

# ReliaGear™ neXT Panelboard

## Assembly Instructions - Stocked ReliaGear neXT Power Panels

### 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.

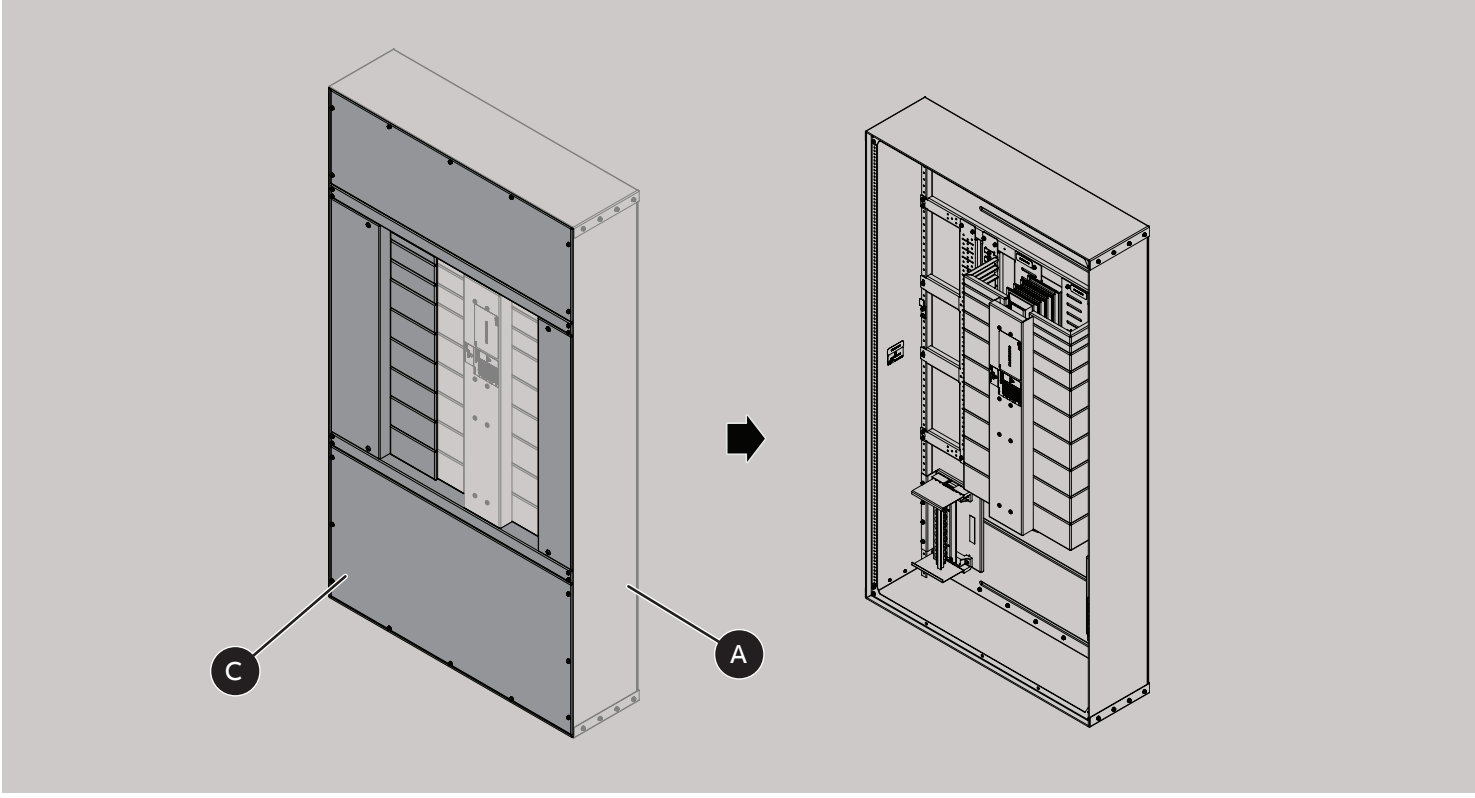


A		1X
B		1X
C		1X
D		1X
E		1X

All breakers to be purchased separately.  
ReliaGear neXT catalog: 1SQC900001C0201.

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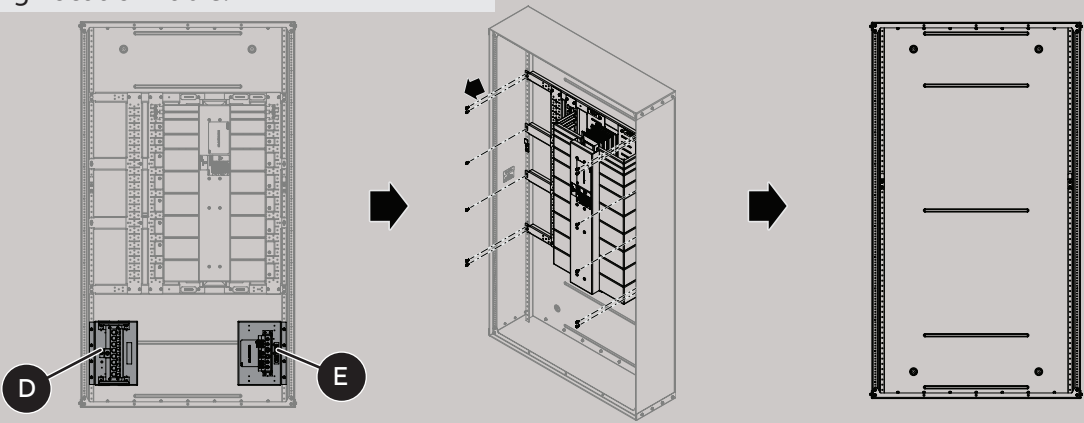
Remove fronts/gutters/fillers from enclosure



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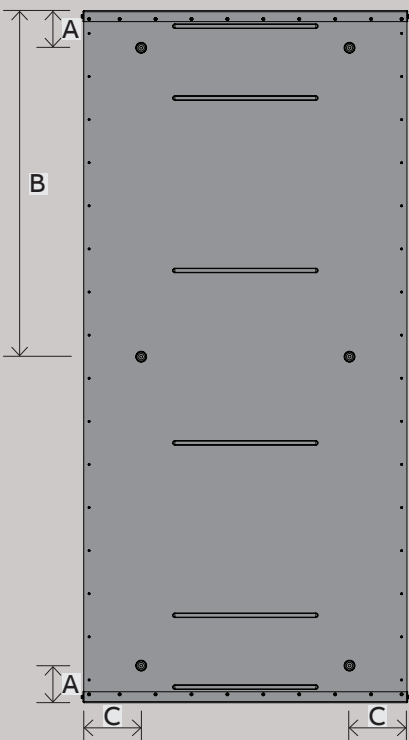
Remove neutral and ground to access mounting holes

For 84"H panels, remove interior to access mounting holes. If top feed is required, remove interior and install per mounting requirements in Mounting Location Table.



	Bottom Fed			Top Fed*		
	16X Bus	24X Bus	32X Bus	16X Bus	24X Bus	32X Bus
Horiz. Breaker (400A-1200A)	14 (13.5")			21 (20.5")	22 (21.5")	23 (22.5")
Main Lug (400A-1200A)	14 (13.5")			21 (20.5")	22 (21.5")	23 (22.5")

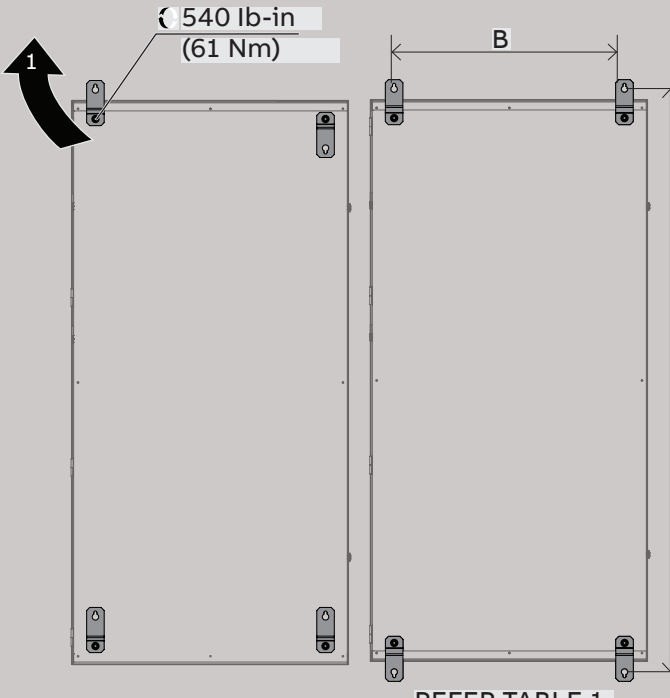
\*All panels shipped in the bottom fed orientation. If top fed is required, use mounting positions shown here in order to re-use fronts.\*



The diagram shows a rectangular enclosure with mounting holes. Dimension A is the distance from the top and bottom edges to the first row of holes. Dimension B is the distance between the two rows of holes. Dimension C is the distance from the left and right edges to the first column of holes. There are four rows of holes for 60, 72, and 84 inch heights, and six rows for 96 inch height.

