How to: Chassis Replacement
Maestro, Maestro Plus, Encore, Virtuoso, Preciso
Time: 40 min
Difficulty: Medium-Hard
Parts: Main Housing/Chassis

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

Remove the case using our Case Removal guide.
Lift the safety interlock switch off its posts and label it for ease of reassembly.

Remove the 3 screws securing the gearbox/motor assembly to the chassis. *These screws may be Phillips, or Torx size 10*.

Unplug the motor and lift the gearbox/motor assembly from the chassis. *If the motor wires are attached to the circuit board and can only be unplugged from the bottom of the motor, mark which color wire goes to each terminal to prevent the burr from spinning the wrong way after reassembly (it should spin clockwise)*.

Label this switch for ease of reassembly.
Remove the two screws securing the circuit board to the chassis.

Unplug the power cord connector from the circuit board.

Label this connector for ease of reassembly.

Remove the retention nut securing side switch.

*On/Off switches are also secured by a screw which must be removed.

When removing the switch, label the wires with their port numbers before removal for ease of reassembly.

Once the nut and screw (if applicable) are removed, push or pry the side switch out of the chassis.

*for further clarification see our related switch replacement guides*

Pictured here: Virtuoso
Pry the pulse button off the chassis with a flat head screwdriver.

Label this switch for ease of reassembly.

To separate the base from the chassis, first remove the four rubber feet at the bottom of the grinder. These expose four screws which must be removed.

Release the power cord strain relief. Apply downward pressure toward one side the relief, and use a flat head screwdriver to push in the retaining clip on that side. Repeat on all three releases until the strain relief removes.
Pull the wiring harness down and away from the chassis. Discard the old chassis.

Pull the wiring harness up through the hole in the new chassis until the strain relief snaps into position.

Install the pulse button onto the new chassis at its posts. *Note that the pulse micro switch actuator is not centered in the switch body. To align the actuator with the case button, position the microswitch such that the actuator is closer to the side switch mount (right as the actuator faces you)*
*Virtuoso/Preciso ONLY: orient the locating bracket such that the holes receive the posts protruding from the top of the micro switch and that the slots below receive the posts at beneath the switch.

The witch may have been heat staked, but can be secured with a small amount of glue. If gluing, take care to prevent glue from running inside the switch body or contacting the actuator.

Install the circuit board. Plug in the power board connector.
Install the base. Secure the four base screws and replace feet.

Install the side switch.

Some models have on-off switches, others have timers. For assistance replacing your specific switch, see the related replacement guide.

Install the gearbox/motor assembly, taking care to keep the chute gasket in place. Plug the motor cable to the board.

Switch seats under tab

Chute Gasket in place, not pinched
Route the safety interlock wire between the chassis and gearbox housing. Then, secure the three screws which mount the assembly to the chassis.

Set the safety interlock switch onto its posts.

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

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

Remove wire labels before completing reassembly.