



MAINTENANCE PLAN

Serial IV and production date from 10/2016
From conversion Nr 61000000



OPERATION	RATE	LABOUR
Oil change: gearbox	1	0.25h
Additional engine protection	1	0.15h
Oil change : rear axle	1	0.25h
Greasing: Longitudinal drive line	1	0.20h

RECOMMENDED : *Respect the safety and cleanness manufacturer's reglementation*

- **Manufacturer's document E2AK0103P0**

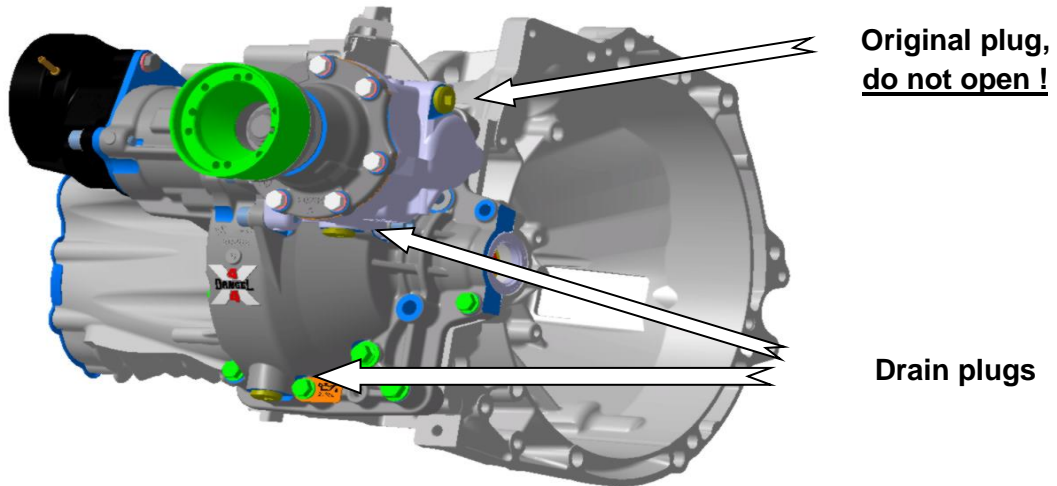


Gearbox

Capacity: 2.35 L +/- 0.05L → the greasing is the same for gearbox and transfer box

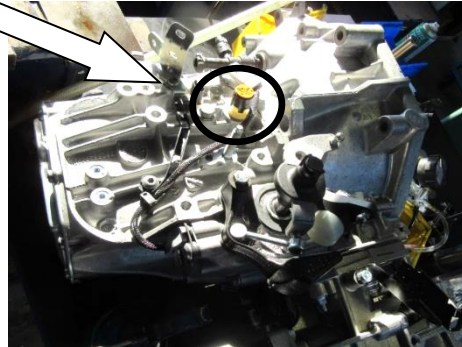
Oil: 75W TOTAL HBVFE – 2

Oil change: every 120.000 km



Note: it is imperative to open both drain plugs to empty completely the remaining oil of the transfer box.

Fill in through the breather of the gearbox with the prescribed quantity. The quantity of oil is indicated on the breather plug.



Longitudinal drive line



Grease the cross pieces* during the 4x4 maintenance or once a year.

* greasers are present according to the drive shaft models.

Greasing : - Rhenus NorlpexLKP2
- Shell Retinax LX2
- FUCHS Renolith Duraplex GWB