**Enclosure mounting holes**  
Plate hole distance from edges

Height	Holes	A	B	C
60"	4	5"	N/A	8"
72"	4	5"	N/A	8"
84"	6	5"	42"	8"
96"	6	5"	48"	8"



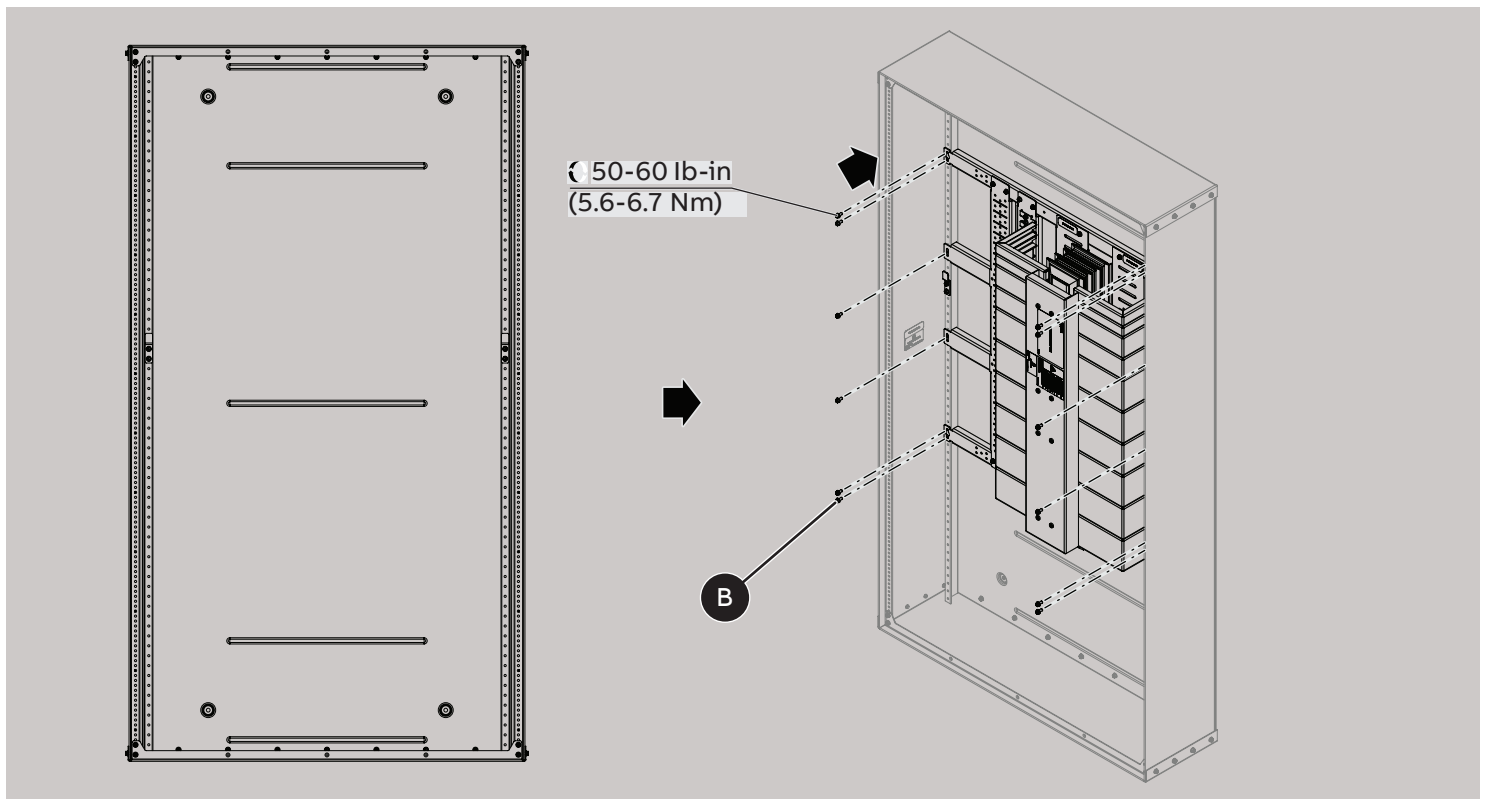
The diagram shows the enclosure being mounted to a wall using four hanger brackets. A curved arrow labeled '1' indicates the direction of rotation for the top-left bracket. A callout specifies a torque of 540 lb-in (61 Nm). Dimensions A and B are indicated for the mounting brackets.

**Table 1.**

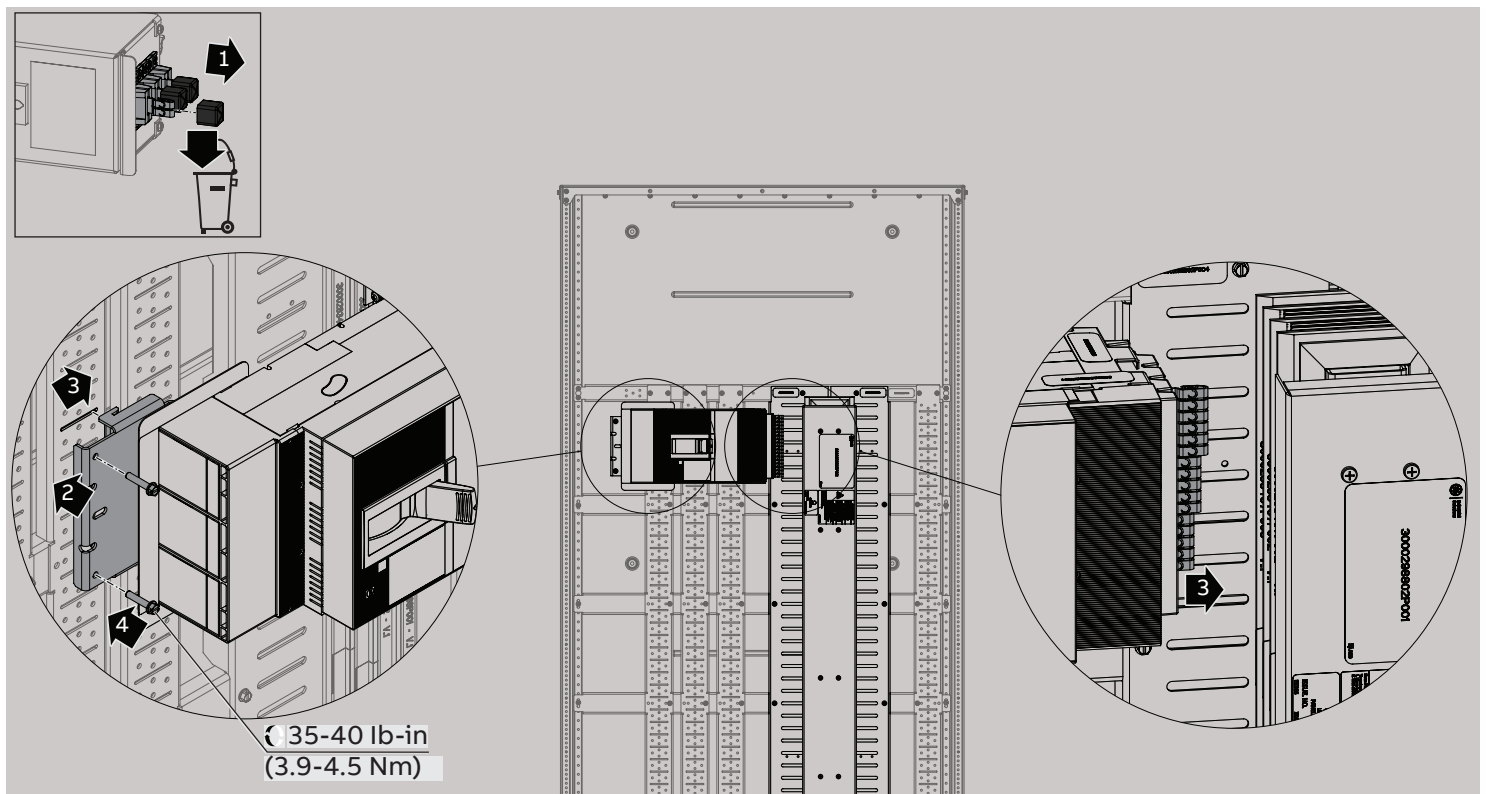
ENCLOSURE EXTERIOR SIZE (IN)	DIMENSION A (IN)	DIMENSION B (IN)
30 (33.5) W x 60 (61.0) H	65.97	24.47
30 (33.5) W x 72 (73.0) H	77.97	24.47
30 (33.5) W x 84 (85.0) H	89.97	24.47
30 (33.5) W x 96 (97.0) H	101.97	24.47
40 (43.5) W x 60 (61.0) H	65.97	34.47
40 (43.5) W x 72 (73.0) H	77.97	34.47
40 (43.5) W x 84 (85.0) H	89.97	34.47
40 (43.5) W x 96 (97.0) H	101.97	34.47
45 (48.5) W x 60 (61.0) H	65.97	39.47
45 (48.5) W x 72 (73.0) H	77.97	39.47
45 (48.5) W x 84 (85.0) H	89.97	39.47
45 (48.5) W x 96 (97.0) H	101.97	39.47

