



ZOOM-ZOOM

TO: All Mazda Dealership General Managers, Service and Parts Managers
DATE: October 2016
SUBJECT: 2009-2010 Mazda6 SAS Unit Concern – Safety Recall 9816H

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in certain 2009-2010 Mazda6 vehicles produced from February 4, 2008 through December 3, 2009.

On certain 2009-2010 Mazda6 vehicles, an internal component inside the sophisticated air bag sensor (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 purpose of this recall is to replace the SAS control module with a modified one. Please refer to Attachment II for details.

Owners of affected vehicles will be notified of this recall by first class mail beginning October 5, 2016.

This package contains important information about Recall Campaign 9816H:

Attachment I	Dealer Service and Parts Information
Attachment II	Repair Procedure
Attachment III	Owner Notification Letter and Reimbursement Form

Important Safety Notice: 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. The attached service and parts information and repair procedures are available on eMDCS and MS3 (Mazda Service Support System) websites via MXConnect.

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2. For technical assistance, contact the Technical Assistance Hotline at (888) 832-8477, Option 3.
3. For warranty questions, contact the Warranty Hotline at (877) 727-6626, Option 3.
4. For parts questions, contact the Corporate Dealer Assistance Group at (877) 727-6626 Option 2.
5. We recommend using the Recall Reminder Report #JS30R165-1 and Recall Reminder Labels 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 the 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.

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,



Akira Ikemoto
Director, Technical Services Division
Mazda North American Operations

CONDITION OF CONCERN

On certain 2009-2010 Mazda6 vehicles, an internal component inside the sophisticated air bag sensor (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.

Due to limited initial parts supply, owners will initially be informed to wait until replacement SAS units are available. When parts become available, a second notification will be mailed to owners, asking them to make an appointment with dealers for the repair. **Until dealers are notified of parts availability, for any subject vehicle with air bag warning light illumination, perform troubleshooting to determine if the SAS control module has failed. If diagnosis** reveals the SAS control module has failed, replace it at no charge to the vehicle owner.**

****Codes U0151 and/or U0452 and/or U3000 and/or U3003 present require SAS unit replacement.**

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2009-2010 Mazda6	1YV HP**** 95 M00001 – M52215 1YV HZ**** A5 M00014 – M41192	From February 4, 2008 through December 3, 2009

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

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning October 5, 2016.

PARTS INFORMATION

Recall repair parts are not yet available. Until parts are available, for customer vehicles with a failed SAS unit, check the GEPC for the replacement SAS unit part number.

WARRANTY CLAIM PROCESSING INFORMATION

	Replacement of SAS unit
Warranty Type	R
Process Number	AG015A
Symptom Code	99
Damage Code	99
Part Number Main Cause	GS3L-57-K30A or GSYL-57-K30
Quantity	1
Labor Operation Number	XXM83XRX
Labor Hours	0.7 hrs.

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		5555-98-16HR
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
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 NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2009-2010 Mazda6	1YV HP**** 95 M00001 – M52215 1YV HZ**** A5 M00014 – M41192	From February 4, 2008 through December 3, 2009

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, recall 9816H is not applicable.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect the vehicle for an Authorized Campaign Label Recall 9816H attached to the vehicle’s hood or bulkhead.

eMDCS System – Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 9816H OPEN	Present	Contact the Warranty Hotline at (877) 727-6626, option 3, to update vehicle history.
	Not present	Proceed to “REPAIR PROCEDURE”.
RECALL 9816H CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a label and apply to vehicle's hood or bulkhead.
RECALL 9816H is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

REPAIR PROCEDURE

Please refer to Repair Procedure document on MS3.

