

# ReliaGear™ neXT

## IP20 Main Lug Barrier Installation Instructions

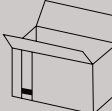
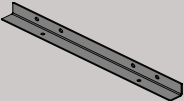
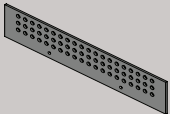
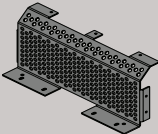
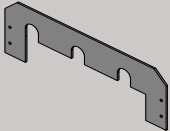
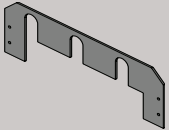
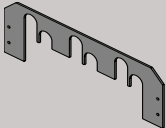
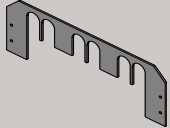
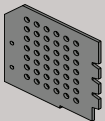
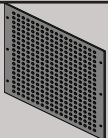
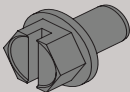
### WARNING

Danger of electrical shock or injury. Turn OFF power ahead of the panel board or switchboard before working inside the equipment or removing any component. Equipment is to be installed and maintained by properly trained and qualified personnel only.



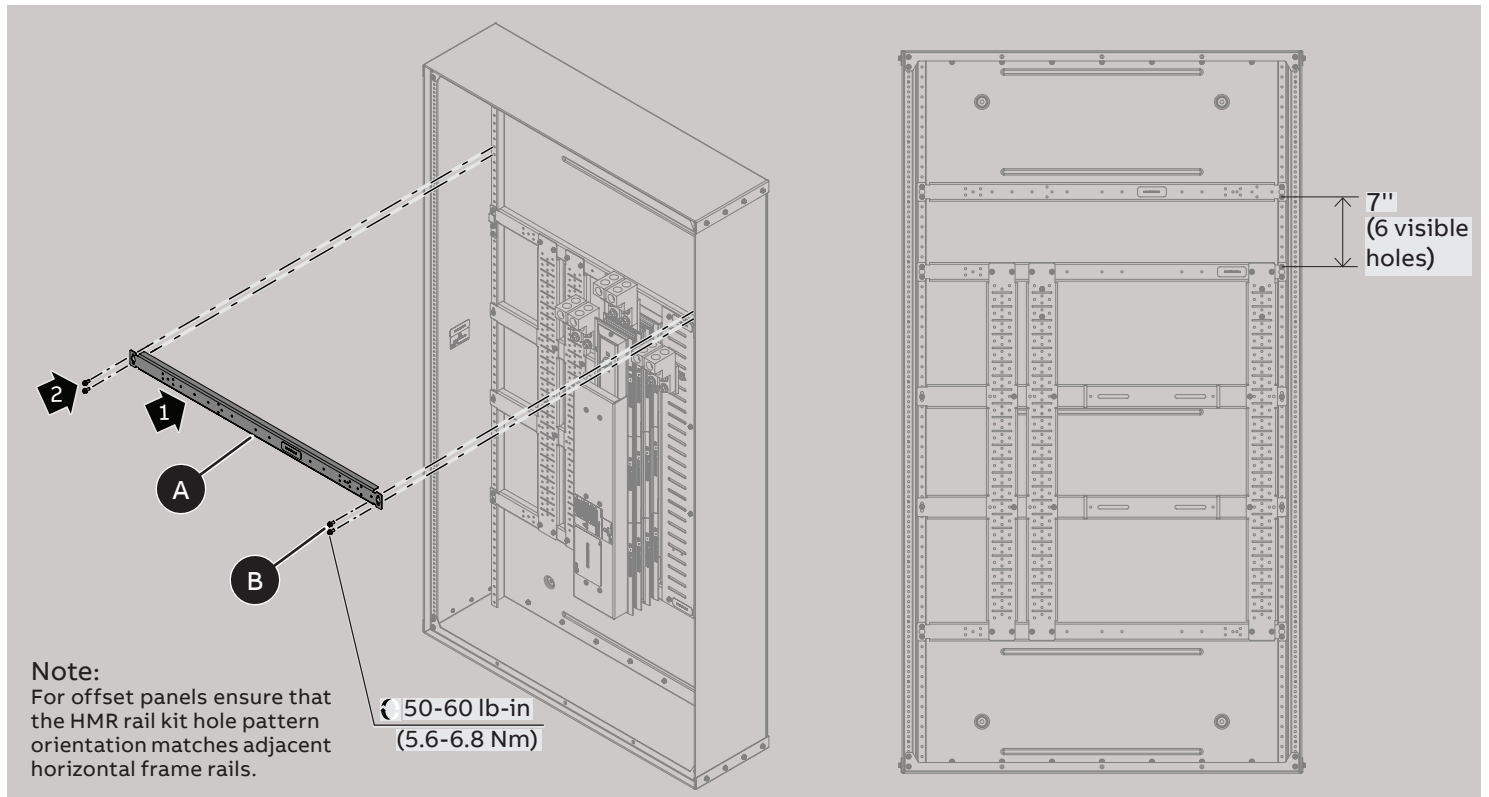
HMR Rail Kit		
		Qty
A		1X
B		4X

Item:	Wire quantity per phase:	Lug Type:
F	1	<ul style="list-style-type: none"><li>• Mechanical, #2-600MCM</li><li>• Mechanical, 3/0-750MCM</li></ul>
G	2	<ul style="list-style-type: none"><li>• Mechanical, #2-600MCM</li><li>• Mechanical, 3/0-750MCM</li></ul>
H	3	<ul style="list-style-type: none"><li>• Mechanical, #2-600MCM</li><li>• Mechanical, 3/0-750MCM</li></ul>
J	4	<ul style="list-style-type: none"><li>• Mechanical, #2-600MCM</li><li>• Mechanical, 3/0-750MCM</li></ul>

IP20 Barrier Kit		
		Qty
C		1X
D		1X
E		2X
F		1X
G		1X
H		1X
J		1X
K		2X
L		1X
M		26X

