



**INSTALLATION INSTRUCTIONS**

**PART NUMBER:**  
0000-8F-P01 INTEGRATED BLUETOOTH KIT

**APPLICABLE MODELS:**  
2010 > MAZDA2

**REQUIRED COMPONENTS:**

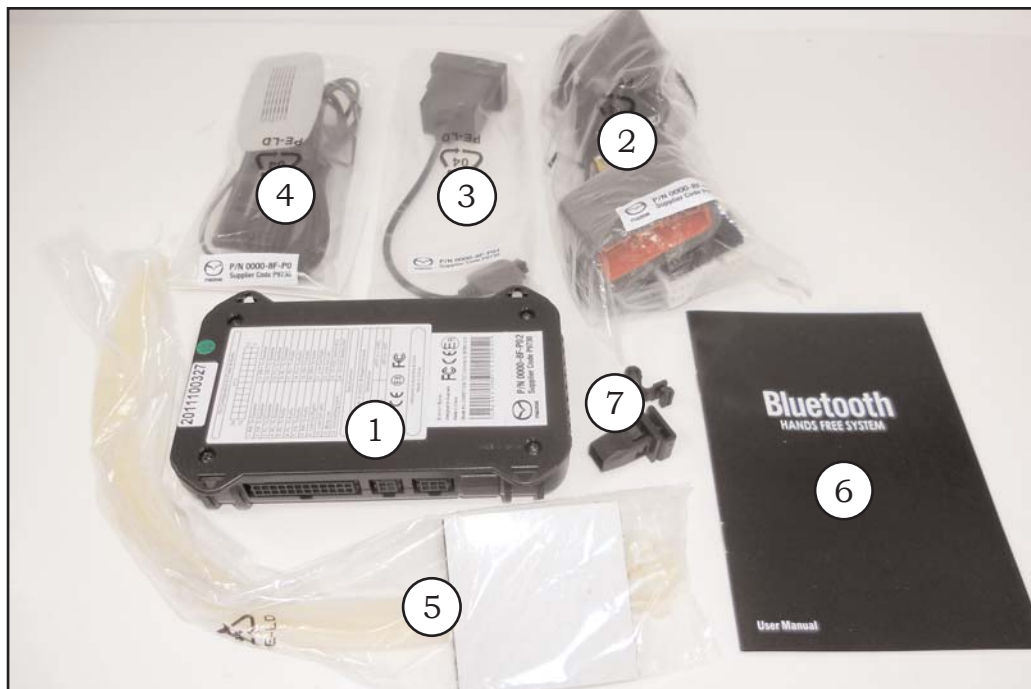
ITEM	QTY	DESCRIPTION	SERVICE PARTS	USAGE CHART
1	1	CONTROL MODULE	0000-8F-P02	1
2	1	RADIO/POWER HARNESS	0000-8F-P05	1
3	1	SYSTEM SWITCH	0000-8F-P04	1
4	1	HEADLINER MICROPHONE	0000-8F-P03	1
5	1	HARDWARE BAG		1
6	1	OWNER'S MANUAL		1
7	1	A-PILLAR TETHER CLIP	D651 68 162A	1
8	6	ADHESIVE FOAM TAPE		1

**HARDWARE BAG CONTENTS**

ITEM	QTY	DESCRIPTION	SERVICE PARTS	USAGE CHART
1	12	WIRE TIE		12
2	1	ADHESIVE FOAM PAD WITH VELCRO		1

**\*\*INSTALLATION KIT MAY HAVE MORE COMPONENTS THAN NECESSARY. PLEASE REFER TO THE CHART ABOVE AND THE INSTRUCTIONS FOR REQUIRED COMPONENTS.**

<b>NOT USED WITH THIS APPLICATION</b>	<b>X</b>
<b>USED (INCLUDING AMOUNT)</b>	<b>(12)</b>



**TOOLS REQUIRED:**

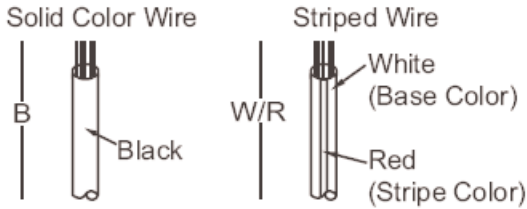
TRIM REMOVAL TOOL	10MM SOCKET WITH EXTENSION	RATCHET	PHILIPS SCREWDRIVER
PANEL CLIP TOOL	POWER DRILL/DRIVER	WIRE CUTTERS	ADJUSTABLE BLADE
MASKING TAPE	PENCIL	NEEDLE-NOSE PLIERS	

## WIRE CODES

Two-color wires are indicated by a two-letter symbol. The first indicates the base color of the wire, the second indicates the color of the stripe. For example:

W/R = White wire with a red stripe  
BR/Y = Brown wire with a yellow stripe

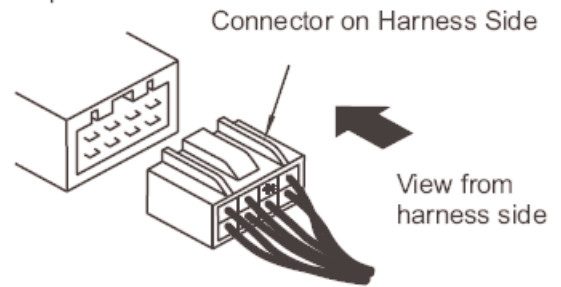
Symbol (Example):



## CONNECTOR DIAGRAMS

Connector diagrams show connectors on the harness side. The terminal indicates the view from the harness side.

Example:

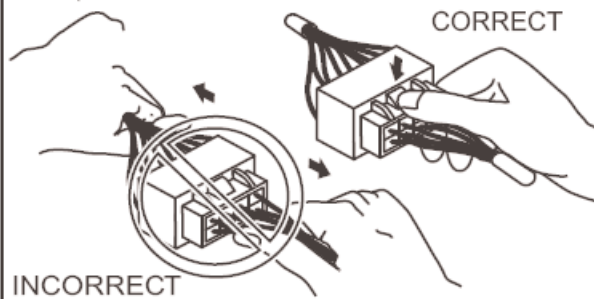


Unused terminals are indicated by "\*\*"

## DISCONNECTING CONNECTORS

When disconnecting the wires, grasp the connectors, not the wires.

