

# Wire Guide INSTALLATION MANUAL

v5.0 | September 2023



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#### **DISCLAIMER**

#### INTRODUCTION

This installation manual for Wire Guide System has been produced by Rollease Acmeda to supply the necessary information for the safe and correct installation of Wire Guide System.

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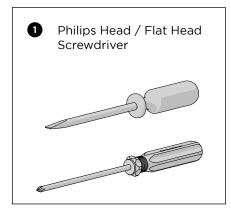
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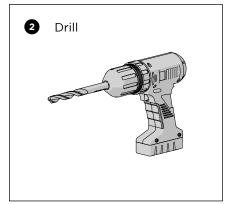
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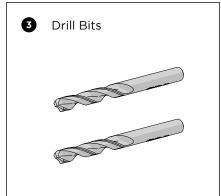
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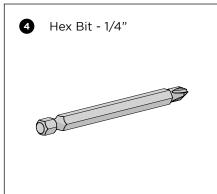
#### SECTION A | TOOLS AND ADDITIONAL ITEMS REQUIRED

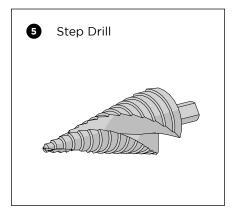
#### **TOOLS REQUIRED**

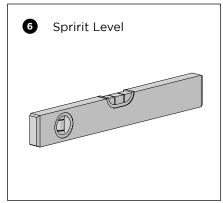


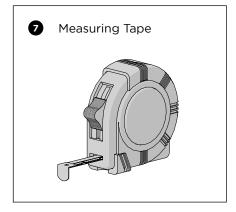


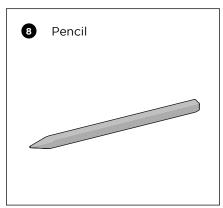


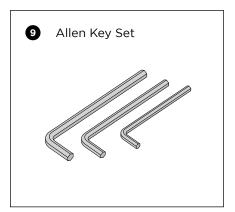


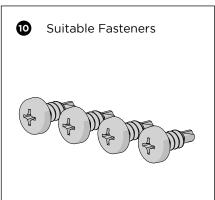






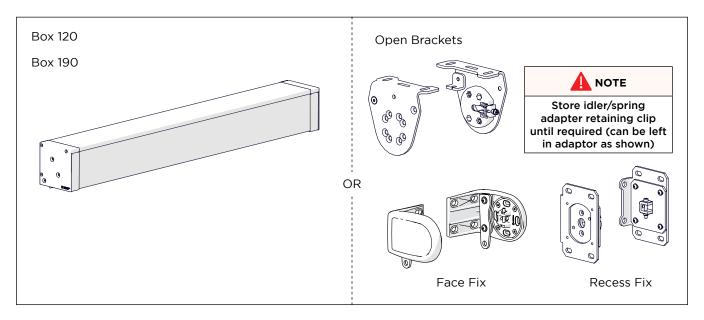


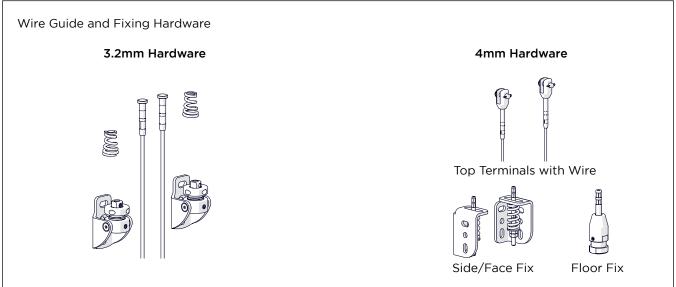


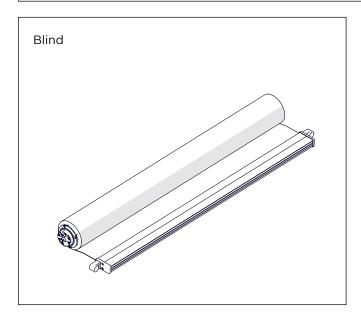


#### PRE-ASSEMBLED SHADE COMPONENTS

Note: Images shown below are indicative only and will vary with system requirements.









