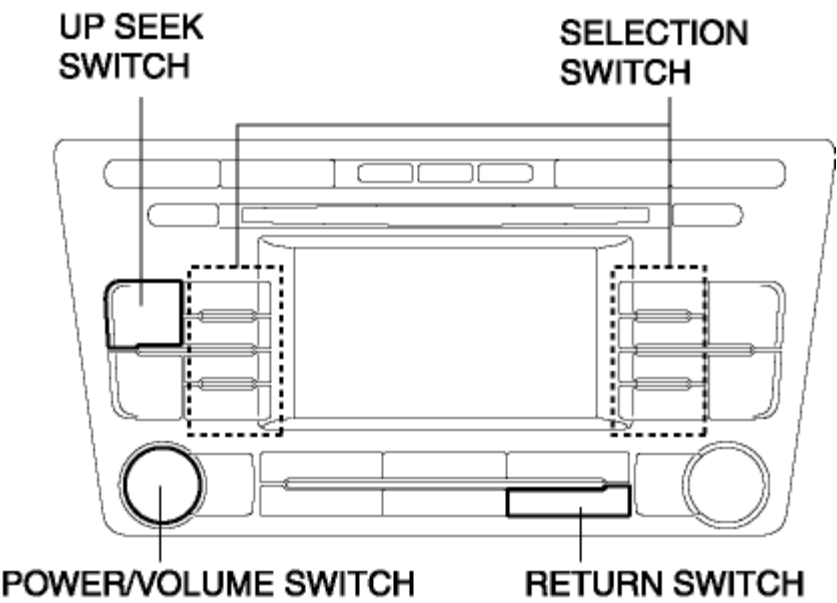


2012 - Mazda6 - Body and Accessories

DIAGNOSTIC ASSIST FUNCTION [AUDIO]

Display Inspection (with display)

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. While pressing the POWER/VOLUME switch, simultaneously press the UP SEEK switch for **0.5 s or more**.



- 4. Inspect according to the following table:

Inspection	Display	Action	
- Launch the display inspection mode. - Press the Selection switches to select the color of the display. NOTE: - Press the RETURN switch to return to the display color	The selected color is displayed on the display.	Yes	The display is normal.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

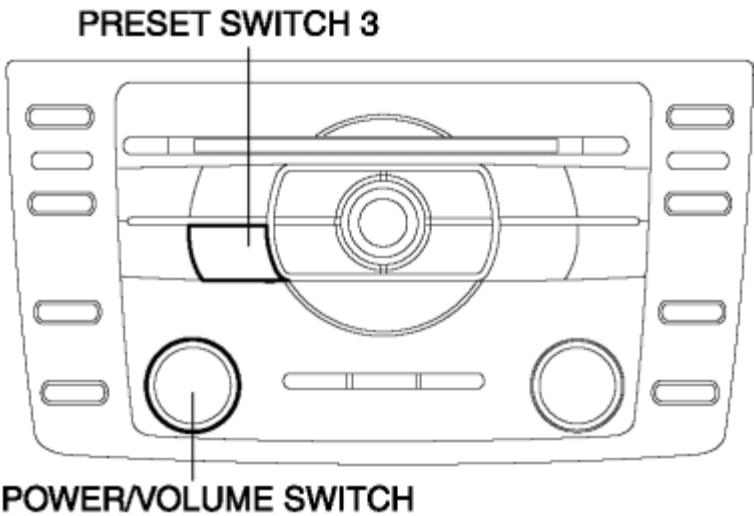
selection screen. • Is the selected color correctly displayed? • Is the display truncated or faint?			
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5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Switch Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the PRESET switch 3 for **0.2 s or more**.



4. Inspect according to the following table:

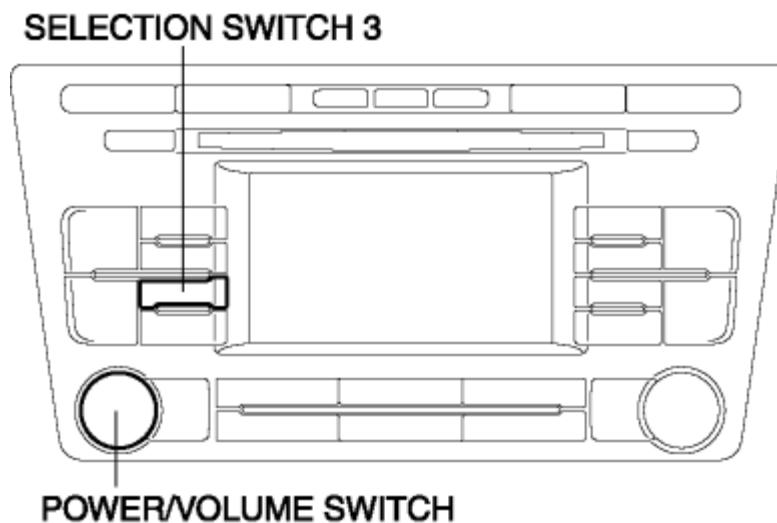
Inspection	Display	Action
• Launch the switch inspection mode. • Operate all of the switches (press).	—	Yes The switch is normal.
		No Verify the switch. (See CONFIRMATION STEP 1: AUDIO PANEL SWITCH CONFIRMATION [ENTIRE AUDIO SYSTEM] .)

- Does the buzzer sound?

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the Selection switch 3 for **0.5 s or more**.



4. Inspect according to the following table:

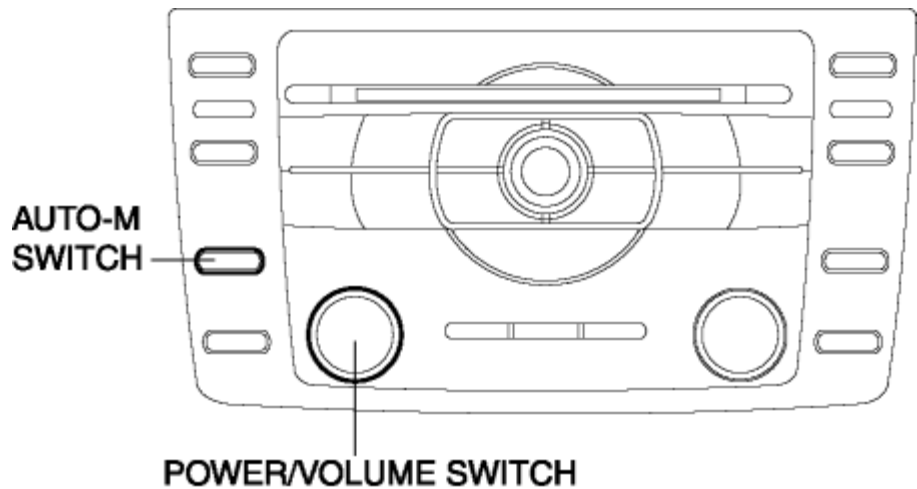
Inspection	Display	Action
• Launch the switch inspection mode. • Operate all of the switches (press). • Does the buzzer sound?	—	YesThe switch is normal.
		No Verify the switch. (See CONFIRMATION STEP 1: AUDIO PANEL SWITCH CONFIRMATION [ENTIRE AUDIO SYSTEM] .)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Speaker Inspection

Without display

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. While pressing the POWER/VOLUME switch, simultaneously press the AUTO-M switch for **0.2 s or more**.



4. Inspect according to the following table:

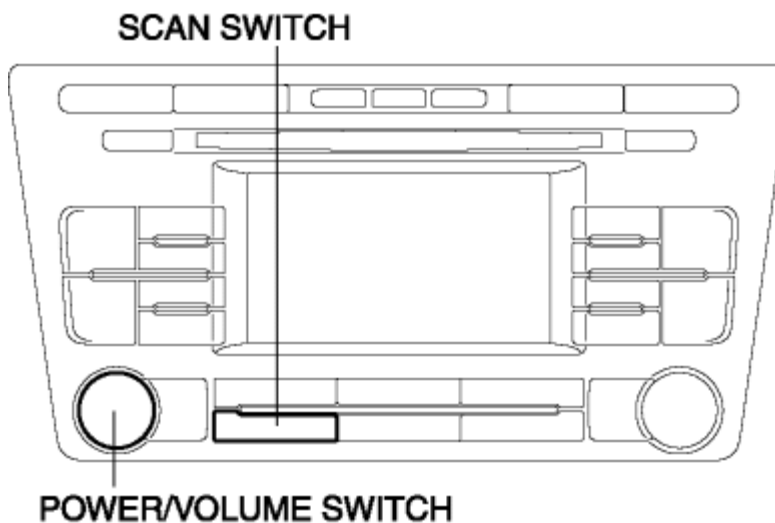
Inspection	Display	Action
• Launch the speaker inspection mode. • Does each speaker output sound in the following order?: Without Bose® 1. Front door speaker (LH) and tweeter (LH) 2. Front door speaker (RH) and tweeter (RH) 3. Rear door speaker (RH) 4. Rear door speaker (LH) With Bose®	Yes	The speakers and the wiring harness between the audio unit and speakers are normal.
		• If no sound is produced from all of the speakers. (See NO.3 NO SOUND FROM ALL SPEAKERS [ENTIRE AUDIO SYSTEM] .) • If no sound is produced from some of the speakers. (See NO.4 NO SOUND FROM SOME SPEAKERS [ENTIRE AUDIO SYSTEM] .)