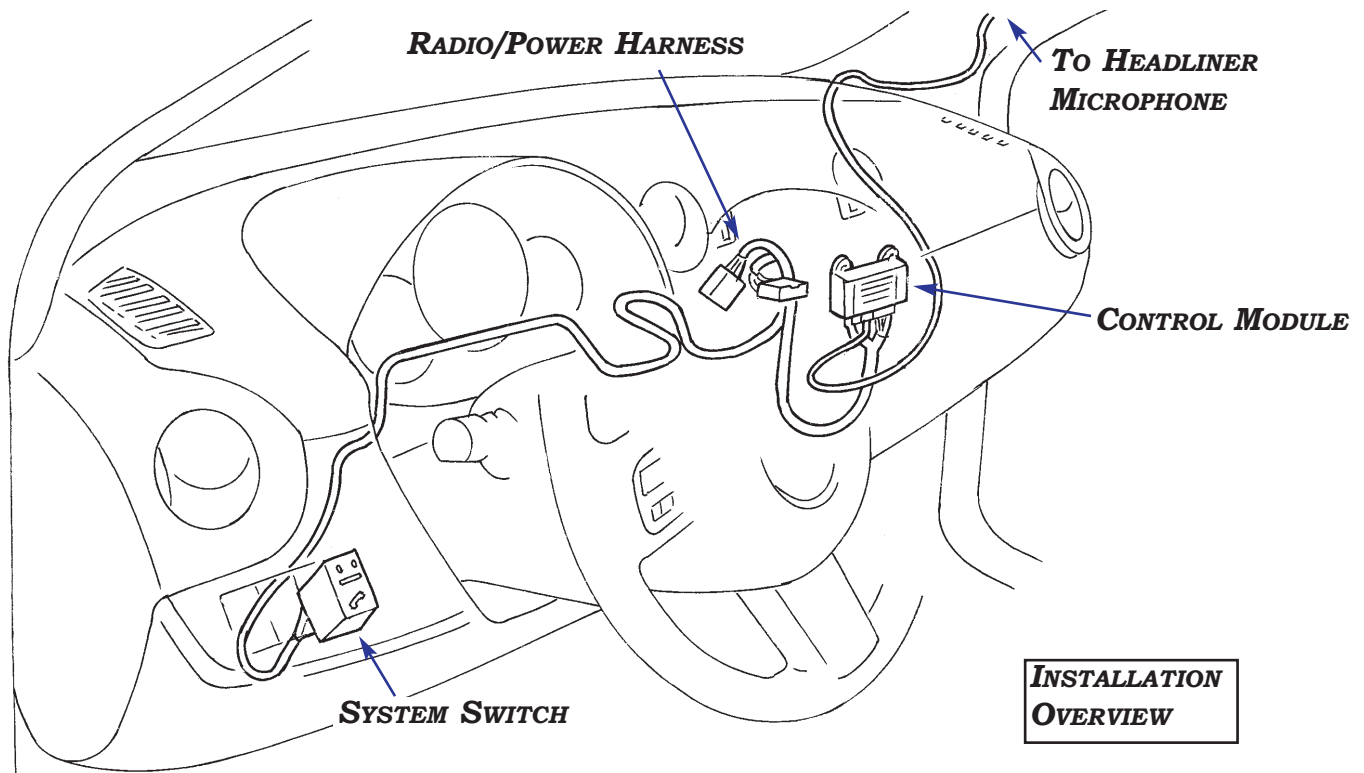
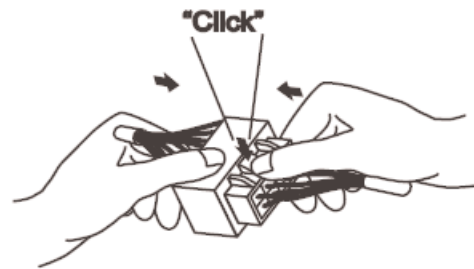
Example:



## LOCKING CONNECTORS

When locking connectors, listen for a click, indicating they are securely locked.

Example:



INSTALLATION

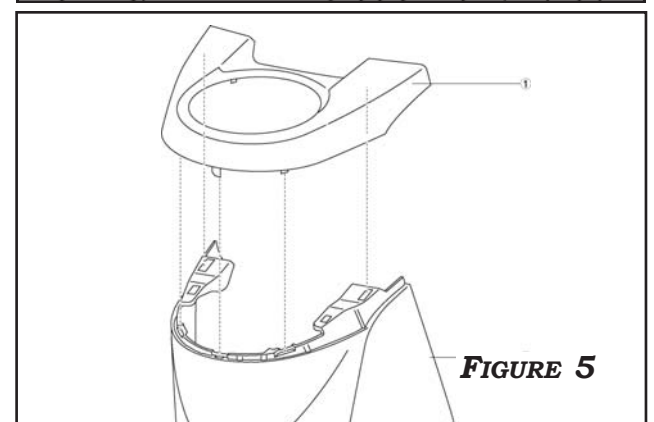
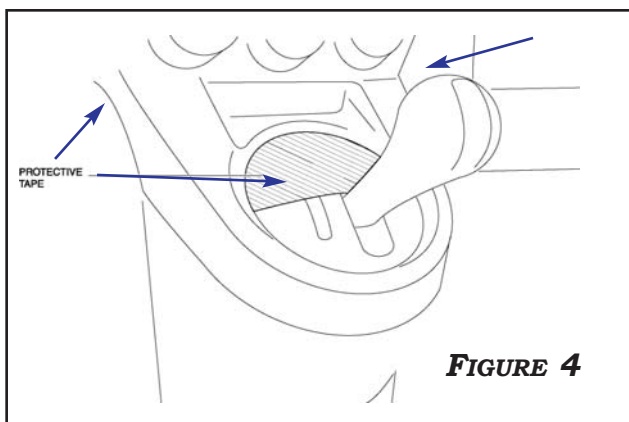
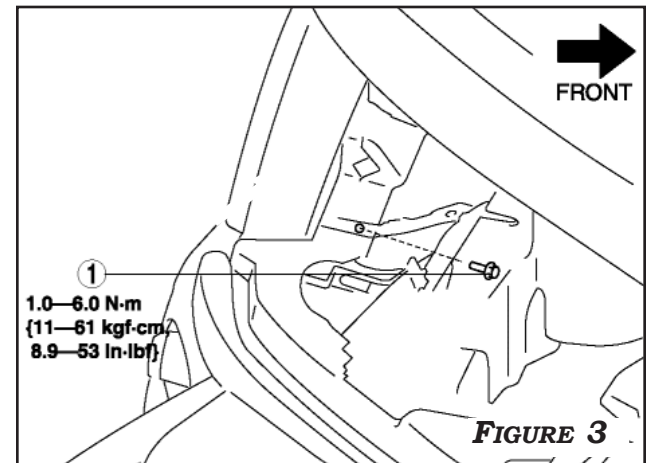
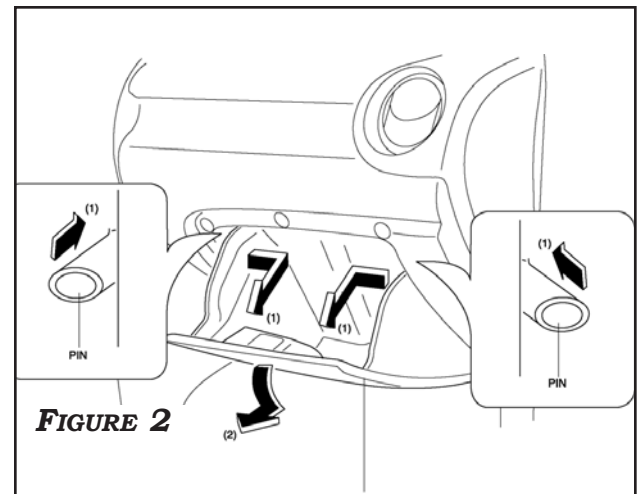
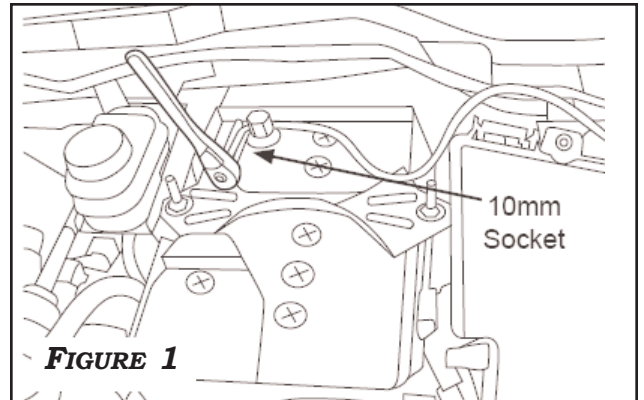
VEHICLE PREPARATION:

