

Mazda North American Operations



March 13, 2009

NHTSA
1200 New Jersey Ave SE
Washington, DC 20590
Attn.: Assoc. Admin. for Enforcement
To Whom It May Concern:

Attached you will find documents mailed to dealers about the following Mazda campaigns:

- Recall 5309B – 2007-2009 CX-9 Power-adjustable Driver's Seat Voluntary Safety Recall.
- SSP78 – 2007-2008 CX-9 Airbag Warning Light Special Service Program.

Thank you,

Gabriela Laur
Program Manager, Recalls and Compliance
Mazda North American Operations
(949) 442-6590
glaur@mazdausa.com



TO: All Mazda Dealership General Managers, Service Managers, and Parts Managers

DATE: March 2009

SUBJECT: 2007-2009 CX-9 Power-Adjustable Driver's Seat Voluntary Safety Recall 5309B

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in certain 2007-2009 CX-9 vehicles equipped with power-adjustable driver's seat with position memory function and produced from October 24, 2006 through January 19, 2009.

On certain 2007-2009 CX9 vehicles equipped with the power driver's seat and 3-memory setting, a front cover bracket attached to the seat frame may interfere with a harness routed underneath the seat. If this happens, the harness may be damaged and certain wires of the seat motors may touch the bracket and cause a short-circuit. In the worst case, some functions such as seat position, height adjustment, and seatback reclining may be activated unexpectedly and be uncontrollable, causing serious difficulty in driving increasing the risk of a crash. Please note only GT (Grand Touring) trim level is equipped with a power driver's seat and 3-memory setting.

Owners of affected vehicles will be notified by first class mail beginning March 11, 2009.

This package contains important information about Voluntary Safety Recall 5309B:

Attachment I	Dealer Service and Parts information
Attachment II	Repair procedures
Attachment III	Owner notification letter

The National Traffic and Motor Vehicle Safety Act prohibits the delivery of any subject vehicle without performing the necessary repair for defects or failures. Failure to perform applicable recalls before delivery can result in extensive dealer fines and penalties from the Federal Government. Therefore, you must complete this recall for all affected vehicles in your inventory prior to delivery.

To help you effectively perform this recall, Mazda has developed the following resources:

1. Service and Parts recall instructions follow (Attachment I), were e-mailed to your Service Department, and are also available on eMDCS and the MS3 (Mazda Service Support System) websites.
2. Inspection and repair procedures follow (Attachment II), and are also available on the MS3 (Mazda Service Support System) and eMDCS websites.
3. We recommend using the Recall Reminder Report available in Web Reporting to encourage customers to come in for the recall (with recall reminder postcards). Dealers may use such owner information for the sole purpose of conducting and performing this recall, and for no other purpose. **Using it for marketing activities is strictly prohibited and could subject your dealership to serious fines.** The information in this report is protected by state privacy and other applicable laws regarding disclosure of personal and/or confidential, restricted or blocked information. It is the dealer's responsibility to protect the confidentiality of owner records and prevent the release of information to other parties.
4. For technical assistance, call the Technical Assistance Hotline at (888) 832-8477.
5. For warranty questions, contact the Corporate Dealer Assistance Group at (877) 727-6626 Option 3.

Please make certain the appropriate personnel in your dealership are aware of these resources and are familiar with the details of this recall before responding to customer inquiries.

We apologize for any inconvenience this recall may cause you and your customers. Your understanding and support in carrying out this campaign is greatly appreciated.

Sincerely,



Susumu Niinai
Director, Technical Services
Mazda North American Operations

CONDITION OF CONCERN

On certain 2007-2009 CX9 vehicles equipped with the power driver's seat and 3-memory setting, a front cover bracket attached to the seat frame may interfere with a harness routed underneath the seat. If this happens, the harness may be damaged and certain wires of the seat motors may touch the bracket and cause a short-circuit. In the worst case, some functions such as seat position, height adjustment, and seatback reclining may be activated unexpectedly and be uncontrollable, causing serious difficulty in driving increasing the risk of a crash.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2007-2009 CX-9 GT (Grand Touring)	JM3 TB**** 70 100082 – 121109 JM3 TB**** 80 121111 – 164252 JM3 TB**** 90 164254 – 172398	From October 24, 2006 through January 19, 2009

Note: The asterisk symbol "*" can be any letter or number.

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning **March 11, 2009**.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Campaign Label	9999-95-065A-05	1=50 labels	Obtain in MStore (no charge)
Tie wrap	Obtain Locally	1 per vehicle	30 cm L x 5 mm W x 1.6 mm D (11.8in x 0.2in x 0.063in)
Duct/Cloth Tape	Obtain Locally	1 pc/ vehicle	50mm x 50mm (2.0in x 2.0in)
Insulation / Electrical Tape	Obtain Locally	As needed	

WARRANTY CLAIM PROCESSING INFORMATION

	Inspection, Tie Wrap Fastening and/or Harness Taping	Inspection, Tie Wrap Fastening, Harness Taping and Repair on Electric Wire
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	A0903B	A0903B
Part Number Main Cause	7777-SP-E06	7777-SP-E06
Part Quantity	0	0
Labor Operation Number	XXE0MXTX	XXE0MARX
Labor Hours	0.2	0.4

Note: Labor Hours include the costs of tie wrap, duct/cloth tape and electrical/insulation tape.

RENTAL CAR

As a reminder, owners may request information about their eligibility for a rental car. Rental car reimbursements are available only on vehicles within the mileage and time limitations under the Mazda New Vehicle Limited Warranty as stated in the Rental Car Reimbursement Program (Policy No. 12.0).

	Rental Agency Vehicle	Dealer Loaner Car Fleet Vehicle
Warranty Type Code	A	A
Symptom Code	99	99
Damage Code	99	99
Part Number Main Cause	5555-RE-NTAL	5555-LO-ANER
Part Quantity	0	Number of days loaner car was used Mazda pays \$35.00/day
Labor Operation Code	MM012XRX	MM012XRX
Labor Hours	0.0	0.0
Sublet – Rental Car		
Sublet Invoice Number	Number from Rental Invoice or Dealer Purchase Order	
Sublet Type Code	Enter "L"	
Sublet Amount	Up to \$30.00 per day for the number of days customer had rental car	

Rental expenses exceeding the two-day limit will require prior DSM Authorization, as outlined in the Rental Car Reimbursement Program policy.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2007-2009 CX-9 GT (Grand Touring)	JM3 TB**** 70 100082 – 121109 JM3 TB**** 80 121111 – 164252 JM3 TB**** 90 164254 – 172398	From October 24, 2006 through January 19, 2009

If the vehicle is within the above range, go to step 2.