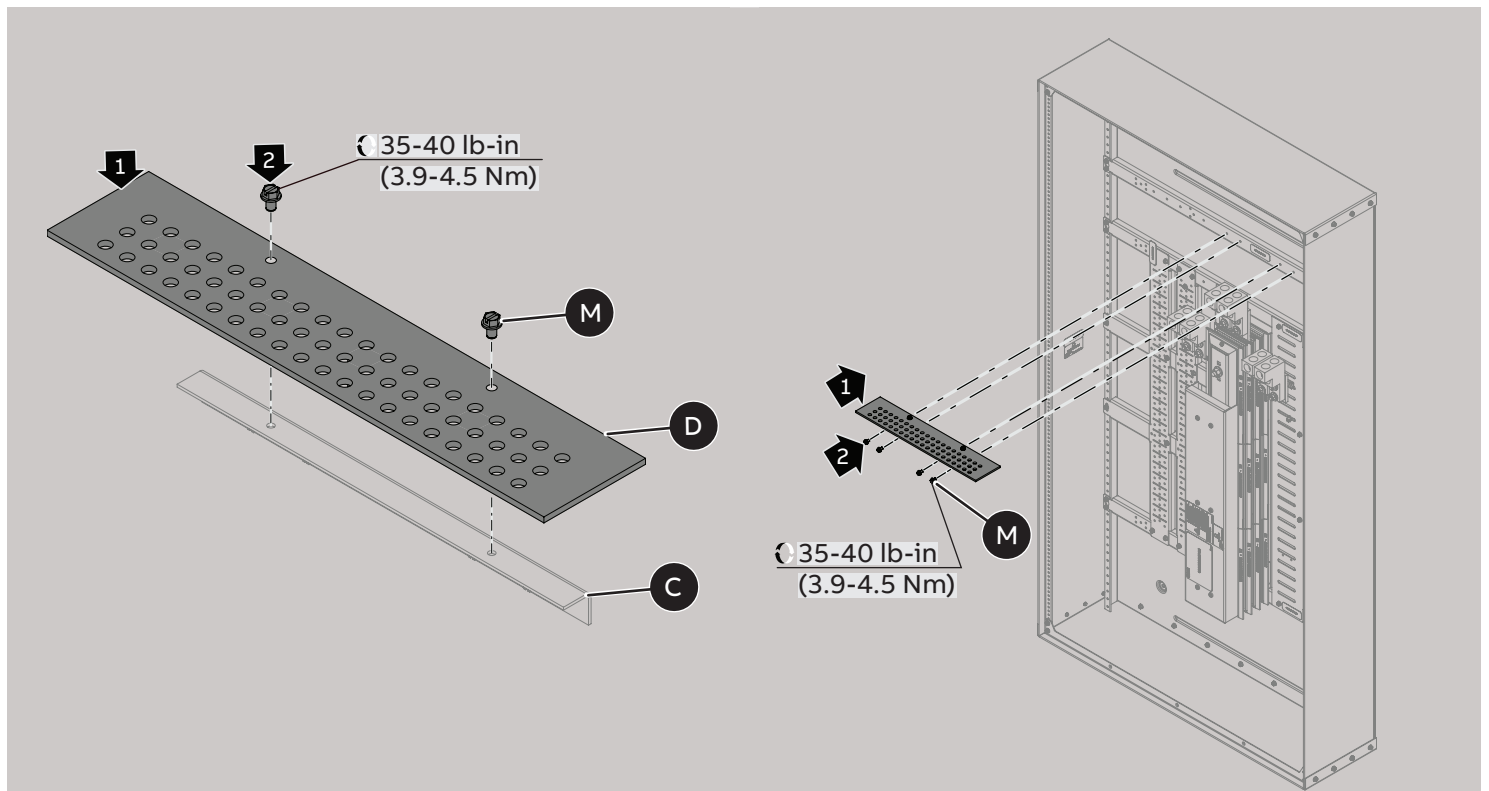
1

## Mounting Rail Installation



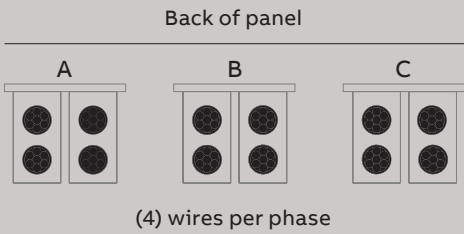
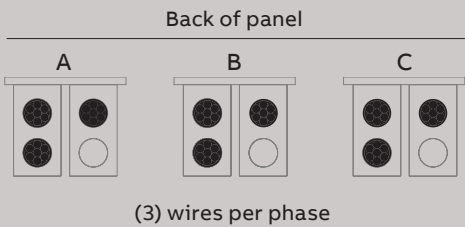
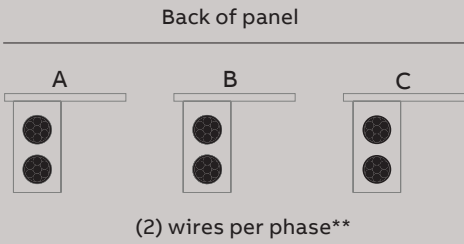
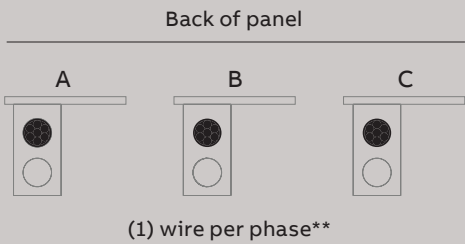
2

