

Nano Roll

Installation Instructions

Power: 110v AC - 485 / RTS

(Size: 375 / 475)



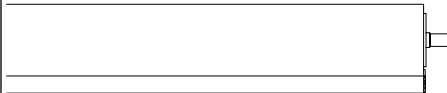

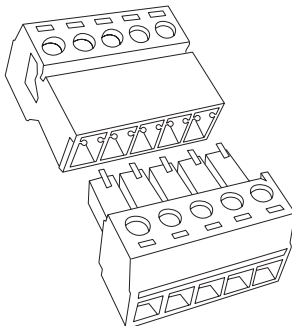
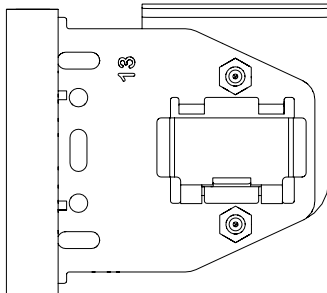
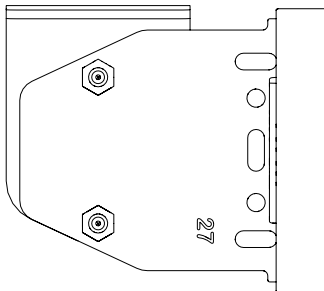
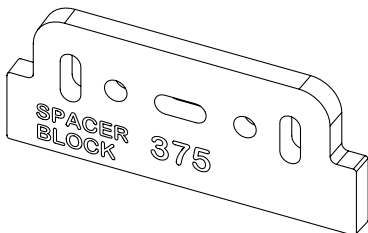
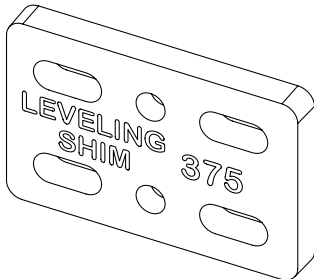
INSTALLERS: Please leave this manual with the owner.



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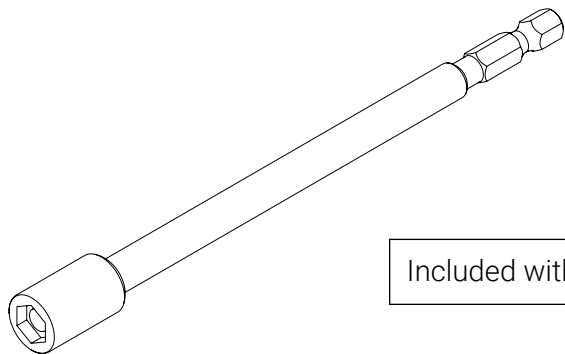
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PARTS LIST - NANO ROLL - 110v AC - 485 / RTS

<div>Shades</div> <div>375 Roll</div> <div>475 Roll</div>	<div>Terminal Blocks</div> <div></div>
<div>Wall Brackets (375 / 475) + End Caps</div> <div>Motor Side</div> <div>Idler Side</div> <div>Screws included (3 per bracket)</div>	
<div>Spacer Blocks (optional)</div> <div></div>	<div>Leveling Shims (optional)</div> <div></div>
<div>Note: For more information about these tools and their use, please call Tech Support at 512.832.6939 Opt. 1</div>	

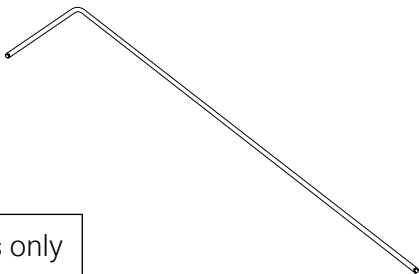
ADDITIONAL ACCESSORIES

5/16" Magnetic Driver

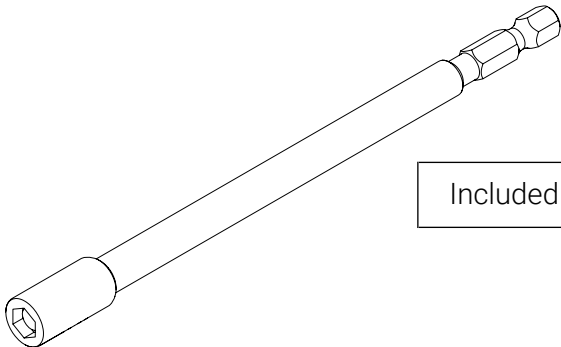


Included with 375 / 475 series only

Set Screw Hex Tool (1/16")



1/4" Magnetic Driver

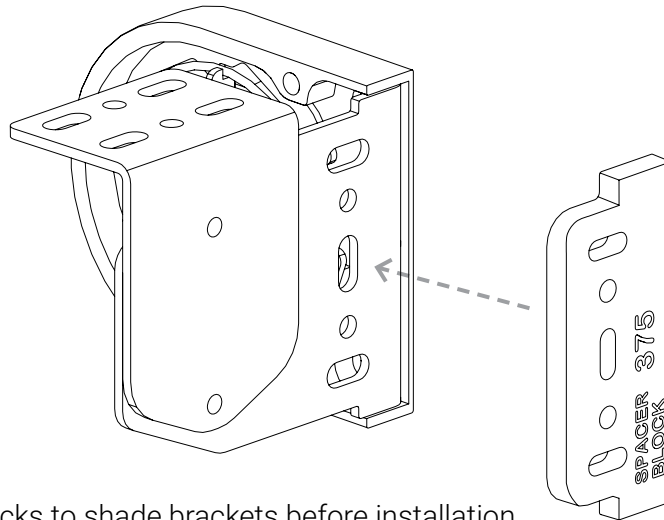


Included with 275 series only

Note: For more information about these tools and their use, please call Tech Support at 512.832.6939 Opt. 1

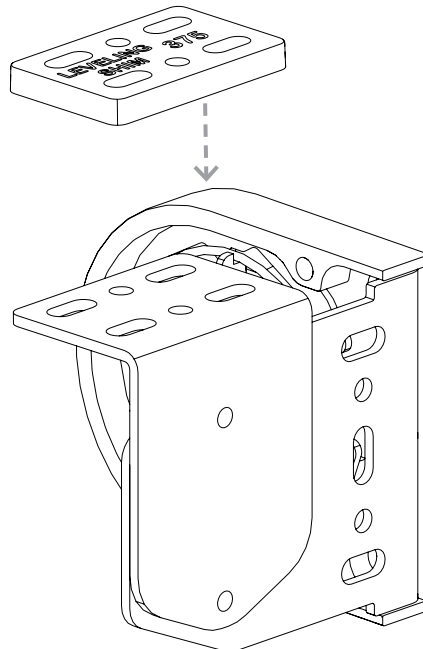
SPACER BLOCKS AND LEVELING SHIMS (OPTIONAL)

Spacer Blocks - used to clear an obstruction in the fabric path.