If vehicle is not within the above range, return it to inventory or the customer.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label **RECALL 5309B** attached to the vehicle's bulkhead.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 5309B	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626, option 2, to update vehicle history
	Not present	Proceed to "REPAIR PROCEDURE"
RECALL 5309B CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's bulkhead
RECALL 5309B is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer

Note: Verify the recall number as the vehicle may have multiple labels.

REPAIR PROCEDURES

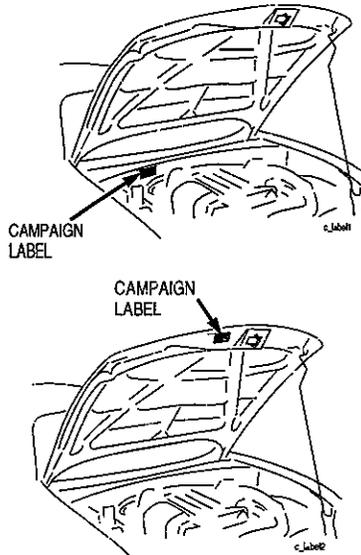
Please refer to Attachment II.

CX-9 POWER ADJUSTABLE DRIVER'S SEAT RECALL 5309B

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within the following ranges:
 - Year Range (2007-2009) Model (CX-9 in GT (Grand Touring) trim with power adjustable driver's seat and 3-memory setting function) Produced (October 24, 2006-January 19, 2009)
 - VIN Range: JM3 TB**** 70 100082-121109, JM3 TB**** 80 121111-164252 and JM3 TB**** 90 164254-172398.
 - If the vehicle is within the above range, proceed to step 2.
 - If the vehicle is not within the above range, 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 **5309B** 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.



eMDCS System - Warranty Vehicle Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
5309B OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
5309B CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Proceed to "C. CAMPAIGN LABEL INSTALLATION". Complete a label and apply to vehicle's bulkhead.
5309B is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

B. REPAIR PROCEDURE

CONCERN

The driver seat front cover bracket may contact the seat harness routed underneath the seat cushion and cause damage on the harness covering.

NECESSARY PARTS (LOCALLY SOURCED)

- Tie wrap (L x W x thickness = 300mm x 5mm x 1.6mm [11.8in x 0.2in x 0.063in]) - 1 pc for each subject vehicle
- Duct / cloth tape (50mm x 50mm [2.0in x 2.0in]) - for all the subject vehicles
- Insulation / electrical tape - for a repair of seat harness

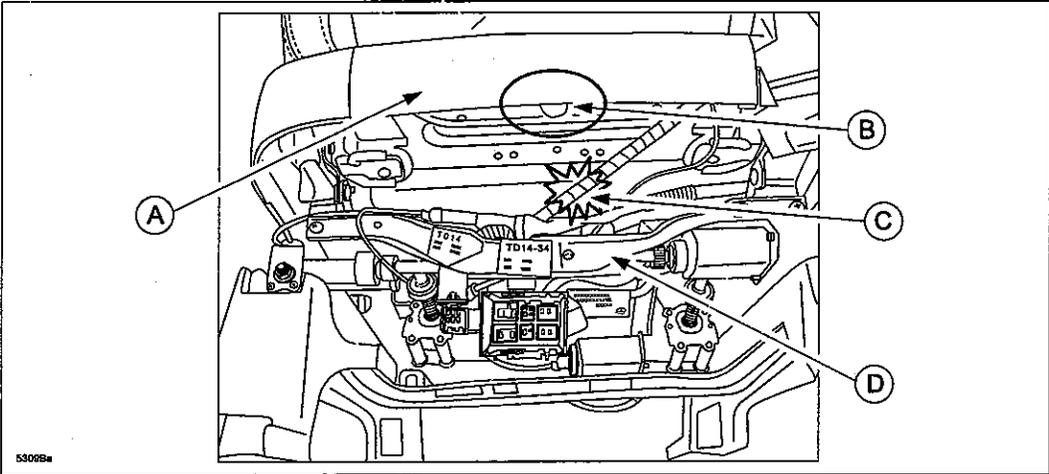
NECESSARY TOOLS

- Hand mirror
- Utility knife
- Phillips screwdriver
- Pliers
- Side cutters

INSPECTION OVERVIEW

Check condition of seat harness.

- A: Front Cover
- B: Bracket
- C: Seat Harness
- D: Seat Frame

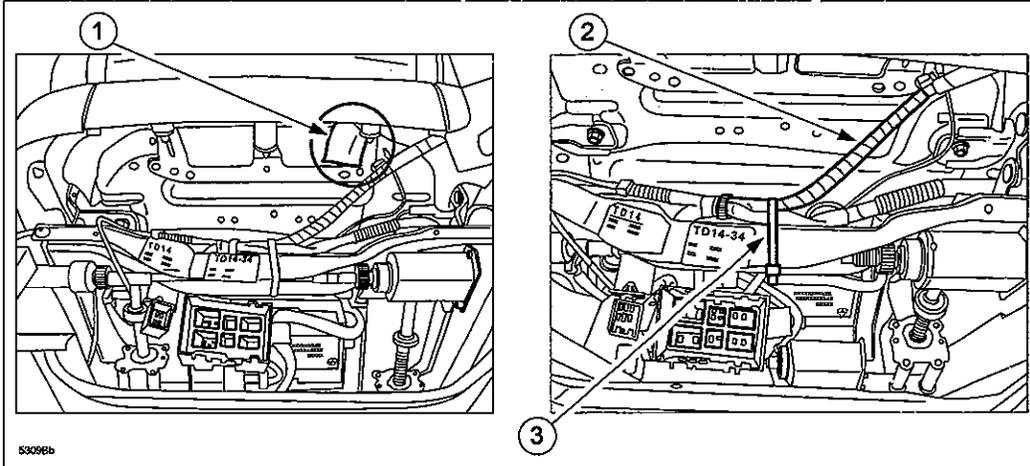


Condition of wire harness	What to do
OK (Harness has no damage)	1) Attach duct/cloth tape on the seat cushion frame. 2) Fasten the seat harness on the seat frame with a tie wrap.
NG (Harness has damage)	1) Put insulation/electrical tape on seat harness and/or on the bare wire. 2) Attach duct/cloth tape on the seat cushion frame. 3) Fasten seat harness on the seat frame with a tie wrap.