## Top Barrier And Bracket Installation



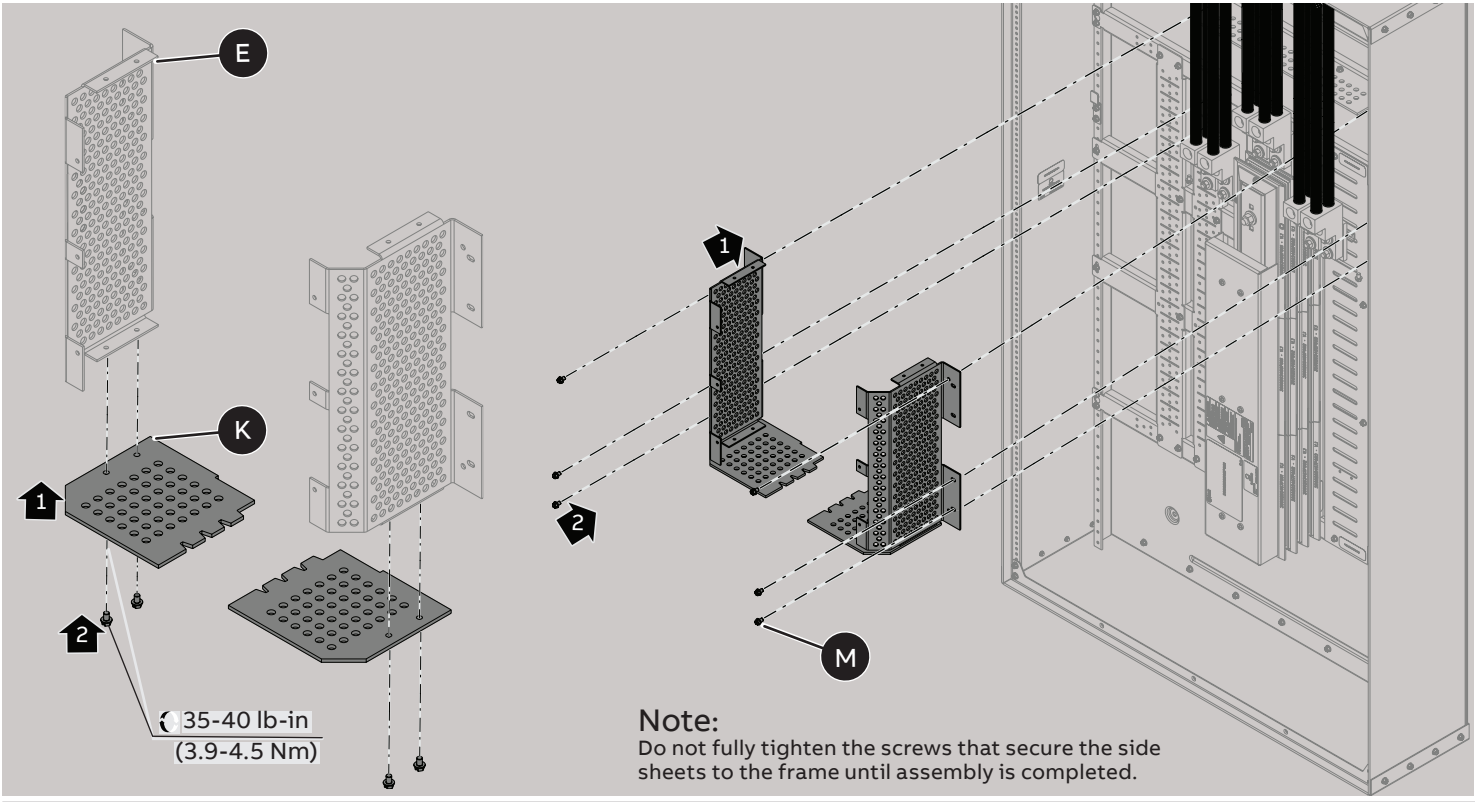
- Indicates wire installed at lug terminal.
- Indicates empty lug terminal.

**Note:** To ensure proper fit with the IP20 main lug barrier, the main lugs\* should be wired according to the top-view diagrams below:



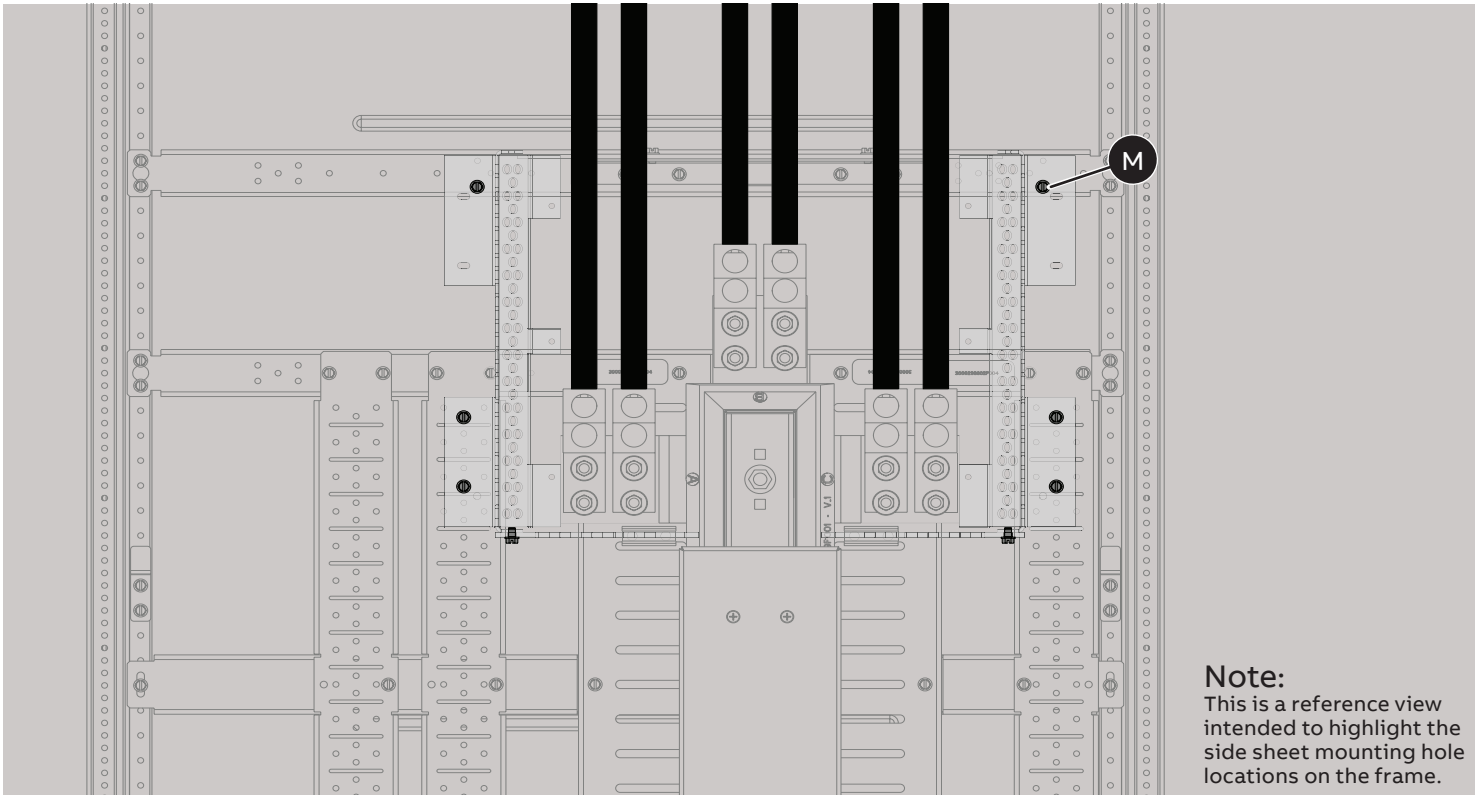
*\*Diagrams depict lugs at the top of the panel (top-fed). For lugs at the bottom of the panel (bottom-fed), the lug barrier may need to be flipped during installation (see step 6).*

*\*\* (1) and (2) wire configurations will have a single lug mounted to the lug pad.*

