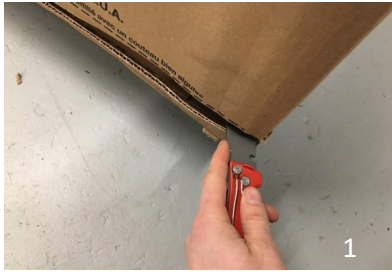


WASHING MACHINE —> GREENS SPINNER CONVERSION SOP

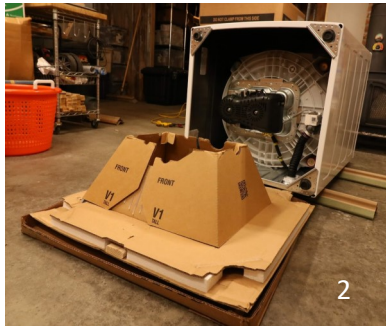
Model Reference: Hotpoint HTW240ASKWS

DISASSEMBLY PROCEDURE

1. Cut the bottom of the corrugated box and remove the top of the box.



2. Lay the appliance down onto the packaging materials to protect the finish and remove the packaging from the bottom of the machine.



3. Open the lid and remove the included materials and packaging.



4. Plug in the machine and start the spin cycle to verify functionality.



5. Unplug the machine



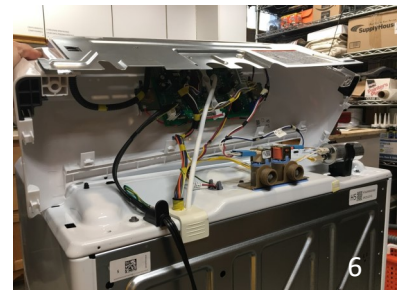
Tools Needed

- Utility knife
- 1/4", 5/16, 3/8" 7/16" Socket or nut driver
- Phillips & Flathead screwdriver
- Wire cutters
- Wire Strippers
- Channel-lock pliers
- Impact driver
- Socket extensions

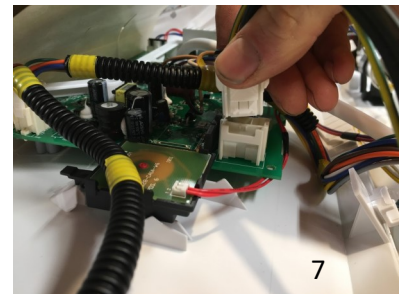
Materials Needed

- Timer switch
- Wire nuts
- Electrical Tape
- Zip ties
- [Waterproof electrical box](#)
- Power cord (7' of 14-3)
- 1/4" Self-tapping screws - to secure the switch to the body (2)
- 2.5" Corner bracket (1)
- Orange Baskets

6. Remove the screws on the back of the control panel (1/4" socket or nut driver) to gain access to the electronics.



7. Unplug all the wire connectors from the control panel.



8. Remove the control panel.



9. Remove the capacitor from its holder, leave the wires attached to the capacitor.



10. Pull the tab to remove the wiring harness from the chassis.



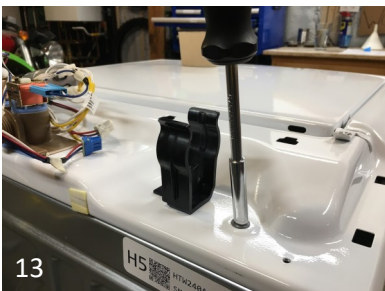
11. Verify power is disconnected. Cut off the power cord close to the machine (as long as possible) This will get used again.



12. Cut the wiring harness off from the top of the machine as close to the top of the machine as possible.



13. Remove the (2) screws securing the top of the machine.



14. Lift off the top portion of the washer. The front edge snaps into place. Pry to pop it loose.



15. Pinch or use pliers to remove the spring clips from the top of the machine.



16. Remove the plastic splash guard around the top of the drum by lifting on the tabs.



17. Remove the top portion of the agitator by pulling it off (straight up).



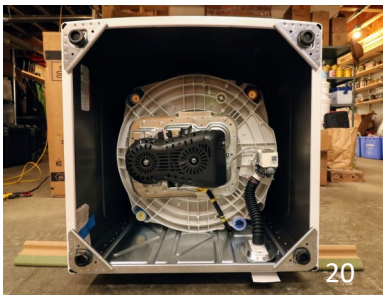
18. Using a long extension with a 7/16" socket remove the bolt securing the agitator to the drum. *Use of an impact driver is recommended for ease of removal.