SERVICE OVERVIEW

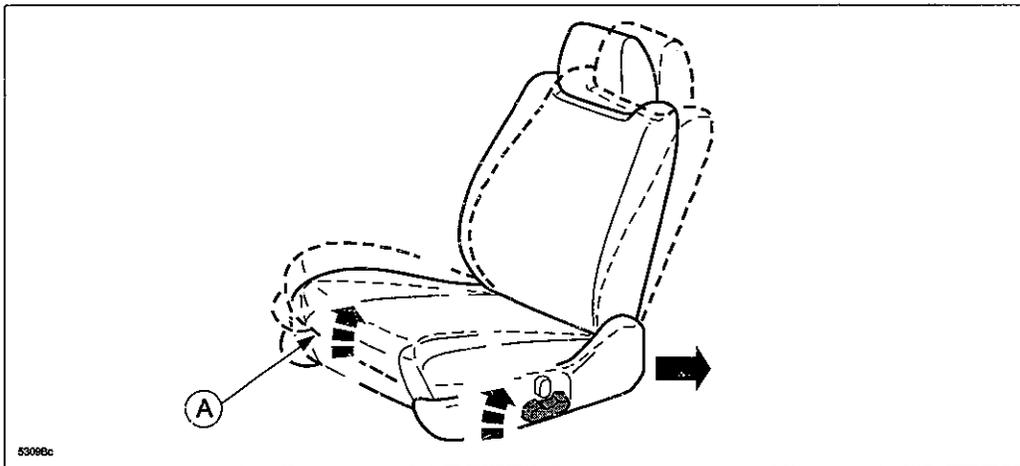
The repair involves the following steps as shown:

1. (All vehicles) Apply duct/cloth tape.
2. (Certain vehicles only) Repair seat harness.
3. (All vehicles) Fasten with tie wrap.

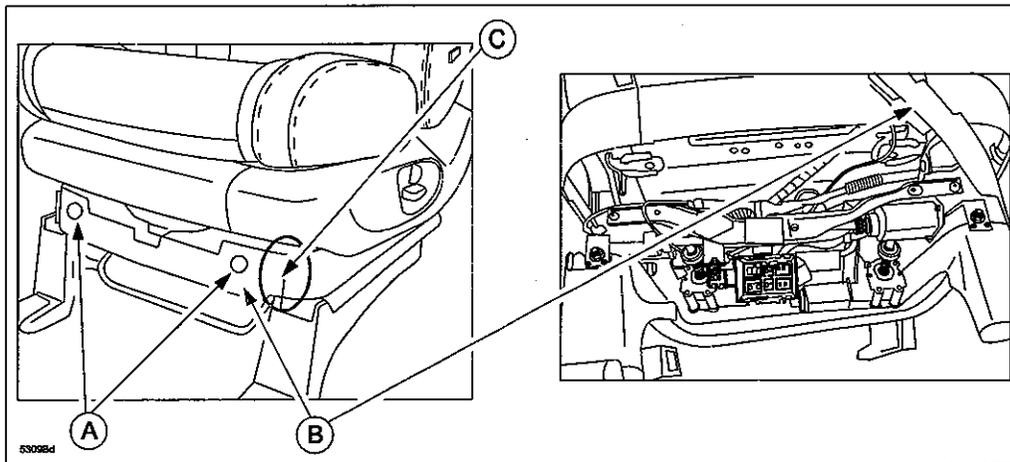


INSPECTION PROCEDURE

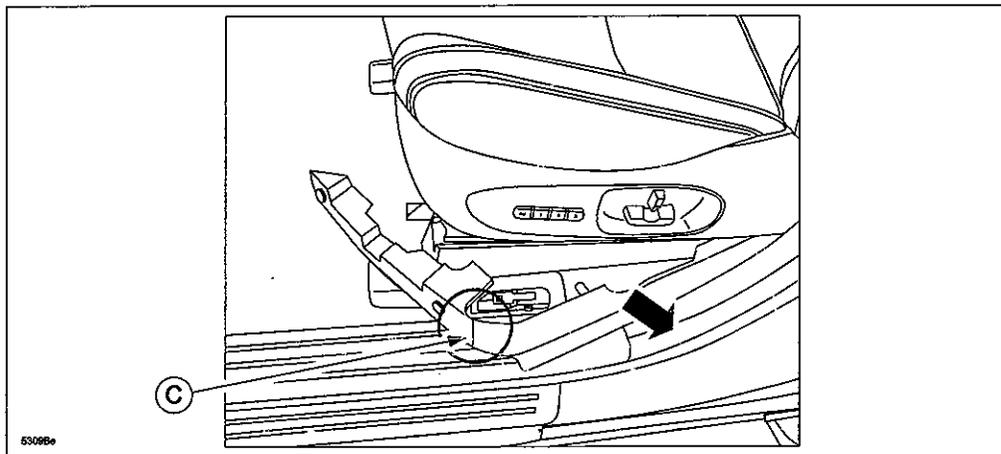
1. Adjust the front seat by moving the front and rear portions of the seat cushion (A) to their top position, and then slide the seat rearward to the furthest back position.