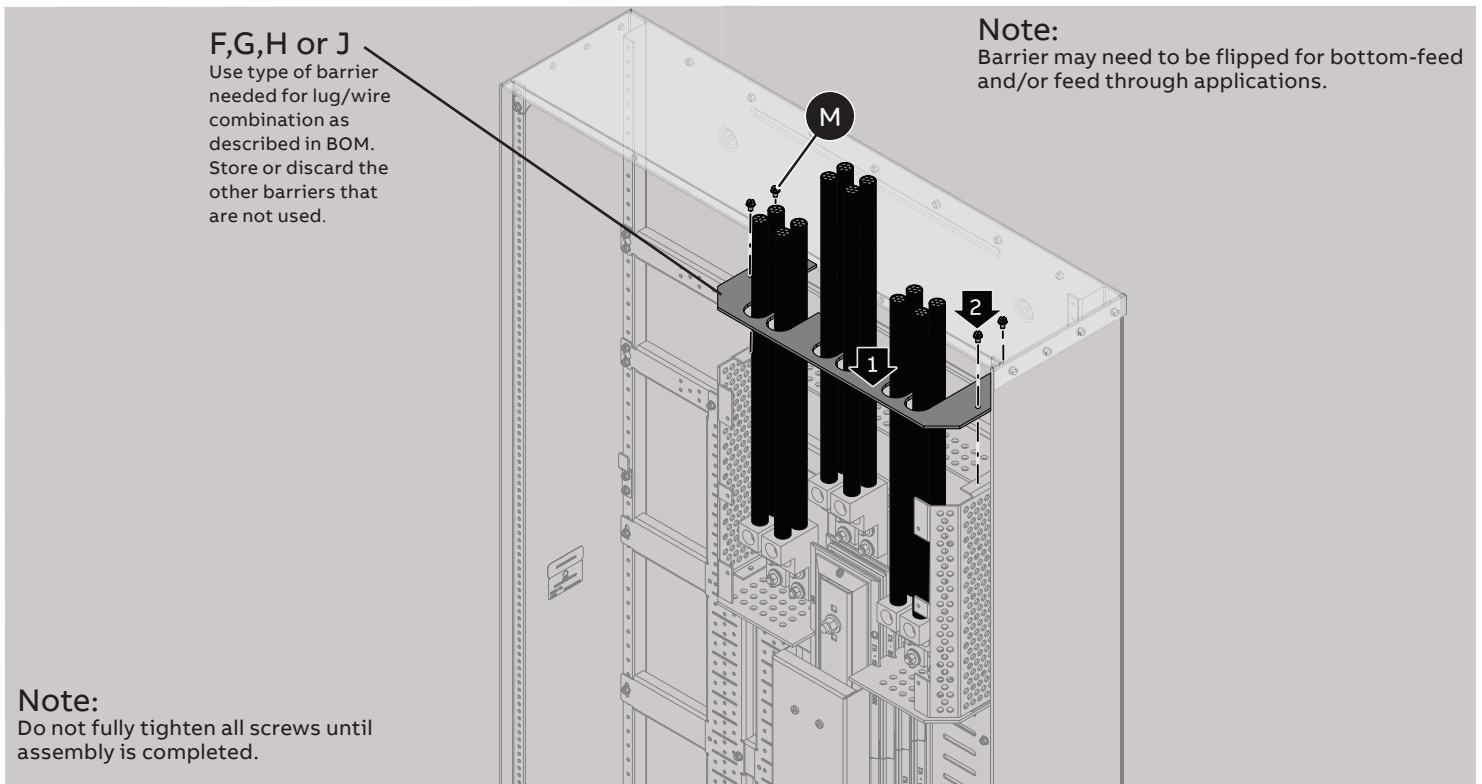


