

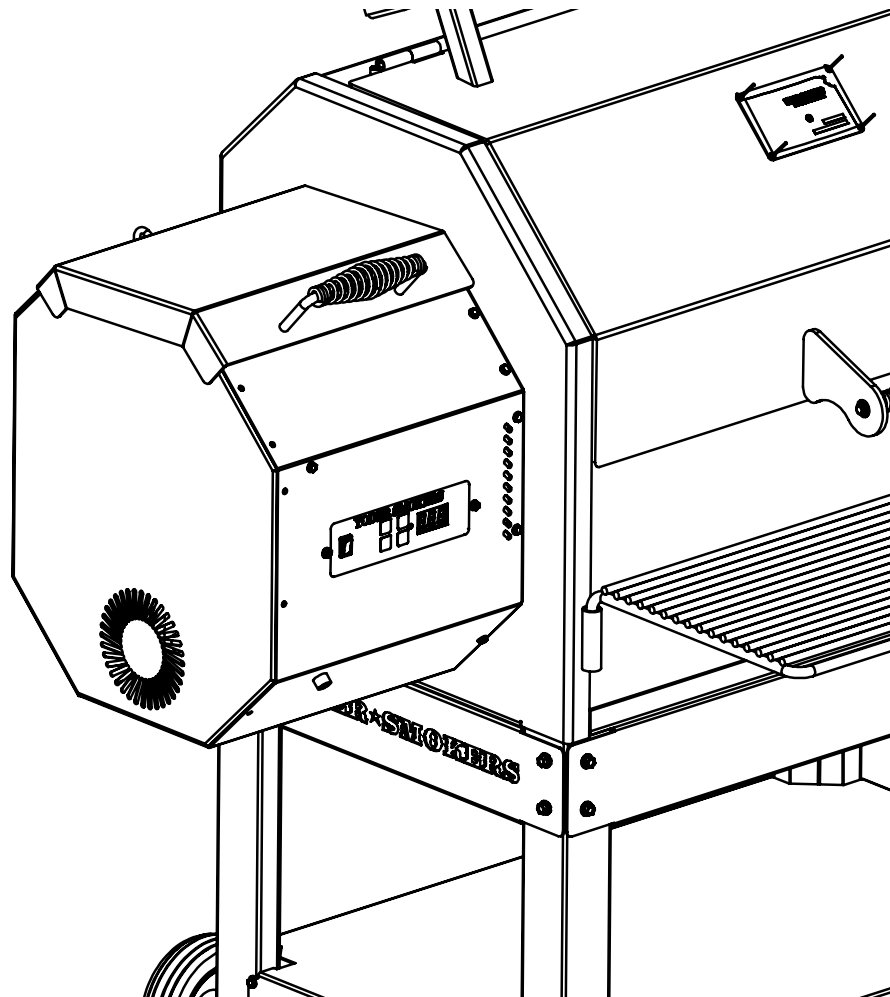
YODER ★ SMOKERS

A90100

Pellet Smoker

PROCEDURE FOR REPLACING HOPPER ASSEMBLY

MODELS YS480 & YS640



VERS I - 1/5/012

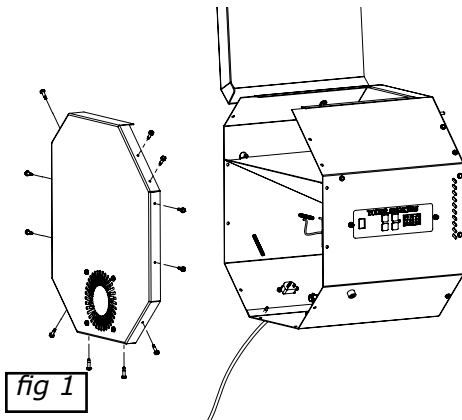
Procedure for Replacing the Hopper Assembly:

! CAUTION: BEFORE BEGINNING THIS PROCEDURE, INSURE THAT THE POWER CORD TO THE SMOKER IS DISCONNECTED! FAILING TO DO SO MAY RESULT IN BODILY INJURY.

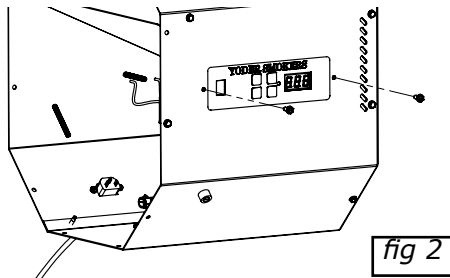
TOOLS REQUIRED

1. 5/16" Socket or Nut Driver
2. Small blade (Jewelers) screwdriver
3. 7/16" Socket or regular blade screwdriver

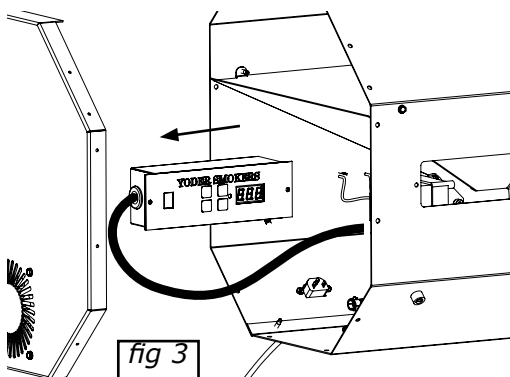
1. On existing hopper, remove eleven screws securing the hopper end panel, then pull off the panel.



