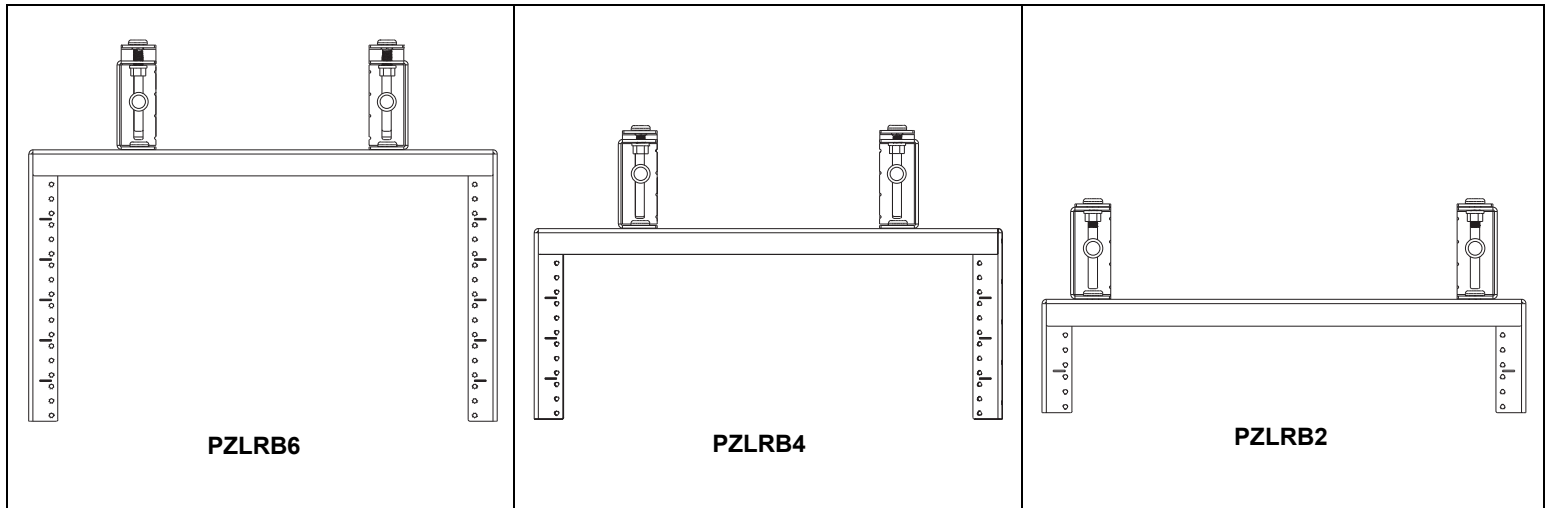


INSTALLATION INSTRUCTIONS CM358

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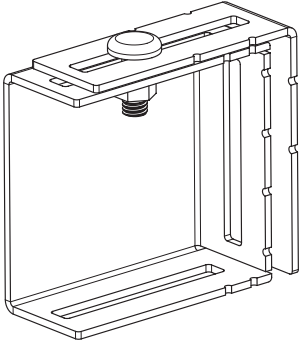
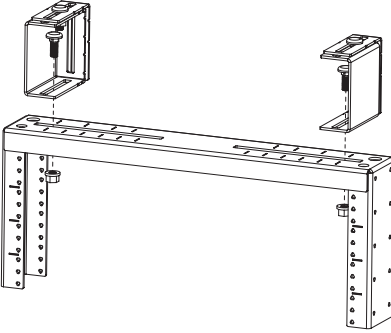
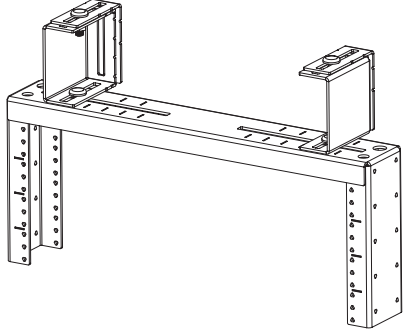
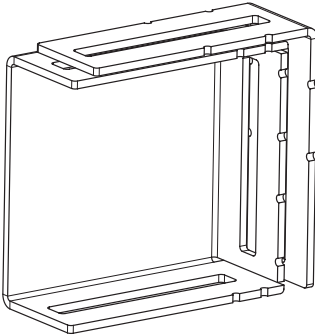
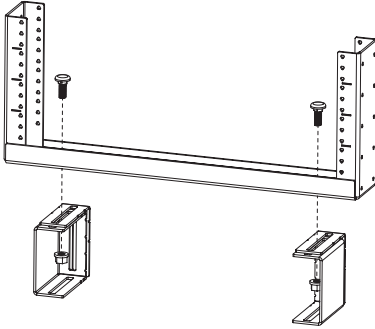
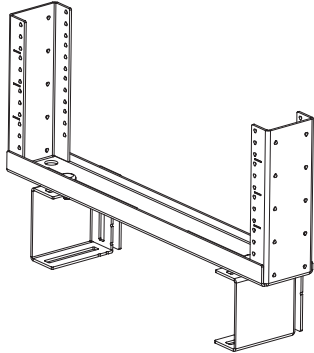
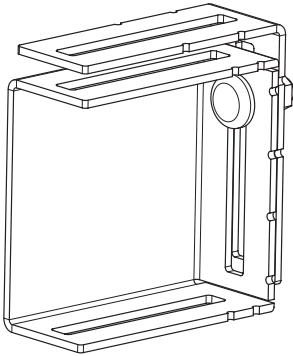
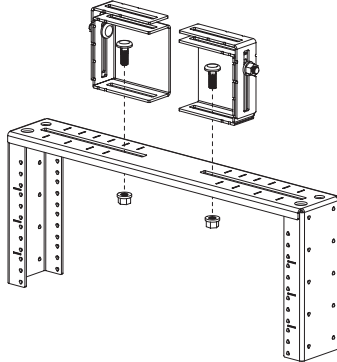
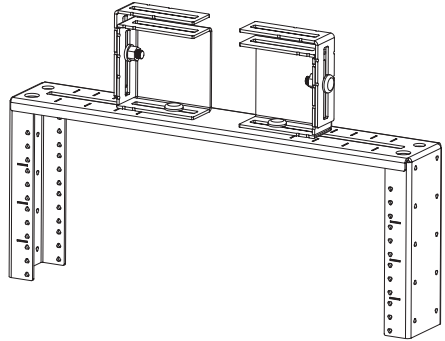
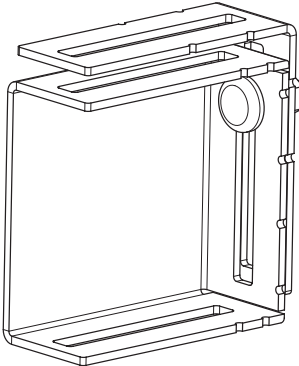