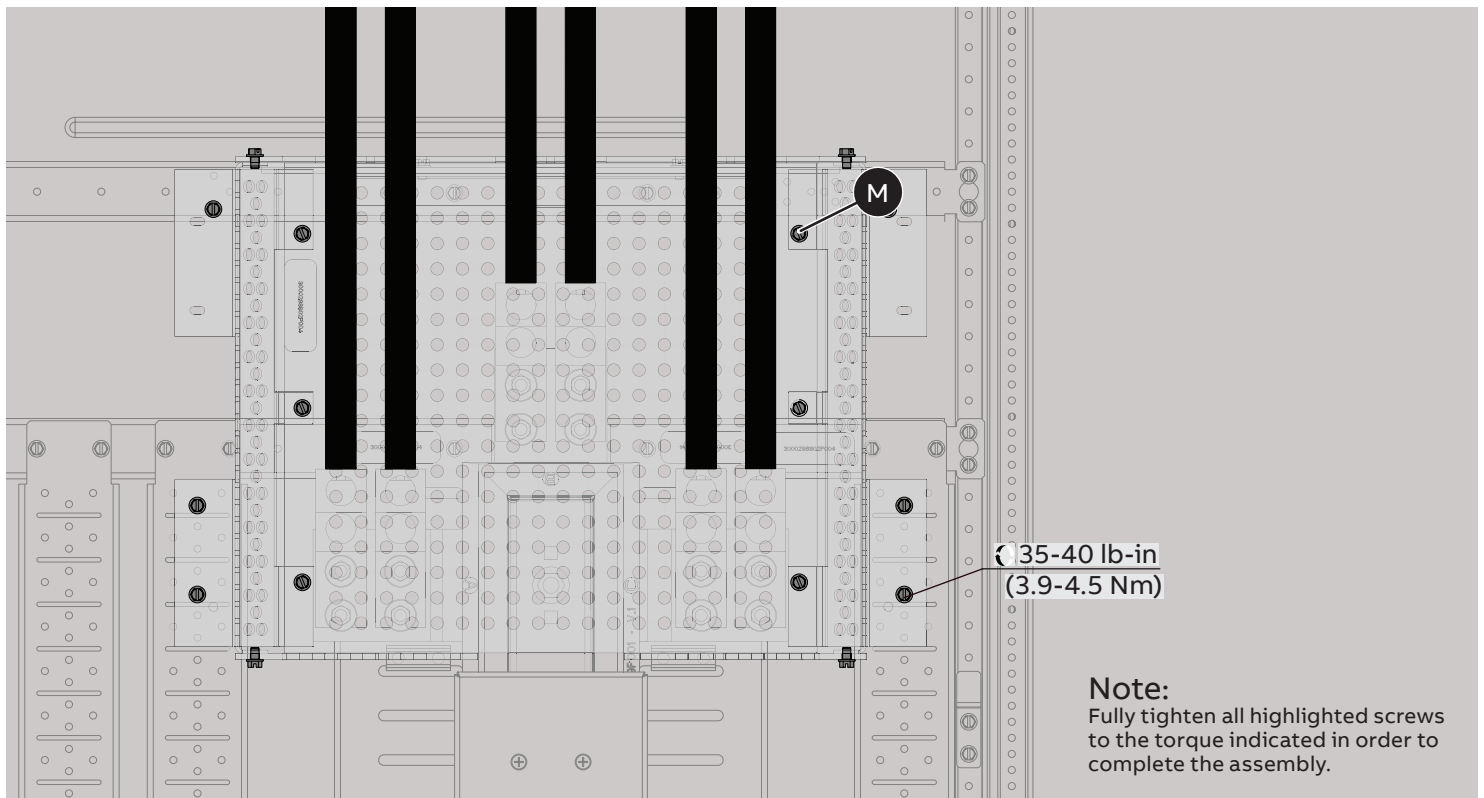
