



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

DATE: October 2014

SUBJECT: **2014-2015 Mazda6 Tire Pressure Monitoring System Compliance Recall 8014J**

Mazda Motor Corporation has decided that certain 2014-2015 Mazda6 vehicles, produced from October 25, 2012 through October 10, 2014, fail to conform to Federal Motor Vehicle Safety Standard No. 138, Tire Pressure Monitoring Systems.

Certain Mazda6 vehicles do not comply with the detection requirement specified in the Federal Motor Vehicle Safety Standard (FMVSS) No. 138; Tire Pressure Monitoring Systems. The FMVSS No. 138 requires that the tire pressure monitoring system (TPMS) must illuminate a low tire pressure warning telltale within 20 minutes after the inflation pressure in one or more of the vehicle's tires, up to a total of four tires, is equal to or less than either the pressure 25 percent below the vehicle manufacturer's recommended cold inflation pressure, or the pressure specified in this standard, whichever is higher. The subject Mazda6 vehicles may not satisfy this detection requirement if the inflation pressure of all four tires simultaneously and gradually drops by 25 percent.

On all subject vehicles, dealers are to reprogram the control software of TPMS within the dynamic stability control (DSC) unit with the modified calibration to satisfy the detection requirement

Owners of affected vehicles will be notified by first class mail beginning October 31, 2014. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

This package contains important information about Safety Recall 8014J:

Attachment I	Dealer Service information
Attachment II	Repair Procedure

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 information and repair procedure are available on eMDCS and MS3 (Mazda Service Support System) websites via MXConnect.
2. For technical assistance, contact the Technical Assistance Hotline at (888) 832-8477, Option 3 for English speaking Hotline Specialist, Option 4 for Spanish speaking Hotline Specialist.
3. For warranty questions, contact the Warranty Hotline at (877) 727-6626, Option 3.
4. 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,



Satoshi Takahashi
Director, Technical Services Division
Mazda North American Operations

CONDITION OF CONCERN

Certain Mazda6 vehicles do not comply with the detection requirement specified in the Federal Motor Vehicle Safety Standard (FMVSS) No. 138; Tire Pressure Monitoring Systems. The FMVSS No. 138 requires that the tire pressure monitoring system (TPMS) must illuminate a low tire pressure warning telltale within 20 minutes after the inflation pressure in one or more of the vehicle’s tires, up to a total of four tires, is equal to or less than either the pressure 25 percent below the vehicle manufacturer’s recommended cold inflation pressure, or the pressure specified in this standard, whichever is higher.

The subject Mazda6 vehicles may not satisfy this detection requirement if the inflation pressure of all four tires simultaneously and gradually drops by 25 percent.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2014-2015 Mazda6	JM1 GJ**** E1 100027 – 162747 JM1 GJ**** F1 162748 – 214212	October 25, 2012 through October 10, 2014

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

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning October 31, 2014.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Campaign Label	9999-95-065A-06	1=50 labels	Obtain in MStore (no charge)

WARRANTY CLAIM PROCESSING INFORMATION

	DSC unit reprogramming
Warranty Type	R
Process Number	AE022A
Symptom Code	99
Damage Code	99
Part Number Main Cause	7777-SP-J71
Quantity	0
Labor Operation Number	XXKAWBFX
Labor Hours	0.3 H

RENTAL CAR INFORMATION

Mazda will authorize rental and service loaner vehicles on a limited basis. We are requesting dealer understanding and partnership regarding rental and loaner vehicle utilization. Please make every effort to utilize alternative transportation solutions in place of rental use. Rental is covered if customer has no alternative means of transportation.