REFER TABLE 1

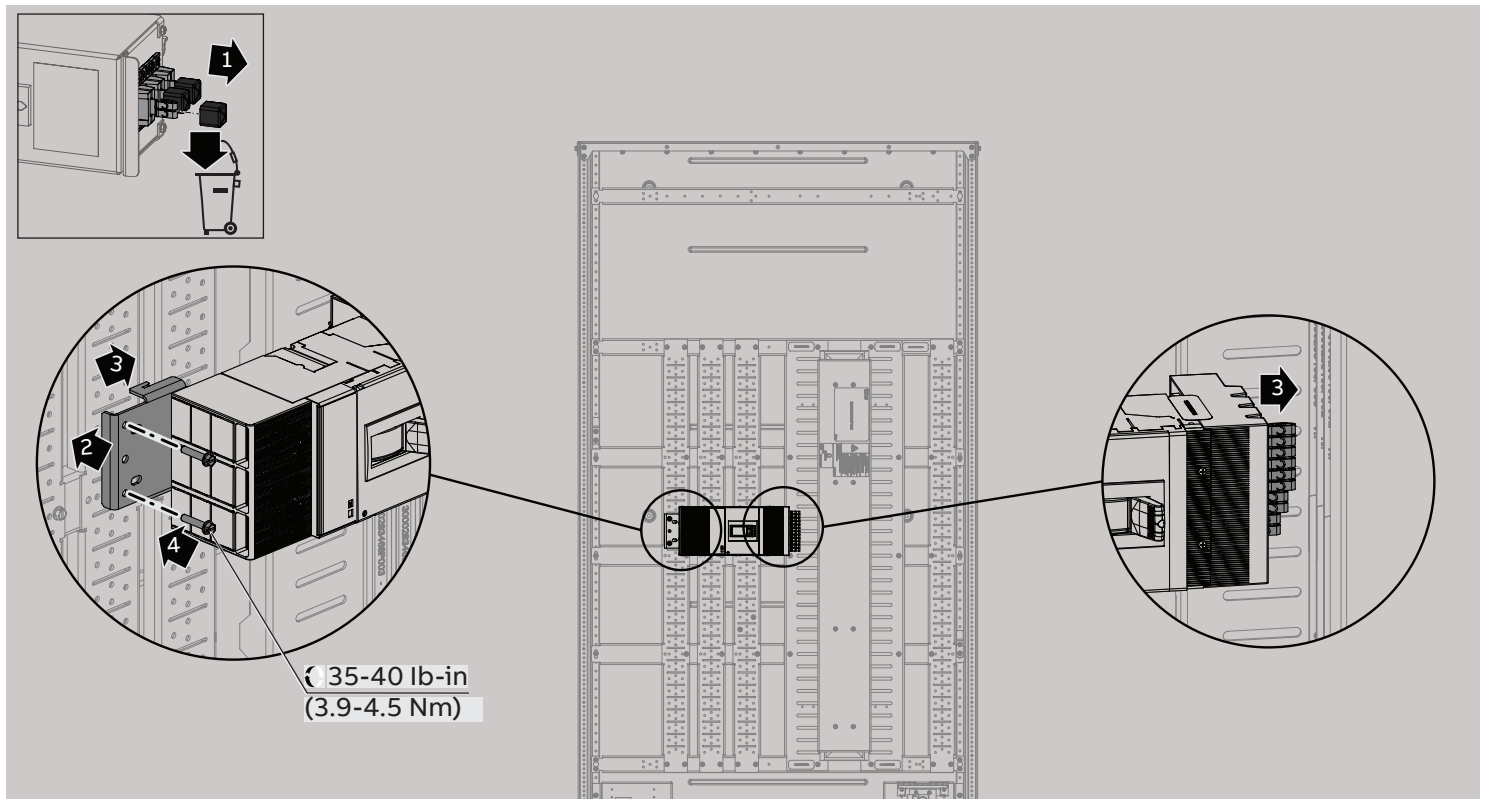
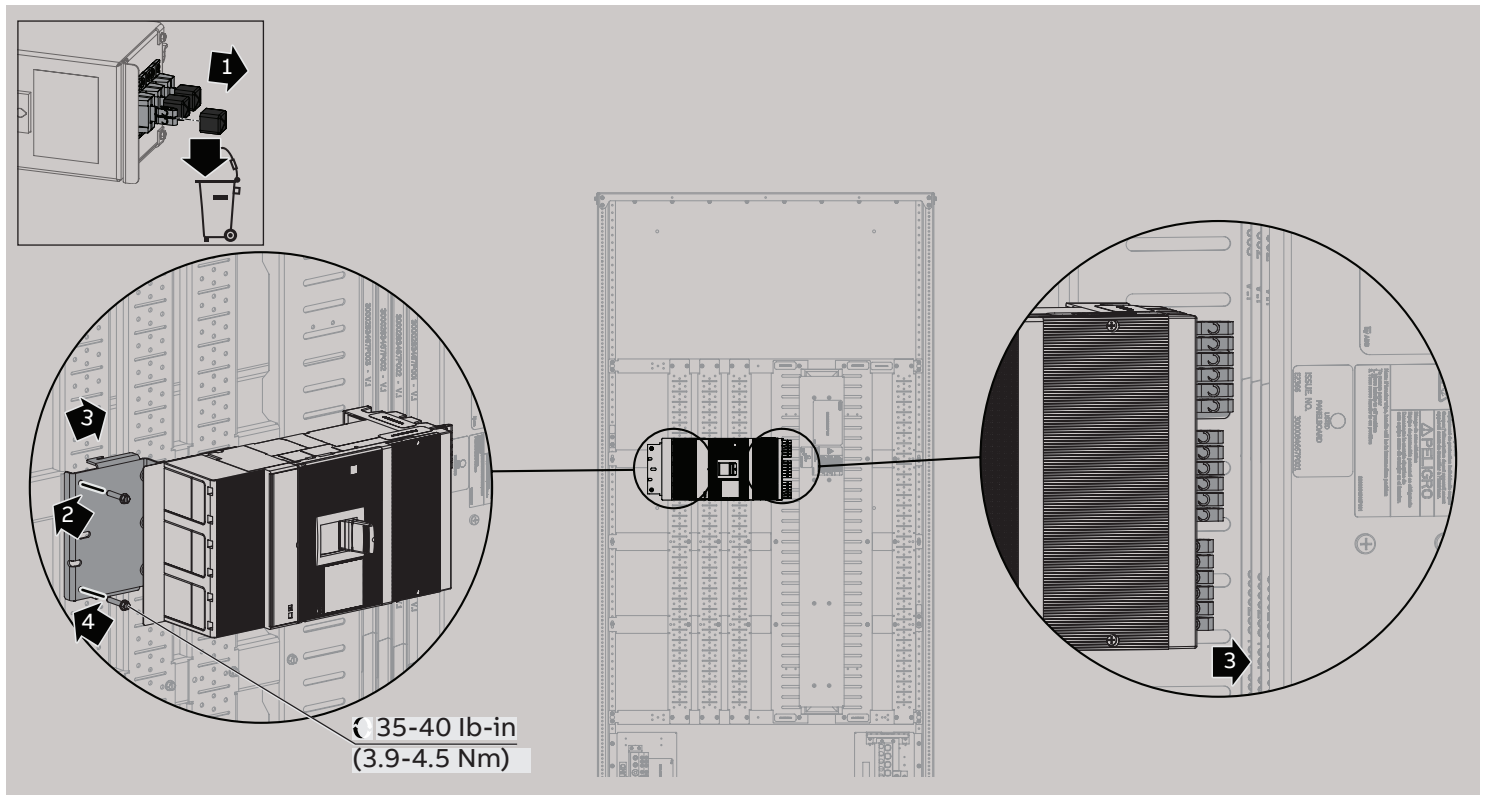
Note: Values in parentheses are overall enclosure dimensions.

