

Gaby Laur

From: Technical Services Department
Sent: Thursday, April 23, 2009 3:48 PM
Subject: Upcoming 2010 Mazda3 Emission Harness Voluntary Safety Recall 5409D
Attachments: eFC-I-09-00034b.pdf

Tracking:	Recipient	Read
	All Dirs All Rgns - DL	
	All Dirs All Rgns - OF	
	All Dirs All Rgns - PT	
	All Dirs All Rgns - SR	
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	Micheal Spillars	Read: 4/27/2009 6:29 AM
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	Toshiaki Aoki	
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	Ed Stechman	Read: 4/27/2009 4:18 AM



MAZDA DEALER EMAIL
ZOOM-Zoom

zoom-zoom

Attention Mazda Service and Parts Managers:

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in certain 2010 Mazda3 vehicles equipped with LF or L5 engine and produced from October 7, 2008 through April 10, 2009.

On certain 2010 Mazda3 vehicles, the clearance between the emission harness and the housing of the starter motor may be insufficient. Due to this, the covering of the harness may be damaged from vibration during operation, resulting in a short-circuit between the harness wires and the starter housing. This condition could cause an engine control malfunction and/or poor shift quality. In the worst case, the main fuse may blow out, causing the engine to stall and an inability to restart, increasing the risk of a crash.

TIMING

Dealer mailing date: April 24, 2009

Owner mailing date: May 6, 2009

5/4/2009

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2010 Mazda3 LF, L5 Engine	JM1 BL**** A1 100120 – 148098	From October 7, 2008 through April 10, 2009

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

PLEASE NOTE: Many of these vehicles have already been repaired at the factory and at the ports as well.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Automatic Transmission Parts Set	0000-99-HRK -AT	1 set/vehicle	Includes: -25mm protector clip (1 pc) - Spacer (1 pc)
Manual Transmission Parts Set	0000-99-HRK -MT	1 set/vehicle	Includes: -22mm protector clip (1 pc) - Rubber pad (1 pc)
Butyl Tape	0000-99-TAPE	As needed	3/4in x 1.5in x 0.04in
Campaign Label	9999-95-065A-05	1=50 labels	Obtain in MStore (no charge)

Please note the space after the “K” in both the A/T and M/T part numbers.

You may have received a series of parts pre-shipments to complete repairs to your dealer inventory. For those of you that have received pre-shipments, you will be automatically billed via debit memo with a reference ID of Recall 5409D Pre-Shipment.

PARTS ORDERING

Parts will be available for ordering at Olive Branch on Friday April 24, 2009.

Please follow these instructions to order additional parts:

Orders will only be accepted through the Dealer Assistance Group (DAG) website “eMail Inquiries” page as follows:

1. Go to the Dealer Assistance Group web page, or click on the link below:
https://portal.mazdausa.com/dealershome/service_parts/dag/index.htm
2. Click on “eMail Inquiries” at the top of the screen
3. Click on “Corporate Dealer Assistance Group”
4. Fill in the following required fields:
 - First name
 - Last name
 - Phone Number
 - Email Address
 - MNAO Sales Order: (enter the PO number you would like to use for the order or simply enter N/A)
 - Part Number
 - Techline Ref #: (Leave Blank)
 - Comments: Enter the VIN(s) of the vehicle(s) requiring the part(s). VIN is required for the order to be placed. Also, if you require more than one part number, enter the additional part numbers here.

Once all the fields have been entered, click on the “Submit” button. This sends an email to DAG. Your order will be placed as a CSO order with the freight charge waived, and you will be contacted with confirmation of the order

and the order number. **You do not need to call DAG once this email request has been sent.**

For parts ordering assistance, contact the Corporate Dealer Assistance Group at (877) 727-6626, option 2.

PARTS PRICING

Parts pricing can be found in eMDCS on the parts order screen. NOTE: Although this screen will show pricing, parts will only be orderable through the Dealer Assistance Group Website.

For your convenience, pricing is also listed below:

Part Number	Dealer Price	Retail Price	Warranty Price
0000-99-HRK -AT	\$1.60	\$2.67	\$2.24
0000-99-HRK -MT	\$1.60	\$2.67	\$2.24
0000-99-TAPE	\$0.50	\$0.83	\$0.70

WARRANTY INFORMATION

	Inspection & Clip Installation	Inspection, Clip Installation & Harness Taping
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	A0909B	A0909B
Part Number Main Cause / Qty	7777-SP-E14 / 0	7777-SP-E14 / 0
Related Part Number / Qty	A/T vehicles: 0000-99-HRK -AT / 1	A/T vehicles: 0000-99-HRK -AT / 1 0000-99-TAPE / 1
	M/T vehicles: 0000-99-HRK -MT / 1	M/T vehicles: 0000-99-HRK -MT / 1 0000-99-TAPE / 1
Labor Operation Code	XXE1MARX	XXE1MBRX
Labor Hours	0.3 hrs	0.4 hrs

Inspection and repair procedures are attached and are available on the Mazda Service Support System (MS3) website and on eMDCS using Campaign Inquiry by entering the recall number. **Warranty Vehicle Inquiry will not display affected vehicles until after customer notification on May 6.**

For technical assistance, call the Technical Assistance Hotline at (888) 832-8477.

For warranty questions, contact the Corporate Dealer Assistance Group at (877) 727-6626 Option 3.

Please make certain that 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. If you have any questions, please contact your region manager or DSM.

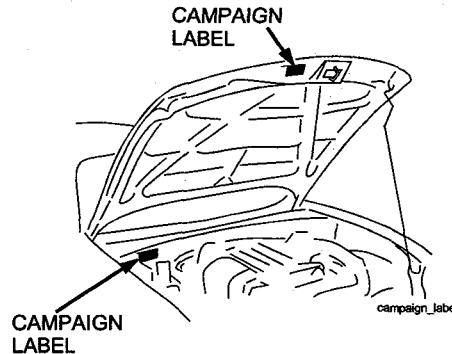
We apologize for any inconvenience this recall may cause you and your customers. Your understanding and support in carrying out this campaign are greatly appreciated.

Mazda Technical Services

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within the following ranges:
 - Year Range (2010) Model (Mazda3) Produced (October 7, 2008-April 10, 2009)
 - VIN Range: JM1 BL**** A1 100120-148098
 - 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 **5409D** 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.

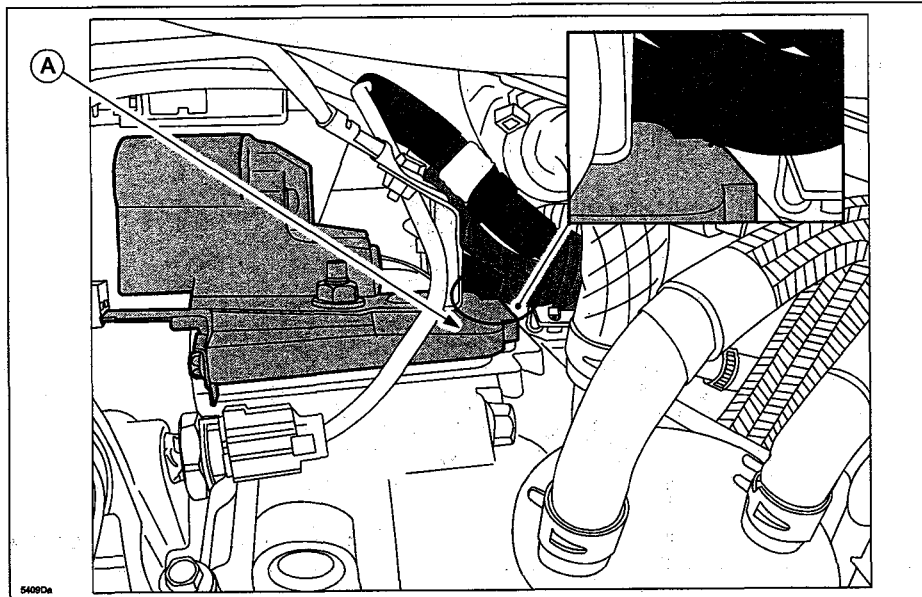
**eMDCS System - Warranty Vehicle Inquiry Results**

If eMDCS displays:	Campaign Label is:	Action to perform:
5409D OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
5409D 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.
5409D is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

B. REPAIR PROCEDURE

CONCERN

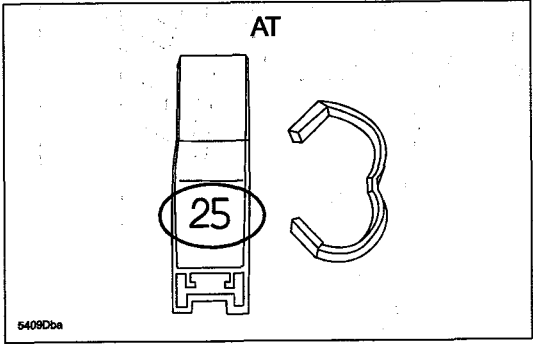
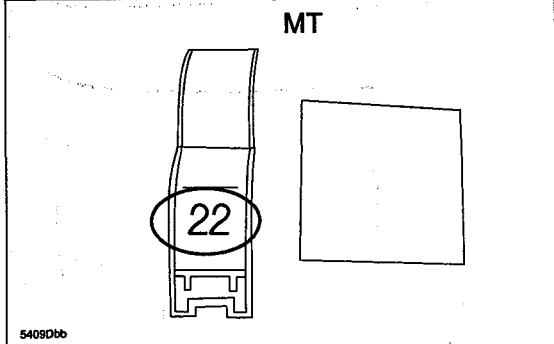
The emission harness may contact the engine starter housing (A) causing damage to the harness, and in some rare cases, the damage may cause the emission harness wiring to short to ground. This shorting to ground will cause the MIL to illuminate and / or driveability concerns.