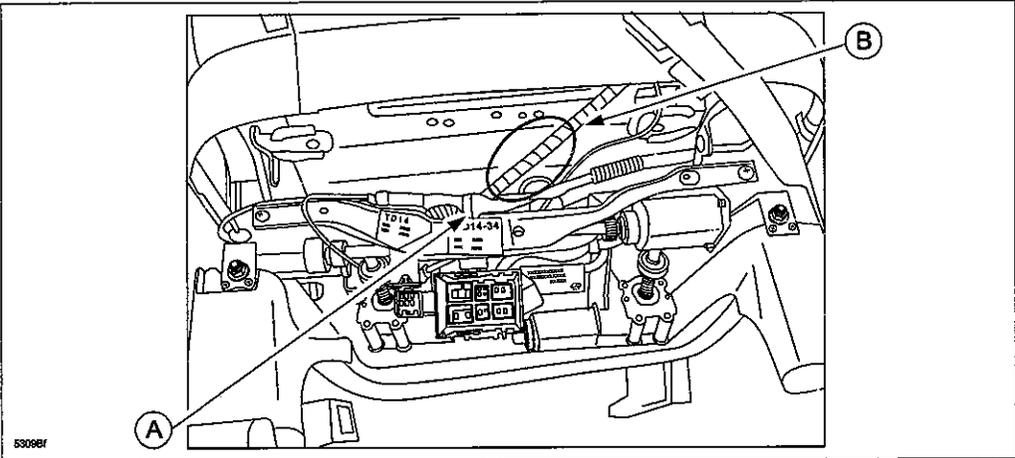
2. Remove two (2) screws (A) from the front lower cover (B), then remove front lower cover.



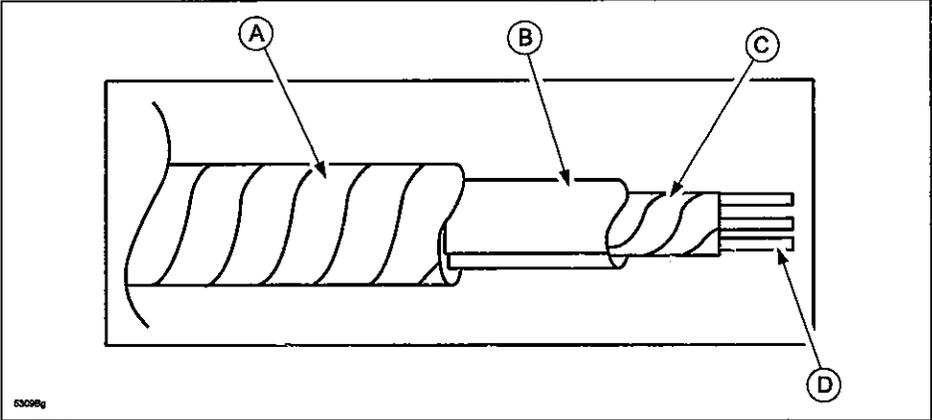
NOTE: DO NOT separate the cover at the joint section (C) to prevent breakage. The lower cover assembly (front and side) can be removed for ease of access without joint separation.



3. Inspect seat harness for any damage between the fastener (A) and the front of the seat (B).

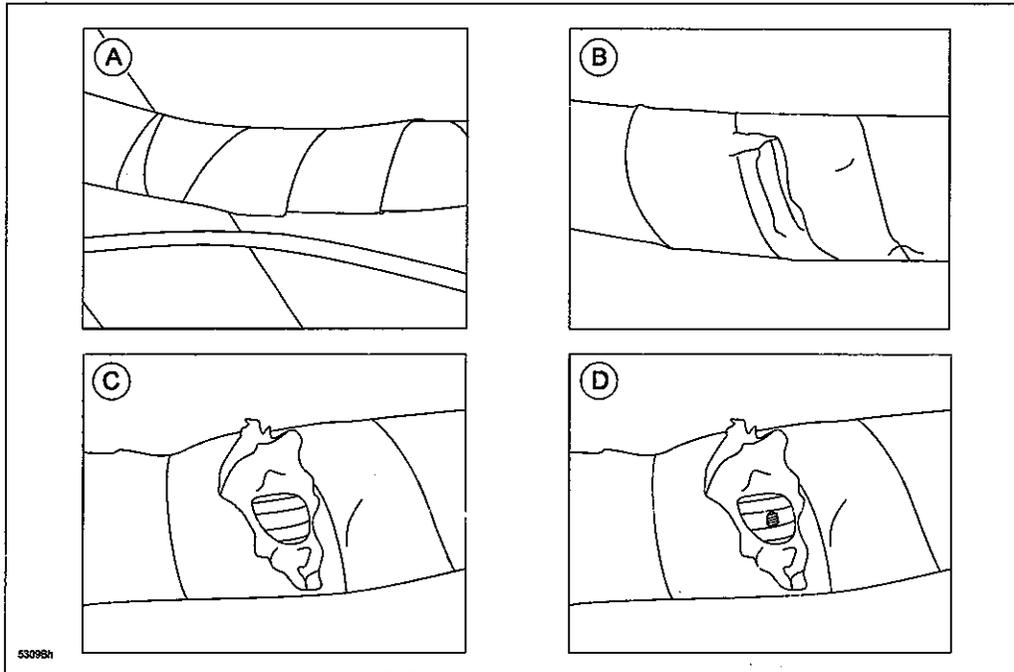


NOTE: The following diagram shows the parts of the wire harness.
A: PVC Tape (External)
B: PVC Tube
C: PVC Tape (Internal)
D: Electric Wire



ATTACHMENT II
5309B

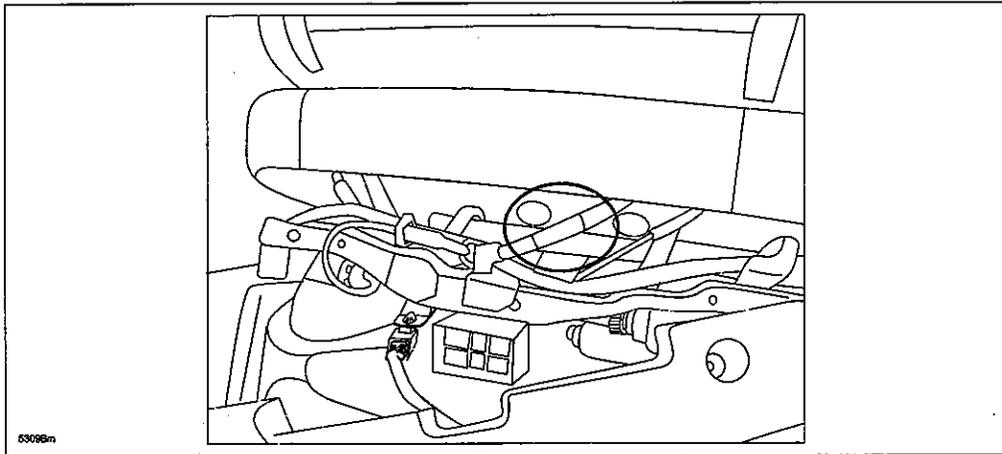
4. From the illustrations below, identify which of the following four (4) conditions exists (A, B, C, or D), and then proceed to the appropriate step.



