

2016 MAZDA6 OCCUPANT CLASSIFICATION SYSTEM HARNESS CONCERN SAFETY RECALL

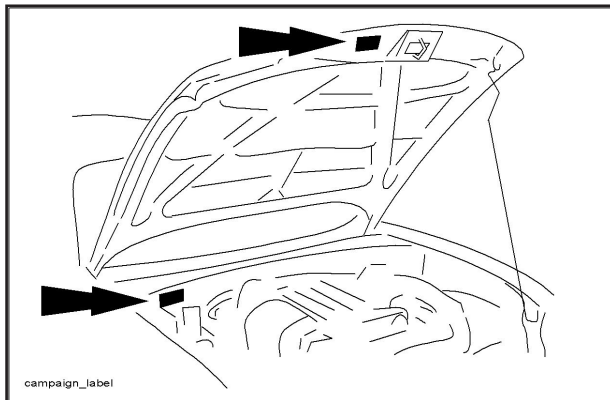
A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following year ranges:

Model	Year	VIN Range	Production
Mazda6	2016	JM1GJ1*5* G1 400009 – 463163	From November 24, 2014 through December 9, 2015

- If the vehicle is within one of the above year ranges, proceed to step 2.
 - If the vehicle is not within one of the above year ranges, return the vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for a Campaign Label 1517H attached to the vehicle's hood or bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Verify Recall number as the vehicle may have multiple Recalls.

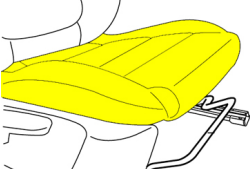

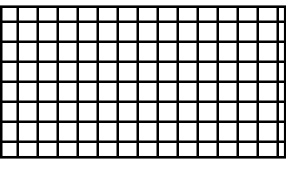
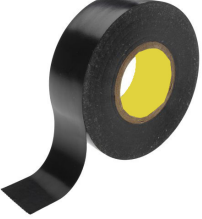



CAMPAIGN LABEL	
CAMPAIGN NO:	_____
DEALER CODE:	_____
DATE:	__ / __ / __
P/N 9999-95-065A-06	
1326b	

eMDCS System - Warranty Vehicle Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
1517H OPEN	Present	Contact the Warranty Hotline at (877) 727-6626 to update vehicle history.
	Not Present	Proceed to "B. REPAIR PROCEDURE".
1517H CLOSED	Present	Return vehicle to inventory or customer.
	Not Present	Proceed to "C. CAMPAIGN LABEL INSTALLATION".
1517H is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

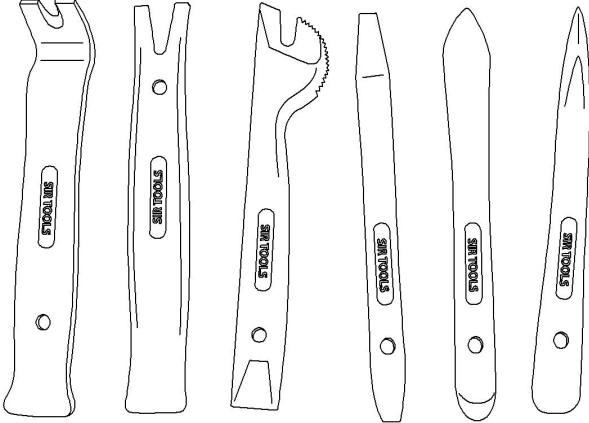



PREPARATION:

Parts				
				
Seat cushion** with occupancy sensor G***-88-11XA	Felt pad U009-88-0A9 -52	Cushion pad tape ZZT1-47-859	Electrical tape	Fastener* for power seat G032-68-865A-00

