



## Foot Pedal

### INSTALLATION INSTRUCTIONS

#### **Preparing Unit for New Wiring Installation:**

1. Replacement of this foot pedal assembly requires basic electrical and mechanical skills. If you are not comfortable performing this update we recommend consulting a qualified electrician for assistance.
2. Before any work is performed on unit, make sure unit is unplugged from power supply.
3. Disassemble unit to gain access to wiring at motor and electrical outlet box. The directional toggle switch and electric motor will need to be removed from unit to gain access to wiring.  
Tech tip: Take pictures of unit before and during disassembly to reference for reassembly.
4. Remove outlet cover plate and outlet from outlet box. Remove all wire connections from electrical outlet and remove wires from electrical box.
5. Remove any existing wire ties from original wiring.
6. Remove center terminal connector from switch with two white wires and retain screw.
7. Locate the green wire from the electric motor and follow this to the junction connector joining the three green wires and cut all wires close to connector, leaving as much usable wire as possible and discard the junction connector.
8. Cut the ring terminal originally attached to directional switch from power supply cord (W in diagram) leaving as much wire as possible.
9. Cut black wire from wall outlet cord close to junction connector, leaving as much wire as possible, this should free wall outlet cord from unit.
10. Cut yellow wire from electric motor close to junction connector, leaving as much wire from motor as possible. This should free existing foot pedal wiring and wiring that originally powered electrical outlet box, discard this portion of wiring.
11. You are now ready to begin installing new harnesses for updated pedal assembly.

#### **Installing New Wiring Harnesses:**

1. Locate cord with male outlet end ("M" in diagram), use this to complete the following connections.  
The White wire with ring terminal connects to the empty center switch terminal.  
The Black wire connects to the yellow wire to the motor assembly.  
The Green wire connects to the green wire of the motor assembly.
2. Locate the cord with the female end ("F" in diagram) and the original power supply cord ("W" in diagram), feed both cords into the small opening of the outlet box attached to the frame of the machine.
3. Using the ring terminals supplied connect the black wires together. Continue this procedure connecting the white wires together and the green wires together. These will then connect to the original electrical outlet. The terminal with the black wires fastens to one of the gold screws. The terminal with the white wires fastens to one of the silver screws on the opposite side of the black terminal connection. The terminal with the green wires attaches to the ground connector at the bottom of the outlet.
4. Secure the two wires coming into the box together inside the box using included wire ties.
5. Install the outlet into the box.
6. Attach outlet cover plate.
7. Begin reassembling the unit using caution to route the three cords out the bottom of the unit. Using the supplied line clamp, secure the wiring to one of the motor mount bolts. Pull the cords to the foot pedal even before tightening the clamp leaving slack inside the machine to prevent damage.
8. Plug the pedal assembly into the two pedal cords from the machine.
9. You have now completed the installation of foot pedal and supplied harnesses.

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# WIRING DIAGRAM

