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First Release

11-04-2019

VOLVO 9700 PTO REPLACEMENT 9700 (B13R)

MODEL YEAR(S) AND VEHICLE SERIAL NUMBERS (VIN) INVOLVED

NOTICE TO SERVICE CENTERS <i>Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.</i>	
Model	VIN
Volvo 9700 us/can Model Year : 2015 - 2020	From 3CET2V224 F5169811 up to 3CET2V925 L5198476 incl.
This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.	

DESCRIPTION

On the vehicles affected by this bulletin, the engine power take off (PTO) must be replaced by a new improved design unit.

MATERIAL NEEDED

Order kit # **WB19-86** which includes the following parts:

Part No.	Description	Qty
23385737	Bearing Housing PTO	1
976068	O-Ring PTO	1
925259	O-Ring Pump	1

NOTE

Material can be obtained through regular channels.

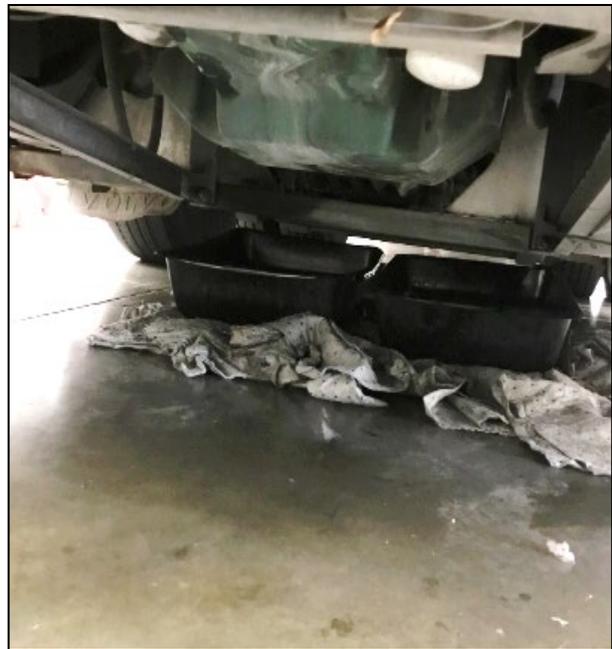
PROCEDURE

 DANGER
Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle. Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

1. Lift the vehicle & remove the underside engine protective plates.



2. Put a large drain pan under the vehicle at the engine/transmission junction.



3. Open the floor hatches inside the vehicle.

NOTE
<i>Optional: It is possible to gain some working space by removing the fresh water tank.</i>



4. Remove the compressor air silencer.



5. Disconnect both hydraulic hoses at the back of the hydraulic pump.

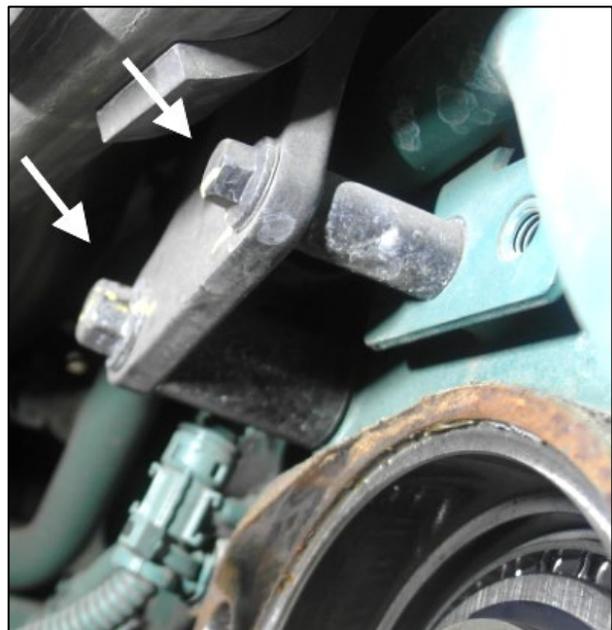


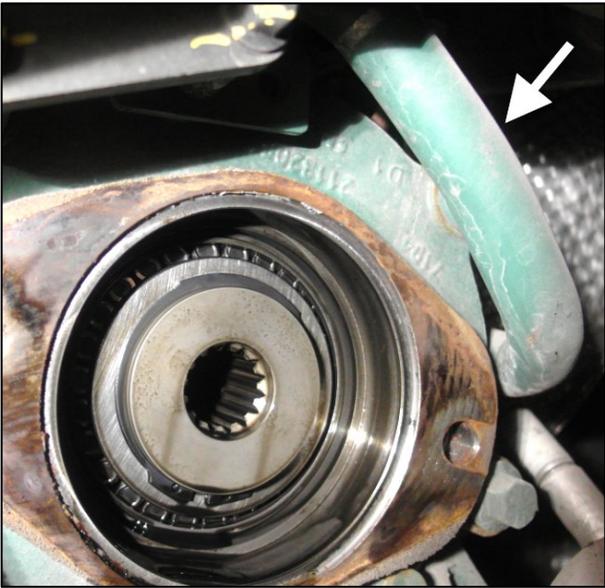
6. Remove the pump from the vehicle (discard pump O-ring).



