



*zoom-zoom*

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

**DATE: October 2016**

**SUBJECT: 2009-2010 Mazda6 Sophisticated Air Bag Sensor (SAS) Unit Concern  
Warranty Extension Program - Special Service Program (SSP) A7**

Mazda Motor Corporation is extending the warranty coverage for a specific repair of sophisticated air bag sensor (SAS) unit on certain 2009-2010 Mazda6 vehicles produced from December 15, 2008 through February 25, 2010.

The warranty coverage for repair of SAS unit is extended to 15 years (180 months) from the original warranty start date, with no mileage limitation.

On certain 2009-2010 Mazda6 vehicles, an internal component inside the SAS unit may be susceptible to corrosion. If the unit fails, the air bag warning light will illuminate to alert the driver of the failure. Continued driving in this condition could prevent the air bags from deploying in a crash necessitating air bag deployment, increasing the risk of injury. The warranty extension applies only to this condition.

**If troubleshooting reveals the air bag warning light illumination is caused by SAS unit failure, this warranty extension program applies to the repair of the vehicle.**

**This is a warranty extension for the specified repair only. Inspection and replacement of any other parts other than the SAS unit will not be eligible for reimbursement to the dealer or customer. Diagnosis will be covered under this warranty extension program at no charge to the customer, regardless of the component found to have failed. This program extends the warranty period for actual failures due to defects in workmanship or materials in accordance with Mazda Warranty Policy and Procedures.**

Owners of subject vehicles were notified by first class mail beginning October 4, 2016.

Service and repair information is available on eMDCS and MS3 (Mazda Service Support System) web sites via MXConnect.

-Page 2-

For technical assistance, please call the Technical Assistance Hotline at (888) 832-8477, Option 3.

For parts questions, please contact the Corporate Dealer Assistance Group at (877) 727-6626, Option 2.

For warranty questions, please contact the Warranty Hotline at (877) 727-6626, Option 3.

Please make certain the appropriate personnel in your dealership are familiar with the details of this warranty extension program before responding to customer inquiries. Your understanding and support are greatly appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Ikemoto", with a horizontal line underneath.

Akira Ikemoto  
Director, Technical Services Division  
Mazda North American Operations

## WARRANTY EXTENSION

For certain 2009-2010 Mazda6 vehicles, the warranty coverage for specific repair of SAS unit is extended to 15 years (180 months) from the original warranty start date, with no mileage limitation.

## CONDITION OF CONCERN

On certain 2009-2010 Mazda6 vehicles, an internal component inside the SAS unit may be susceptible to corrosion. If the unit fails, the air bag warning light will illuminate to alert the driver of the failure. Continued driving in this condition could prevent the air bags from deploying in a crash necessitating air bag deployment, increasing the risk of injury. The warranty extension applies only to this condition.

*Note: Vehicles subject to this warranty extension may exhibit the same condition as safety recall campaign 9816H, but they are not involved in the safety recall.*

For subject vehicles with air bag warning light illumination, dealers should perform troubleshooting to determine if the SAS unit has failed. If diagnosis reveals the SAS unit has failed, this warranty extension program applies to SAS unit replacement, at no cost to the customer. Diagnosis will be covered under this warranty extension program at no charge to the customer, regardless of the component found to have failed.

## SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2009-2010 Mazda6	1YV HP**** 95 M44838 – M52259 1YV HZ**** A5 M00015 – M36450	From December 15, 2008 through February 25, 2010

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

## OWNER NOTIFICATION

Mazda will notify all U.S. owners of the subject vehicles by first class mail on October 5, 2016. SSPA7 is a Warranty Extension, not a repair campaign. Owners will be advised that they do not need to bring their vehicle to a dealer if it does not exhibit the affected condition. Refer to the owner letter and reimbursement form in Attachment III.

## PARTS INFORMATION

For customer vehicles with a failed SAS unit, check the GEPC for the replacement SAS unit part number.