1. Front door speaker (LH) and tweeter (LH) and front center speaker	—	No	
2. Front door speaker (RH) and tweeter (RH) and front center speaker			
3. Rear door speaker (RH) and rear speaker (RH) and rear center speaker			
4. Rear door speaker (LH) and rear speaker (LH) and rear center speaker			

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the SCAN switch for **0.5 s or more**.



4. Inspect according to the following table:

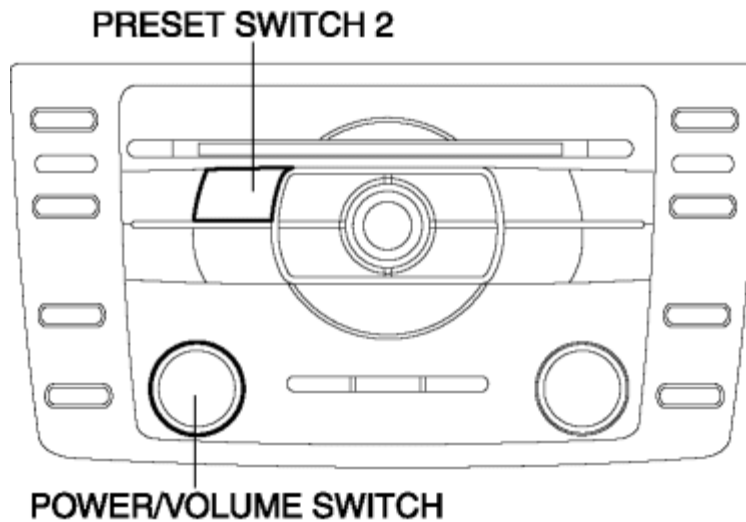
Inspection	Display	Action
• Launch the speaker inspection mode. • Does each speaker output sound in the following order?: ▪ Front door speaker (LH) and tweeter (LH) and front center speaker ▪ Front door speaker (RH) and tweeter (RH) and front center speaker ▪ Rear door speaker (RH) and rear speaker (RH) and rear center speaker ▪ Rear door speaker (LH) and rear speaker (LH) and rear center speaker	—	The speakers and the wiring harness between the audio unit and speakers are normal.
		No • If no sound is produced from all of the speakers. (See NO.3 NO SOUND FROM ALL SPEAKERS [ENTIRE AUDIO SYSTEM] .) • If no sound is produced from some of the speakers. (See NO.4 NO SOUND FROM SOME SPEAKERS [ENTIRE AUDIO SYSTEM] .)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Radio Reception Condition Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. Tune in the radio.
4. While pressing the POWER/VOLUME switch, simultaneously press the PRESET switch 2 for **0.2 s or more**.



5. Inspect according to the following table:

CAUTION:

- Even if the system is normal, radio reception may be difficult depending on where the system is inspected (indoors/outdoors, or conditions at the location). Before inspecting the system, verify that radio reception is adequate.
- When performing the inspection, select the best area for receiving radio frequencies.

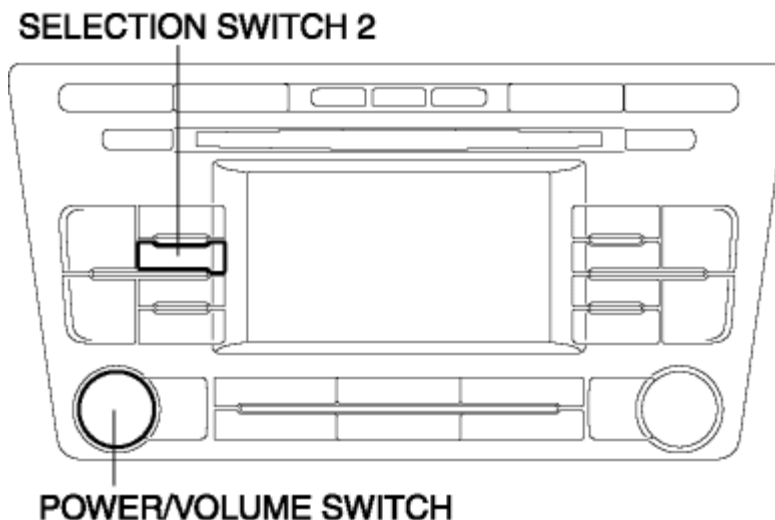
Inspection	Display	Action
Launch the radio reception condition inspection mode.	LEV 10 — LEV 5	Glass antenna, antenna feeder and audio unit are normal.
	LEV 4 — LEV 3	Change frequencies and re-perform the inspection.
	LEV 2	• Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.) (See ANTENNA FEEDER NO.2 INSPECTION.) (See ANTENNA FEEDER NO.3 INSPECTION.) • If either the glass antenna or the antenna feeder is not normal, replace the malfunctioning part.

	— LEV 0	(See ANTENNA AMPLIFIER REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.1 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.2 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.3 REMOVAL/ INSTALLATION.) • If the glass antenna and antenna feeder are normal, replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)
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6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. Tune in the radio.
4. While pressing the POWER/VOLUME switch, simultaneously press the Selection switch 2 for **0.5 s or more**.



5. Inspect according to the following table:

CAUTION:

- Even if the system is normal, radio reception may be difficult depending on where the system is inspected (indoors/outdoors, or conditions at the location). Before inspecting the system, verify that radio reception is adequate.

- When performing the inspection, select the best area for receiving radio frequencies.

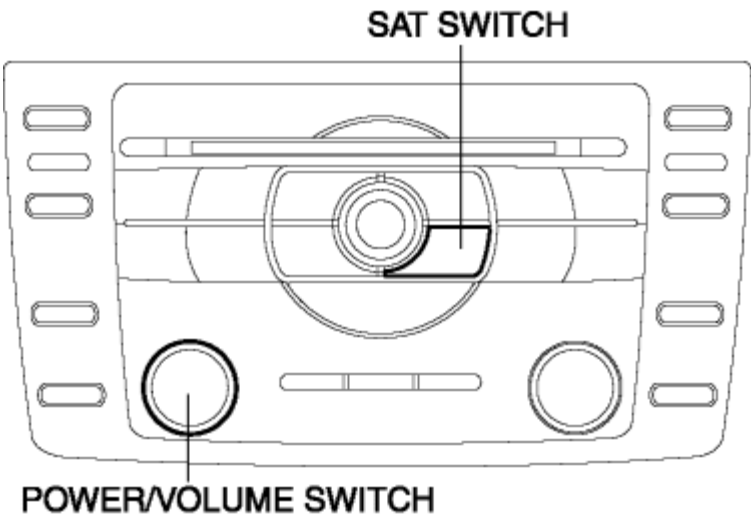
Inspection	Display	Action
Launch the radio reception condition inspection mode.	Level 10 — Level 5	Glass antenna, antenna feeder and audio unit are normal.
	Level 4 — Level 3	Change frequencies and re-perform the inspection.
	Level 2 — Level 0	• Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.) (See ANTENNA FEEDER NO.2 INSPECTION.) (See ANTENNA FEEDER NO.3 INSPECTION.) • If either the glass antenna or the antenna feeder is not normal, replace the malfunctioning part. (See ANTENNA AMPLIFIER REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.1 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.2 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.3 REMOVAL/ INSTALLATION.) • If the glass antenna and antenna feeder are normal, replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Antenna Control Condition Inspection

Without display

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. Tune in the radio.
- 4. While pressing the POWER/VOLUME switch, simultaneously press the SAT switch for **0.2 s or more**.