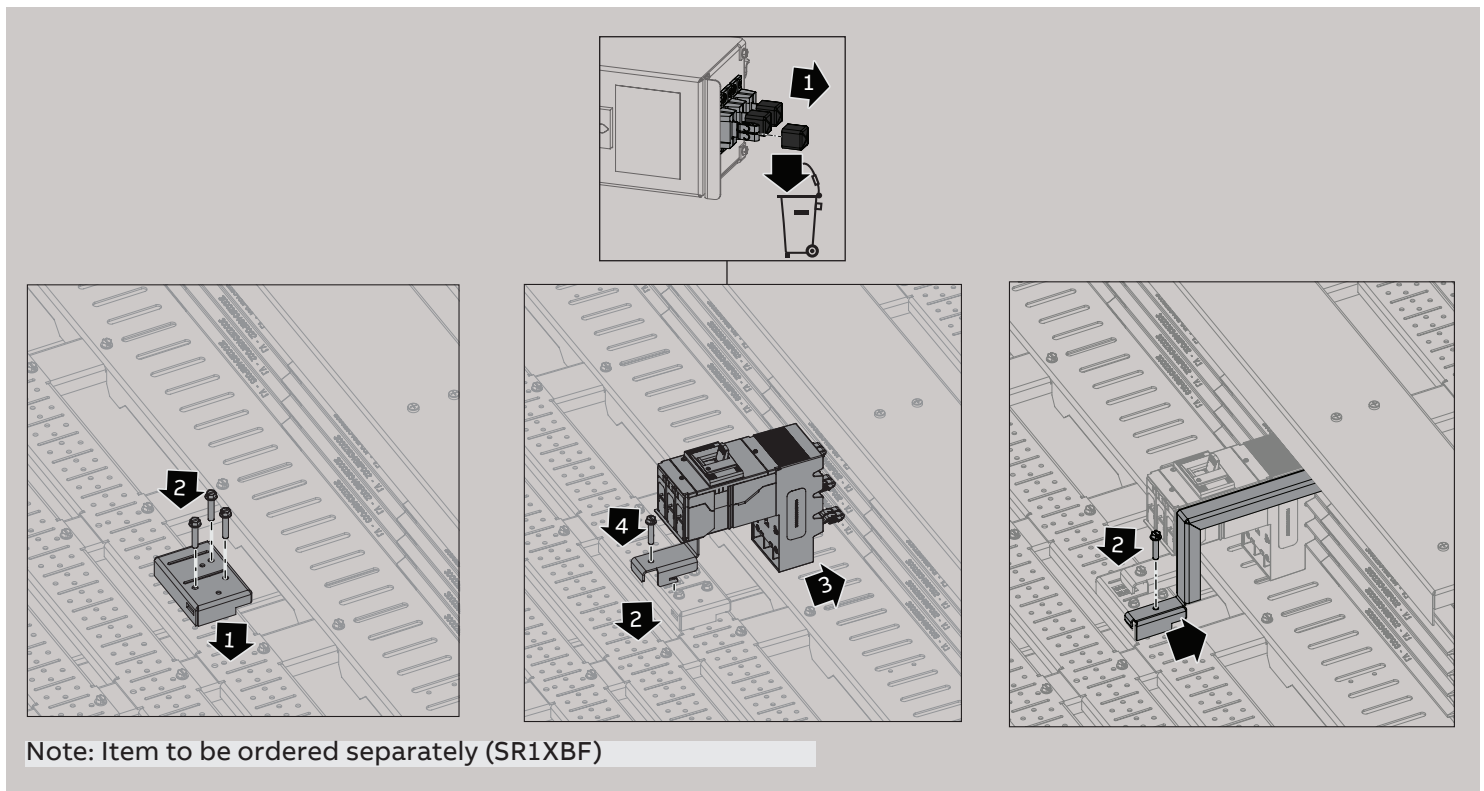
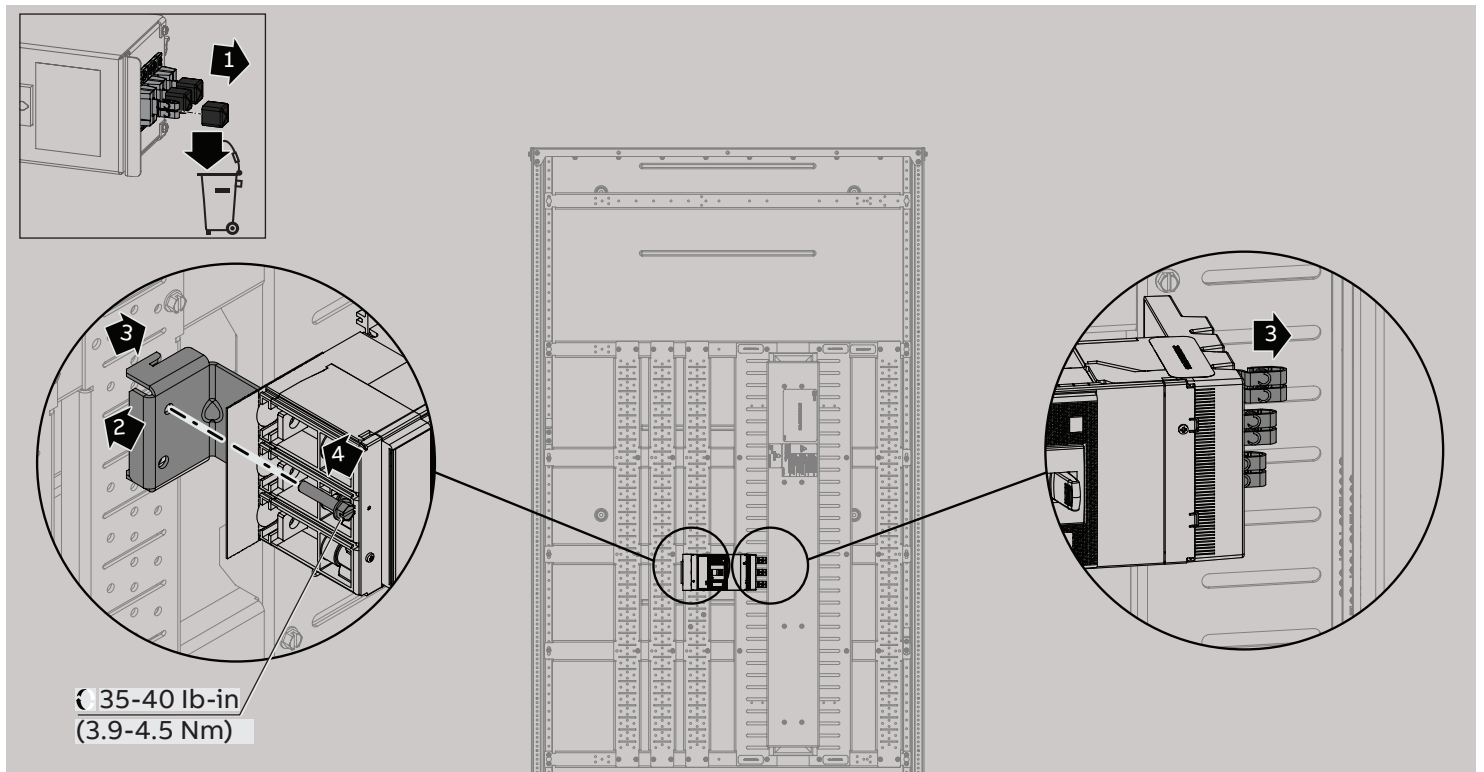


Note: Blanks should be removed as needed and required breakers should be installed.