## WARRANTY CLAIM PROCESSING INFORMATION

	Diagnosis of SAS unit For customers with SAS malfunction light ON	Replacement of SAS unit
Warranty Type Code	A	A
Process Number	AG016B	AG016A
Symptom Code	99	99
Damage Code	99	99
Part Number Main Cause	7777-SP-M15	GS3L-57-K30A
Quantity	0	1
Labor Operation Number	XXM9KXDX	XXM86XRX
Labor Hours	Actual time up to 0.7 hrs.	0.7 hrs.
Period Covered	Within 15 years/unlimited mileage of original in service date	Within 15 years/unlimited mileage of original in service date

- Only 0.2 hours diagnosis for Codes U0151 and/or U0452 and/or U3000 and/or U3003 will be accepted.

***If none of these 4 U-Codes mentioned above are present but the root cause of the malfunction light is the SAS unit, actual time up to 0.7 total hours may be claimed. RO copy with technician notes, punch times and IDS log viewer session may be requested to validate actual time over 0.2 hours.***

## RENTAL CAR INFORMATION

Mazda recommends the usage of the MCVP loaner vehicle when available. If all MCVP loaner vehicles are in use and unavailable, and the customer needs a rental car, then use your local rental facility and offer a rental car. Be sure that every effort is made to repair the car within one business day or less in order to allow the next customer the same experience.

### Rental Car Warranty Claim Information

	MCVP Vehicle Preferred	Rental Agency Vehicle
Warranty Type Code	N/A  MCVP does not require claim submission	A
Symptom Code		99
Damage Code		99
Part Number Main Cause		5555-SS-PA7R
Part Quantity		0
Labor Operation Code		MM024XRX
Labor Hours		0
Sublet – Rental Car		
Sublet Invoice Number		Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code		Enter "Z9" (other)
Sublet Amount		Up to \$30.00 per day for the number of days customer had rental car
Sublet Text		Number of days rental car was supplied to customer

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

### **VERIFY THE VEHICLE IS APPLICABLE TO SSPA7**

1. Verify the vehicle is within the following ranges:

<b>Model</b>	<b>VIN Range</b>	<b>Build Date Range</b>
2009-2010 Mazda6	1YV HP**** 95 M44838 – M52259 1YV HZ**** A5 M00015 – M36450	From December 15, 2008 through February 25, 2010

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

- If the vehicle is within the above ranges, go to Step 2.
- If the vehicle is not within the above ranges, SSPA7 is not applicable.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System.

#### **eMDCS System – Warranty Vehicle Inquiry Results:**

<b>If eMDCS displays:</b>	<b>Action to perform:</b>
SSPA7 OPEN	Proceed to “Repair Procedure” of SSPA7 only if the vehicle exhibits the air bag warning light illumination.
SSPA7 EXPIRED	Vehicle is outside the warranty time limitation.
SSPA7 is not displayed	SSPA7 does not apply to this vehicle.

**Note:** This is a warranty extension program. Application of a campaign label is not necessary.

### **REPAIR PROCEDURE**

Please refer to Repair Procedure document on MS3.

## **2009-2010 MAZDA6 - SAS UNIT WARRANTY EXTENSION PROGRAM**

### **A. DESCRIPTION**

On certain 2009-2010 Mazda6 vehicles, an internal component inside the SAS unit may be susceptible to corrosion. If the unit fails, the air bag warning light will illuminate to alert the driver of the failure. Continued driving in this condition could prevent the air bags from deploying in a crash necessitating air bag deployment, increasing the risk of injury. The warranty extension applies only to this condition.

### **B. VEHICLE INSPECTION PROCEDURE**

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

<b>Model</b>	<b>VIN Range</b>	<b>Build Date Range</b>
2009-2010 Mazda6	1YV HP****95 M44838 – M52259 1YV HZ****A5 M00015 – M36450	December 15, 2008 through February 25, 2010

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

- If the vehicle is within one of the above year ranges, proceed to step 2.
- If the vehicle is not within the above ranges, SSPA7 is not applicable.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System.

#### **eMDCS System - Warranty Vehicle Inquiry Results**

<b>If eMDCS displays:</b>	<b>Action to perform:</b>
SSPA7 OPEN	Proceed to "C. REPAIR PROCEDURE".
SSPA7 EXPIRED	Vehicle is outside the warranty time limitation.
SSPA7 is not displayed	SSPA7 does not apply to this vehicle.