Connect spacer blocks to shade brackets before installation.
Note: Do not use more than 4 spacer blocks per bracket.

Leveling Shims - used if the window frame is out of level.

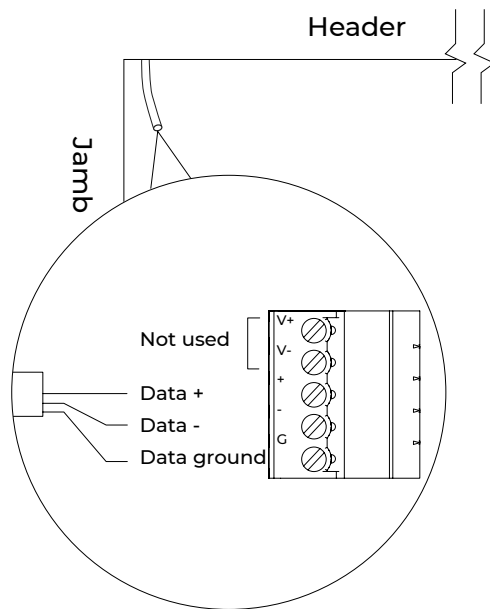


Connect to shade brackets before installation
Note: Do not use more than 2 leveling shims per bracket.

PREWIRE - 375 / 475 SERIES - (110v AC - 485 ONLY)

Note: Skip this pre-wiring step if you have a 110v AC - RTS

If: 110v AC 485

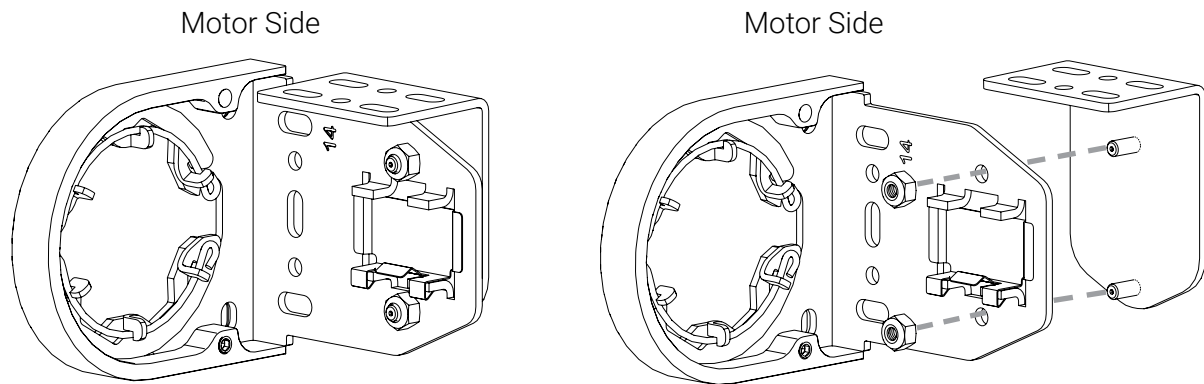


Never connect line voltage power to the supplied terminal block.

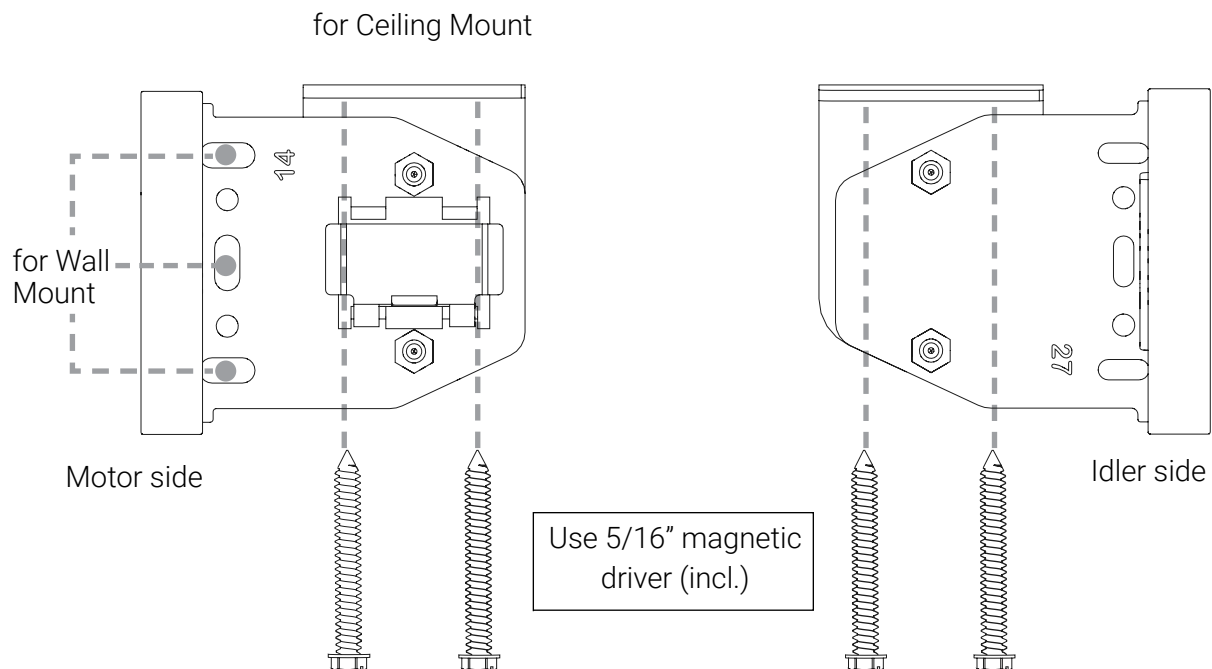
INSTALLATION - 375 / 475 SERIES (110v AC - 485 / RTS)

Note: Before installing the shades, verify whether the shade was ordered as standard roll or reverse roll. Though illustrations in this manual show standard roll shades, the installation for reverse roll shades is the same.