5. Inspect according to the following table:

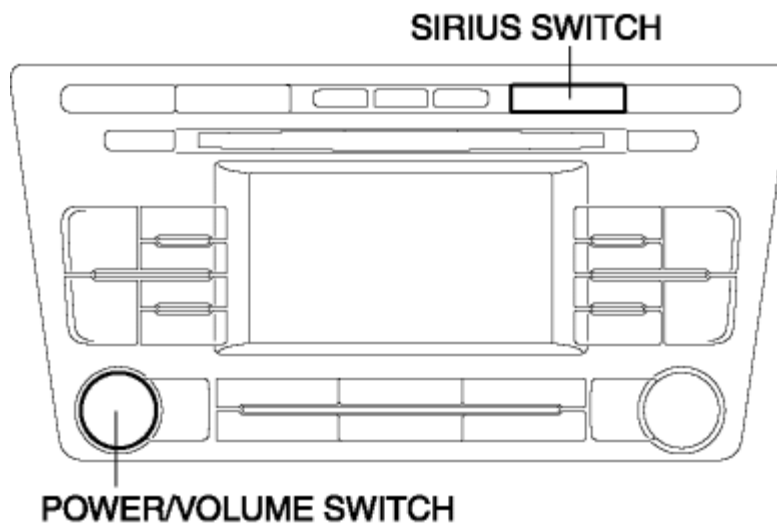
Inspection	Display	Action	
Launch the antenna control condition inspection mode.		Sound quality good.	System is okay.
	ANT— ON	Sound quality poor.	Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.) (See ANTENNA FEEDER NO.2 INSPECTION.) (See ANTENNA FEEDER NO.3 INSPECTION.)
	ANT—	Replace the audio unit.	

OFF (See [AUDIO UNIT REMOVAL/ INSTALLATION.](#))

6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. Tune in the radio.
4. While pressing the POWER/VOLUME switch, simultaneously press the SIRIUS switch for **0.5 s or more**.



5. Inspect according to the following table:

Inspection	Display	Action	
Start antenna control condition inspection mode.		Sound quality good.	System is okay.
	Antenna —ON	Sound quality poor.	• Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.)

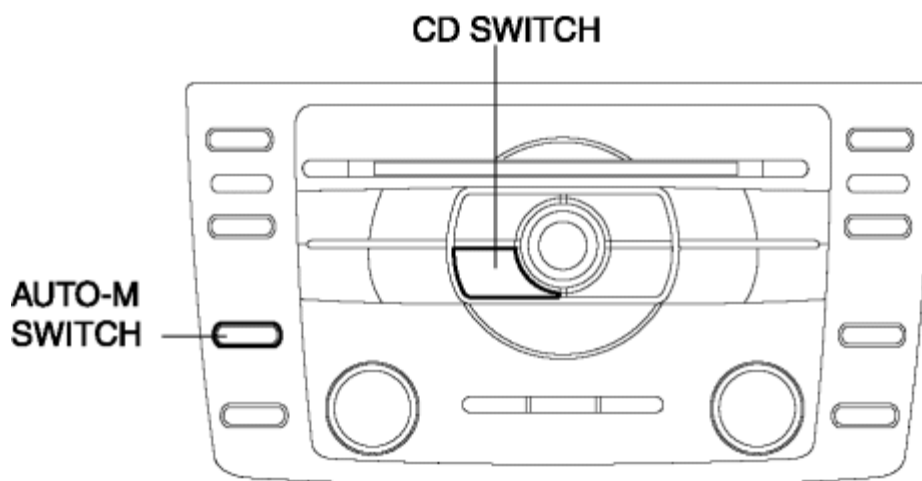
			(See ANTENNA FEEDER NO.2 INSPECTION .)
			(See ANTENNA FEEDER NO.3 INSPECTION .)
	Antenna —OFF	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION .)	

6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Audio Amplifier Control Condition Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the AUTO-M switch, simultaneously press the CD switch for **0.2 s or more**.



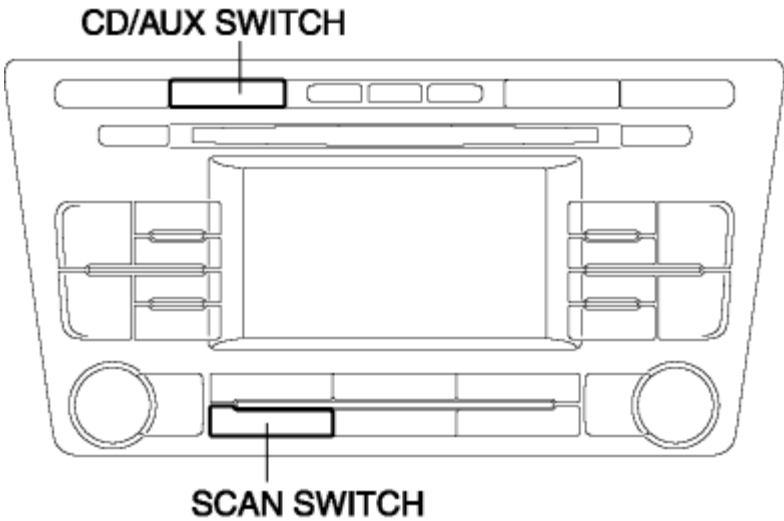
4. Inspect according to the following table:

Inspection	Display	Action
Launch the audio amplifier control condition inspection mode.	AMP— ON	System is okay.
	AMP— OFF	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION .)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. While pressing the SCAN switch, simultaneously press the CD/AUX switch for **3 s or more**.



4. Inspect according to the following table:

Inspection	Display	Action
Launch the audio amplifier control condition inspection mode.	AMP— ON	System is okay.
	AMP— OFF	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION .)

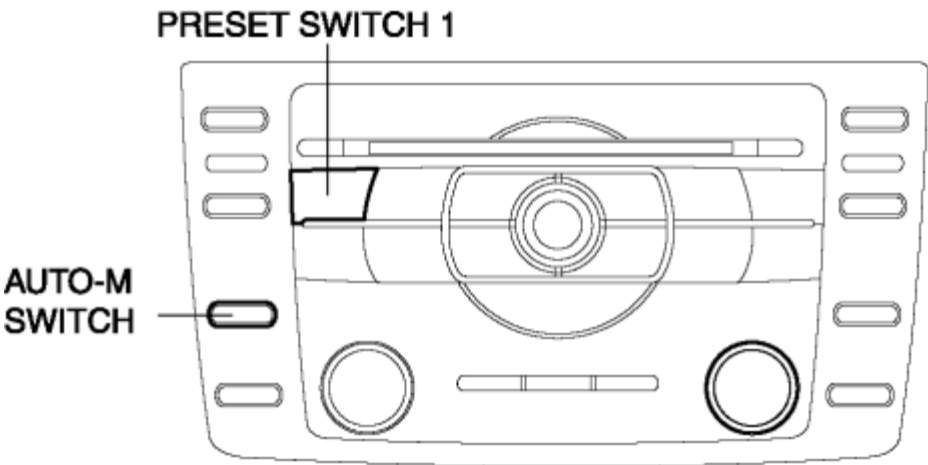
5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Dial Inspection

Without display

- 1. Switch the ignition to ACC or ON.

2. Turn the audio unit power to ON.
3. While pressing the AUTO-M switch, simultaneously press the PRESET switch 1 for **2 s or more**.



4. Inspect according to the following table:

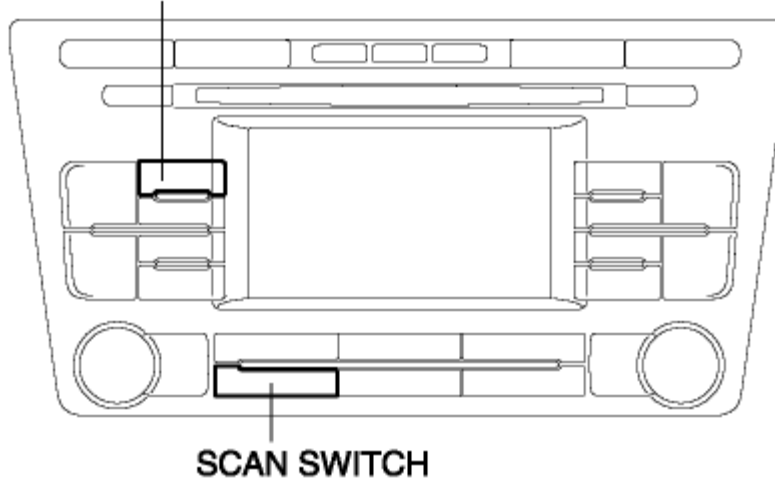
Inspection	Display		Action
• Launch the dial inspection mode. • Operate all of the dial. • Does the dial rotation direction correspond with the direction displayed in information display?	→ ←	Yes	Dial is okay.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the SCAN switch, simultaneously press the Selection switch 1 for **3 s or more**.