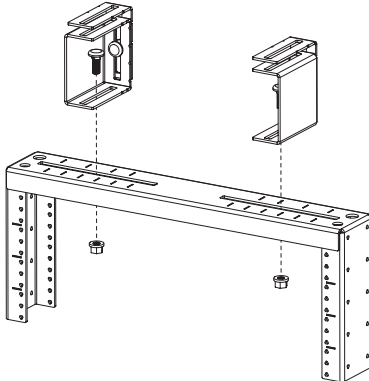
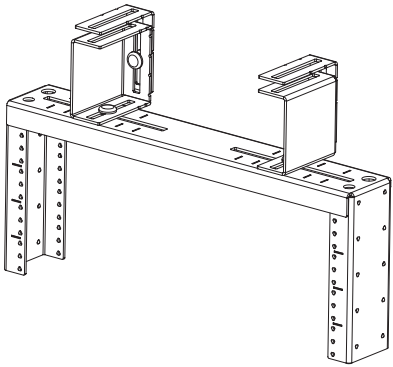
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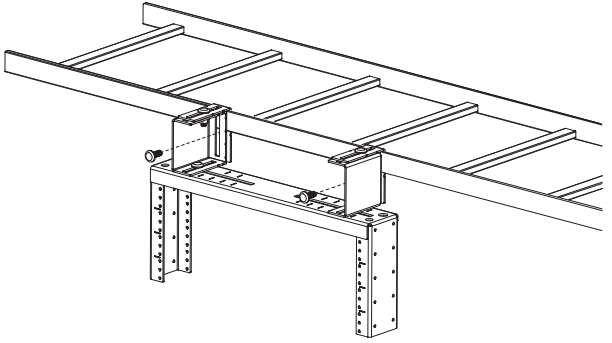
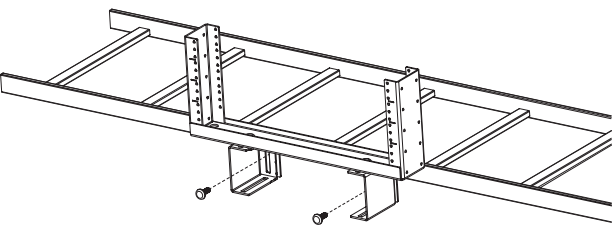
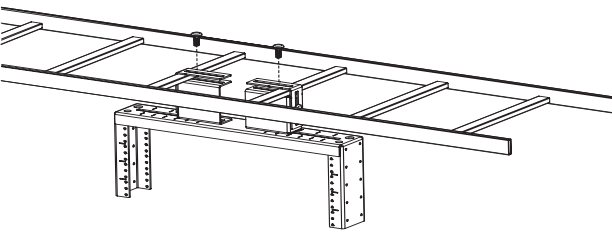
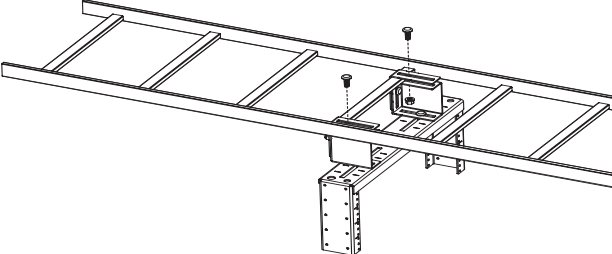
Component	Quantity	Part Number	Packs of #12-24 screws
PZLRB Main Bracket	1	PZLRB2	2
Square Mounting Bracket	2	PZLRB4	4
"L" Shaped Mounting Bracket	2	PZLRB6	6
3/8-16 Carriage bolt	6		
3/8-16 Carriage nut	6		