7. Remove the PTO from the vehicle.

- Remove the pipes bracket (one of the bracket screws is also the PTO cover upper left screw).
- Gently pry up the steel coolant hose on the upper right corner to allow PTO removal.
- Unscrew the remaining PTO cover screws.





8. Clean the PTO mounting surfaces (make sure debris are not falling inside the engine).



9. Install the supplied # **976068** O-ring on the new PTO # **23385737** (slightly lube the O-ring with engine oil).



10. Slide the new PTO in place (pry coolant hose as required). Make sure the O-ring is engaging smoothly.



11. Secure the PTO to the engine (reinstall the pipes bracket)

TORQUE: 52 +/-5 Nm (38 +/- 4 lb-ft)

- *Apply torque seal to the bolt heads.*

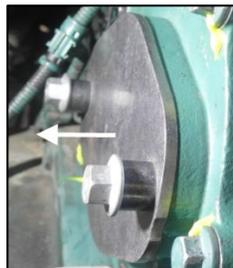


12. Clean the hydraulic pump mounting surface & install the new supplied # **925259** hydraulic pump O-Ring (slightly oil the O-ring).



13. Remove PTO protective cover & reinstall the hydraulic pump.

TORQUE: 52 +/-5 Nm (38 +/- 4 lb-ft)



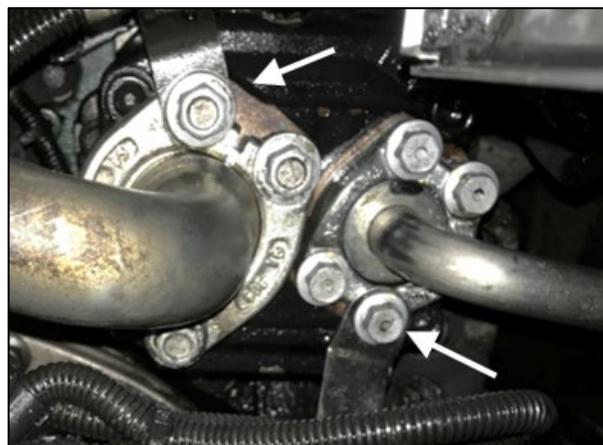
- Apply torque seal to the bolt heads.



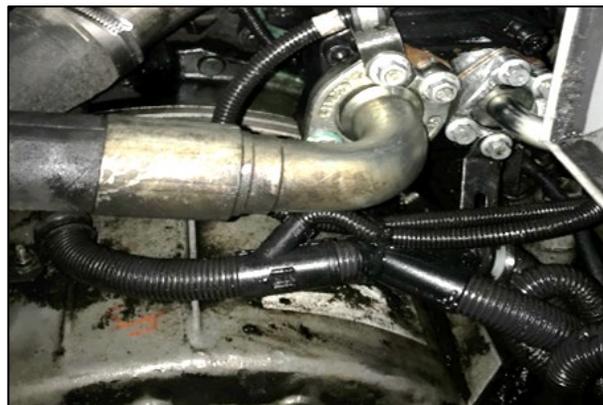
14. Reinstall hydraulic hoses at the back of the pump (also reinstall brackets).

TORQUE: 52 +/-5 Nm (38 +/- 4 lb-ft) in a cross pattern.

- Apply torque seal to the bolt heads.



15. Clean the area (oil spillage).



16. Reinstall air compressor silencer (bracket & clamps).



17. Refill the hydraulic system with ATF Dextron oil.



18. Lower and start the vehicle to check for leaks (correct as necessary). If no leaks are found, reinstall protective plates under the vehicles and close the floor hatches.



PARTS / WASTE DISPOSAL

DO NOT RETURN THE REPLACED PARTS. Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

WARRANTY

This modification is covered by Prevo's normal warranty. We will reimburse you the parts and 5½ hour(s) (5.5) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at www.prevo.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB19-86".

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OTHER

VBC Bulletin	S5746
Fail Code	01.00-2
Defect Code	09
Syst. Cond	B
Causal Part	21913080

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