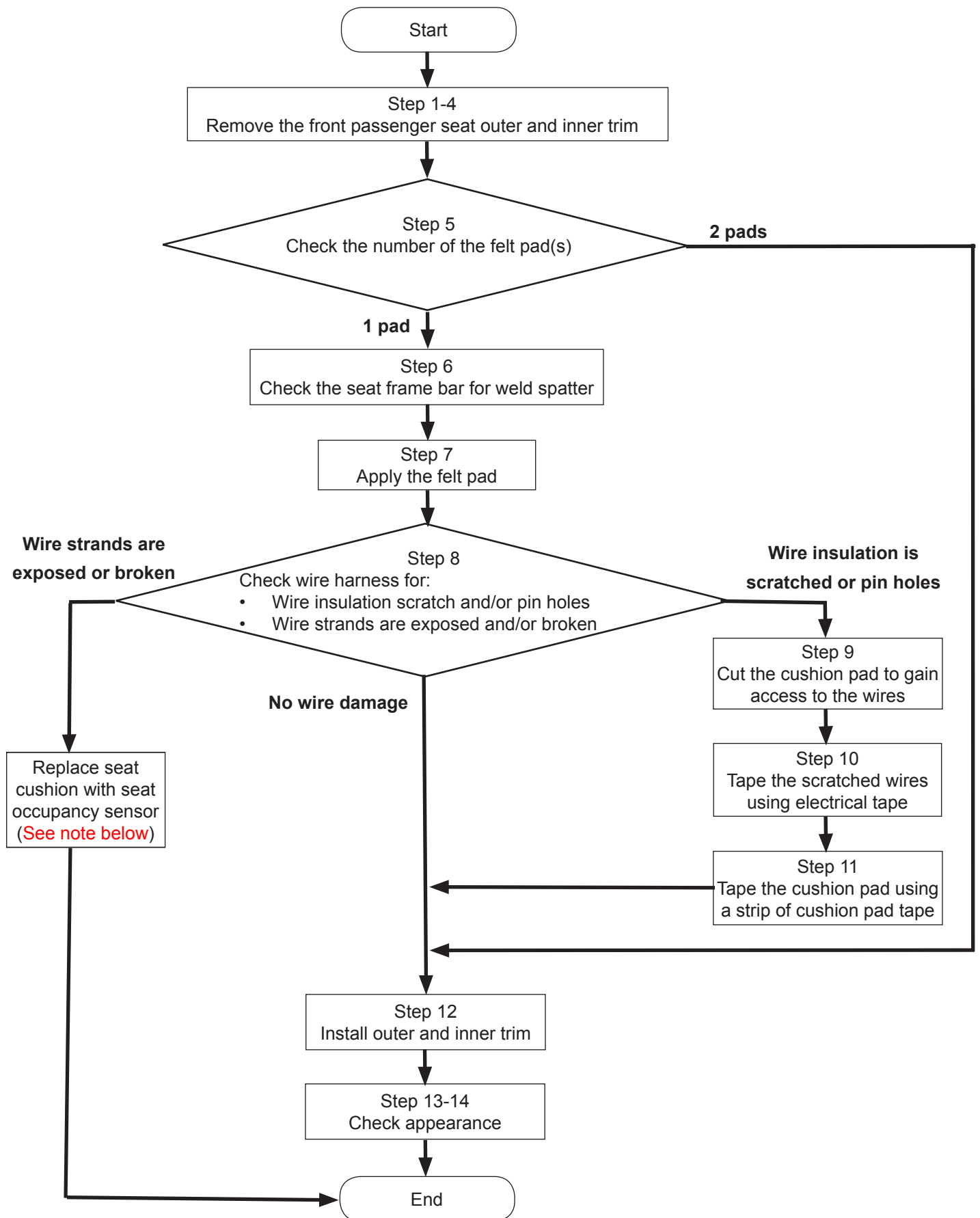
* Only replace fastener clip(s) if broken during repair.