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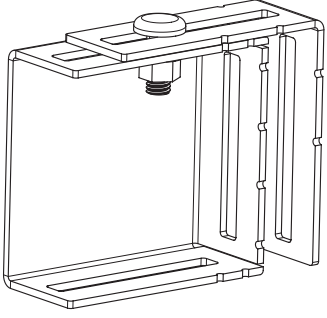
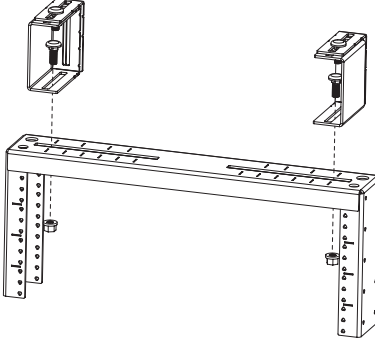
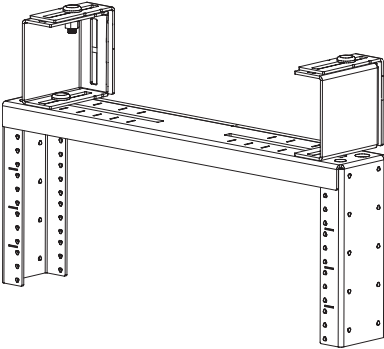
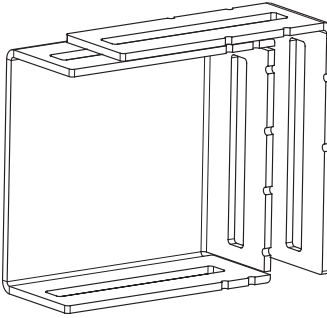
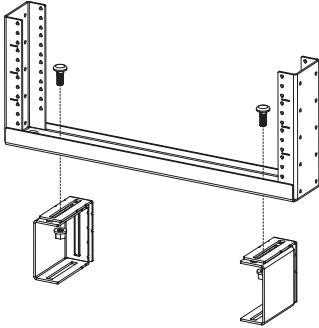
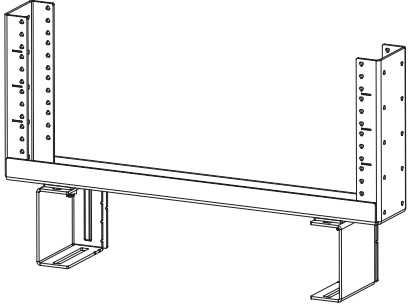
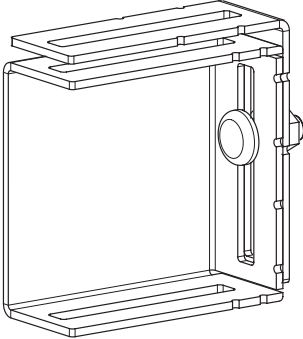
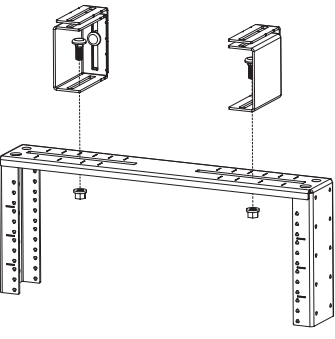
