

September 26, 2025 - Added next steps when re-programming fails and the module cannot be recovered



**Attention All Mazda Dealers: This repair procedure is for SAS Unit replacement only for certain Japan built Mazda3 vehicles that show replacement required in the Repair Calculator.**

**The repair calculator must be used to determine SAS Unit replacement. If you have not reviewed the Repair Calculator with your VIN, go back to the Repair Procedure Start Page in eMDCS to begin the repair.**

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

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**Vehicle Inspection Procedure and Preparation for Repair**

1. Verify that the vehicle is within the following ranges and has an OPEN 7525E recall, in eMDCS.

**SUBJECT VEHICLES:**

**Subject Vehicles:**

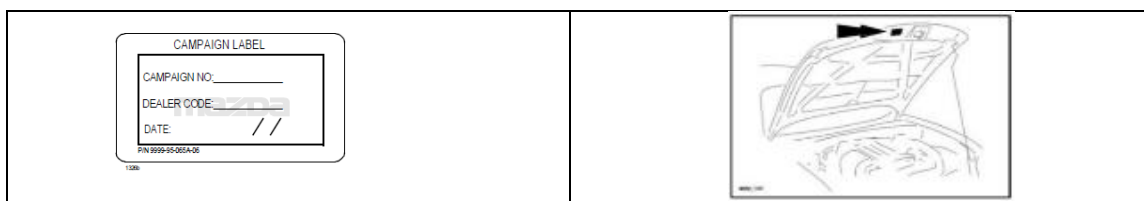
Model	Plant	Subject VIN range	Production date range
2024-2025 Mazda3	Japan (MC)	JM1BP**** R1 650003 - 722424	From May 25, 2023 - November 18, 2024
		JM1BP**** S1 750004 - 771709	

\*\*Only VIN's in this range and with an "Announced" or "Open" status in eMDCS are included.

1. If the vehicle is in the range above and 7525E is either in OPEN or Announced status in eMDCS, proceed to Step 2. If the vehicle does not have an OPEN or Announced 7525E 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 **7525E** 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 7525E, the campaign has not been completed on this vehicle	Present	Fill out Dealer Recall Help on OneMazda contact or the Mazda Warranty Department at <a href="mailto:warrantydept@mazdausa.com">warrantydept@mazdausa.com</a> to review vehicle history.
	Not present	Proceed to "REPAIR PROCEDURE".
If repair date is displayed for CAMPAIGN 7525E, is "CLOSED"	Present	Return vehicle to inventory or customer.
	Not present	Complete a label and apply to vehicle's hood with repair date and dealer code from eMDCS Warranty Inquiry.
CAMPAIGN 7525E is not displayed	See Action	<b>The vehicle is not affected by the Recall</b>

### **TECHNICIAN CERTIFICATION LEVEL REQUIRED: CERTIFIED OR ABOVE**

**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 replacing a SAS unit.**



**For part replacements only - Air Bag Connectors and Battery Disconnect: Do not work on the vehicle without disconnecting the vehicle battery as this could result in damage to the vehicle or safety systems.**

**Customer Personal Items:** If personal belongings need to be removed from vehicle interior or trunk area, please remember to neatly replace any customer items in the same location after the repair is completed. If items need to be removed, please kindly ask the customer to remove prior to beginning work on the vehicle.

**Paint or other damage to interior or exterior:** Care should be taken, and protective cover(s) used when working on any Mazda vehicle. Damage to any components, interior trim, vehicle accessories, body panels and paint will not be reimbursed by Mazda (including OEM or aftermarket). All of these items above could delay repairs, compromise safety, as well as negatively affect the customer experience and Mazda dealer-customer relationship.

