

# COOKSTOP™

## Stovetop Fire Prevention

### CookStop Installation Guide

June, 2011

#### Smart Socket Power Unit overview

**3 wire** configuration, no ground wire from home wiring; range plugs directly into Smart Socket; range cord plugs directly into existing home wall outlet

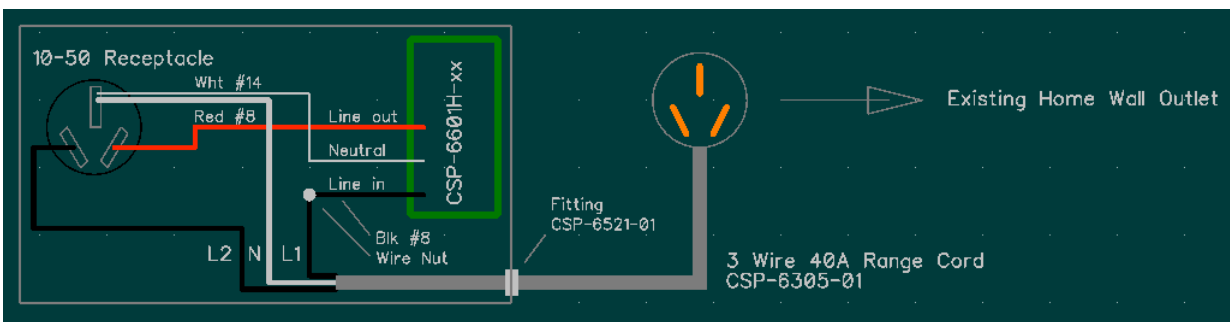


Figure 1

**4 wire** configuration, existing ground wire from home wiring; range plugs directly into Smart Socket; range cord plugs directly into existing home wall outlet

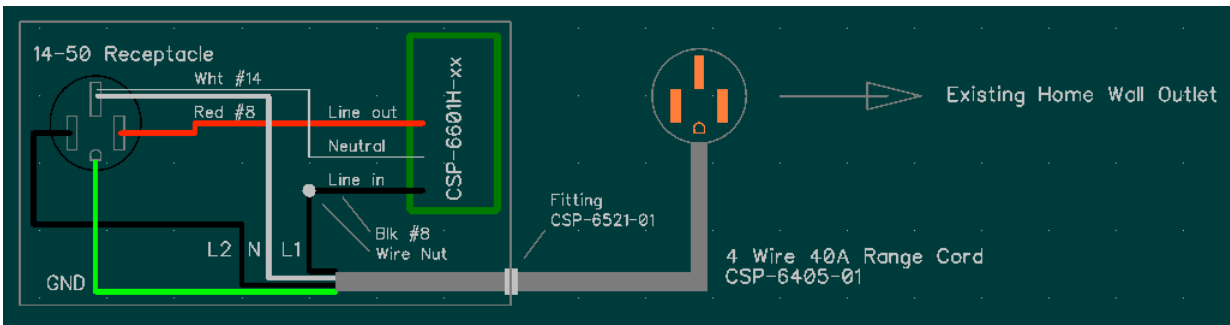


Figure 2

## Model PBS-3W40-01 (3-wire Smart Socket)

This unit is designed to replace an existing 3-wire socket. This unit should be installed by a qualified Electrician.

The requirements are that the JBox is of a size that measures at least 4"W x 4"H x 2 1/8"D.

### Installation steps

1. Turn off power at panel
2. Verify Stove is off
3. slide stove out
- 4 unplug stove
5. reverify no power exists at socket
6. Remove Cover plate and socket from JBox
7. Wire nut the L1 to the Black lead of the Power card
8. Insert the L2 lead into the L2 position on the Socket and tighten screw
9. Insert the 2 Neutral Leads into the Socket, (1 from Power card and 1 from house wiring) tighten screw
10. Verify the Red lead from the Power Card is secure in the L1 position on the socket.
11. Utilizing the 2 corner screws of the JBox Fasten the Faceplate assembly onto the JBox.

3 wire configuration, no ground wire from home wiring; range plugs directly into Smart Socket assembly wired directly into existing home wall wiring

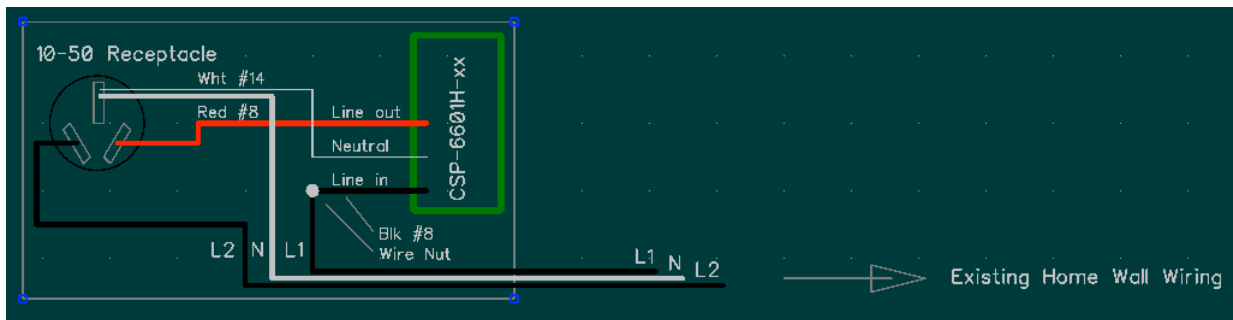


Figure 3

## Model PBS-4W40-01 (4-wire Smart Socket)

This unit is designed to replace an existing 4-wire socket. This unit should be installed by a qualified Electrician.