1. If mounting to a wall, remove the ceiling flange from motor and idler brackets

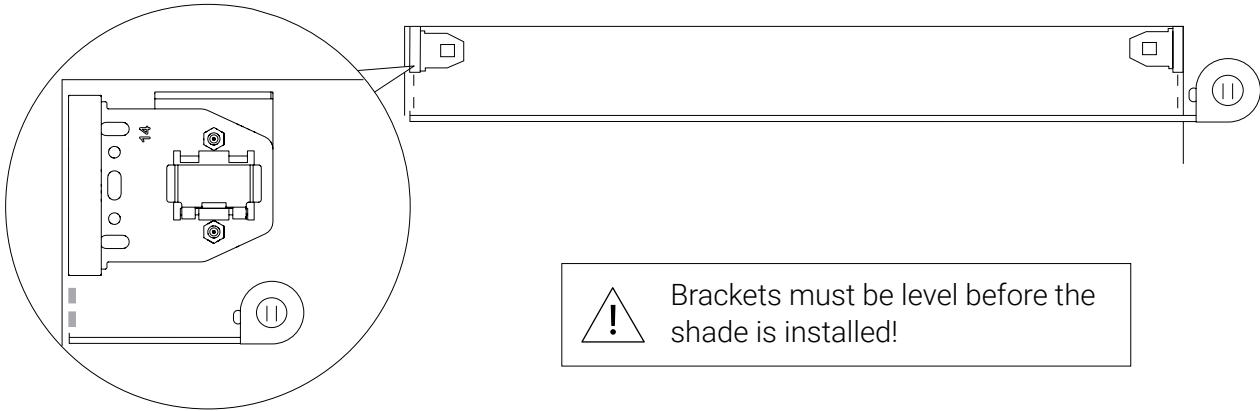


2. Install wall bracket/end cap assembly with the supplied screws

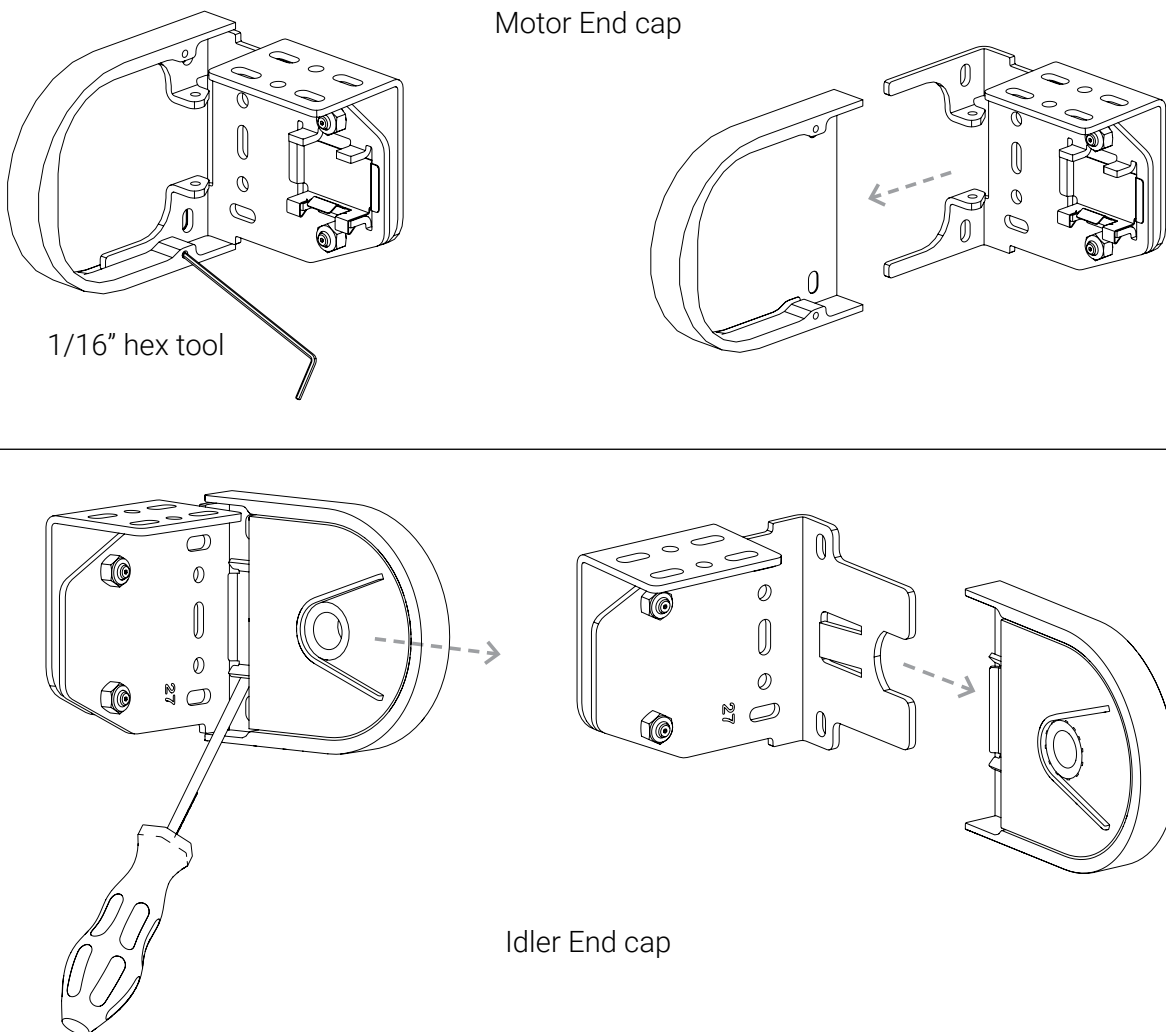


INSTALLATION - 375 / 475 SERIES (110v AC - 485 / RTS)