VIEWED FROM UNDERNEATH THE VEHICLE (LOOKING UP) WITH UNDERCOVER REMOVED

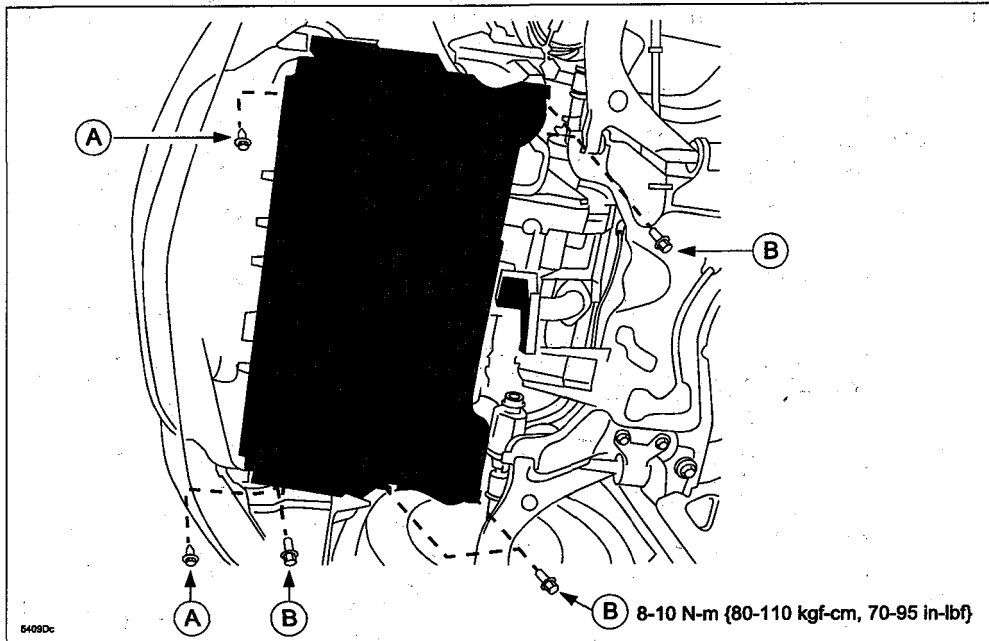
NECESSARY PARTS

The installation procedure and parts differ depending on the type of transmission the vehicle is equipped with. Please verify you have the correct parts for the transmission type, and then follow the proper installation instructions.

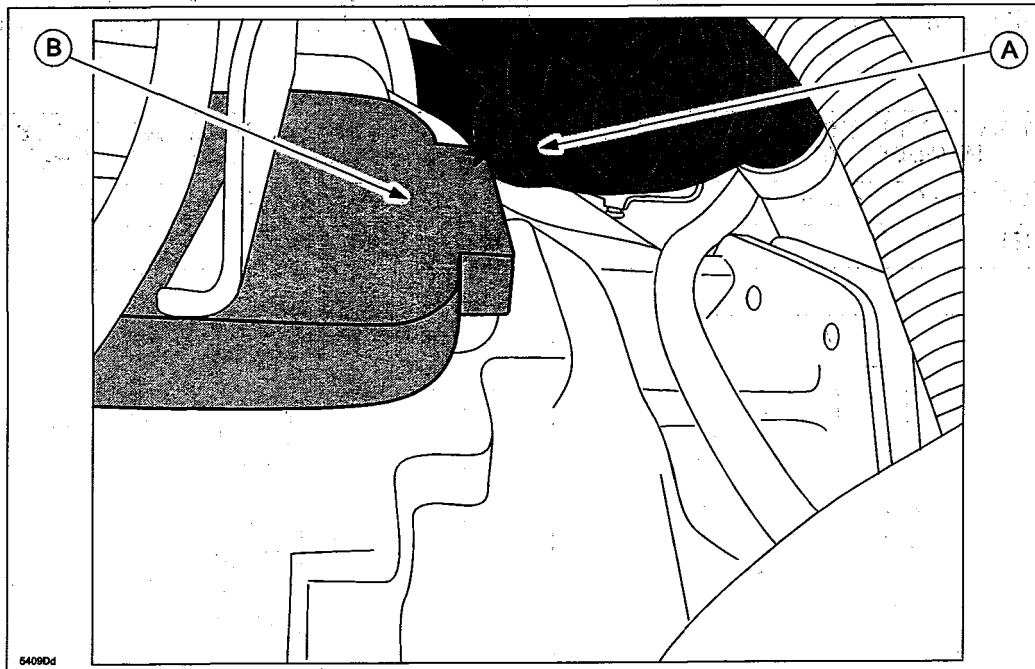
AUTOMATIC TRANSMISSION PARTS SET NUMBER 0000-99-HRK -AT	MANUAL TRANSMISSION PARTS SET NUMBER 0000-99-HRK -MT
(1) 25MM PROTECTOR CLIP	(1) 22MM PROTECTOR CLIP
(1) SPACER	(1) RUBBER PAD
<p align="center">AT</p> 	<p align="center">MT</p> 

PROCEDURE "A" - HARNESS INSPECTION

1. Lift vehicle on hoist to access the undercover.
2. Remove the fasteners (A) and bolts (B) to remove the undercover from the vehicle.

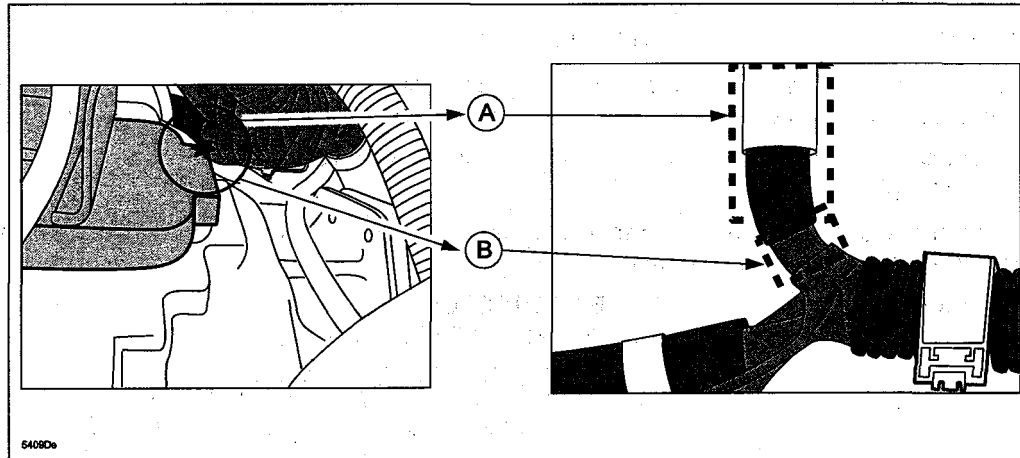


3. Carefully inspect the harness (A) in the area closest to the engine starter housing (B).
DOES THE HARNESS TOUCH THE ENGINE STARTER HOUSING?
- YES – Go to next step.
 - NO – Go to PROCEDURE "B".



ATTACHMENT II
5409D

4. Inspect the vehicle's harness and compare to the illustration below to determine procedure.
- Starter contacts area of corrugated sheath (A) – Go to PROCEDURE "B".
 - Starter contacts area of tape (B) with no corrugated sheath – Go to PROCEDURE "C".



PROCEDURE "B" – EMISSION HARNESS PROTECTOR CLIP / SPACER INSTALLATION

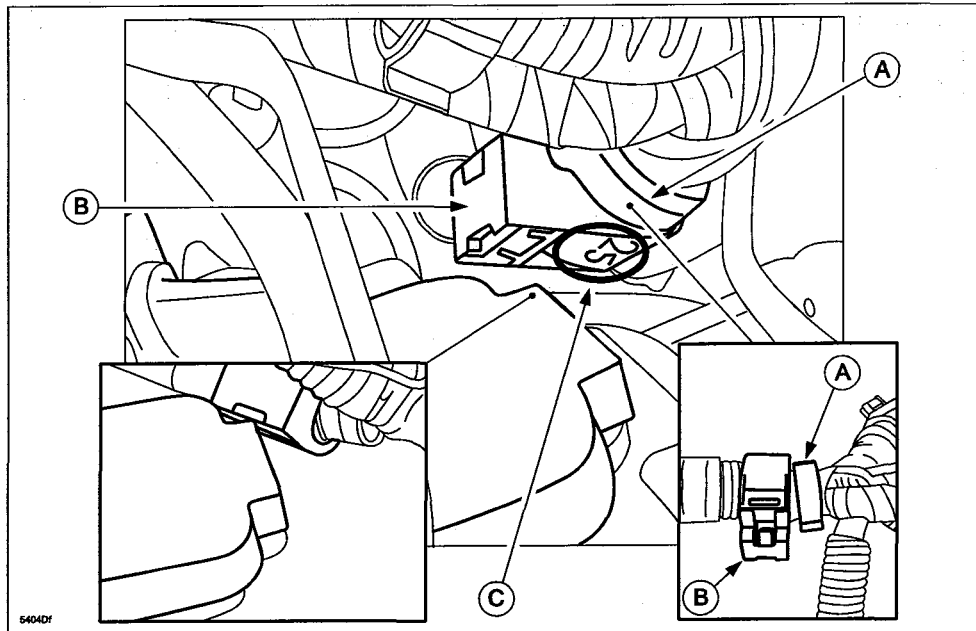
NOTE: The installation procedure and parts differ depending on the type of transmission the vehicle is equipped with. Please verify you have the correct parts for the transmission type, and then follow the proper installation instructions.

VEHICLES WITH AUTOMATIC TRANSMISSIONS

NOTE: Some harnesses may be routed very close to the starter housing which could make the following procedures difficult to perform. Refer to PROCEDURE "D" – INCREASING WORK SPACE.

1. Install the spacer (A) on the emission harness by positioning it over harness in area shown, then squeeze together until tight.
2. Install the protector clip (B) on the emission harness by positioning it on the harness as shown, then squeeze the clip together until it snaps.

IMPORTANT: MAKE SURE TO PLACE PROTECTOR CLIP WITH THE FLAT SIDE SHOWING "25" CLOSEST TO THE STARTER CONTACT AREA (C).

