



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 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
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Motor characteristics:

Weight: Kg. 30

Power: 4 kW

Power supply: 400 V. - 50 Hz.

Spare part number: E1.0146



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

- a) lifting system with safety hook
- b) bolts with lifting ring and belt
- c) Phillips screwdriver
- d) socket screwdriver - 8 mm
- e) wrench - 13 mm, wrench - 10 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 approx. 20 Kg. Be careful when handling it.



- Unscrew the motor fan power connector and remove it.
- Unscrew the four screws and withdraw the motor fan.

4

- Unscrew the four screws and remove the cover of the motor electrical box.



WARNING!

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

- Using a 8 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.

5

- Fit the lifting rings on the motor using two threaded hooks. Use the threaded holes found on the upper sides of the motor.
- Secure the belt for lifting to the rings.
- Tighten the rings and make sure that the belt is correctly restrained.



WARNING!

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

Weight of the motor: Kg. 30.

- Save/photograph the correct position of the motor for subsequent reassembly.

6

- 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

7

- Correctly position the motor on the machine using the equipment used for removal.



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.
- Remove the two rings and securing bolts.
- Tighten the eight bolts with their washers to secure the motor.

8

- 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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