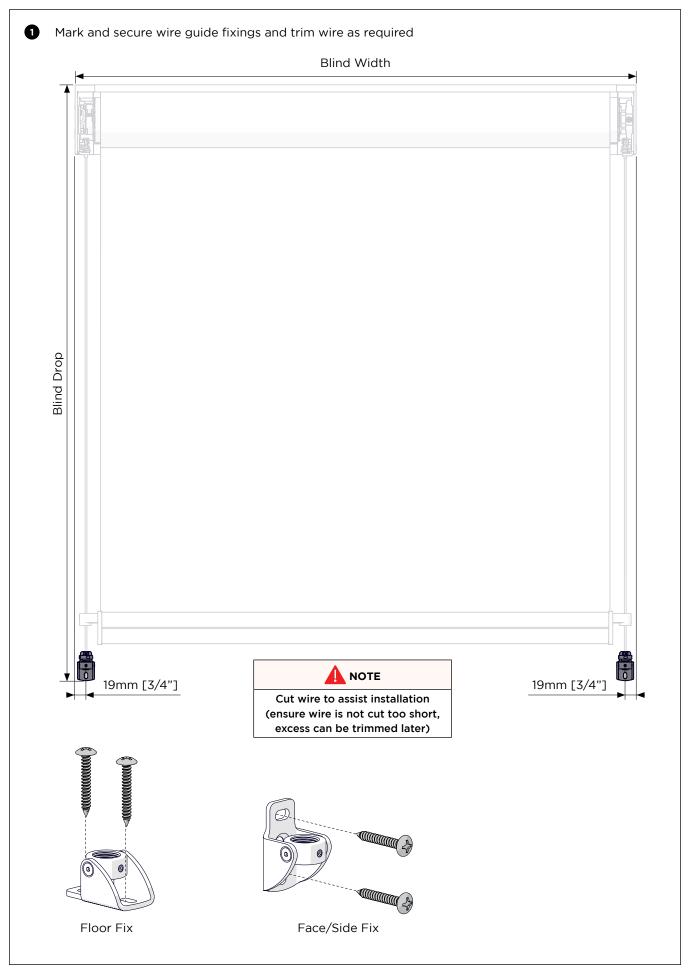
#### **MOUNTING ORIENTATION**

Use appropriate fasteners to install box/open brackets. Fasteners below are indicative only.

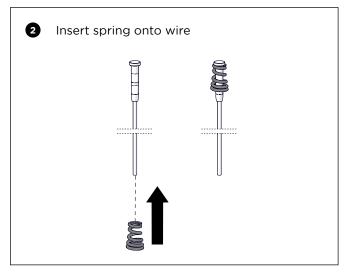


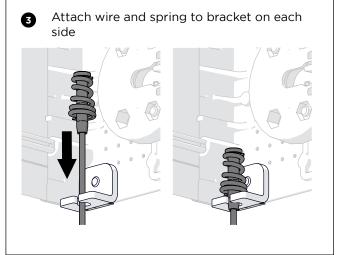
- Ensure brackets are level.
- Recommend pre-drilling holes in cassette brackets prior to installation.
- Pre-dril Ø22mm access hole for motor cable.