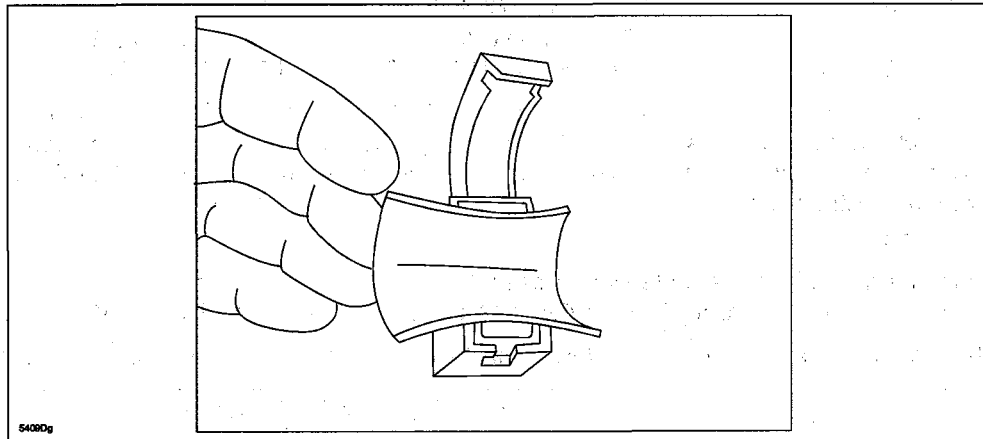


3. Refasten the lower harness anchor if unfastened in PROCEDURE "D" – INCREASING WORK SPACE.

ATTACHMENT II
5409D

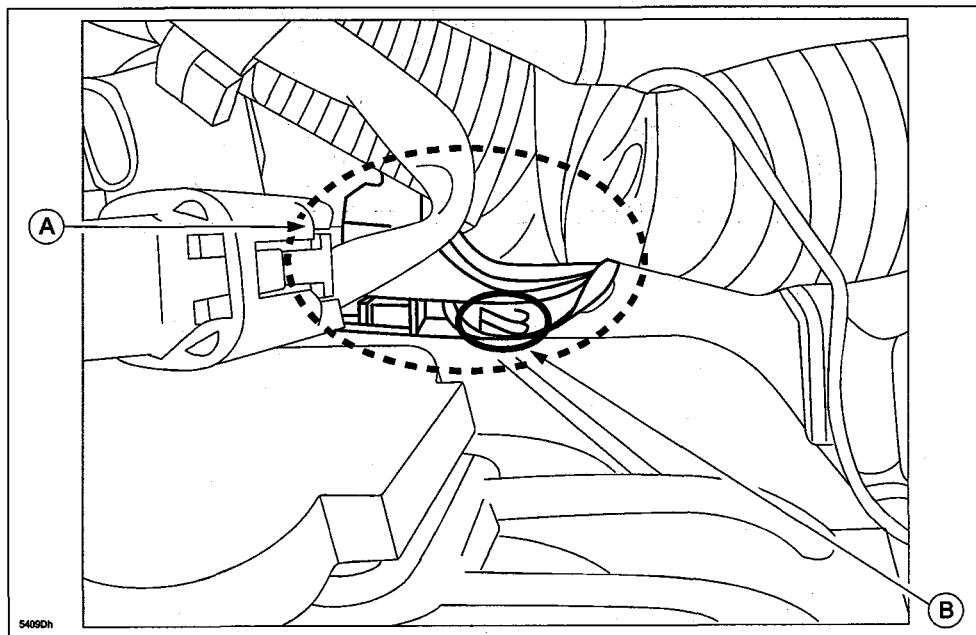
VEHICLES WITH MANUAL TRANSMISSIONS

1. Add the rubber pad to the protector clip as shown.



2. Install the protector clip on the emission harness by positioning it on the harness at the point shown (A), then squeeze the clip together until it snaps.

IMPORTANT: MAKE SURE TO PLACE PROTECTOR CLIP WITH THE FLAT SIDE SHOWING "22" CLOSEST TO THE STARTER CONTACT AREA (B).



PROCEDURE "C" – WATERPROOFING HARNESS

NOTE: This procedure prevents water entry if harness tape was damaged by engine starter housing contact.

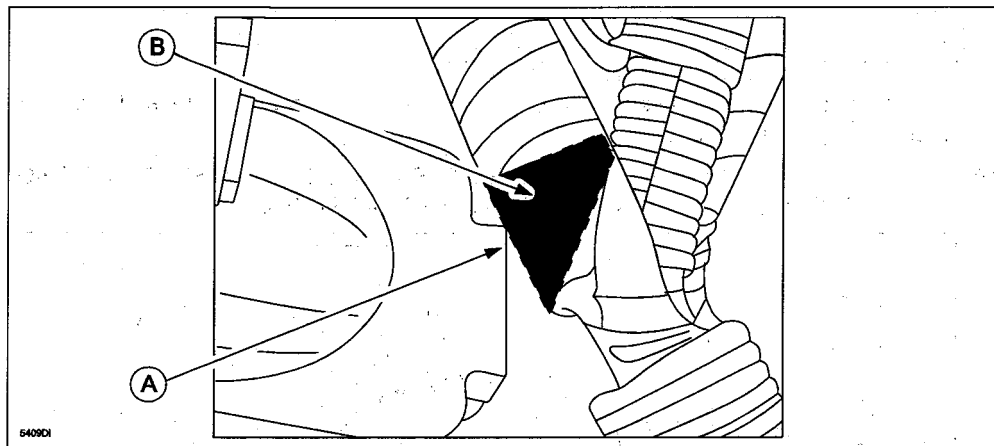
IMPORTANT: IF VEHICLE IS EXPERIENCING MILS, BLOWN FUSES OR DRIVEABILITY CONCERNS THE EMISSION HARNESS WIRING MAY BE WORN THROUGH TO BARE COPPER CONDUCTOR WIRE AND TOUCHING THE ENGINE STARTER HOUSING.

IS THE VEHICLE CURRENTLY EXPERIENCING MILS, DRIVEABILITY CONCERNS, BLOWN FUSES ETC..?

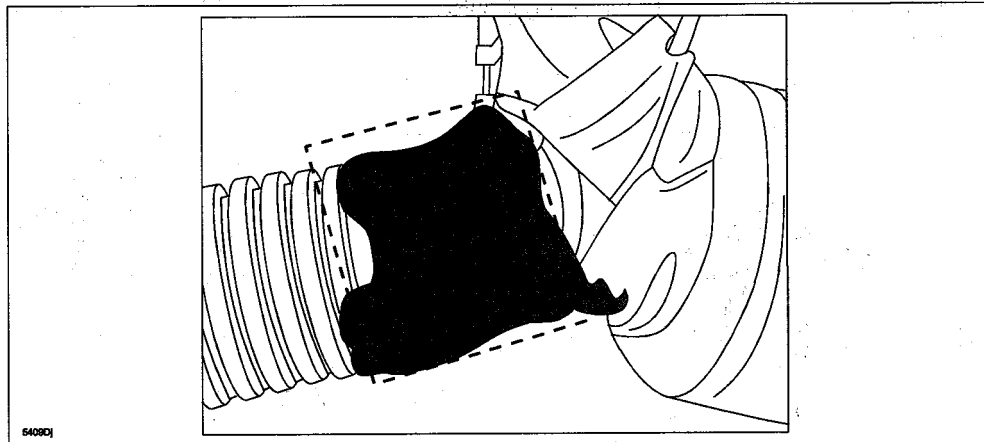
- YES – Carefully inspect the emission harness for damage resulting in bare copper wire contact with engine starter housing. If you confirm wires are shorted, contact the NATIONAL TECHNICAL ASSISTANCE HOT-LINE for further instructions.
- NO – Go to step 1.

NOTE: Some harnesses may be routed very close to the starter housing which could make the following procedures difficult to perform. Refer to PROCEDURE "D" – INCREASING WORK SPACE.

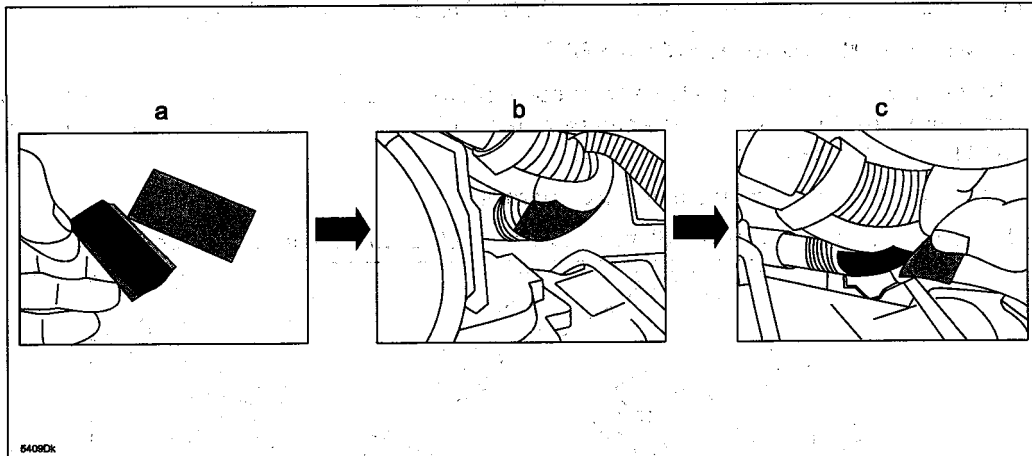
1. Note the area of harness at the engine starter housing contact point (A) to be waterproofed as shown (B).



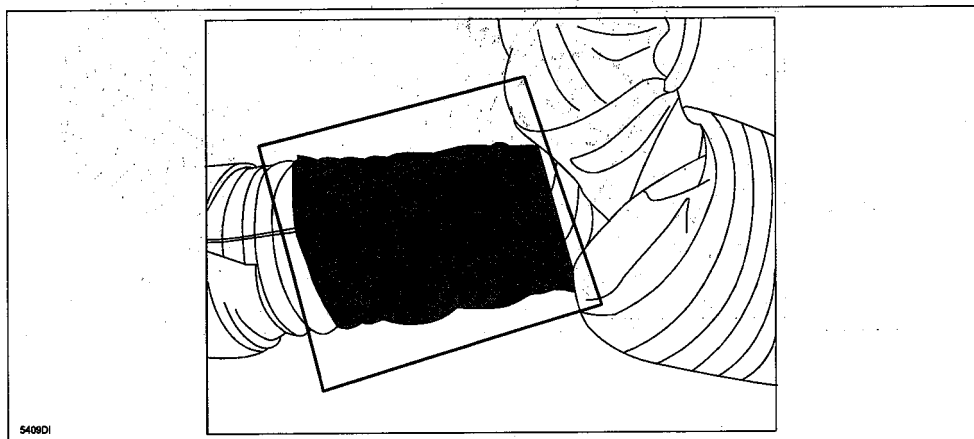
2. Apply butyl tape in this area by following these steps.



