\*\*\*\*All Dealers: Please watch for updates to this procedure.\*\*\*\*

Table of Contents - Links in this document are provided for all steps below

Flowchart.....<u>Section A</u> Repair Procedure.....<u>Section B</u>

## Vehicle Inspection Procedure and Preparation for Repair

1. Verify that the vehicle is within the following ranges and there is an Announced <u>or</u> OPEN 7024J campaign in eMDCS:

#### SUBJECT VEHICLES

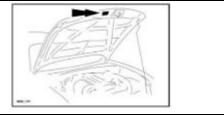
Model	Subject VIN range	Subject production date range
2024 CX-90	JM3KK**** R1 100044 - 189844	From December 27, 2022, through July 1, 2024.
2025 CX-70	JM3KJ**** S1 100013 - 114070	From December 5, 2023, through July 1, 2024.

\*Only the vehicles in this range and with a "Announced" or "Open" status in eMDCS are affected. If the vehicle is in the range above and 7024J is either in OPEN or Announced status in eMDCS, proceed to Step 2. If the vehicle <u>does not</u> have an OPEN or Announced 7024J campaign, return the vehicle to the customer or inventory.

2. Perform an eMDCS Warranty Vehicle Inquiry and inspect the vehicle for a Campaign Label with **7024J** attached to the vehicle's hood, driver door or firewall.

NOTE: Always be sure to verify the campaign number as the vehicle may have multiple campaign labels on the hood, radiator support, and firewall or driver door jamb.





## eMDCS - Warranty Vehicle Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
If no repair date is displayed on the line with CAMPAIGN 7024J, the campaign has not been completed on this vehicle	Present	Fill out Dealer Recall Help on OneMazda contact or the Mazda Warranty Department at <u>warrantydept@mazdausa.com</u> to review vehicle history.
	Not present	Proceed to "REPAIR PROCEDURE".
If repair data is displayed for	Present	Return vehicle to inventory or customer.
If repair date is displayed for CAMPAIGN 7024J, is "CLOSED"	Not present	Complete a label and apply to vehicle's hood with repair date and dealer code from eMDCS Warranty Inquiry.

The vehicle is not affected by the Recall

## TECHNICIAN LEVEL REQUIRED: CERTIFIED OR ABOVE (DOES NOT HAVE TO BE HYBRID CERTIFIED).

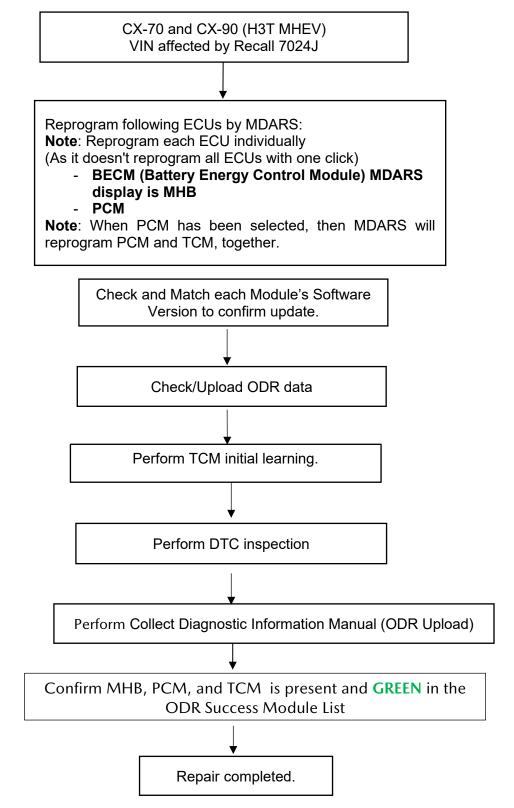
Note: Technician repairing needs to be Certified or above and does not need to be Senior or Master as long as they have had the required training for ODR – Collection of Diagnostic Information

## Section A: Flow Chart



NOTE: You must clear any DTC's (diagnose and repair) before performing any of these campaigns. The recall repairs will NOT fix/clear a DTC issue. Once repaired, then start the repair process for campaigns.