19. Lift the agitator to remove it from the machine.



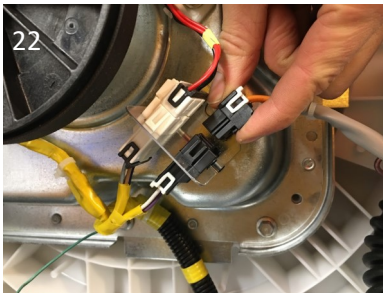
20. Lay the machine back down and locate the drain pump. It is connected to the bottom of the machine and has a hose attached to it.



21. Using a 3/8 socket remove the screws (3) from the plastic cover covering the motor and drive belt.



22. Unplug the wire from the drain pump (pinch the connector)



23. Locate and remove the wiring diagram found on the inside of the machine.

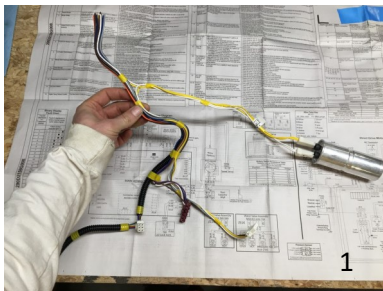


24. Split the cable wrap and remove the wires. Tip: Pulling out one or two wires at a time is easier than all at once.

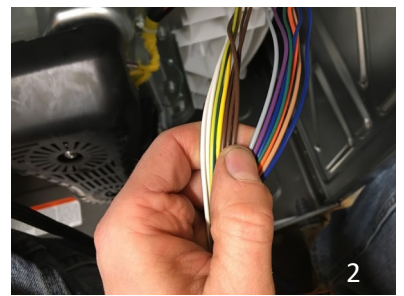


ELECTRICAL PROCEDURE

1. Cut the wires from the capacitor out from the wiring harness. Leave them long, and discard the rest of the harness.



2. Take the wires removed from the cable wrap and separate the white, yellow, green/yellow, and brown from the rest.



White - Drain Pump (not needed)

White - Motor

Brown - Motor

Brown - Recirc pump (not needed)

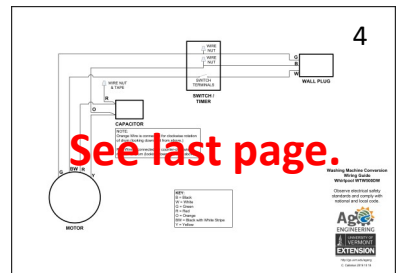
Green/Yellow - Ground

Yellow - Motor

3. Cut off 8 feet of electrical plug wire.



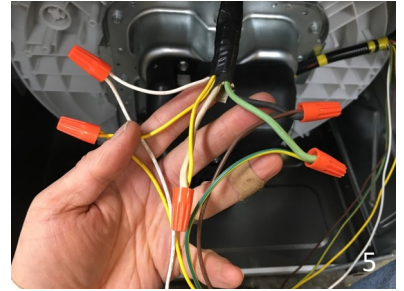
4. Strip one end and wire nut the following together as per the attached wiring diagram.



Wire nut the following:

1. Green/yellow from the motor to the green line of the power cord.
2. Yellow from the motor to one yellow from the capacitor
3. 2nd yellow from the capacitor to the white of the power cord.
4. Brown(s) from the motor to the black of the power cord
5. One white from the capacitor to the two whites from the motor (and drain pump which is disconnected). The second white from the capacitor is not used. This can be folded over and taped off.

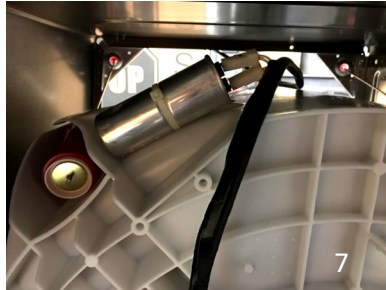
5. The final connection should look like this.



