

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: OIL LEAKAGE FROM DRIVE BELT AUTO TENSIONER AND RATTLE NOISE FROM ENGINE COMPARTMENT	Bulletin No.: 01-008/23
	Last Issued : 06/05/2023

BULLETIN NOTES

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

Previous TSBs:	Date(s) Issued:
01-019/19	11/26/19

APPLICABLE MODEL(S)/VINS

2013-2019 CX-5	2016-2019 CX-9	2016-2019 CX-3
2014-2019 Mazda3	2016-2019 MX-5	
2014-2019 (US spec) / 2020 (Mexico spec) Mazda6		
2020-2021 CX-30 with VINs lower than 3MVDM*****243452 (produced before January 22, 2021)		

DESCRIPTION

Some vehicles may exhibit oil leakage from the drive belt auto tensioner and rattling noises from the engine compartment. This may be caused by insufficient sealing at the drive belt auto tensioner damper when the auto tensioner fully operates under both high ambient temperature and high load conditions. To eliminate this concern, the shape of the drive belt auto tensioner damper has been changed.



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. Inspect the drive belt auto tensioner.

Is it part number **PE01-15-980**, or **PE03-15-980B** or earlier according to the GEPC?

- **NO:** This service bulletin is not applicable to the subject vehicle.
- **YES:** Replace the drive belt auto tensioner with a modified part according to the instructions on MGSS online:
 - CX-3 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.0])
 - **CX-30** (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5 (WITH CYLINDER DEACTIVATION)])
 - **CX-30** (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT CYLINDER DEACTIVATION)])
 - **CX-30** (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5T])
 - CX-5 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5T])
 - CX-5 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5 (WITH CYLINDER DEACTIVATION)])
 - CX-5 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT CYLINDER DEACTIVATION)])
 - CX-9 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5T])
 - MX-5 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.0])
 - Mazda3 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G (WITH CYLINDER DEACTIVATION (US))])
 - Mazda3 (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G (WITHOUT CYLINDER DEACTIVATION (US))])
 - Mazda6: (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5T])
 - Mazda6: (DRIVE BELT AUTO TENSIONER INSPECTION [SKYACTIV-G 2.5 (WITHOUT CYLINDER DEACTIVATION)])
 - Mazda6: (DRIVE BELT AUTO TENSIONER REMOVAL/INSTALLATION [SKYACTIV-G 2.5 (WITH CYLINDER DEACTIVATION)])

3. Verify the repair.

PARTS INFORMATION

Parts Number	Description	Qty.
PE03-15-980C	Tensioner-Auto	1

NOTE: All PARTS NUMBER have been superseded to PE03-15-980C.

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

Warranty Type	A
Symptom Code	82
Damage Code	9K
Part Number Main Cause	PE03-15-980C
Quantity	1
Operation Number / Labor Hr.:	XXR86ARX / 0.3 Hr. 2016-2019 CX-3 2017-2019 CX-5 2.0L / 2.5L 2016-2019 MX-5
	XXR86BRX / 0.4 Hr. 2013-2016 CX-5 2.0L / 2.5L 2014-2019 Mazda3 2.0L / 2.5L 2014-2019 Mazda6 2.0L / 2.5L
	XXR86CRX / 0.5 Hr. 2017-2019 CX-5 2.5T 2016-2019 CX-9 2.5T 2018-2019 Mazda6 2.5T 2020-2021 CX-30 2.5L
	XXR86GRX / 1.0 Hr. 2020-2021 CX-30 2.5T

NOTE: Includes drive belt auto tensioner, R&R.

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