	Condition of wire harness	What to do
A	Harness is OK (no signs of visible damage)	Proceed to SERVICE PROCEDURE Step 2
B	Damage exists on PVC tube (electric wire is not visible)	Proceed to SERVICE PROCEDURE Step 1
C	Electric wire covering is visible	Proceed to SERVICE PROCEDURE Step 1
D	Electric Wire covering is damaged and bare wire is visible	Proceed to ELECTRIC WIRE REPAIR PROCEDURE

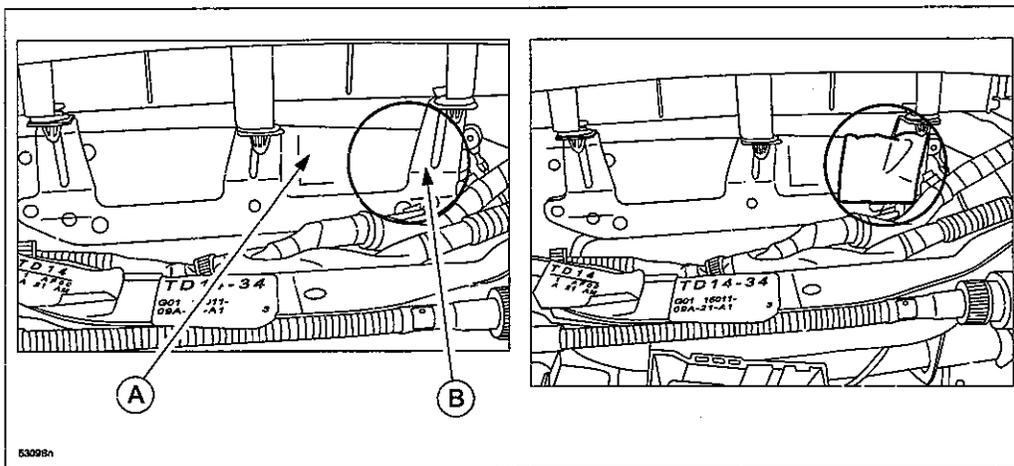
SERVICE PROCEDURE

1. Apply insulation/electrical tape around the damaged area.



2. Attach duct/cloth tape to the cushion frame (A) and front cover bracket (B) as shown in the illustration.

NOTE: The duct/cloth tape prevents possible harness damage from contact with the cover bracket once the repair is completed.