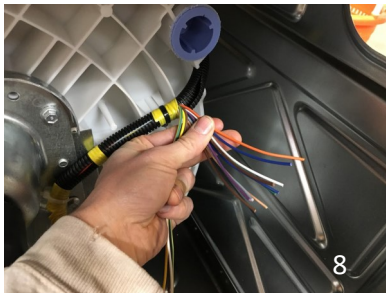
6. Drill a hole through the ribbing of the outer drum large enough for a zip tie. Be careful not to drill into the drum itself and cause a leak!



7. Secure the capacitor to the rib using a zip tie through the whole.



8. Cut off the excess wires from the harness that are not in use.



9. Turn the machine upright and mount the electrical box to the side of the appliance using a 2.5" corner bracket. Install it on an angle for ease of use with 1/4" self-tapping screws.



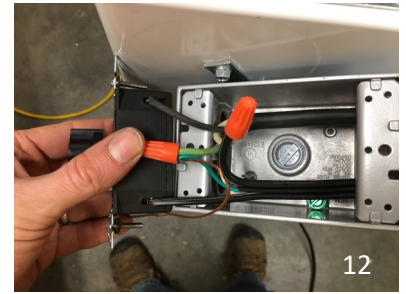
10. Attach the corner bracket to the electrical box through one of the knockout screw holes. (use a hammer to break the bump out) pre-drilling a small hole in the box may be needed and secure using self-tapping screws.



11. Install the cord fittings to the waterproof box and insert the cord from the motor wires, and the appliance power cord into the box, do not pinch the wire down in the connector just yet.



12. Wire the Switch



Wiring the Switch

- a. Strip the ends of both cords once passed into the box.
- b. Use the 6" of wire from the unused wire to use as a jumper.
- c. Connect the jumper and both grounds (green) with a wire nut, then connect the ground from the switch (copper) and the jumper to the screw in the box.
- d. Connect White to White with a wire nut (On the power cord it's the side with lettering)
- e. Each black goes to either side of the switch/timer

13. Carefully install the knob, connect power, and test for spinning!



14. If all works, disconnect power and carefully tuck wires into the box and mount the switch.



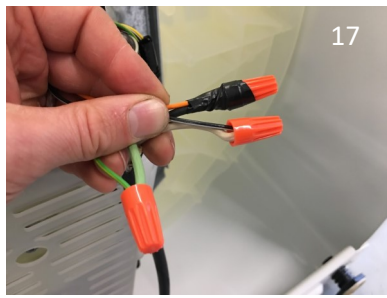
15. Snug both wire connectors around the wire.



16. Install the faceplate.



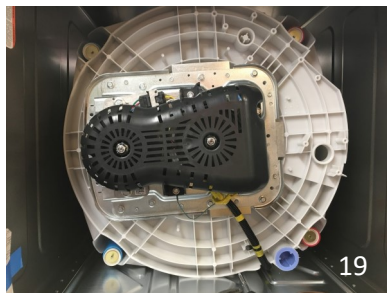
17. Lay the machine back down and begin to wrap the wires from the motor with electrical tape. Start with only one wire nut before wrapping the rest.



18. Next add the second then the third to keep them separated and to create a strong and sealed connection.



19. Reinstall the motor cover



20. Carefully loop this cable to not strain or kink any of the wires and secure with zip ties back to the machine.



21. Use zip ties to secure the wire to the chassis through the corner bracket as a strain relief.



The electrical procedure is complete!