** Only replace seat cushion if wire strands are exposed or wire strands are broken.

*** Use GEPC with VIN for correct part.

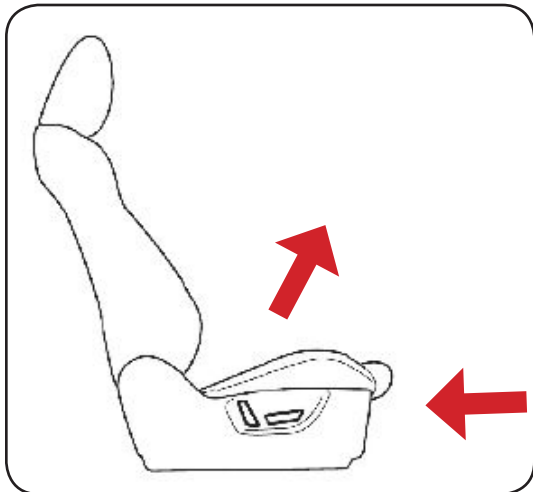
Tools			
			
Trim Fastener and Molding Remover Set		Scissors	Gloves
			
			Flash Light

REPAIR OVERVIEW



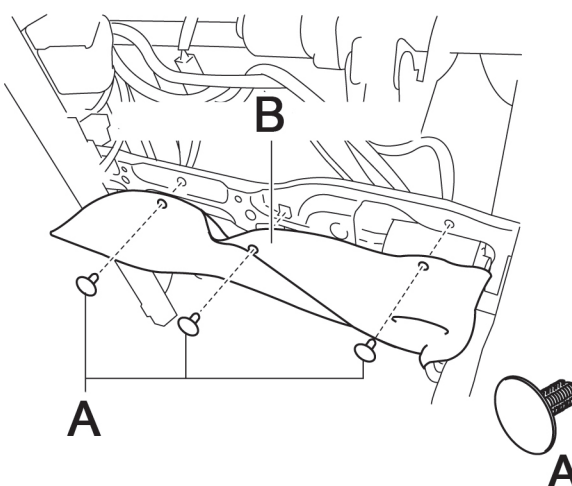
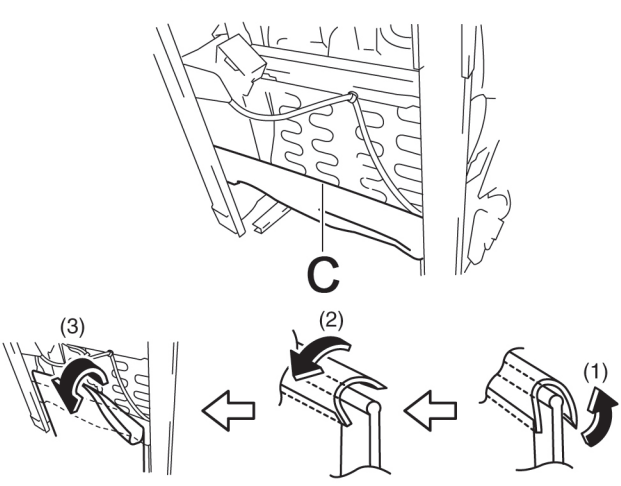
B. REPAIR PROCEDURE

1. Move the front passenger seat to upper-most and rear-most position. **NOTE: If the seat cushion requires replacement a clear photo of the broken or exposed wires will be required for the warranty claim. Please make sure to follow Warranty Scrap policy 7.7 regarding parts retention for this recall repair.**



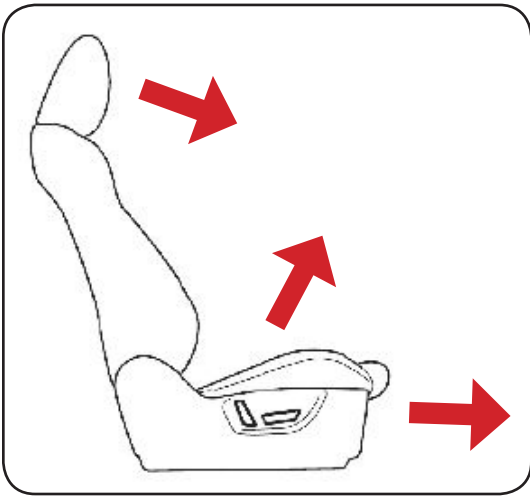
2. Remove the outer trim from the front side.