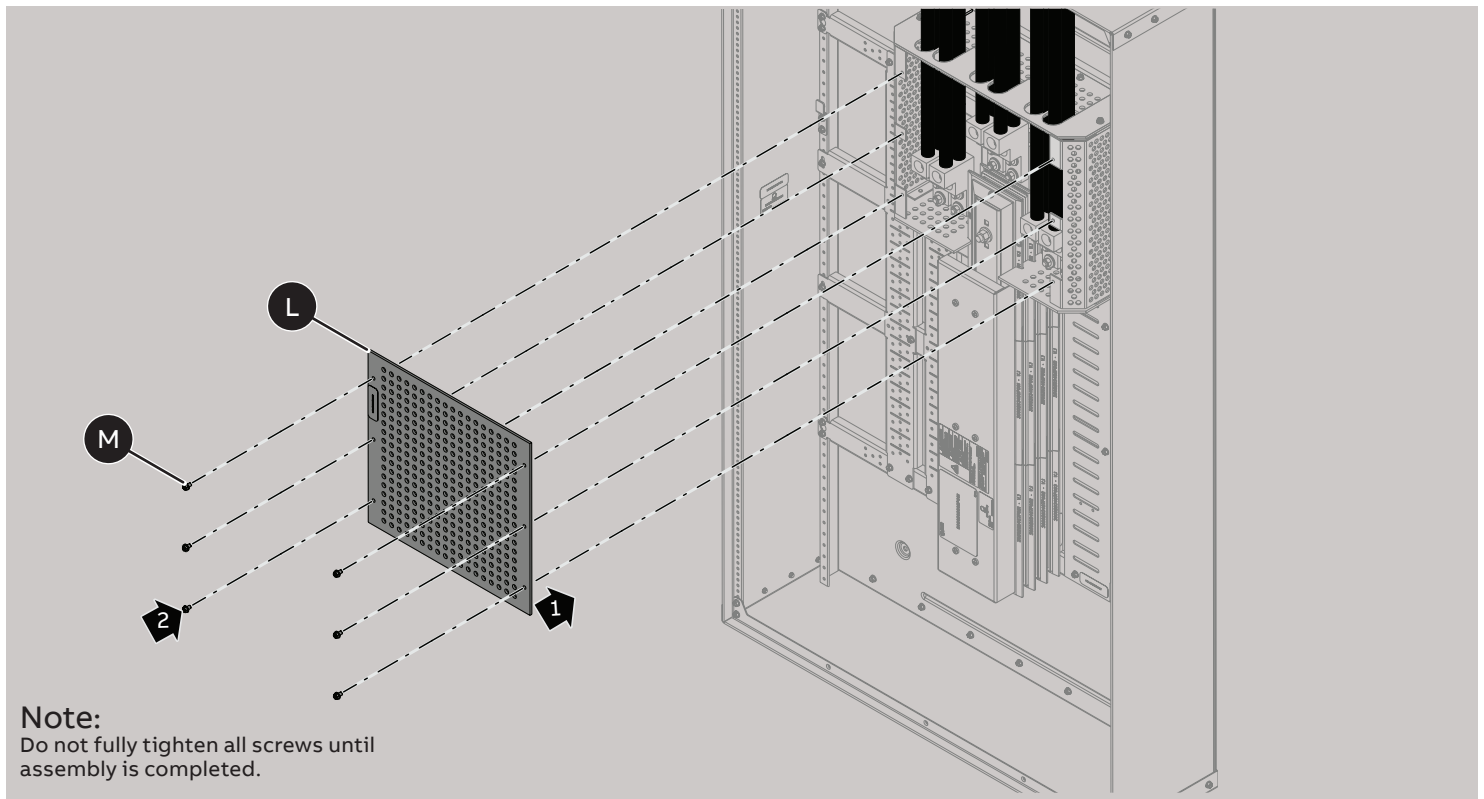