### **C. REPAIR PROCEDURE**

#### **DTC Inspection Procedure**

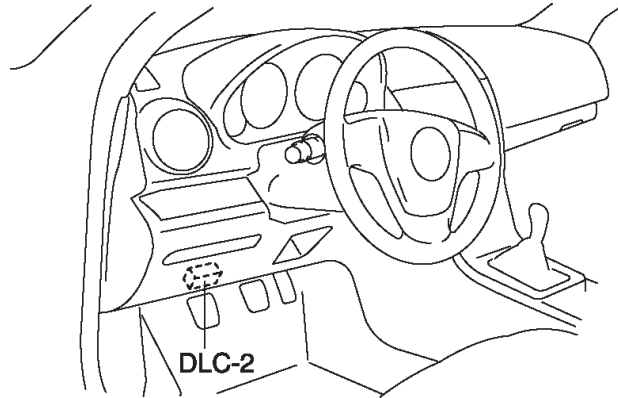
##### **Note:**

- The subject vehicles for this warranty extension may exhibit the same condition as safety recall campaign 9816H, but they are not involved in the safety recall.
- If Codes U0151 and/or U0452 and/or U3000 and/or U3003 are present, then the SAS module must be replaced.

If the vehicle with air bag warning light illumination is brought into dealer, dealer should perform troubleshooting to determine if the SAS unit has failed. If diagnosis reveals the SAS unit has failed, this warranty extension program applies to SAS unit replacement, at no cost to the customer. The DTCs described below may be stored if the SAS unit has failed.

U3000:**	SAS control module internal malfunction
U0151:**	Communication error to SAS control module
U3003:**	SAS control module power supply voltage decreases or increases
U0452:**	On request from SAS control module
**any numbers	

1. Connect the M-MDS to the DLC-2.



2. After the vehicle is identified, select the following items from the initialization screen of the M-MDS.
  - a. Select "Self-Test".
  - b. Select "Modules".
  - c. Select "RCM".
3. Verify the DTC according to the directions on the screen.
  - The DTCs described below may be stored if the SAS unit has failed.
    - U3000:\*\* SAS control module internal malfunction
    - U0151:\*\* Communication error to SAS control module
    - U3003:\*\* SAS control module power supply voltage decreases or increases
    - U0452:\*\* On request from SAS control module
  - \*\*any numbers
  - If diagnosis of any DTC reveals the SAS unit has failed, replace the SAS unit according to the "SAS CONTROL MODULE REMOVAL/INSTALLATION", at no cost to the customer.
4. After completion of repairs, clear all DTCs stored in the SAS control module.

## **Replacement Procedure**

### **WARNING**

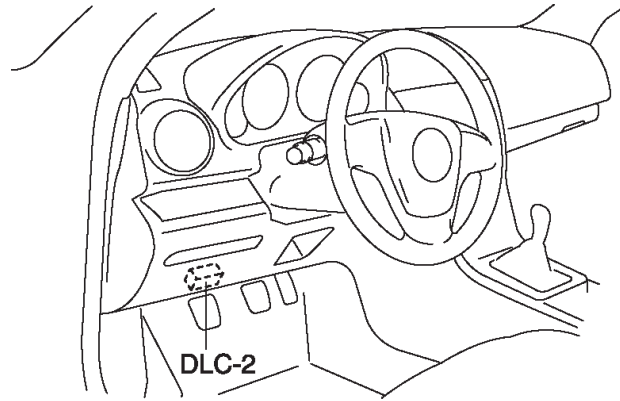
- Handling the SAS control module or air bag module improperly can accidentally deploy the air bag modules and pre-tensioner seat belt, which may seriously injure you. Read the air bag system service warnings and cautions before handling the air bag module.
- If the connector is connected and the ignition switch is turned to the ON position with the SAS control module not secured completely using the installation nuts, the SAS control module may detect a degree of impact even when something contacts it lightly, deploying the air bag module and pre-tensioner seat belt accidentally.

