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First Release

01-17-2019

9700 PTO REPLACEMENT

Volvo Vehicles

DESCRIPTION

On the vehicles affected by this bulletin, a preventive replacement of the engine power take off (PTO) must be performed.

MODEL YEAR(S) AND VEHICLES INVOLVED

NOTICE TO SERVICE CENTERS	
Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.	
Model	VIN
9700 coaches Model Year : 2017 - 2018	Specific vehicles listed below : 3CET2V227H5181762, 3CET2V220H5180498, 3CET2V928H5184398 3CET2V226H5181302, 3CET2V220H5181084, 3CET2V225H5182599 3CET2V929J5187123, 3CET2V922H5185160, 3CET2V223H5182603 3CET2V923J5186159, 3CET2V225H5181761, 3CET2V222H5180647 3CET2V222H5180499, 3CET2V921J5186161, 3CET2V926H5185159 3CET2V924H5185161, 3CET2V225H5181081, 3CET2V221H5181076 3CET2V227H5180501, 3CET2V225H5180500, 3CET2V225H5181078 3CET2V221H5182597, 3CET2V220H5181960, 3CET2V223H5181077 3CET2V227H5181079, 3CET2V224H5182707, 3CET2V22XH5181075 3CET2V223H5181080, 3CET2V229H5181083, 3CET2V229H5181763 3CET2V226H5181087, 3CET2V922J5185164, 3CET2V92XJ5187129 3CET2V226H5182708

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MATERIAL NEEDED

Order kit # **SP18-81** which includes the following parts:

Part No.	Description	Qty
21913080	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. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.

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



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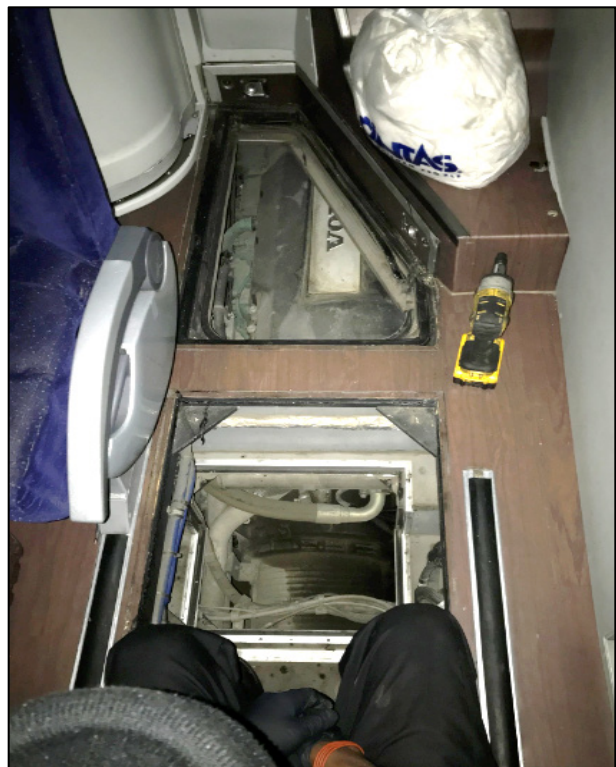
2. Put a large drain pan under the vehicle at the engine/transmission junction.



3. Open the floor hatches inside the vehicle.

NOTE

Optional: It is possible to gain some working space by removing the fresh water tank.



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4. Remove the compressor air silencer.