SELECTION SWITCH 1



4. Inspect according to the following table:

Inspection	Display	Action
• Launch the dial inspection mode. • Operate all of the dial. • Does the dial rotation direction correspond with the direction displayed in information display?	→	Yes Dial is okay.
	←	No (See AUDIO UNIT REMOVAL/ INSTALLATION.)

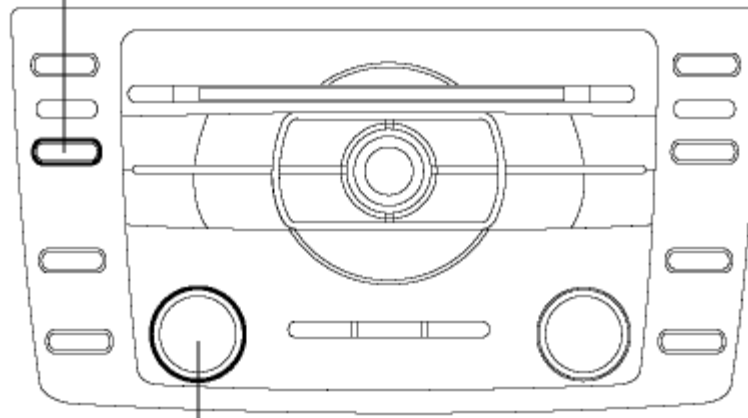
5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Audio Amplifier Specification Inspection

Without display

1. Switch the ignition to ACC or ON.
2. While pressing the POWER/VOLUME switch, simultaneously press the DOWN SEEK switch for **2 s or more.**

DOWN SEEK SWITCH



POWER/VOLUME SWITCH

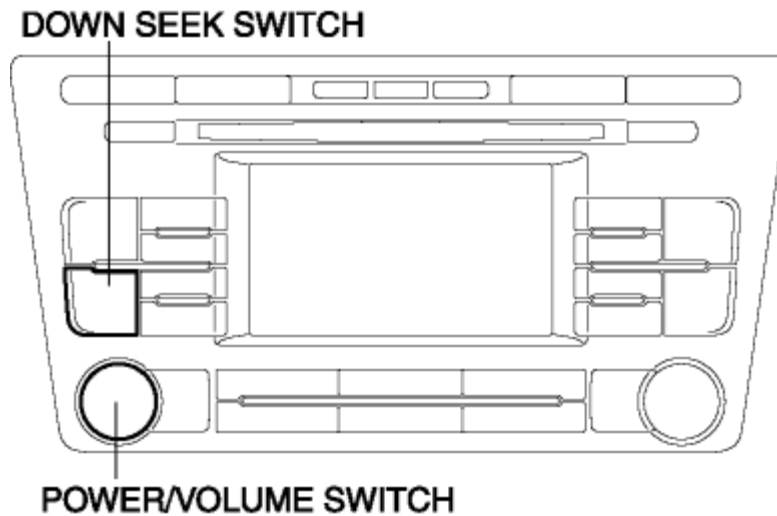
3. Inspect according to the following table:

Inspection	Display	Action	
- Launch audio amplifier specification inspection mode. - Verify the audio amplifier specification. - Dose the audio amplifier specification correspond.	Without Bose® - N (Normal) With Bose® - L (Line out)	Yes	System is okay.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

4. To stop the diagnostic assist function, ignition is switched to off.

With display

1. Switch the ignition to ACC or ON.
2. While pressing the POWER/VOLUME switch, simultaneously press the DOWN SEEK switch for **3 s or more**.



3. Inspect according to the following table:

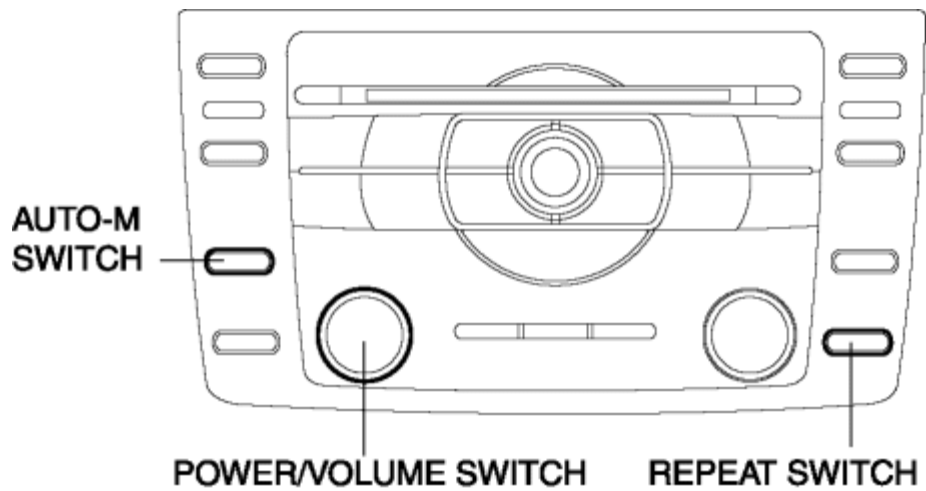
Inspection	Display	Action	
- Launch audio amplifier specification inspection mode. - Verify the audio amplifier specification. - Dose the audio amplifier specification correspond.	Without Bose® - Normal With Bose® - Line Out	Yes	System is okay.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

4. To stop the diagnostic assist function, ignition is switched to off.

Audio Amplifier (With Bose®) Identify Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the REPEAT switch and AUTO-M switch for **2 s or more**.



4. Inspect according to the following table:

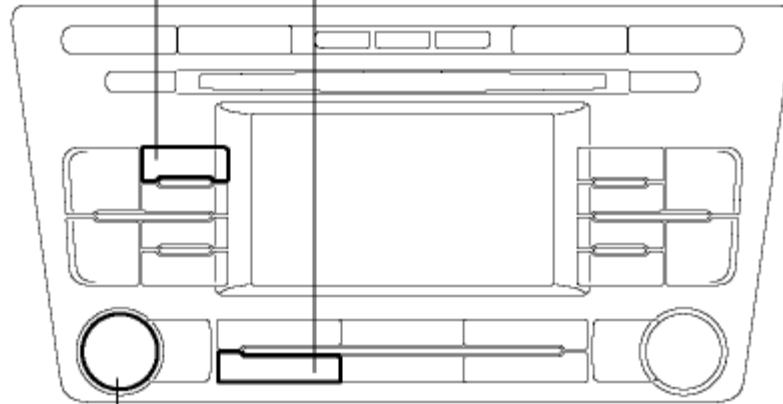
INSPECTION	—	ACTION	
- Launch audio amplifier (With Bose®) identify inspection mode. - Dose the audio amplifier specification correspond.	With normal seat The front door speaker sounds.	Yes	Audio amplifier is okay.
	With leather seat The rear door speaker sounds.	No	Replace the audio amplifier. (See AUDIO AMPLIFIER REMOVAL/ INSTALLATION.)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the Selection switch 1 and SCAN switch for **3 s or more**.

SELECTION SWITCH 1 SCAN SWITCH



POWER/VOLUME SWITCH

4. Inspect according to the following table:

INSPECTION	—	ACTION	
- Launch audio amplifier (With Bose®) identify inspection mode. - Dose the audio amplifier specification correspond.	With normal seat The front door speaker sounds.	Yes	Audio amplifier is okay.
	With leather seat The rear door speaker sounds.	No	Replace the audio amplifier. (See AUDIO AMPLIFIER REMOVAL/ INSTALLATION.)