FIGURE 1



**CAUTION:** It is advisable to disconnect the negative battery cable for 90 seconds before beginning installation to avoid unintended air bag deployment failure to head this warning may result in airbag discharge and may cause serious injury or death.

1. DISCONNECT THE CABLE FROM THE NEGATIVE TERMINAL OF THE BATTERY. **FIGURE 1**
  
2. REMOVE THE GLOVE BOX BY OPENING AND DISENGAGING THE TWO SIDE TABS. PULL OUTWARD TO REMOVE. **FIGURE 2**
  
3. REMOVE THE HIDDEN 10MM BOLT SECURING THE RADIO ASSEMBLY AS SHOWN IN **FIGURE 3**.
  
4. ADD PROTECTIVE TAPE TO THE DASH AROUND THE RADIO, HVAC CONTROL ASSEMBLY, AND SHIFTER BEZEL AS SHOWN IN **FIGURE 4**.
  
5. REMOVE THE TRIM BEZEL SURROUNDING THE GEAR SHIFTER AS SHOWN IN **FIGURE 5**. (IF EQUIPPED) REMOVE SHIFT KNOB FOR MANUAL TRANSMISSION VEHICLES.





INSTALLATION

**RADIO REMOVAL**

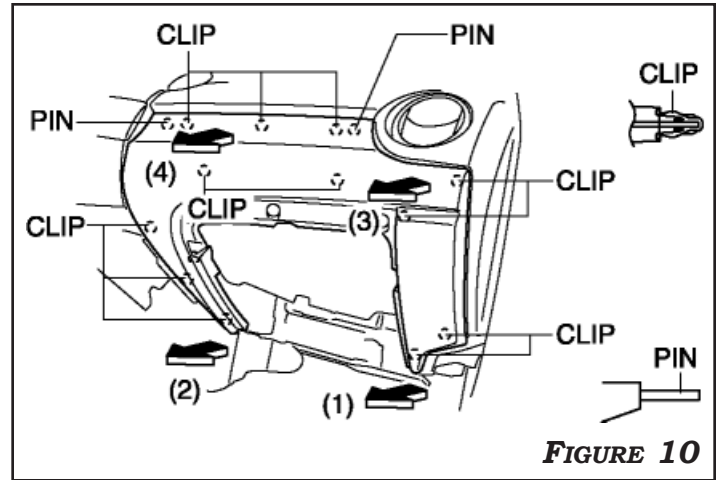
1. STARTING AT THE BOTTOM, RELEASE THE PASSEGER LOWER DASH TRIM JUST ENOUGH TO CLEAR THE RADIO /HVAC ASSEMBLY. **FIGURE 10.**

2. RELEASE THE DRIVER LOWER DASH TRIM TO THE RIGHT OF THE STEERING COLUMN JUST ENOUGH TO CLEAR THE RADIO/HVAC ASSEMBLY **FIGURE 11**

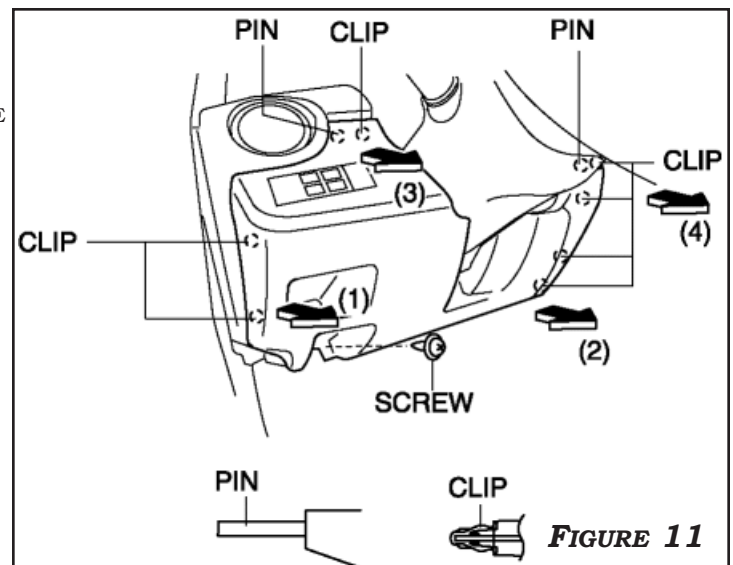
3. REMOVE THE TWO PHILIPS SCREWS SHOWN IN STEP 2 IN **FIGURE 12.** USE A TRIM REMOVAL TOOL TO DISENGAGE THE CLIPS AND TABS IN STEPS 3,4, AND 5 AND PULL THE RADIO FROM THE DASH. **FIGURE 12**

4. DISCONNECT THE THREE CONNECTORS ABOVE THE RADIO AS SHOWN IN STEP 6 OF **FIGURE 12.** DISCONNECT ALL THE RADIO HARNESSSES (STEP 7) AND REMOVE THE RADIO FROM THE VEHICLE.