	FACE	CEILING	RECESS
Box 120			
Box 190			
Open Brackets			
Extreme Open Brackets			









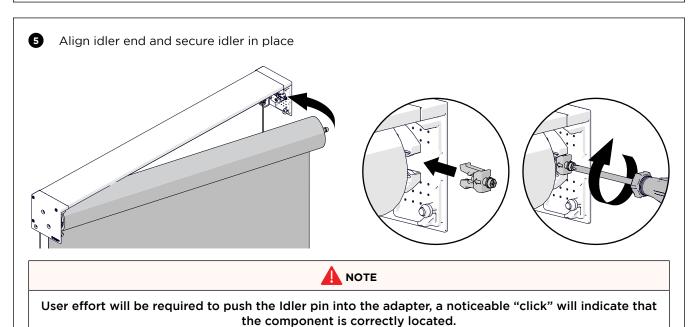
Insert shade into box (control end first)

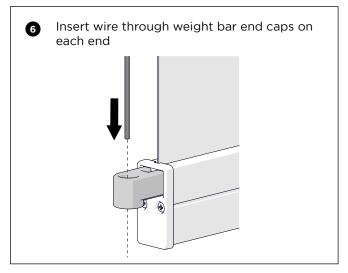
CRANK

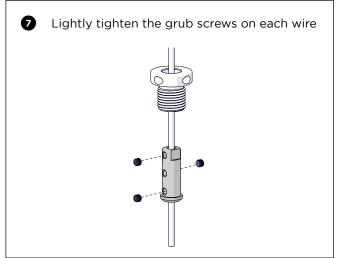
CRANK

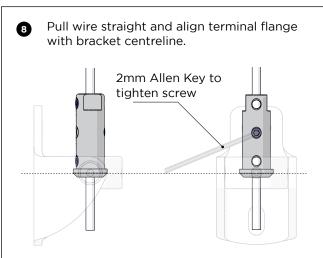
NOTE

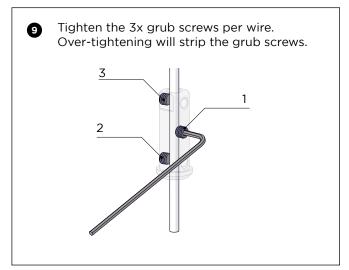
Align control hardware with bracket and ensure tube assembly is engaged.

