

Subject: CERTAIN SATELLITE RADIO STATION PRESETS MAY BE ERASED AND CANNOT BE RESET	Bulletin No: 09-009/09
	Last Issued: 07/24/2009

BULLETIN NOTE

- This bulletin supersedes the previous bulletin issued on 02/16/09. The REPAIR PROCEDURE has been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

2008-2009 Mazda3 vehicles with VINs JM1BK****81 100556 - 187329 and JM1BK****91 187560 - 251100 (produced January 8, 2008 - November 1, 2008)

2008-2009 Mazda5 vehicles (single CD player only) with VINs JM1 CR**** ** 162976 - 349669 (produced October 1, 2007 - November 10, 2008)

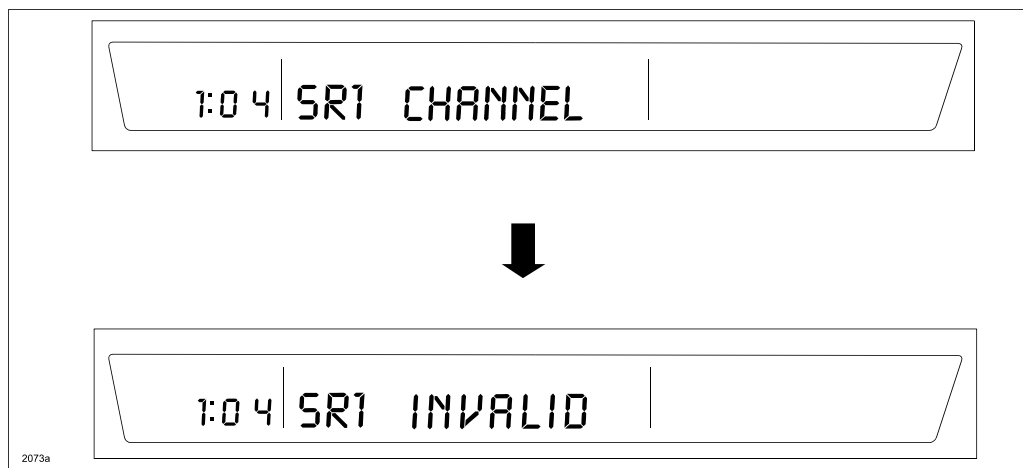
2009 CX-9 vehicles with VINs JM3TB****90 164276 - 170097 (produced July 1, 2008 - November 5, 2008)

2009 CX-7 vehicles with VINs JM3ER29**90 215760 - 232686 (produced May 6, 2008 - November 5, 2008)

2009 RX-8 vehicles with VINs JM1FE17**90 400031 - 402859 (produced March 11, 2008 - November 6, 2008)

DESCRIPTION

Some customers may experience that their radio station presets of certain satellite radio stations may be erased and cannot be reset. This happens after the Sirius receiver has completed receiving a new firmware version automatically from the Sirius satellite (over-the-air firmware update) or if the Sirius receiver is turned off while the channel map is being updated. When the customer goes to press a preset button, "INVALID" will be displayed as shown in the information display. The problem is an inappropriate design in the audio unit software which has now been changed.