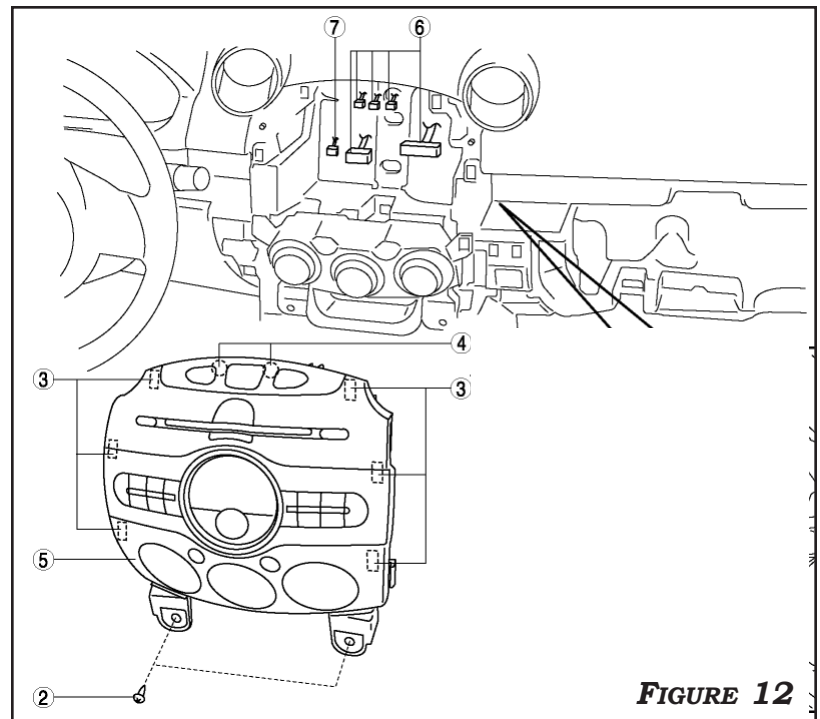
**NOTE:** THE ANTENNA FEEDER WIRE AND CONNECTION (FIGURE 12, NUMBER 7) IS VERY TIGHT, IN REGARDS TO LITTLE SLACK IN THE HARNESS WHEN THE HEAD UNIT IS BEING REMOVED. THE ANTENNA CONNECTOR IS DELICATE AND CAN BREAK EASILY IF CARE IS NOT TAKEN. AN EXTRA 25 MM OF HARNESS IS TAPPED IN A U SHAPED LOOP BEHIND THE RADIO, SECURED WITH TAPE TO THE INNER DASH FRAME. RELEASING THIS EXTRA WIRE WILL ALLOW MORE ROOM TO DISCONNECT THE ANTENNA FEEDER FROM THE HEAD UNIT IF NECESSARY.



**FIGURE 10**



**FIGURE 11**



**FIGURE 12**



INSTALLATION

**SWITCH PANEL REMOVAL**

1. USE A TRIM PANEL REMOVAL TOOL TO REMOVE THE LEFT SWITCH PANEL AS SHOWN IN **FIGURE 13**
2. REMOVE THE SWITCH KNOCKOUT BLANK BY SQUEEZING MOUNTING TABS AND PUSHING THE KNOCKOUT FORWARD AS SHOWN IN **FIGURE 14**.

**NOTE:** USE CAUTION NOT TO SCRATCH THE SWITCH PANEL.

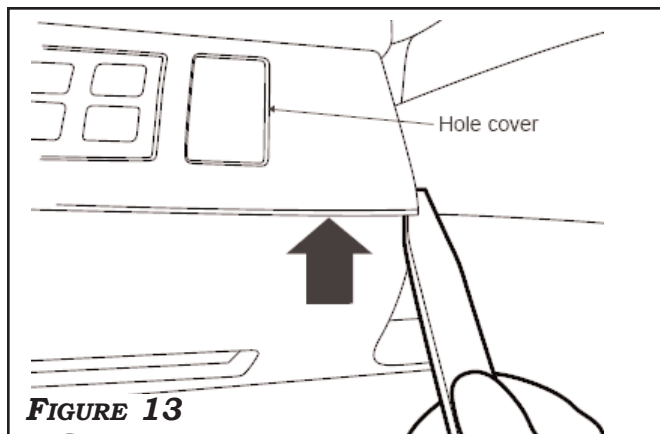
**A-PILLAR REMOVAL (PASSENGER SIDE)**

1. PULL THE WEATHERSTRIPPING BACK PAST THE TOP OF A-PILLAR TRIM AS SHOWN IN **FIGURE 15**
2. PULL OUT THE TOP OF THE A-PILLAR UNTIL THE A-PILLAR IS EXTENDED APPROXIMATELY 1/2". USE NEEDLE-NOSE PLIERS TO GRASP TAB OF THE UPPER A-PILLAR CLIP. ROTATE TAB 90 DEGREES AND PUSH DOWN THROUGH SLOT IN A-PILLAR TRIM AS SHOWN IN **FIGURE 16**.

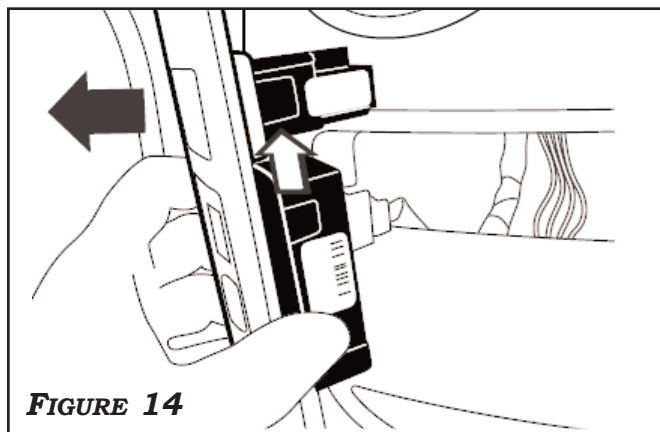
**NOTE:** USE CAUTION NOT TO USE EXCESSIVE FORCE. A-PILLAR COULD BE DAMAGED.

**NOTE:** A-PILLAR UPPER MOUNTING CLIP MUST BE REPLACED WITH THE NEW SUPPLIED TETHER CLIP (7) LISTED ON PAGE ONE.

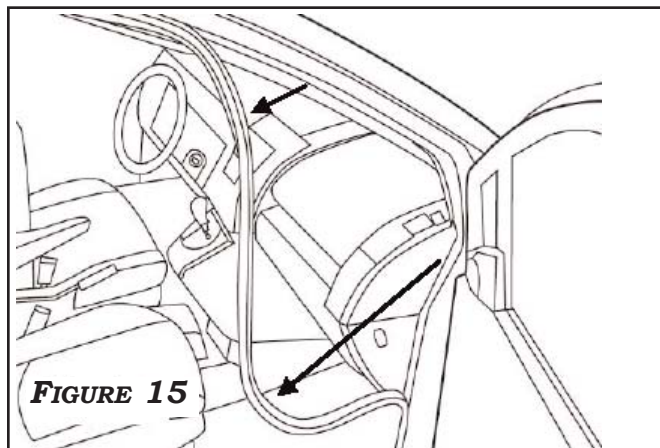
3. AFTER A-PILLAR TRIM IS DETACHED FROM THE UPPER MOUNTING CLIP, PULL FIRMLY TO DETACH THE LOWER CLIPS.
4. MOVE THE HOOK IN THE DIRECTION OF ARROWS (1) AND (2) USING A FLAT SCREWDRIVER AND DETACH IT FROM THE A-PILLAR. **FIGURE 17**
5. REMOVE THE GROMMET IN THE DIRECTION OF THE ARROW (3). WHEN INSTALLING THE A-PILLAR , INSTALL THE NEW MOUNTING CLIP AND GROMMET. SEE SERVICE MANUAL FOR MORE DETAIL.