### **CAUTION**

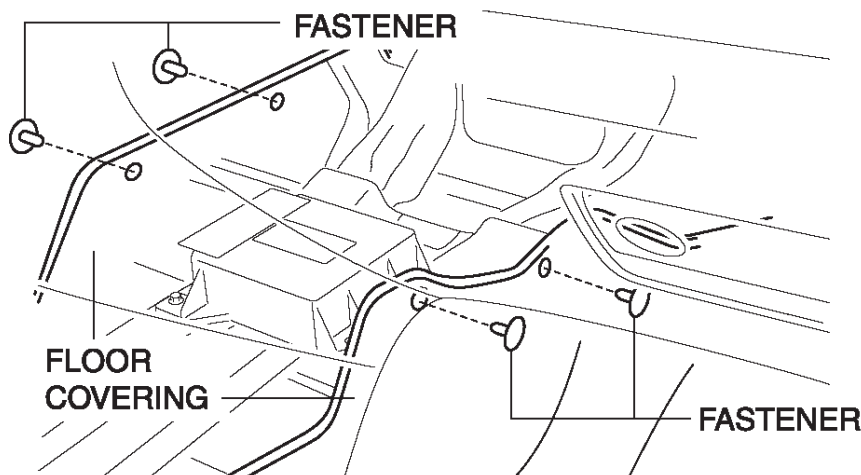
- When replacing the SAS control module, always perform the configuration procedure before removing the SAS control module. If the configuration is not performed and the SAS control module is removed, DTC U2100:00 will be displayed.
- If for any reason the configuration is not completed normally, DTC U0300:00 will be displayed in addition to DTC U2100:00.

### SAS Control Module Removal

1. Perform SAS control module configuration:
  - a) Connect the M-MDS to the DLC-2.



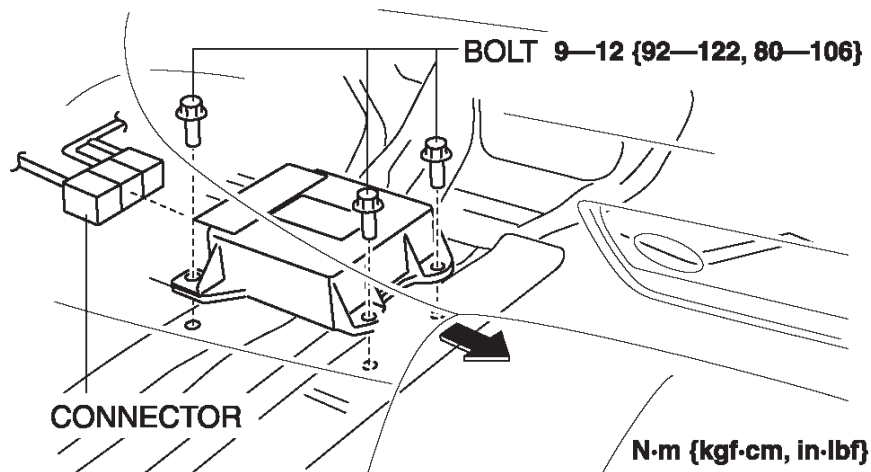
- b) After the vehicle is identified, select the following items from the initialization screen of the M-MDS.
      1. Select "Module Programming".
    - c) Then, select items from the screen menu in the following order.
      1. Select "Programmable Module Installation".
      2. Select "RCM".
    - d) Perform the configuration according to the directions on the screen.
    - e) Retrieve DTCs by the M-MDS, then verify that there is no DTC present.  
If a DTC (s) is detected, perform the applicable DTC inspection.
2. Switch the ignition to OFF.
3. Disconnect the negative battery cable and wait for **1 minute or more**.
4. Remove the fasteners shown below and partially peel back the floor covering so that the SAS control module can be removed.





5. Disconnect the connector.

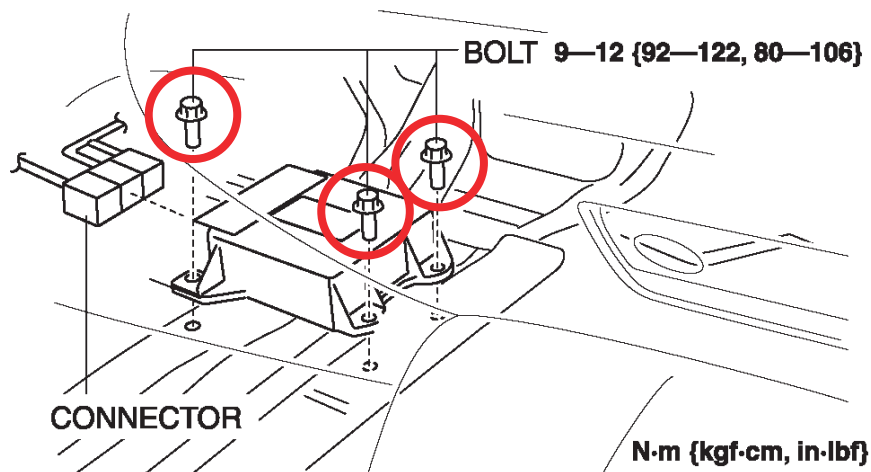
Remove the bolts and remove the SAS control module in the direction of the arrow shown below.