The requirements are that the JBox is of a size that measures at least 4"W x 4"H x 2 1/8"D.

### Installation steps

1. Turn off power at panel
2. Verify Stove is off
3. slide stove out
- 4 unplug stove
5. reverify no power exists at socket
6. Remove Cover plate and socket from JBox
7. Wire nut the L1 to the Black lead of the Power card
8. Insert the L2 lead into the L2 position on the Socket and tighten screw
9. Insert the 2 Neutral Leads into the Socket, (1 from Power card and 1 from house wiring) tighten screw
10. Insert the ground wire into the Ground position on the Socket and tighten the screw
11. Verify the Red lead from the Power Card is secure in the L1 position on the socket.
12. Utilizing the 2 corner screws of the JBox Fasten the Faceplate assembly onto the JBox.

4 wire configuration, existing ground wire from home wiring; range plugs directly into Smart Socket assembly wired directly into existing home wall wiring

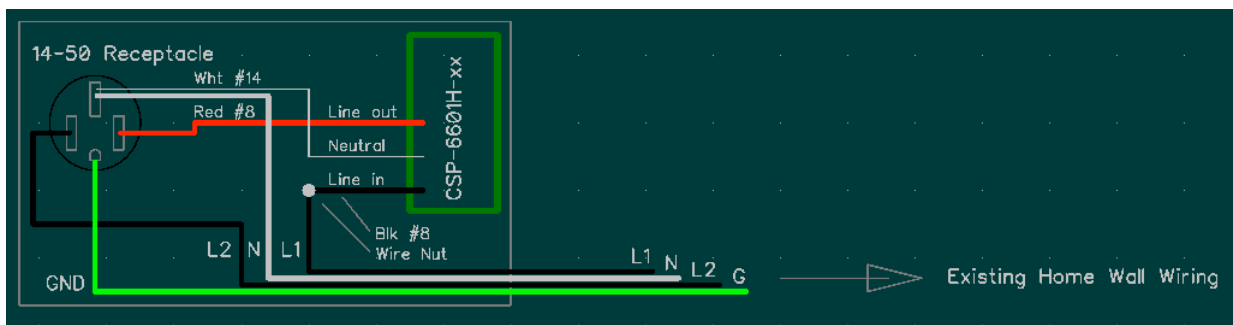


Figure 4

## Model PB-DW40-01 (Direct Wire)

This unit is designed to replace an existing direct-wire installation where no plug or socket exist; such as a drop-in cooktop mounted in an island or peninsula. This unit should be installed by a qualified Electrician.

The requirements are that the JBox is of a size that measures at least 4"wx4"hx 2 1/8"d.

### Installation steps

1. Turn off power at panel
2. Verify Stove is off
3. Raise range/cooktop, or slide stove out , (depending on Model and location of JBox)
- 4 Remove cover of JBox
5. Remove Wire nut from existing house to Stove L1
- 6 Connect house L1 to Power Card L1 Black wire nut this connection
7. Connect Power Card L1 (red) to Stove L1 wire nut this connection
8. Remove wire nut from existing house neutral to Stove Neutral, Add the Power Card Neutral to the connection and wire nut all three connections securely.
11. Utilizing the 2 corner screws of the JBox Fasten the Faceplate assembly onto the JBox.

Direct wire configuration, existing ground wire from home wiring; range plugs directly into Smart Socket

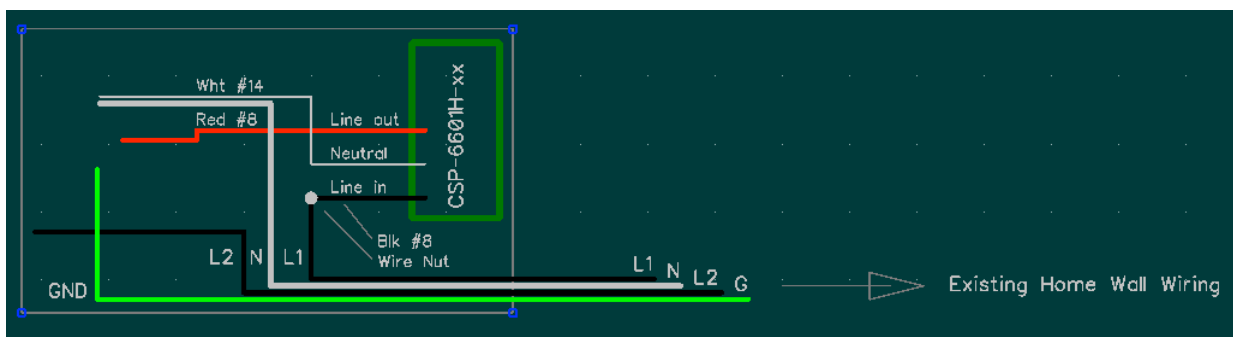


Figure 5