B. REPAIR PROCEDURE

WARNING

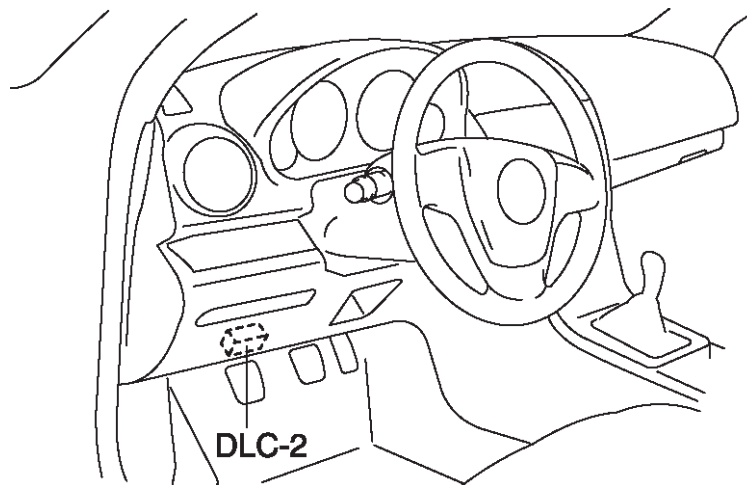
- Handling the SAS control module or air bag module improperly can accidentally deploy the air bag modules and pre-tensioner seat belt, which may seriously injure you. Read the air bag system service warnings and cautions before handling the air bag module.
- If the connector is connected and the ignition 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

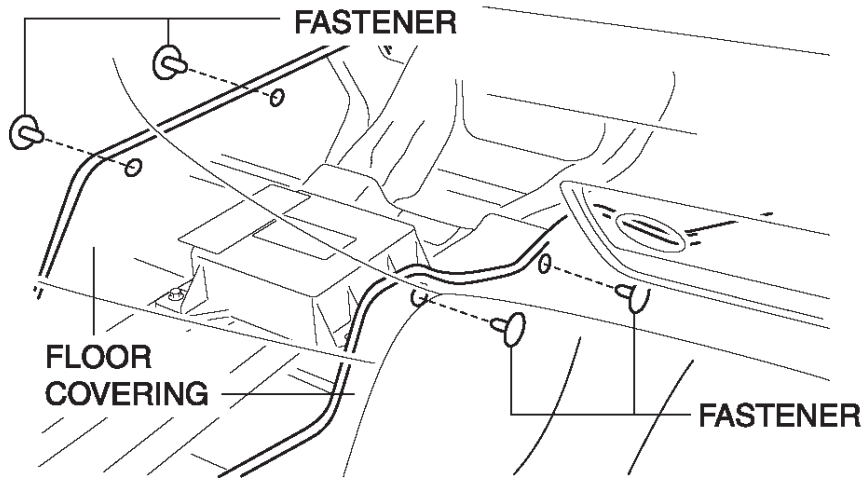
1. Perform SAS control module configuration:
 - a) Connect the M-MDS to the DLC-2.



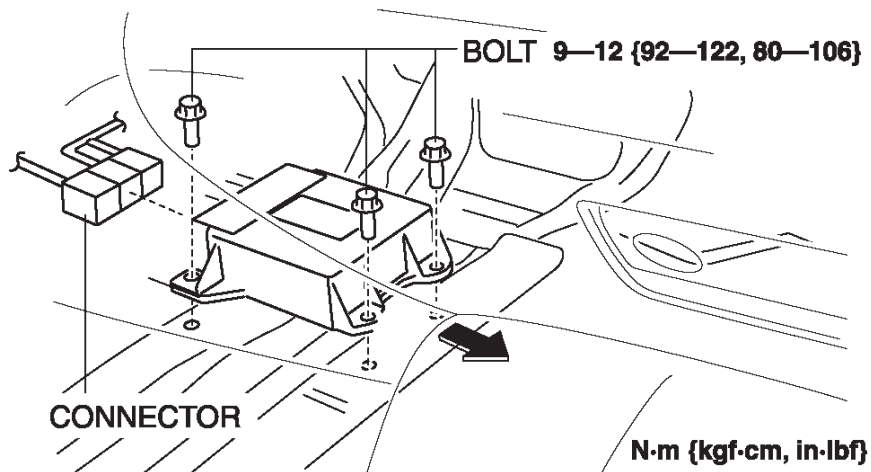
- b) After the vehicle is identified, select the following items from the initialization screen of the M-MDS.
 1. Select "Module Programming".
- c) Then, select items from the screen menu in the following order.
 1. Select "Programmable Module Installation".
 2. Select "RCM".
- d) Perform the configuration 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. .

