

PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

MAINTENANCE INFORMATION Mi10-24




DATE : JULY 2010	SECTION : 05 - Cooling
SUBJECT : RADIATOR FAN RIGHT ANGLE GEARBOX OIL CHANGE	

IMPORTANT NOTICE

This modification is recommended by PrevoSt to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this preventive maintenance.

APPLICATION

Model	VIN	
X3-45 Coaches Model Year : 2008 - 2010	From 2PCG334928C729282 up to now incl.	
H3-41, H3-45 Coaches Model Year : 2008 - 2010	From 2PCH334928C711045 up to now incl.	
XL-II MTH Model Year : 2008 - 2010	From 2PCY334978C729279 up to now incl.	
VIP-45 MTH Model Year : 2007 - 2010	From 2PCV334977C710944 up to now incl.	

DESCRIPTION

Fan right angle gearbox maintenance consists of periodic oil changes. Check all parts for damage and make sure that all plugs are tightened to the proper torque. **Note that warranty may be voided if proper maintenance at oil change intervals is not respected.**

APPROVED OILS FOR LINNIG FAN RIGHT ANGLE GEARBOX

Oil Specification	Series
Agip Rota HY DB Synth 75W90	LLW100
BP Energear MTB 75W90	LLW100
Castrol Syntrans-AT 75W90	LLW100
Deagear Synth 75W90	LLW100

Fuchs Titan Cytrac MB Synth 75W90	LLW100
Mobiltrans MTB 75W90	LLW100
OMV gear oil MPX 75W90	LLW100
Panolin Super Duty Synth MB 75W90	LLW100
Shell Transmission MA 75W90	LLW100
Total Transmission XI 75W90	LLW100

NOTE

Material can be obtained through regular channels.

PROCEDURE

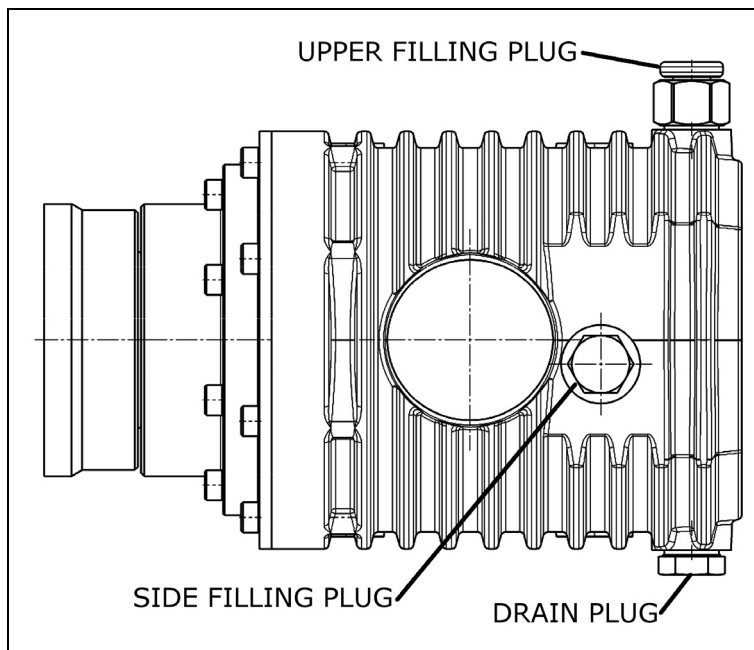


DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

FAN RIGHT ANGLE GEARBOX OIL CHANGE

The radiator fan is belt driven from the engine crankshaft pulley through a drive belt, a drive shaft, a right angle gear and clutch assembly.



RIGHT ANGLE GEARBOX



MAINTENANCE

Change the right angle gearbox oil every 56,000 miles (90,000-km). Replace seals at every oil change. Use one of approved oils for Linnig fan right angle gearbox listed above.

Oil change

1. Stop engine and make sure that all engine safety precautions have been observed.
2. Set the ignition to the OFF position and remove the key from the contact switch to prevent accidental starting of the engine or set the rear start panel selector switch to the OFF position.
3. Remove the drain plug located underneath the right angle gearbox case and allow the oil to drain into a suitable container.
4. Replace the seal and screw the drain plug back in (torque: 26 lbf-ft – 35 Nm).
5. Unscrew and remove the upper filling plug. Add 400 ml of gear lubricant or if you prefer;
6. Unscrew and remove the side filling plug. Unscrew and remove the upper filling plug if not already done.
7. Add gear lubricant by the upper filling plug. The oil level is correct once the top of the oil has reached the bottom of the side filling point.
8. Replace the seals and screw side and upper filling plugs back in (torque: 26 lbf-ft – 35 Nm).



CAUTION

Replace all 3 seals at every oil change (Kit # 680719).

9. Clean gear case carefully.
10. Start the engine and allow running a few minutes. Stop the engine and check for leaks.



WARNING

Note that warranty may be voided if proper maintenance at oil change intervals is not respected.