

## FEEDER BOWL 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 coils on the Feeder Bowl
  - 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 feeder bowl drive controller, try plugging it into the inline feeder controller box to detect if bowl drive controller is at fault.
3. By default, the feeder bowl is always controlled by the high level part sensor of the inline track. If the sensor is dirty, faulty, out of adjustment, or senses that there are enough parts backed up the length of the track, the feeder bowl will not be triggered to turn on.

