

2015-16 MAZDA3 - FUEL TANK SAFETY RECALL 8615J

**RECALL NOTE**

- The **INSPECTION PROCEDURE** was revised on 10/15/15, 10/23/15 and 10/27/15.
- Changes are noted below in red beside the change bar.

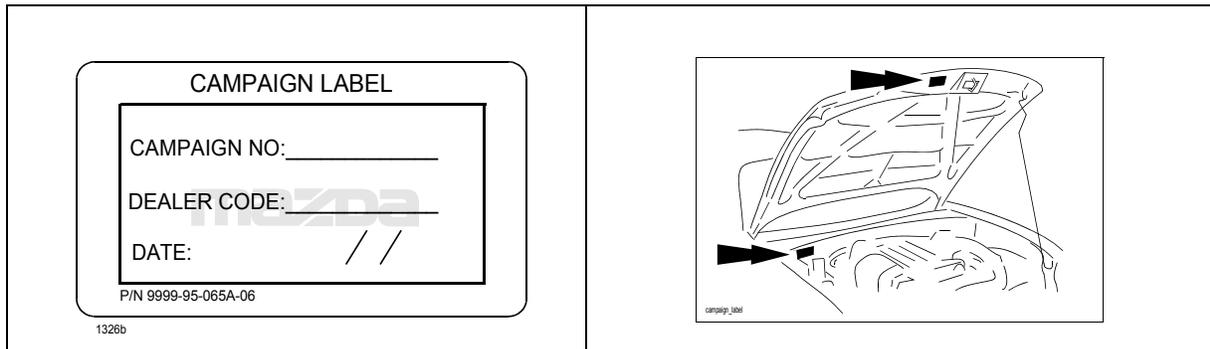
**A. VEHICLE INSPECTION PROCEDURE**

1. Verify that the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2015-16 Mazda3	3MZ BM**** FM 224274 – 237205 3MZ BM**** GM 228021 – 251896	May 21, 2015 through August 24, 2015

- If the vehicle is within the above ranges, proceed to Step 2.
  - If the vehicle is not within the above ranges, return vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for Campaign Labels **Recall 8615J** attached to the vehicle’s hood or bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

**NOTE:** Be sure to verify Recall number as the vehicle may have multiple Recall labels.



**eMDCS System - Warranty Vehicle Inquiry Results:**

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 8615J OPEN	Present	Contact the Warranty Hotline at (877) 727-6626 option 3 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
RECALL 8615J CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Proceed to "C. CAMPAIGN LABEL INSTALLATION".
RECALL 8615J is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

**B. INSPECTION PROCEDURE****NOTE:**

- **For detailed instructions on using the SST in the inspection procedure, refer to the video. If you experience damage or issues with the SST, contact Technical Hotline.**
- **When performing the test, the fuel tank vent port on the tank has to be plugged (by dropping the fuel tank) in order to get an accurate reading. DO NOT plug the system at the canister.**

1. Verify that the fuel level is 1/2 tank or less. If not, drain the tank until the fuel level is 1/2 tank or less.
2. Remove the fuel pump relay, then start the vehicle and run until the engine stops.
3. Turn the ignition OFF.
4. Write down the customer's radio presets.
5. Disconnect the negative battery cable.



6. Remove the hose from the fuel pump unit.
  - a. Remove the fuel cap from the filler pipe to release tank pressure.
  - b. Remove the back seat.



- c. Remove the service hole cover.



d. Disconnect the hose clipped to the fuel pump module and then plug the fuel pump outlet.

**CAUTION:** A small amount of fuel will spray out when the hose is disconnected.

e. Cover the fuel pump module tube with the black cap provided in the Inspection Kit.



7. Lower the fuel tank.

a. Remove the under covers.



- b. Disconnect the exhaust pipe.

**NOTE:** The exhaust gasket cannot be reused when installing in reverse.

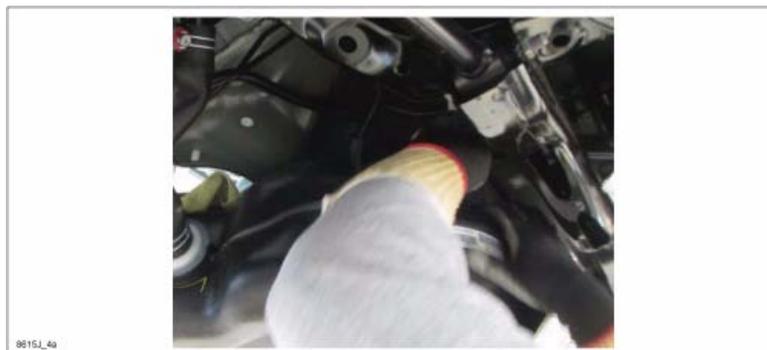


- c. Loosen the the straps in order to lower the fuel tank.