NOTE: This Flow Chart needs to be followed strictly





\*\*NOTE: <u>All vehicles require the upload of ODR (Manual) after the technician has completed all software updates</u>. If ODR is not uploaded successfully, or if one or more software updates are missed, the applicable campaign(s) will remain open, the warranty claim will not accept, and your dealer will have to contact the customer to bring back the car to correct the concern. You must do a ODR Update (Manual) even if the module software is up to date.

-----END OF SECTION A-----

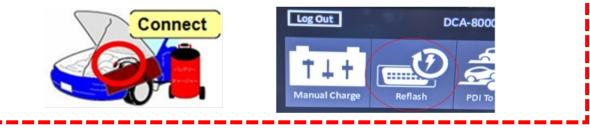
## Section B : Repair Procedure Recall 7024J

**Reprogram ECUs by MDARS** 

- Caution: Please read before repair.

Service caution during reprogramming for ECU(s)

During reprogramming, connect battery charger to the vehicle to stabilize voltage fluctuation. If missing, it may cause damage to ECUs due to decreasing voltage. 7<sup>th</sup> generation vehicle will control to turn on headlight forcibly during reprogramming due to change CAN communication. **Please use the "Reflash" setting in the charger, which will keep the voltage stable. The setting voltage must be between 12 -13V.** 

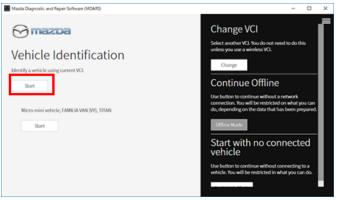


#### 1. Vehicle Identification

Connect MDARS with the DLC cable and VCM-II to the vehicle, then set the ignition to the ON position.

**CAUTION:** Connect the DLC cable and the VCM-II to the vehicle with the ignition OFF. The CAN bus line might detect some noise and it might cause a diagnostic error when connecting the DLC cable with the ignition ON.

2. Click the "Start" button.



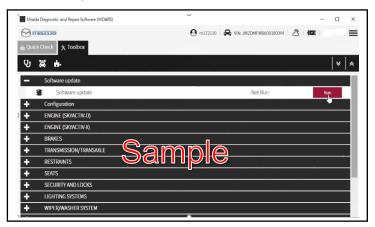
3. The Vehicle Identification process will start and automatically inspect every connection and then collect the vehicle information.



4. Verify the DTC according to the directions on the quick check screen. If any DTCs are displayed, perform troubleshooting according to the corresponding DTC inspection.



- 5. Reprogram ECUs as below.
  - At 'Software update' on 'Toolbox' tab, select 'Run'.



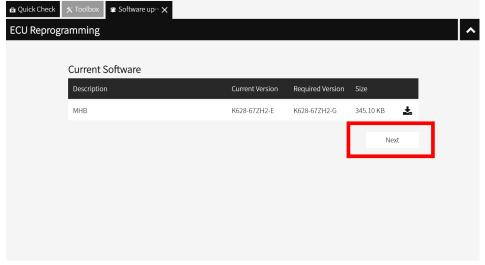
6. Select **MHB (BECM)** on the 'ECU Reprogramming' screen. Start Reprogramming. Once you are finished you will need to update the PCM module.

#### **IMPORTANT NOTE:**

- Reprogram each ECU individually (as it doesn't reprogram all ECUs with one click).
- When PCM is selected, then MDARS will reprogram PCM and TCM together as one software package. Be sure to perform initial TCM learning after TCM reprogramming.
- If current calibration file name in the ECU FILENAME screen is the same as shown in Calibration Files Information or with a later suffix, reprogramming is not necessary.
- MDARS reads the current file name of the modules to be reprogrammed and then reprograms the required modules only. (MDARS does not reprogram modules that are not needed)

#### CAUTION:

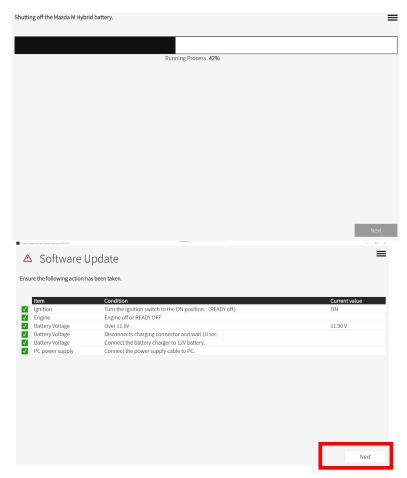
Please be careful about the behavior of MDARS when reprogramming an ECU. Depending on the reprogramming ECU, IG-ON and IG-OFF may be repeated several times due to MDARS. <u>This operation is normal operation.</u>



(1) Follow instructions in the screen and click "Next".