3. Measure bracket to bracket width and verify it matches the ordered width. Adjust accordingly.

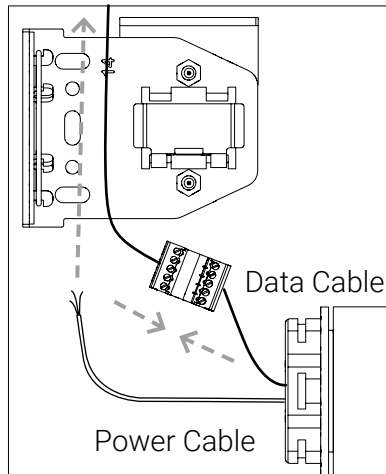


4. Remove both end caps

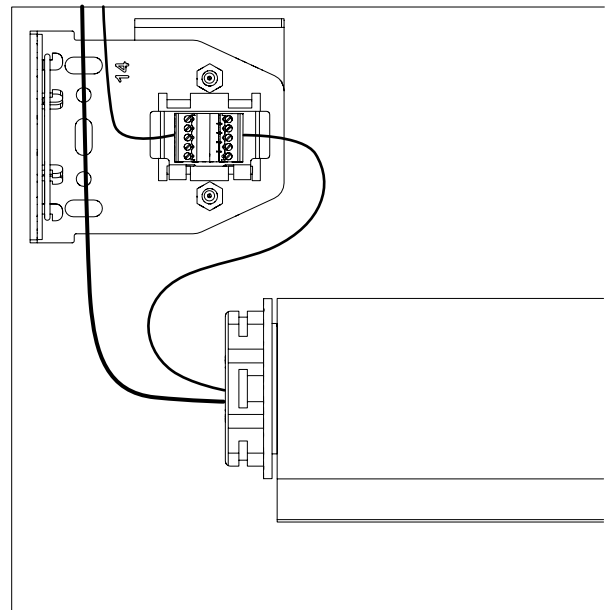


WIRING - 375 / 475 SERIES - 110v AC - 485 ONLY

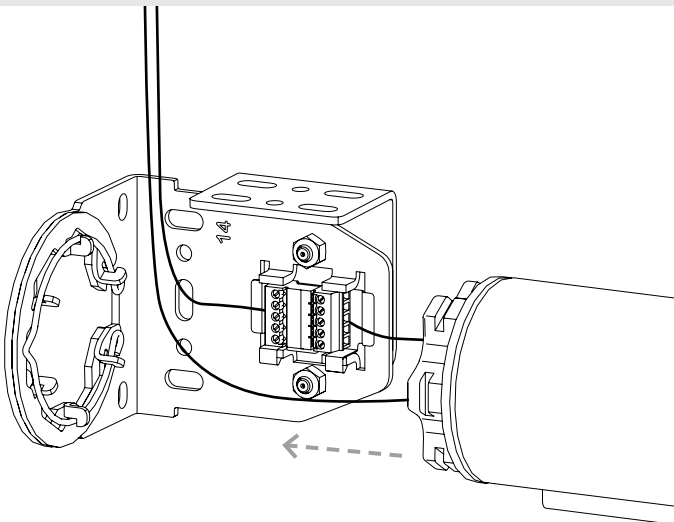
1. Push power cable into pre-wire hole and connect shade and pre-wire, snap terminal block into spring clip.



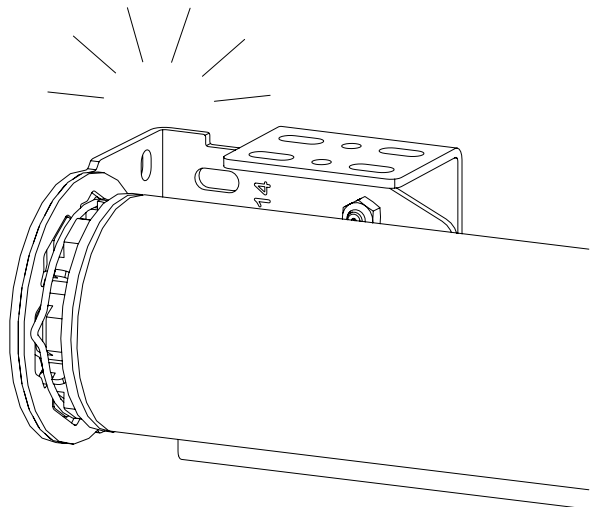
Note: Motor cable is not plenum rated. Terminate accordingly.



2. Align and fasten motor side.



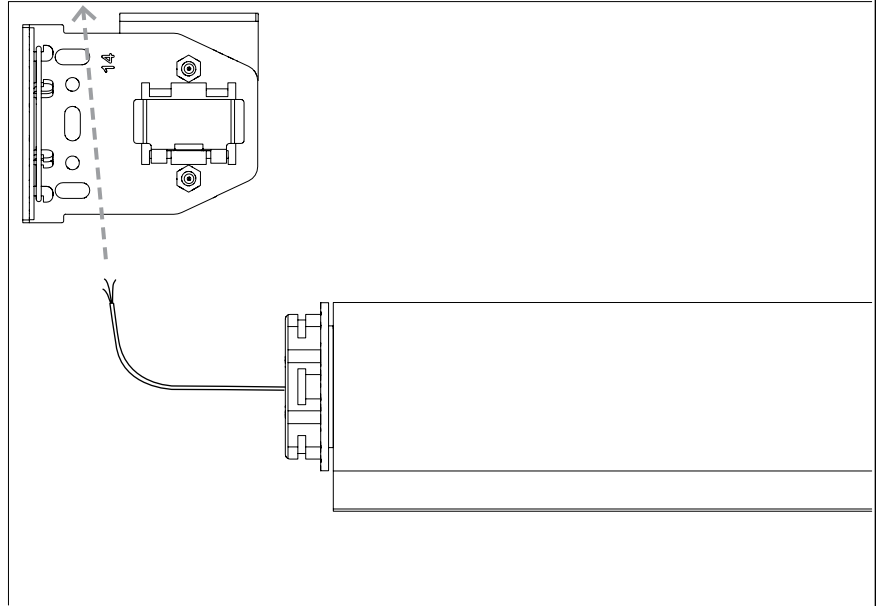
There will be an audible click.