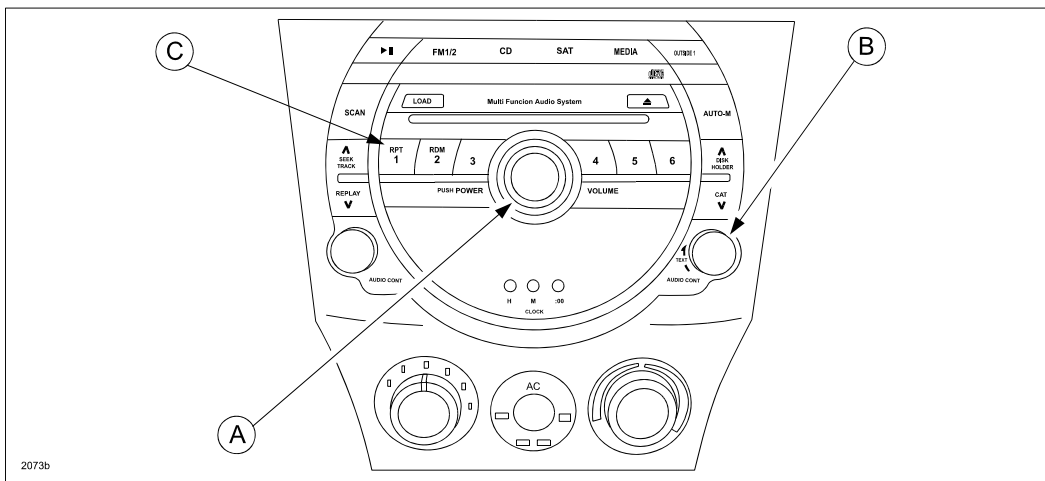


Customers having this concern should have their vehicle's audio unit reprogrammed to the latest version using the following repair procedure and an Audio Unit Software Programming Tool (P/N 1479-06-99).

NOTE: One Audio Unit Software Programming Tool will be shipped to dealers free of charge the week of 2/16/09. Additional Audio Unit Software Programming Tools can be purchased through MStore.

REPAIR PROCEDURE

1. Verify customer concern.
2. Turn the ignition to ACC position.
3. After turning the audio unit on using Power ON (A), push and hold the AUDIO CONT button (B), then press the Preset 1 button (C) as shown in the sample. This procedure is the same for all applicable models to confirm software version.



NOTE: RX-8 is shown; other models are different.

4. Confirm the software version is indicated in the display, and write it down. Then refer to the table to see if the software version of the concerned audio unit is before or after the reprogramming. If it is not updated, then perform the reprogramming according to the following procedures for the specific vehicle model.

TABLE 1: SOFTWARE VERSION AND SOFTWARE NUMBER

Model	Audio	Part Number	Software Version		Software Number
			Before reprogram	After reprogram	
Mazda3 (BK)	MP3CD-R/ with DIS	BAR8 66 9R0B BAR5 66 9R0A	1.0XM3Su	1.02M3Su	1
	MP3CD-R/ without DIS	BAR7 66 9R0B BAR4 66 9R0A	1.0XD3Su	1.02D3Su	2
	MP3CDCH-R/ with DIS	BAS2 66 9RXB BAS4 66 9RXA	1.0XM3Cu	1.02M3Cu	3
	MP3CDCH-R/ without DIS	BAS1 66 9RXB BAR9 66 9RXA	1.0XD3Cu	1.02D3Cu	4
Mazda5 (CR)	CD-R	CD84 66 9R0 CE49 66 9R0	1.0XL00cs u	1.02L00cs u	5
CX-7	MP3CD-R	EG67 66 9R0A	1.0XM3Su	1.01M3Su	6
	MP3CDCH-R	EG68 66 9R0A	1.0XM3Cu	1.01M3Cu	7
CX-9	MP3CD-R	TE91 66 9R0B TE92 66 9R0B	1.0XC9Su	1.01C9Su	8
	MP3CDCH-R	TE93 66 9RXB	1.0XC9Cu	1.02C9Cu	9
RX-8	CD-R	FF14 66 DSXB	1.0XL00cs u	1.06L00cs u	10
	CDCH-R	FF16 66 DSXB FF17 66 DSXB FF19 66 DSXB	1.0XL00cc u	1.06L00cc u	11
	MP3CDCH-R	FF20 66 DSXB FF21 66 DSXB	1.0XL00mc u	1.06L00mc u	12

NOTE: "X" denotes any number.

5. Remove the knob(s) and connect the Audio Unit Software Programming Tool connectors (P/N 1479-06-99) to the audio unit.

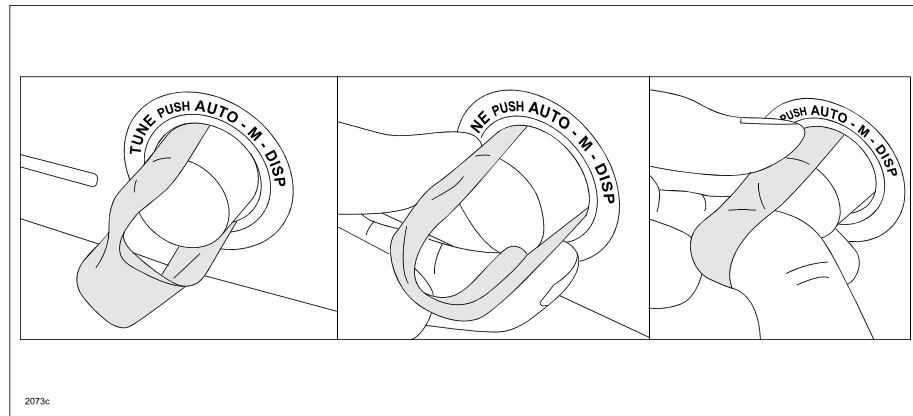
NOTE: The connection procedure varies depending on model. Please be sure to see the following pages for the varies models.