Quick Check X Toolbox Software up. X	
ECU Reprogramming	
Downloading Vehicle Flash Files	Complete
Downloading MHB K628-67ZH2-G	Complete
	Next

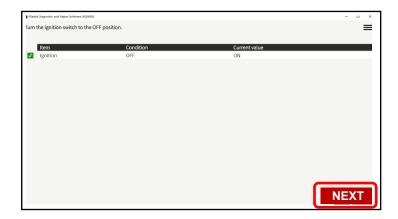
🖄 Software l	Jpdate		
sure the following action h	ias been taken.		
Item	Condition	Current value	
Ignition	OFF	OFF	
Hood	Open		
			Next
			Heat



(2) This is the screen while the software is being updated. The progress bar does not change for about 60 seconds.

		- 0 X
Updating software		=
	Running Process 37%	
		Next
		NCAL

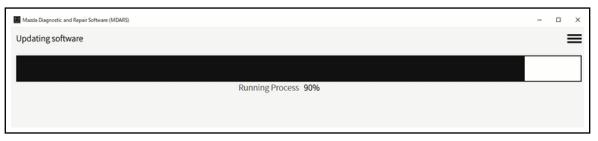
(3) During reprogramming, "Turn Ignition Switch to the OFF Position" may display on the MDARS several times. Turn the ignition switch OFF, check the box, and select "Next".

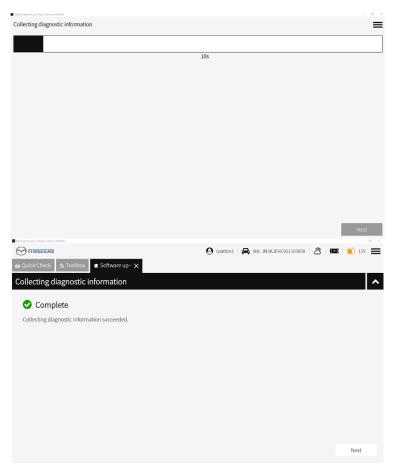


(4) MDARS may return to screen shown in step (1) multiple times (this is normal operation.). Then each time turn the ignition switch to the ON position and then click 'next'.

Battery Voltage Connect the battery charger to 12V battery.	Mazd	la Diagnostic and Repair Software (MDAR	s	- 0 ×
Item         Condition         Current value           Ignition         Turn the ignition switch to the ON position. (READY off.)         ON           Engine         Engine off or READY OFF            Battery Voltage         Over 11.6V         11.87 V           Battery Voltage         Disconnects charging connector and wait 10 sec.         11.87 V           Battery Voltage         Connect the battery charger to 12V battery.	Δ	Software U	pdate	=
Item         Condition         Current value           2         Ignition         Turn the ignition switch to the ON position. (READY off.)         ON           2         Engine         Engine off or READY OFF         Image: Constant of the ON position of the ON po		oontinare o	pauce	
Ignition         Turn the ignition switch to the ON position. (READY off.)         ON           © Engine         Engine off or READY OFF.         Discourse           Battery Voltage         Over 11.6V         11.87 V           © Battery Voltage         Disconnects charging connector and wait 10 sec.         11.87 V           © Battery Voltage         Disconnects charging rot 12V battery.         12	Ensu	re the following action ha	s been taken.	
Ignition         Turn the ignition switch to the ON position. (READY off.)         ON           © Engine         Engine off or READY OFF.         Discourse           Battery Voltage         Over 11.6V         11.87 V           © Battery Voltage         Disconnects charging connector and wait 10 sec.         11.87 V           © Battery Voltage         Disconnects charging rot 12V battery.         12		Itom	Condition	Currentialue
Engine         Engine off or READY OFF           Battery Voltage         Over 11.6V         11.87 V           Battery Voltage         Disconnects charging connector and wait 10 sec.         11.87 V           Battery Voltage         Connect the battery charger to 12V battery.         11.87 V	1			
Battery Voltage         Over 11.67 V         11.87 V           Battery Voltage         Disconnects charging connector and wait 10 sec.         12.87 V           Battery Voltage         Connect the battery charger to 12V battery.         11.87 V	7			
Battery Voltage Connect the battery charger to 12V battery.	~			11.87 V
	<b>v</b>		Disconnects charging connector and wait 10 sec.	
	✓	Battery Voltage	Connect the battery charger to 12V battery.	
PC power supply Connect the power supply cable to PC.	✓	PC power supply	Connect the power supply cable to PC.	
				NEXT