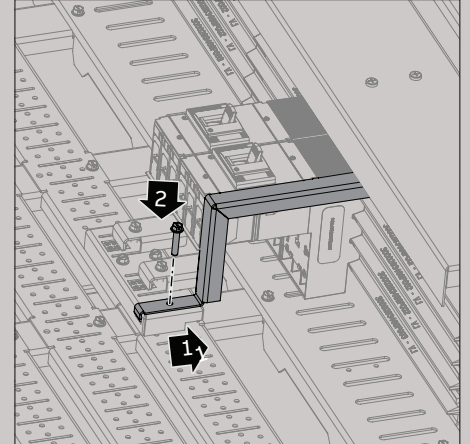
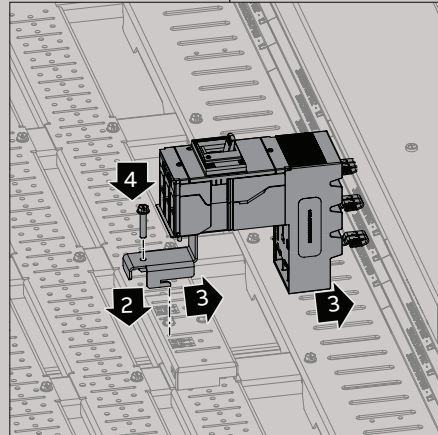
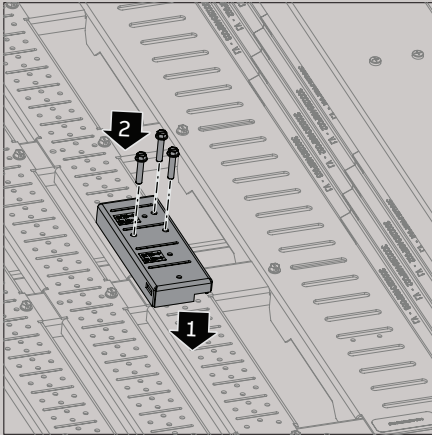
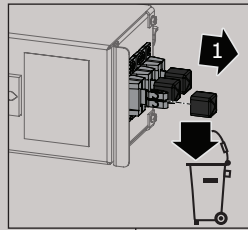






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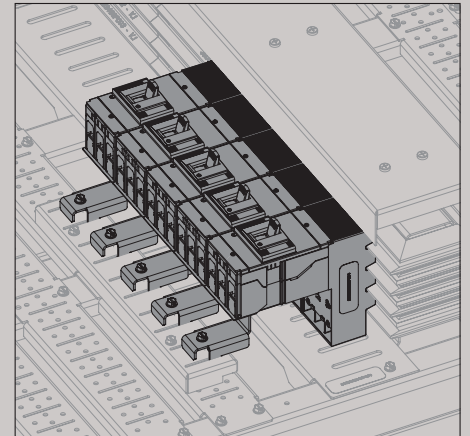
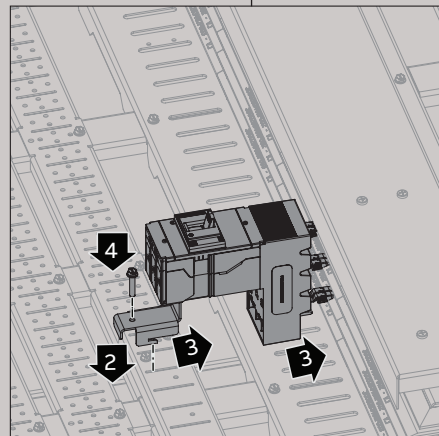
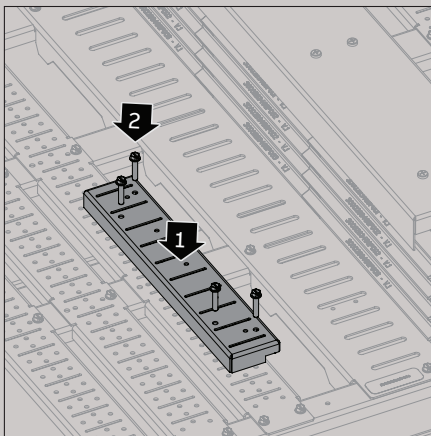
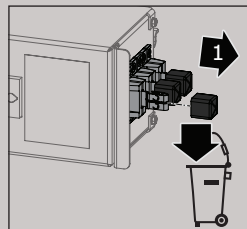
## Horizontal feeder installation - XT1, group mounting of 2 adjacent breakers



Note: Item to be ordered separately (SR2XBF)

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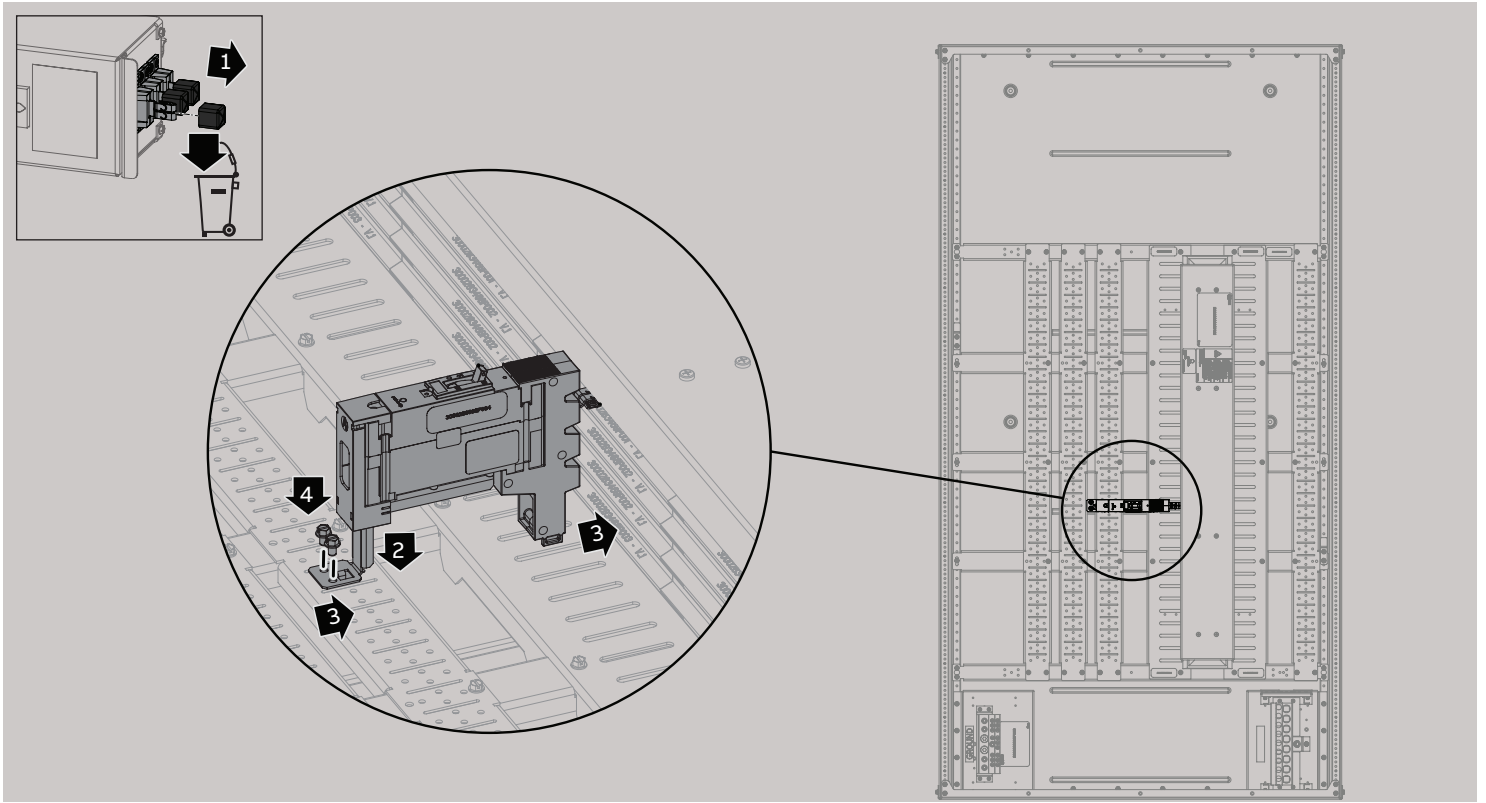
## Horizontal feeder installation - XT1, group mounting of 5 adjacent breakers



