



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

**DATE:** February 2012

**SUBJECT:** 2010 CX-7 & 2010 Mazda6 2.5L Engine  
Readiness Code for Evaporative Monitoring System Emission Recall 6611K

Mazda Motor Corporation has decided to conduct an Emission Recall Campaign to reprogram the Powertrain Control Module (PCM) on certain 2010 CX-7 vehicles produced from May 21, 2009 through October 21, 2009 equipped with 2.5L engine, and certain 2010 Mazda6 vehicles produced on September 14, 2009 and September 22, 2009 equipped with 2.5L engine

***This emission recall campaign supersedes MSP27 and Service Bulletin 01-054/09.***

On certain 2010 CX-7 vehicles and 2010 Mazda6 vehicles, a readiness status code, which is used for the OBD-II Readiness Test, may be incorrectly set due to improper evaporative monitoring system programming.

**Owners of affected vehicles will be notified by first class mail beginning February 9, 2012.**

This package contains important information about Emission Recall 6611K:

|                |                                      |
|----------------|--------------------------------------|
| Attachment I   | Dealer Service and Parts information |
| Attachment II  | Repair Procedure                     |
| Attachment III | Owner Notification Letter            |

**Important notice:** California Department of Motor Vehicles and the Commonwealth of Massachusetts, in conjunction with the California Air Resources Board and the Environmental Protection Agency for the State of Massachusetts, have implemented the Registration Renewal/Recall Tie-In Program, which requires the completion of Emission Recalls prior to registration renewal. Mazda dealers must provide customers a *Vehicle Emission Recall – Proof of Correction Certificate* upon completion of the recall. Instruct customers to keep the certificate until needed for registration renewal.

**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 (Attachment I) were emailed to your Service Department, and are also available on eMDCS and MS3 (Mazda Service Support System) websites.
2. Inspection and repair procedure (Attachment II) are also available on eMDCS and MS3 (Mazda Service Support System) websites.
3. We recommend using the Recall Reminder Report 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 emission 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, Option 3 for English speaking Hotline Specialist, option 4 for Spanish speaking Hotline Specialist.
5. For warranty questions, contact the Warranty Hotline 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 Division  
Mazda North American Operations

**ATTACHMENT I – DEALER SERVICE AND PARTS INFORMATION**  
**Emission Recall 6611K**

**CONDITION OF CONCERN**

On certain 2010 CX-7 and 2010 Mazda6 vehicles, a readiness status code, which is used for OBD-II Readiness Test, may be incorrectly set due to improper evaporative monitoring system programming.

***This emission recall campaign supersedes the MSP27 and Service Bulletin 01-054/09.***

**SUBJECT VEHICLES**

| Model                           | Affected VINs                                               | Build Dates                                   |
|---------------------------------|-------------------------------------------------------------|-----------------------------------------------|
| 2010 CX-7<br>with 2.5L engine   | JM3 ER**** A0 300127 through<br>JM3 ER**** A0 312034        | From May 21, 2009 through<br>October 21, 2009 |
| 2010 Mazda6<br>with 2.5L engine | 1YVHZ8CH8A5M10780 and<br>1YVHZ8CH4A5M13546<br>(only 2 VINs) | September 14, 2009 and<br>September 22, 2009  |

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

**OWNER NOTIFICATION**

Mazda will notify U.S. owners by first class mail beginning **February 9, 2012**.

**PARTS INFORMATION**

| Description                                                    | Part Number     | Quantity          | Note               |
|----------------------------------------------------------------|-----------------|-------------------|--------------------|
| Campaign Label                                                 | 9999-95-065A-06 | 1=50 labels       | MStore (no charge) |
| Vehicle Emission Recall –<br>Proof of Correction Certificate * | 9999-95-ERPC-99 | 1=50 certificates | MStore (no charge) |

\* **Important notice:** California Department of Motor Vehicles and the Commonwealth of Massachusetts, in conjunction with the California Air Resources Board and the Environmental Protection Agency for the State of Massachusetts, have implemented the Registration Renewal/Recall Tie-In Program, which requires the completion of Emission Recalls prior to registration renewal. Mazda dealers must provide customers a *Vehicle Emission Recall – Proof of Correction Certificate* upon completion of the recall.