(5) When the software is being updated and advances to 90% on the screen, it may stop advancing for about 60 seconds. Wait until reprogramming is complete.





- 7. After completion of software update, the previous and current software version are shown.
  - Check current version at "Calibration File information below".
  - Then, click on "Finish" to exit the ECU reprogramming.

💮 mazba		🕑 cpatton1   🖨 VIN: JM3KKEHC2R1103319   🕭   🖽	📋 13V	=
👼 Quick Check	X Toolbox			
ECU Reprogr	ramming			^
Result for writi	ng RxSWIN.			
	-MZD-R000152	0000000120		
	-MZD-R00013H	0000000158		
	-MZD-R000079	0000000120		
			Next	

🔂 mazpa		ftware up 🗙	O cpatton1   🖨 VIN: JM3KKEHC2R11033	19   🗟   🕼   苗 13.1V 🗮
ECU Reprog	ramming			^
	Software Upd	late Summary		
	Description	Previous Version	Current Version	✓
	МНВ	K628-67ZH2-E	K628-67ZH2-G	~
		Match File		Finish

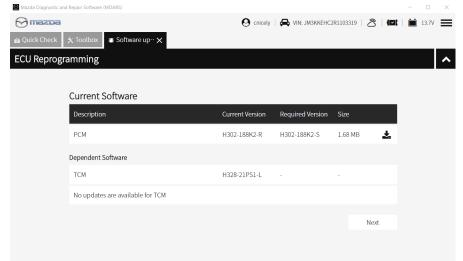
#### **Calibration file information**

#### Note: If the calibration file is with the suffix in the table or later, unit is already modified.

Model	Module	Target ECU (Hardware #)	Target Software file #	Reprogramming Time (min.)	Module to be reprogramed automatically.
CX-70	BECM	K628-67ZBZ-	K628-67ZH2-G	2	
CX-70	(M-HEV)	K629-67ZBZ		5	-

Model	Module	Target ECU (Hardware #)	Target Software file #	Reprogramming Time (min.)	Module to be reprogramed automatically.	
	BECM	K628-67ZBZ-	K628-67ZH2-G	3		
CX-90	(M-HEV)	K629-67ZBZ		3	-	
	PCM		H301-188K2-S	0	TOM	
	(M-HEV)	H301-18881-	H302-188K2-S	8	ТСМ	

# Go back to step 5 and repeat the same steps and select PCM. This will automatically update the TCM as well. See screenshots below



🔤 Mazda Diagnostic and	Repair Software (MDARS)						-		×
💮 mazba			O cnicely	🗛 VIN: JM3	KKEHC2R11033	19   🕭   🗖		13.5V	≡
💩 Quick Check	🗙 Toolbox 🛛 🗃 Software up… 🗙								
ECU Reprogra	amming								^
Daar da fa arreitain	- D. CMIN								
Result for writin	g RXSWIN.								
	-MZD-R000152		00000000120	)					
	-MZD-R00013H		0000000158						
	-MZD-R000079		0000000120						
							Ne	‹t	
Mazda Diagnostic and	Repair Software (MDARS)						-		×
💮 mazda			O cnicely	🖨 VIN: JM3	KKEHC2R110333	9   🖄   🖾		13.3V	=
💩 Quick Check	🗴 Toolbox 🛛 🗃 Software up… 🗙								
ECU Reprogra	amming								
LCO Replogia	anning								
	Software Update Summar	у							
	Description	Previous Version		Current Vers	ion	~			
	РСМ	H302-188K2-R		H302-188K2	-S	~			
						Finish			
									-
					Matc	h to re	auire	ed	
					versi				
					10101	011			