Rental Car Warranty Claim Information

Please submit rentals on a separate claim problem number as follows:

	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	5555-80-14JR	5555-80-14JL
Part Quantity	0	Number of days loaner car was used Mazda pays \$35.00/day
Labor Operation Code	MM024XRX	MM024XRX
Labor Hours	0.0	0.0
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 NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2014-2015 Mazda6	JM1 GJ**** E1 100027 – 162747	October 25, 2012 through
	JM1 GJ**** F1 162748 – 214212	October 10, 2014

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 8014J is not applicable. Return it to inventory or the customer
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect the vehicle for an Authorized Campaign Label RECALL 8014J attached to the vehicle’s hood or bulkhead.

eMDCS System – Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 8014J	Present	Contact the Warranty Hotline at (877) 727-6626, option 3, to update vehicle history.
	Not present	Proceed to “REPAIR PROCEDURE”.
RECALL 8014J CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a label and apply to vehicle's hood or bulkhead.
RECALL 8014J is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

REPAIR PROCEDURE

Please refer to Attachment II.

2014-2015 MAZDA6 - TIRE PRESSURE MONITORING SYSTEM COMPLIANCE RECALL

A. VEHICLE INSPECTION PROCEDURE

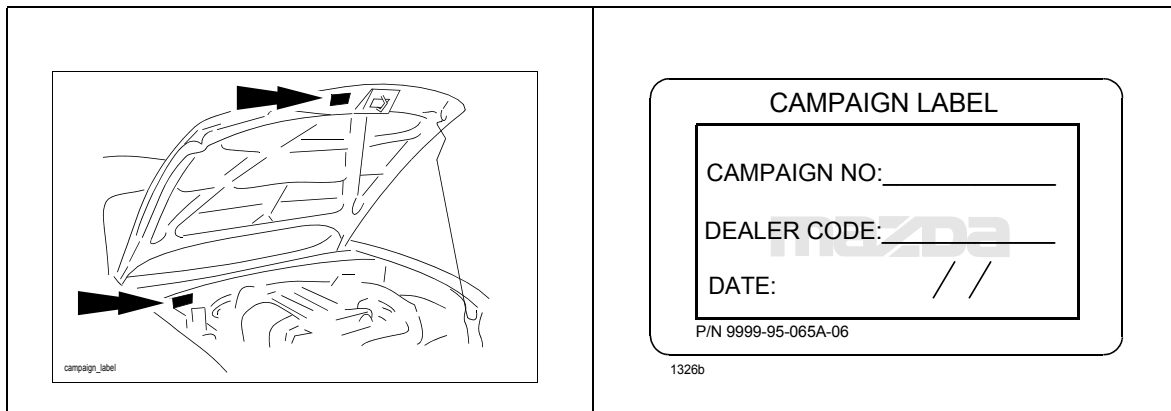
1. Verify that the vehicle is within one of the following VIN ranges:

Model	VIN Range	Production Date Range
2014-2015 Mazda6	JM1 GJ1**** E1 100027 - 162747 JM1 GJ1**** F1 162748 - 214212	From October 25, 2012 through October 10, 2014

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

- If the vehicle is within one of the above VIN ranges, proceed to step 2.
 - If the vehicle is not within one of the above VIN ranges, return the vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for a Campaign Label **8014J** 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.