## Parts Information

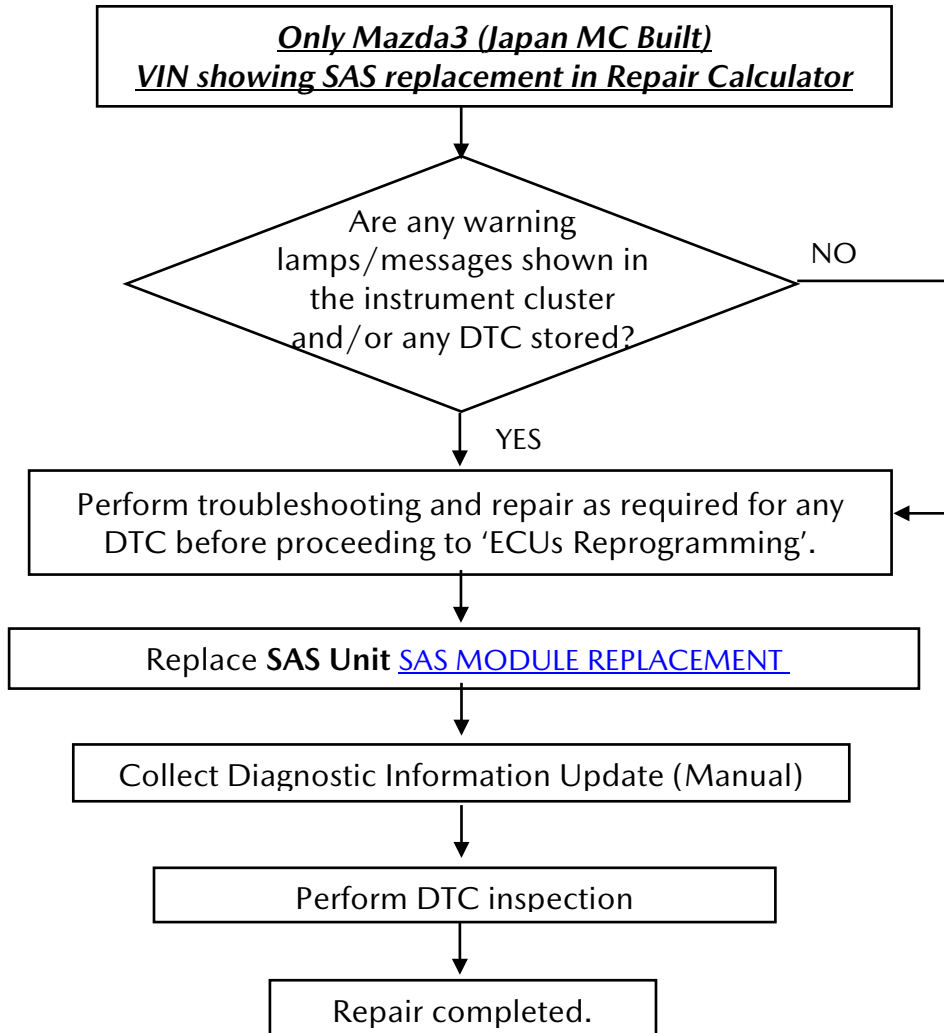
Description	Part Number	Quantity	Applicable Model or Note
SAS Unit	BHPD-57-K30E	1	Japan (MC) built Mazda3
Campaign Label	9999-95-065A-06	1 order=50 labels	Obtain in Mazda e-Store

## Section A: Flow Chart



**NOTE: You must clear any DTC's (diagnose and repair) before performing any campaigns. Once repaired, then start the repair process.**

**NOTE: This Flow Chart needs to be followed strictly**



**\*\*NOTE: All vehicles are required to Collect Diagnostic Information (Manual) after the technician has completed all software updates. If Manual Collection 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 retailer will have to contact the customer to bring back the car to correct the concern. You must do the (Manual) Collect Diagnostic Update even if the module software is up to date.**

