

Installation Instructions



Note: This instruction outlines the recommended installation procedure. For installation by a qualified person, as defined by all local electrical codes and/or the National Electrical Code ®.

Turn off and lock off the power supplying the device before working inside.

The breaker in this panel is factory mounted for Top Feed Applications. See Fig.1. "ON" position of the breaker must be in the up position. To invert the main breaker for bottom feed, follow these instructions:

1. Remove the wire binding screws from the breaker lugs installed at the top of the breaker.
2. Remove the screw securing the lug to the breaker. Keep lugs, wire binding screws, and mounting screws together for future use.
3. Remove the connecting straps from the bottom of the breaker and interior bus bars. Keep connecting straps, (3) 1/4-20 hex nut/washers, and (3) 3/8-16 screws/washers together for future use.
4. Remove the (4) 1/4-20 x 2-7/16" long screws securing the breaker to the enclosure. Keep together for future use.
5. Install the connecting straps using the (3) 3/8-16 screws removed in Step 3 to the opposite (top) end of the breaker. Do not tighten.
6. Install the main breaker/connecting strap assembly on the interior bus bar/stud assembly using the (3) 1/4-20 hex nut/washer assemblies removed in Step 3. Do not tighten.
7. Secure the main breaker/connecting strap assembly to the back of the enclosure using the (4) 1/4-20 x 2-7/16" long screws removed in Step 4. Do not tighten.
8. Tighten all hardware as follows:
 - (A) 1/4-20 x 2-7/16" breaker mounting screws – 45 lb-in.
 - (B) 3/8-16 x 7/16" screw/washer assembly – 150 lb-in.
 - (C) 1/4-20 nut/washer assembly – 45 lb-in.
9. Install the lugs using the mounting screws removed in Step 2 to the opposite (bottom) end of the breaker. Tighten screws to 150 lb-in.
10. Install the wire binding screws removed in Step 1 in the lugs.
11. Remove the plastic main breaker insert in the trim assembly dead front, rotate 180° and re-install in the trim assembly deadfront. Make sure the main breaker insert snaps securely to the trim assembly deadfront.
12. Orient the panel so the "ON" position of the breaker is in the up position.

Figure 1
Main Breaker

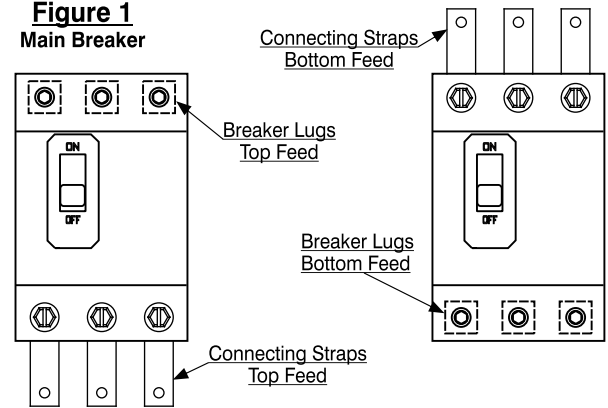


Figure 2

Top Feed Configuration Shown

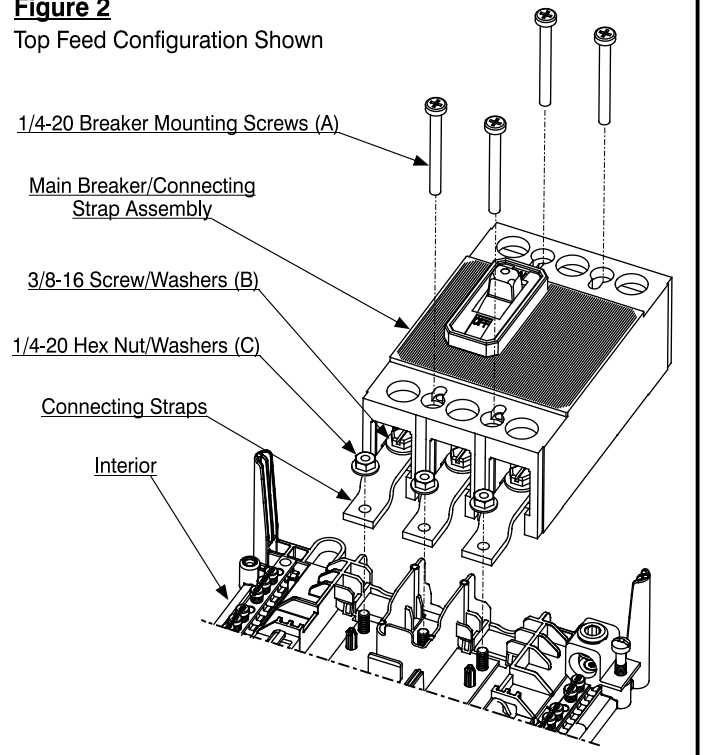


Figure 3