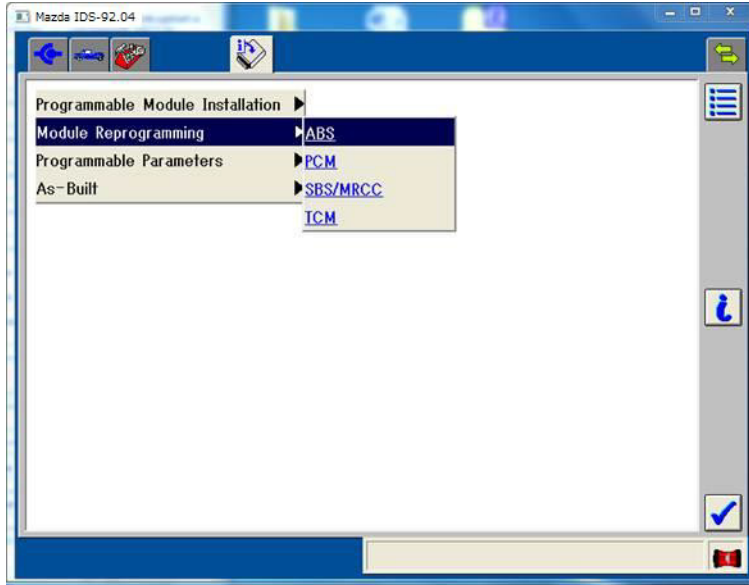


eMDCS System - Warranty Vehicle Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
8014J OPEN	Present	Contact the Warranty Hotline at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
8014J CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Proceed to "C. CAMPAIGN LABEL INSTALLATION".
8014J is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

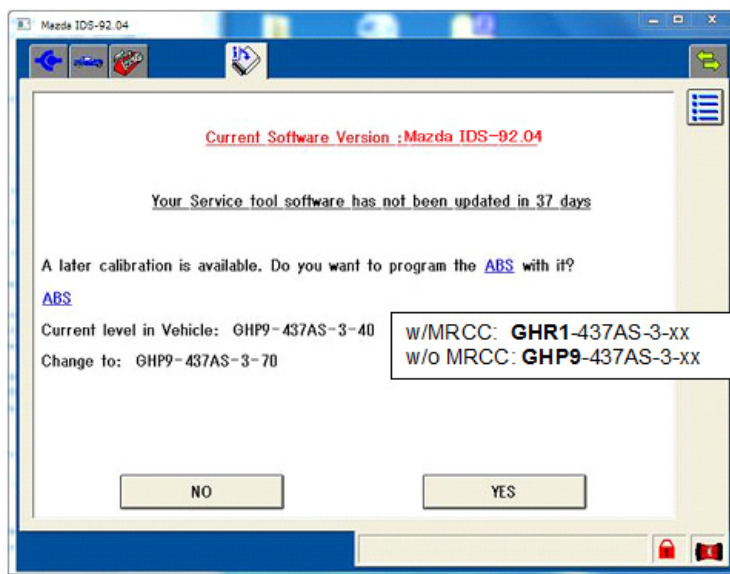
B. REPAIR PROCEDURE

1. Reboot the IDS to clear memory before reprogramming.
2. Using IDS 92.04 or later software, reprogram the ABS module to the latest calibration following the “Module Reprogramming” procedure.
 - a. Select “Module Reprogramming”, then select “ABS”.

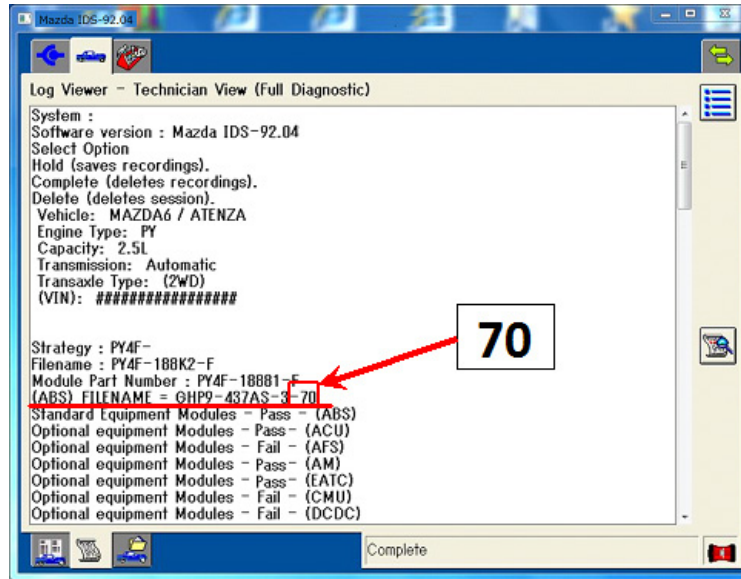


- b. The following screen will be displayed:
Click “YES” and follow the M-MDS instructions to reprogram the ABS module.