TABLE 2: AUDIO UNIT SOFTWARE PROGRAMMING TOOL CONNECTION PROCEDURE

Mazda3	Page 7
Mazda5	Page 8
RX-8	Page 9
CX-7	Page 10
CX-9	Page 11

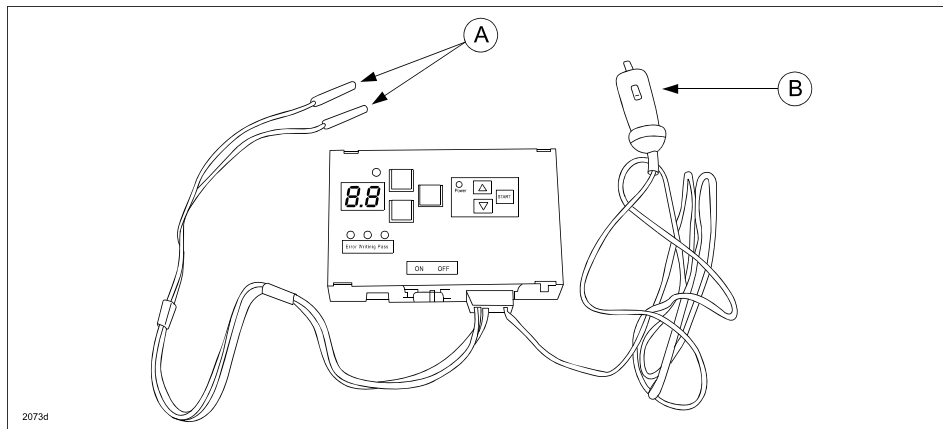
- a. Remove the knob(s) using a firm grip or by using tape as shown. **DO NOT USE PLIERS.**

NOTE: Be careful to avoid scratching the audio panel.



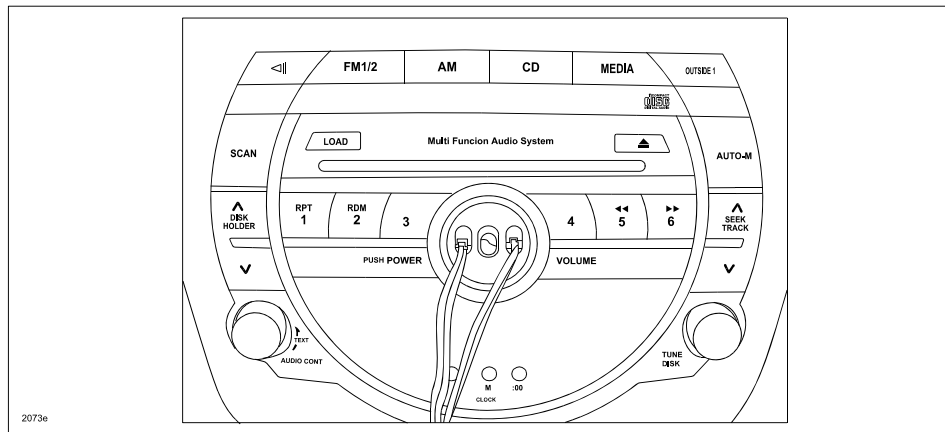
- b. Connect the Audio Unit Software Programming Tool connectors (A) to the removed knob(s). Follow each vehicle's instructions from TABLE 2.

IMPORTANT: The software version must be displayed before the tool is connected to the audio unit.