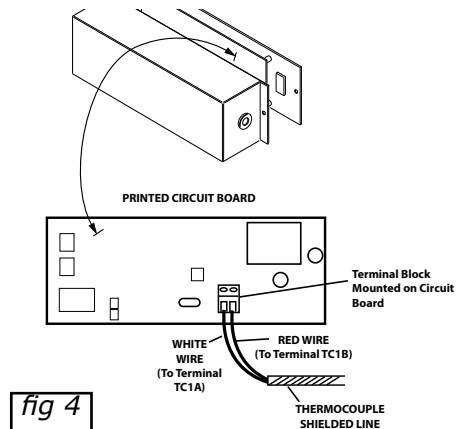
2. Remove two front panel screws that secure the control box to the hopper.



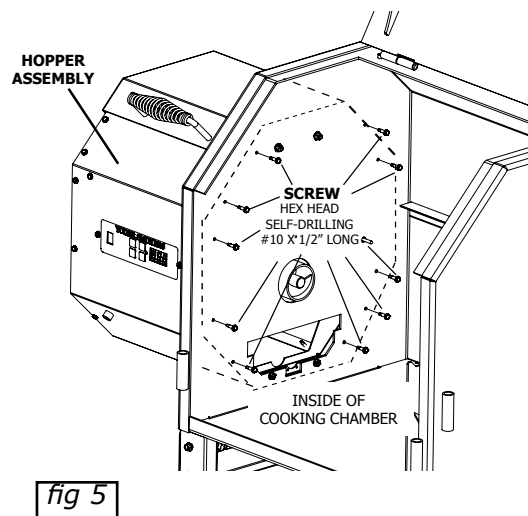
3. Pull out control box and spread it open to gain access to the wiring on the back side of the green circuit board.



4. Disconnect two thermocouple wires on green circuit board (shown below). Pull these wires out of the control box and hopper and let them hang loose inside the cooking chamber for later hook-up with the new hopper assembly.



5. From inside the cooking chamber, remove ten #10 x 1/2 hex head self drilling screws, shown below. Save these screws for mounting the new hopper assembly.



- Remove two 1/4-20 x 1/2" self-tapping screws at the base of the hopper, shown below. Save these screws for mounting the new hopper assembly.

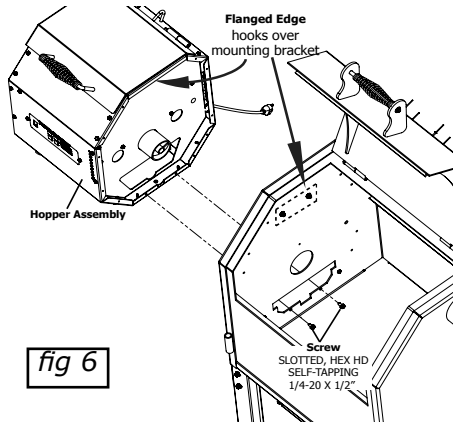


fig 6

Raise the old hopper up off the cooking chamber mounting bracket and set it aside to be returned to the factory.

- Prepare the new hopper for installation: remove the two screws that secure the igniter to the hopper, as shipped. Turn the igniter around and reinstall as shown in fig 7, below. Secure with two screws.

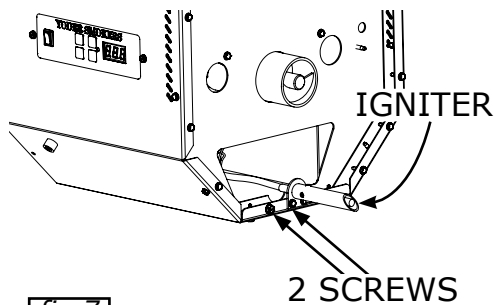


fig 7

- Hang the hopper on the cooking chamber mounting bracket. Secure the hopper to the cooking chamber wall using the screws saved previously (ten #10 x 1/2 hex head self drilling screws, two 1/4-20 x 1/2" self-tapping screws). See Figs 5 and 6.

- Re-route the thermocouple wires from inside the cooking chamber through the chamber and hopper walls.

- Remove the end panel of the new hopper (eleven screws). See fig 1.

- Remove two front panel screws that secure the control box in the new hopper. See fig 2.

- Pull out the control box and spread it open to gain access to the wiring on the back side of the green circuit board.

- Route the thermocouple wires through the grommet of the control box and re-attach to the black terminal block on the green circuit board (White wire to terminal TC1A; Red wire to terminal TC1B). See fig 4.

- Reassemble control box and panel to the front of the hopper using two screws. See fig 2.

- Reassemble hopper end panel using eleven screws. See fig 1.

END OF PROCEDURE