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An online version of this publication is available at
go.uvm.edu/hotpointsop



CULTIVATING HEALTHY COMMUNITIES

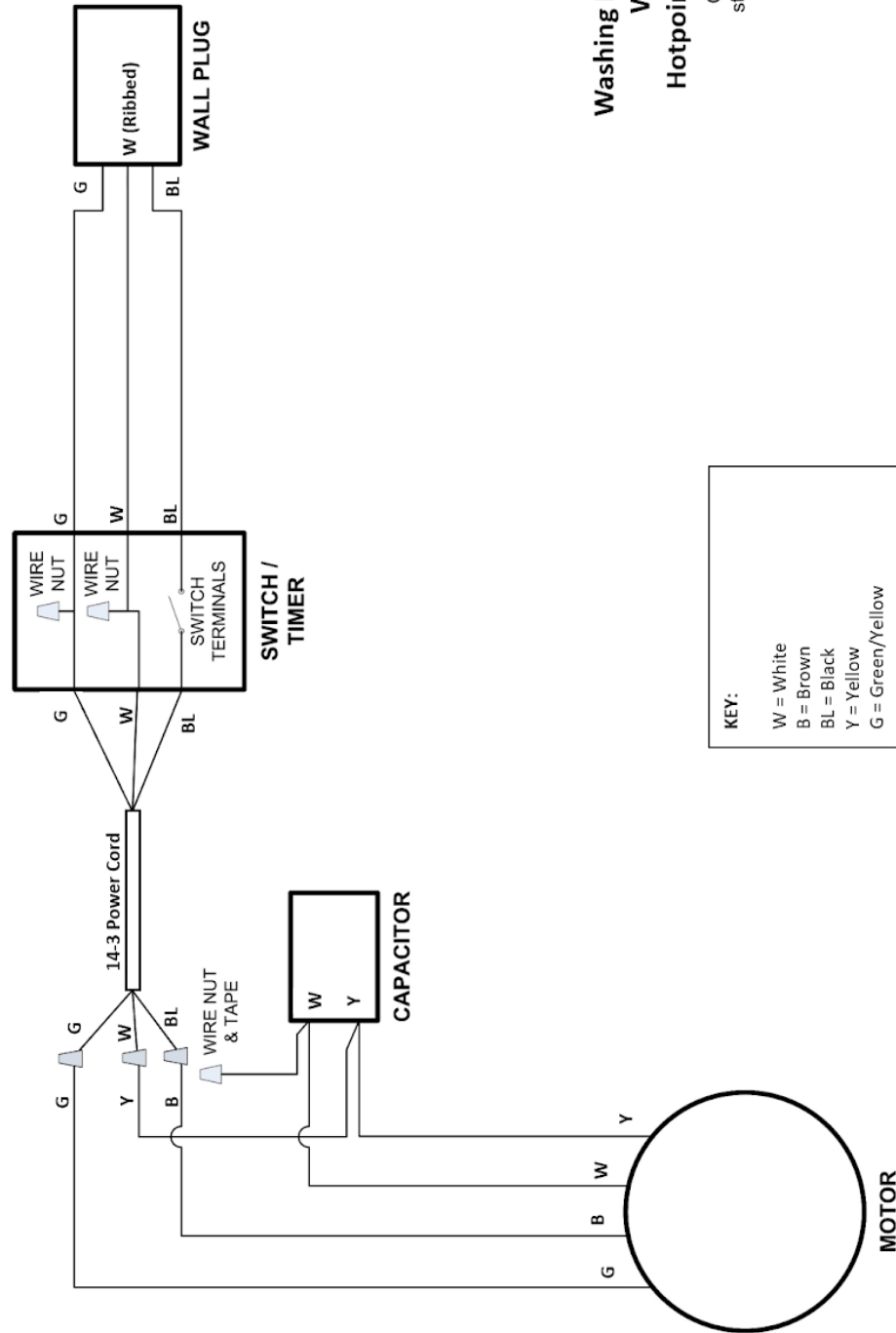
October 2020—v 1

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SIMPLIFIED ELECTRICAL DIAGRAM

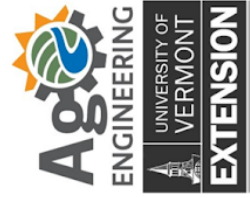
Model Reference: Hotpoint HTW240ASKWS



Washing Machine Conversion Wiring Guide

Hotpoint HTW240ASKWS

Observe electrical safety standards and comply with national and local code.



<http://ago.uvm.edu/ageng>

A. Chamberlin Oct 13, 2020

FACTORY ELECTRICAL DIAGRAM

Model Reference: Hotpoint HTW240ASKWS