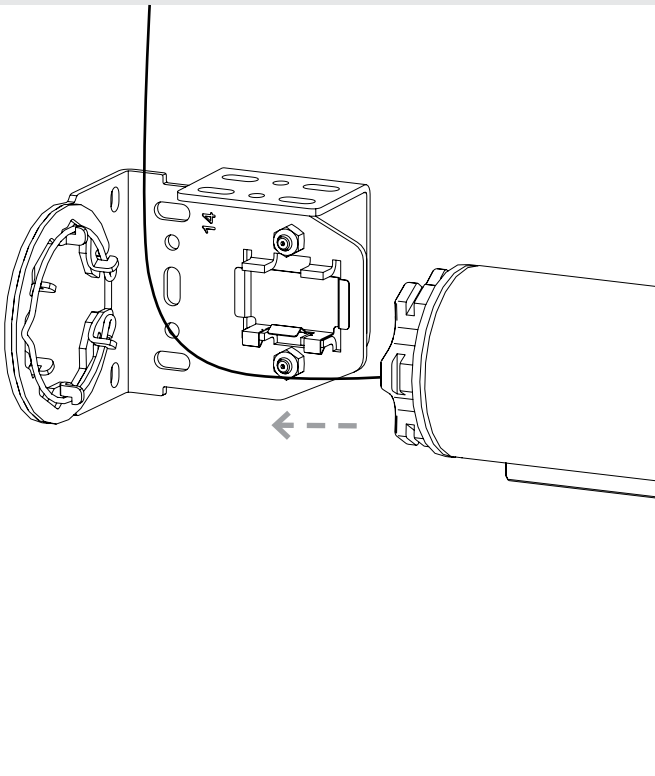
WIRING - 375 / 475 SERIES - 110v AC - RTS ONLY

1. Push power cable into pre-wire hole

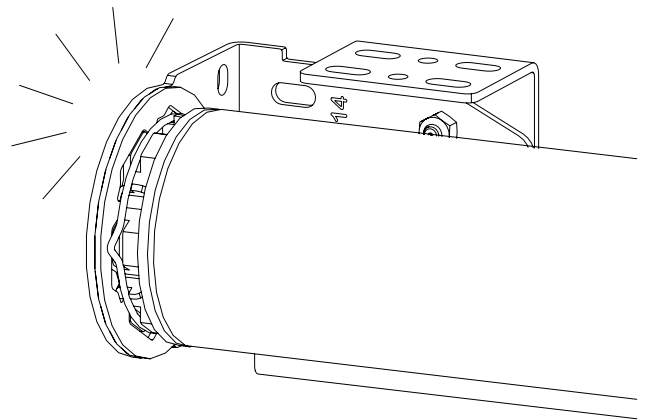
Note: Motor cable is not plenum rated. Terminate accordingly.