## Check/Upload ODR Data

Check ODR collection result after reprogramming all required modules with vehicle verification. 8. Open the vehicle history on toolbox tab.

a Quick Ch	eck 🗙 Toolbox		
ମ୍ <mark>ୟ</mark> 👷	ř.		×   «
$\sim$	Datalogger	Not Run	Run
+ (	Confirmation test for system operation		
+ (	On-demand self-test		
+ (	Operational records		
Ç,	Vehicle History	Not Run	Run
		•	

 Click the 'Collect Diagnostic Information' and the status has "SUCCESS" on green.
 Note: Verify the 'Collect Diagnostic Information' after all required modules are updated. Not necessary to confirm the 'Collect Diagnostic Information' after required module reprogram <u>every time.</u>

Note: Only the latest "Collect Diagnostic Information" is the valid one and that needs to show <u>"SUCCESS"</u>

Mazda Diagnostic and Repair Software (MDARS)				- a ×
💮 mazda		<b>O</b> cpatton1	🚑 VIN: JM3KJEHC9S1103858   🖄	🕼   📋 12V 🗮
💼 Quick Check 🗙 Toolbox 🔉 Vehicle	Hist… 🗙			
November 4, 2024				C   ^
	<	Nov 4, 2024 12:03 UTC -0800	>	
Start	11/4/24 12:03 PM	Status: SUCCESS		Duration: 52 seconds
Vehicle Identification	11/4/24 12:04 PM			
Quick Check > Network View	11/4/24 12:04 PM			
Quick Check > DTC List	11/4/24 12:04 PM			
Collect Diagnostic Information (Automatic	11/4/24 12:04 PM			
Collect Diagnostic Information (ECU SW U-	··11/4/24 12:15 PM			
Software update	11/4/24 12:17 PM			
Collect Diagnostic Information (Manual)	11/4/24 12:19 PM			

Confirm with Quick Check the following Modules MHB, PCM, TCM are highlighted in Green after you have already updated the modules.

							బ
DLC							
		ВСМ		-	-	VCM	
ADD	сси	СМИ	DASH_ESU	DCDC	ALH/AFS/ALV	DMC	FR
DOOR_ESU_D	DOOR_ESU_P	DSC	ECL	EPS	FSC	FSRL	FSRR
ESU	IC	ISB_AMP	LCML	LCMR	PAU	RSRL	RSRR
LFU	МНВ	РСМ	PLG	R_CCU	SAS	VMC	
SGC2/DMCM	тсм	тси	WC_Qi				

%If the status is 'FAILURE', the ODR (latest vehicle information ) has not been submitted to the server.

Status: FAILURE

Duration: 1 seconds

10. Perform following steps when status, as shown above, shows "FAILURE".

(1) At the toolbox tab, select "Collect Diagnostic information" then click 'Run'.

Mazda Diagnostic a	and Repair Software (MDARS)			- 0 ×
maz	Da	<b>O</b> m172110	CIN: JMZDMFWG600200003	🗟   🕼   📋 12.4V 🚍
) Quick Che	eck 🗙 Toolbox 🐁 Vehicle History			
n. ¥				
ት ጀ	n.•			*   *
🕈 s	ECURITY AND LOCKS			
+ u	IGHTING SYSTEMS			
+ w	VIPER/WASHER SYSTEM			
+ P	OWER SYSTEMS			
+ ь	ACTIVSENSE			
<b>+</b> M	lazda Connect			
<b>—</b> C	ollect Diagnostic Information			
٢	Moving into i-ACTIVSENSE data collecting mode		Not Run	Run
٢	Withdrawing from i-ACTIVSENSE data collecting mode		Not Run	Run
Y	Moving into Driving data collecting mode		Not Run	Run
Y	Withdrawing from Driving data collecting mode		Not Run	Run
,Qaa	Collect Diagnostic Information		Not Run	Run
8	Vehicle History		Running	Run

