
(1) Check navigation system.

Result:

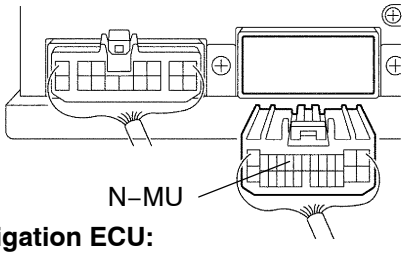
A	B
w/ navigation systems	w/o navigation systems

B → **Go to step 8**

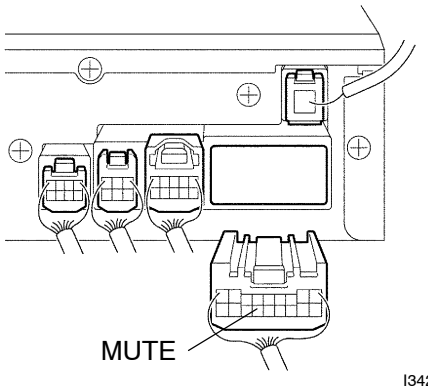
A

6	CHECK HARNESS AND CONNECTOR(STEREO COMPONENT AMPLIFIER ASSY – NAVIGATION ECU)

Stereo Component Amplifier Assy:



Navigation ECU:



(a) Disconnect the stereo component amplifier assy and navigation ECU.
(1) Check continuity harness.

Standard:

Tester connection	Specified condition
N–MU – MUTE	Continuity

(2) Check short harness.

Standard:

Tester connection	Specified condition
N–MU – Body ground	No continuity

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

OK

7	CHECK AND REPLACE NAVIGATION ECU

OK → **REPLACE NAVIGATION ECU**

NG

8	CHECK AND REPLACE STEREO COMPONENT AMPLIFIER ASSY

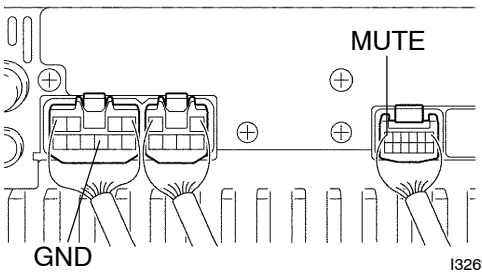
OK → REPLACE RADIO RECEIVER ASSY

NG

CHECK AND REPLACE RADIO RECEIVER ASSY

9	INSPECT RADIO RECEIVER ASSY(MUTE, GND)

Radio Receiver assy:



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

Standard:

Tester connection	Condition	Specified condition
GND – Body ground	Constant	Continuity

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

Standard:

Tester connection	Condition	Specified condition
MUTE – GND	Audio system is sounding	Above 3.5 V

NG → CHECK AND REPLACE RELEVANT SYSTEMS

OK

CHECK AND REPLACE DISC PLAYER CHANGER