Note: Item to be ordered separately (SR5XBF)

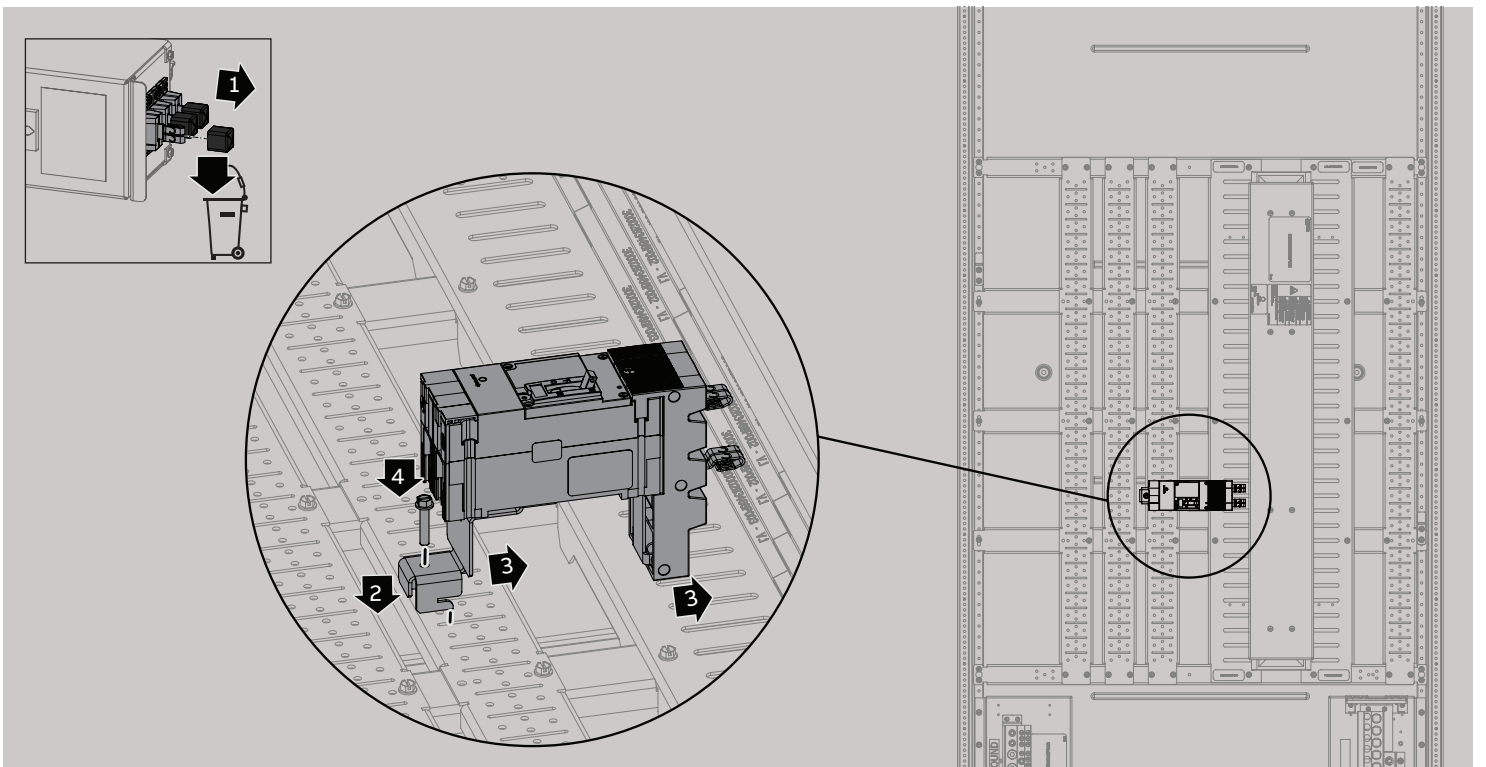
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## Horizontal feeder installation - FB 1P



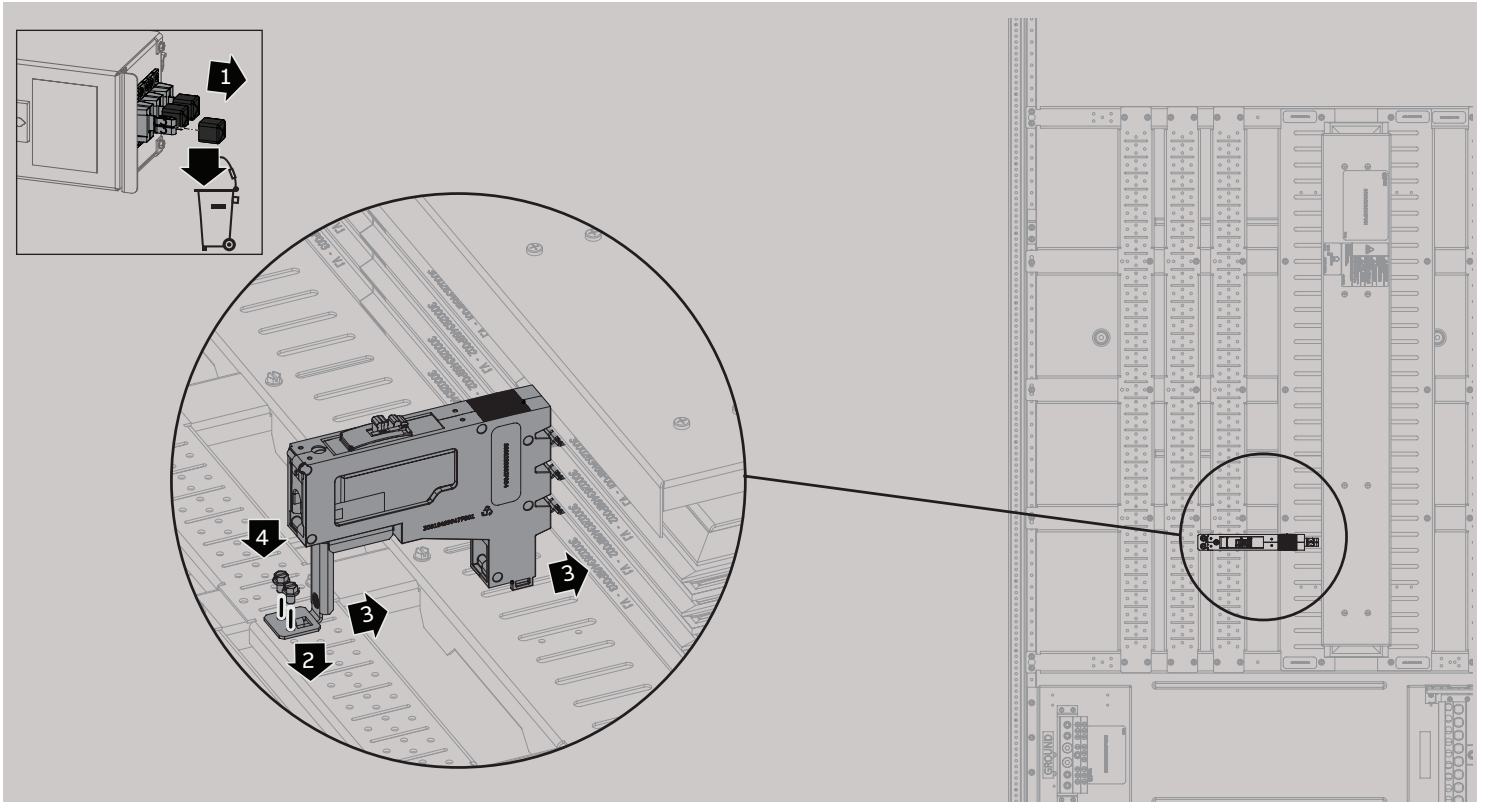
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## Horizontal feeder installation - FB 2P



