

WASHING MACHINE → GREENS SPINNER CONVERSION SOP

Model Reference: Speed Queen TC5 (TC5000WN)

DISASSEMBLY PROCEDURE

1. Cut around the bottom of the box and lift the cardboard off the appliance.



Test the machine operation by plugging it in and starting a spin cycle. You should not need a water supply or drain connected to do this. Once the spinning operation is confirmed, unplug the machine.



3. Remove the two screws on the bottom of the front panel and pull out from the bottom to remove.



4. Remove the two screws holding the top to the sides.



5. Then tilt the top of the washer up.



Tools Needed

- 5/16", 7/16", 1/2" Sockets
- Flathead & Phillips screwdriver
- Wire cutters
- Wire Strippers
- Needle Nose Pliers
- Impact driver or ratchet
- Drill bit and drill
- Claw hammer (or pry bar)
- Utility knife

Materials Needed

- Timer switch
- Wire nuts
- Electrical Tape
- Zip ties
- Waterproof electrical box
- Waterproof Cord Connector/Grommet (2)
- Power cord (8' of 14-3)
- Orange Basket (1+)

6. Grasp both sides of the agitator and pull up to remove it.



7. Remove the rubber plug in the center of the plastic hub with a flat screwdriver to reveal the 7/16" bolt head underneath.



8. Remove the bolt (impact driver works well).



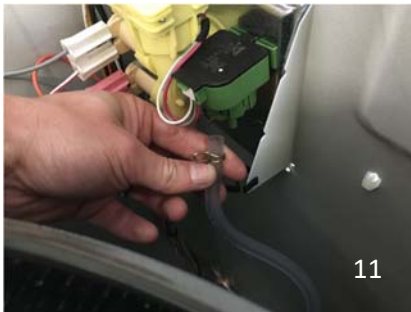
9. Use a claw hammer or pry bar to remove the plastic hub. Use caution to prevent damaging the drum. The drum was removed in this picture, but may not be necessary.



10. Remove the splash guard by prying the tabs gently and lifting the guard up.



11. Remove the clear rubber hose on the inside top panel.



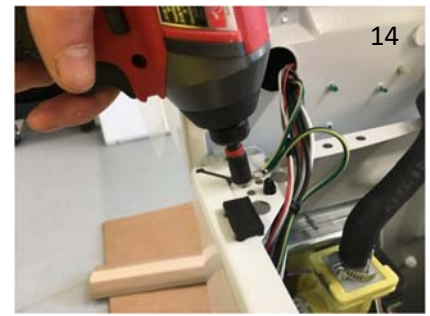
12. Remove the screws holding the cover over the control board (front lower left side).



13. Pinch and remove the wiring harness from the control board.



14. Remove the ground screw (top back).



15. Snip zip ties holding the wiring harness to the enclosure and remove the harness from the machine.



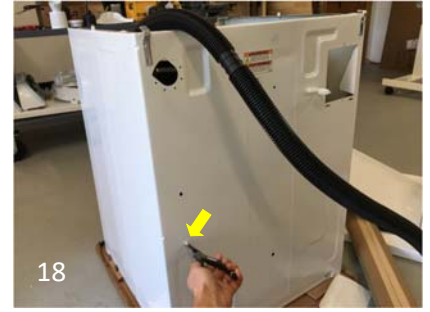
16. Remove the hose connection from the fill spout and remove the top of the machine.



17. Pinch and remove the drain fitting from the back of the washer



18. Remove the drain hose by pinching clips with needle-nose pliers.



19. Remove the screws on the side of the cabinet (5/6" socket).



20. Remove the enclosure side panels.



21. Remove both drain hoses from the pump.



22. Install the long drum drain hose so it runs to a floor or spot drain in your wash/pack area.

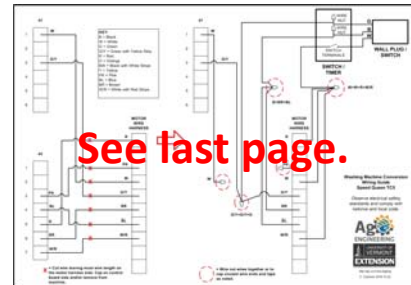


WIRING PROCEDURE

1. Ensure power is disconnected
2. Identify the wires coming from the motor.
3. Cut the wires coming from the motor to the control board.
4. Cut a length of appliance cord to length and strip the ends. A cord length of 8' is sufficient unless you have a different specific need.