- 8. Disconnect the purge line from the fuel tank vent port using an unclipping tool.

**NOTE:** Install a new retainer to the quick release connector as it cannot be reused when installing in reverse.



9. Install the test device.
  - a. Cover the vent port with the red cap provided in the Inspection Kit.



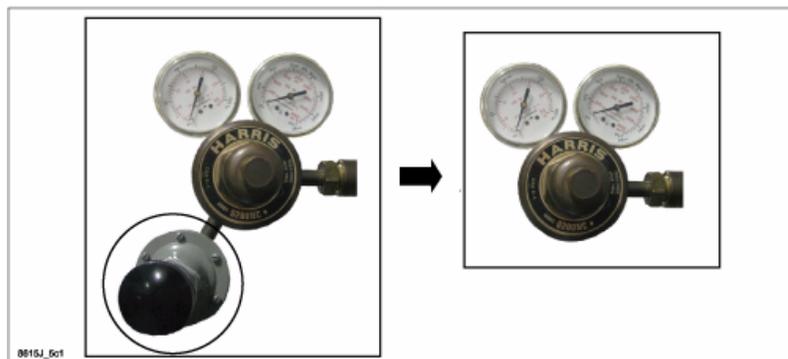
- b. Connect the pressure output of the device to the filler pipe.



- c. Plug the device in to turn it on and then open the pressure valve of the nitrogen supply to the device.



**NOTE:** In order for the device to work properly, the low pressure regulator needs to be removed.



10. Run the test.

- a. Press and hold the red button (or push the rocker to on) until the pressure on the display reads 3.5 PSI.

**NOTE:** If you accidentally release the button, the inspection must be restarted and the tank must be depressurized.



- b. After 3.5 PSI is reached, keep holding down the red button for 10 more seconds to over fill the system, then release the red button (or push the rocker to off).

**NOTE:** In this phase, the numbers on the display will change from green to red



- c. **RESULT OF A NOT GOOD TANK:** After the sequence in the following steps is completed, the pressure on the system will reduce significantly and the display will show a value under 2.9 PSI. The pressure reduction time may differ depending on how many tabs of the FLVV are opened.

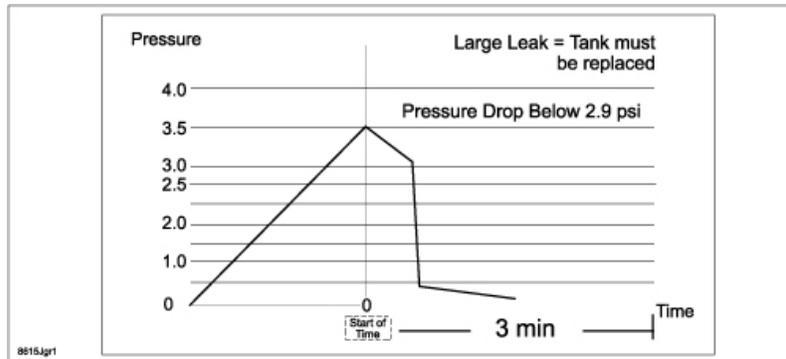
- Dealer inventory vehicle: Replace the TANK to established service parts kit (TANK kit). Refer to MS3 online instructions or Workshop Manual (section 01-14 FUEL TANK REMOVAL/INSTALLATION).
- Customer vehicle: Replace the TANK and CHARCOAL CANISTER with established service parts kit (TANK kit) and new charcoal canister. Refer to MS3 online instructions or Workshop Manual (section 01-14 FUEL TANK REMOVAL/INSTALLATION and section 01-16 CHARCOAL CANISTER REMOVAL/INSTALLATION).

## d. Follow these steps :

1. Once you release the red button (or push the rocker to off), remove the red cap from the vent port and start a 3 minute timer. It is expected that the pressure will drop and some vapor will go out from the fuel tank through the stub piercing.



- If the pressure drops below 2.9 psi fairly quickly, there is a large size leak. Replace the tank.