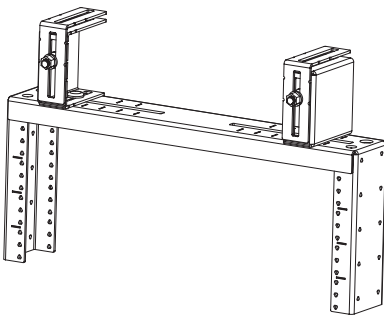
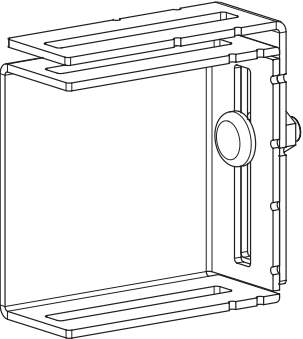
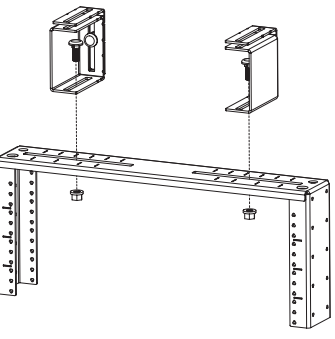
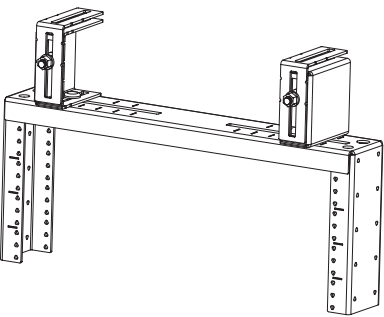
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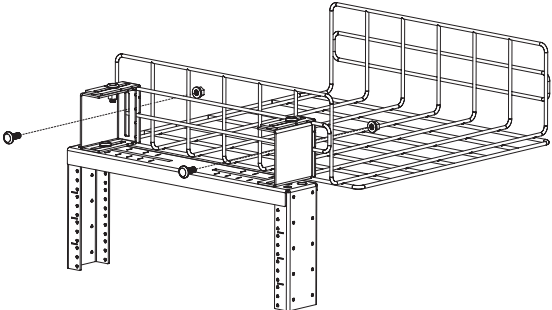
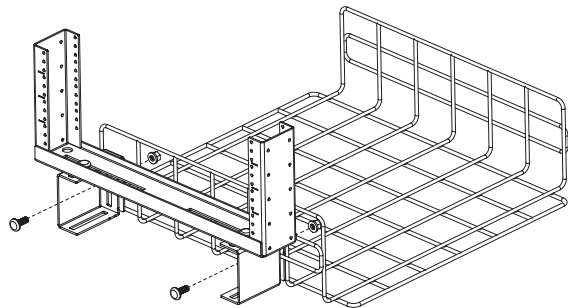
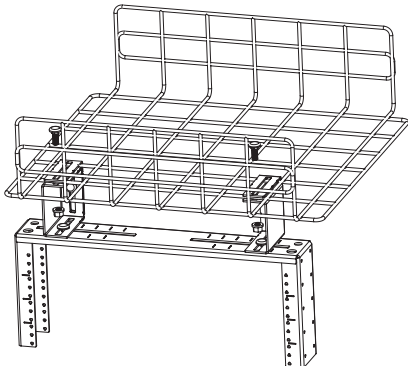
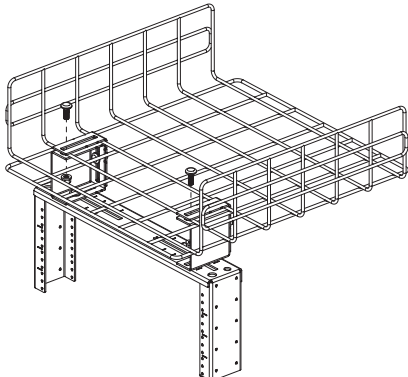
I. Mount on Ladder Rack