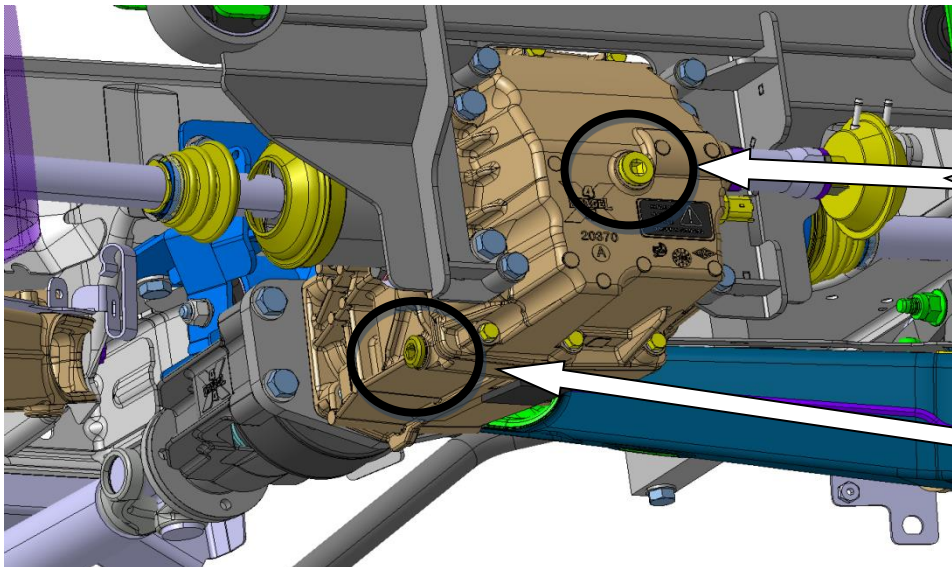
Rear differential

Capacity: 1,65 L +0.05L /- 0.00L

Oil: 80 W 90 API GL5 (YACCO BVX LS 200), or equivalent **80W90** according to the norm API GL5 ZF TE-ML05C.

Complete oil change to be done whichever comes first:

- Or during the engine maintenance,
- Or every 40.000 km
- Or once a year



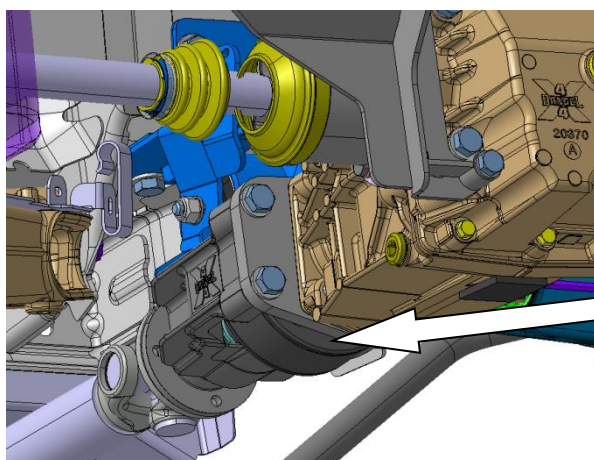
Filling plug

Does not show the oil level, measure the quantity

Drain plug



Hydraulic coupler (or viscous coupling)



Hydraulic coupler is without any maintenance

Visual compulsory checking to be done

▪ **In the cabin:**

When the engine is on, check that the control knob 4x2/4x4 works well.
Check the absence of warning light on the dashboard.

▪ **Tyres:**

Check that the 4 tyres are the same brand, same type and have the same wearing between the front and rear axle.

▪ **Under the body:**

Check that there is no accumulation of ground, grass, etc... especially in the protection plates.

▪ **Under the vehicle, on the front part:**

Check the integrity of each drive shaft boot.
Check that there are no leaks from the oiled parts, from the pipes and brake hoses, etc...

▪ **Under the vehicle, on the central part:**

Check the fastening of the longitudinal drive line supports.
Check that there are no leaks from the tanks.
Check the integrity of the vibration absorber.

▪ **Under the vehicle, on the rear part:**

Check the fastening of the rear differential.
Check that there are no leaks from the oiled parts, from the pipes and brake hoses, etc...
Check the integrity of each drive shaft boot.

Our complete check-list available on our web site www.dangel.com -> After-sales.

WARNING

When the vehicle is on a lift with 4 wheels hanging, the tests with « engine on » must be done only in position 4WD / AUTO 4WD.

In the same conditions NEVER switch from position ECO to 4WD/AUTO 4WD.

Note :

Note :



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