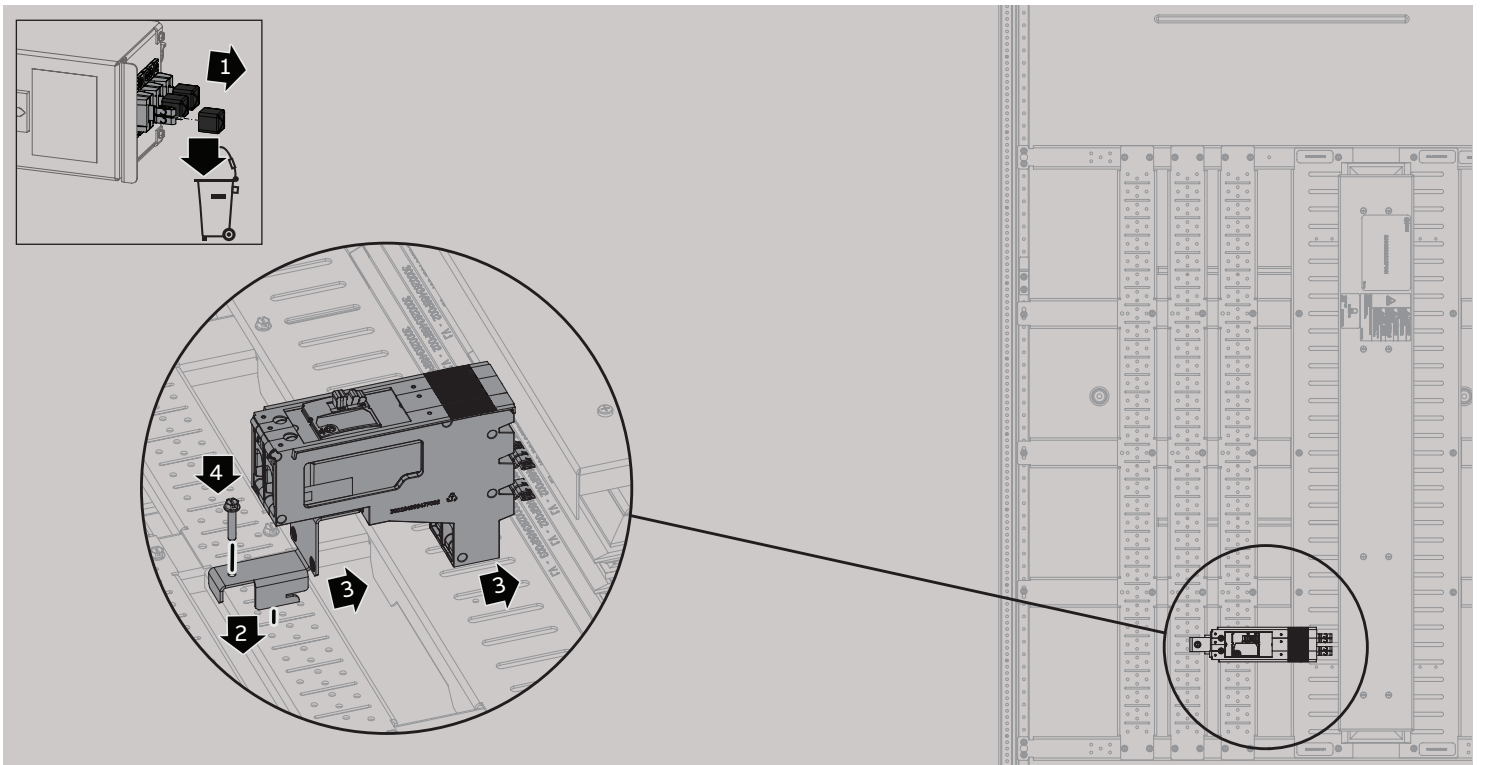
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## Horizontal feeder installation - TEY 1P

