



## REMOVING AND REINSTALLING THE LOWER FINE GRINDING MOTOR



### 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 sections 2 and 6 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)*

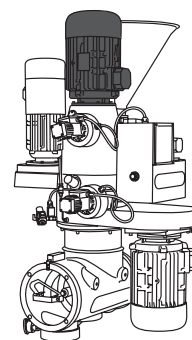
### Motor characteristics:

Weight: Kg. 60

Power: kW 11

Power supply: 400 V. - 50 Hz.

Spare part number: E1.0158



To remove/reinstall the lower fine grinding motor, the following are required:

- a) lifting system with safety hook
- b) lifting tool supplied by the manufacturer (code G0.SOLL.01)
- c) Phillips screwdriver
- d) socket screwdriver - 10 mm
- e) wrench - 10 mm
- f) wrench - 13 mm
- g) wrench - 17 mm
- h) Allen wrench - 5 mm



## REMOVING THE MOTOR

- Remove the machine power supply by turning the main switch to 0.
- Close the pneumatic power supply cock and disconnect the supply hose using the quick coupling.
- Disconnect the electric power coil.



- Using a 13 mm wrench, unscrew the four bolts and remove them with their washers.
- Withdraw the hopper and close the product access compartment with adhesive tape.



### WARNING!

The hopper weighs approximately 20 kg. Be careful when handling it.

- Unscrew the motor fan power connector and remove it.
- Using a 5 mm wrench, unscrew the four Allen screws and remove the cover from the motor electrical box.



### WARNING!

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

- Using a 10 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.
- Unscrew the four screws and withdraw the motor fan.



- At the bench, mount the lifting tool supplied with the machine. (code G0.SOLL.01).
- Do not fully tighten the eyebolt.



- Mount the lifting tool on the motor using the two bolts and washers supplied with the tool. Use the threaded holes found on the sides of the motor.
- Using a 17 mm wrench, tighten the two bolts.
- Fully tighten the eyebolt.



#### **WARNING!**

**Use an appropriate lifting system compliant with the standards and rated for the load.**

Weight of the motor: Kg. 60.

- Save/photograph the correct position of the motor for subsequent reassembly.
- Using a 10 mm wrench, unscrew the eight bolts securing the motor to the machine and remove them with their washers.
- Lift and handle the motor in compliance with the standards.

## **REINSTALLING THE MOTOR**



- Position the motor correctly on the machine using the lifting tool provided (code GO.SOLL.01).



#### **WARNING!**

**Be careful when inserting the motor.**

**The contour on the shaft must line up with the contour on the support unit.**



#### **WARNING!**

**If a new motor is to be installed, we recommend greasing the end of the shaft.**

- Remove the sling used to handle the motor.
- Loosen the eyebolt.
- Unscrew and remove the two bolts with their washers and remove the tool supplied by the manufacturer.
- Tighten the eight bolts with their washers to secure the motor.
- Reinstall the motor fan.
- Hook up the fan power supply connector and secure it with its screw.
- Make the electrical connections on the motor and reinstall the cover on the electrical box.
- Remove the adhesive tape previously set over the product access compartment and install the hopper.
- Reinstall the coil and the pneumatic power supply hose.

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