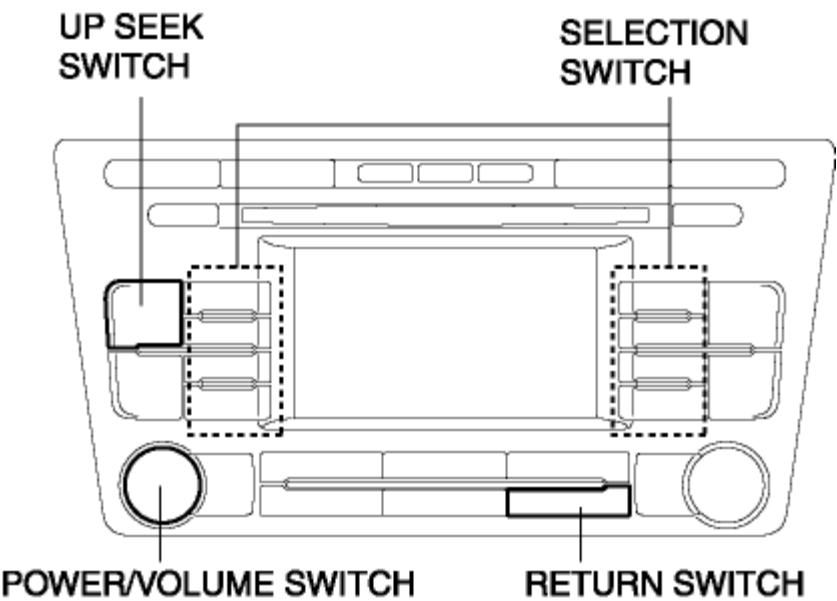
5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

2012 - Mazda6 - Body and Accessories

DIAGNOSTIC ASSIST FUNCTION [AUDIO]

Display Inspection (with display)

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. While pressing the POWER/VOLUME switch, simultaneously press the UP SEEK switch for **0.5 s or more**.



4. Inspect according to the following table:

Inspection	Display	Action	
- Launch the display inspection mode. - Press the Selection switches to select the color of the display. NOTE: - Press the RETURN switch to return to the display color	The selected color is displayed on the display.	Yes	The display is normal.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

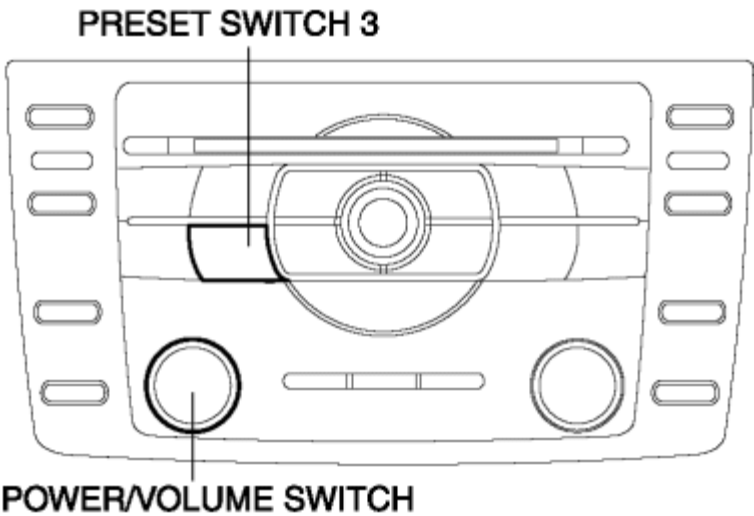
selection screen. • Is the selected color correctly displayed? • Is the display truncated or faint?			
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5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Switch Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the PRESET switch 3 for **0.2 s or more**.



4. Inspect according to the following table:

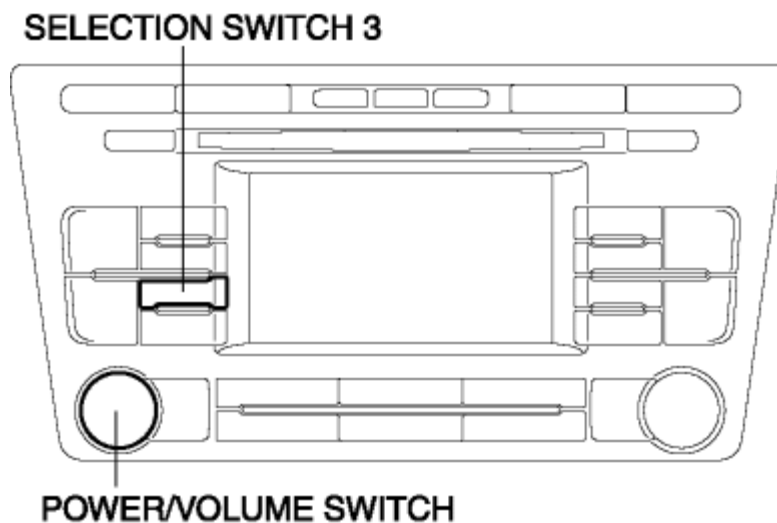
Inspection	Display	Action
• Launch the switch inspection mode. • Operate all of the switches (press).	—	YesThe switch is normal.
		Verify the switch. (See CONFIRMATION STEP 1: AUDIO PANEL SWITCH CONFIRMATION [ENTIRE AUDIO SYSTEM] .)
	No	

- Does the buzzer sound?

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the Selection switch 3 for **0.5 s or more**.



4. Inspect according to the following table:

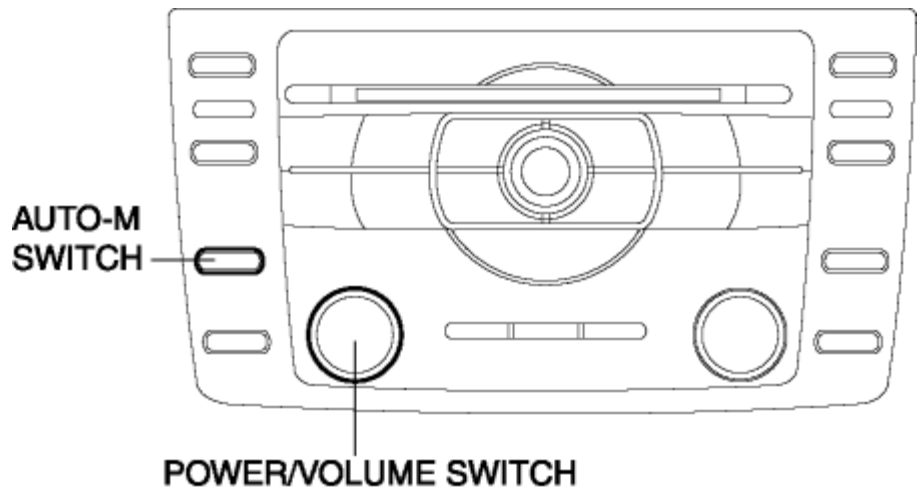
Inspection	Display	Action
• Launch the switch inspection mode. • Operate all of the switches (press). • Does the buzzer sound?	—	YesThe switch is normal.
		No Verify the switch. (See CONFIRMATION STEP 1: AUDIO PANEL SWITCH CONFIRMATION [ENTIRE AUDIO SYSTEM] .)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Speaker Inspection

Without display

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. While pressing the POWER/VOLUME switch, simultaneously press the AUTO-M switch for **0.2 s or more**.



4. Inspect according to the following table:

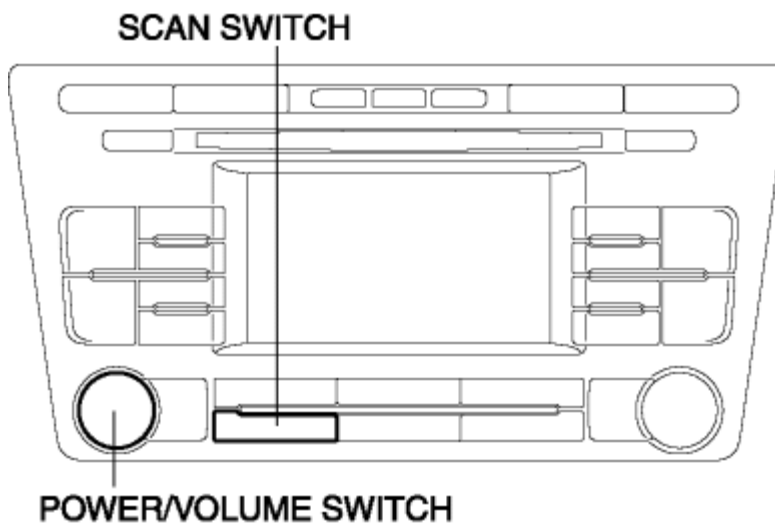
Inspection	Display	Action
• Launch the speaker inspection mode. • Does each speaker output sound in the following order?: Without Bose® 1. Front door speaker (LH) and tweeter (LH) 2. Front door speaker (RH) and tweeter (RH) 3. Rear door speaker (RH) 4. Rear door speaker (LH) With Bose®	Yes	The speakers and the wiring harness between the audio unit and speakers are normal.
		• If no sound is produced from all of the speakers. (See NO.3 NO SOUND FROM ALL SPEAKERS [ENTIRE AUDIO SYSTEM] .) • If no sound is produced from some of the speakers. (See NO.4 NO SOUND FROM SOME SPEAKERS [ENTIRE AUDIO SYSTEM] .)

