

HOPPER TRAY DOES NOT TURN ON

1. Check to see if the controller box is receiving power from its power source. If powered, the lights should illuminate. If there is no power at the controller, then inspect the power source.
2. Inspect the coil on the hopper tray
 - a) Examine the coil gap between the coil and the pull face. If the coil gap is too small or large, the tray will not feed parts. Refer to “setting coil gap” for more information.
 - b) Determine if there is any vibration coming from the coil. This vibration can be heard and can sound like a “hum”. Remove the coil and hold a ferrous object up to the coil face. You should be able to feel the magnetic force of the coil moving the object.
1. Inspect the electrical wires, connections in the junction box and plug ends for any loose connections.
2. If the coil is not receiving power from the hopper tray controller, try plugging it into the inline feeder controller box to detect if the hopper tray controller is at fault.
3. By default, the hopper tray is always controlled by the bowl level sensor looking at the amount of parts in the bottom of the bowl. If the sensor is dirty, faulty, out of adjustment, or senses that there are enough parts in the bowl, then the hopper tray will not be triggered to turn on.