### SAS Control Module Installation

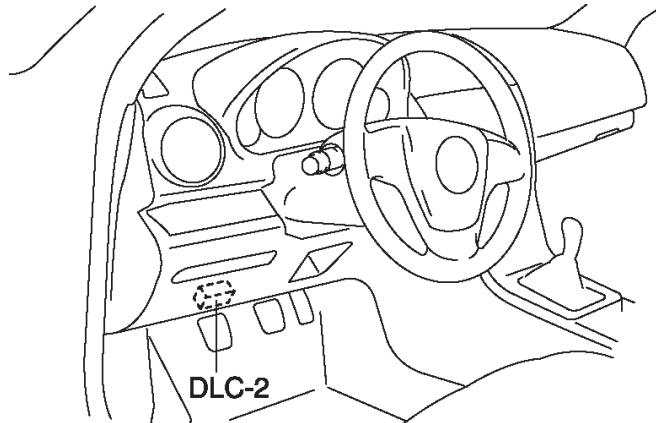
1. Install in the new SAS control module.
2. Install the bolts as shown below.

**Tightening Torque:** 80-106 in-lb (9 - 12 Nm)



3. Connect the connector to the SAS control module.
4. Return the floor cover to its original state, attach the fastener.
5. Connect the negative battery cable.
6. Turn the ignition switch to the ON position.
7. Verify that the air bag system warning light illuminates for approx. 6 seconds and goes out.
8. If the air bag system warning light does not operate normally, refer to the on-board diagnostic system (air bag system) and perform inspection of the system.

9. Perform SAS control module configuration:
- a) Connect the M-MDS to the DLC-2.



- b) After the vehicle is identified, select the following items from the initialization screen of the M-MDS.
    1. Select "Module Programming".
  - c) Then, select items from the screen menu in the following order.
    1. Select "Programmable Module Installation".
    2. Select "RCM".
  - d) Perform the configuration according to the directions on the screen.
  - e) Retrieve DTCs by the M-MDS, then verify that there is no DTC present.  
If a DTC (s) is detected, perform the applicable DTC inspection.
10. Verify the repair.



October 2016

**Sophisticated Air Bag Sensor (SAS) Unit Warranty Extension Program SSPA7  
2009-2010 Mazda6**

**This notice applies to your vehicle: VIN \_\_\_\_\_**

Dear Mazda Owner:

Mazda Motor Corporation has decided to conduct a Special Service Program (SSP) to extend the warranty coverage for the replacement of the sophisticated air bag sensor (SAS) unit on certain 2009-2010 Mazda6 vehicles produced from December 15, 2008 through February 25, 2010.

The warranty coverage for applicable repair is extended to 15 years from the original warranty start date, with no mileage limitation.

If you are a recipient of this notice, your vehicle is included in this warranty extension program.

**What is the problem?**

On certain 2009-2010 Mazda6 vehicles, an internal component inside the SAS unit may be susceptible to corrosion. If the unit fails, the air bag warning light will illuminate to alert the driver of the failure. Continued driving in this condition could prevent the air bags from deploying in a crash necessitating air bag deployment, increasing the risk of injury. The warranty extension applies only to this condition.

**What will Mazda do?**

If diagnosis confirms the air bag light is on as a result of SAS unit failure, the SAS unit will be replaced, free of charge.

**What should you do?**

If the air bag warning light is not illuminated, there is no need to contact your Mazda dealer. We suggest keeping this letter with the vehicle's warranty information booklet for future reference.

If the air bag warning light of your vehicle illuminates and stays on, please make an appointment with your Mazda dealer as soon as possible to have your vehicle diagnosed and repaired. Diagnosis will be covered under this warranty extension program, free of charge, regardless of the component found to have failed. If diagnosis confirms the air bag light is on as a result of SAS unit failure, the SAS unit will be replaced, free of charge. However, if diagnosis confirms the air bag light is on due to a different issue, this warranty extension program will not address this condition. Your Mazda dealer will open a separate repair order to address that problem.

