Field Service Bulletin

File: FSB10115 rev B
Date: June 2014

- [ ] NGC
- [ ] HHB
- [ ] C3
- [ ] i5
- [ ] i3
- [ ] i1 (Sota/NGO)
- [ ] Encore
- [ ] HhC 3240
- [ ] HhC 2020
- [ ] HhC 2620
- [x] HhC 1618
- [ ] G5
- [ ] TSO
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REFERENCE:
Electrical conversions: three-phase to single phase, single phase to three-phase.

TYPE OF ACTION REQUIRED: *REACTIVE*

DISTRIBUTION:
Field support personnel.

APPLICATION:
HhC 1618 model ovens.

PROBLEM:
The electrical configuration of the oven does not match the location's electrical supply.

SOLUTION:
Remove and replace with the proper cord set, wire harness, and jumper (if required).

PARTS REQUIRED:
Three-Phase to Single Phase Conversion(HCS-3017)
Power Cord (HCS-4367)
Jumper (HCS-4086-5)
Fuseblock/Distribution Block to High Limit Harness, Three-Phase (HCS-4086-3)

Single Phase to Three-Phase Conversion(HCS-3018)
Power Cord, Three-Phase (HCS-4385-1)
Fuseblock/Distribution Block to High Limit Harness (HCS-4086-6)

TOOLS REQUIRED:
- Phillips screwdriver
- 3/16" flat head screwdriver

ACTION REQUIRED - Three Phase to Single Phase Conversion:
⚠ CAUTION: Ensure that the oven is off and has finished cooling down.

1. Unplug the oven and gain access to the left end bell by removing the left end bell's back panel.
2. Remove the power cord.
3. Install the new power cord (HCS-4367).
   - Black to fuseblock position 1
   - White to fuseblock position 7
   - Green to ground
4. Move the blue wires on top of the fuseblock from position 4 to position 8.
5. Move the fuse from fuseblock position 3/4 to position 7/8, refer to the Single Phase Wiring Diagram (Figure 1, Page 2).
6. Install HCS-4086-5 jumper to fuse block position 1, 3, and 5.

- INSTRUCTIONS CONTINUED ON NEXT PAGE -

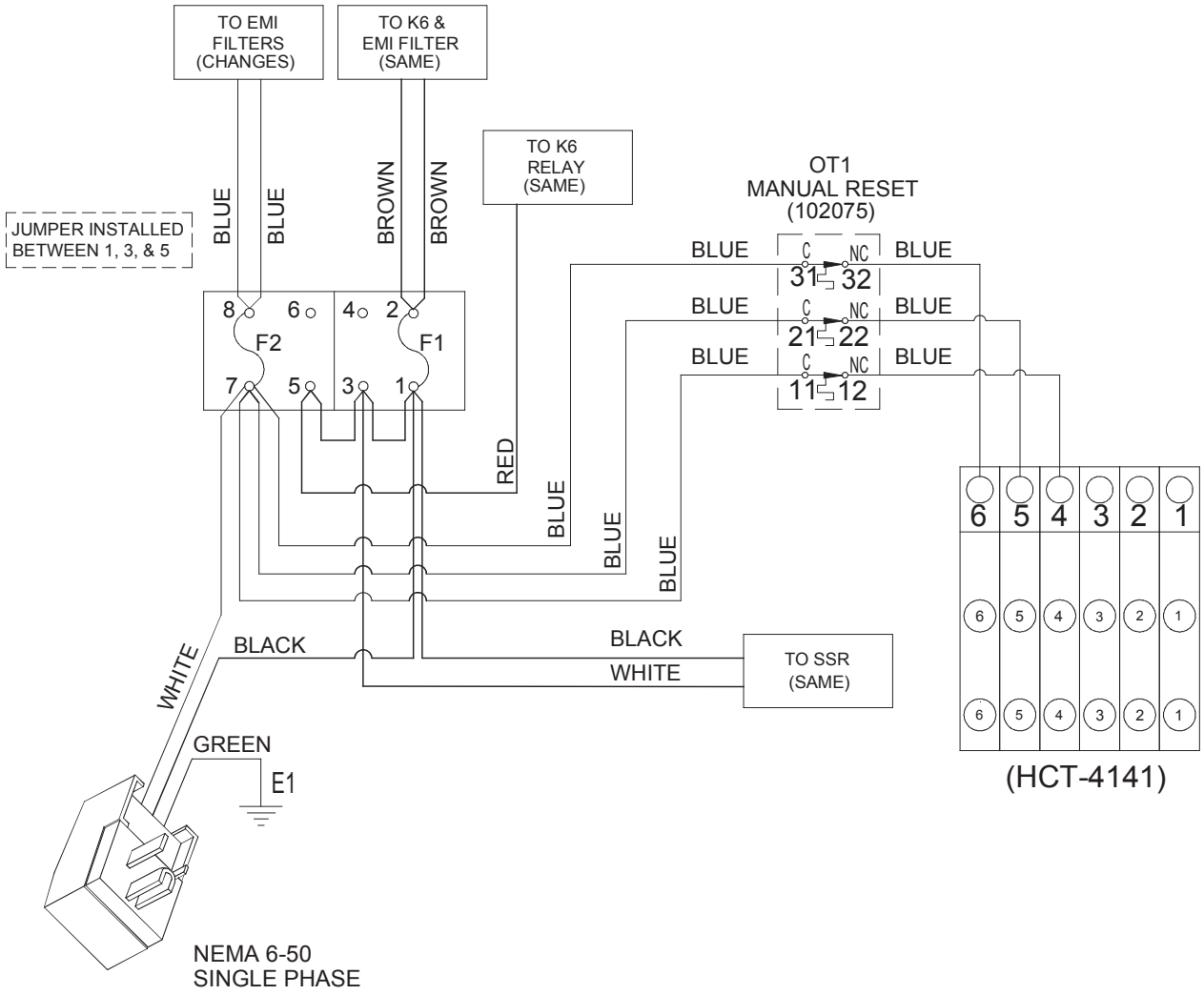

Figure 1: Single Phase Wiring Diagram

7. Remove the black, white, and red wires between the high limit and the fuseblock/distribution block and install HCS-4086-3 per the Single Phase Wiring Diagram (Figure 1).
8. Reconnect power to the oven and verify operation.
9. Replace the back panel and return the oven to service.