- a. Remove the backing paper of one side of the butyl tape (PN 0000-99-TAPE).
- b. Apply butyl tape to contact area of the emission harness.
- c. Remove the remaining paper backing of the butyl tape.

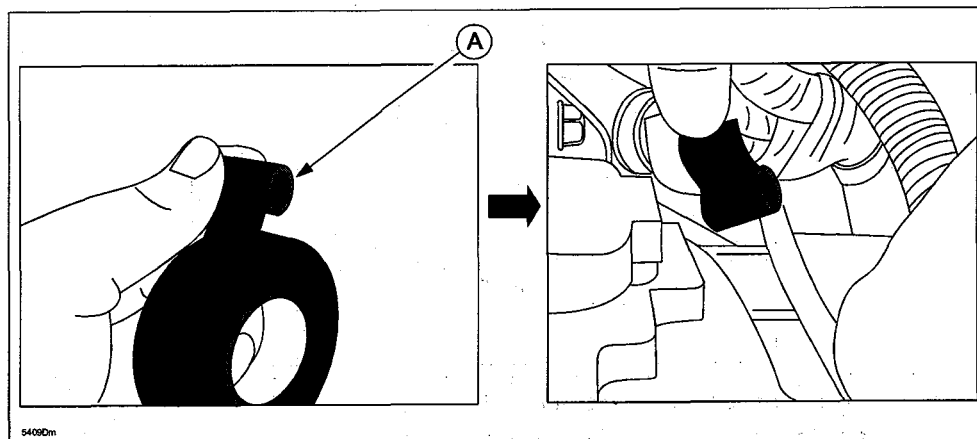


3. Using 35 inches of electrical tape, wrap the harness to completely cover the butyl taped area as shown.



ATTACHMENT II
5409D

TIP: The work space for taping the harness is limited and may be difficult using a full roll of tape. Precutting 35 inches of tape, then wrapping it onto a 9mm or 10mm socket (A), allows easier application of the tape to the harness.

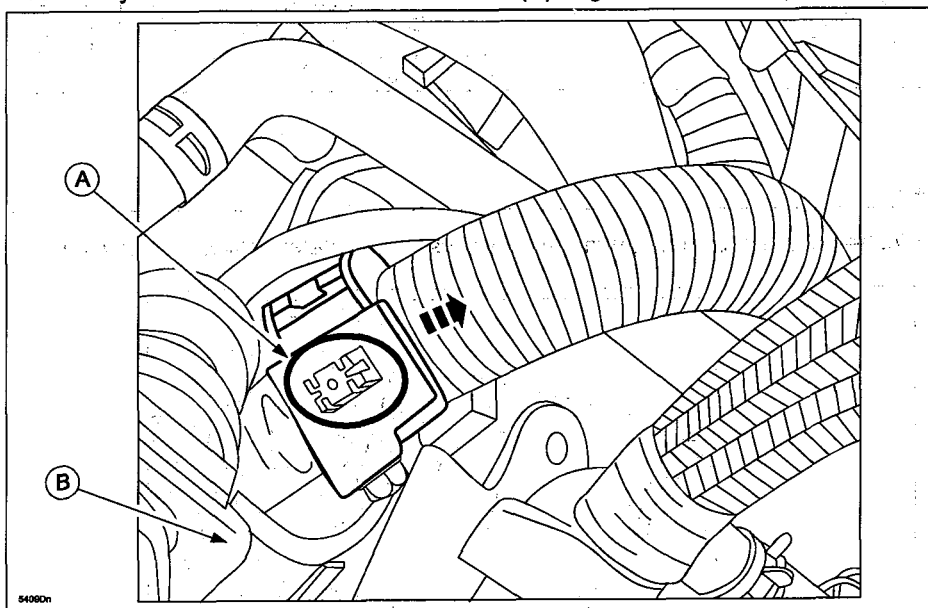


4. Perform PROCEDURE "B" – INSTALL EMISSION HARNESS PROTECTOR CLIPS.

PROCEDURE "D" – INCREASING WORK SPACE

NOTE: There may be limited space to perform some procedures, especially on vehicles with an automatic transmissions. More work space can be obtained by temporarily releasing the lower harness anchor and moving the harness.

1. Release the anchor (A) of the main emission harness.
2. Pull the harness away from the AT Shifter cable bracket (B) to gain more work space.



ATTACHMENT II
5409D

C. CAMPAIGN LABEL INSTALLATION

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "5409D", your dealer code, today's date, and affix it to the vehicle's bulkhead or hood 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.

Mazda North American Operations

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

DATE: April 2009

SUBJECT: 2010 Mazda3 Emission Harness Voluntary Safety Recall 5409D

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in certain 2010 Mazda3 vehicles equipped with LF or L5 engine and produced from October 7, 2008 through April 10, 2009.

On certain 2010 Mazda3 vehicles, the clearance between the emission harness and the housing of the starter motor may be insufficient. Due to this, the covering of the harness may be damaged from vibration during operation, resulting in a short-circuit between the harness wires and the starter housing. This condition could cause an engine control malfunction and/or poor shift quality. In the worst case, the main fuse may blow out, causing the engine to stall and an inability to restart, increasing the risk of a crash.

Owners of affected vehicles will be notified by first class mail beginning May 6, 2009.

This package contains important information about Voluntary Safety Recall 5409D:

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,



Kiyoshi Yagi
Director, Technical Services
Mazda North American Operations

CONDITION OF CONCERN

On certain 2010 Mazda3 vehicles, the clearance between the emission harness and the housing of the starter motor may be insufficient. Due to this, the covering of the harness may be damaged from vibration during operation, resulting in a short-circuit between the harness wires and the starter housing. This condition could cause an engine control malfunction and/or poor shift quality. In the worst case, the main fuse may blow out, causing the engine to stall and an inability to restart, increasing the risk of a crash.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2010 Mazda3 LF, L5 Engine	JM1 BL**** A1 100120 – 148098	From October 7, 2008 through April 10, 2009

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

PLEASE NOTE: Many of these vehicles have already been repaired at the factory and at the ports as well.

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning **May 6, 2009**.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Automatic Transmission Parts Set	0000-99-HRK -AT	1 set/vehicle	Includes: -25mm protector clip (1 pc) - Spacer (1 pc)
Manual Transmission Parts Set	0000-99-HRK -MT	1 set/vehicle	Includes: - 22mm protector clip (1 pc) - Rubber pad (1 pc)
Butyl Tape	0000-99-TAPE	1 pc/vehicle as needed	3/4in x 1.5in x 0.04in
Campaign Label	9999-95-065A-05	1=50 labels	Obtain in MStore (no charge)

Please note the space after the "K" in both the A/T and M/T part numbers.

PARTS ORDERING

Please follow these instructions to order additional parts:

Orders will only be accepted through the Dealer Assistance Group (DAG) website "eMail Inquiries" page as follows:

- Go to the Dealer Assistance Group web page, or click on the link below:
https://portal.mazdausa.com/dealershome/service_parts/dag/index.htm
- Click on "eMail Inquiries" at the top of the screen
- Click on "Corporate Dealer Assistance Group"
- Fill in the following required fields:
 - First name
 - Last name
 - Phone Number
 - Email Address
 - MNAO Sales Order: (enter the PO number you would like to use for the order or simply enter N/A)
 - Part Number

- Techline Ref #: (Leave Blank)
- Comments: Enter the VIN(s) of the vehicle(s) requiring the part(s). VIN is required for the order to be placed. Also, if you require more than one part number, enter the additional part numbers here.

Once all the fields have been entered, click on the "Submit" button. This sends an email to DAG. Your order will be placed as a CSO order with the freight charge waived, and you will be contacted with confirmation of the order and the order number. You do not need to call DAG once this email request has been sent.

For parts ordering assistance, contact the Corporate Dealer Assistance Group at (877) 727-6626, option 2.

WARRANTY CLAIM PROCESSING INFORMATION

	Inspection & Clip Installation	Inspection, Clip Installation & Harness Taping
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	A0909B	A0909B
Part Number Main Cause / Qty	7777-SP-E14 / 0	7777-SP-E14 / 0
Related Part Number / Qty	A/T vehicles: 0000-99-HRK -AT / 1	A/T vehicles: 0000-99-HRK -AT / 1 0000-99-TAPE / 1
	M/T vehicles: 0000-99-HRK -MT / 1	M/T vehicles: 0000-99-HRK -MT / 1 0000-99-TAPE / 1
Labor Operation Code	XXE1MARX	XXE1MBRX
Labor Hours	0.3 hrs	0.4 hrs

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
2010 Mazda3 LF, L5 Engine	JM1 BL**** A1 100120 – 148098	From October 7, 2008 through April 10, 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 5409D attached to the vehicle's bulkhead.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 5409D	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 5409D CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's bulkhead
RECALL 5409D 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.

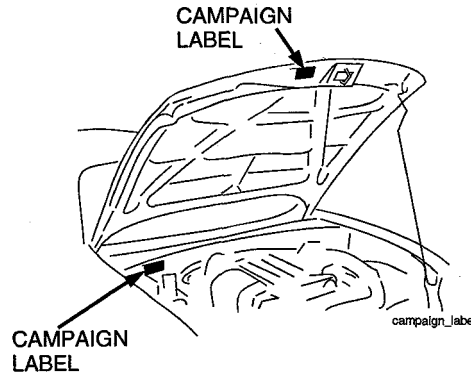
REPAIR PROCEDURES

Please refer to Attachment II.

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within the following ranges:
 - Year Range (2010) Model (Mazda3) Produced (October 7, 2008-April 10, 2009)
 - VIN Range: JM1 BL**** A1 100120-148098
 - 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 **5409D** 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.