CAUTION: Wear protective gloves to avoid injury by edges of the frame.

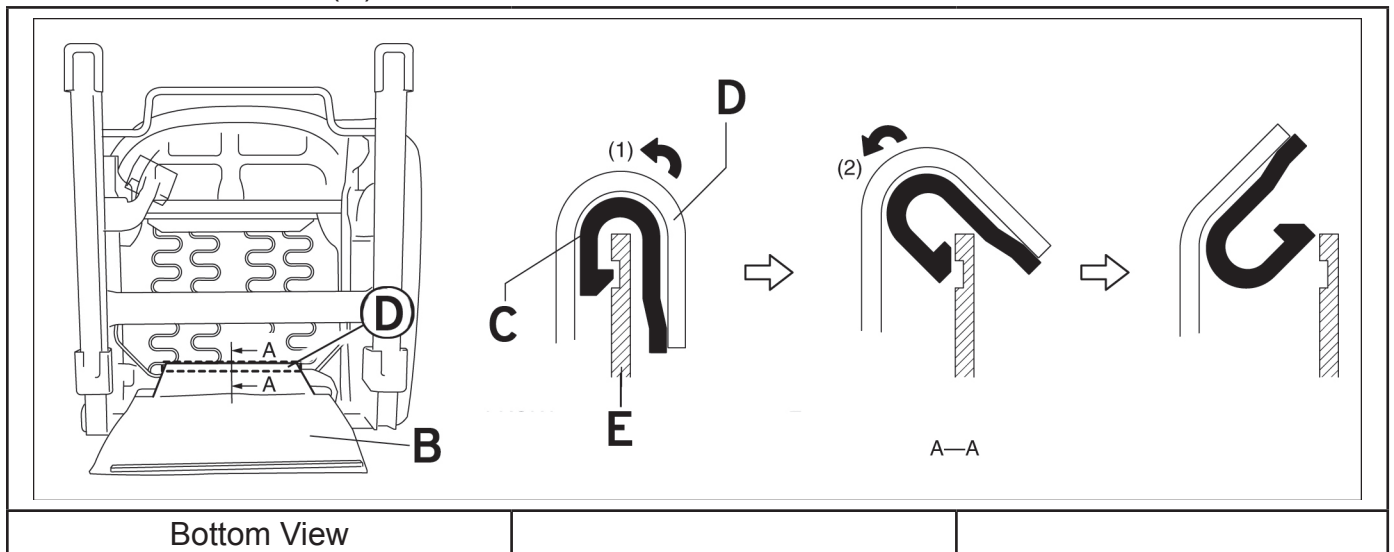
With Power Seats Remove fasteners (A) and outer trim (B)	Without Power Seats Detach hook (C) as shown (1), (2), (3).
 A line drawing of the seat frame with the outer trim (B) being removed. Fasteners (A) are shown being removed from the trim. A separate drawing of a fastener (A) is shown below.	 A line drawing of the seat frame with a hook (C) being detached. Three numbered steps (1), (2), and (3) illustrate the process of detaching the hook. Step (1) shows the hook being lifted, step (2) shows it being moved, and step (3) shows it being detached.
Use the Trim Fastener and Molding Remover remover tool.	

3. Move the passenger seat to upper-most and front-most position. Tilt the seat back forward.

NOTE: Avoid the head rest contact with ceiling.