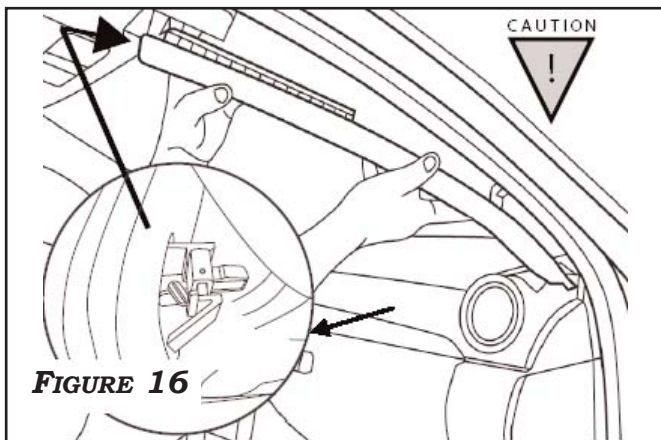
**FIGURE 13**



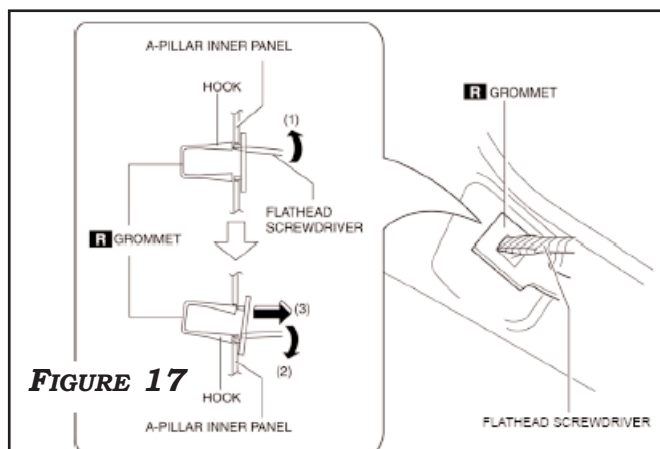
**FIGURE 14**



**FIGURE 15**



**FIGURE 16**



**FIGURE 17**

## INSTALLATION

## MAIN WIRE HARNESS ROUTING

1. CONNECT THE RADIO/POWER HARNESS TO THE VEHICLE RADIO HARNESS BY MATING THE T-HARNESS. SECURE THE HARNESS TO THE SUPPORT STRUCTURE USING FOAM TAPE.

**FIGURE 18**

2. ROUTE THE END OF THE RADIO/POWER HARNESS WITH THE 24-PIN CONTROL MODULE CONNECTOR TOWARDS THE AREA BEHIND THE GLOVE BOX AND LEAVE LOOSE UNTIL THE FINAL STEPS OF THE INSTALLATION.

3. ROUTE THE END OF THE RADIO/POWER HARNESS WITH THE 6-PIN SWITCH CONNECTOR BENEATH THE INSTRUMENT CLUSTER TO THE AREA WHERE THE LEFT SWITCH PANEL WAS REMOVED AS SHOWN IN **FIGURE 20**. USE FOAM TAPE AS SHOWN TO SECURE AND PROTECT THE HARNESS.

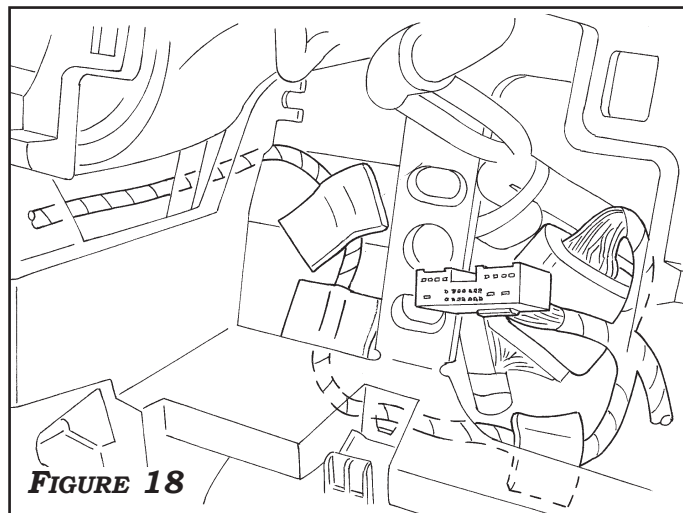
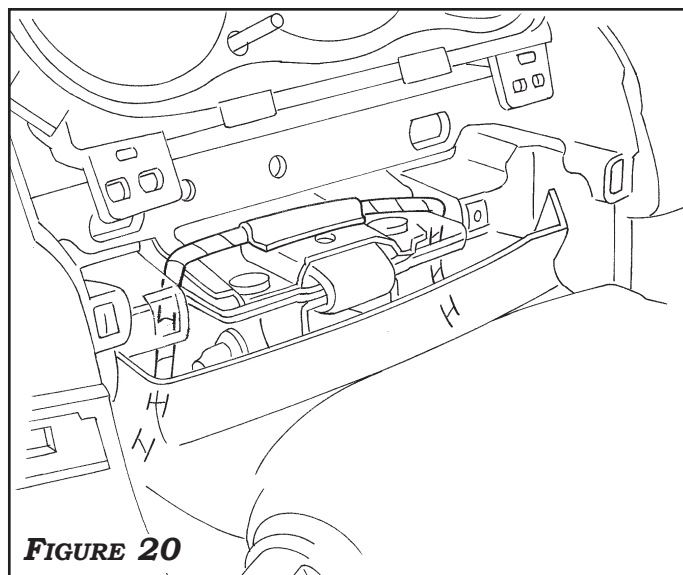
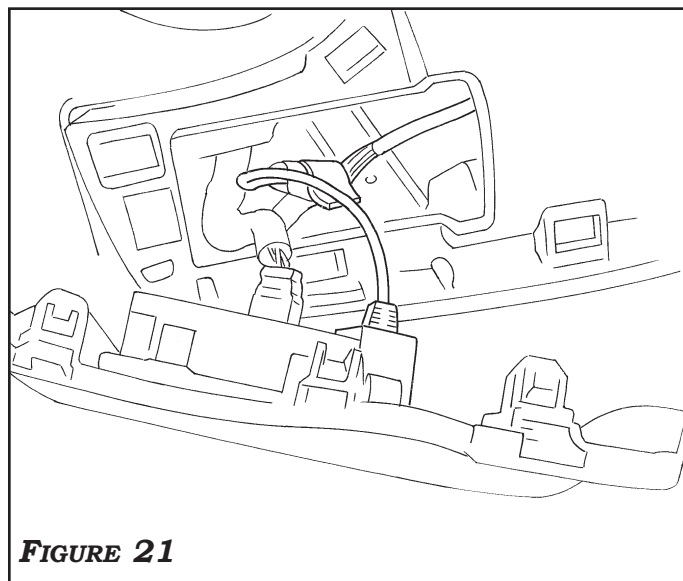
**NOTE:** USE CAUTION TO ROUTE THE HARNESSES AWAY FROM SHARP METAL EDGES.