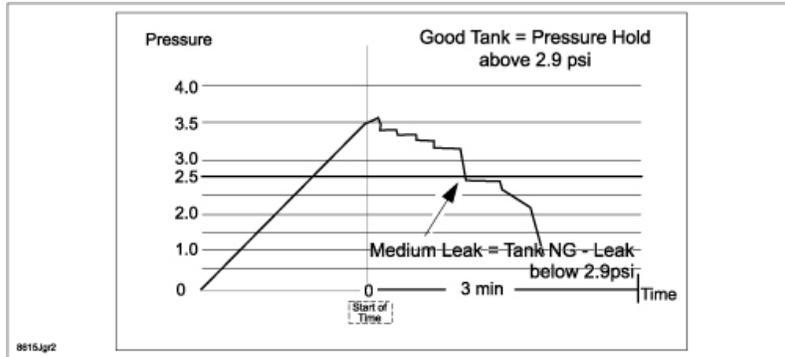


- If the pressure stays above 2.9 psi, go to the next step.
2. After  $10 \pm 2$  seconds opened, seal the vent port using your thumb.
  3. Wait for  $10 \pm 2$  seconds and open it again to validate the pressure is not dropping.
  4. After  $10 \pm 2$  seconds opened, seal again and repeat the sequence until you have closed and opened the vent port with your thumb 3 times.

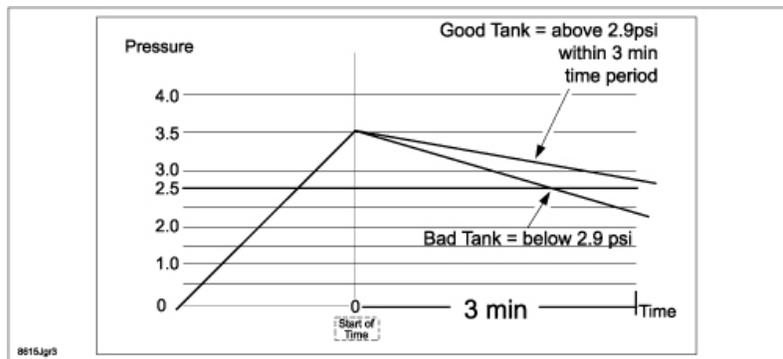


**NOTE:** Remember to use intervals of  $10 \pm 2$  seconds between every close/open.

- If the pressure drops below 2.9 psi, there is a medium size leak. Replace the tank.



- If the pressure stays above 2.9 psi, go to the next step.
5. Wait for the 3 minute timer to end.
- If the pressure drops below 2.9 psi, there is a small leak. Replace the tank.



- If the pressure stays above 2.9 psi, the tank is OK.
11. The device must be depressurized before starting a new inspection.



12. Reassemble the vehicle in the reverse order of removal.
13. Re-enter the customer's preset radio stations.
14. Proceed to "C. CAMPAIGN LABEL INSTALLATION".

**C. CAMPAIGN LABEL INSTALLATION**

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "8615J", your dealer code, today's date.

**CAMPAIGN LABEL**

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

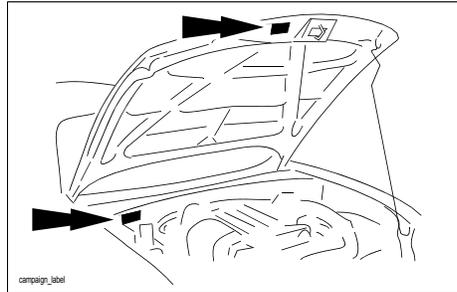
DEALER CODE: \_\_\_\_\_

DATE:            //  //

P/N 9999-95-065A-06

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



3. If the vehicle is registered in the state of California or Massachusetts, provide the customer a Vehicle Emission Recall - Proof of Correction Certificate (p/n 9999-95-ERPC-99).

<b>mazda</b> Vehicle Emission Recall - Proof of Correction			
<b>Vehicle Identification Number</b>			
<div style="border: 1px solid black; display: inline-block; width: 100%; height: 15px;"></div>			
Licence Number	Make	Year Model	Body Type
Recall Number _____			
Dealer's Name	Address, City State and Zip		
Date	Dealership's Authorized Signature		
Retain this certificate and return to the Department of Motor Vehicle (DMV) which is required by the DMV.			

9999-95-ERPC-99

**NOTE:** 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 (p/n 9999-95-ERPC-99) upon completion of the recall.

4. Return the vehicle to customer.