ACTION REQUIRED - Single Phase to Three-Phase Conversion:

⚠ CAUTION: Ensure that the oven is off and has finished cooling down.

1. Unplug the oven and gain access to the left end bell by removing the left end bell's back panel.
2. Remove the power cord.
3. Install the new power cord (HCS-4385-1).
   - Black to fuseblock position 1
   - White to fuseblock position 3
   - Red to fuseblock position 5
   - Green to ground
4. Remove the jumper between fuse block positions 1, 3, and 5 and discard.

- INSTRUCTIONS CONTINUED ON NEXT PAGE -

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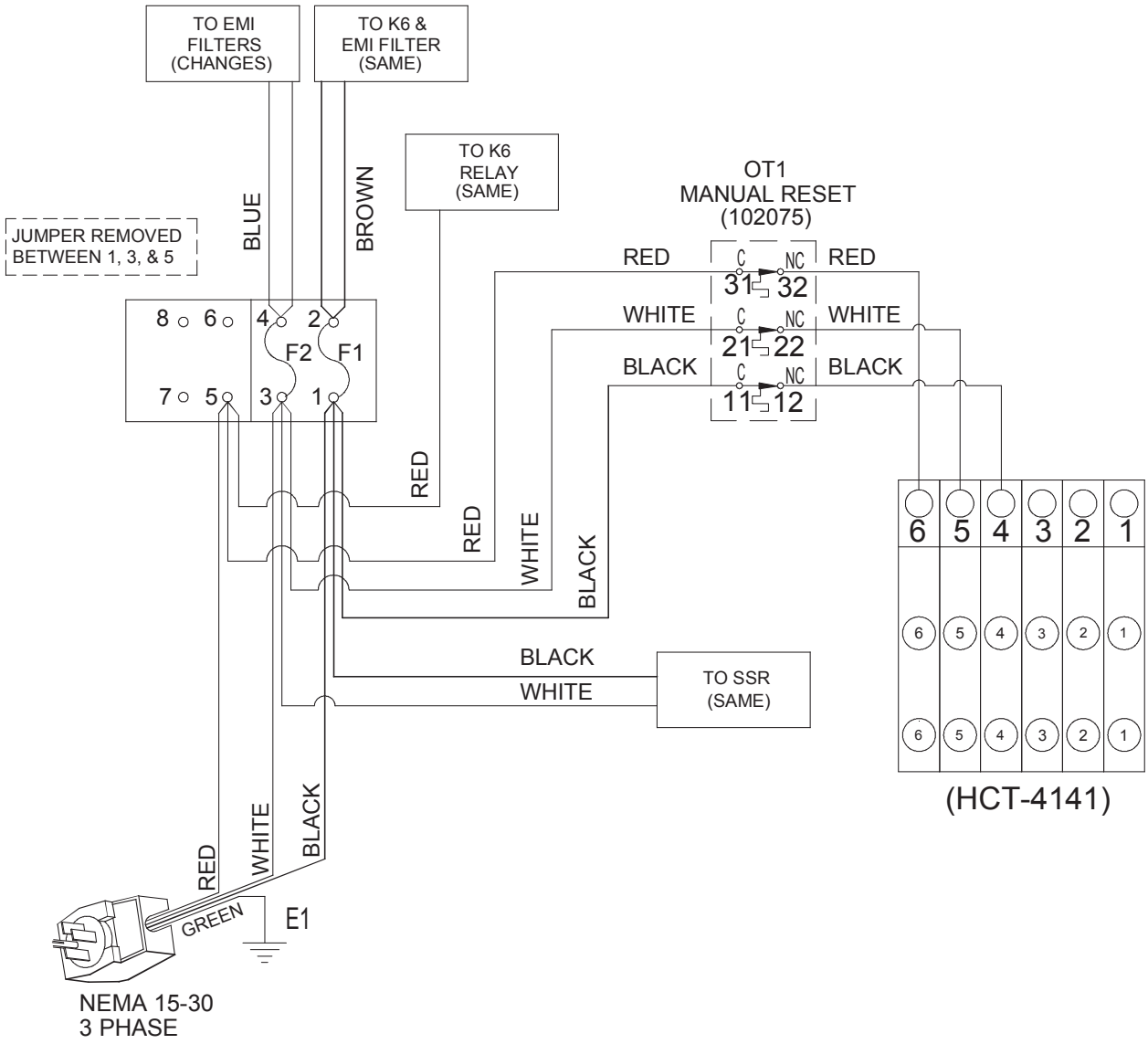

Figure 2: Three-Phase Wiring Diagram

5. Move the blue wires on top of the fusebolck from position 8 to position 4.
6. Move the fuse from fuseblock position 7/8 to position 3/4, refer to the Three-Phase Wiring Diagram (Figure 2).
7. Remove the blue wires between the high limit and the fuseblock/distribution block and install HCS-4086-6 per the Three-Phase Wiring Diagram (Figure 2)
8. Reconnect power to the oven and verify operation.
9. Replace the back panel and return the oven to service.

- END OF PROCEDURE -

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