



## REMOVING AND REINSTALLING THE LUBRICATION PUMP



### WARNING!

The operations described in this technical data sheet and those contained in the relative video tutorials which can be captured via QR CODE must only be performed by qualified technicians and only after having read the safety information contained in the specific sections of the use and maintenance manual.

*When in doubt, do not interpret! Instead directly contact the Colombini Srl technical assistance service at +39 011 8211407 [service@colombini.srl](mailto:service@colombini.srl)*

### Characteristics of the pump and motor system:

Weight: Kg. 5

Power: 0.09 kW

Spare part number: GV.LUBR.01



To remove/reinstall the extractor, the following are required:

- a) Allen wrench - 5 mm
- b) wrench - 8 mm
- c) socket screwdriver - 7 mm and 8 mm

## REMOVING THE LUBRICATION PUMP



### WARNING!

Disconnect the machine electric power supply.

- Locate the lubrication pump motor: it is located beside the lubrication control box.



- Unscrew the four screws holding the electrical connection protection box on the pump and remove them. Use a Phillips screwdriver.
- Remove the cover of the electrical box.



### WARNING!

Save/photograph the position and colour of the three power supply cables for subsequent reassembly.

- Using a 7 mm socket screwdriver, unscrew the three nuts and remove them with their washers, and then withdraw the three power supply cables.
- Unscrew the upper screw and remove it with its washer and then withdraw the yellow-green earth cable.



- Use an 8 mm wrench to unscrew the four screws securing the plexiglass cover of the lubrication control box.
- Disconnect the lubricant feed hose using the quick coupling on the inside of the lubrication control box. This is done using a wrench.
- Unscrew the four pump securing screws on the body of the machine. Use a 8 mm socket wrench.



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**WARNING!**

**Wear protective gloves suitable for handling loads.**

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- Lift the pump motor out of its housing, being careful to completely remove the underlying assembly which consists of the pump and lubricant feed hoses.



- Remove the filter at the other end of the feed hose using a wrench to turn the quick coupling.
- Using an 8 mm wrench, unscrew the four bolts securing the lubrication pump to the base of the motor. Remove the bolts and their washers.
- Separate the motor from the pump.
- Using a 5 mm Allen wrench, unscrew the two Allen screws securing the pump to its support. Remove the screws and their grover washers.
- Separate the pump from its support.

## REINSTALLING THE LUBRICATION PUMP



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**WARNING!**

**If a new pump is installed, it is advisable to grease the end of the shaft.**

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- Insert the pump into its support.
- Using a 5 mm Allen wrench, tighten the two Allen screws and grover washers securing the pump to support.
- Couple the motor to the pump, making certain that the labels of the two components face the same direction.
- Screw in the four bolts with washers and secure the two components together. Use a 8 mm wrench.



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**WARNING!**

**The pump has two quick couplings for connection to the lubricant inlet and outlet hoses. The label clearly marks the inlet connection "IN" and the outlet connection "OUT" and the direction in which the lubricant flows through the component.**

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- Locate the lubricant inlet hose in the pump.
- Fit the filter to the free end of this hose by simply inserting the hose into the existing quick coupling.
- Locate the outlet hose.



- Insert the motor and pump in their seats on the body of the machine.
- Using an 8 mm wrench, tighten the four screws securing the motor to its seat.
- After having passed the hose through the hole in the machine body where the pump is located, connect the outlet hose to the quick coupling in the lubrication unit control box.
- Close the plexiglass cover of the lubrication unit control box, using an 8 mm wrench.
- Connect the earth and electric power supply to the terminals on the motor, in the positions previously saved. This is done using a Phillips wrench for the earth and a 7 mm socket wrench for the electrical phases.
- Close the electrical box and, using the Phillips screwdriver, tighten the screws.

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