**ATTACHMENT II
SAFETY RECALL 9816H**

2. Switch the ignition to OFF.
3. Disconnect the negative battery cable and wait for **1 min or more**.
4. Remove the fasteners shown below and partially peel back the floor covering so that the SAS control module can be removed.



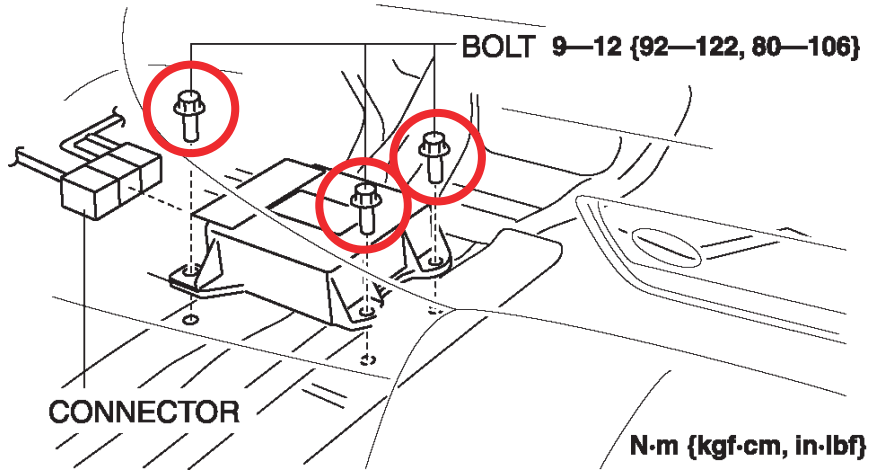
5. Disconnect the connector.
Remove the bolts and remove the SAS control module in the direction of the arrow shown below.



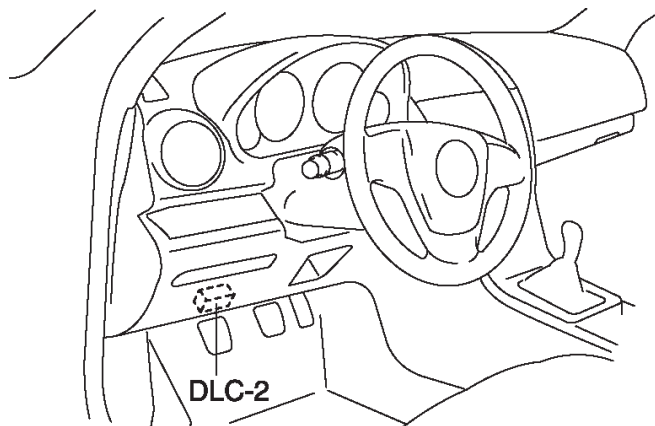
SAS Control Module Installation

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.

C. CAMPAIGN LABEL INSTALLATION

1. Fill out a blue “Campaign Label” (9999-95-065A-06) with Campaign No: “9816H”, your dealer code, today’s date.

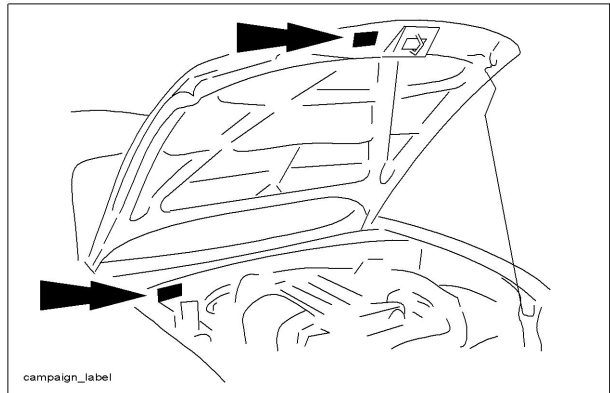
CAMPAIGN LABEL

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

P/N 9999-95-065A-06

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



3. Return the vehicle to the customer.