**PARTS ORDERING**

Use MStore to order additional Campaign labels (1 = sheet of 50 labels) and Vehicle Emission Recall – Proof of Correction certificates (1=50 certificates).

**WARRANTY CLAIM PROCESSING INFORMATION**

|                        | PCM Reprogramming |
|------------------------|-------------------|
| Warranty Type          | R                 |
| Symptom Code           | 99                |
| Damage Code            | 99                |
| Process Number         | AB038A            |
| Part Number Main Cause | 7777-SP-G30       |
| Quantity               | 0                 |
| Labor Operation Number | XXG5YXRX          |
| Labor Hours            | 0.3 hrs           |

**ATTACHMENT I – DEALER SERVICE AND PARTS INFORMATION**  
**Emission Recall 6611K**

**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 (1 day limit).***

**Rental Car Warranty Claim Information**

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

|                        | <b>Rental Agency Vehicle</b>                                         | <b>Dealer Loaner Car Fleet Vehicle</b>                    |
|------------------------|----------------------------------------------------------------------|-----------------------------------------------------------|
| Warranty Type Code     | A                                                                    | A                                                         |
| Symptom Code           | 99                                                                   | 99                                                        |
| Damage Code            | 99                                                                   | 99                                                        |
| Part Number Main Cause | 5555-66-11KR                                                         | 5555-66-11KL                                              |
| 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.

**ATTACHMENT I – DEALER SERVICE AND PARTS INFORMATION**  
**Emission Recall 6611K**

**VERIFY THE VEHICLE NEEDS THE RECALL**

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

| <b>Model</b>                    | <b>Affected VINs</b>                                 | <b>Build Dates</b>                            |
|---------------------------------|------------------------------------------------------|-----------------------------------------------|
| 2010 CX-7<br>with 2.5L engine   | JM3 ER**** A0 300127 through<br>JM3 ER**** A0 312034 | From May 21, 2009 through<br>October 21, 2009 |
| 2010 Mazda6<br>With 2.5L engine | 1YVHZ8CH8A5M10780 and<br>1YVHZ8CH4A5M13546           | September 14, 2009 and<br>September 22, 2009  |

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

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

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label RECALL **6611K** attached to the vehicle's hood or bulkhead.

**eMDCS System - Vehicle Status Inquiry Results**

| <b>If eMDCS displays:</b>        | <b>Campaign Label is:</b> | <b>Action to perform:</b>                                                           |
|----------------------------------|---------------------------|-------------------------------------------------------------------------------------|
| RECALL 6611K                     | Present                   | Contact the Warranty Hotline at (877) 727-6626, option 3, to update vehicle history |
|                                  | Not present               | Proceed to "REPAIR PROCEDURE".                                                      |
| RECALL 6611K<br>CLOSED           | Present                   | Return vehicle to inventory or customer.                                            |
|                                  | Not present               | Complete a label and apply to vehicle's hood or bulkhead.                           |
| RECALL 6611K is<br>not displayed | Does not apply            | Recall does not apply to this vehicle.<br>Return vehicle to inventory or customer.  |

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

**REPAIR PROCEDURE**

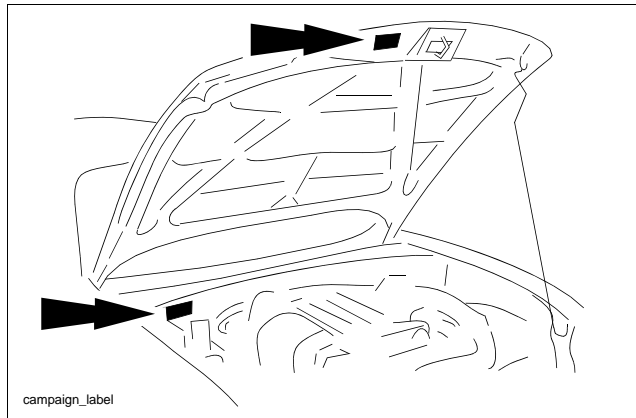
Please refer to Attachment II.