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

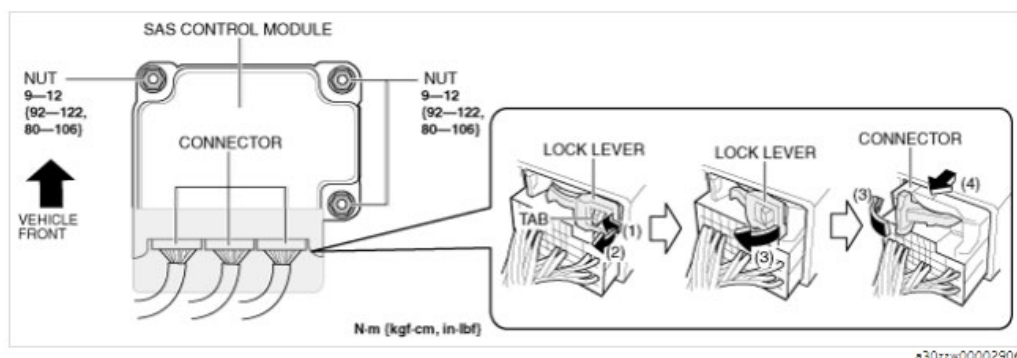
## Section B: Repair Procedure

### SAS CONTROL MODULE REPLACEMENT

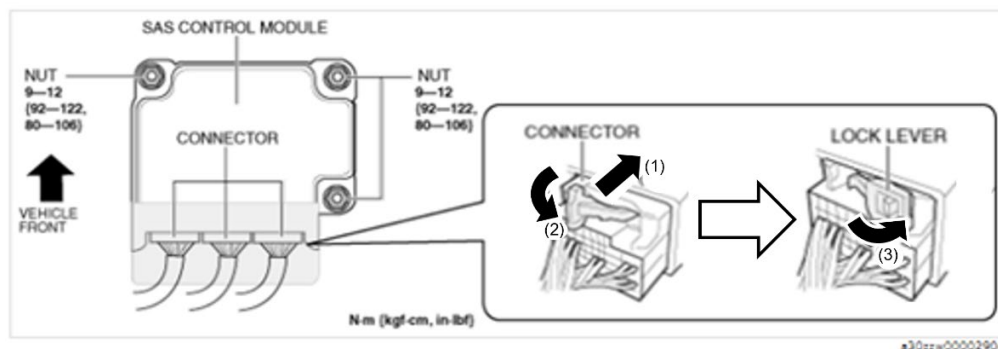
1. Please carefully read following caution before starting the repair work and then replace the SAS Control Module according to Workshop Manual [‘SAS CONTROL MODULE REMOVAL/INSTALLATION \[TWO-STEP DEPLOYMENT CONTROL SYSTEM - US/CANADA SPEC.\]’](#).

**CAUTION:** Follow the steps below to avoid damaging the connector or SAS terminal.

- Push the lock lever tab in the direction of arrow (1) shown in the figure and pull out the lock lever in the direction of arrow (2).



- SAS Control Module connector – reminder to fully lock all connectors
  - Please remember to fully lock the SAS connectors when replacing the module. If you do not fully seat each connector in the full locked position, a DTC will result causing an improper repair and delays in returning the vehicle to the customer.




- SAS control module configuration and DSC related parts sensor initial setting
  - BEFORE performing ‘DSC HU/CM CONFIGURATION’, ‘DSC RELATED PARTS SENSOR INITIAL SETTING’ please: Connect the DCA-8000 to the 12V vehicle battery to stabilize voltage fluctuation. If missing, it may cause damage to ECUs due to decreasing voltage.



**WARNING! Do not bump, dislodge any cable, VCM, DLC, or PC during programming. If communication is lost, you likely cannot recover the module. If a new SAS module replacement is needed your Mazda dealer will absorb the expense which cannot be claimed under the recall or Mazda Warranty.**

**Service caution during Configuration and Initial setting for ECU(s)**  
During configuration and initial setting, connect battery charger to the vehicle to stabilize voltage fluctuation. If missing, it may cause damage to ECUs due to decreasing voltage.  
Please use the “Reflash” setting in the charger, which will keep the voltage stable. The setting voltage must be between 12 -13V.



[Recovery Mode Procedure – Click here if programming fails.](#) Then return here and move to the next step in the procedure after recovery. See below when the module cannot be recovered.

**RE-PROGRAMMING FAILURE IN MDARS - IF PROGRAMMING FAILS DURING THE REPAIR, AND A SAS MODULE IS NEEDED PLEASE REPLACE THE MODULE THEN RE-PROGRAM TO COMPLETE THE RECALL REPAIR. THERE WILL BE TWO WARRANTY CLAIMS, #1 - FOR THE SAS MODULE UNDER MAZDA’S SAFETY WARRANTY (5 YEARS, 60K MILES) AND #2 – CLAIM FOR THE 7525E RECALL.**

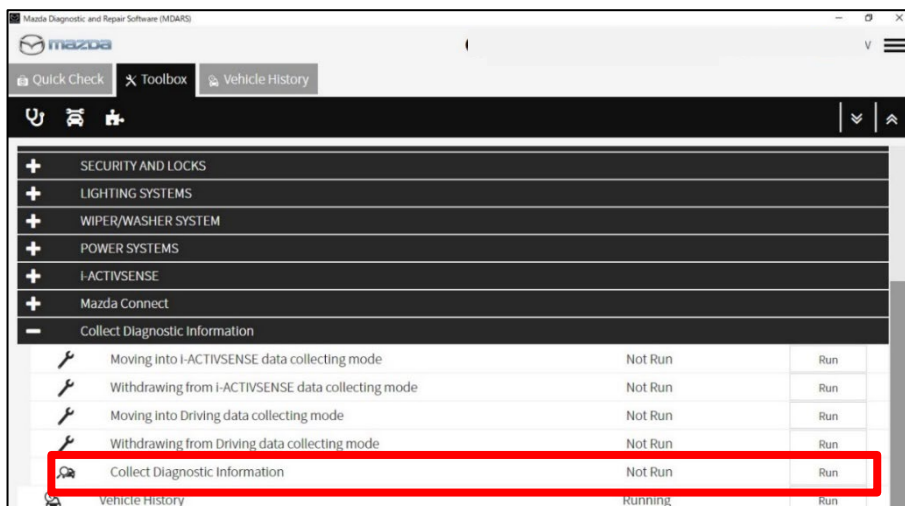
### Collect Diagnostic Information Data – ODR (Manual) Update



