



INTERLOCK KIT K-6510

COMPATIBLE WITH:



LAB TESTED TO UL 67 STANDARDS BY:

America's premier
testing laboratory
for safety
approvals and
regulatory
certification of
electrical products

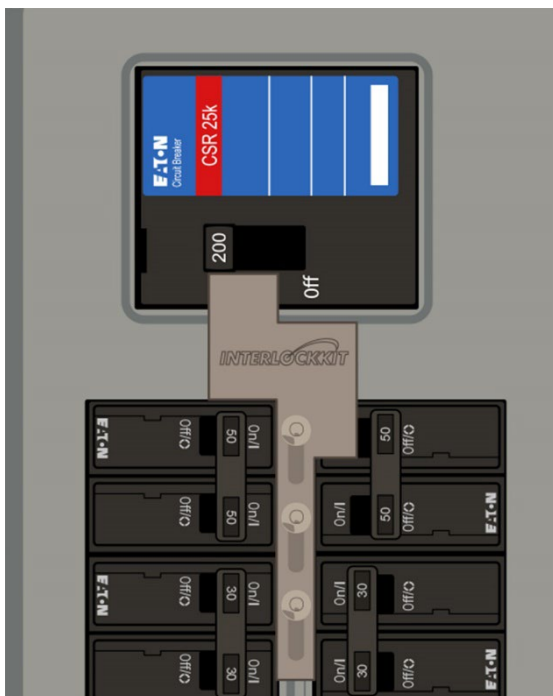


Photo shows the Main breaker ON
& the Generator breaker OFF

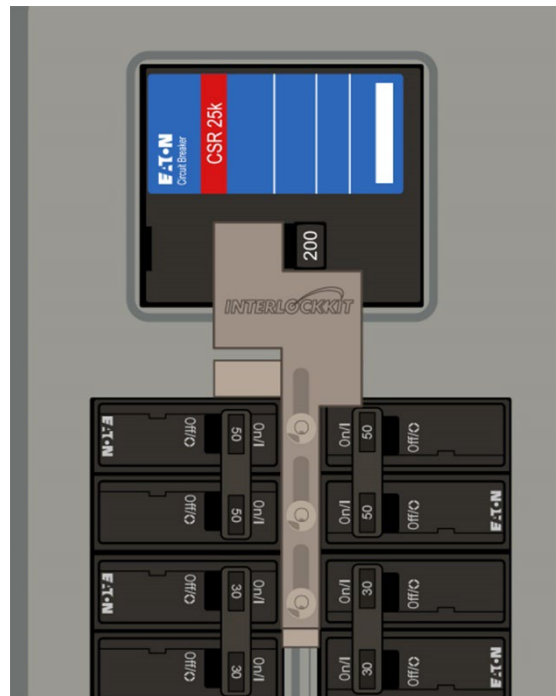


Photo shows the Main breaker OFF
& the Generator breaker ON

****IMPORTANT INFORMATION****

This manual provides instructions for safe installation of the *InterLock* Kit onto a EATON/Cutler Hammer – BR or CH Type panel. The back plate sits securely on the face of the panel cover while allowing the front plate to slide between the main and generator breaker positions. The *InterLock* Kit will only allow one of these breakers to be in the “ON” position meeting the requirements of Article 702 of the National Electric Code ANSI/NFPA 70. The installation of the breaker retaining strap meets Article 408.36 (NEC 2008).

Disclaimer

- This kit must be installed and serviced only by qualified electrical personnel
- Turn off all power supplying the equipment where this kit will be installed before working on or inside the equipment
- Always use a properly rated voltage sensing device to confirm that all power is off
- Replace all devices, doors, and covers after installing this kit before turning on power to the equipment
- Always wear safety eyewear while drilling or working around electrical equipment

****CONTENT & TOOLS ****

CONTENTS PROVIDED	NOT PROVIDED
<ul style="list-style-type: none">- Front plate (FP-6510)- Back Plate (BP-6510)- Binder Post (B-1002)- Binder Screw (B-1003)- Drill Bit – 11/64” (D-1004)- Loctite Pipette (T-1005)- Main indicator label (L-1006)- Danger label (L-1007)- GEN indicator label (L-1008)- Operation Label – (L-1009)- Breaker Retainer (R-1001)- Self-tapping screws (S-2001)	<ul style="list-style-type: none">- Drill- Flathead screwdriver- Metal File- Voltage Sensor- Breakers of any kind

CONTACT SUPPORT

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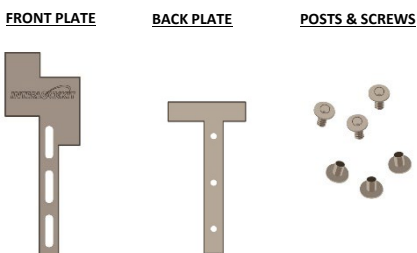
START

STEP 1

**DISCONNECT
POWER TO
THE PANEL**

STEP 2 (Figure 1, 2, & 3)

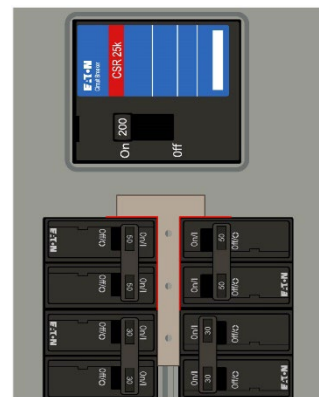
Separate the front & back plate by unscrewing the post & screw. Remove double-sided sticky tape from the back plate



STEP 3 (Figure 4)

Align the slim leg of the kit with the center metal of the panel just above spaces 1 & 3. Apply the kit using the sticky tape to hold the kit's position.

