

Subject:

FUEL- FILLER / CHARGE LID OPENS UNINTENTIONALLY WHEN UNLOCKING FRONT DOORS

Bulletin No.: 09-022/22

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BULLETIN NOTES**APPLICABLE MODEL(S)/VINS**

2019-2021 Mazda3 (Japan built) with VINS lower than JM1BP*****402991 (produced before August 23, 2021)

2019-2021 Mazda3 (Mexico built) with VINS lower than 3MZBP*****254953 (produced before November 25, 2021)

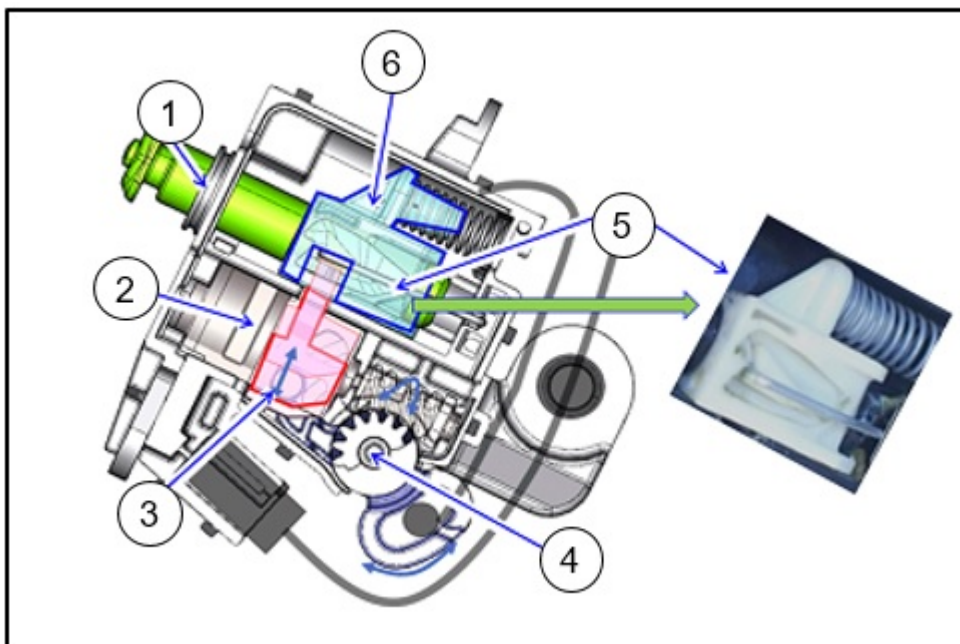
2020-2021 CX-30 with VINS lower than 3MVDM*****319324 (produced before November 26, 2021)

2022 MX-30 with VINS lower than JM1DR**B***100270 (produced before August 24, 2021)

DESCRIPTION

Some vehicles may exhibit the fuel-filler or charge lid opening unintentionally when unlocking the front doors using the door lock switch, the touch sensor on the outer door handle, or the remote transmitter.

This is caused by a mechanical issue at the actuator of the fuel-filler/charge lid (when the fuel filler/charge lid is pushed hard, the guide pin in the actuator comes off).



- (1) Lifter pin
- (2) Motor
- (3) Lock lever
- (4) Helical gear
- (5) Guide pin
- (6) Cam

To eliminate this concern, the durability of the guide pin in the actuator has been improved.

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

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REPAIR PROCEDURE

1. Verify the customer concern.
2. Replace the actuator or charging lid box assembly according to the procedure on MGSS.

- Mazda3 (FUEL-FILLER LID LOCK ACTUATOR REMOVAL/INSTALLATION)
- CX-30 (FUEL-FILLER LID LOCK ACTUATOR REMOVAL/INSTALLATION)
- MX-30 (CHARGE LID BOX ASSEMBLY REMOVAL/INSTALLATION)

NOTE: It is recommended to use a steep angle trim removal tool (45 to 90 degrees) as shown to successfully remove this clip due to the deep location and lack of working space.

**NOTE (For Mazda3 and CX-30):**

- The fuel filler lid box has retaining tabs on the aft-side of the assembly that could be accidentally broken if a tool (i.e. pick, small flat screwdriver) is inserted too far inside and pried upon. It is recommended to remove the rubber grommets and insert a tool in 2mm increments into the grommet cavity to pry the retention tabs behind the assembly to free the box.
- It is difficult to determine if the fuel filler lid box is free from the tabs as there is no positive pressure from any seal or gasket to push the assembly out. Gently pull the fuel filler lid box actuator shaft and wiggle the whole assembly out as there is a good amount of resistance from the box being stuck to the quarter panel by the other tabs.

NOTE (For MX-30): Place a sticker (1) behind the lid.

3. Verify the repair.

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PARTS INFORMATION

Parts Number	Description	Qty.	Notes
BCJH-56-890C	Actuator Assy-Lid	1	Mazda3 and CX-30
DN4E-42-4CXE	Box Assy-Charge	1	MX-30
MH01-69-066A	Label, Status Charge	1	MX-30

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 term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	42
Damage Code	9W
Part Number Main Cause	BCJH-56890-C (Mazda3, CX-30) or DN4E-424CX-E (MX-30)
Quantity	1
Operation Number / Labor Hours:	XXT8FARX / 1.1 hrs. (Mazda3 4SD / 5HB 2WD / CX-30 2WD) XXT8FBRX / 1.2 hrs. (Mazda3 5HB 4WD / CX-30 4WD) XXT8FDRX / 0.5 hrs. (MX-30)

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