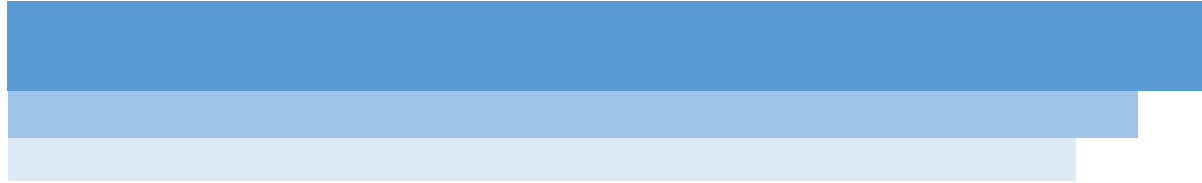


MULTI-LINK/UNI-LINK INSTALLATION MANUAL



October 2016

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October 2016

~~This manual is to be read in conjunction with the Product Specifications & Assembly manual~~

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DISCLAIMER

INTRODUCTION

This Installation manual has been produced by Rollease Acmeda to supply the necessary information for safe and correct installation of this system.

INSTALLERS RESPONSIBILITY

Before installing, please read & ensure you understand the safety information and installation instructions as defined in this installation manual.

- If you do not fully understand these instructions, contact Rollease Acmeda for clarification before installing.
- The Installer is responsible to ensure that all installation personnel have been adequately trained on the safe & correct installation and operation.
- The Installer is responsible to ensure that a Job Safety Analysis or Safe Work Method Statement is completed prior to installation to identify hazards, to determine appropriate risk control measures and to implement the control measures.
- The Installer is responsible to ensure that supporting structures are sound and can adequately support the load.
- When installing Chain Tensioning devices you must refer to the “Chain Tensioning Devices Installation manual.”
- The Installer is responsible to ensure that the devices used to anchor the product to the supporting structure are suitable for the application.

SAFETY INFORMATION

- Ensure Job Safety Analysis/Safe Work Method Statement is completed and actions to reduce risks are implemented.
- Ensure that electrical works are done only by a LICENSED ELECTRICIAN.
- DO NOT modify any of the components of this system.

PERSONNEL REQUIREMENTS

Only suitably trained/qualified personnel should undertake installation.

DISCLAIMER

Rollease Acmeda has used reasonable care in preparing the information included in this document, but makes no representations or warranties as to the completeness or accuracy of the information. Information is supplied upon the condition that the persons receiving the information will make their own determination as to its suitability for their purposes prior to use. Rollease Acmeda assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein. Rollease Acmeda reserves the right to make changes without further notice to any products to improve reliability, function or design.

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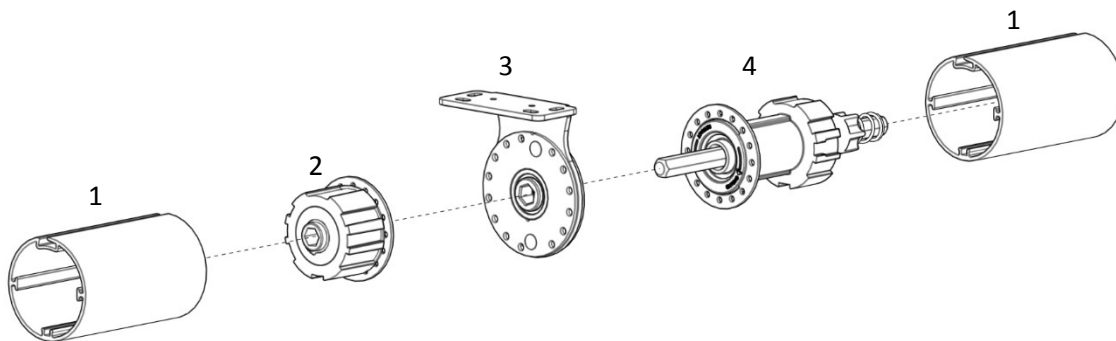
SECTION 1 – ITEMS REQUIRED

TOOLS REQUIRED

- Screw Driver – Philips Head
- Measuring Tape
- Pencil
- Hacksaw
- Drill
- Spirit Level
- Calculator