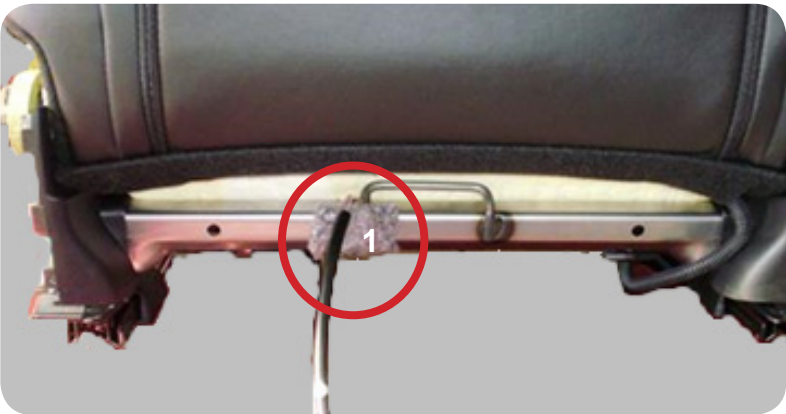

4. Remove the inner trim (D) from the bottom back of the cushion.



Move the hook (C) in the order of arrows (1) and (2). Set the inner trim (D) away from the front seat cushion frame (E). If it is difficult to remove the hook of the inner trim because of its tension, roll and grab the outer trim (B) and gently pull down to reduce the tension of the inner trim.

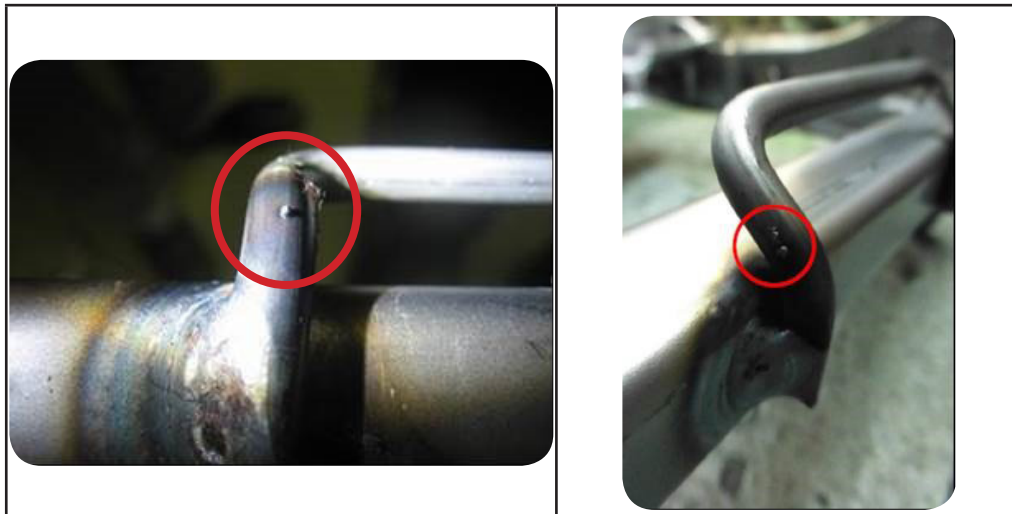


5. Check the number of the felt pad(s).
 - a. One pad is found - Proceed to step 6.
 - b. Two pads are found - Proceed to step 12 (trim installation).


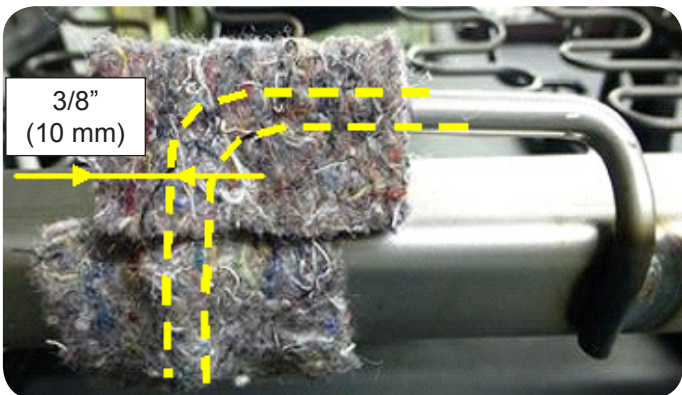
	
One pad	Two pads
Some portions of the cushion have been removed for sample view.	