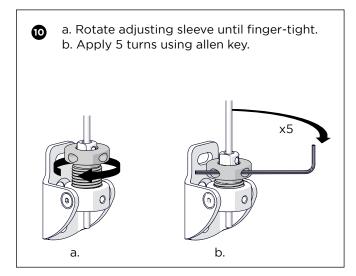


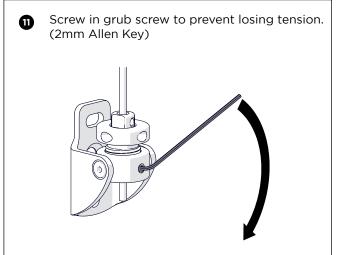




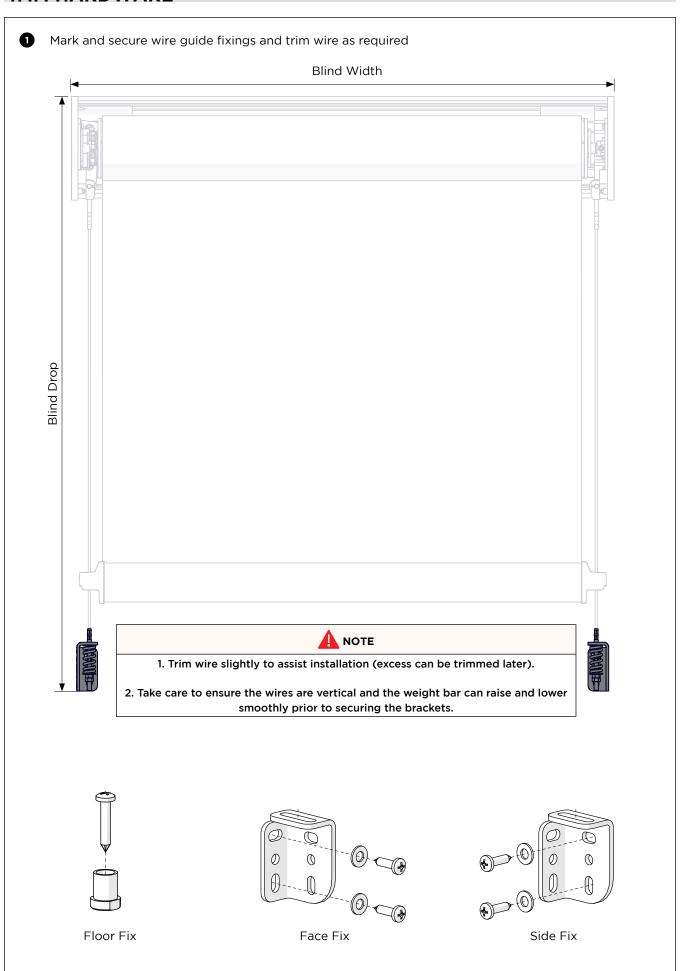


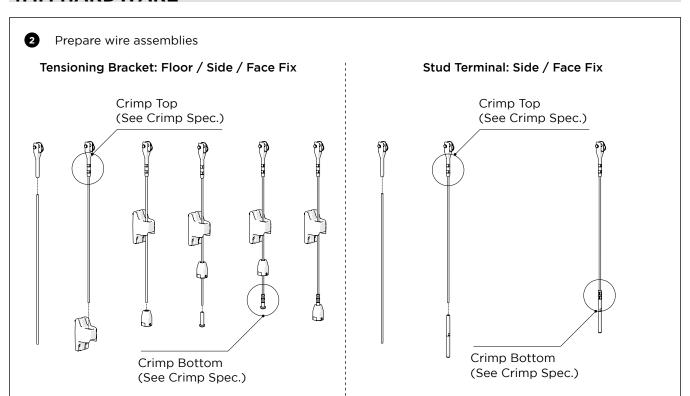


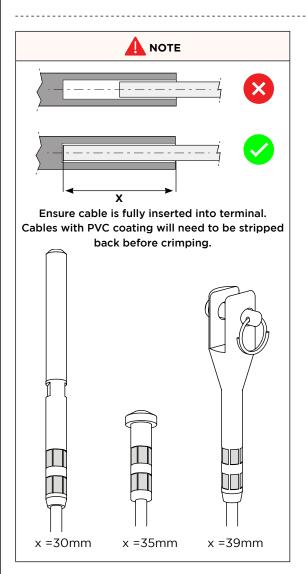




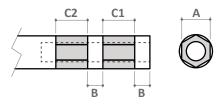








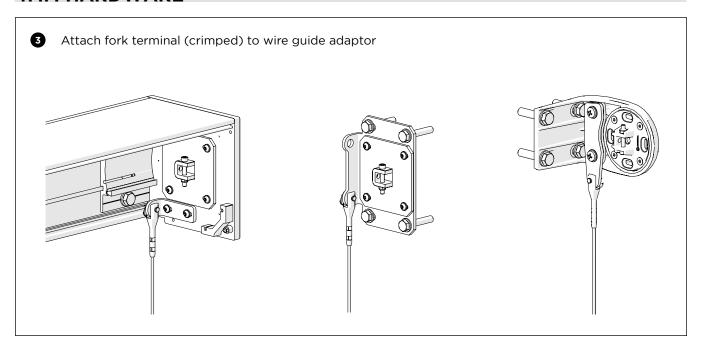
#### Crimp position and sizing for all terminals:

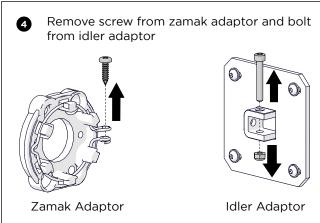


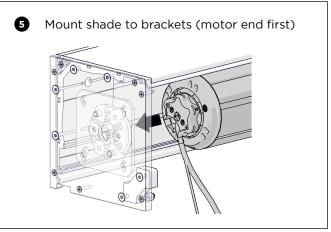
ITEM	Size (mm)	Size (in)
A (Crimp Hex AF)	6.5	0.26"
B (Crimp spacing)	3.0	0.12"
C1/C2 (Crimp Length)	7.5	0.30"