**What if you already paid for repair on SAS unit?**

If you have already paid for repair or replacement of the SAS unit due to SAS unit failure, 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 use our "Locate a Dealer" feature at [www.MazdaUSA.com](http://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 and mail the enclosed postage-paid *Information Change Card* (no envelope required) as soon as possible. This enables us to update our records and notify the current owner.

**Still have questions?**

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

We actively work to improve our products and search for solutions to improve your ownership experience. We sincerely apologize for any inconvenience this program may have caused you.

Sincerely,

**Mazda North American Operations**

## REIMBURSEMENT PLAN

### **Requirements for Reimbursement**

If you meet **all** of the following requirements, you are eligible to receive reimbursement under this plan:

1. You own or have owned a 2009-2010 Mazda6 vehicle produced from December 15, 2008 through February 25, 2010. **Please do not send your title or registration, as these are NOT required.**
2. You have paid for SAS unit repair or replacement due to SAS unit failure, prior to receiving the notice of this program (SSPA7).
3. You have an original or legible copy of the paid repair order or invoice receipt showing:
  - Vehicle model and year, and vehicle identification number (VIN)
  - Your name and address at the time of repair
  - Description of the concern reported
  - SAS unit repair or replacement

***PLEASE DO NOT SUBMIT THIS FORM WITHOUT THE ABOVE DOCUMENTATION.***

4. Mail this reimbursement application form with the applicable payment receipts in the enclosed envelope to:

**Mazda North American Operations  
Attn: Recall Reimbursement Dept.  
P.O. Box 57085  
Irvine, CA 92619-7085**

### **Procedure for Reimbursement Request**

If your vehicle has had the SAS unit repaired or replaced due to a similar concern to this warranty extension program, prior to the launch of the program (SSPA7), you may apply for reimbursement by doing the following:

1. Complete the Reimbursement Application Form found on the reverse side of this page.
2. Once your vehicle has been repaired according to the SSP instructions, mail the Reimbursement Application Form with a legible copy of the paid repair order and/or invoice using the enclosed envelope. Include any applicable payment receipts, i.e. credit card receipt, cancelled check, etc.
3. **Retain copies** of the paid repair order or invoice and this application form for your records.
4. You will be reimbursed for the amount you have paid for SAS unit repair or replacement.

If you wish to correspond with Mazda regarding this reimbursement plan, please write to the above address and refer to your vehicle identification number (VIN).

Any reimbursement application form that is incomplete, illegible, or sent without the legible copy of the paid repair order or invoice will be returned for completion. If Mazda has any questions concerning your application for reimbursement, you may be contacted. Please allow 6-8 weeks for processing.

# REIMBURSEMENT APPLICATION FORM

## 2009-2010 Mazda6 Sophisticated Air Bag Sensor (SAS) Unit Concern – SSPA7

***REQUIRED DOCUMENTATION MUST ACCOMPANY THIS FORM. SEE PAGE 1.***

(Please type or print)

Name:	_____	_____	_____
	First	Middle	Last
Address:	_____		
	Street Address		
	_____	_____	_____
	City	State	Zip Code
Phone Number:	Home: _____		
	Work: _____		
Email:	_____		
Vehicle Identification Number (VIN):	_____		
	(17 digits in length)		
Total Amount of Reimbursement Requested:	_____		
	Dollars	.	Cents

### INSTRUCTIONS FOR GENERAL RELEASE DESCRIBED BELOW:

- Please read thoroughly
- Fill in vehicle identification number
- Sign the General Release (below)

### General Release

I am submitting to Mazda Motor Corporation ("Mazda") a claim for reimbursement for repair or replacement of SAS unit performed to date. The vehicle identification number (VIN) is:

VIN: \_\_\_\_\_

In exchange for Mazda's payment of that claim, I hereby release Mazda, its agents, and its related entities from all claims for such inspection/repair costs. This release shall benefit Mazda and its authorized agent Mazda North American Operations, its regions/distributors (foreign and domestic), its authorized dealerships, and all their respective directors, officers, agents, employees, divisions, subsidiaries, and affiliated companies. This release shall bind my heirs, successors and assigns.

Dated: \_\_\_\_\_

Signed: \_\_\_\_\_