2. Align and fasten motor side.

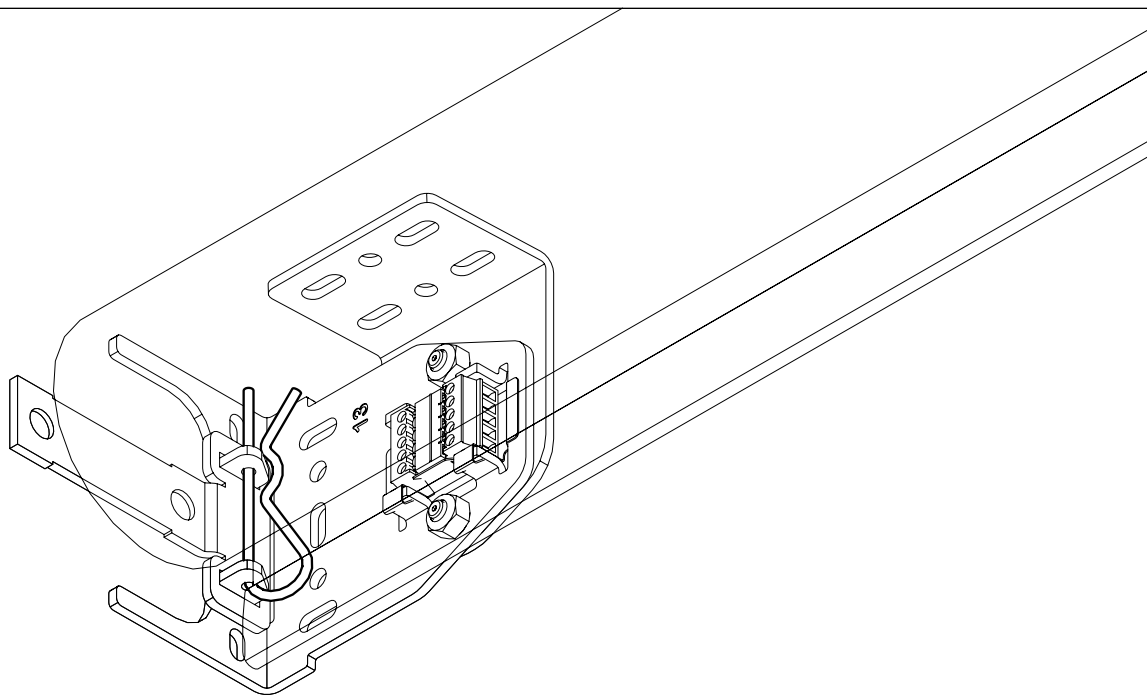
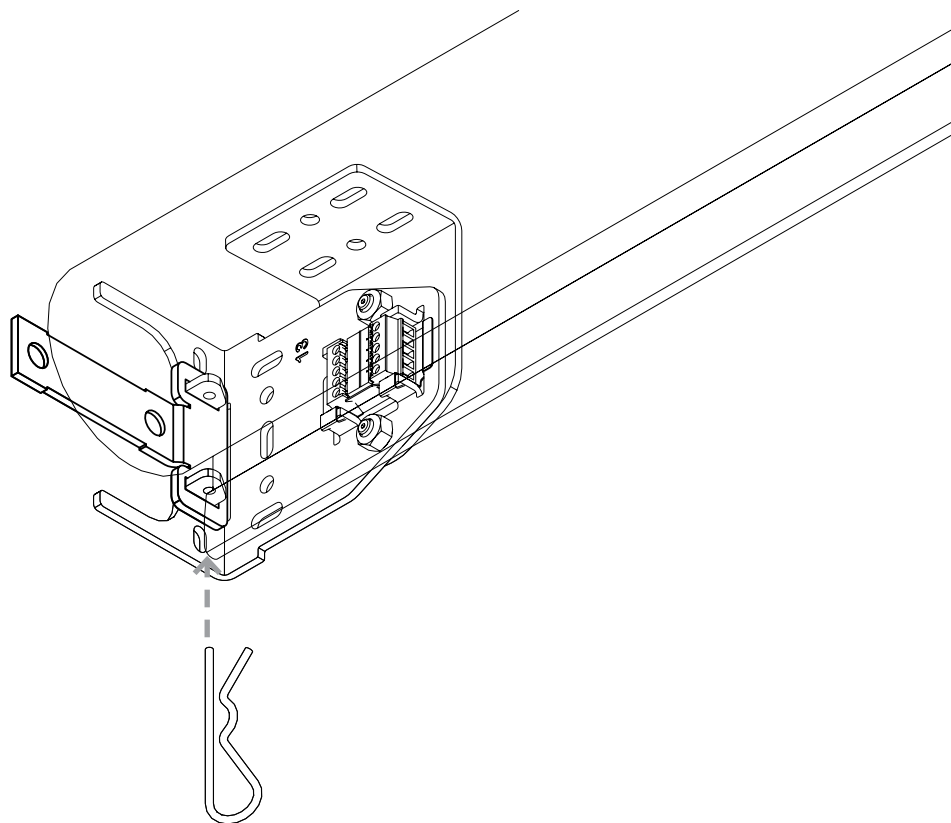


There will be an audible click.



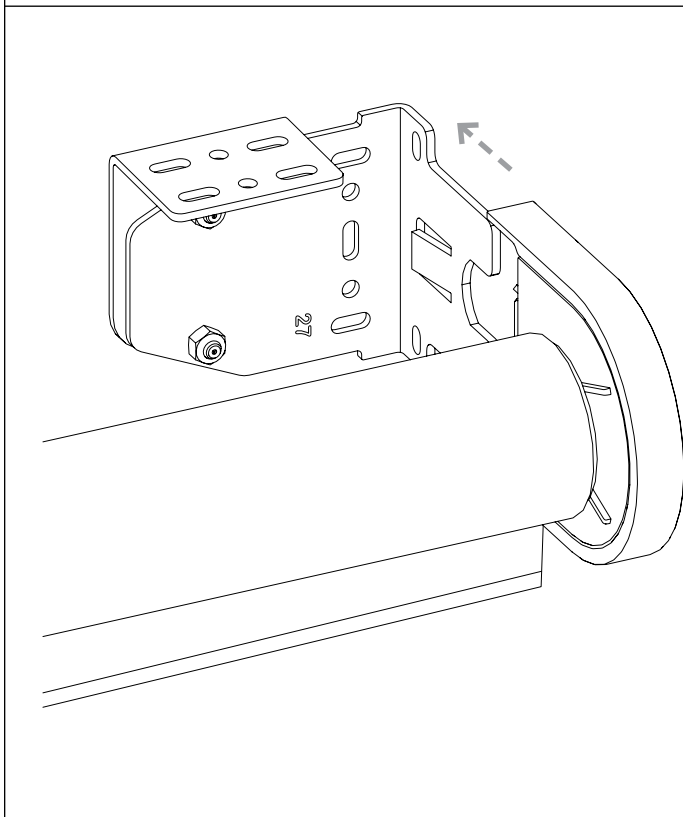
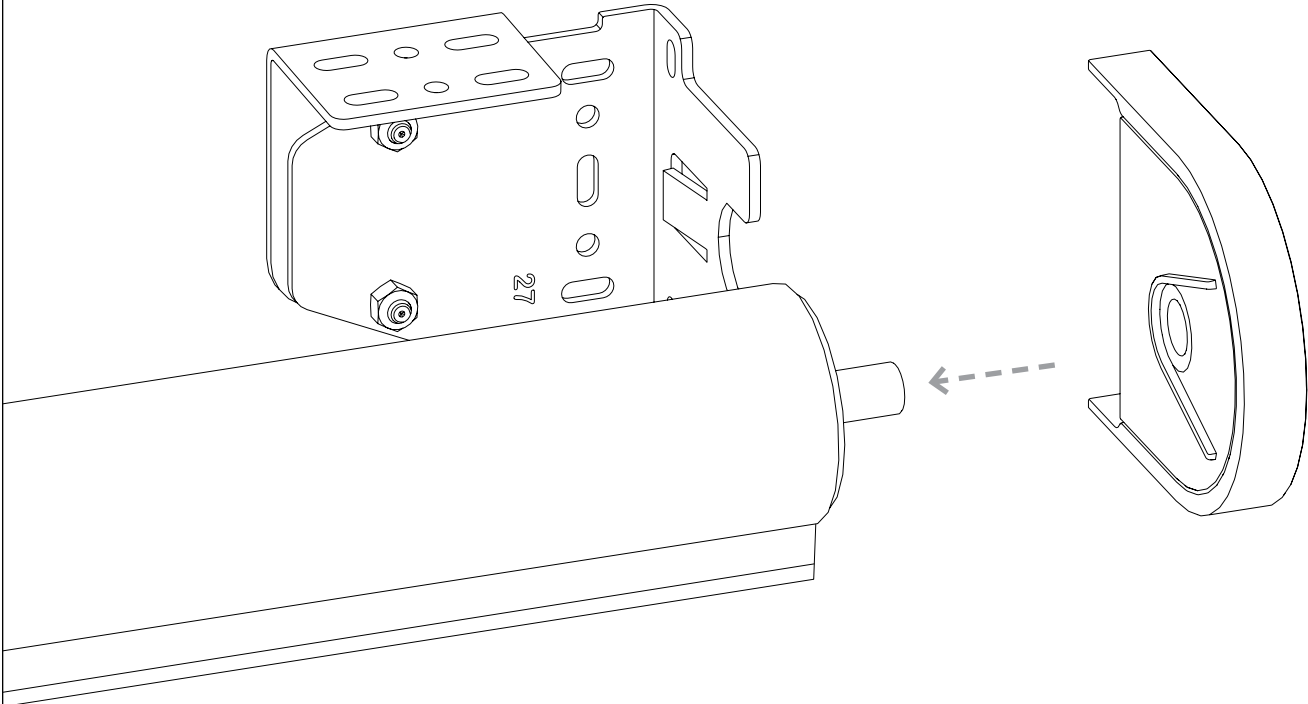
INSTALLATION - 375 / 475 SERIES (110v AC - 485 / RTS)