6. Check the seat frame bar for weld spatter.

Note: If weld spatter is found, the wiring harness may be damaged at step 8.








7. Apply the felt pad.

	
Wrap the bar with additional pad.	The upper pad should cover the lower pad.

8. Check wire harness insulation for damage on all four (4) colored wires. Use the table below to determine repair action.



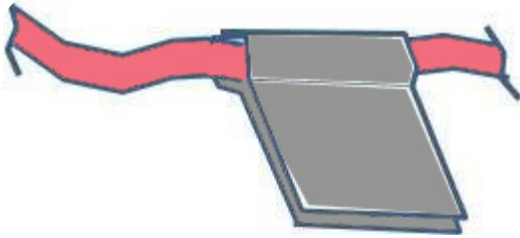
Wire image	Condition	Action
	Good Condition No wire damage is found.	Proceed to step 12 (trim installation)
	Wire insulation is scratched. (wire strands are not exposed)	Proceed to step 9 (wrap wire with insulating tape)
	Wire insulation is scratched and pin hole(s) is/are visible.	
	Lead wire strands are exposed.	Replace the front passenger seat cushion with occupancy sensor. Refer to MGSS online Workshop Manual FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION. Then proceed to C. CAMPAIGN LABEL INSTALLATION.
	Lead wire strands are broken.	

9. Turn the cushion pad over and cut it to gain access to the wires.



10. Wrap the scratched portion of each individual wire separately using a strip of the electrical insulating tape.

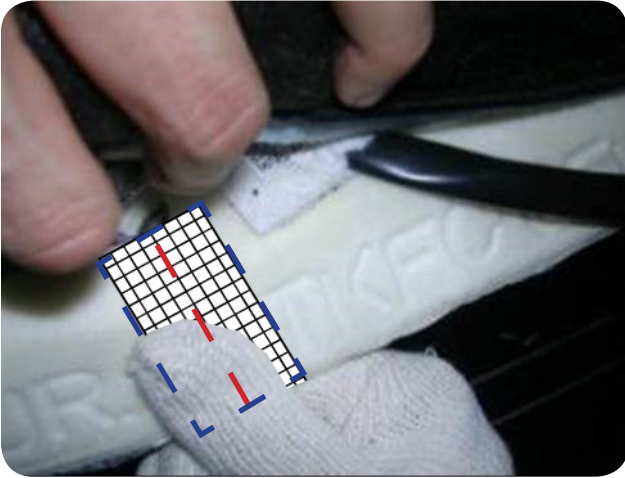
NOTE: Remove moisture, oil, and dust from the area to be taped.



CAUTION: Do not tape all 4 wires together until each wire has been taped individually.

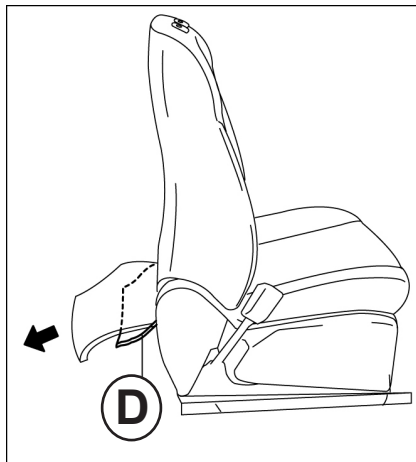
11. Repair the slit of the cushion pad using a strip of cushion pad tape.

NOTE: Remove moisture, oil, and dust from the area to be taped.