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



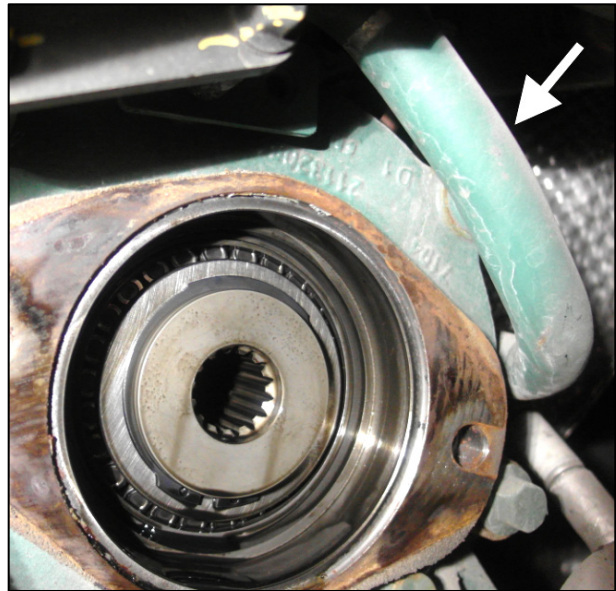
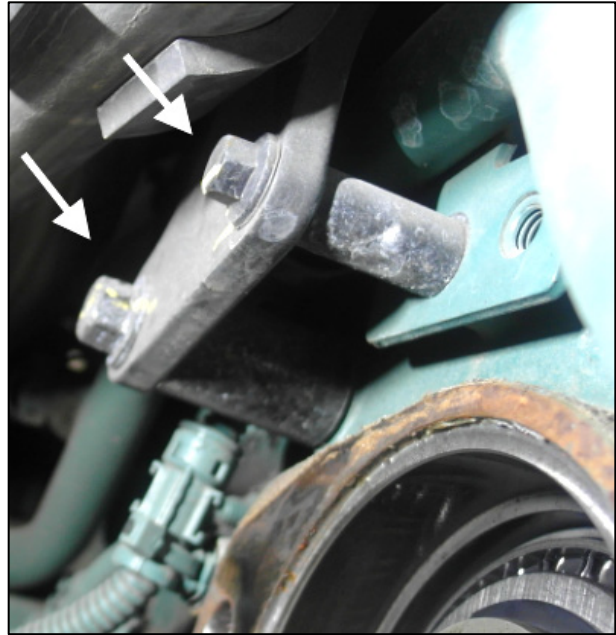
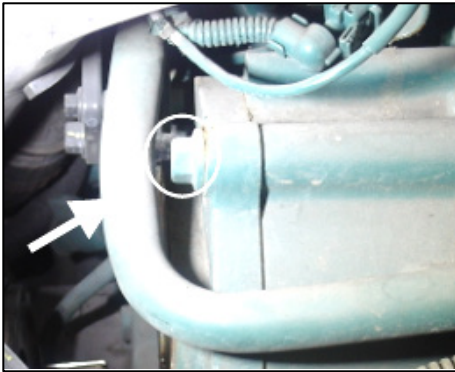
6. Remove the pump from the vehicle (discard pump O-ring).



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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.



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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 # **21913080** (slightly lube the O-ring with engine oil).



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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.*



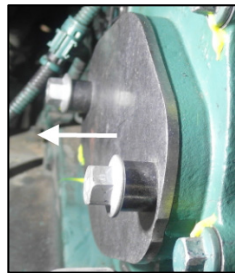
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12. Clean the hydraulic pump mounting surface & install the new supplied # **925259** hydraulic pump O-Ring (slightly oil the O-ring).



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

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



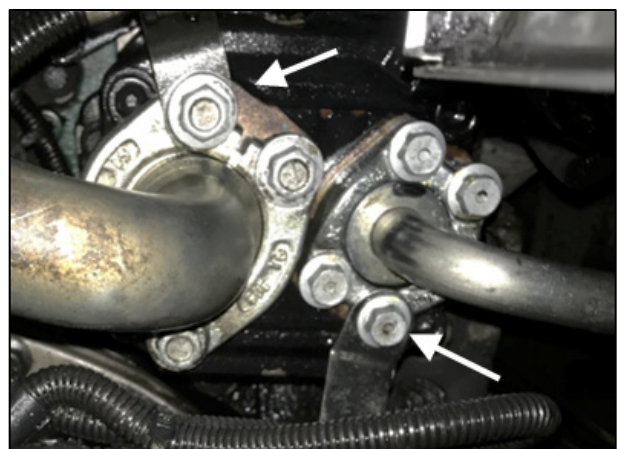
- Apply torque seal to the bolt heads.



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.



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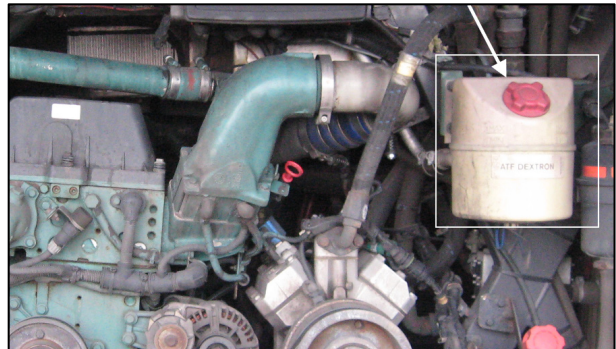
15. Clean the area (oil spillage).



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.



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PARTS / WASTE DISPOSAL

Return replaced parts to Prevost with A.F.A. for full reimbursement.
Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

ESTIMATED TIME

The time required to perform this special bulletin is approximately 6 hours.

OTHER

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

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