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Coding Information

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Title: New Air Compressor Incorporates an Oil Feed Dowel O-ring

Applies To: All 2010 and up MaxxForce 11/13 engines, all N13 and A26 engines

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

04/11/2023 - Initial Article Release

DESCRIPTION

This document will outline a change made to the single cylinder air compressor used on the A26, N13, and all MaxxForce 11/13L engines. To reduce oil leaks found at the air compressor to cylinder block mating joint, an O-ring is now used around the high pressure oil feed dowel.

SERVICE PARTS INFORMATION

Description	Part Number	Quantity Required	Notes
BA-921 Compressor	BXK237295SC	1	
O-Ring	7104939C1	1	

REPAIR STEP(s)

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

WARNING! To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

INSTALLATION PROCEDURE:

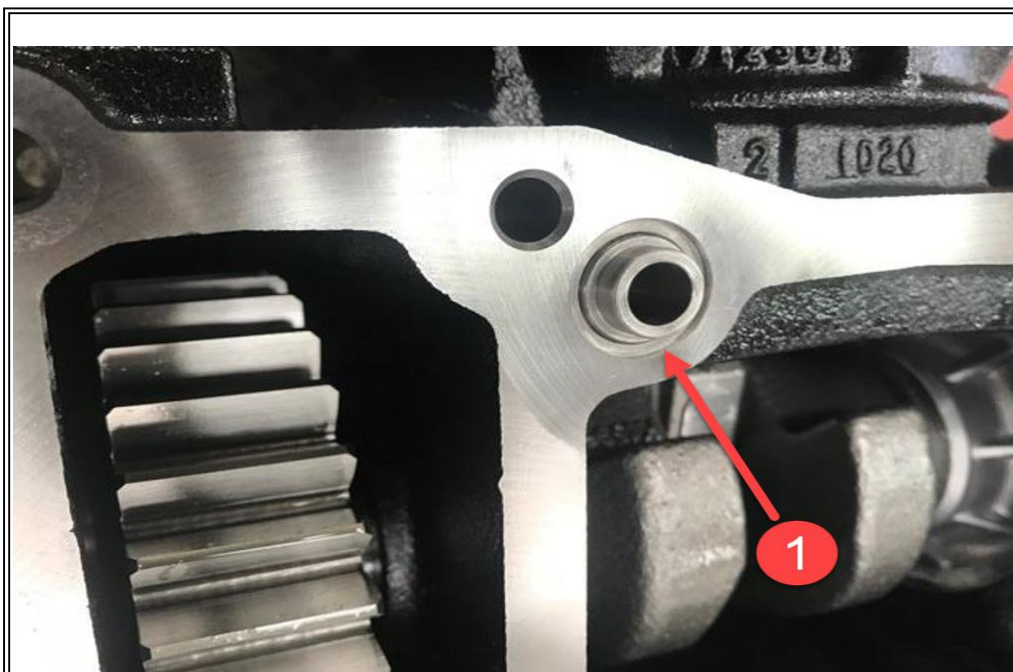


Figure #1: New BXK237295SC Air Compressor

Item 1: Machined O-Ring Groove

1. It is recommended to lightly sand or "rough up" the air compressor and cylinder block mounting faces by hand to help the sealant properly adhere.

CAUTION:

Use caution to keep any debris out of the engine and air compressor crankcase. Do not use power sanding tools as they can permanently damage the sealing surfaces.

2. Thoroughly clean the air compressor and cylinder block mounting faces, and make sure they are clean, dry, and free of any debris or oil film
3. Install the new 7104939C1 O-ring into the machined groove (Figure #1, Item 1) around the high pressure oil feed dowel.
4. Apply a light sealant bead of Loctite 515 around the entire mounting face of the compressor and a light amount over the O-ring.
5. Install the compressor following the instructions outlined in the [Service Manual](#) to complete the installation.

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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