NOTE:

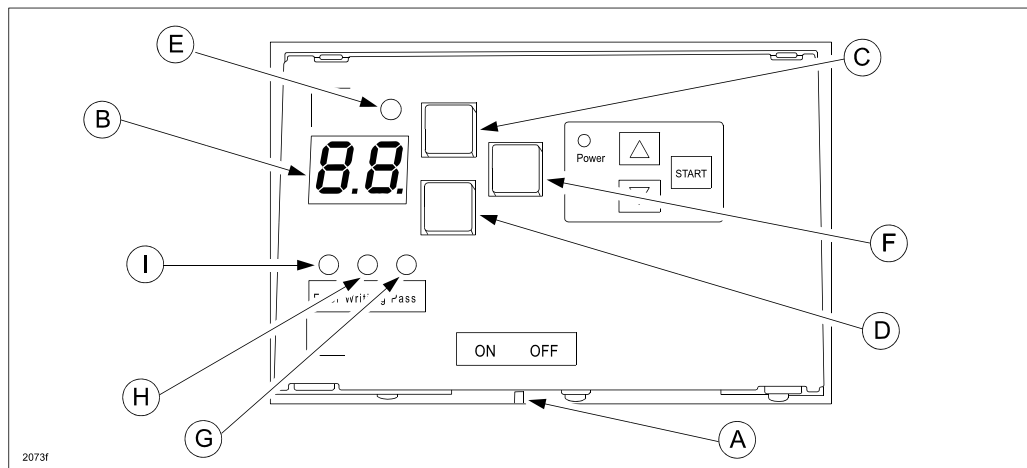
- After the Audio Unit Software Programming Tool is connected, the audio unit display will go blank.
- It is not necessary to connect the Audio Unit Software Programming Tool to the accessory socket or cigarette lighter using the plug (B). The tool receives power from the audio unit through the blue and red wires.



NOTE: RX-8 is shown; other models are different.

6. Perform the audio reprogramming.

NOTE: The power switch on the Audio Unit Software Programming Tool (A) can be either in the on or off position. The tool receives power from the audio unit through the blue and red wires.



- Refer to Table 1 and set the software number (B) according to the table by operating the UP (C) /DOWN (D) buttons.
- Make sure the power lamp (E) comes on, then press the START button (F). The Pass Lamp (G) comes on 2 or 3 minutes after the Writing Lamp (H) comes on.
- Reprogramming is complete when the Writing Lamp goes off.

NOTE: If the Error Lamp (I) comes on, there was a problem with the reprogramming. Check the following:

- Connection tightness
 - Audio Unit Software Programming Tool connectors switched
 - Correct software version
 - Software version was displayed before connecting Audio Unit Software Programming Tool to the audio unit
 - Vehicle is within applicable VIN/production range
7. Disconnect the Audio Unit Software Programming Tool connectors.
 8. Confirm "HELLO" or "BOSE SOUND" is displayed, then the audio unit turns off.
 9. Turn the audio unit on using Power ON, push and hold the AUDIO CONT button, then press the Preset 1 button to confirm software version is correct. If not, perform the audio unit reprogramming again from step 4.
 10. Reinstall the removed knobs.
 11. Verify repair by checking all the radio functions. If improper operation is found, go back to step 4 and reprogram the audio unit with the correct software version.

WARRANTY INFORMATION

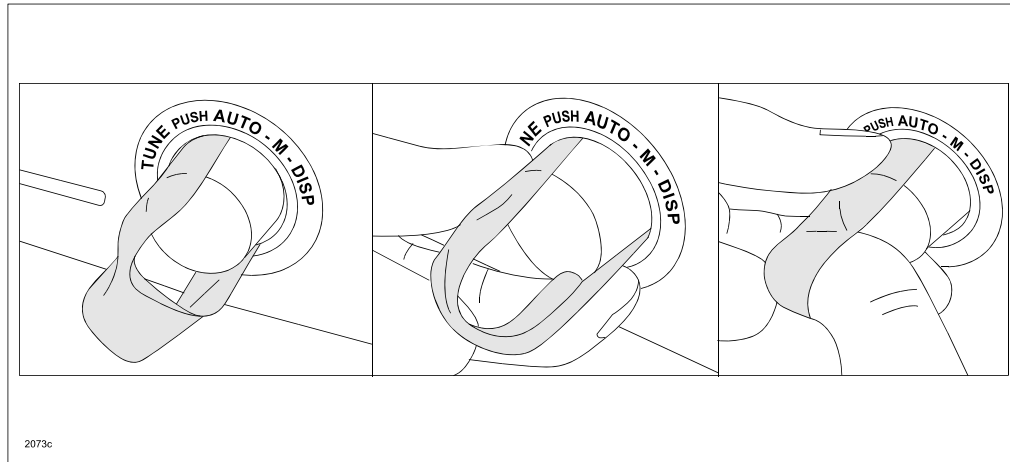
NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