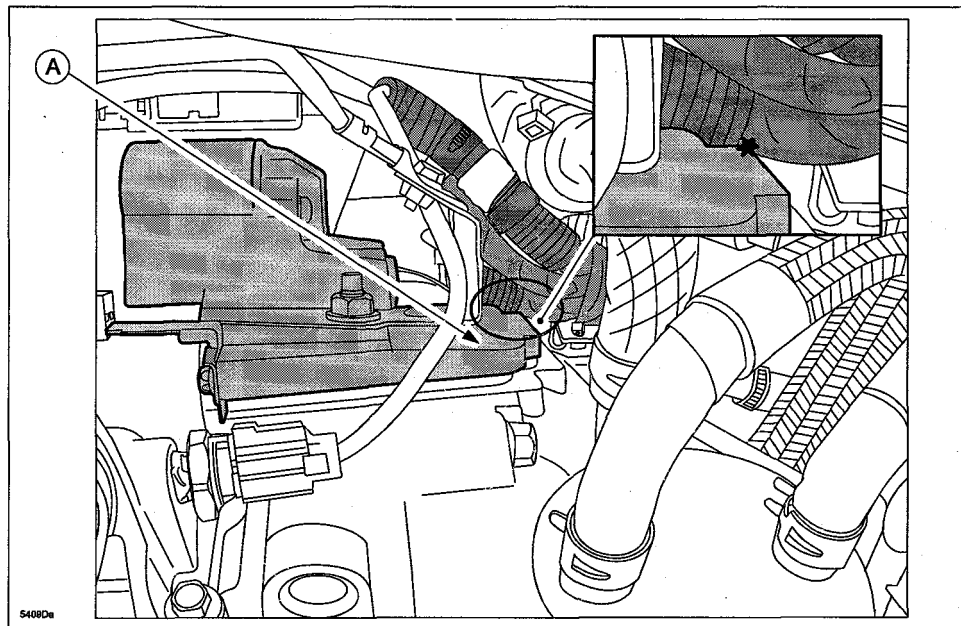
**eMDCS System - Warranty Vehicle Inquiry Results**

If eMDCS displays:	Campaign Label is:	Action to perform:
5409D OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
5409D 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.
5409D is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

B. REPAIR PROCEDURE

CONCERN

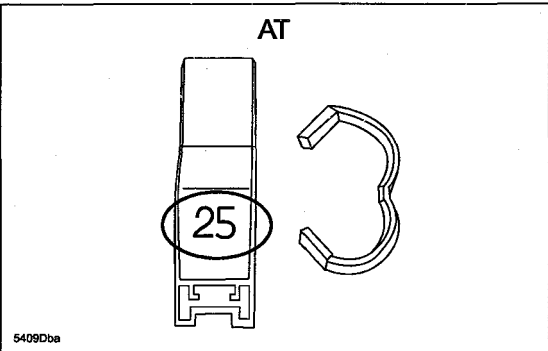
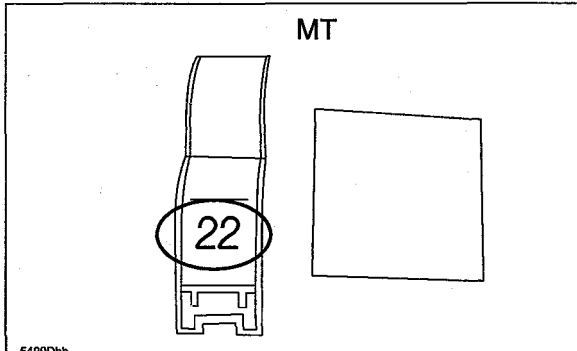
The emission harness may contact the engine starter housing (A) causing damage to the harness, and in some rare cases, the damage may cause the emission harness wiring to short to ground. This shorting to ground will cause the MIL to illuminate and / or driveability concerns.



VIEWED FROM UNDERNEATH THE VEHICLE (LOOKING UP) WITH UNDERCOVER REMOVED

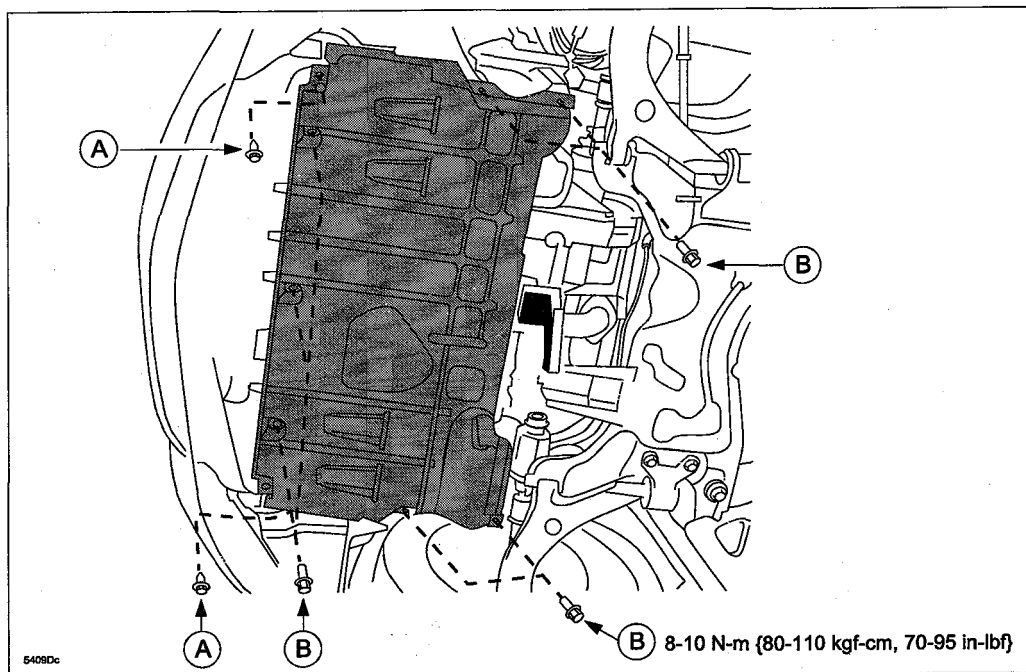
NECESSARY PARTS

The installation procedure and parts differ depending on the type of transmission the vehicle is equipped with. Please verify you have the correct parts for the transmission type, and then follow the proper installation instructions.

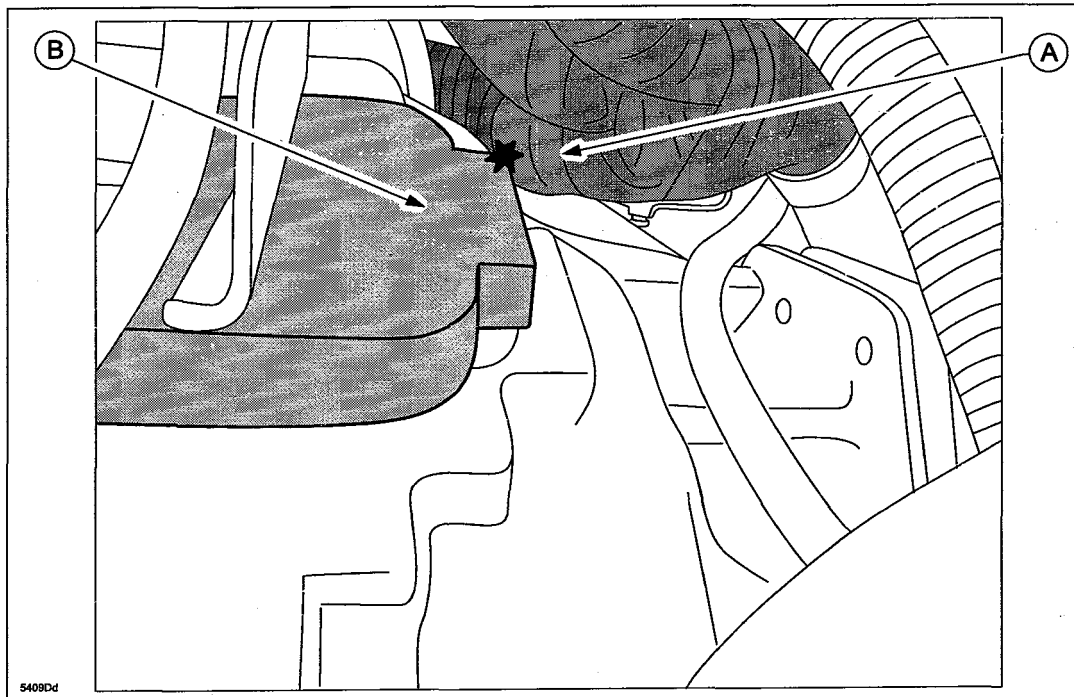
AUTOMATIC TRANSMISSION PARTS SET NUMBER 0000-99-HRK -AT	MANUAL TRANSMISSION PARTS SET NUMBER 0000-99-HRK -MT
(1) 25MM PROTECTOR CLIP	(1) 22MM PROTECTOR CLIP
(1) SPACER	(1) RUBBER PAD
<p style="text-align: center;">AT</p>  <p style="text-align: center;">5409Dba</p>	<p style="text-align: center;">MT</p>  <p style="text-align: center;">5409Dbb</p>

PROCEDURE "A" - HARNESS INSPECTION

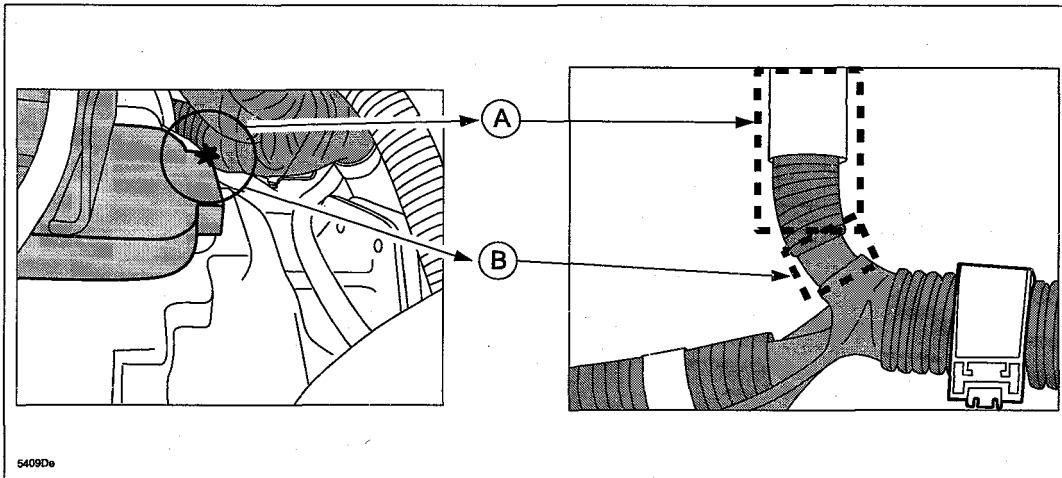
1. Lift vehicle on hoist to access the undercover.
2. Remove the fasteners (A) and bolts (B) to remove the undercover from the vehicle.