#### (2) Click 'Next'.

Smazoa		<b>O</b> m172110	Regional VIN: JMZDMFWG600200003	3 (2)	12.4V
Quick Check 🕺 Toolbox 🔉 Vehicle Hi	tory .a Collect Diag 🗙				
DR Collection					
DR Collection					
	continuing this procedure.				
Verify the following conditions are met before					
DDR Collection Verify the following conditions are met befor gradient of the following condition are met before of the following condition are met before the following condition are met before the following condition are met before the following conditions are met before the following					
Verify the following conditions are met before					

#### (3) It takes around 60 seconds.

Mazda Diagnostic and Repair Software (MDARS)				- ø ×
	🛛 m172110   🗲	VIN: JMZDMFWG600200003	2 🗆	🛯 💼 12.4V 🔳
Quick Check X Toolbox Vehicle History Collect Diag. X				
ODR Collection				
Collect Diagnostic Information				
	3s			
				Next

(4) MDARS will collect ODR and send to the server.

Matta Diagnostic and Repair Software (MDARS)	- ø ×
⊖ mazoa	🕑 m172110   🖨 VIN: JMZDMFWG600200003   🗟   📾   🛍 12.4V 🗮
🙃 Quick Check 🕺 Toolbox 🗿 Wehicle History 🔉 Collect Diag 🗙	
ODR Collection	
ODR collection has been successful.	

Disconnect battery charger before going to next step.

## TCM Initial Learning after TCM reprogramming

#### CAUTION:

• If the VIN is affected by campaigns other than this Recall 7024J which also requires 'TCM Initial Learning after TCM reprogramming', please only perform it once when all concerned ECU software reprogramming has been completed.

#### Warning

• When performing the initial learning, apply the parking brake securely and block the front and rear wheels using wheel blocks so that the vehicle does not move. Otherwise, the vehicle may move which could lead to an accident because the gears are forcibly changed with the engine running and the shift lever in the drive position while in the initial learning.

#### Note:

- While the initial learning is being performed, the following phenomena may occur.
  - Shift shock occurs intermittently.
  - Indications such as selector lever positions differ from those displayed normally.

#### Preparation prior to beginning

- a) Switch the ignition ON (engine on)/main power ON (READY on).
- b) Apply the parking brake.
- c) Shift the selector lever to P range and set the wheel blocks for both the front and rear wheels.
- d) The ATF temperature is 45°C to 105°C as an execution condition for AT initial learning, but after learning starts, the ATF temperature may drop to 44°C and learning may be interrupted, so learning should be started after raising the temperature to 50°C or higher.

#### Initial learning procedure

- e) Connect the M-MDS to the DLC-2 (if it was disconnected for any reason).
- f) Open the engine hood. (To ensure that the engine starts. If engine hood is opened, EV mode does not work)
- g) Switch the ignition ON (engine off)/main power ON (READY on).
- h) Perform the following procedure using the M-MDS.
  - (1) Press [Start] for the vehicle identification.
  - (2) Press the [Toolbox] tab.



- (3) Press the [Work Support] icon.(4) Press [TRANSMISSION/TRANSAXLE].
- (4) Press [IRANSMISSION/ IRANSAALE].
- (5) Press [Run] for Initial learning of AT.
- i) Perform the automatic transmission initial learning.
- j) Using the M-MDS, verify that TCM DTC P06B8:00 has not been stored. (See DTC INSPECTION.)
  - If DTC P06B8:00 is displayed, switch the ignition off/main power OFF and repeat the procedure from Step 18.
  - If any other DTCs are displayed, repair or replace the malfunctioning location according to the applicable DTC troubleshooting of workshop manual.
- k) Additionally, perform the following.

#### Shift range learning.

- 1. Start the engine.
- 2. Switch to 'Sport Mode'



- 3. While idling, depress the brake and perform the following steps.
  - i) Move the shift lever in "D".
  - ii) Move the shift lever from "D" to "R" and wait 5 seconds \*
  - iii) Move the shift lever from "R" to "D" and wait 5 seconds \*
     \* Do not stop in N range while moving the shift lever.
  - iv) Repeat steps from i) to iii) 5 times.