1. Front door speaker (LH) and tweeter (LH) and front center speaker	—	No	
2. Front door speaker (RH) and tweeter (RH) and front center speaker			
3. Rear door speaker (RH) and rear speaker (RH) and rear center speaker			
4. Rear door speaker (LH) and rear speaker (LH) and rear center speaker			

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the SCAN switch for **0.5 s or more**.



4. Inspect according to the following table:

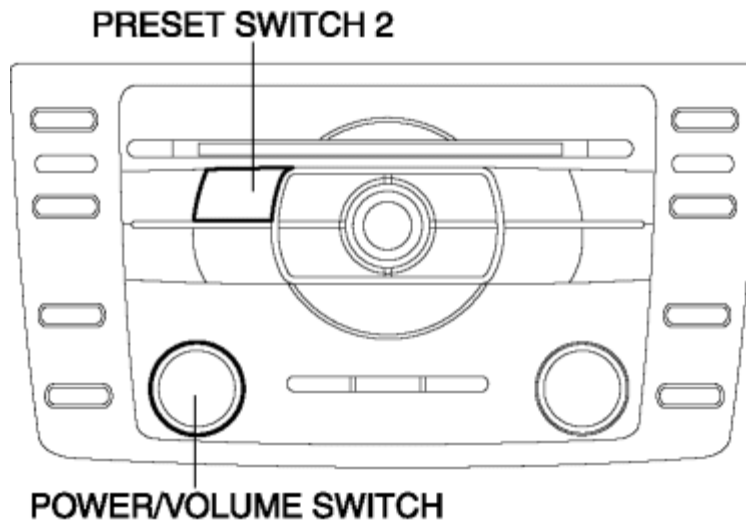
Inspection	Display	Action
• Launch the speaker inspection mode. • Does each speaker output sound in the following order?: ▪ Front door speaker (LH) and tweeter (LH) and front center speaker ▪ Front door speaker (RH) and tweeter (RH) and front center speaker ▪ Rear door speaker (RH) and rear speaker (RH) and rear center speaker ▪ Rear door speaker (LH) and rear speaker (LH) and rear center speaker	—	Yes The speakers and the wiring harness between the audio unit and speakers are normal.
		No • If no sound is produced from all of the speakers. (See NO.3 NO SOUND FROM ALL SPEAKERS [ENTIRE AUDIO SYSTEM] .)) • If no sound is produced from some of the speakers. (See NO.4 NO SOUND FROM SOME SPEAKERS [ENTIRE AUDIO SYSTEM] .))

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Radio Reception Condition Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. Tune in the radio.
4. While pressing the POWER/VOLUME switch, simultaneously press the PRESET switch 2 for **0.2 s or more**.



5. Inspect according to the following table:

CAUTION:

- Even if the system is normal, radio reception may be difficult depending on where the system is inspected (indoors/outdoors, or conditions at the location). Before inspecting the system, verify that radio reception is adequate.
- When performing the inspection, select the best area for receiving radio frequencies.

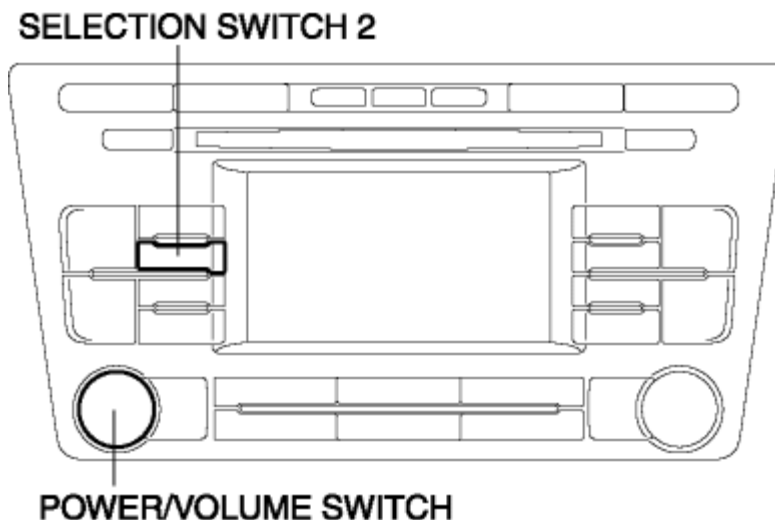
Inspection	Display	Action
Launch the radio reception condition inspection mode.	LEV 10 — LEV 5	Glass antenna, antenna feeder and audio unit are normal.
	LEV 4 — LEV 3	Change frequencies and re-perform the inspection.
	LEV 2	• Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.) (See ANTENNA FEEDER NO.2 INSPECTION.) (See ANTENNA FEEDER NO.3 INSPECTION.) • If either the glass antenna or the antenna feeder is not normal, replace the malfunctioning part.

	— LEV 0	(See ANTENNA AMPLIFIER REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.1 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.2 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.3 REMOVAL/ INSTALLATION.) • If the glass antenna and antenna feeder are normal, replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)
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6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. Tune in the radio.
4. While pressing the POWER/VOLUME switch, simultaneously press the Selection switch 2 for **0.5 s or more**.



5. Inspect according to the following table:

CAUTION:

- Even if the system is normal, radio reception may be difficult depending on where the system is inspected (indoors/outdoors, or conditions at the location). Before inspecting the system, verify that radio reception is adequate.

- When performing the inspection, select the best area for receiving radio frequencies.

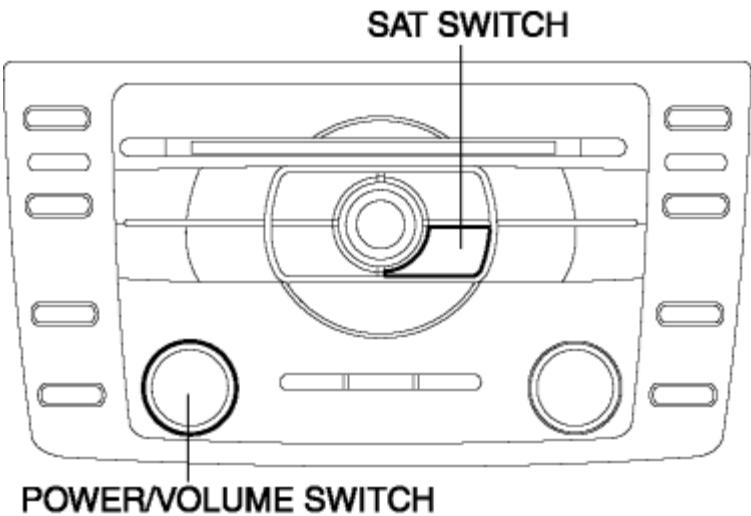
Inspection	Display	Action
Launch the radio reception condition inspection mode.	Level 10 — Level 5	Glass antenna, antenna feeder and audio unit are normal.
	Level 4 — Level 3	Change frequencies and re-perform the inspection.
	Level 2 — Level 0	• Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.) (See ANTENNA FEEDER NO.2 INSPECTION.) (See ANTENNA FEEDER NO.3 INSPECTION.) • If either the glass antenna or the antenna feeder is not normal, replace the malfunctioning part. (See ANTENNA AMPLIFIER REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.1 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.2 REMOVAL/ INSTALLATION.) (See ANTENNA FEEDER NO.3 REMOVAL/ INSTALLATION.) • If the glass antenna and antenna feeder are normal, replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Antenna Control Condition Inspection

Without display

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. Tune in the radio.
- 4. While pressing the POWER/VOLUME switch, simultaneously press the SAT switch for **0.2 s or more**.