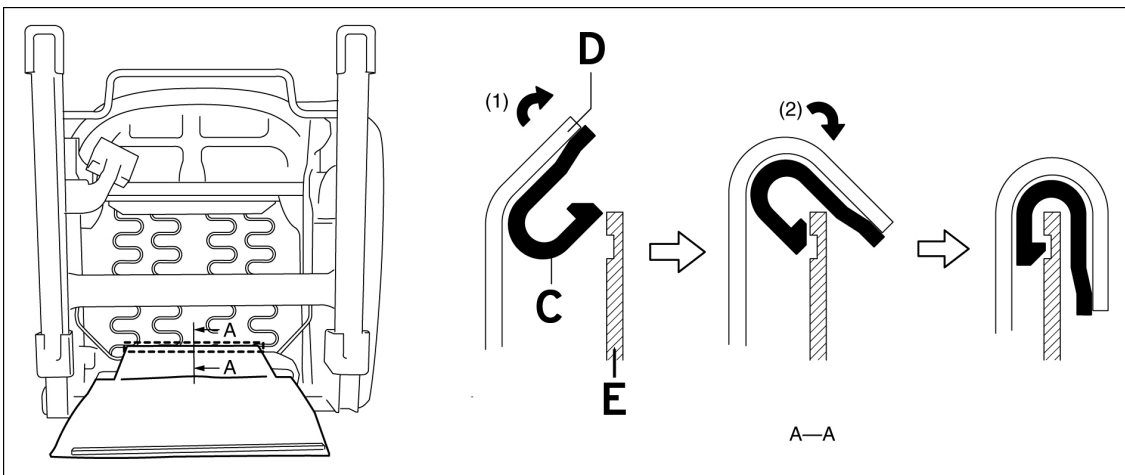


12. Install the inner and outer trims.

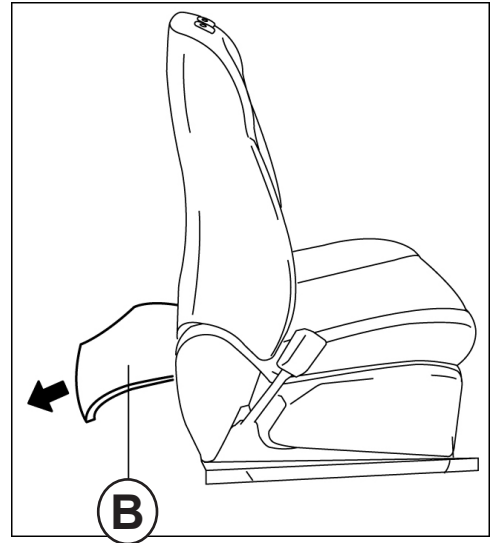
a. Pull the inner trim (D) in the direction of the arrow shown. Remove the wrinkles on the front seat cushion trim.



b. Move the hook (C) in the order of arrows (1) and (2) shown. Install the inner trim (D) to the front seat cushion frame (E).

