

Rework of Main Power Cable (Document PN 30A186, rev. 8-22-2006)

Purpose

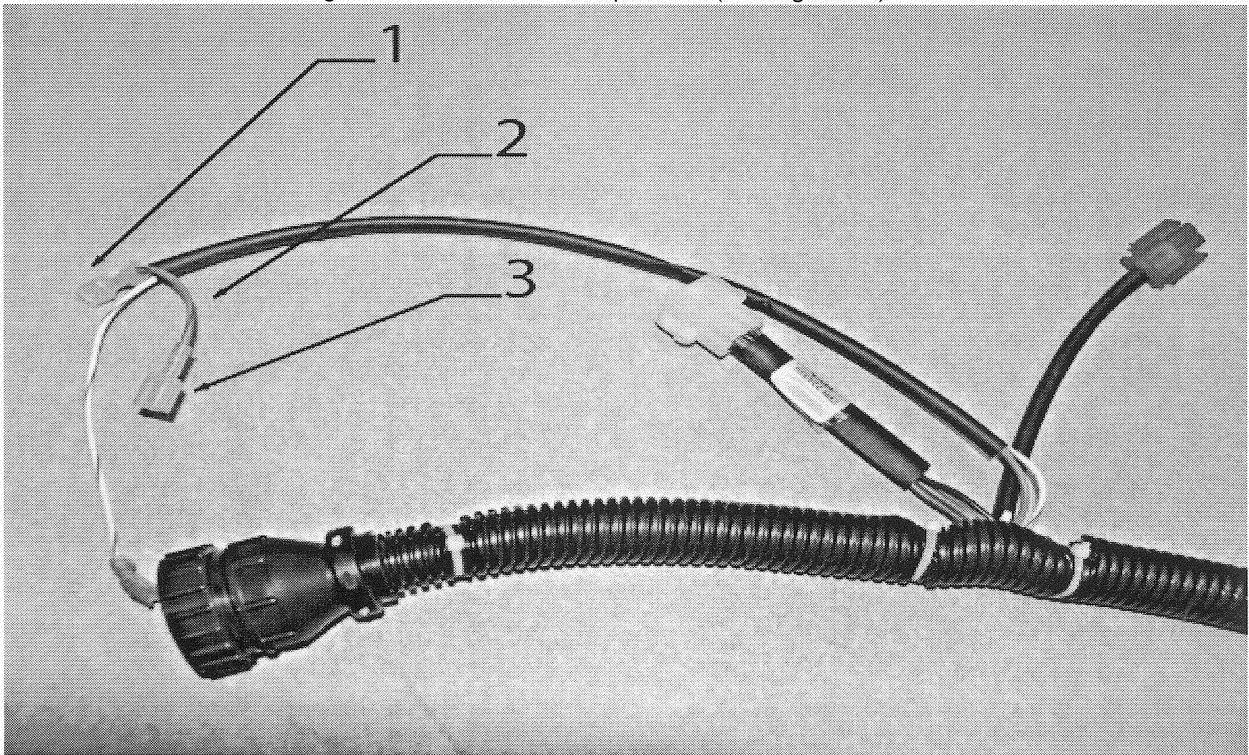
This procedure will rework a fryer's main power cable by shortening the orange-and-blue-striped wire to the heater and isolating that wire from other wires in the cable.

Note: This procedure applies both to gas fryer cables and electric fryer cables.

Isolating the Orange-and-Blue Striped Wire for the Heater (ALL FRYERS)

Parts Needed:

- Main Power Cable (PN 22A320 for gas fryers, PN 22A321 for electric fryers)
 - Male Pin (PN 23305), quantity 1
 - Male 2-Pin Connector Housing (PN 23288), quantity 1
1. Locate the **orange-and-blue-striped wire** in the wire bundle that is about 9 inches from the rear end of the cable (i.e., the end of the cable that attaches to the power box). This wire has a **pink quick-connector** at its end and a **blue quick-connector** about 2 inches from its end. It is in the same rubber insulation tubing as the white-and-red-striped wire (see Figure b1).



1	Blue (female) quick-connector
2	Orange-and-blue-striped wire
3	Pink (male) quick-connector

2. Cut off the segment of the orange-and-blue-striped wire with the pink and blue quick-connectors on it. Discard this segment and the attached quick-connectors.
3. Grip the orange-and-blue-striped wire at the other end of the rubber insulation tubing. Pull the orange-and-blue-striped wire out of the rubber sheath to separate the orange-and-blue-striped wire from the white-and-red wire.
4. Cut the orange-and-blue-striped wire so that about 6 inches of the wire is sticking out from the main cable's corrugated sheath.
5. Strip the end of the orange-and-blue-striped wire and crimp a male pin onto the end.
6. Insert the end of the orange-and-blue-striped wire into position #2 of a male 2-pin connector housing.