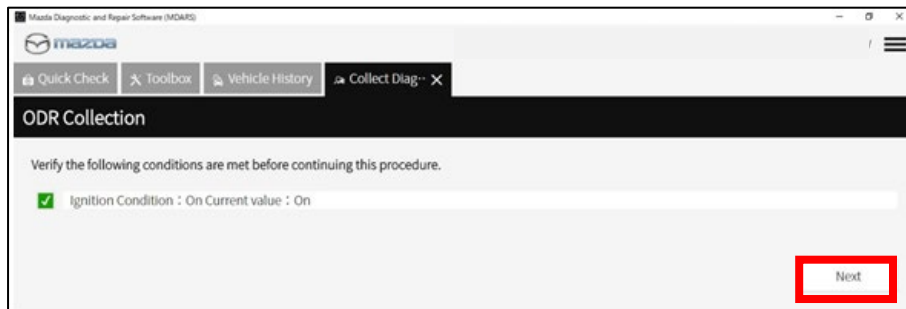
**WARNING! FAILURE TO COLLECT DIAGNOSTIC INFORMATION (MANUAL) UPDATE MAY RESULT IN CLAIM DENIAL, THE CAMPAIGN REMAINING IN OPEN STATUS AND THE VEHICLE HAVING TO RETURN TO COLLECT DATA AGAIN.**

Check ODR collection result after SAS control module replacement all required modules with vehicle verification.

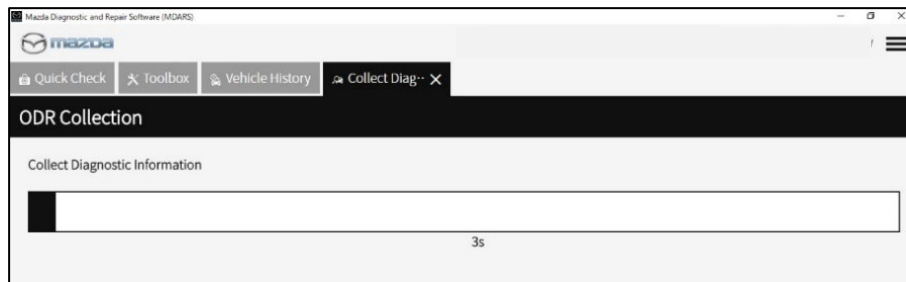
1. Perform following steps when status, as shown above, shows “FAILURE”.  
(1) At the toolbox tab, select “Collect Diagnostic information” then click ‘Run’.



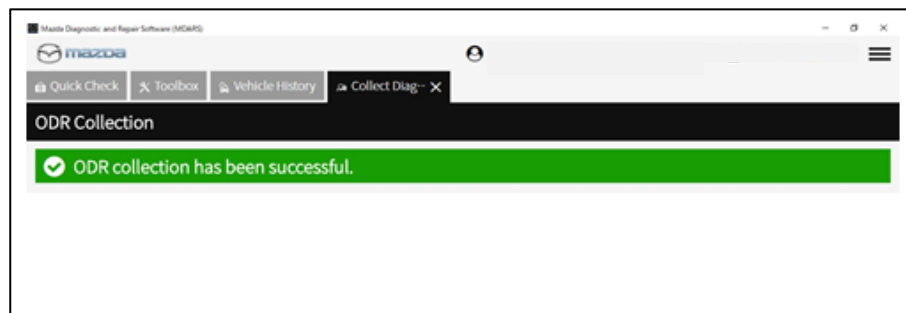
(2) Click 'Next'.



(3) It takes around 60 seconds.



(4) MDARS will Collect the Diagnostic Information and send to the server.



2. Disconnect battery charger before going to next step.

3. Go to **Section C. Campaign Label Installation**

-----END OF SECTION B-----

## Section C. Campaign Label Installation

1. Fill out a "Campaign Label" (9999-95-055A-06) with Campaign "7525E", 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

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

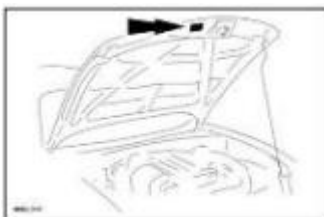
DEALER CODE: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

PIN 9999-95-055A-06

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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