## SWITCH INSTALLATION

1. ROUTE THE 6-PIN SWITCH CONNECTOR HARNESS TO THE SWITCH PANEL.

2. INSTALL THE SWITCH TO THE SWITCH PANEL, THEN ATTACH THE CONNECTOR TO THE REAR OF SWITCH AS SHOWN IN **FIGURE 21**. USE FOAM TAPE AND WIRE TIES TO SECURE THE HARNESS.

3. RE-ATTACH SWITCH PANEL TO THE DASH BY SNAPPING INTO PLACE.

**FIGURE 18****FIGURE 20****FIGURE 21**

## INSTALLATION

## HEADLINER MICROPHONE INSTALLATION

1. CUT OUT THE MICROPHONE MOUNTING TEMPLATE FOUND ON THE LAST PAGE OF THIS INSTRUCTION MANUAL.
2. TAPE THE TEMPLATE TO THE HEADLINER IN THE POSITION SHOWN IN **FIGURE 22**. USE THE MAP LIGHT ASSEMBLY AS A GUIDE.



**NOTE: MAKE SURE THE MICROPHONE MOUNTING TEMPLATE IS ORIENTED CORRECTLY WITH THE ARROW FACING THE REAR OF THE VEHICLE.**

3. USING A SHARP BLADE, CUT THE RECTANGULAR MOUNTING AREA FOR THE MICROPHONE AS SHOWN ON THE TEMPLATE. USE SLOW STEADY MOTIONS TO PREVENT MISTAKES, AND MAKE SURE THE BLADE IS SHARP TO ENSURE A CLEAN CUT.



**NOTE: USE CAUTION WHEN CUTTING THE HEADLINER WITH THE SHARP BLADE. BE SURE NO WIRES OR FINGERS ARE IN THE PATH OF THE BLADE.**

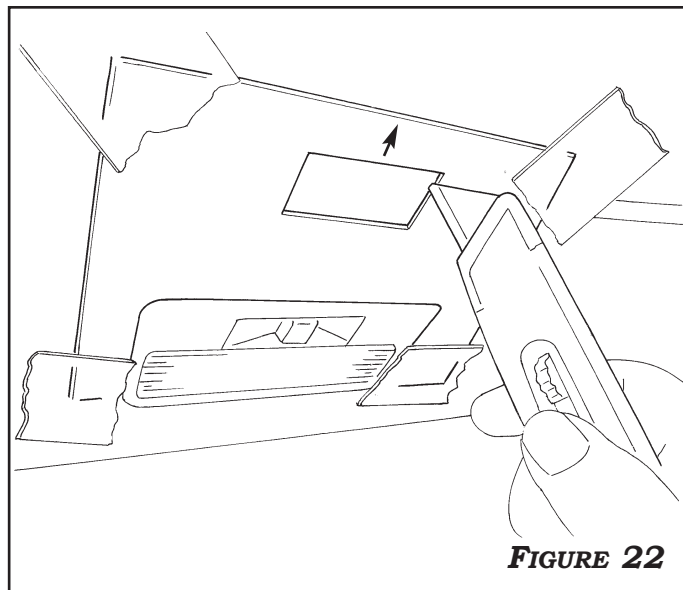
4. REMOVE THE MAP LIGHT ASSEMBLY BY USING A TRIM PANEL TOOL.

5. ASSEMBLE THE MICROPHONE TO THE HEADLINER AS SHOWN IN **FIGURE 23**. THE TOP MOUNTING RING SHOULD BE INSERTED THROUGH THE HOLE AND THEN SET IN PLACE, AND THE BOTTOM MOUNTING RING IS SCREWED INTO THE TOP RING WITH THE TWO SUPPLIED PHILIPS-HEAD SCREWS. THIS WILL "SANDWICH" THE HEADLINER BETWEEN THE TOP AND BOTTOM MOUNTING PLATES.

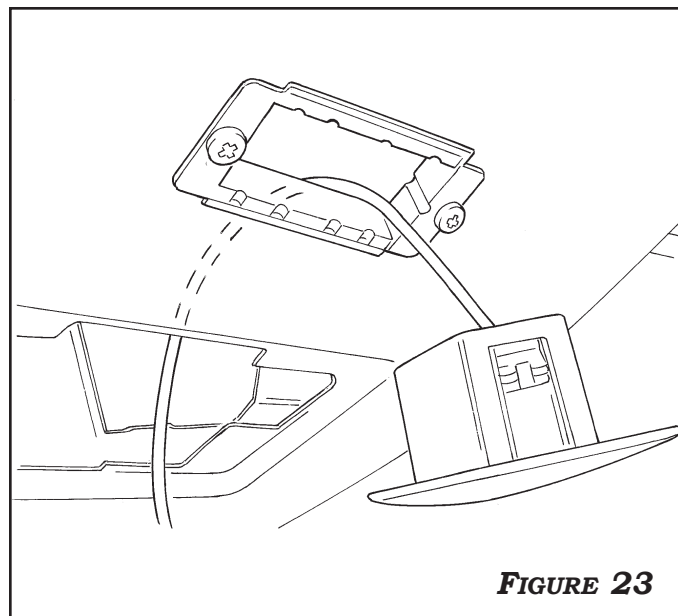


**NOTE: USE CAUTION WHEN INSERTING THE PHILIPS SCREWS INTO THE MICROPHONE MOUNTING ASSEMBLY. BE SURE NO WIRES ARE IN THE PATH OF THE SCREWS.**

6. FEED THE CONNECTOR END OF THE MICROPHONE CABLE THROUGH THE MOUNTING PLATE ASSEMBLY TO THE MAP LIGHT OPENING AND PULL THROUGH. **FIGURE 23**