If the message “No later calibration is available on the system for this ABS” is displayed, the ABS module is already at the latest calibration. Programming is not needed. Process the Warranty Claim to close the recall, then proceed to C. CAMPAIGN LABEL INSTALLATION.



- c. After reprogramming, remove the session. Then, open a new session again and go to the “Log Viewer” screen on which the programmed file name is displayed as shown in figure. If the last two letters are “70”, the reprogramming has been successfully completed.



NOTE:

- After reprogramming, communication error related DTCs may be stored. This is a normal operation. Delete these DTCs.

Possible DTCs:

U0155:00-28	EATC - Communication error with instrument cluster
U2300:54-28	EATC - Configuration error (data not received)
U0155:00-08	R_BCM - Communication error with instrument cluster
U0100:00-28	BSML - Communication error with PCM
U0155:00-28	BSML - Communication error with instrument cluster
U0214:00-28	BSML - Communication error with start stop unit
U0100:00-28	BSMR - Communication error with PCM
U0155:00-28	BSMR - Communication error with instrument cluster
U0214:00-28	BSMR - Communication error with PCM
U0316:09-08	SBS/MRCC - Error signal received from DSC HU/CM
C0023:62-08	ABS - Brake light/Brake switch

- In some cases, the ABS warning light may illuminate and the engine will not shut off by one-press of the engine start/stop button. To correct this concern, disconnect the ABS/DSC 30A fuse for 10 seconds.

IMPORTANT INFORMATION FOR MODULE PROGRAMMING

- Always update the IDS tool first, then follow on-screen instructions to download the needed calibration file for ABS module reprogramming.
 - It is not necessary to remove any fuses or relays during ABS module reprogramming when the IDS screen prompts you to do so. You may accidentally stop power to one of the ABS module terminals and cause the ABS module to be blanked, or you may receive error messages during the IDS reprogramming procedure.
 - IDS shows the calibration part numbers after programming the ABS module.
 - Please be aware that ABS module calibration part numbers and file names listed in any Service Bulletin may change due to future releases of IDS software, and additional revisions made to those calibrations for service related concerns.
 - When reprogramming a ABS module, IDS will always display the “latest” calibration P/N available for that vehicle. If any calibration has been revised/updated to contain new information for a new service concern/issue, it will also contain all previously released calibrations.
 - **When performing this procedure, we recommend using the “Power Supply” mode in the Battery Management System to keep the vehicle battery up to capacity. If a different charger is used, make sure it does not exceed 20 AMPS. If it exceeds 20 AMPS, it could damage the VCM.**
3. After performing the ABS module reprogramming procedure, verify the repair by starting the engine and making sure there are no MIL illumination or abnormal warning lights present.

NOTE:

- If any DTCs should remain after performing DTC erase, diagnose the DTCs according to the appropriate Troubleshooting section of the Workshop Manual.
- After ABS module reprogramming, it is no longer necessary to road test the vehicle to “relearn” KAM (Keep Alive Memory).

CALIBRATION INFORMATION

File Name	Note
GHR1-437AS-3-70	With MRCC
GHP9-437AS-3-70	Without MRCC

C. CAMPAIGN LABEL INSTALLATION

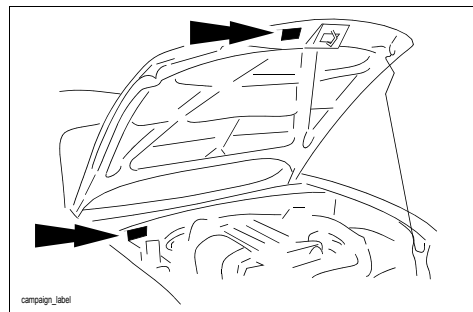
1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "8014J", your dealer code, today's date.

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

P/N 9999-95-065A-06

1326b

2. Affix it to the hood or bulkhead as shown:



3. Return the vehicle to the customer.