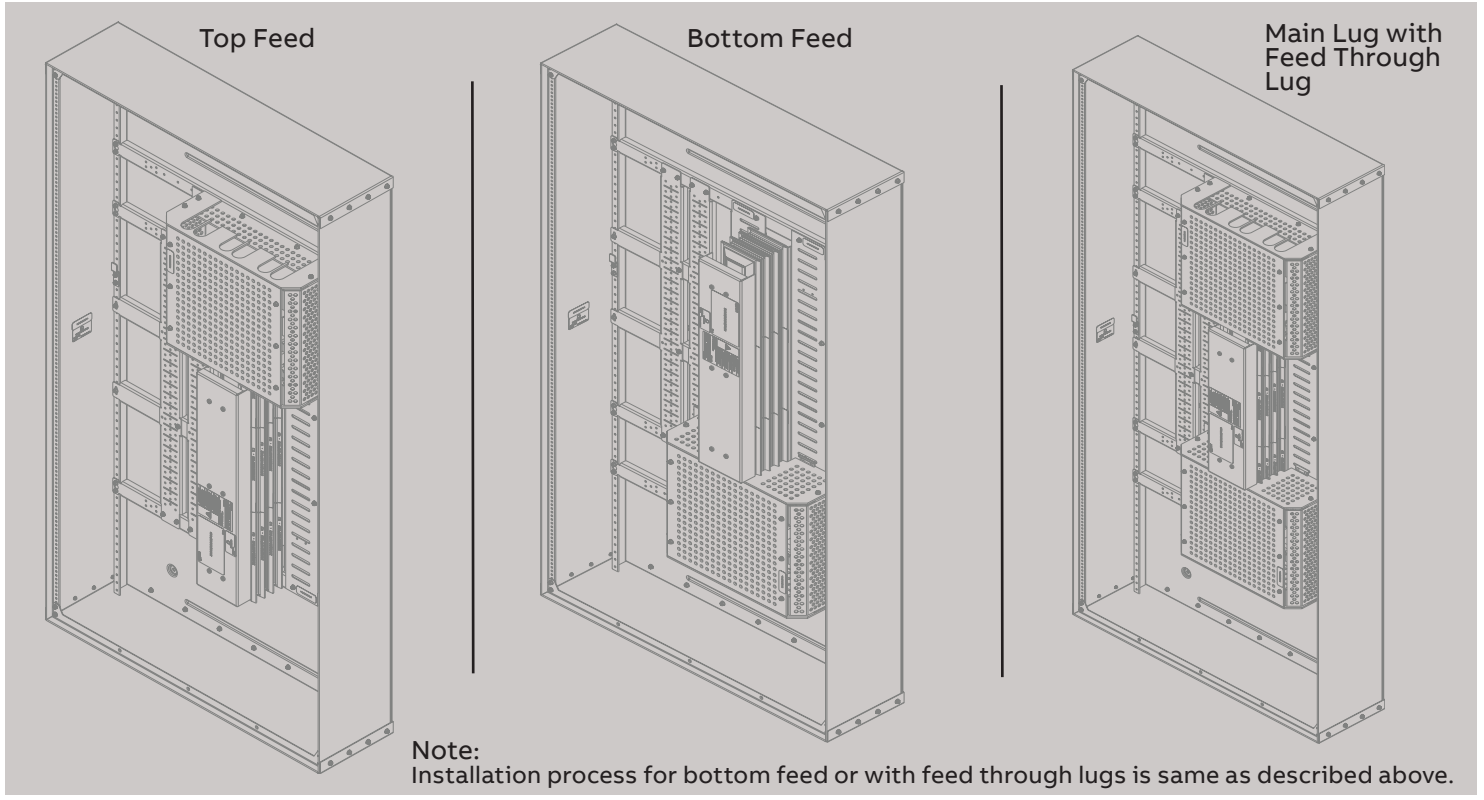
## Side Sheet And Bottom Barrier Fully Installed



## Lug Barrier Installation







**Disclaimer :** These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the ABB Company.

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