

<b>Subject:</b> NOISE FROM FUEL TANK (UNDER REAR SEAT) WHEN IDLING AND FUEL TANK IS FULL	<b>Bulletin No:</b> 01-002/15
	<b>Last Issued:</b> 02/04/2015

## BULLETIN NOTE

- This bulletin supersedes the previous bulletins 01-018/14 issued on 10/28/14 and 10/29/14. The APPLICABLE MODEL(S)/VINS and PART(S) Information have been revised.
- Changes are noted below beside the change bar in Red.

## APPLICABLE MODEL(S)/VINS

2014-15 Mazda3 vehicles (Japan built - US and Canada spec only) with VINs lower than JM1BM\*\*\*\*\*235980 (produced before October 1, 2014)

## DESCRIPTION

Some vehicles may exhibit a tapping noise coming from inside the fuel tank (under the rear seat) when idling after the fuel tank has been filled up. The noise disappears after driving and consuming some fuel. The concern will likely occur if the fuel tank is overfilled (more fuel is added after the fuel pump nozzle shuts off automatically) or filled up normally in high ambient temperatures and the fuel expands.

This noise is caused when the float inside the roll over valve (ROV) moves up and down when the tank is overfilled. To correct the problem, the ROV has been modified to restrict the up and down movement of the float.

Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Verify customer concern.
2. Confirm with the customer if fuel is added to the tank after the fuel pump nozzle shuts off automatically when filling up. If YES, advise the customer to stop. This is dangerous as fuel overflow or leakage can occur as warned in the Owner's Manual and the concern in this TSB is likely to occur.

### WARNING IN OWNER'S MANUAL

#### **DO NOT continue refueling after the fuel pump nozzle shuts off automatically:**

**Continuing to add fuel after the fuel pump nozzle has shut off automatically is dangerous because overfilling the fuel tank may cause fuel overflow or leakage. Fuel overflow and leakage could damage the vehicle and if the fuel ignites it could cause a fire and explosion resulting in serious injury or death.**

3. Replace the fuel tank with a modified one. Refer to the instructions on MS3 online or the Workshop Manual (section 09-10 FUEL TANK REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]).
4. Verify repair.

## PART(S) INFORMATION

Part Number	Description	Qty.	Notes
BHN1-42-110D	Fuel Tank Assembly	1	--
BBM2-42-166A	Gasket for fuel pump	1	Replacement part
PE23-40-305	Gasket for TWC	2	Replacement part
9994-61-000	Nut for TWC	4	Replacement part
<b>KD53-42-762</b>	<b>Pad, Fuel Tank</b>	<b>5</b>	<b>Replacement part (Pads will be attached on new fuel tank.)</b>

## WARRANTY INFORMATION

### NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty or one of the following Warranty terms (where applicable):
  - Calif. Emission Warranty (long term)
  - PZEV Emission Warranty
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	82
Damage Code	9W
Part Number Main Cause	BHN1-42-110D
Quantity	1
Operation Number / Labor Hours:	XXK9HXRX / 2.2 Hrs