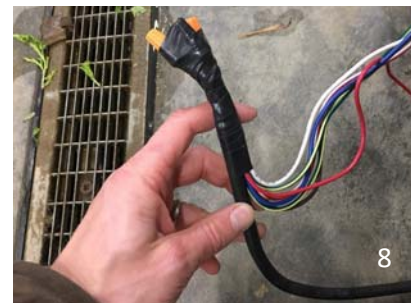
5. Follow the wiring diagram on the last page of this document.



6. The connections should look like this. The pink wire will also need to be capped, it is not used.

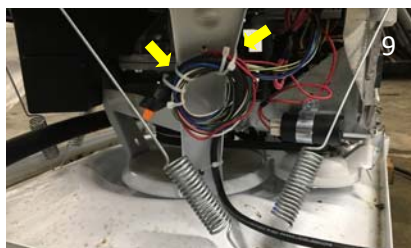


7. (Optional test): Wire nut the appliance cord to the power cord (matching colors) and plug in to test for spinning.



8. Wrap the nuts in electrical tape to create a tight and sealed connection.

9. Bundle the wires together and zip tie them to the frame underneath the spinner.



10. Run the power cord from the motor and the appliance power cord into the switch box (do not tighten the cable connectors / grommets yet).



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

11. Wire the timer/ switch. [See breakout box on previous page]



12. Carefully tuck the wires into the box and install the switch to the box.

13. Snug the cable fittings on the box and install the faceplate to the timer.



14. Plug in the cord and test the spinner!



15. When testing is complete, transport the spinner to the wash/pack area, it's done and ready for use!