#### Note:

- In addition to the above learning, TCM also performs learning while driving automatically.
- Immediately after reprogramming and initial learning, the above driving learning will be reset. Therefore, it is important to explain the following to customers.

#### Explanation to customers

- To improve shift feel, the vehicle learns the timing of engaging the clutch while driving.
- This reprogramming will improve the shift feel and optimize by learning.
- However, the learning values will be reset to the initial one.
- Once the learning values are initialized, a slight shift shock might be felt intermittently, however with learning by driving it will be improved, but it may take a few days.

## **DTC** inspection

- 1. Check and erase DTC by using MDARS.
- 2. Confirm all DTCs were erased.

#### Note:

• If any DTCs should remain after performing DTC erase, diagnose the DTCs according to the appropriate troubleshooting section of the Workshop Manual.

#### Note:

- After the reprogramming, pending DTC P2610:00 [PCM] may be stored without MIL illumination. Since this DTC may turn to a current DTC depending on operations after the reprogramming, clear this DTC after all repair work is done.
  - Perform the following engine start and stop procedure to clear DTC P2610:00:
    - 1) Start the engine (5 seconds).
    - 2) Stop the engine.
    - 3) Clear the DTC recorded in the memory by MDARS.
    - 4) Perform the KOER self-test by MDARS.
- 3. Disconnect the MDARS from the DLC-2.

#### **Explanation to customers**

- Any ECU reprogramming resets the BCM's average fuel economy (remaining miles).
- Therefore, the remaining miles may change when customer drives after reprogramming.

After learning the customer's average fuel consumption calculated over several drives, the remaining miles will be displayed correctly.

## Go to ODR (Manual) Update

<u>Recovery Mode Procedure – Click here if programming fails.</u> Then return here and move to the next step in the procedure after recovery.

NOTE: If the calibration file up-to-date (suffix is equal to or greater than shown in the table), the module is already modified but ODR (Manual) update is still required.

## **ODR** (Manual) Update

WARNING! FAILURE TO PERFORM AN ODR (MANUAL) UPDATE MAY RESULT IN CLAIM DENIAL, CAMPAIGN REMAINING IN OPEN STATUS AND VEHICLE HAVING TO COME BACK TO REDO THE ODR DATA PUSH.

**Upload ODR Data -** Check for ODR collection result after reprogramming all required modules with vehicle verification. Then proceed to perform an ODR (Manual) Update

A. Open the vehicle history on toolbox tab.

🗟 Quick (	heck X Toolbox		
ပ္ပာ <u>နံ</u>	б <mark>а</mark> н-		×   ×
k	Datalogger	Not Run	Run
+	Confirmation test for system operation		
+	On-demand self-test		
+	Operational records		
<b></b>	Vehicle History	Not Run	Run

B. Click the 'Collect Diagnostic Information' and the make sure the status is 'SUCCESS' In green. NOTE: Verify by selecting 'Collect Diagnostic Information' <u>after all required</u> <u>modules are updated</u>. It is not necessary to confirm the 'Collect Diagnostic Information' after required module reprogram <u>every time</u>.

Only the latest "Collect Diagnostic Information" is the considered valid and that needs to show "SUCCESS"

Mazda Diagnostic and Repair Software (MDARS)				– 🗆 ×
🔂 mazda				
a Vehicle History 🗠 DataLogger				
November 20, 2020				C   ^
	< N	ov 20, 2020 22:15 UTC +0900	>	
Start	11/20/20 10:15 PM	Status: SUCCESS		Duration: 46 seconds
Vehicle Identification	11/20/20 10:15 PM			
Quick Check > Network View	11/20/20 10:15 PM			
Quick Check > DTC List	11/20/20 10:15 PM			
Collect Diagnostic Information (Aut	omat…11/20/20 10:16 PM			
Collect Diagnostic Information (ECU	J SW … 11/20/20 10:21 PM			
Software update	11/20/20 10:22 PM			
Software update	11/20/20 10:23 PM			

**CAUTION:** If the status is 'FAILURE', the ODR (latest vehicle information) has not been submitted to the server, continue with steps below.

