

January 9, 2019

To: Whom It May Concern

Re: Ground Bar Installation via Drill Point in Panelboard Enclosure

Newly revised Clause 6.7.2 in UL 67 specifies that drilling is acceptable in a panelboard enclosure if such openings are indicated by drill points and provides details to address how drill points may be provided (applied at the factory, by use of a template, or other equivalent means).

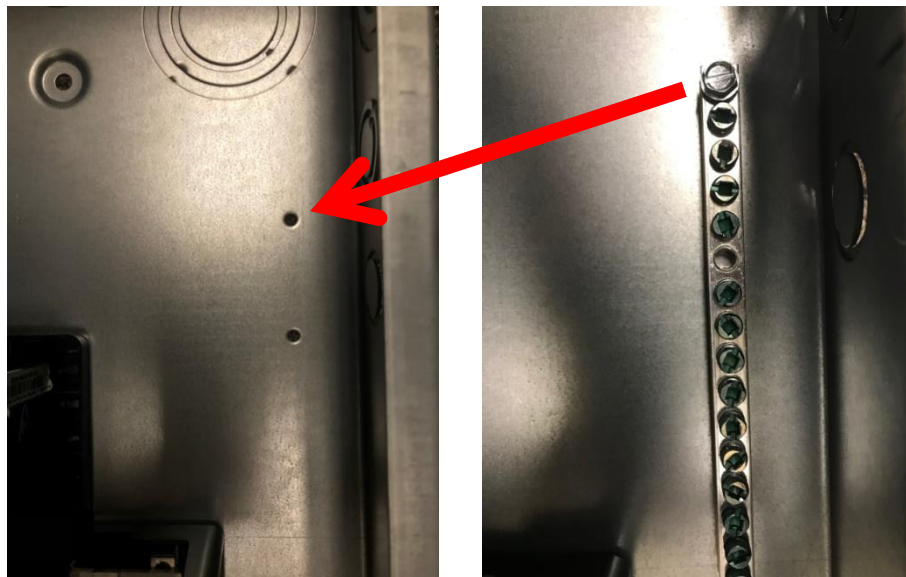
6.7 Field Installable Equipment

6.7.2 A panelboard may have provision for field-installed accessories provided the following conditions are met:

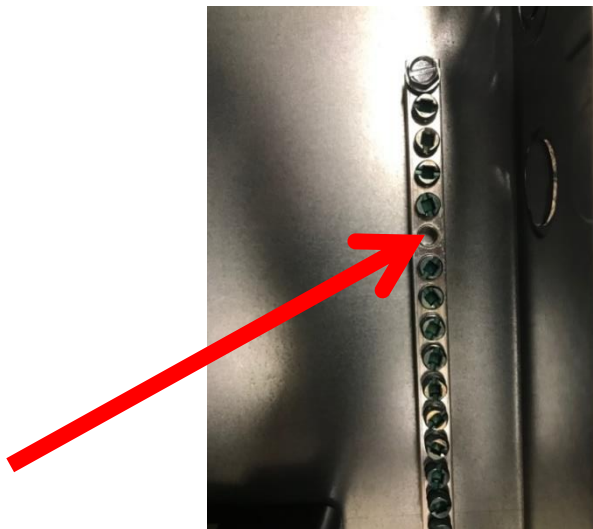
h) Drilling, cutting, or filing is acceptable in the panelboard enclosure if such openings are indicated by drill points or breakouts on the enclosure. Drill points may be applied at the factory, by a template provided with the field-installed accessory, or other equivalent means, such that the location to be drilled can be determined by the installer.

The following is the recommended installation procedure for Eaton ground bar (GBK or GBKP) when installed into an enclosure:

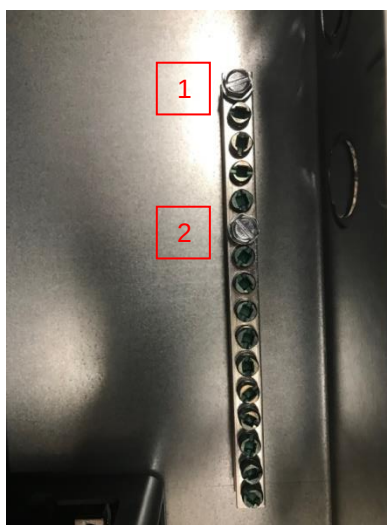
1. Ensure the loadcenter is in an electrically safe work condition prior to the installation of the Ground Bar.
2. Thread Top Screw of Ground Bar partially to the hole provided in the loadcenter as indicated in the picture shown below.



3. With the Top Screw attached to the enclosure, use the Ground Bar as a template by swinging it to establish desired drilling location of mounting hole as shown below. Mark the desired hole location and remove the bar. Using an 11/64" drill bit, drill the mounting hole. Ensure that UL and NEC spacing requirements are maintained. Remove metal shavings and make sure debris inside the loadcenter enclosure does not accumulate.



4. Replace bar and secure both screws in mounting holes. Torque the screw in the extruded hole (provided with loadcenter, #1 shown below) to 25 in-lbs and the screw in the drilled hole (#2 shown below) to 15 in-lbs in order to properly bond and secure Ground Bar to panelboard enclosure. If the existing factory hole was "non-extruded" then both screws must be torqued to 15 in-lbs to properly bond and secure the ground bar.



Sincerely,

Eaton's Residential & Wiring Devices Division