3. Carefully inspect the harness (A) in the area closest to the engine starter housing (B).
DOES THE HARNESS TOUCH THE ENGINE STARTER HOUSING?
 - YES – Go to next step.
 - NO – Go to PROCEDURE "B".



4. Inspect the vehicle's harness and compare to the illustration below to determine procedure.
- Starter contacts area of corrugated sheath (A) – Go to PROCEDURE "B".
 - Starter contacts area of tape (B) with no corrugated sheath – Go to PROCEDURE "C".



PROCEDURE "B" – EMISSION HARNESS PROTECTOR CLIP / SPACER INSTALLATION

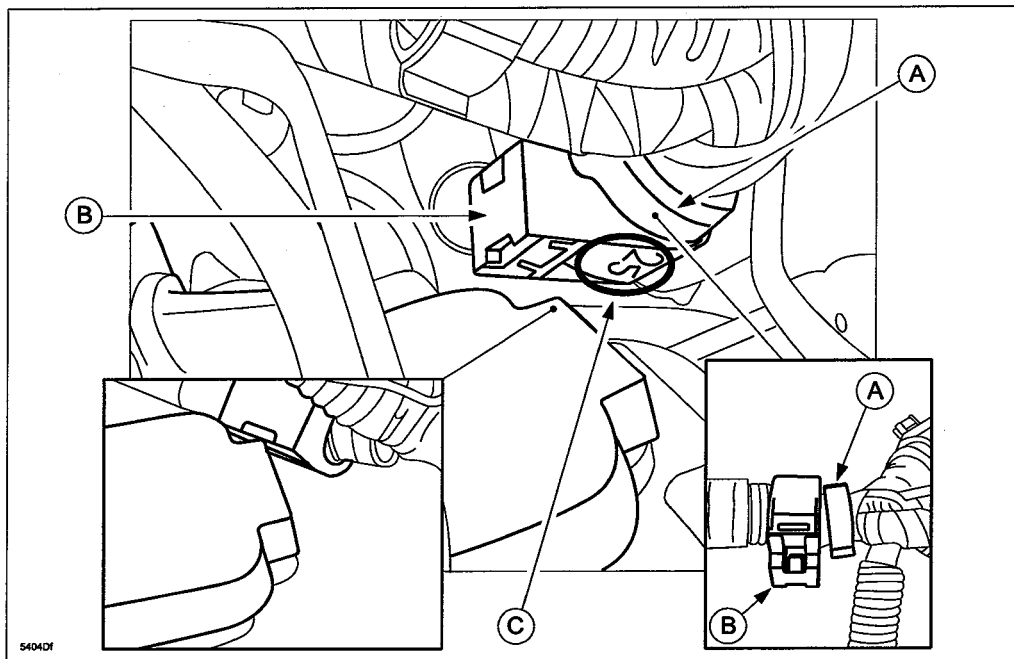
NOTE: The installation procedure and parts differ depending on the type of transmission the vehicle is equipped with. Please verify you have the correct parts for the transmission type, and then follow the proper installation instructions.

VEHICLES WITH AUTOMATIC TRANSMISSIONS

NOTE: Some harnesses may be routed very close to the starter housing which could make the following procedures difficult to perform. Refer to PROCEDURE "D" – INCREASING WORK SPACE.

1. Install the spacer (A) on the emission harness by positioning it over harness in area shown, then squeeze together until tight.
2. Install the protector clip (B) on the emission harness by positioning it on the harness as shown, then squeeze the clip together until it snaps.

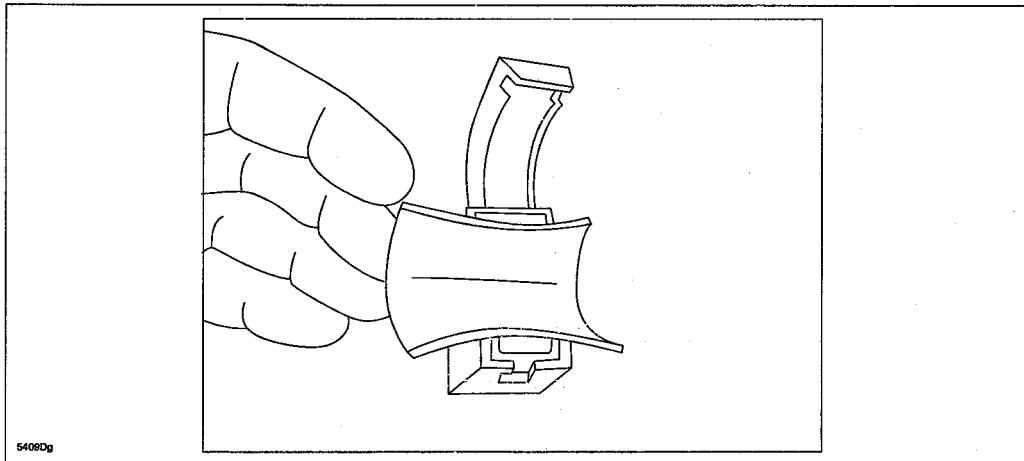
IMPORTANT: MAKE SURE TO PLACE PROTECTOR CLIP WITH THE FLAT SIDE SHOWING "25" CLOSEST TO THE STARTER CONTACT AREA (C).



3. Refasten the lower harness anchor if unfastened in PROCEDURE "D" – INCREASING WORK SPACE.

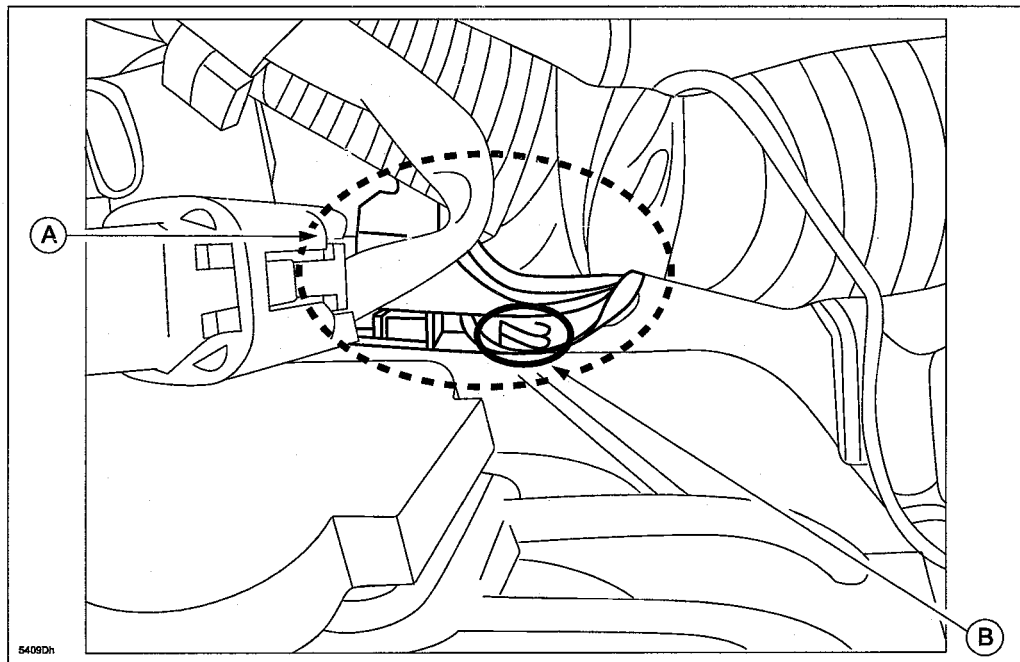
VEHICLES WITH MANUAL TRANSMISSIONS

1. Add the rubber pad to the protector clip as shown.



2. Install the protector clip on the emission harness by positioning it on the harness at the point shown (A), then squeeze the clip together until it snaps.

IMPORTANT: MAKE SURE TO PLACE PROTECTOR CLIP WITH THE FLAT SIDE SHOWING "22" CLOSEST TO THE STARTER CONTACT AREA (B).



PROCEDURE "C" – WATERPROOFING HARNESS

NOTE: This procedure prevents water entry if harness tape was damaged by engine starter housing contact.

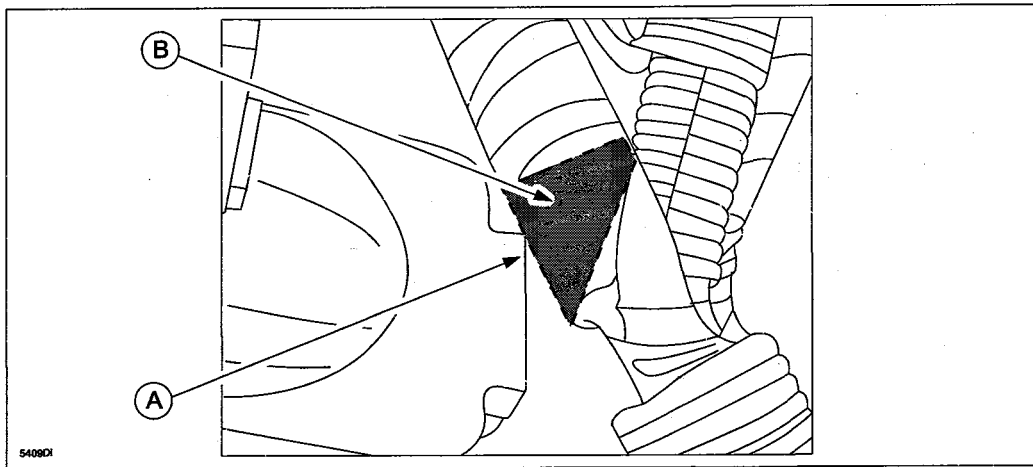
IMPORTANT: IF VEHICLE IS EXPERIENCING MILS, BLOWN FUSES OR DRIVEABILITY CONCERNS THE EMISSION HARNESS WIRING MAY BE WORN THROUGH TO BARE COPPER CONDUCTOR WIRE AND TOUCHING THE ENGINE STARTER HOUSING.

IS THE VEHICLE CURRENTLY EXPERIENCING MILS, DRIVEABILITY CONCERNS, BLOWN FUSES ETC..?

