

Assembly Instructions

Included components:

1. Oil pump incl. tube
2. Round belt
3. Drive pulley
4. Upper belt guide
5. Lower belt guide
6. Two M6x20 countersunk Allen screw



Step 1.

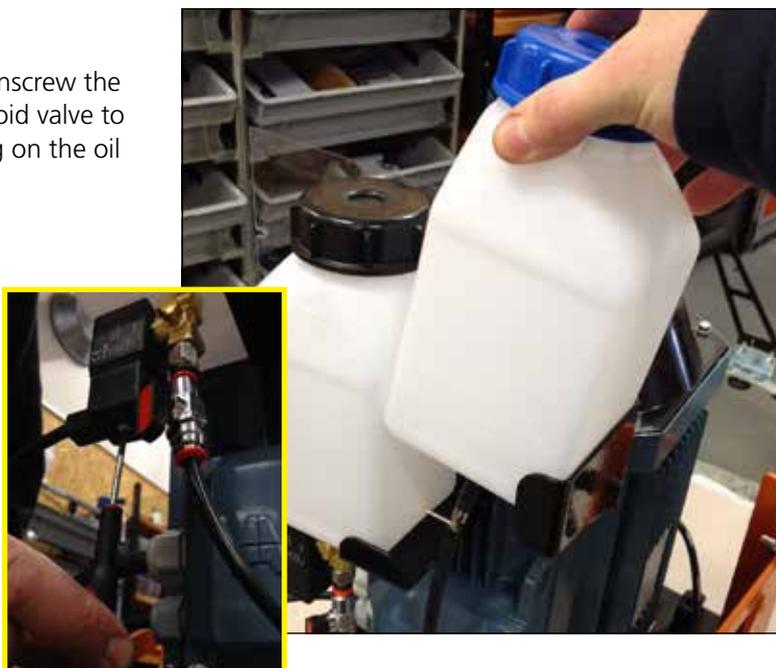
First, remove the chain, the guide bar, the bar nose steering support pipe and the plastic sawdust shield from the saw unit.



Step 2.

Remove the bottles from the saw unit. Unscrew the small Philips screw underneath the solenoid valve to disconnect the solenoid valve power plug on the oil lubrication (see inset).

Empty both bottles of their content.



Step 3.

Turn the saw upside down, to make it rest on the extractor hood of the motor. Unscrew the four locking handles to decouple the motor from the chassis.



Step 4.

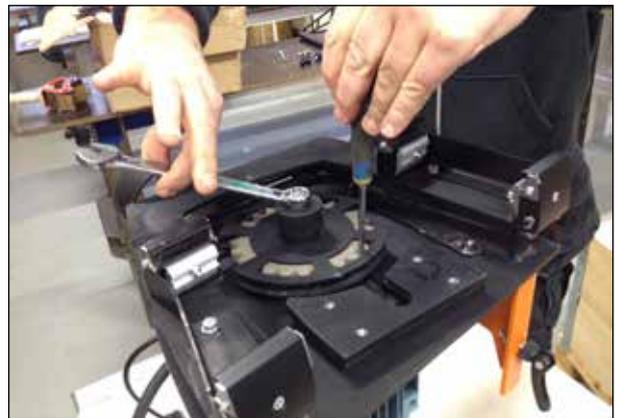
Unscrew the feeder holder (3 bolts).



Step 5.

Remove the bolt, spacer rings, chain pulley and chain plates from the motor shaft.

Tip: Use a screwdriver to "lock" the shaft while removing the bolt.



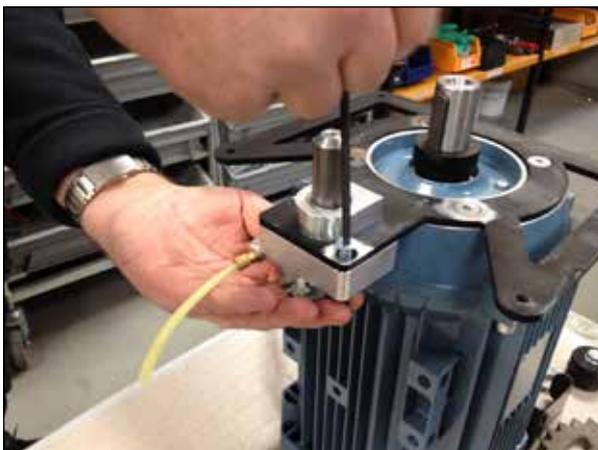
Step 6.

Lift off the saw chassis from the motor unit.



Step 7.

Unscrew the cover that is located where the oil pump is to be fitted. Then fit the oil pump, using the two long countersunk M6 bolts that came with the oil pump.

**Step 8.**

Refit the chassis and tighten the four locking handles to fit the motor and the chassis together again.

**Step 9.**

Reinstall the pulley with the chain guide plates on its top and bottom. Then fit the thicker, upper belt guide, the flat drive pulley, the lower belt guide, and finish with a 10 mm spacer ring and the cover washer. Tighten the bolt firmly by locking the rotation with a screwdriver or the like.

**Step 10.**

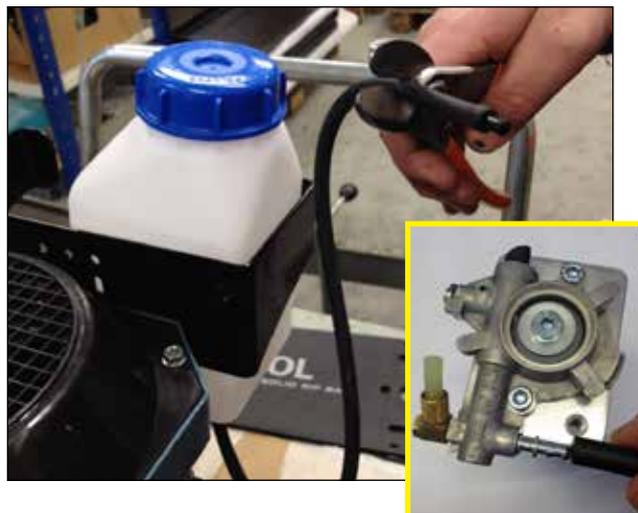
Fit the green round belt. Rotate the motor shaft a couple of turns by hand to make sure that the shaft on the oil pump follows the rotation properly.



Step 11.

Put the bottles back in the bottle holder, but let them switch places so the bottle without solenoid valve becomes the one that is filled with oil and comes first in the sawing direction. Fit the tube to the inlet nipple (see inset). The tube may need to be shortened somewhat to get a good tube routing.

The plastic bottle with the solenoid valve should be rinsed clean from oil and then be used for water cooling instead.

**Step 12**

The tube that is already fitted to the exit hole of the oil pump is inserted in the oil hole in the chassis.

The tube from the bottle with the solenoid valve (the water cooling) is inserted in the hole next to the oil hole.

**Step 13**

Do not forget to switch the bottle caps. The bottle that from now on will contain water should have the blue cap.

Note that the connector of the solenoid valve has been rotated backwards to facilitate fitting it and screwing it in place.

Refit everything but the guide bar and the chain, and then test run the motor to check that the pump works as it should. Note that the saw should be mounted onto the guide rail of the Logosol Sawmill before the motor is started to prevent the saw from being moved or tipped over by the torque that occurs when starting the motor. Also note that it takes a couple of seconds before the oil reaches the oil hole.

**Any problems or questions?**

Do not hesitate to contact Logosol if you have any questions or problems. Email to info@logosol.se or call +46 (0)611 18285.