5. Make sure the motor head bracket is fully seated. Secure with cotter pin.

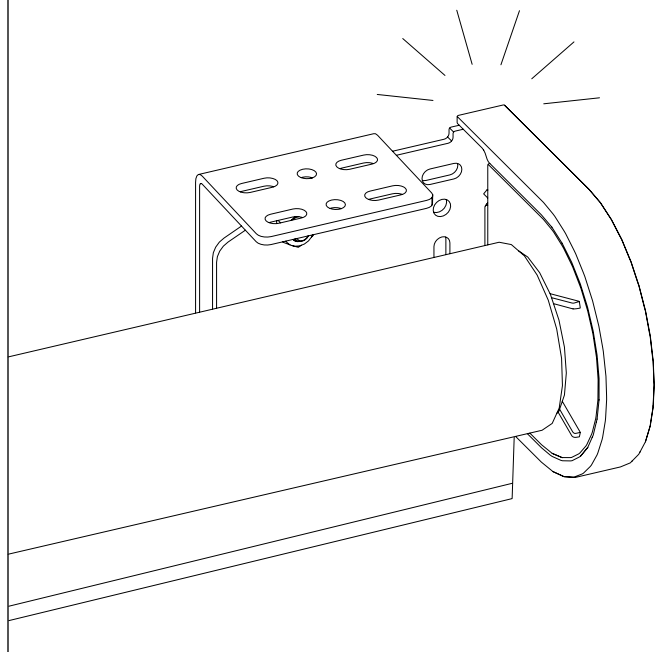


INSTALLATION - 375 / 475 SERIES (110v AC - 485 / RTS)

6. Put idler end cap over idler and snap into place.

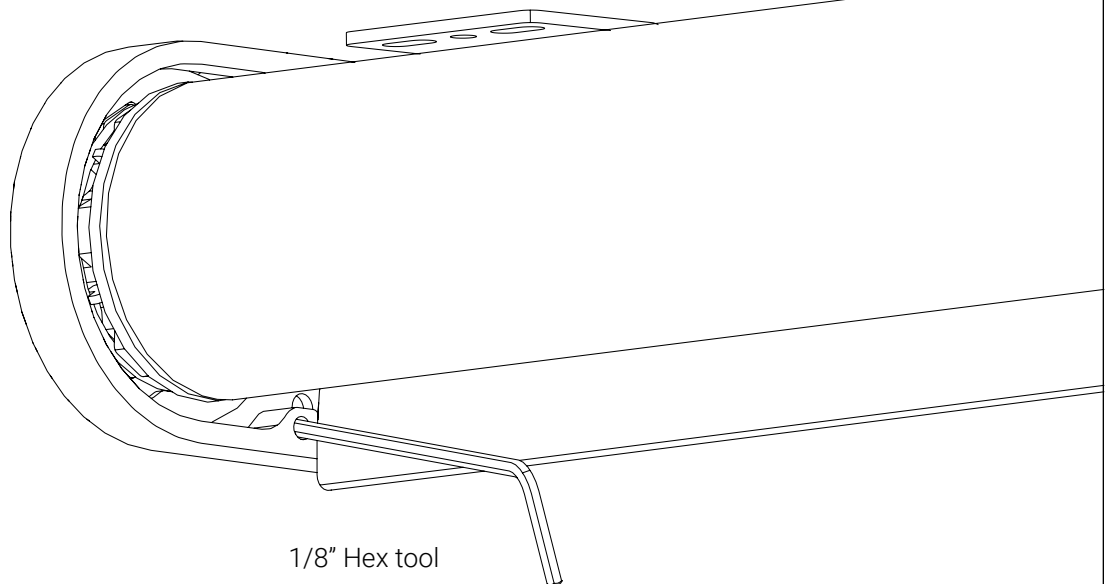
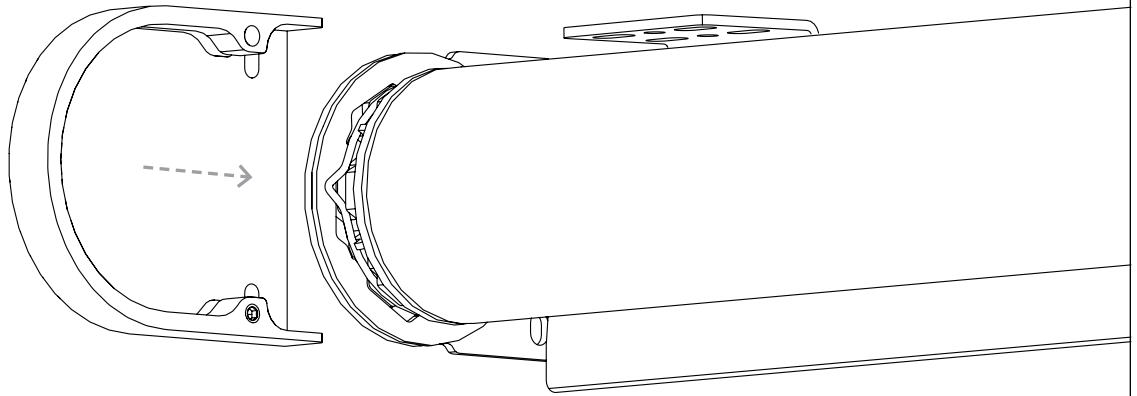


