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Subject: MIL ON WITH DTC P0780 AND/OR P1738 OR OTHER DTCS	Bulletin No: 05-005/13
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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.

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	---
9YA0-10-615A	Oil Pan Bolts	16	Require replacement
FZ01-19-967	Hose Clamp	1	Requires replacement

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). It will also be covered under CA PZEV Emission Warranty, where applicable.
- 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.