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An online version of this publication is available at
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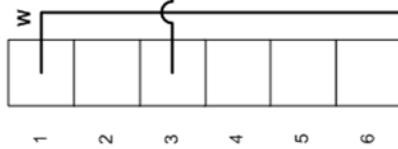
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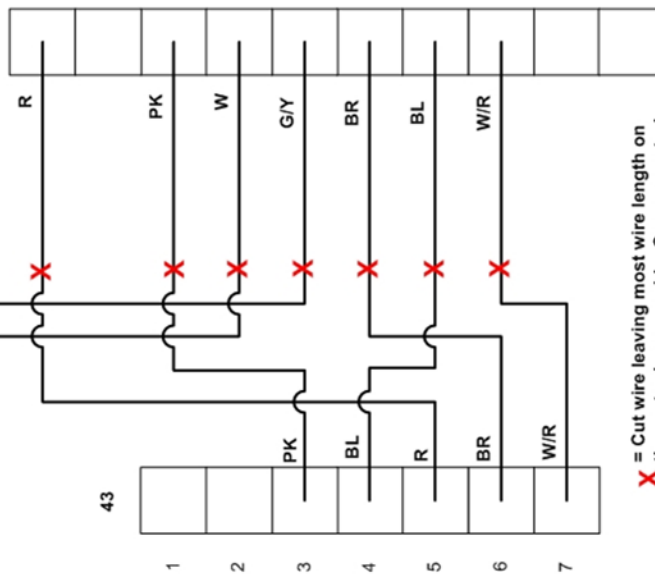
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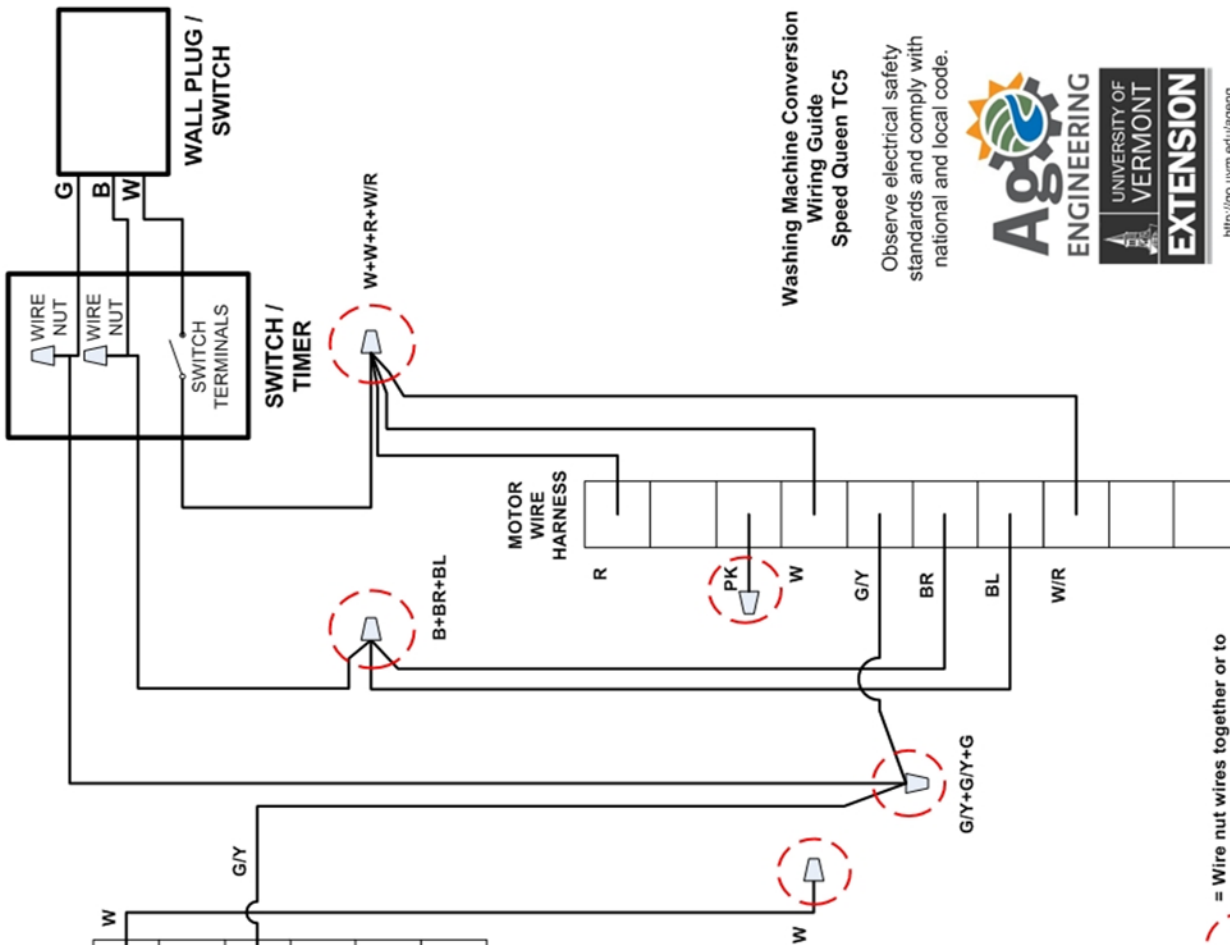
KEY:

B	= Black
W	= White
G	= Green
G/Y	= Green with Yellow Strip
R	= Red
O	= Orange
BW	= Black with White Stripe
Y	= Yellow
PK	= Pink
BL	= Blue
BR	= Brown
W/R	= White with Red Stripe

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MOTOR
WIRE
HARNESS

X = Cut wire leaving most wire length on the motor harness side. Cap on control board side and/or remove from machine.



(Red dashed circle) = Wire nut wires together or to cap unused wire ends and tape as noted.

Washing Machine Conversion Wiring Guide Speed Queen TC5

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



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