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| Subject: WHINING NOISE FROM AUTOMATIC TRANSAXLE | Bulletin No: 05-005/15 |
| | Last Issued: 04/08/2015 |

BULLETIN NOTE

- This bulletin supersedes the previous bulletins 05-004/14 issued on 03/05/14, 03/19/14 and 05/05/14. The **DESCRIPTION** has been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

2012-2014 Mazda3 with VINS lower than JM1BM1K73E1144608 (produced before November 11, 2013)

2013-2014 CX-5 with VINS lower than JM3KE2BE3E0415164 (produced before November 11, 2013)

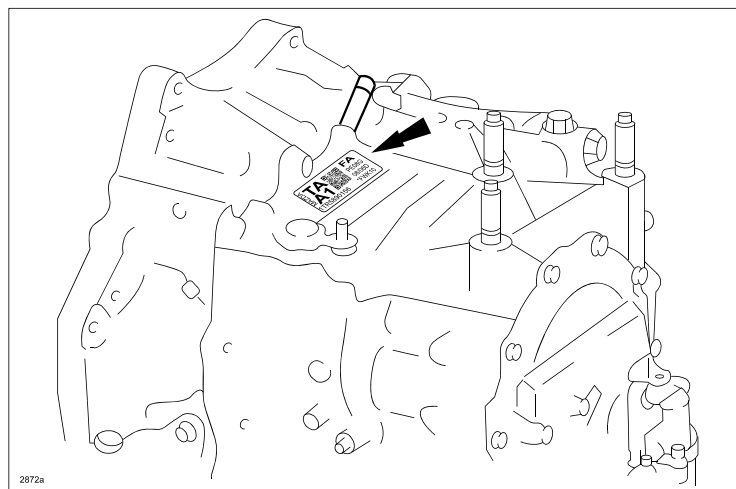
2014 Mazda6 with VINS lower than JM1GJ1U60E1158307 (produced before November 12, 2013)

DESCRIPTION

Some customers may complain of a whining noise from the automatic transaxle when driving at 10 mph and above. The noise:

- Depends on the vehicle's speed only (the more speed, the more noise)
- Occurs with all types of driving (acceleration, deceleration, steady speed)
- Does not depend on rpm, gear, or ATF temperature

This is caused by a damaged bearing in the transaxle due to improper configuration of the transaxle case. A modification has now been implemented on automatic transaxles with the serial number 3TR1111680 and higher or 3TD1104906 and higher. The serial number can be found on top of the transaxle case near the manual shaft lever.



The following table shows how to decipher the serial number. Example 3TR1111680 is Nov 2013 production.

| 3 Year | TR Production line | 11 Month | 11680 Number |
|-----------|-----------------------|-------------|-----------------|
| 1=2011 | | 01=Jan | |
| 2=2012 | | 02=Feb | |
| 3=2013 | | ... | |
| 4=2014 | | 12=Dec | |

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

REPAIR PROCEDURE

1. Verify customer concern.
2. Replace the 6AT assembly with a new one according to MS3 online instructions or Workshop Manual section 05-17.
3. Verify repair.

PART(S) INFORMATION

NOTE: SKYACTIV transaxle replacement requires MASH authorization. Complete the “Automatic Transmission Ordering” online (through MX Connect -> Service -> Support -> DAG), then contact MASH for approval with the Technical Assistance Hotline Reference Number.

| Description | Vehicle | Engine | Part Number | Qty. | Notes |
|-----------------------------|-----------------------|-----------|-------------|------|---------------------------------------|
| 6AT SKYACTIV Assembly | 2012-13 Mazda3 | PE (2.0L) | FWK1-03-000 | 1 | |
| | 2013 CX-5 (2WD) | PE (2.0L) | FWL1-03-000 | | -9/6/2012 w/out kickdown switch |
| | 2013 CX-5 (4WD) | PE (2.0L) | FW7A-03-000 | | |
| | 2013 CX-5 (2WD) | PE (2.0L) | FWLC-03-000 | | 9/7/12-11/19/12 w/ kickdown switch |
| | 2013 CX-5 (4WD) | PE (2.0L) | FW78-03-000 | | |
| | 2014 CX-5 (2WD) | PE (2.0L) | FWL7-03-000 | | |
| | 2014 CX-5 (4WD) | PE (2.0L) | FW7F-03-000 | | |
| | 2014 CX-5 (2WD) | PY (2.5L) | FWH4-03-000 | | |
| | 2014 CX-5 (4WD) | PY (2.5L) | FW7L-03-000 | | |
| | 2014 Mazda6 | PY (2.5L) | FWH3-03-000 | | w/out i-ELOOP |
| | | | FWH9-03-000 | | w/ i-ELOOP |
| | 2014 Mazda3 (VIN JM1) | PE (2.0L) | FWB2-03-000 | | |
| | 2014 Mazda3 (VIN JM1) | PY (2.5L) | FWH1-03-000 | | |
| | 2014 Mazda3 (VIN 3MZ) | PE (2.0L) | FWT6-03-000 | | |

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.
- SKYACTIV transaxle replacement requires MASH authorization. Contact MASH at 888-832-8477, option 2, to obtain prior authorization.
- Additional diagnostic time cannot be claimed for this repair.

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| Warranty Type | A |
| Symptom Code | 82 |
| Damage Code | 9G |
| Part Number Main Cause | ****-03-000* |
| Quantity | 1 |
| Operation Number / Labor Hours: | XXK23ARX / 4.5 Hrs. (2014 Mazda3 and Mazda6) XXK23BRX / 4.4 Hrs. (2012-2013 Mazda3) XXK23CRX / 4.8 Hrs. (CX-5 2WD) XXK23CRX / 6.8 Hrs. (CX-5 4WD) |