Ladder Rack		Align Mount Brackets	Position Mounting Brackets	Assemble PZLRB2/4/6
SIDE MOUNT	BELOW			
	ABOVE			
BOTTOM MOUNT	PARALLEL			
	PERPENDICULAR			

Mount PZLRB2/4/6	Special Instructions
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'A'. 2. Position mounting brackets as shown in section IV using the number '1' configuration. 3. After mounting the assembly, secure it to the ladder rack using carriage bolts.
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'A'. Do not use any hardware at this time! 2. Position mounting brackets as shown in section IV using the number '1' configuration. Secure the brackets using carriage bolts. 3. After mounting the assembly, secure it to the ladder rack using carriage bolts.
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'B' or 'C'. 2. Position mounting brackets as shown in section IV using the '2' or '3' configuration. While positioning the brackets, only tighten the brackets on one side of the main bracket and only finger-tighten the other set of brackets. Once assembled mount the fully tightened side to one of the rungs. Slide the other bracket (which was finger-tightened) such that it locks into position onto an adjacent center rung. Now fully tighten all nuts and bolts. 3. After mounting the assembly, secure it to the ladder rack using carriage bolts.
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'B' or 'C'. 2. Position mounting brackets as shown in section IV using the '2' or '3' or '4' configuration. 3. After mounting the assembly, secure it to the ladder rack using carriage bolts.

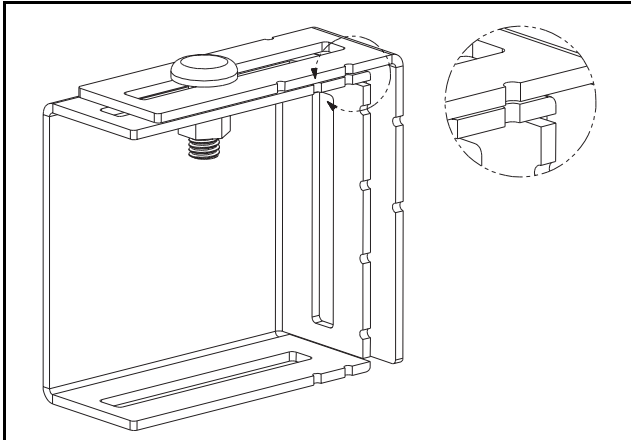
II. Mount on Cable Tray

Cable Tray		Align Mount Brackets	Position Mounting Brackets	Assemble PZLRB2/4/6
SIDE MOUNT	BELOW			
	ABOVE			
BOTTOM MOUNT	PARALLEL			
	PERPENDICULAR			

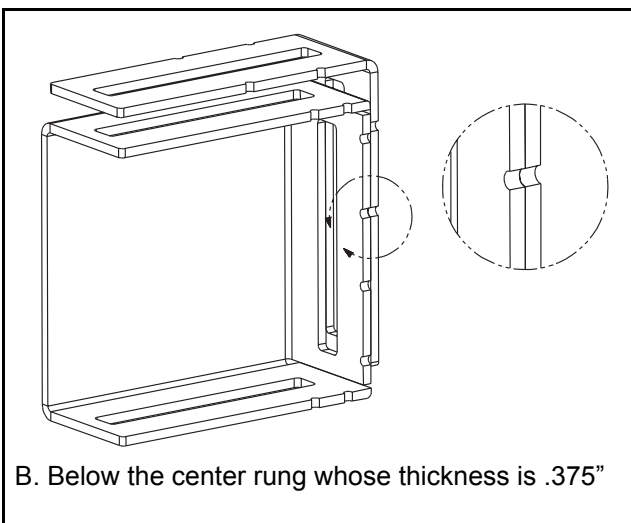
Mount PZLRB2/4/6	Special Instructions
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'E'. Only finger-tighten the nuts for now. 2. Position mounting brackets as shown in section IV using the number '1' configuration. 3. To mount the assembly onto the cable tray, put it up at an angle and slide it down. Once set, push the smaller brackets inwards (toward the cable tray) so that the brackets lock onto the sidewall. Now fully tighten all nuts and bolts. 4. After mounting the assembly, secure it to the ladder rack using carriage bolts.
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'E'. Do not use any hardware at this time! 2. Position mounting brackets as shown in section IV using the number '1' configuration. While positioning the brackets only finger-tighten the carriage bolts. 3. To mount the assembly onto the cable tray, put it up at an angle and slide it down. Once set, push the smaller brackets inwards (toward the cable tray) so that they lock onto the sidewall. Now tighten all nuts and bolts. 4. After mounting the assembly, secure it to the ladder rack using carriage bolts.
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'D'. 2. Position mounting brackets as shown in section IV using the number '1' configuration. 3. After mounting the assembly, secure it to the ladder rack using carriage bolts.
	<ol style="list-style-type: none"> 1. Align mounting brackets as shown in section III 'D'. 2. Position mounting brackets as shown in section IV using the number '1' configuration. 3. After mounting the assembly, secure it to the ladder rack using carriage bolts.