FIGURE 4 – shows the alignment of the back plate



STEP 4

**REMOVE
THE PANEL
COVER**

STEP 5 (Figure 5)

Temporarily - remove the breakers in spaces 5,6,7,8 for the breaker retainer installation. Insert the breaker retainer with the tab positioned towards the main breaker. Seat it in the middle of the branch circuit columns over breakers in spaces 3 & 4. Once seated, look to the edges of the retainer to mark the install points with a sharpie.

FIGURE 5 – shows SPACES 5, 6, 7, & 8 removed & Breaker retainer alignment

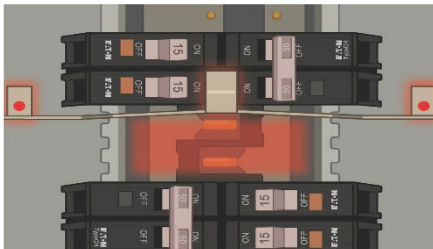


FIGURE 7 – shows the front plate layered & binder post

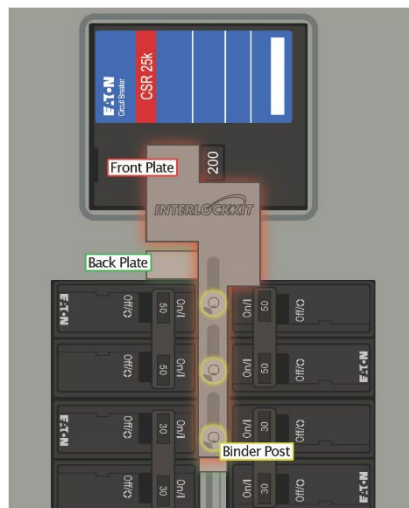


FIGURE 8 – shows Loctite application location

STEP 7

Return attention to the panel cover - Using D-1004, next drill thru the holes of the back plate and panel cover. On the back of the panel cover file/scrape each hole, to provide grounding for the kit. The binding screw (B-1003) must sit metal to metal with the back of the panel cover

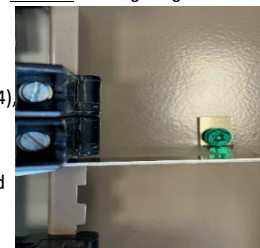
STEP 8 (Figure 3)

Next feed binder screws (B-1003) from the back of the panel, back plate holes, and front plate slots. Reaching around, use binder post (B-1002) to fasten the kit together. BE CAREFUL – not to tighten down so much that the kit has trouble traveling.

STEP 6 (Figure 6)

Remove the retainer temporarily – using the drill bit provided (D-1004) drill thru the back of the back cover of the panel. Reinsert the retainer and fasten using the GREEN self-tapping screws (H-1005)

FIGURE 6 – shows green ground screws



STEP 9

Set the MAIN & GENERATOR breakers in the OFF position and reattach the panel cover

K-6510 PARTS & QUANTITIES

Front plate
(FP-6510) QTY: 1

Back Plate
(BP-6510) QTY: 1

Binder Post
(B-1002) QTY: 3

Binder Screw
(B-1003) QTY: 3

Drill Bit – 11/64"
(D-1004) QTY: 1

Loctite Pipette
(T-1005) QTY: 1

Main indicator label
(L-1006) QTY: 1

Danger label
(L-1007) QTY: 1

GEN indicator label
(L-1008) QTY: 1

Operation Label
(L-1009) QTY: 1

Breaker Retainer
(R-1001) QTY: 1

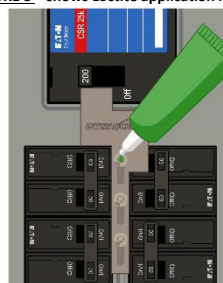
Self-tapping screws
(S-2001) QTY: 2

STEP 10

Test the kit at this point to ensure that BOTH breakers cannot be ON at the same time! Even with moderate pressure you should not be able to engage both breakers at once!

STEP 11 (Figure 8)

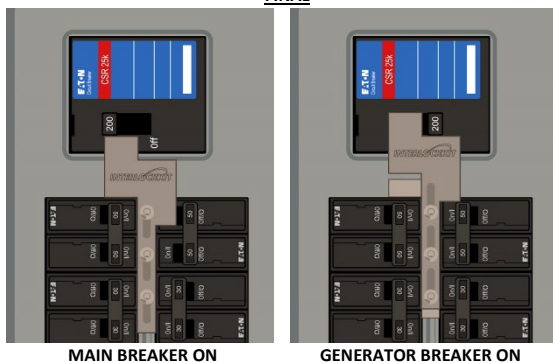
After testing -Apply one drop of Loctite as demonstrated to top of the binder posts to secure the Kit's position



FINISH

STEP 13

**RECONNECT
POWER TO
THE PANEL**



MAIN BREAKER ON

GENERATOR BREAKER ON

Are you having problems with your installation? Check out this short installation video for more information on how to properly install a kit similar to this one!



SCAN ME

SCAN ME