**A. VEHICLE INSPECTION PROCEDURE**

1. Inspect vehicle for a Campaign Label **6611K** attached to the vehicle's hood or bulkhead.

| Campaign Label is: | Action to perform:                                                                 |
|--------------------|------------------------------------------------------------------------------------|
| Present            | Contact the Warranty Hotline at (877) 727-6626 option 3 to update vehicle history. |
| Not present        | Proceed to "B. REPAIR PROCEDURE".                                                  |

**NOTE:** Verify Recall number as the vehicle may have multiple Recalls.



**CAMPAIGN LABEL**

CAMPAIGN NO: \_\_\_\_\_

DEALER CODE: \_\_\_\_\_

DATE:            //  //

P/N 9999-95-065A-06

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## B. REPAIR PROCEDURE

1. Reboot the IDS to clear memory before PCM reprogramming.
2. Using IDS 76.01 or later software, reprogram the PCM to the latest calibration (refer to “Calibration Information” table) by following the “Module Reprogramming” procedure.

**NOTE:**

- Always update the IDS tool first, then follow on-screen instructions to download the needed calibration file for PCM reprogramming.
  - It is not necessary to remove any fuses or relays during PCM reprogramming when the IDS screen prompts you to do so. You may accidentally stop power to one of the PCM terminals and cause the PCM to be blanked, or you may receive error messages during the IDS reprogramming procedure.
  - IDS shows the calibration part numbers after programming the PCM.
  - Please be aware that PCM 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 PCM, 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 that a battery charger be installed on the vehicle battery and turned ON to a maximum charge of no more than 20 AMPS to keep the vehicle battery up to capacity. If you exceed 20 AMPS, it could damage the VCM.**
3. After performing the PCM reprogramming procedure, clear all CMDTCs and 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 PCM reprogramming, it is no longer necessary to road test the vehicle to “relearn” KAM (Keep Alive Memory).

## CALIBRATION INFORMATION

### 2010 Mazda6 2.5L Engine

| Spec              | Transmission | New PCM Calibration   |
|-------------------|--------------|-----------------------|
| US Fed and Canada | MT           | L518-18881-M or later |
|                   | AT           | L519-18881-M or later |
| US Calif          | MT           | L520-18881-M or later |
|                   | AT           | L521-18881-M or later |

### 2010 CX-7 2.5L Engine

| Spec              | Transmission | New PCM Calibration   |
|-------------------|--------------|-----------------------|
| US Fed and Canada | MT / AT      | L556-18881-F or later |
| US Calif          | M/T / AT     | L555-18881-F or later |

**NOTE:** Disregard the following statement found on the IDS screen: *“This calibration update needs part replacement simultaneously. For details, please refer to technical service information issued by Mazda Motor Corporation or your Distributor and follow the instruction. Otherwise, you will not fix the problem correctly.”* This statement will be removed in the future.



### C. CAMPAIGN LABEL INSTALLATION

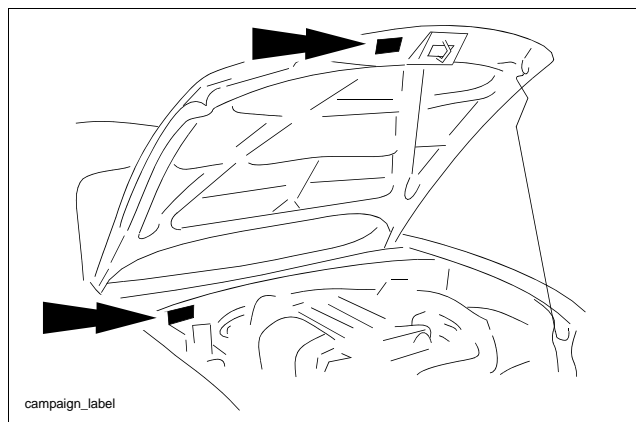
1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "6611K", your dealer code, and today's date.

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

P/N 9999-95-065A-06

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



3. Return vehicle to customer.