5. Inspect according to the following table:

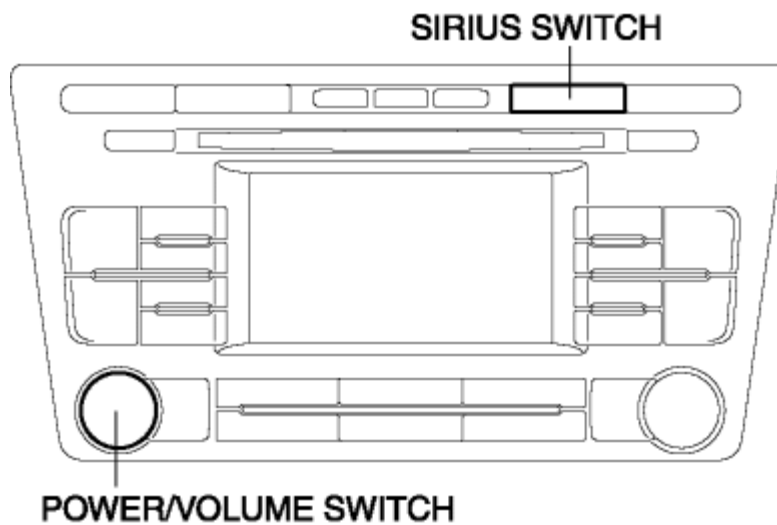
Inspection	Display	Action	
Launch the antenna control condition inspection mode.		Sound quality good.	System is okay.
	ANT—ON	Sound quality poor.	Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.) (See ANTENNA FEEDER NO.2 INSPECTION.) (See ANTENNA FEEDER NO.3 INSPECTION.)
	ANT—	Replace the audio unit.	

OFF (See [AUDIO UNIT REMOVAL/ INSTALLATION.](#))

6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. Tune in the radio.
4. While pressing the POWER/VOLUME switch, simultaneously press the SIRIUS switch for **0.5 s or more**.



5. Inspect according to the following table:

Inspection	Display	Action	
Start antenna control condition inspection mode.		Sound quality good.	System is okay.
	Antenna —ON	Sound quality poor.	• Inspect the glass antenna and antenna amplifier and antenna feeder. (See GLASS ANTENNA INSPECTION.) (See ANTENNA AMPLIFIER INSPECTION.) (See ANTENNA FEEDER NO.1 INSPECTION.)

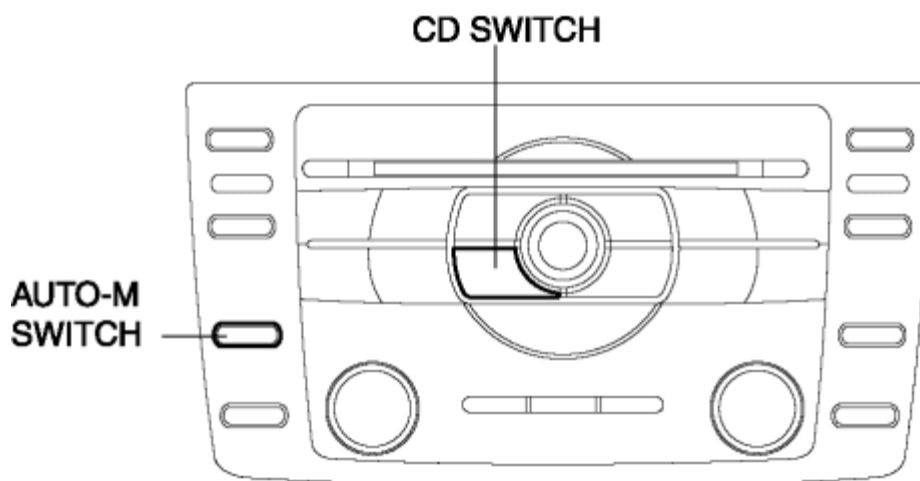
			(See ANTENNA FEEDER NO.2 INSPECTION .)
			(See ANTENNA FEEDER NO.3 INSPECTION .)
	Antenna —OFF	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION .)	

6. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Audio Amplifier Control Condition Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the AUTO-M switch, simultaneously press the CD switch for **0.2 s or more**.



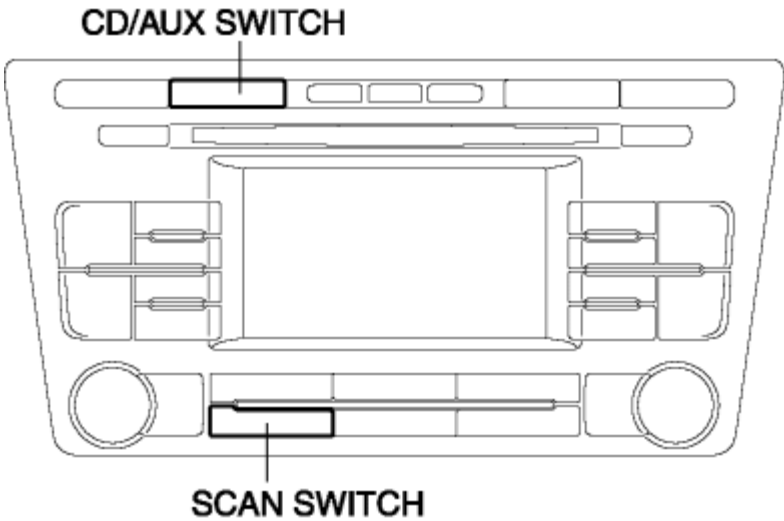
4. Inspect according to the following table:

Inspection	Display	Action
Launch the audio amplifier control condition inspection mode.	AMP— ON	System is okay.
	AMP— OFF	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION .)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

- 1. Switch the ignition to ACC or ON.
- 2. Turn the audio unit power to ON.
- 3. While pressing the SCAN switch, simultaneously press the CD/AUX switch for **3 s or more**.



4. Inspect according to the following table:

Inspection	Display	Action
Launch the audio amplifier control condition inspection mode.	AMP— ON	System is okay.
	AMP— OFF	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION .)

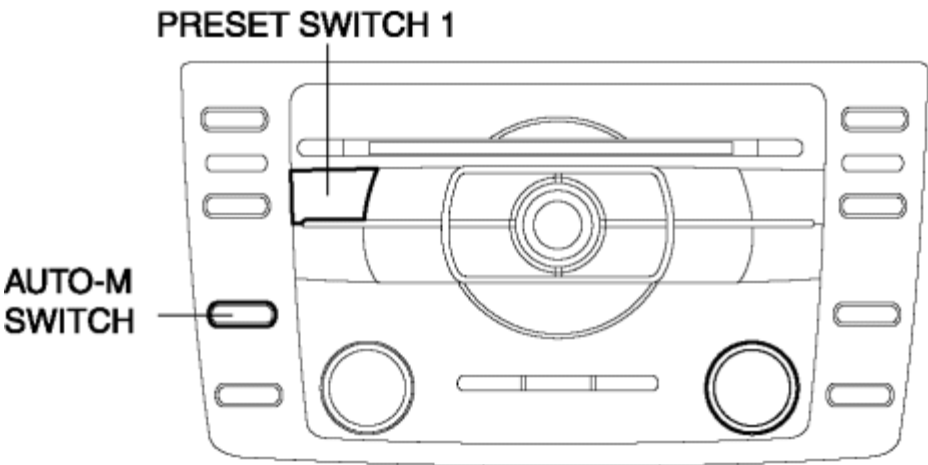
5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Dial Inspection

Without display

- 1. Switch the ignition to ACC or ON.

2. Turn the audio unit power to ON.
3. While pressing the AUTO-M switch, simultaneously press the PRESET switch 1 for **2 s or more**.



4. Inspect according to the following table:

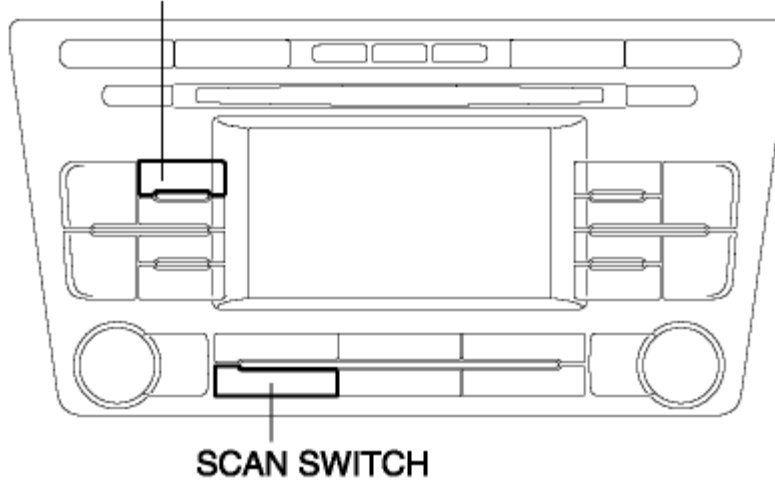
Inspection	Display	Action
• Launch the dial inspection mode. • Operate all of the dial. • Does the dial rotation direction correspond with the direction displayed in information display?	→	YesDial is okay.
	←	No (See AUDIO UNIT REMOVAL/ INSTALLATION.)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the SCAN switch, simultaneously press the Selection switch 1 for **3 s or more**.