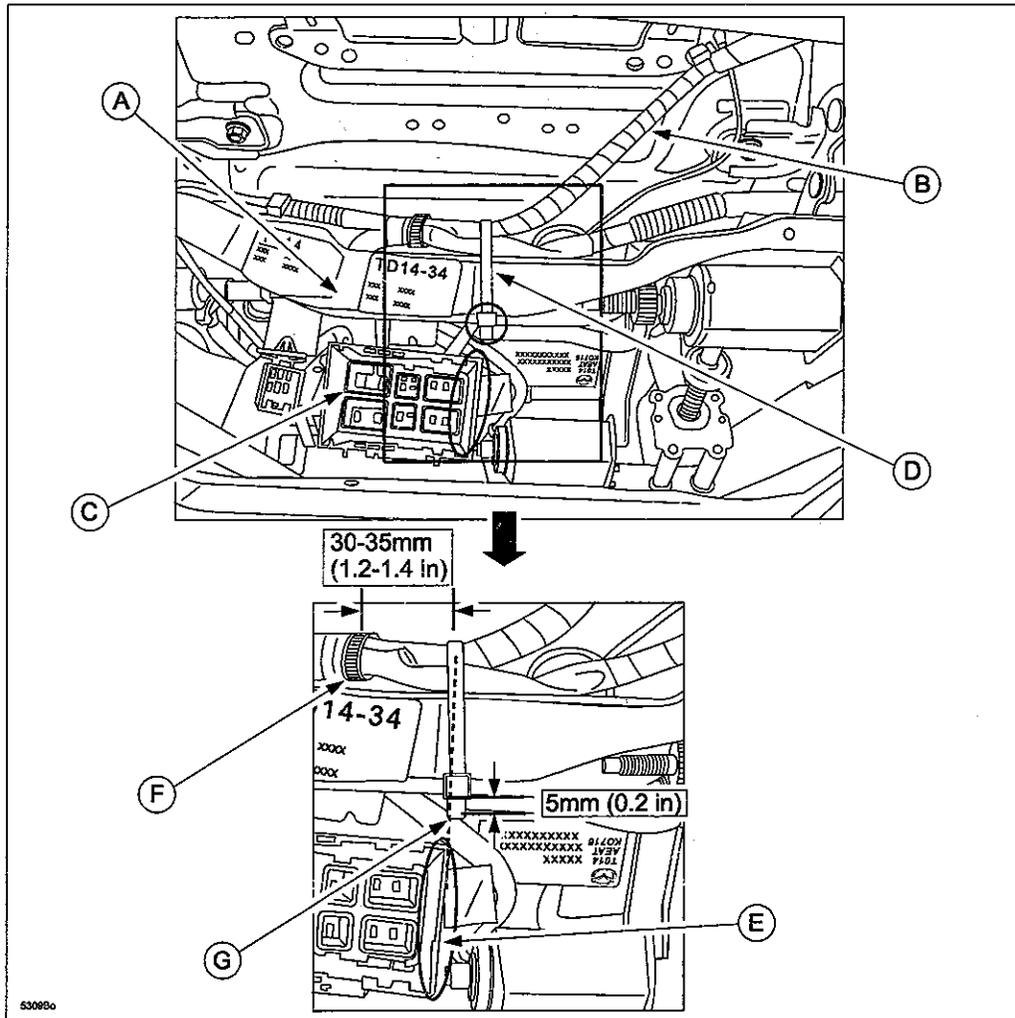


3. Fasten the seat harness on the seat frame using a tie wrap.

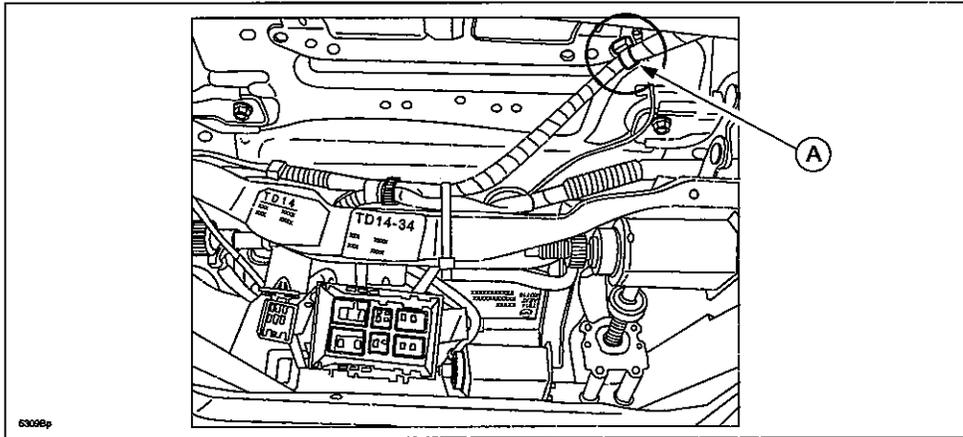
- A: Seat Frame
- B: Seat Harness
- C: Connector Box
- D: Tie Wrap

NOTE:

- Be sure to align tie wrap with the side wall of the connector box (E) and that the distance from the tie wrap to the existing band (F) is 30-35mm (1.2-1.4 in.).
- Cut the tie wrap leaving 5mm (0.2 in) from the tie wrap locking head (G).

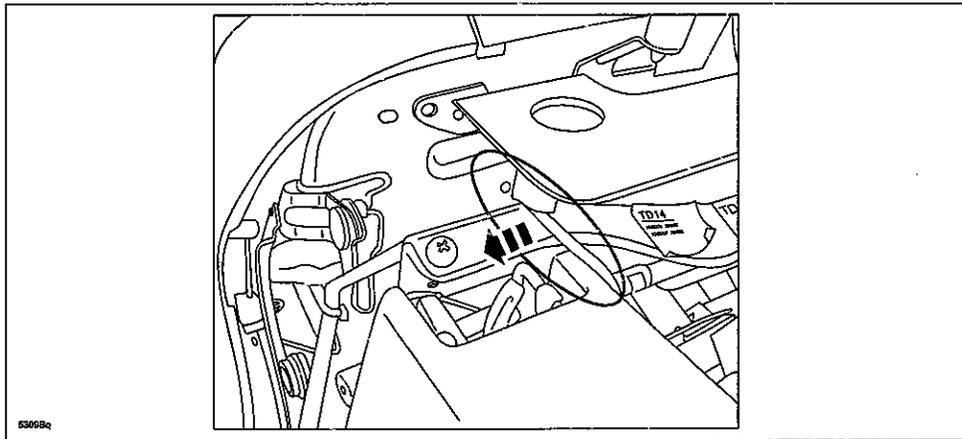


NOTE: The existing band clip (A) may come off during the repair, but it is not necessary to refasten it to the original location. If the band clip does come off, simply remove and discard it.



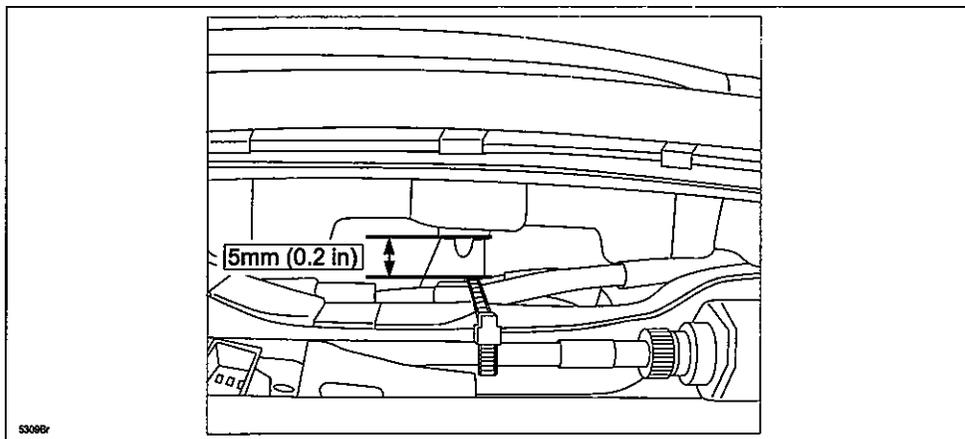
4. Reinstall the front lower cover by tightening the two (2) screws.

NOTE: Be careful not to pinch the harness between the covers while installing the front lower cover.



5. If applicable, reconnect the negative battery cable.

6. Lower the front and rear portions of the seat cushion to their bottom position. Confirm that the clearance between the front cover bracket and seat harness is 5 mm (0.2 in) or more using a hand mirror.