**FIGURE 22**



**FIGURE 23**



## INSTALLATION

**HEADLINER MICROPHONE (CONTINUED)**

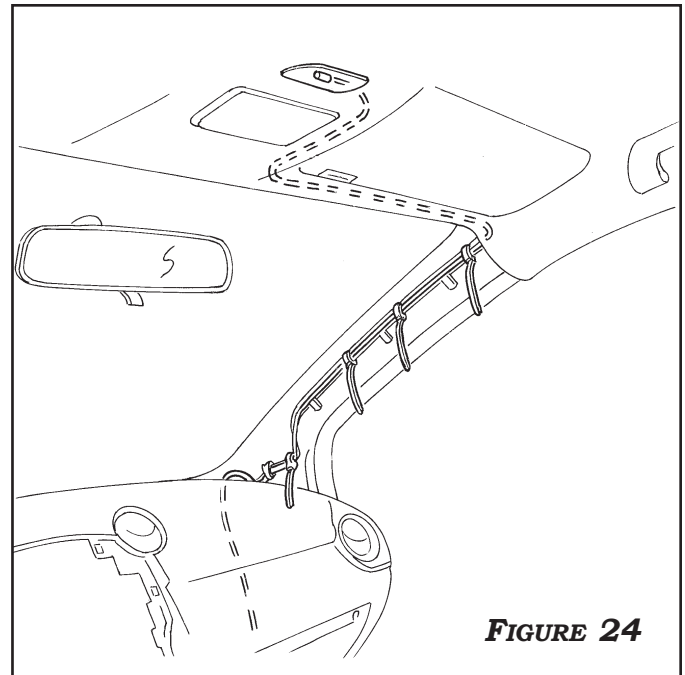
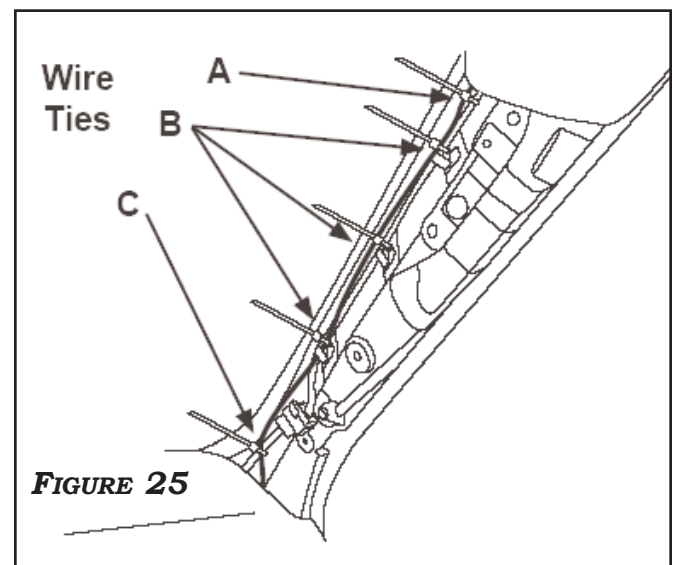
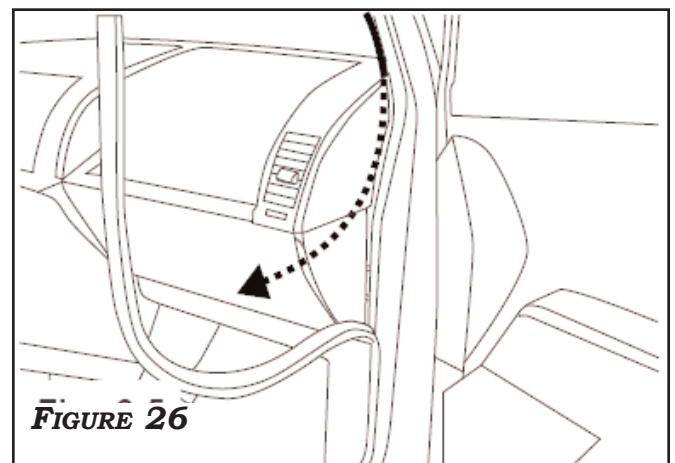
5. SNAP THE MICROPHONE ASSEMBLY INTO THE MOUNTING PLATES.
6. ROUTE THE MICROPHONE HARNESS FROM THE MAP LIGHT OPENING ABOVE THE HEADLINER TO THE RIGHT A-PILLAR AS SHOWN IN **FIGURE 24**
7. ROUTE THE MICROPHONE HARNESS DOWN THE A-PILLAR AND SECURE WITH (5) WIRE TIES AS SHOWN IN **FIGURE 25**. PLACE THE WIRE TIES AROUND THE OEM HARNESS AND OEM CLIPS IN THE LOCATIONS SHOWN.

**NOTE:** SEE WIRE TIE PROCEDURE ON PAGE 2 FOR DETAILED INSTRUCTIONS OF PROPER WIRE TIE INSTALLATION TECHNIQUES.

**NOTE:** VERIFY MICROPHONE HARNESS PATH IS CLEAR OF AIR BAG AND AIR BAG COMPONENTS.

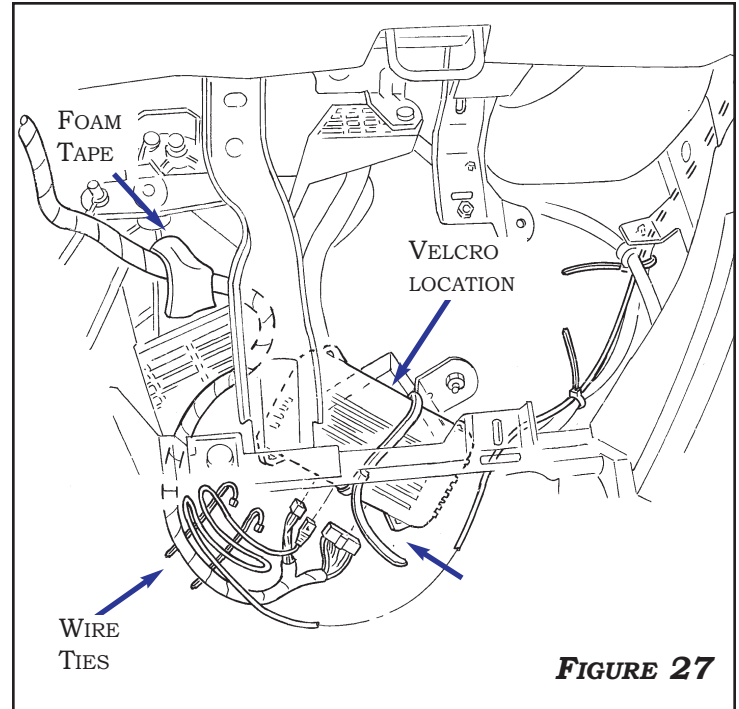
**NOTE:** DO NOT SECURE MICROPHONE HARNESS TO PLASTIC DRAIN TUBE (IF EQUIPPED).