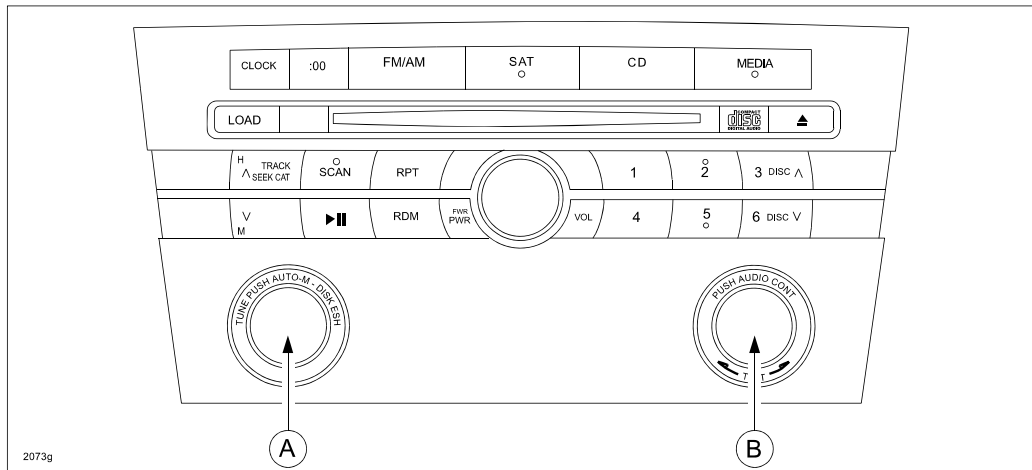
Warranty Type	A
Symptom Code	92
Damage Code	9W
Part Number Main Cause	7777-SP-E03
Quantity	0
Operation Number / Labor Hours:	XXE06XFX / 0.3 of Hrs

Mazda3 Audio Unit Software Programming Tool Connection Procedure

1. Remove the right and left knobs by pulling out using a firm grip, or by using tape as shown.

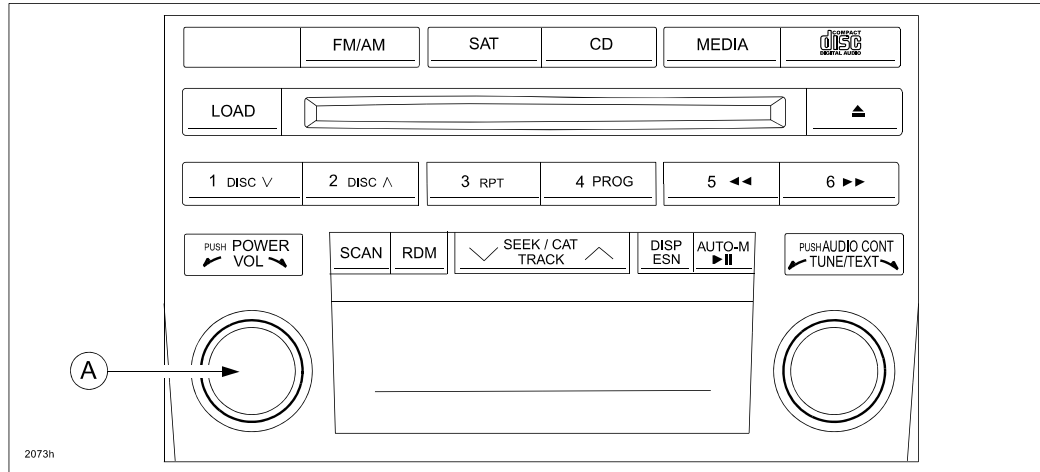


2. Connect the Audio Unit Software Programming Tool connectors.
 - a. Connect the 4P connector with blue/red/white wires into the connector under the left knob (A).
 - b. Connect the 4P connector with red/white wires into the connector under the right knob (B).