7. Repair is completed.

ELECTRIC WIRE REPAIR PROCEDURE

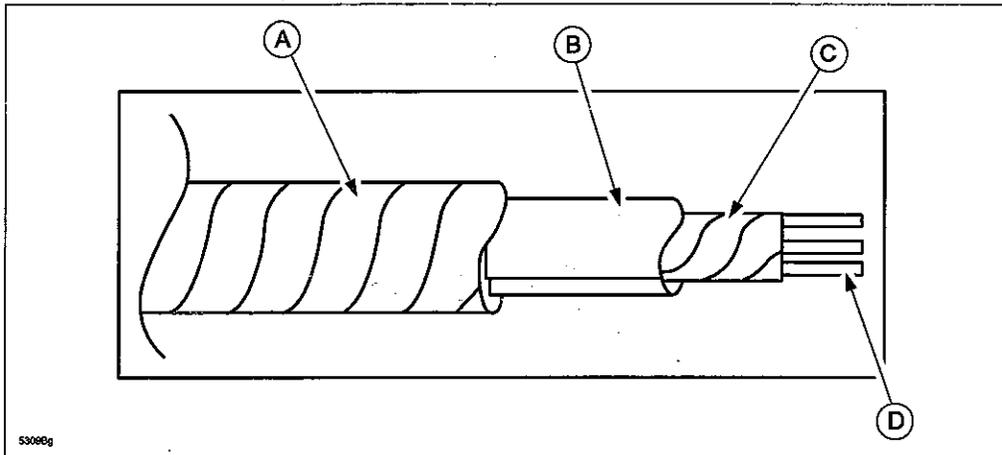
Perform this procedure only if condition D (bare wire is visible) exists. Otherwise, proceed to Step 1 in SERVICE PROCEDURE.

NOTE: The front seat DOES NOT need to be removed to perform repair.

CAUTION: Repair on the electric wire requires disconnecting the negative battery cable. Disconnect the negative battery cable and wait at least one (1) minute.

NOTE: The following diagram shows the parts of the wire harness for the following steps.

- A: PVC Tape (External)
- B: PVC Tube
- C: PVC Tape (Internal)
- D: Electric Wire



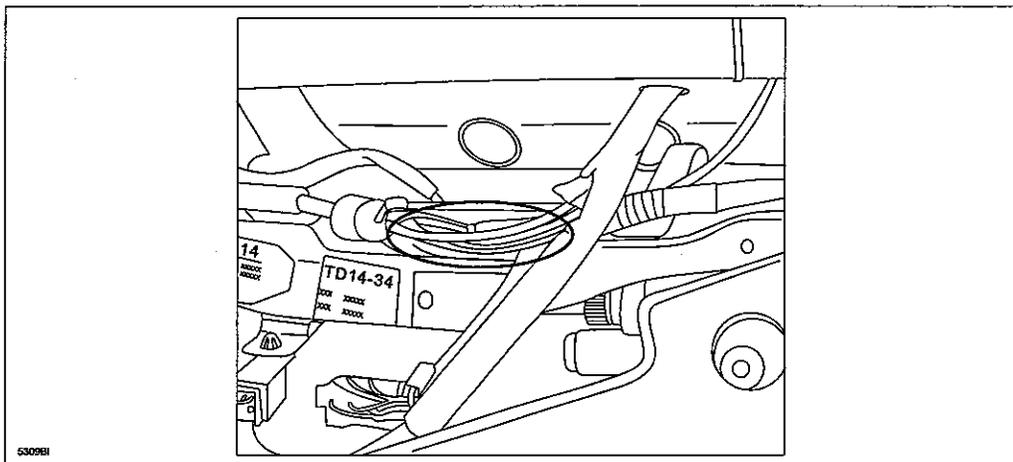
1. Remove external PVC tape.

2. Temporarily detach the PVC tube.

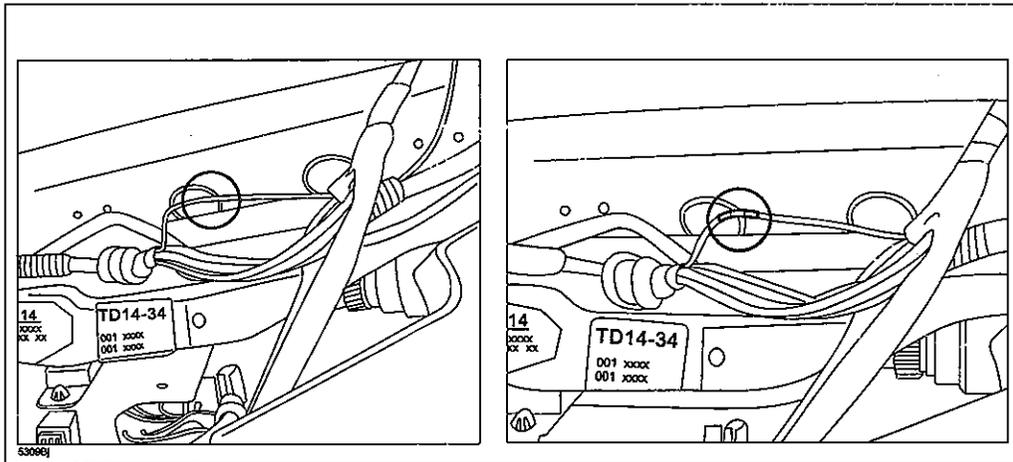
NOTE: Do not remove the PVC tube completely as it will be reused.

3. Remove internal PVC tape while making a small cut in the tape with a utility knife.

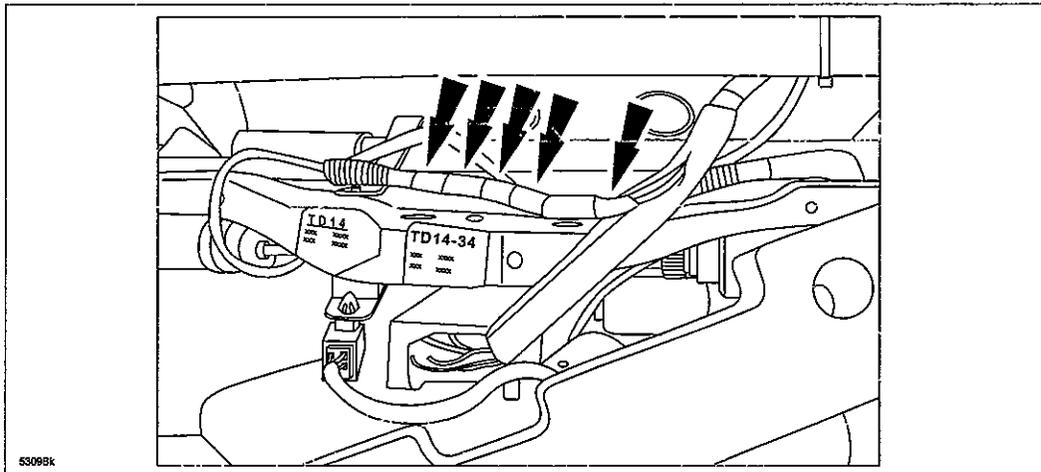
NOTE: Be careful not to damage the electric wire.