8. ROUTE THE MICROPHONE HARNESS THROUGH THE PASSENGER SIDE OUTER DASH PANEL AND INTO THE KICKPANEL AREA NEAR THE BCM AS SHOWN IN **FIGURE 26**.

**FIGURE 24****FIGURE 25****FIGURE 26**

## **FINAL CONNECTIONS**

1. CONNECT THE SWITCH, MICROPHONE, AND RADIO HARNESS TO THE CONTROL MODULE IN THE APPROPRIATE LOCATIONS.
2. MOUNT THE CONTROL MODULE TO THE VEHICLE BCM BENEATH THE BLOWER UNIT BEHIND THE GLOVE BOX USING THE SUPPLIED VELCRO PAD AND WIRE TIES. SEPARATE THE VELCRO PAD AND PUT ONE PIECE ON THE BCM AND THE OTHER ON THE BOTTOM OF THE CONTROL MODULE. MAKE SURE THE MODULE IS SECURE AND WILL NOT RATTLE AGAINST THE ADJACENT METAL BRACKETS. **FIGURE 27**



**FIGURE 27**

## **REASSEMBLY**

1. REINSTALL ALL TRIM PANELS IN THE ORDER OF REMOVAL, TAKING SPECIAL CARE TO MAKE SURE ALL HARNESSES AND WIRING ARE PROPERLY SECURED. MAKE SURE HARNESSES ARE NOT PINCHED OR BOUND BY TRIM PIECES. PLACE THE OWNER'S MANUAL IN THE GLOVE BOX.
2. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO **3 FT LBS.**

**INSPECTION**

Inspection Parts	Inspection Items (O)			
	Clearance / Fit	Scratches / Dirt / Harness Interference	Installation / Tightening / Engagement	Operation Check
NEGATIVE BATTERY TERMINAL			O	
PASSENGER SIDE DOOR SEAL	O	O	O	
PASSENGER SIDE A PILLAR TRIM	O	O	O	
GLOVE BOX	O	O	O	
LOWER CENTER CONSOLE AND SURROUNDING TRIM PANELS	O	O	O	
DRIVER SIDE SWITCH PANEL	O	O	O	
RADIO UNIT	O	O	O	*1 O
HVAC CONTROL UNIT	O	O	O	*2 O
BLUETOOTH SWITCH	O	O	O	*3 O
BLUETOOTH CONTROL UNIT			O	*4 O
BLUETOOTH MICROPHONE			O	
OWNER'S MANUAL			*5 O	

O : APPLICABLE

\*1: VERIFY POWER AND SOUND COMING FROM ALL FRONT AND REAR SPEAKERS

\*2: VERIFY POWER AND SWITCH FUNCTIONS

\*3: VERIFY ILLUMINATION

\*4: PRESS AND HOLD "PHONE" SYMBOL ON SWITCH UNTIL (4) BEEPS ARE HEARD THROUGH THE FRONT SPEAKERS

\*5: IN VEHICLE GLOVE BOX

**CAUTION**



**When the battery is disconnected, the DSC may stop operating.**

(The DSC OFF indicator will flash at this time, and the TCS/DSC operation indicator will illuminate.)

Carry out the following procedure to reactivate DSC:

1. Turn the ignition switch to "OFF" and then turn it back to "ON".
2. Turn the steering wheel clockwise as far as it will go, and then turn it back counterclockwise as far as it will go.
3. Check that the TCS/DSC operation indicator is turned off.
4. Turn the ignition switch to "OFF" and then turn it back to "ON".
5. Check that the TCS/DCS operation indicator is turned off. If the TCS/DSC operation indicator is still illuminated or the DSC indicator is not turned off when the ignition switch is turned back to "ON", contact your Mazda dealer.

**CAUTION**



**If the battery is disconnected, the power windows may no longer fully open or fully close automatically.**

Carry out the following operation at driver seat first and passenger seat to restore normal operation:

1. Turn the ignition key to the "ON" position.
2. Press the power window switch to fully open the power windows.
3. Lift up the power window switch to fully close the power windows, and keep it pulled up for approximately 2 seconds.
4. Position the engine switch at "OFF", and then at "ON" again. When the function doesn't work after these procedures, please contact your Mazda dealer.

N O P a i r i n g	System Switch is not illuminated / Control Module is non-functional				
	Cause	Solution	YES	No	NOTES
	Step 1	If radio functions properly Audio in all speakers	Go to step 1	Go to step 7	
	Step 2	Verify all connectors are fully inserted.	Go to step 3	Re-insert and test.	
	Step 3	Replace switch and confirm switch is illuminated. Confirm 3 beeps to put into pairing mode.. *	End	Go to step 4	* The switch must also turn off each time the ignition is switched off. If not pin +23VDC Accessory is not being connected to a switch +12VDC power source.
	Step 4	Replace Radio / Power Harness and confirm switch is illuminated and confirm 3 beeps to put into pairing mode..	End	Go to step 5	
	Step 5	Replace control module and confirm switch is illuminated. Confirm 3 beeps to put into pairing mode.	End		
	System Switch is illuminated/ Control Module is non-Functional				
	Cause	Solution	YES	No	NOTES
		With the switch illuminated press phone button for 3 beeps to put into pairing mode.	End	Go to step 6	
	Step 6	Replace switch and confirm 3 beeps to put into pairing mode.	End	Go to step 7	
	Step 7	Replace control module and confirm 3 beeps to put into pairing mode.	End		
	Phone does not pair* with Bluetooth System (System switch is illuminated/Radio Mutes/ Bluetooth is Functional)				
	* When pairing your phone you must enter the pass code 1234 and select enter. Please refer to owner Manual pages 5 and 10				
	Cause	Solution	YES	No	NOTES
	Enable Bluetooth function on phone and re-pair.	End	Go to step 8		
Step 8	Erase all pairings on the control module by holding phone button until you hear 4 beeps; restart initial pairing process	End	to step 9	Phone cannot find device, go	
Step 9	Delete all pairings on the mobile phone and re-pair. *	End	Go to step 10	* Your phone may not indicate the pair device library is full.	
Step 10	Remove the battery from phone, re-insert battery and re-pair.	End	Go to step 11		
Step 11	Using another phone begin at step 9.	End *	Go to step 8	* If phone is inoperable please refer to phone user manual or contact point of purchase of inoperable phone.	
M I S C	User can not be heard through Bluetooth system during call during call				
	Cause	Solution	YES	No	NOTES
		Verify all connectors are fully inserted.	End	Go to step 12	
	Step 12	Replace Microphone	End	Got to step 13	
	Step 13	Replace Control Module	End		
	System has Engine noise				
		Verify all connectors are fully inserted.	End	Go to step 4	
Audio does not play in front speakers after Bluetooth installation					
	Verify all connectors are fully inserted.	End	Go to step 4		

**INSTALLER NOTES**



**INSTALLER NOTES**

**MICROPHONE MOUNTING TEMPLATE**

