

# Technical Service Bulletin

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b>  <b>TAPPING NOISE FROM ENGINE</b>	<b>Bulletin No.:</b> 01-006/20
	<b>Last Issued:</b> 11/04/2020

## 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	07/06/20 and 04/23/20

## APPLICABLE MODEL(S)/VINS

2019-2020 Mazda3 (US spec)  
2018-2020 Mazda6 (US spec)  
2018-2020 CX-5 (US spec)

## 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.

Page 1 of 2

**CONSUMER NOTICE:** The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

**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.

**CONSUMER NOTICE:** The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.