

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.: 01-019/19
	Last Issued: 11/26/2019

APPLICABLE MODEL(S)/VINS

US Spec.:

2016-2019 CX-3
2013-2019 CX-5
2016-2019 CX-9
2016-2019 MX-5
2014-2019 Mazda3
2014-2019 Mazda6

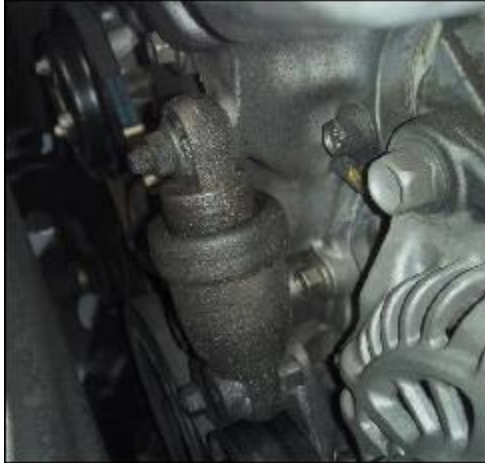
Mexico Spec.:

2013-2019 CX-5
2017-2020 Mazda6

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.

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.



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

REPAIR PROCEDURE

1. Verify the customer concern.
2. Inspect the drive belt auto tensioner. Is it part number PE01-15-980 or PE03-15-980* according to the GEPC?
 - If no, this service bulletin is not applicable to the subject vehicle.
 - If 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-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)])

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.

3. Verify the repair.

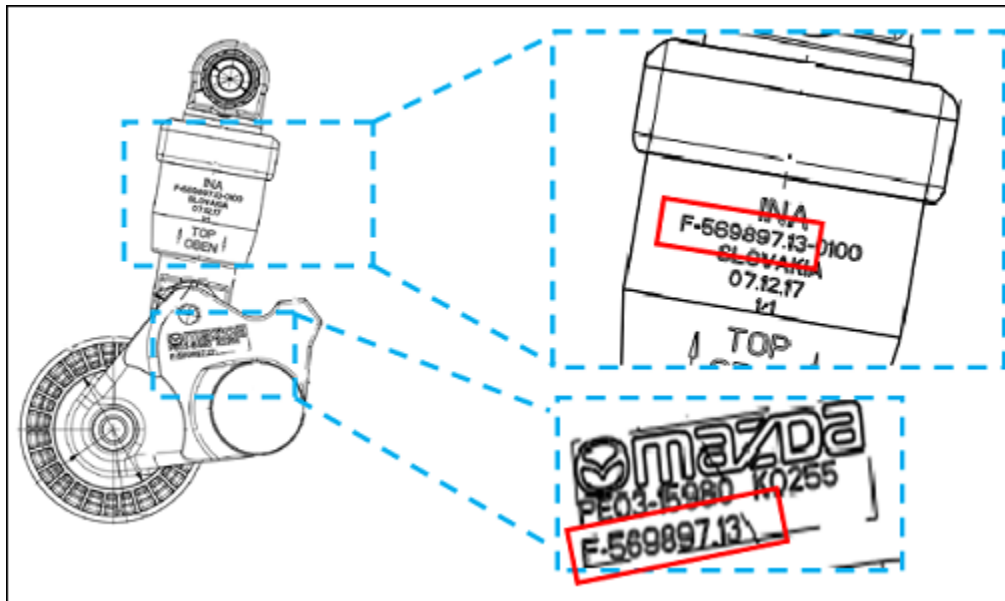
PARTS INFORMATION

Part Number	Description	Qty.	Note
PET2-15-980	Tensioner-Auto	1	New modified drive belt auto tensioner can be identified by serial number F569897.13 . Refer to the example below.

NOTE: The last two digits of the serial are different between the old and new parts.

Example:

- New part serial number is **F569897.13**.
- Old part serial number is **F569897.10**.



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.

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.

- Additional diagnostic time cannot be claimed for this repair.

		Applicable Model
Warranty Type	A	
Symptom Code	82	
Damage Code	9K	
Part Number Main Cause	PET2-15-980	
Quantity	1	
Operation Number / Labor Hr.:	XXR86ARX / 0.3 Hr.	2016-2019 CX-3 2.0L / 2.5L 2017-2019 CX-5 2.0L / 2.5L 2016-2019 MX-5 2.0L / 2.5L
	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

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

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.