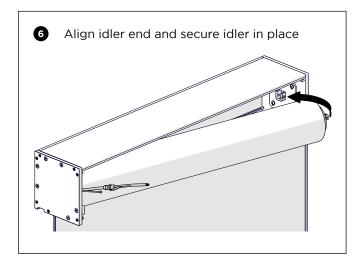


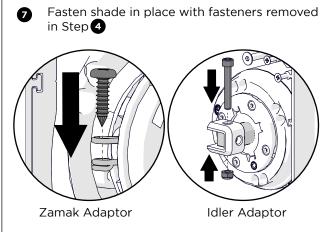
Ensure jaws of crimp tool close completely to achieve maximum possible crimp strength.













Tension the wire

Recommended tension force for Extreme 4mm wire guide system is 700 - 900N Maximum. (70 - 90Kgf) In the absence of a suitable tension meter, refer to the tension charts for guide lines on the No. of fastener turns (or travel) required to achieve desired tension.

The number of fastener turns or amount of stretch is relative to the length of the wire guide.

OPTION 1: Tension Bracket		
Wire Length No. of turns Tension Body (A) (min) - (max)		Travel (mm)

OPTION 2: Terminal Stud		
Wire Length	No. of turns M8 Nut (min) - (max)	Travel (mm)
2.5m (8.2')	1.0 - 1.5x	1.5 - 2.0mm (0.059" - 0.079")
5.0m (16.4')	2.5 - 3.0x	3.0 - 4.0mm (0.118" - 0.157")

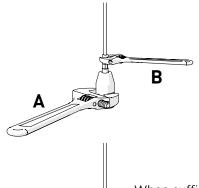
When using the tension spring, take note of the spring length prior to compressing the spring to apply tension in the wire system. Refer to the table for a guide on amount of spring compression and/or fastener turns required to achieve desired tension.

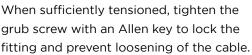
The wire length is not relevant for this tension method as the spring will apply the required tension once compressed to the nominated state.

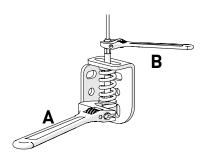
OPTION 3: Terminal Stud with Spring		
Tension	Spring Compression mm	*No. of turns M8 Nut.
700 N min.	6.0mm (0.236")	5.0x
900 N max.	8.0mm (0.315")	6.5x

<sup>\*</sup> Note, count number of turns from point spring begins to compress.