III. Alignment of Mounting Brackets

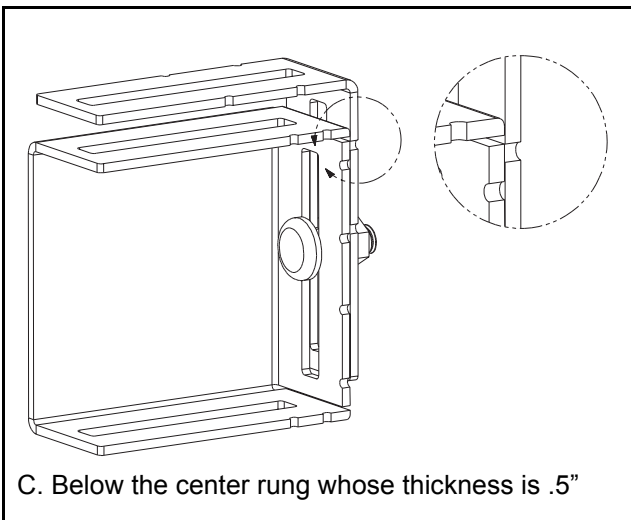
1. When Installing on Ladder Rack:



A. On side rail whose thickness is .375"

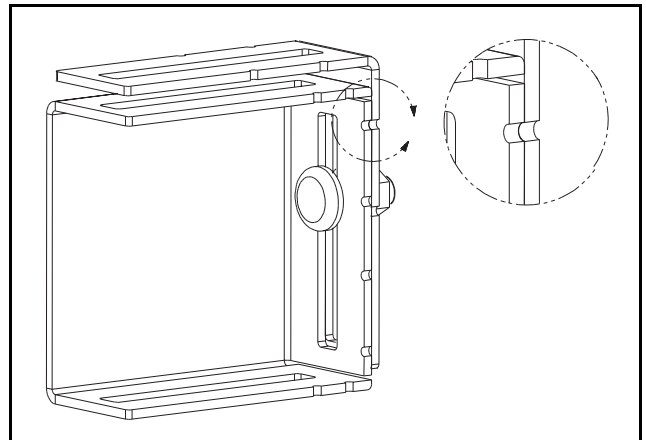


B. Below the center rung whose thickness is .375"

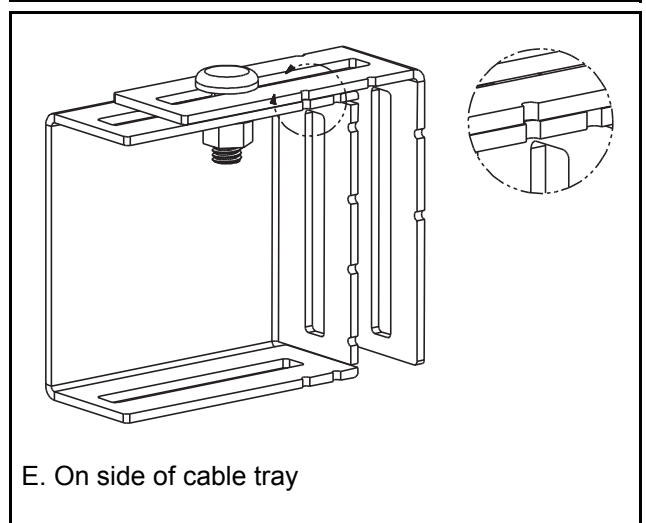


C. Below the center rung whose thickness is .5"

2. When Installing on Cable Tray:



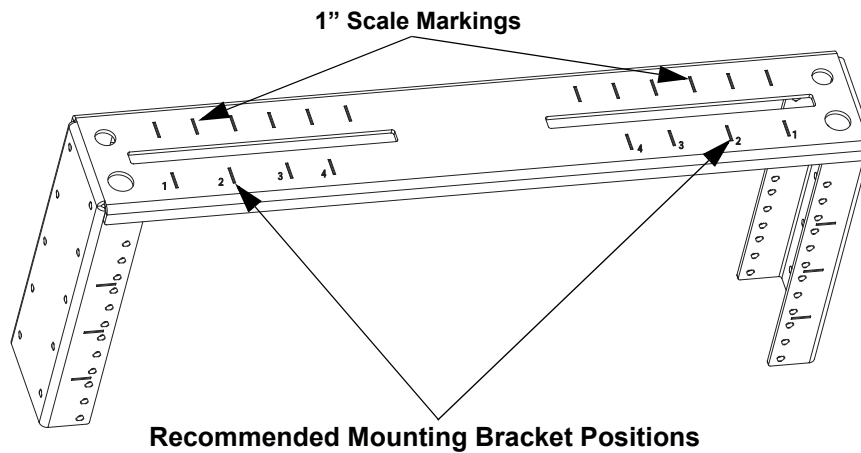
D. Below the cable tray



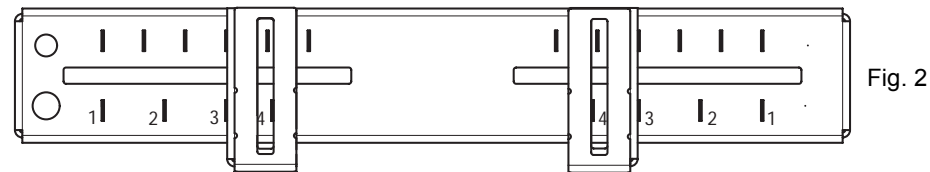
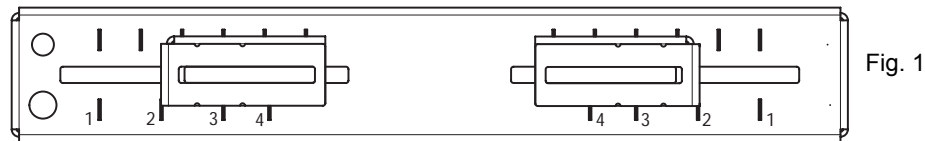
E. On side of cable tray

Note: Manual adjustment of the brackets may need to be done if using non-standard ladder rack or cable tray.