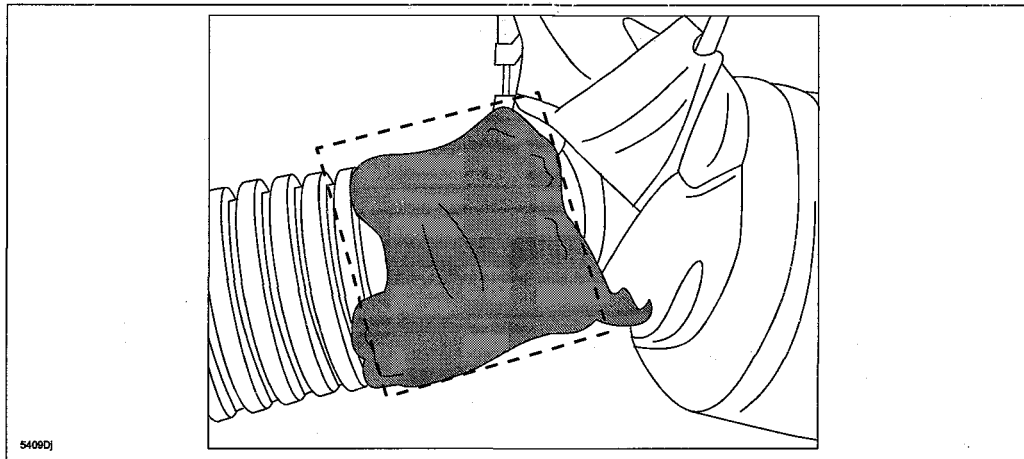
- YES – Carefully inspect the emission harness for damage resulting in bare copper wire contact with engine starter housing. If you confirm wires are shorted, contact the NATIONAL TECHNICAL ASSISTANCE HOT-LINE for further instructions.
- NO – Go to step 1.

NOTE: Some harnesses may be routed very close to the starter housing which could make the following procedures difficult to perform. Refer to PROCEDURE "D" – INCREASING WORK SPACE.

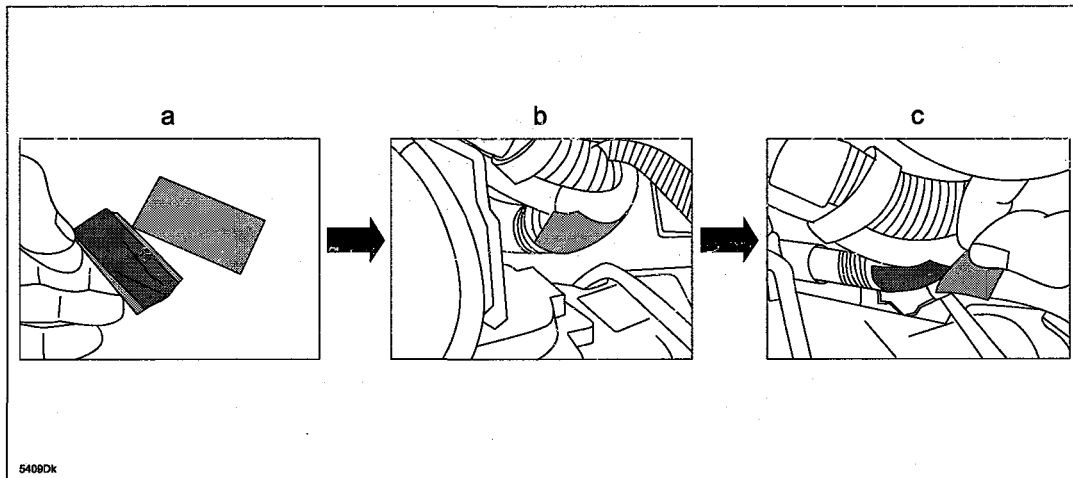
1. Note the area of harness at the engine starter housing contact point (A) to be waterproofed as shown (B).



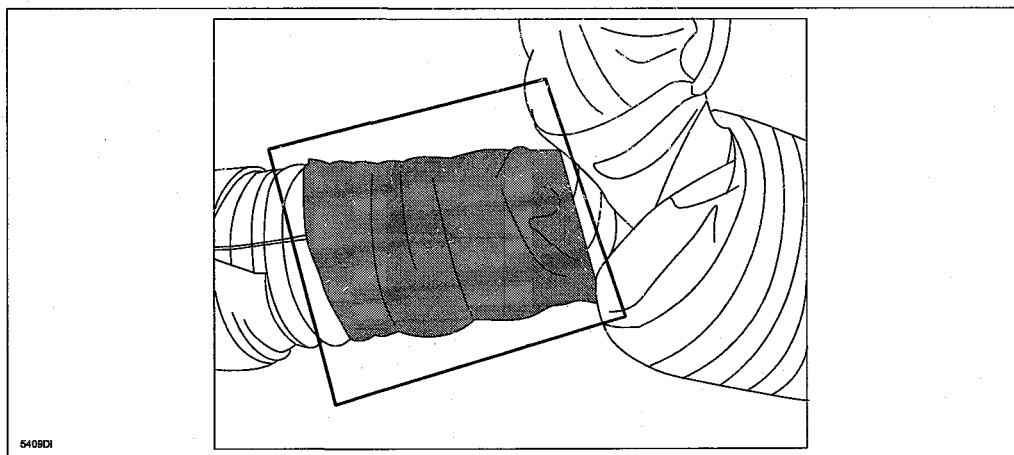
2. Apply butyl tape in this area by following these steps.



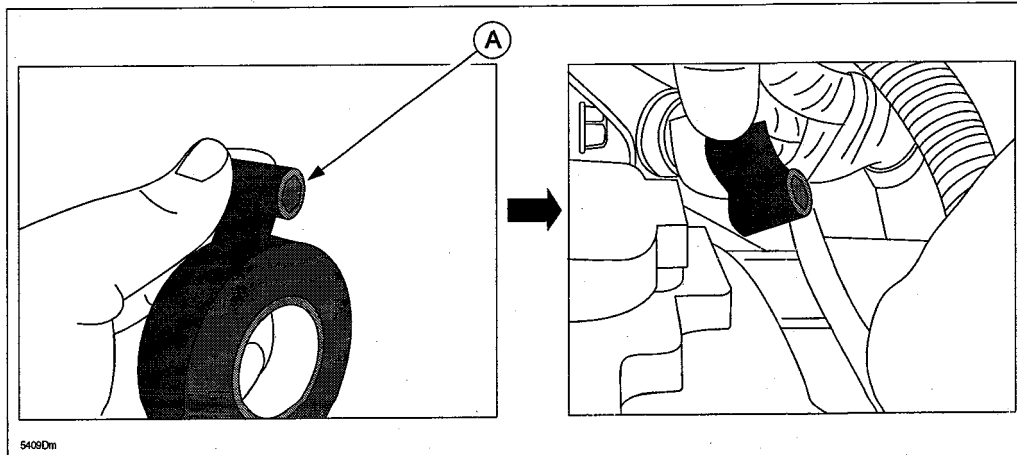
- a. Remove the backing paper of one side of the butyl tape (PN 0000-99-TAPE).
- b. Apply butyl tape to contact area of the emission harness.
- c. Remove the remaining paper backing of the butyl tape.



3. Using 35 inches of electrical tape, wrap the harness to completely cover the butyl taped area as shown.



TIP: The work space for taping the harness is limited and may be difficult using a full roll of tape. Precutting 35 inches of tape, then wrapping it onto a 9mm or 10mm socket (A), allows easier application of the tape to the harness.

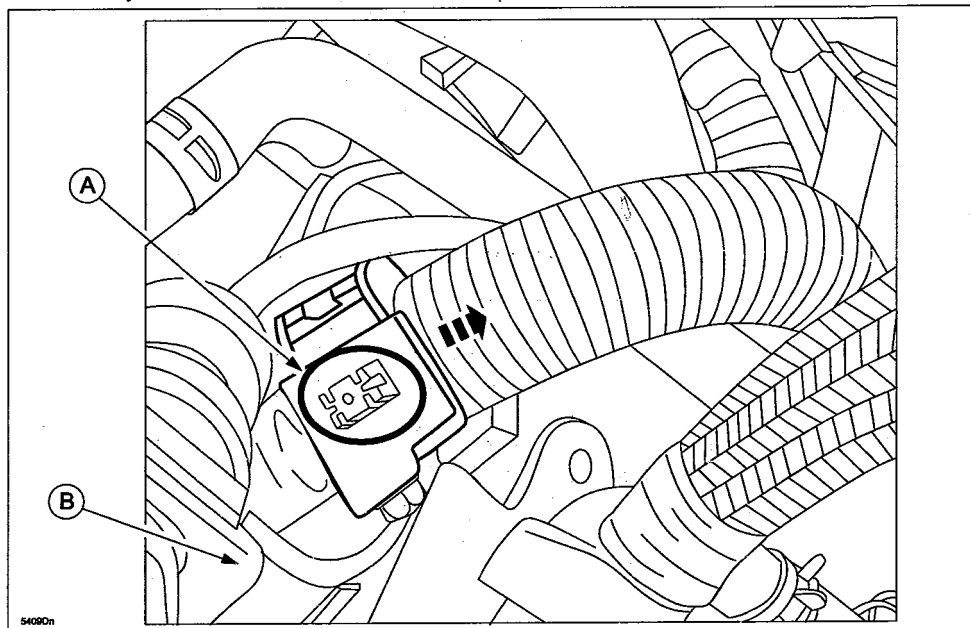


4. Perform PROCEDURE "B" – INSTALL EMISSION HARNESS PROTECTOR CLIPS.

PROCEDURE "D" – INCREASING WORK SPACE

NOTE: There may be limited space to perform some procedures, especially on vehicles with an automatic transmissions. More work space can be obtained by temporarily releasing the lower harness anchor and moving the harness.

1. Release the anchor (A) of the main emission harness.
2. Pull the harness away from the AT Shifter cable bracket (B) to gain more work space.



C. CAMPAIGN LABEL INSTALLATION

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "5409D", your dealer code, today's date, and affix it to the vehicle's bulkhead or hood 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.

May 2009

2010 Mazda3 Emission Harness Voluntary Safety Recall 5409D

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 2010 Mazda3 vehicles produced from October 7, 2008 through April 10, 2009.

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

What is the problem?