SELECTION SWITCH 1



4. Inspect according to the following table:

Inspection	Display	Action
• Launch the dial inspection mode. • Operate all of the dial. • Does the dial rotation direction correspond with the direction displayed in information display?	→	Yes Dial is okay.
	←	No (See AUDIO UNIT REMOVAL/ INSTALLATION.)

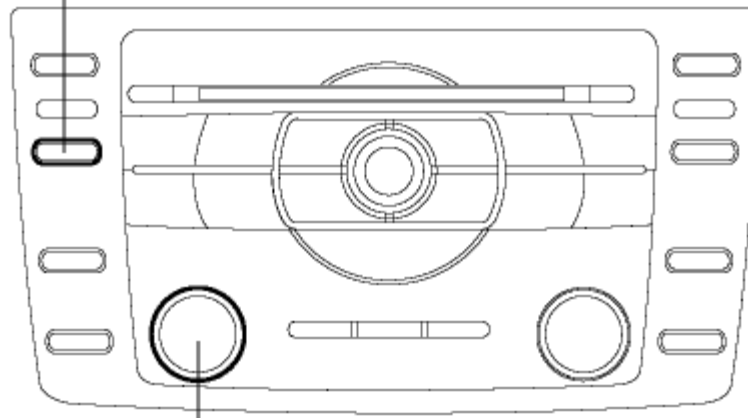
5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

Audio Amplifier Specification Inspection

Without display

1. Switch the ignition to ACC or ON.
2. While pressing the POWER/VOLUME switch, simultaneously press the DOWN SEEK switch for **2 s or more.**

DOWN SEEK SWITCH



POWER/VOLUME SWITCH

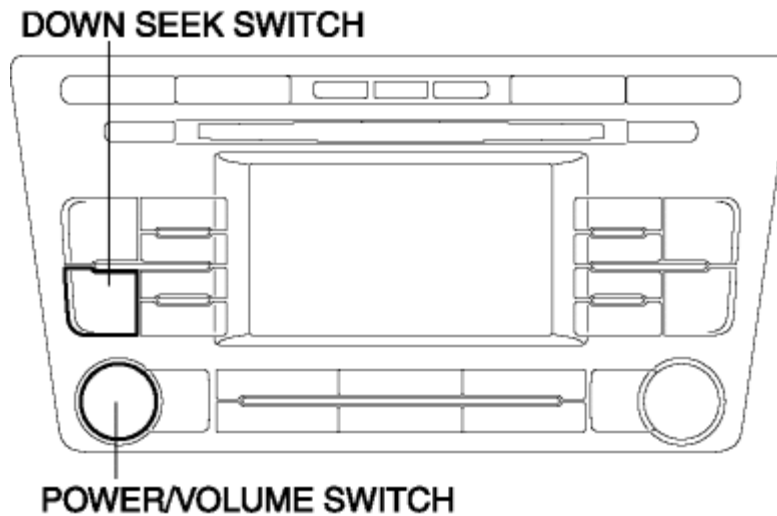
3. Inspect according to the following table:

Inspection	Display	Action	
- Launch audio amplifier specification inspection mode. - Verify the audio amplifier specification. - Dose the audio amplifier specification correspond.	Without Bose® - N (Normal) With Bose® - L (Line out)	Yes	System is okay.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

4. To stop the diagnostic assist function, ignition is switched to off.

With display

1. Switch the ignition to ACC or ON.
2. While pressing the POWER/VOLUME switch, simultaneously press the DOWN SEEK switch for **3 s or more**.



3. Inspect according to the following table:

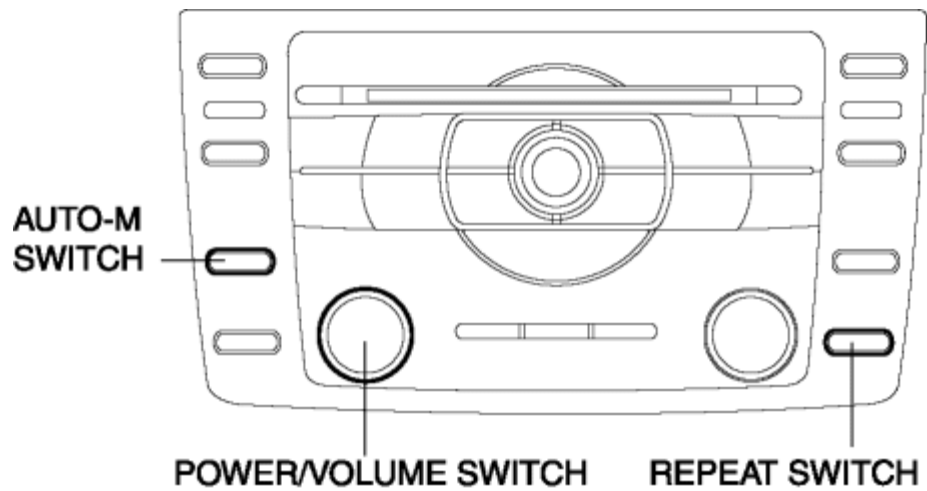
Inspection	Display	Action	
- Launch audio amplifier specification inspection mode. - Verify the audio amplifier specification. - Dose the audio amplifier specification correspond.	Without Bose® - Normal With Bose® - Line Out	Yes	System is okay.
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

4. To stop the diagnostic assist function, ignition is switched to off.

Audio Amplifier (With Bose®) Identify Inspection

Without display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the REPEAT switch and AUTO-M switch for **2 s or more**.



4. Inspect according to the following table:

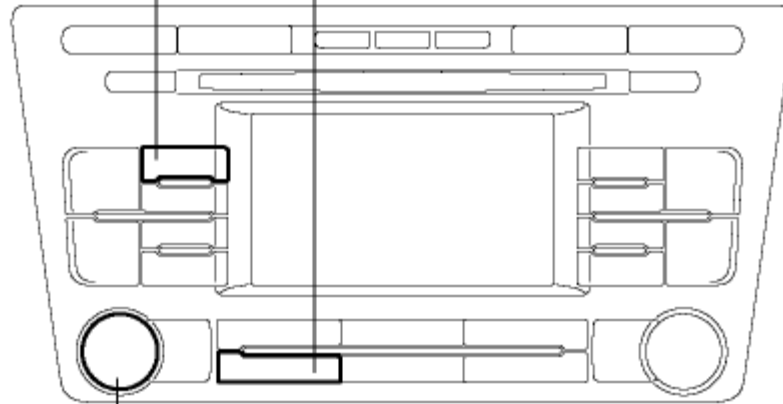
INSPECTION	—	ACTION	
- Launch audio amplifier (With Bose®) identify inspection mode. - Dose the audio amplifier specification correspond.	With normal seat The front door speaker sounds.	Yes	Audio amplifier is okay.
	With leather seat The rear door speaker sounds.	No	Replace the audio amplifier. (See AUDIO AMPLIFIER REMOVAL/ INSTALLATION.)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.

With display

1. Switch the ignition to ACC or ON.
2. Turn the audio unit power to ON.
3. While pressing the POWER/VOLUME switch, simultaneously press the Selection switch 1 and SCAN switch for **3 s or more**.

SELECTION SWITCH 1 SCAN SWITCH



POWER/VOLUME SWITCH

4. Inspect according to the following table:

INSPECTION	—	ACTION	
- Launch audio amplifier (With Bose®) identify inspection mode. - Dose the audio amplifier specification correspond.	With normal seat The front door speaker sounds.	Yes	Audio amplifier is okay.
	With leather seat The rear door speaker sounds.	No	Replace the audio amplifier. (See AUDIO AMPLIFIER REMOVAL/ INSTALLATION.)

5. To stop the diagnostic assist function by either turning off the audio unit power or by switch the ignition to off.