

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject:

TAPPING NOISE FROM ENGINE

Bulletin No.: 01-002/21

Last Issued: 01/14/2021

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted in Red.

Previously issued TSBs:	Date issued:
01-006/20	11/04/20, 07/06/20 and 04/23/20

APPLICABLE MODEL(S)/VINS

2019-**2021** Mazda3 (US spec non-turbo)
2018-**2021** Mazda6 (US spec non-turbo)
2018-**2021** CX-5 (US spec non-turbo)

DESCRIPTION

Some vehicle may exhibit a tapping noise from the engine during idling; etc., and synchronized to the engine rpm. The tapping noise may be caused by the switchable hydraulic lash adjuster (HLA), which may not work properly due to air bubbles accumulated in the oil passage in it. Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.

NOTE: If the vehicle returns with the same issue after TSB is performed, contact Hotline.

2. With the vehicle parked, keep the engine rpm at 2000 rpm for 5 minutes.

NOTE: Engine rpm will fall to idle normally due to the failsafe function.

3. Again, keep the engine rpm at 2000 rpm for 5 minutes.

NOTE:

- DO NOT skip this step even if the noise is gone.
- Engine rpm will fall to idle normally due to the failsafe function.

4. Confirm the noise is gone.

NOTE: If the noise still exists, contact Hotline.

5. Verify repair.

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

Warranty Type	A
Symptom Code	80
Damage Code	99
Part Number Main Cause	PYFA-12-1A0A
Quantity	0
Operation Number / Labor Hours:	XXS2DXAX / 0.4 Hrs.

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