Status: FAILURE	Duration: 1 seconds

C. 'Collect Diagnostic information' then click 'Run' at the tool box tab.

Mazda Diagn	nostic and Repair Software (MDARS)		- 0 >
	3203		
🗟 Quick	Check 🗙 Toolbox 🐁 Vehicle History		
Ų	a		
8			*   *
+	SECURITY AND LOCKS		
+	LIGHTING SYSTEMS		
+	WIPER/WASHER SYSTEM		
+	POWER SYSTEMS		
+	i-ACTIVSENSE		
+	Mazda Connect		
-	Collect Diagnostic Information		
1	Moving into I-ACTIVSENSE data collecting mode	Not Run	Run
1	Withdrawing from i-ACTIVSENSE data collecting mode	Not Run	Run
1	<ul> <li>Moving into Driving data collecting mode</li> </ul>	Not Run	Run
1	<ul> <li>Withdrawing from Driving data collecting mode</li> </ul>	Not Run	Run
Q	Collect Diagnostic Information	Not Run	Run
2	Vehicle History	Running	Run

#### D. Click 'Next'

Mazla Disprostic and R	Repair Software (MDARS)				-	ø	×
	8						
🖨 Quick Check	* Toolbox	Several Vehicle History	.⇔ Collect Diag… 🗙				
ODR Collec	tion						
Verify the follo	wing conditions	s are met before conti	nuing this procedure.				
Ignition	Condition : On	Current value : On					
Ignition	Condition : On	a Current value : On					

E. This may take around 60 seconds.

Mada Diagnostic and Repair Software (MDARS)	– ø ×
⊖ mazoa	=
🛍 Quick Check 🕺 🕆 Toolbox 🐁 Vehicle History 🔉 🔉 Collect Diag- 🗙	
ODR Collection	
Collect Diagnostic Information	
35	
	Next

F. MDARS has collected ODR data and confirmation has been sent to the server.

Massle Diagnostic and Rep	air Schware (MDARS)						-	σ	×
🖯 mazoa									l
Quick Check	X Toolbox	😭 Vehicle History	.a Collect Diag 🗙						
ODR Collect	ion								
		as been success	ful.						

G. Check to make sure "Collect Diagnostic Information (Manual) appears and Status shows 'SUCCESS' in green. *If this step is not completed, your warranty claim will not be approved and the customer will need to return for a re-repair.* 

Mazda Diagnostic and Repair Software	MDAR5)	- 0 ×
🖯 mazoa		👌   No Vehicle Mode 🗮
🗅 Vehicle History 🛛 🖂 DataLogge		
November 30, 2020		C   ^
	K Nov 30, 2020 16:31 UTC +090	0 >
venicie identification	11/9J/204:32 PM Status: SUCCESS	Duration: 82 seconds
Quick Check > Network View	11/30/20 4:32 PM	
Quick Check > DTC List	11/30/20 4:32 PM	
Collect Diagnostic Information (Au	om…11/30/20 4:32 PM	
Collect Diagnostic Information (Ma	nual) 11/30/20 4:35 PM	
Software update	11/30/20 4:37 PM	
Software update	11/30/20 4:38 PM	
Software update	11/30/20 4:38 PM	
Quick Check > Clear DTCs	11/30/20 4:39 PM	
Quick Check > Network View (Refre	sh D11/30/20 4:39 PM	
Quick Check > DTC List (Refresh DT	Cs) 11/30/20 4:39 PM	

11. Disconnect the MDARS from the DLC-2.

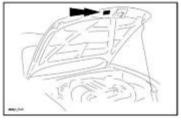
## GO TO SECTION C. CAMPAIGN LABEL INSTALLATION

## C. Campaign Label Installation

 Fill out a Black "Campaign Label" (9999-95-055A-06) with Campaign #: "7024J", your dealer code, and the repair date. It is OK to bundle multiple campaigns on one label as long as each campaign is legible as Mazda vehicles may have more than 1 campaign. Use more than one label if necessary.

	CAMPAIGN	LABEL	
CAM	PAIGN NO:		
DEAL	ER CODE:		
DATE	E	11	
P/N 9999-	95-065A-06		

2. Affix it to the hood as shown. If you cannot place the label here, the radiator support, firewall or driver door jamb are acceptable locations:



## END OF REPAIR PROCEDURE