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Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2013-2017	2.0T CPLA, CPPA	All	All	All
All	2014-2017	1.8T CPRA, CPKA	All	All	All
All	2015	2.0T CNTA	All	All	All
All	2015	1.8T CNSA, CNSB	All	All	All
All	2015-2017	1.8T CXBA, CXBB	All	All	All
All	2015-2017	2.0T CXCA, CXCB	All	All	All
All	2008-2017	2.0T CCTA, CBFA	All	All	All

Condition

13 17 02 July 13, 2017 2044350 Supersedes Technical bulletin 13-16-01 (V131601) dated May 31, 2016 to include additional engine codes and model year applicability.

Sealing Flange Installation

Technical Background

Incorrect orientation of the sealing lip during sealing flange replacement may lead to an oil leak and a repeat repair. The following information is provided to help ensure the sealing lip is orientated in the correct position before installing the sealing flange on the crankshaft.

Production Solution

Information only.



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Service



Note:

Following these instructions will ensure that the sealing flange will not leak after or is not damaged during installation.



Tip:

To properly install the sealing flange, the lip must be correctly oriented. To do this you must use Sealing Flange Guide Sleeve T20097 Figure 1.



Figure 1. T20097 Sealing Flange Guide Sleeve



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Install T20097 into the **front** (Figure 2.) of the seal and let sit for 5 minutes allowing the lip to take shape Figure 3.



Figure 2. Front of sealing flange seal



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Figure 3. T20097 installed into front of sealing flange seal



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After the 5 minutes have passed, remove T20097 from the sealing flange seal and reinstall it to the **back** of sealing flange seal Figure 4.



Figure 4. T20097 installed into the rear of the sealing flange seal

Once T20097 has been inserted into the back of the rear the sealing flange seal (Figure 4.) the T20097 and sealing flange seal can be installed onto the engine/crankshaft per the repair manual.



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Note:

A properly oriented sealing flange seal lip will be facing toward the engine block as illustrated in figure 5.



Figure 5

Warranty

Information only.

Required Parts and Tools

No special parts required.

Tool Description	Tool No:
Sealing Flange Guide Sleeve	T20097



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Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2044350/2	7/13/17	V131702	Updated to include model year 2017 applicability and additional engine codes.
2044350/1	6/31/16	V131601	Original publication.