IV. Positioning of Mounting Brackets



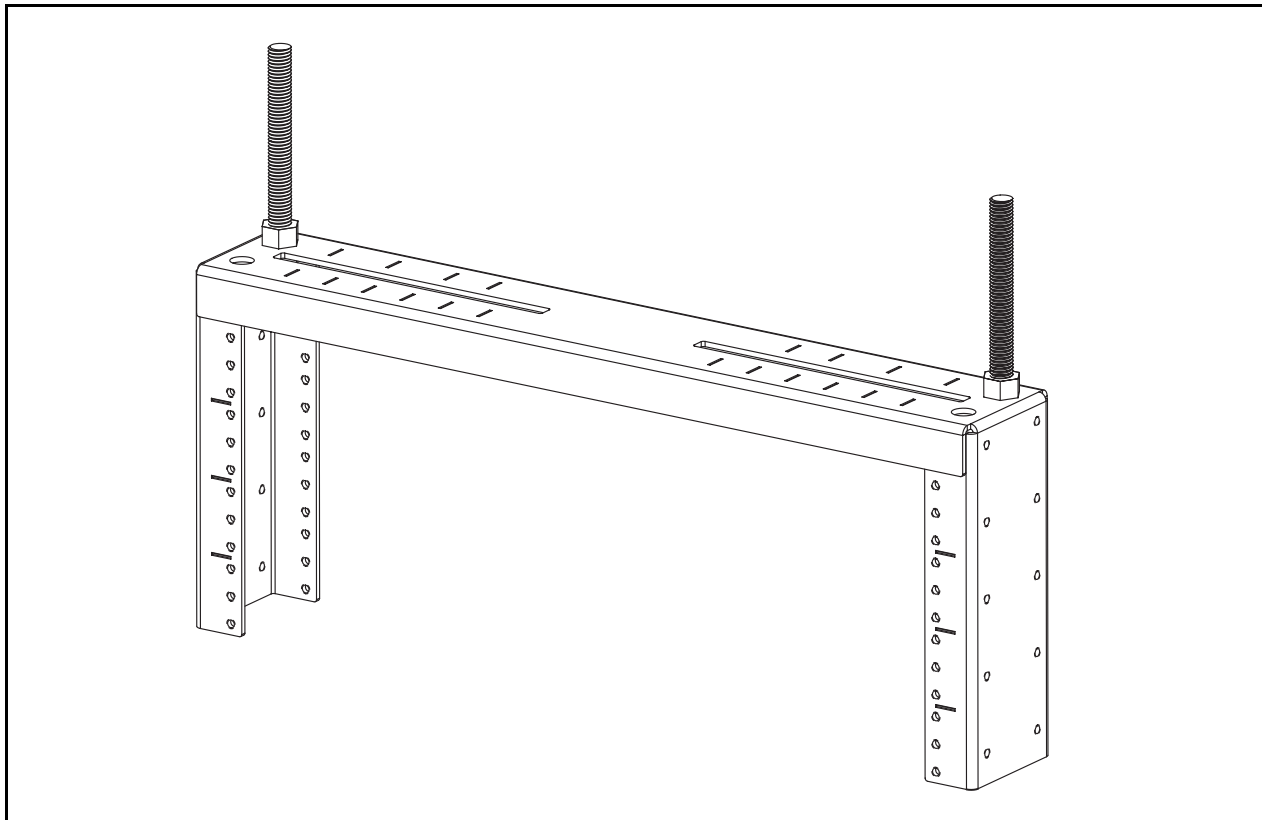
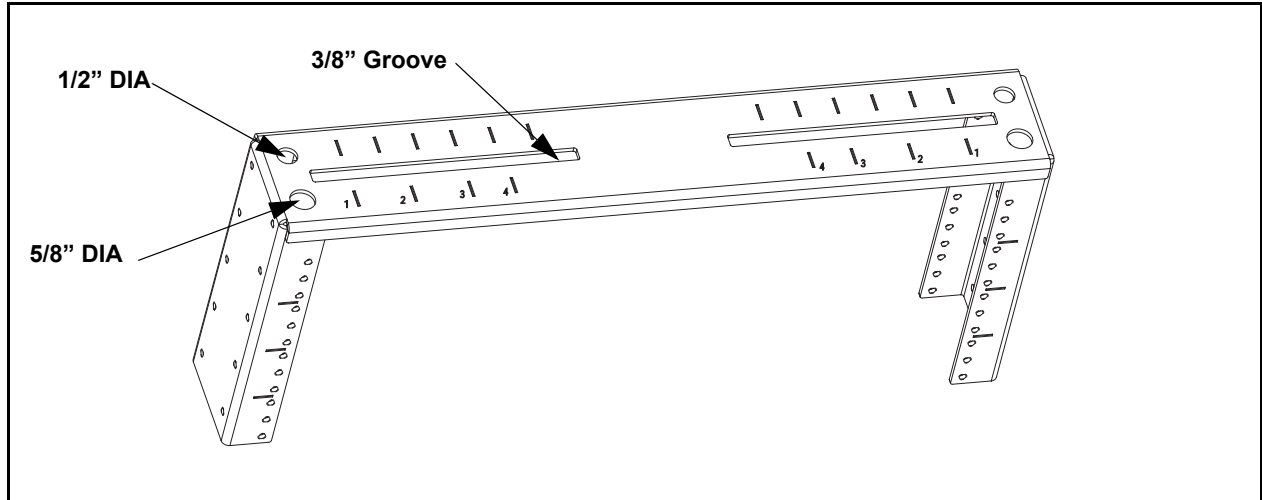
To use the markings, place the outsides of both the square brackets on the recommended markings. Fig. 1 shows how to use marking numbered '2'. Fig 2 shows another example in which the smaller brackets are placed using marking numbered '3'. Spacing '4' is the minimum recommended spacing for all cases. The one inch scale markings can also be used if preferred or if using non-standard ladder racks/cable trays. To use scale markings place square brackets equal distance apart from the center using the scale as a reference.



ORIENTATION	RECOMMENDED NOTCHES	RECOMMENDED MARKINGS
Below the side rail of Ladder Rack	A- For side rail thickness of .375"	1
Above the side rail of Ladder Rack	A- For side rail thickness of .375"	1
Below the Ladder Rack using one rung as support	B- For center rung thickness of .375" C- For center rung thickness of .5"	2- for ladder racks wider than 14" 3- for ladder racks wider than 11" 4- for ladder racks less than 8" wide
Below the Ladder Rack using two rungs as support	B- For center rung thickness of .375" C- For center rung thickness of .5"	2- for center rungs 12" apart 3- for center rungs 9" apart
On the side of Cable Tray oriented downwards	E	1
On the side of Cable Tray oriented upwards	E	1
Below Cable Tray	D	1

V. Mount Using Threaded Rods

The main bracket can accommodate threaded rods of 1/2", 3/8" and 5/8" diameters. Place two threaded rods into the holes provided on top of the main bracket and secure it using 4 nuts (not provided). Note that the 3/8" rod has no specific hole for the threaded rod. It just slides in the slots and can be adjusted accordingly (Symmetrical installation is highly recommended in this case).



For instructions in Local Languages
and Technical Support:

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