Service Bulletin Mazda North American Operations

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Irvine, CA 92618-2922



| Subject: | Bulletin No: | 05-005/13 |
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| MIL ON WITH DTC P0780 AND/OR P1738 OR OTHER DTCS | | |
| | Last Issued: | 12/17/2013 |

BULLETIN NOTE

- This bulletin supersedes the previous bulletin 05-005/13, issued on 09/23/13, 9/25/13 and 12/16/13. The PARTS INFORMATION has been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

2012-2013 Mazda3 vehicles (2.0L SKYACTIV-G A/T) with VINs lower than JM1BL*****733728 (produced before September 28, 2012)

DESCRIPTION

Some vehicles may experience the MIL ON with DTC P0780 (Gear shifting malfunction) and/or P1738 (Automatic transaxle internal malfunction) with/without U0401, or other DTCs stored in memory.

Other DTCs (with the above DTCs) - P0746:00, P0751:00, P0752:00, P0756:00, P0757:00, P0761:00, P0762:00, P0766:00, P0767:00, P0771:00, P0772:00, P079A:00, P0842:00, P0843:00, P0847:00, P0848:00, P0872:00, P0873:00, P0877:00, P0878:00, P1784:00

To correct the problem, a new programmed valve body has been established.

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

REPAIR PROCEDURE

- 1. Verify customer concern.
- 2. Replace the valve body assembly with a new one. Refer to MS3 online instructions or Workshop Manual section 05-17 CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL].

NOTE: Replace the transmission oil pan bolts and hose clamp at the connector boot with new ones.

- 3. Perform the Initial Learning Procedure. Refer to MS3 online instructions or Workshop Manual section 05-17 INITIAL LEARNING [FW6A-EL].
- 4. Verify repair.

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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.

PART(S) INFORMATION

| Part Number | Description | Qty. | Notes |
|-----------------|---------------------|------|-----------------------------|
| PEY0-21-C00 | Valve Body Assembly | 1 | Requires MASH authorization |
| 9YA0-10-615A | Oil Pan Bolts | 16 | Require replacement |
| FZ01-19-967 | Hose Clamp | 1 | Requires replacement |
| FZ01-21-1P1 | Gasket | 4 | Requires replacement |
| 0000-FZ-113E-01 | ATF-FZ | 8 | Available in 4 quart case |

WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Federal Emission Warranty long term (96 month / 80,000 miles). It will also be covered under CA PZEV Emission Warranty, where applicable.
- SKYACTIV valve body 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.

| Warranty Type | A |
|---------------------------------|-------------------------------------|
| Symptom Code | 14 |
| Damage Code | 9W |
| DTC Code | DTC P0780 and/or P1738 or other DTC |
| Part Number Main Cause | PEY0-21-C00 |
| Quantity | 1 |
| Operation Number / Labor Hours: | XXJAVXRX / 2.4 Hrs. |