4. Apply insulation tape around the damaged area where bare wire is visible.

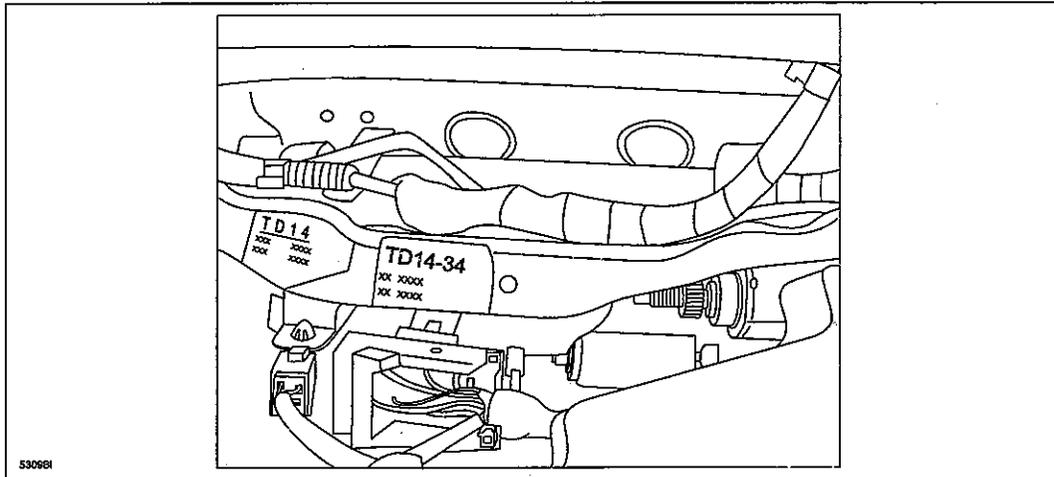


5. Bundle the electric wires, and then apply insulation/electrical tape approx. 80mm (3.15 in.) in length on the harness at five (5) points.



6. Reinstall the PVC tube, and then apply insulation/electrical tape approx. 80mm (3.15in.) in length (x multiple pieces) around the tube.

NOTE: Apply the insulation/electrical tape securely and confirm that no gap exists.



7. Proceed to Step 2 in SERVICE PROCEDURE.

C. CAMPAIGN LABEL INSTALLATION

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "5309B", your dealer code, today's date, and affix it to the vehicle's bulkhead as shown in "A. VEHICLE INSPECTION PROCEDURE".

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

P/N 9999-95-065A-06

1326b

2. Return vehicle to customer.



March 2009

2007-2009 CX-9 Power-Adjustable Driver's Seat Voluntary Safety Recall 5309B

Dear Mazda Owner:

This notice is sent to you in accordance with the requirements of the National Highway Traffic and Motor Vehicle Safety Act.

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in certain 2007-2009 CX-9 vehicles equipped with power-adjustable driver's seat with position memory function and produced from October 24, 2006 through January 19, 2009.

If you are a recipient of this notice, your vehicle is included in this recall.

What is the problem?

On certain 2007-2009 CX9 vehicles equipped with the power driver's seat and 3-memory setting, a front cover bracket attached to the seat frame may interfere with a harness routed underneath the seat. If this happens, the harness may be damaged and certain wires of the seat motors may touch the bracket and cause a short-circuit. In the worst case, some functions such as seat position, height adjustment, and seatback reclining may be activated unexpectedly and be uncontrollable, causing serious difficulty in driving increasing the risk of a crash.

What will Mazda do?

Your Mazda dealer will inspect the seat harness and fasten it securely on the seat frame with a binding band, and if necessary, repair the harness covering **free of charge**. The inspection and repair may take between 30 minutes to 1 hour to complete depending on the necessary repair; however, it may take longer depending on the service workload at your Mazda dealership.

As a reminder, Mazda may provide alternate transportation when your vehicle is at an authorized Mazda dealership for a warranty repair. To be eligible for alternate transportation, your vehicle must be within the mileage and time limitations under the Mazda New Vehicle Limited Warranty or Powertrain Limited Warranty for 2007 and newer model years, and adhere to the Rental Car Reimbursement policy. Ask your dealer for details about the Mazda Rental Car Reimbursement Program.

What should you do?

Mazda is concerned about your safety, and we encourage you to make an appointment with any authorized Mazda dealer to have the seat harness inspected as soon as possible. You do not need to bring this notice to the dealer, but it may assist in the check-in process.

What if you already paid for a seat harness repair?

If you have already paid for the inspection and/or repair of the seat harness due to unexpected driver's seat activation prior to receiving this notice, you may be eligible for reimbursement of reasonable repair expenses based on Mazda's repair standards.

Please complete the enclosed "Reimbursement Application Form", include the necessary documentation, and mail it to us in the pre-addressed envelope provided, allowing 6-8 weeks for processing.

Where is the closest Mazda dealer?

To locate your nearest Mazda dealer, visit our web site and try our "Locate a Dealer" feature at www.MazdaUSA.com or consult your local yellow pages.

Moved or no longer own this vehicle?

If you have moved or no longer own your Mazda vehicle, please complete the enclosed prepaid *Information Change Card* as soon as possible. This enables us to update our records and notify the current owner.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Still have questions?

If you have any questions regarding this campaign, please contact our Customer Assistance Center at (800) 222-5500, option #6.

If Mazda or its dealers do not repair the defect free of charge and within a reasonable amount of time, you may notify the Administrator of the National Highway Traffic Safety Administration, 1200 New Jersey Ave., SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

We actively work to improve our products and search for solutions to improve your ownership experience. Please accept our apologies for any inconvenience this recall may have caused you.

Sincerely,

Mazda North American Operations