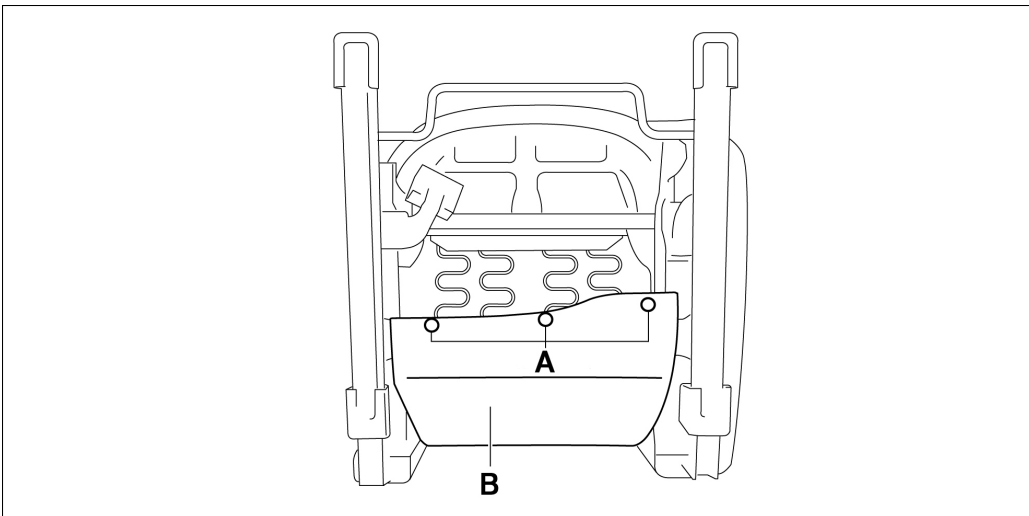


c. Pull the outer trim (B) in the direction of the arrow shown. Remove the wrinkles on the front seat cushion trim.



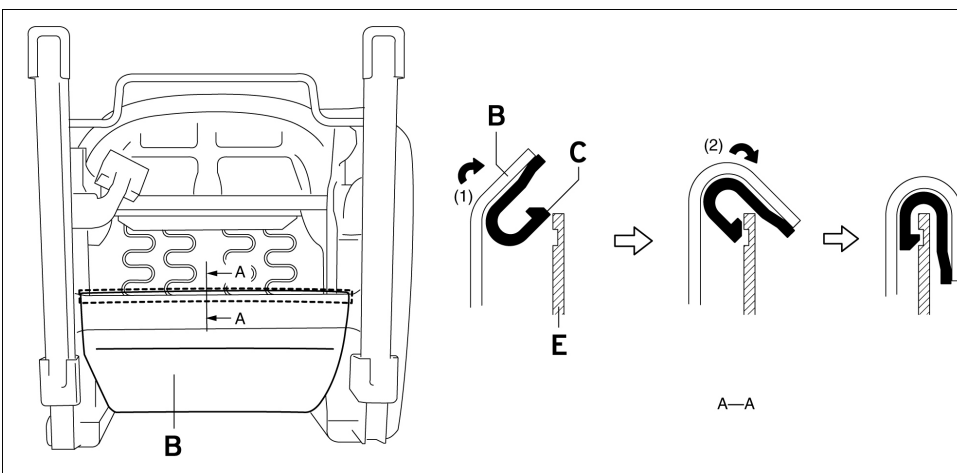
d. With Power Seat System

Install the fasteners (A) and the outer trim (B) to the front seat cushion frame.



e. Without Power Seat System

Move the hook (C) in the order of arrows (1) and (2) shown. Install the front seat cushion trim (B) to the front seat cushion frame (E).



13. Confirm that the cushion pad is not exposed. Correct if necessary.



14. Check for wrinkles on the surface of the seat cushion and correct if necessary. Correct seat surface position if necessary.



15. Proceed to C. CAMPAIGN LABEL INSTALLATION.

C. CAMPAIGN LABEL INSTALLATION

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "1517H", your dealer code, today's date.

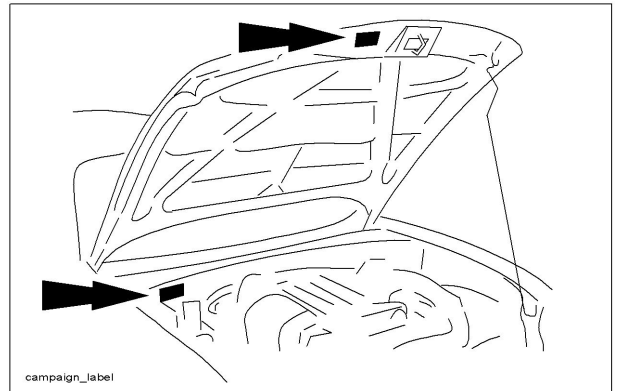
CAMPAIGN LABEL

CAMPAIGN NO:	_____
DEALER CODE:	_____
DATE:	__ / __ / __

P/N 9999-95-065A-06

1326b

2. Affix the Campaign Label to the hood or bulkhead as shown:



3. Return the vehicle to the customer.