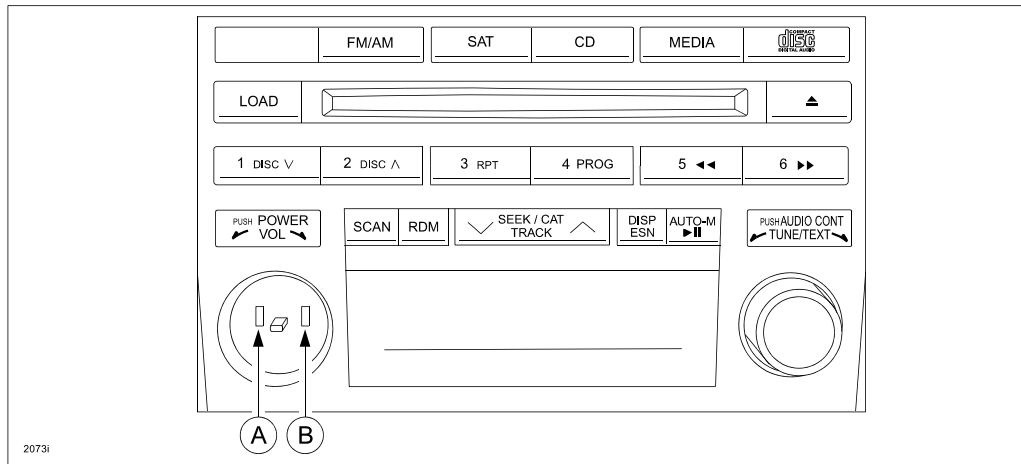


Mazda5 Audio Unit Software Programming Tool Connection Procedure (with single CD player only)

1. Remove the left knob (A) by pulling out using a firm grip, or by using tape.

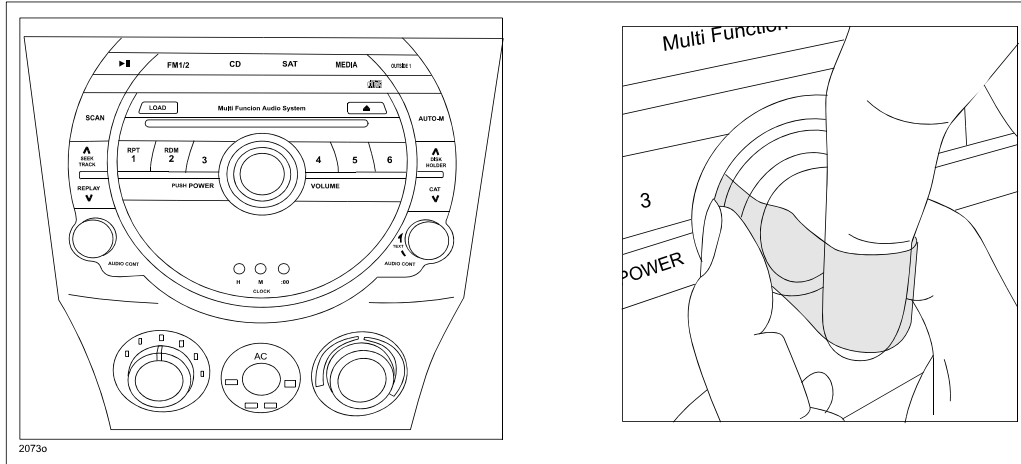


2. Connect the Audio Unit Software Programming Tool connectors.
 - a. Connect the 4P connector with blue/red/white wires into the left connector (A) under the removed knob.
 - b. Connect the 4P connector with red/white wires into the right connector (B) under the removed knob.