On certain 2010 Mazda3 vehicles, the clearance between the emission harness and the housing of the starter motor may be insufficient. Due to this, the covering of the harness may be damaged from vibration during operation, resulting in a short-circuit between the harness wires and the starter housing. This condition could cause an engine control malfunction and/or poor shift quality. In the worst case, the main fuse may blow out, causing the engine to stall and an inability to restart, increasing the risk of a crash.

What will Mazda do?

Your Mazda dealer will install a protector clip on the emission harness, and if necessary, repair the harness **free of charge**. The repair may take approx. half an hour to complete; however, it may take longer depending on the necessary repair and 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 emission harness repaired as soon as possible. You do not need to bring this notice to the dealer, but it may assist in the check-in process.

Page 2

What if you already paid for emission harness repair?

If you have already paid for the inspection, repair or replacement of the emission harness due to a short-circuit on the harness wire 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



May 2009

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Sincerely,

Mazda North American Operations



Mazda North American Operations

Electronic Field Communication

Information

eFC Number: eFC-I-09-00041

Date: Tuesday, April 28, 2009

Subject: Mazda Service Program (MSP23) - 2010 Mazda3 Malfunction Indicator Light Illumination (DTC P2183, P0111)

Originating

Name: Gabriela Laur

Dept: TSD

Email ID: glaur@mazdausa.com

Phone: 949-442-6590

Summary: Announcing the launch of Mazda Service Program (MSP23) - 2010 Mazda3 Malfunction Indicator Light Illumination (DTC P2183, P0111). On April 29, 2009, dealers will be notified via e-mail; dealer mailing will take place on April 30, 2009.

See Also eFC Number(s):

Dealer Communication: Yes ☒

Additional Contacts:

eFC Type:

Concur:

Sales Operations: ☐

Julie Ireland

Fixed Operations: ☒

Communication

Mazda Motor Corporation has decided to conduct a Mazda Service Program (MSP) on certain 2010 Mazda3 vehicles produced from October 7, 2008 through April 23, 2009.

On some 2010 Mazda3 vehicles, when the engine is started after parking the vehicle under intense sunlight, the malfunction indicator light (MIL) may illuminate with DTC P2183 (ECT sensor No.2 circuit range/performance problem) and/or P0111 (IAT sensor circuit range/performance problem) stored in PCM memory. This is caused by an excessive temperature difference between the ECT #2, and the IAT due to the sudden rise of engine compartment temperature from sunlight warming the vehicle's hood. A revised PCM calibration is now available to repair this concern.

The attached Dealer Email and Technical Service Bulletin will be sent to all dealers on April 29, 2009. Campaign documents will be mailed to dealers on Thursday, April 30, 2009.

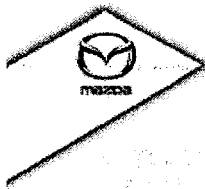
For questions, please contact me at 949-442-6590 or glaur@mazdausa.com.

Gabriela Laur
Program Manager, Recalls & Compliance



Addressees – Check appropriate division, department, region or position

<u>MNAO</u>	<u>REGION</u>	<u>OTHER</u> (include GAL listing or email)
Executive Committee (Executive Committee)	<input type="checkbox"/> Regional General Manager (ALLRGM)	<input checked="" type="checkbox"/> Port Managers (All Port Mgrs) <input type="checkbox"/>
Executive Committee Assistants (EC Asst)	<input type="checkbox"/> Executive Assistants (Admin-Exec Asst)	<input type="checkbox"/> Port Employees (All Ports) <input type="checkbox"/>
Sales Operations Division	<input type="checkbox"/> Region Sales Managers (RSM)	<input checked="" type="checkbox"/> Other: Rob Murdoch (MCI) <input checked="" type="checkbox"/>
Sales	<input checked="" type="checkbox"/> Sales Operations Manager (SOM)	<input checked="" type="checkbox"/> Other: Dan Ryan <input checked="" type="checkbox"/>
Fleet	<input checked="" type="checkbox"/> District Operations Manager (ALL DOM)	<input checked="" type="checkbox"/> Other: David Robertson <input checked="" type="checkbox"/>
Distribution	<input type="checkbox"/> District Sales Manager (ALLDM)	<input checked="" type="checkbox"/> Other: Jeremy Barnes <input checked="" type="checkbox"/>
Logistics (Logistics Department)	<input type="checkbox"/> All Sales Operations Specialists	<input type="checkbox"/> Other: Pierre Hughes-Comire <input checked="" type="checkbox"/>
Dealer Operations Division	<input type="checkbox"/> Region Customer Service & Parts Manager (RCSPM/formerly RSPM)	<input checked="" type="checkbox"/> Other: Don MacPhee (MCI) <input checked="" type="checkbox"/>
Dealer Profitability	<input type="checkbox"/> Service Field Operations Manager (SFOM)	<input checked="" type="checkbox"/> Other: Hiroko Tanada <input checked="" type="checkbox"/>
Retail Development	<input type="checkbox"/> Parts Operations Manager (POM/formerly ASPM)	<input checked="" type="checkbox"/> Other: Ryu Shimizugawa <input checked="" type="checkbox"/>
Customer Service & Parts Mgmt (CS&P mgmt)	<input checked="" type="checkbox"/> District Service Manager (DSM)	<input checked="" type="checkbox"/> Other: Carol Robbins <input checked="" type="checkbox"/>
Customer Service & Parts Misc. (CS&P Misc)	<input type="checkbox"/> Area Parts Manager (APM)	<input checked="" type="checkbox"/> Other: Clark Weyenberg <input checked="" type="checkbox"/>
Service & Parts Marketing (Svc & Parts Mkt)	<input checked="" type="checkbox"/> Technical Operations Manager (TOM)	<input checked="" type="checkbox"/> Other: Francisco Rangel <input checked="" type="checkbox"/>
L.I.D. (Corp. Only)	<input type="checkbox"/> Technical Specialist	<input checked="" type="checkbox"/> Other: <input type="checkbox"/>
Accessory	<input type="checkbox"/> Technical Training	<input checked="" type="checkbox"/> Other: <input type="checkbox"/>
Warranty & Service Assurance	<input type="checkbox"/> Cust Satisfaction Mgr (CSM)	<input checked="" type="checkbox"/> Other: <input type="checkbox"/>
Cust Satisfaction & Loyalty	<input type="checkbox"/> Fixed Ops Process Managers	<input checked="" type="checkbox"/> Other: <input type="checkbox"/>
CAC Management	<input type="checkbox"/> Sales Process Manager (Sales Pro Mgr)	<input checked="" type="checkbox"/> Other: <input type="checkbox"/>
Customer Mediation Department	<input checked="" type="checkbox"/> Dealer Development Managers (DDM)	<input type="checkbox"/> Other: <input type="checkbox"/>
Dealer Affairs (DLR Affairs)	<input type="checkbox"/> Business Development Mgrs (BDM)	<input type="checkbox"/> Other: <input type="checkbox"/>
Marketing Operations Division	<input type="checkbox"/> Market Rep. Managers (Mkt Rep Mgr)	<input type="checkbox"/> Other: <input type="checkbox"/>
Product Planning (Product Planning)	<input checked="" type="checkbox"/> Market Rep. Coordinator/Specialist	<input type="checkbox"/> Other: <input type="checkbox"/>
Audit (Internal Audit)	<input type="checkbox"/> Sales Planning Manager (ALLSPM)	<input type="checkbox"/> Other: <input type="checkbox"/>
Legal	<input type="checkbox"/> Sales Planning Coordinator/Specialist	<input type="checkbox"/> Other: <input type="checkbox"/>
Finance Division (Finance)	<input type="checkbox"/> Marketing Manager (Marketing Mgr)	<input type="checkbox"/> Other: <input type="checkbox"/>
Human Resources (HR)	<input type="checkbox"/> Marketing Coordinator/Specialist	<input type="checkbox"/> Other: <input type="checkbox"/>
Public Relations (Public Affairs)	<input type="checkbox"/> Midwest Region (All Midwest)	<input type="checkbox"/> Other: <input type="checkbox"/>
Dealer Assistance Group-All	<input checked="" type="checkbox"/> Northeast Region (All Northeast)	<input type="checkbox"/> Other: <input type="checkbox"/>
Dealer Assistance Group-Corp	<input type="checkbox"/> Southeast Region (All Southeast)	<input type="checkbox"/> Other: <input type="checkbox"/>
Dealer Assistance Group-Field	<input type="checkbox"/> Western Region (All Western Region)	<input type="checkbox"/> Other: <input type="checkbox"/>
Employees Only – (Corp)	<input type="checkbox"/> Gulf Region (All Gulf)	<input type="checkbox"/> Other: <input type="checkbox"/>
Employees Only – (All MNAO)	<input type="checkbox"/> McGaw (All McGaw)	<input checked="" type="checkbox"/> Other: <input type="checkbox"/>
IT- Helpdesk	<input type="checkbox"/> Mazda Parts Operation Guide	<input type="checkbox"/> Other: <input type="checkbox"/>



MAZDA DEALER EMAIL

zoom-zoom

zoom-zoom

Attention Mazda Service and Parts Managers:

Mazda Motor Corporation has decided to conduct a Mazda Service Program (MSP) on certain 2010 Mazda3 vehicles produced from October 7, 2008 through April 23, 2009.

On some 2010 Mazda3 vehicles, when the engine is started after parking the vehicle under intense sunlight, the malfunction indicator light (MIL) may illuminate with DTC P2183 (ECT sensor No.2 circuit range/performance problem) and/or P0111 (IAT sensor circuit range/performance problem) stored in PCM memory. This is caused by an excessive temperature difference between the ECT #2, and the IAT due to the sudden rise of engine compartment temperature from sunlight warming the vehicle's hood. A revised PCM calibration is now available to repair this concern.

Service Bulletin **01-014/09**, which provides repair procedures and warranty claim submission information, is attached and is also available on the Mazda Service Support System (MS3) and eMDCS websites.

You will receive the MSP23 documents by mail starting Friday, May 1, 2009.

For technical assistance, call the Technical Assistance Hotline at (888) 832-8477, Option 1. For warranty questions, contact the Corporate Dealer Assistance Group at (877) 727-6626, Option 3. Your support in carrying out this program is greatly appreciated.

Sincerely,

Kiyoshi Yagi
Director, Technical Services
Mazda North American Operations