There will be an audible click.



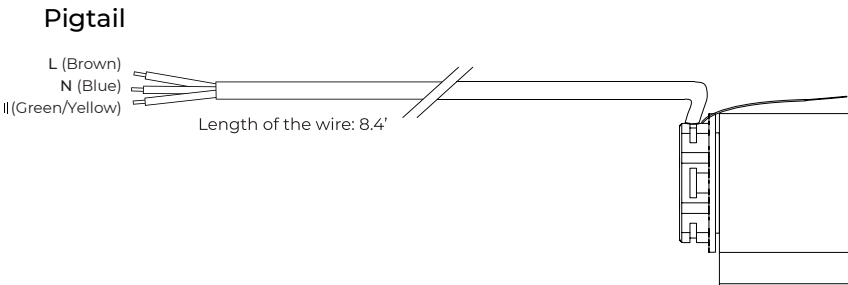
INSTALLATION - 375 / 475 SERIES (110v AC - 485 / RTS)

7. Replace and fasten motor end cap

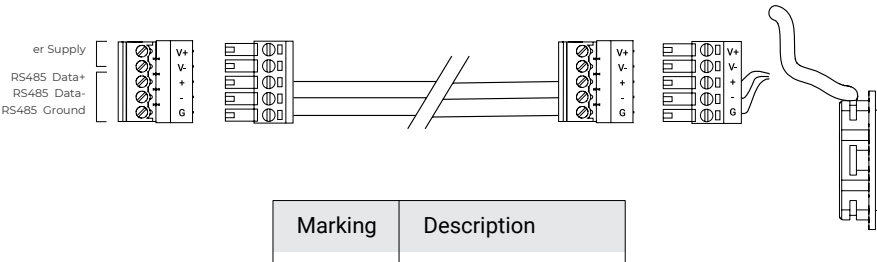


AC CONTROL – WIRING

AC Wiring (AC Motor)



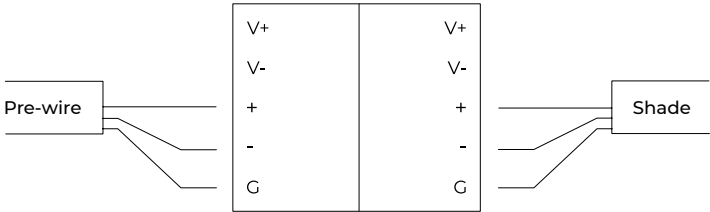
485 Control Wiring (AC Motor)



Marking	Description
V+	NA
V-	NA
+	485 Data Positive
-	485 Data Negative
G	485 Data Ground

WIRE CONSIDERATIONS – NANO ROLL

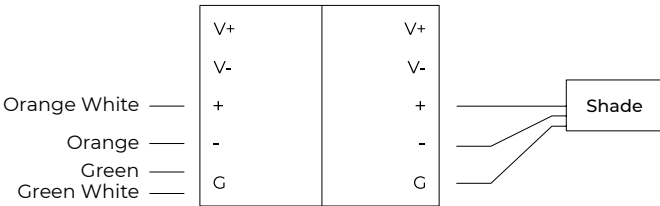
485 Data – Using 3 Conductor Wire



Wire Gauge (AWG)	Maximum Supported Wire Length (FT.)
14	250
16	150
18	100

485 Data – Using UTP Wire

Wire between Janus terminal block face and the motor only.



Wire Gauge (AWG)	Supported Wire Length (FT.)
24 w/o Spike	150 (275 Shade)
	100 (375 Shade)
24 w Spike	300 (275 Shade)
	150 (375 Shade)

COMMISIONING GUIDE REFERENCE

Motor Quick Commissioning Guide:

Based on your order, refer the motor (485/ RTS) your screen uses.
Scan the QR code, alternately use the link below to access
<https://files.screeninnovations.com/Downloads/Programming+Guides/quick-motor-commissioning-guide.pdf>



CONTROLS GUIDE REFERENCE

With your screen order, you shall receive one of the below mentioned Controls Guides which will walk you through integrating with control system.

Fontus Screen Control Guide (Dry Contact, 12v Trigger, IR):

Scan the QR code, alternately use this link to access
<https://files.screeninnovations.com/Downloads/Installation+Instructions/Connectivity/fontus-screen-control-installation-instructions.pdf>



TRO.Y Installation Instructions (RS232, IP Control, 3rd party Control system):

Scan the QR code, alternately use this link to access
<https://files.screeninnovations.com/Downloads/Installation+Instructions/Connectivity/troy-installation-instructions.pdf>



LinkPro Z Installation Instructions (IP Control, 3rd party Control system):

Scan the QR code, alternately use this link to access
<https://files.screeninnovations.com/Downloads/Installation+Instructions/Connectivity/LinkProZ-installation-instructions.pdf>



Scan this QR Code to access the updated installation instructions and related documents.

Technical Support: 512.832.6939 screeninnovations.com
Hours of Support: 7:30am - 5pm CST shadesupport@screeninnovations.com



Screen Innovations

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