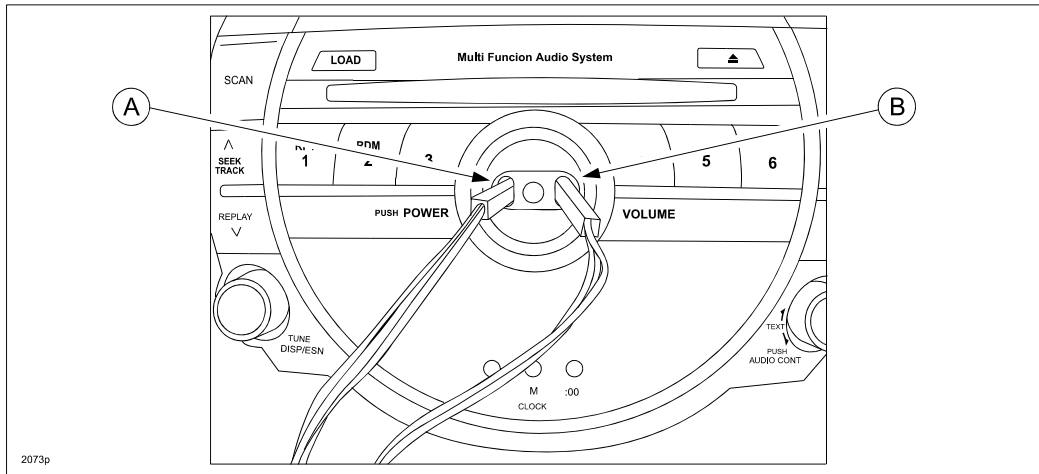


RX-8 Audio Unit Software Programming Tool Connection Procedure

1. Remove the center knob by pulling out using a firm grip, or by using tape as shown.

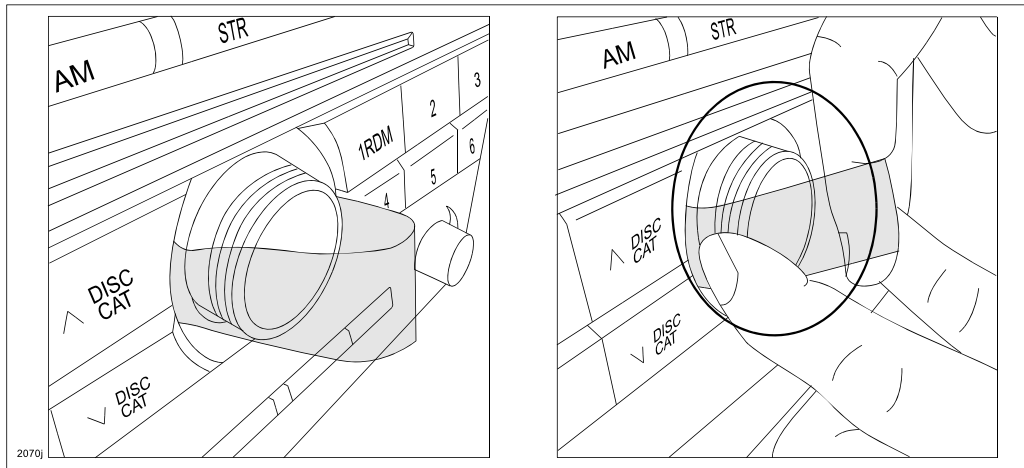


2. Connect the Audio Unit Software Programming Tool connectors.
 - a. Connect the 4P connector with blue/red/white wires into the left connector (A) under the removed knob.
 - b. Connect the 4P connector with red/white wires into the right connector (B) under the removed knob.

