



Technical Information Bulletin

E270



Section

Engine - 45

Subject

Back Pressure Valve (BPV) Linkage Service Kits

Release Date

8/20/2020

Revision

08/25/2020: Added SRT 043-684

Condition

The BPV linkage may be worn due to corroded bearings. The corroded bearings often cause following DTCs:

- P101C
 - P101D
 - P101E
-

Chassis Affected

All chassis with PACCAR MX-13 EPA2013-2017 or MX-11 EPA2017 engines.

Action

Information Only

If a customer comes into your dealership and demonstrates the condition above, install the BPV Service Kit instead of replacing the BPV assembly. Procedures are available in RMI.

Warranty

The BPV Push Rod and/or BPV Repair kit should be used to repair the BPV whenever possible.

If a BPV is replaced under warranty and it is determined that the kits could have been used to repair the BPV, your claim may be adjusted.

SRT code 043-684 has been published to support installation of the BPV repair kit per RMI steps.

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	2154098PE	MX-13 BPV Push rod kit
1	2154097PE	MX-11 BPV Push rod kit
1	2107530PE	MX-11/MX-13 BPV Repair kit

Procedure

Diagnostic procedures in RMI have been revised to include inspecting the BPV push rod and linkage.

If the repair kit can be used to repair the BPV, then do not replace the BPV assembly.

Authored by: OF

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Service Bulletin

E270

Section

45 - Engine-MX

Description

Back Pressure Valve (BPV) linkage service repair kits are available. Information on guidelines for use of the repair kits versus complete replacement of BPV.

Release Date

8/20/2020

Revision History

08/25/2020 - Added SRT information, SRT 043-684.

Introduction

The BPV linkage service repair kits are available for vehicles built with PACCAR MX-13 EPA 2013/2017 or MX-11 EPA2017 engine.

The BPV linkage may be worn due to corroded bearings. The corroded bearings often cause following DTCs:

- P101C
 - P101D
 - P101E
-

Resolution

Information Only

If a customer comes into your dealership and demonstrates the condition above, install the BPV Service Kit instead of replacing the BPV assembly. Procedures are available in RMI. The BPV Push Rod and/or BPV Repair kit should be used to repair the BPV whenever possible.

Warranty

Use the BPV Push Rod and/or BPV Repair kit to repair the BPV.

If a complete BPV is replaced under warranty and the repair kits could have been used to repair the BPV, your

claim will be adjusted.

SRT code 043-684 has been published to support installation of the BPV repair kit per RMI steps.

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	2154098PE	MX-13 BPV Push rod kit
1	2154097PE	MX-11 BPV Push rod kit
1	2107530PE	MX-11/MX-13 BPV Repair kit

Procedure

Inspecting the BPV push rod and linkage has been added to the procedures in RMI. If the repair kit can be used to repair the BPV, do not replace the BPV assembly.

Authored by: DKH

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