Using a spanner, HOLD B & rotate A to apply tension on the cable

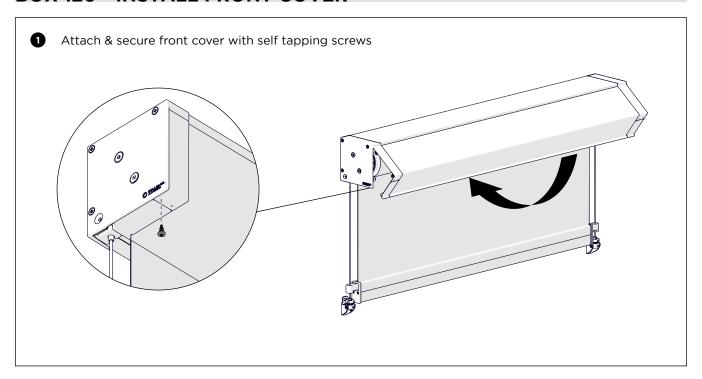




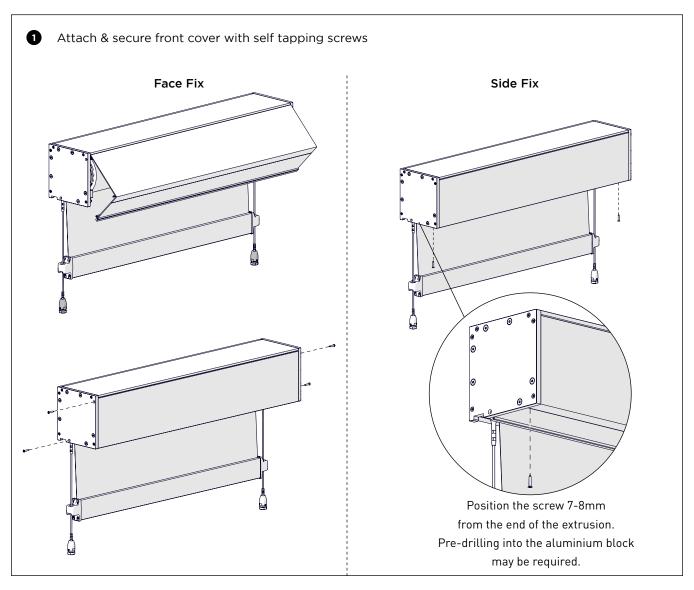




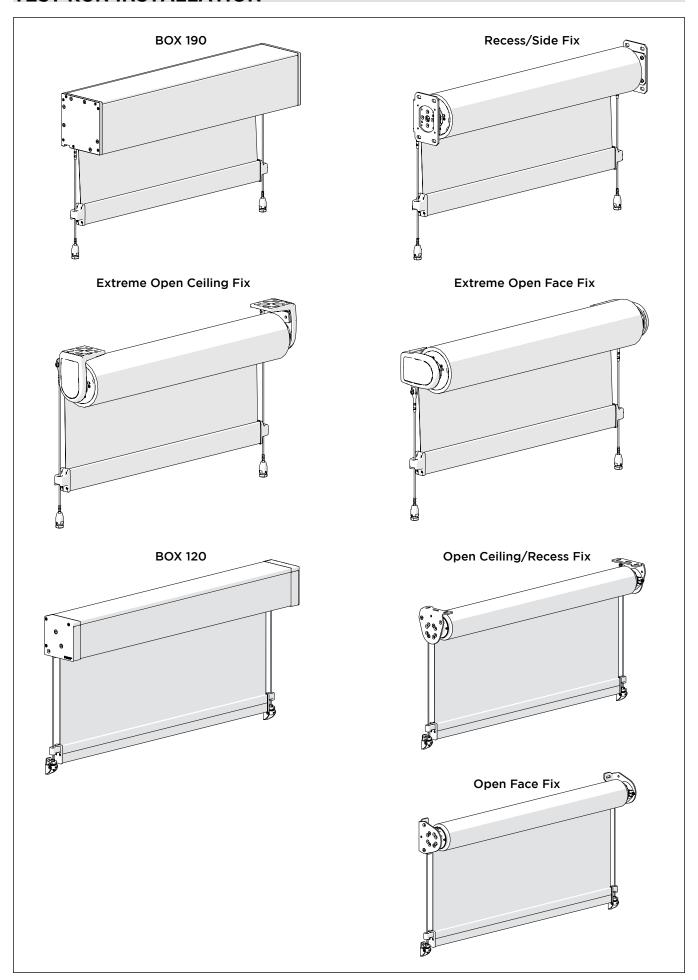
#### **BOX 120 - INSTALL FRONT COVER**



#### **BOX 190 - INSTALL FRONT COVER**



### **TEST RUN INSTALLATION**



#### **PROGRAMMING INSTRUCTIONS**



## SECTION D | DOCUMENT CHANGE NOTES

REVISION	CHANGES
v5.0   September 2023	Combined Wire Guide & Extreme Wire Guide Data.