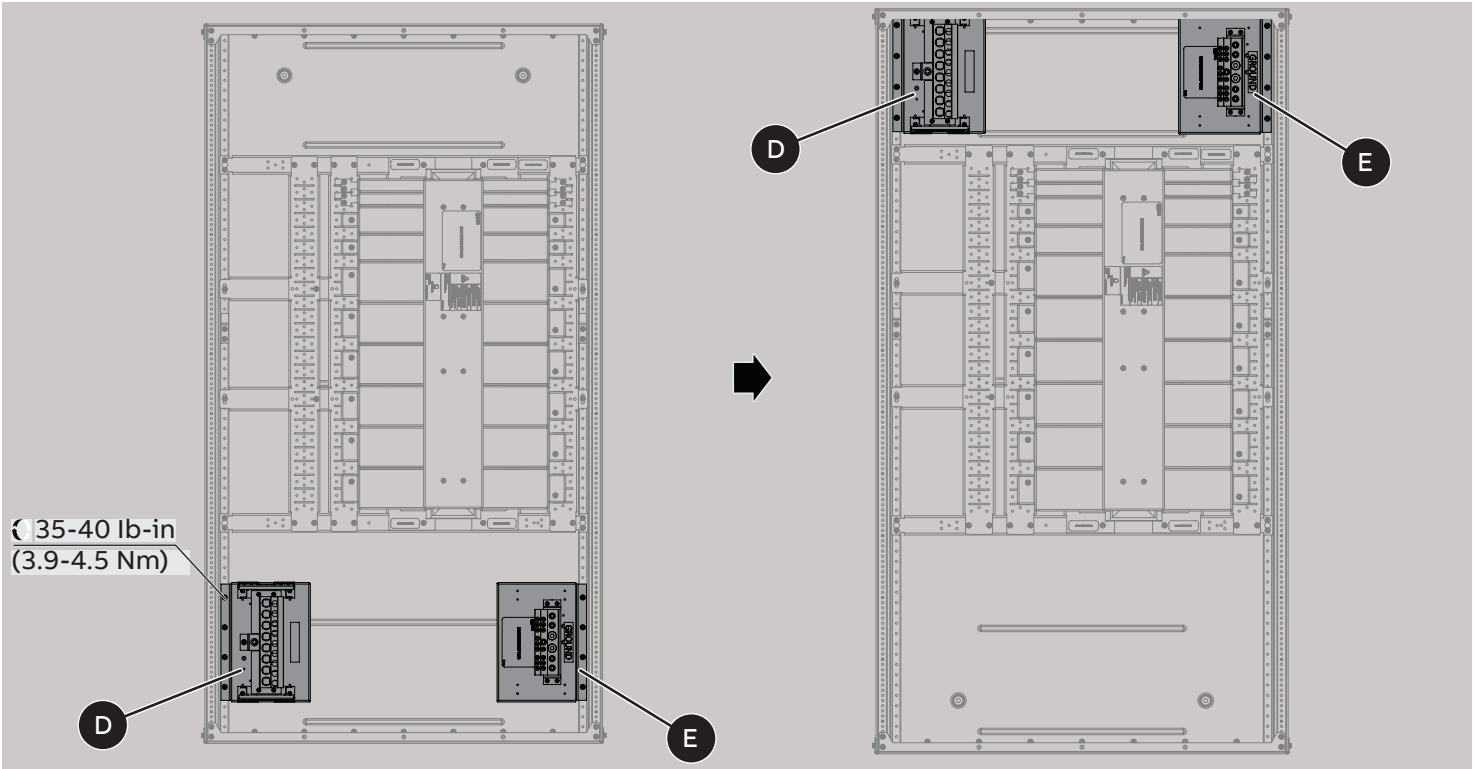
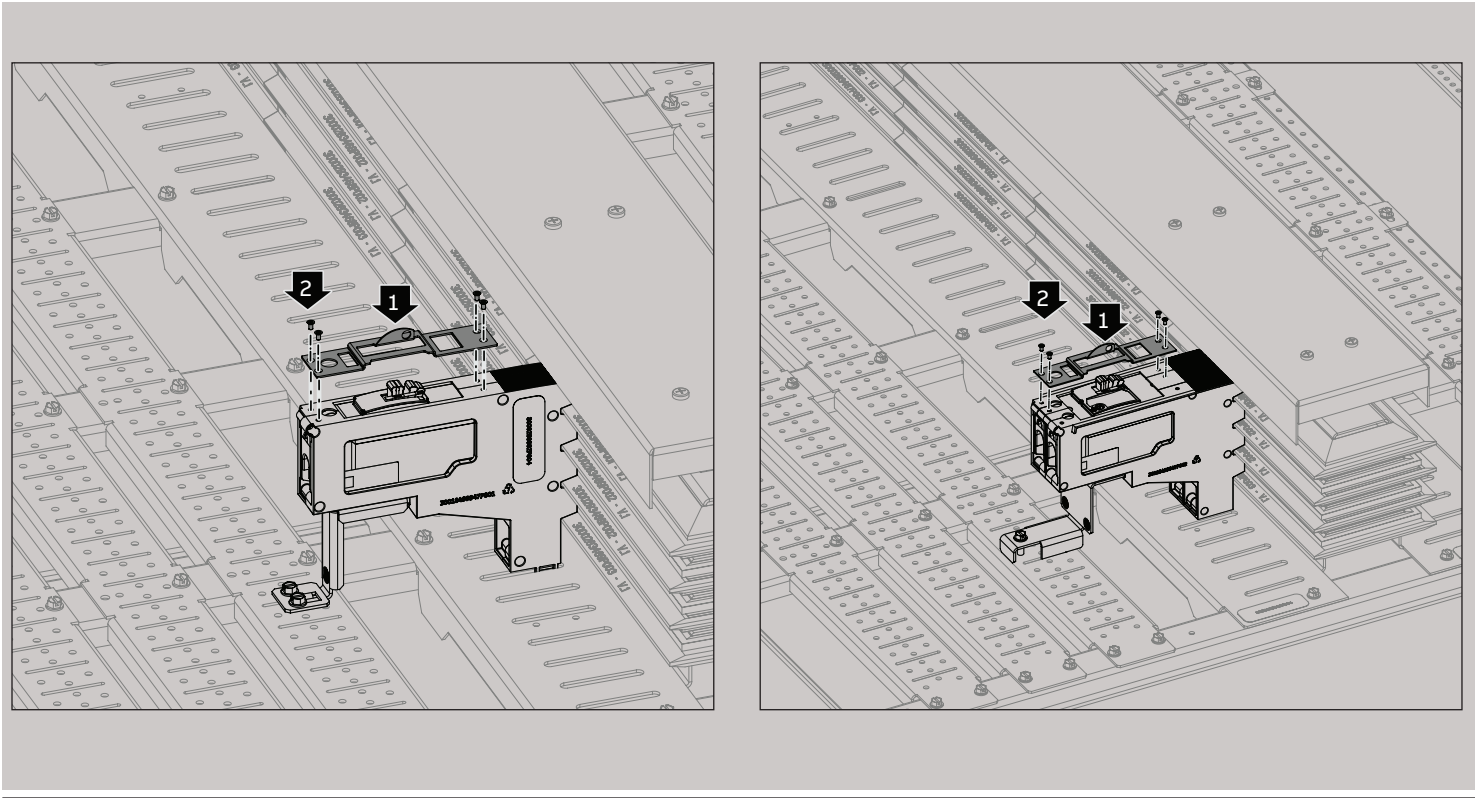


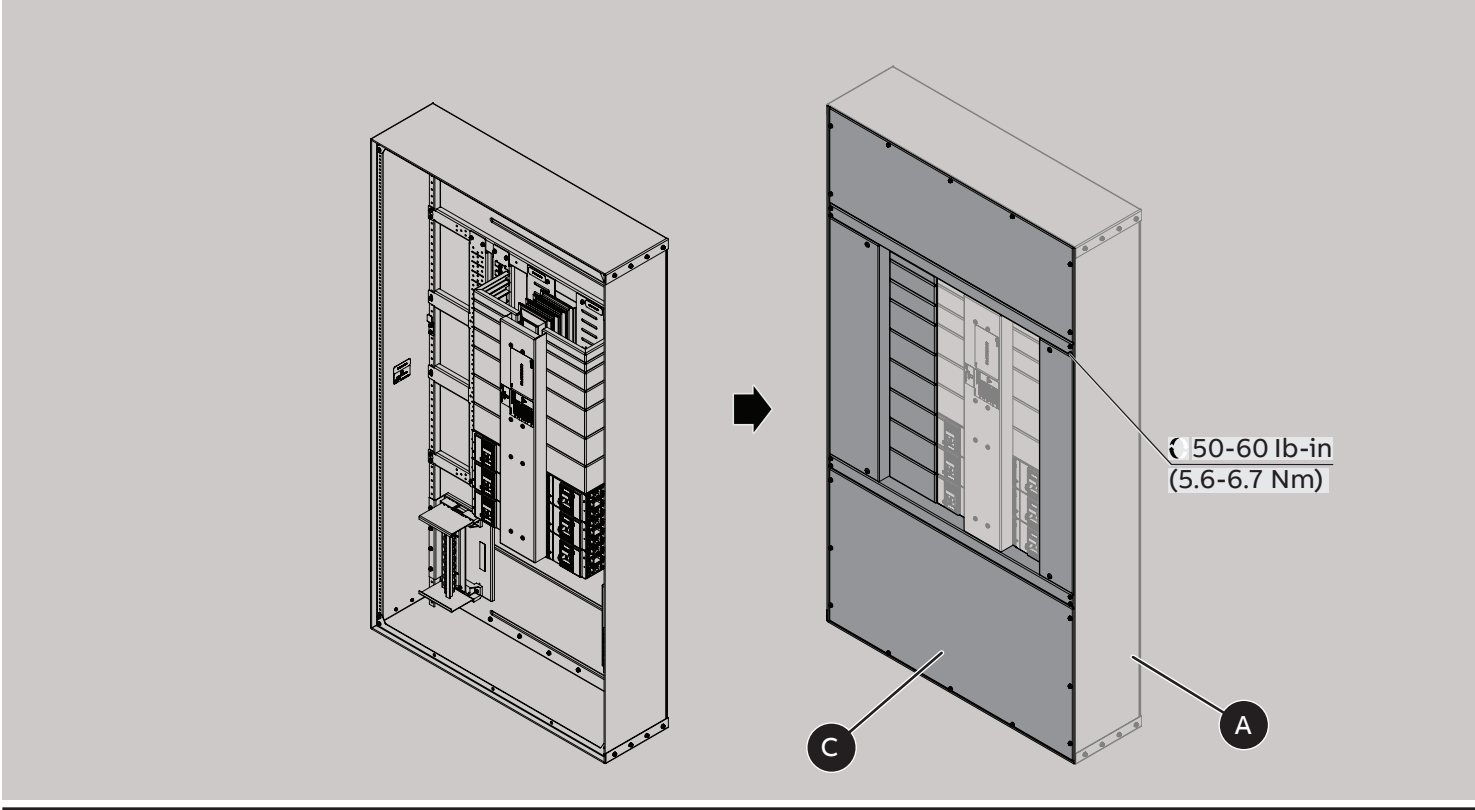
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## Horizontal feeder installation - TEY 2P









**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.

ABB Inc.  
305 Gregson Drive  
Cary, NC 27511

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