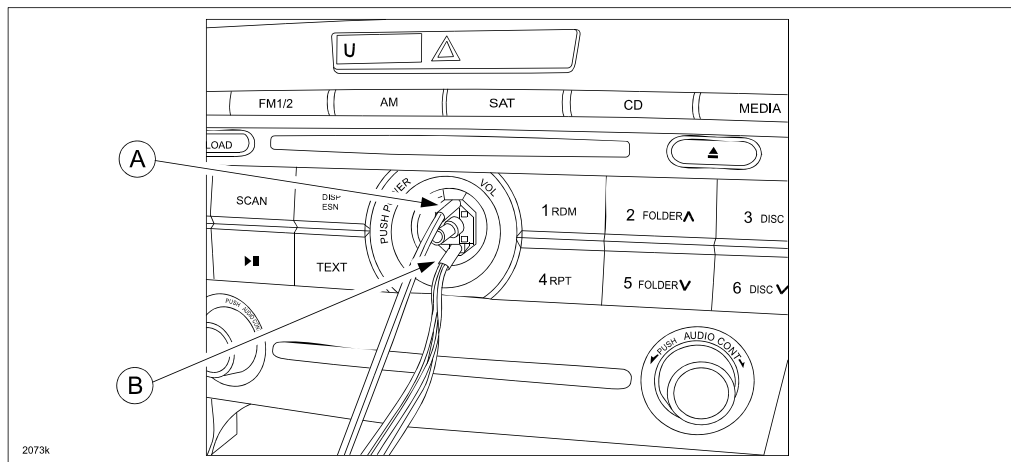


CX-7 Audio Unit Software Programming Tool Connection Procedure

1. Remove the center knob by pulling out using a firm grip, or by using tape as shown.

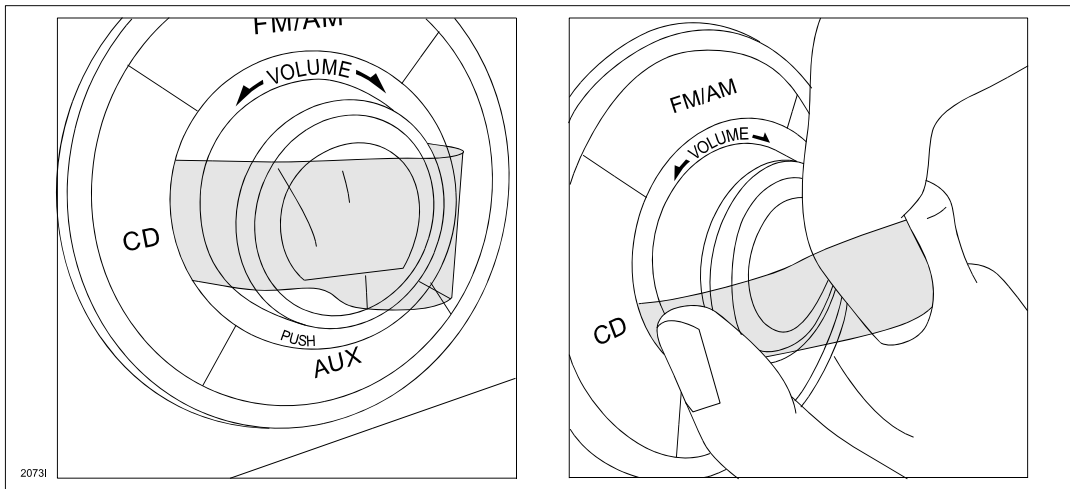


2. Connect the Audio Unit Software Programming Tool connectors.
 - a. Connect the 4P connector with blue/red/white wires into the upper connector (A) under the removed knob.
 - b. Connect the 4P connector with red/white wires into the lower connector (B) under the removed knob.

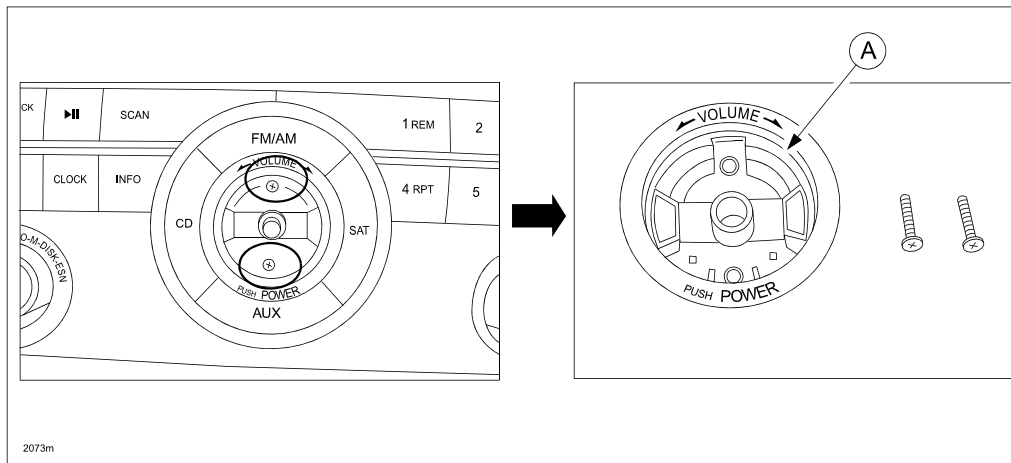


CX-9 Audio Unit Software Programming Tool Connection Procedure

1. Remove the center knob by pulling out using a firm grip, or by using tape as shown.



2. Remove the two screws, and then remove the inner cover (A).



3. Connect the Audio Unit Software Programming Tool connectors.
 - a. Connect the 4P connector with blue/red/white wires into the left connector (A) under the removed knob.
 - b. Connect the 4P connector with red/white wires into the right connector (B) under the removed knob.

