How to: Power Cord Replacement

Encore, Virtuoso, Preciso, Virtuoso+

Time: 25 min
Difficulty: Medium


Parts: US Power Cord (SKU 6300)


*** Unplug the grinder from power supply ***

Remove the case using the Case Removal guide.

If your unit has an on-off switch, an additional wire is required which you can request directly.

OPTIONAL: label wires with tape or stickers before proceeding for ease of reassembly

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These screws may be Phillips or Torx size 10. If you do not have Torx, use 2mm hex.

Lift the safety interlock switch up and off of its posts. Let it hang to the side of the grinder.

Remove the three screws securing the gearbox to the chassis.

Lift the motor/gearbox assembly out of the chassis and unplug the grinder from the board.
For units with on/off switch, press into terminal to release wires. See On-Off Switch Replacement guide for clarification.

Unplug the cables leading to the timer or on/off switch.

Unplug the power cord connector from the circuit board.

Remove the two screws securing the circuit board to the chassis and remove the board itself.
One of the interlock switch wires leads directly to the power cord. Unplug this wire from the interlock switch.

Secure the switch by hand and be sure to pull on the spade clip to avoid damage.

Remove the four feet at the base of the unit to expose screws.

Remove the four base screws to separate the base from the chassis.
To release the power cord strain relief, push and hold a flat head screwdriver against a side retaining clip to disengage it.

Push the strain relief down to lock the retaining clip in a disengaged position.

Repeat on the other two releases until the strain relief removes entirely.
Pull the wiring harness down and away from the chassis.

If the new cord does not have a strain relief installed, re-use the relief from the original cord.

Locate corner of the strain relief where it opens. Using a flat head screwdriver, push in and down to release the clip and open the strain relief.

Position the strain relief on the new cord and squeeze shut (pliers may be needed).
The power cord has a molex connector. The replacement will only have one wire installed to the connector. There are two other wires which must be installed.

To remove the cables from the old connector, insert a narrow tool into the exposed slot and pull gently on the related cable.

Pull the wires of the new power cord through the chassis until the strain relief snaps into place.
Connect the long black wire to the interlock switch.

Return the circuit board by securing the two mounting screws. Plug the power cord connector into the circuit board.

Insert that cable into the new connector until it clicks. For machines with an on-off switch, repeat this process for the other cable.
Connect the remaining wires to the timer or on/off switch.

*for wiring reference, see On-Off Switch replacement guide*

Install the base, 4 screws and 4 feet.

Install the gearbox/motor assembly and plug the motor cable into the board.
Secure the three screws which mount the assembly to the chassis.

Return the safety interlock switch to its posts.

Reinstall the case and knob to return the grinder to operation.

If you encounter any issues or have questions about this guide, contact support@baratza.com