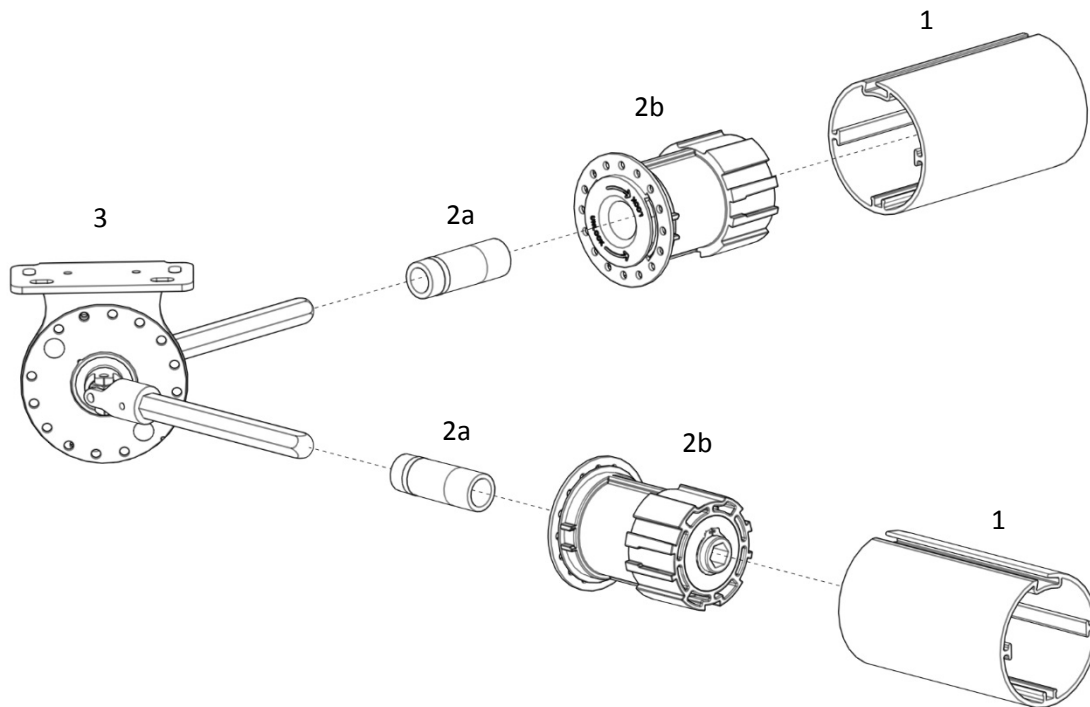
BLIND ITEMS REQUIRED – MULTI-LINK

1. Aluminium Tube
2. RB56-2002-xxx0xx - Multi-Link Intermediate Receiver
3. RB56-7201-xxx060 - Intermediate Bracket - Top Fit
4. RB56-1002-xxx0xx - Multi-Link Intermediate Drive G2



BLIND ITEMS REQUIRED – UNI-LINK

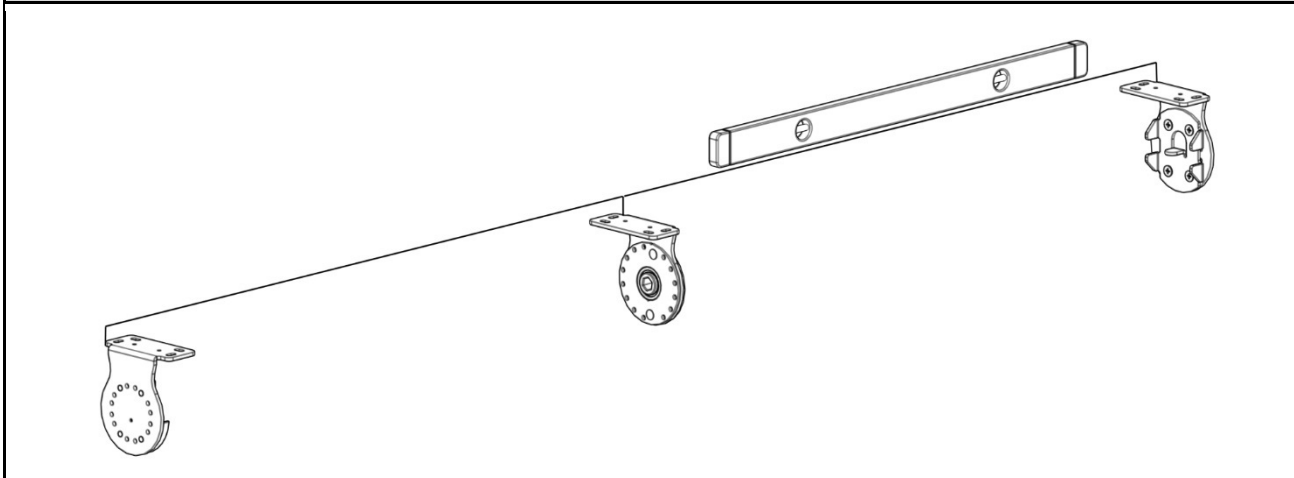
1. Aluminium Tube
2. RB56-3002-069060 – Uni-Link Receiver | S60
 - a. Distance Tube
 - b. Intermediate Receiver
3. RB56-7401/2-xxx060 – Uni-Link Intermediate Bracket Adjustable | S60



SECTION 2 – MULTI-LINK INSTALLATION

PART A – INSTALL INTERMEDIATE BRACKET

STEP 1 – MEASURE AND MARK OUT INSTALLATION SPACE

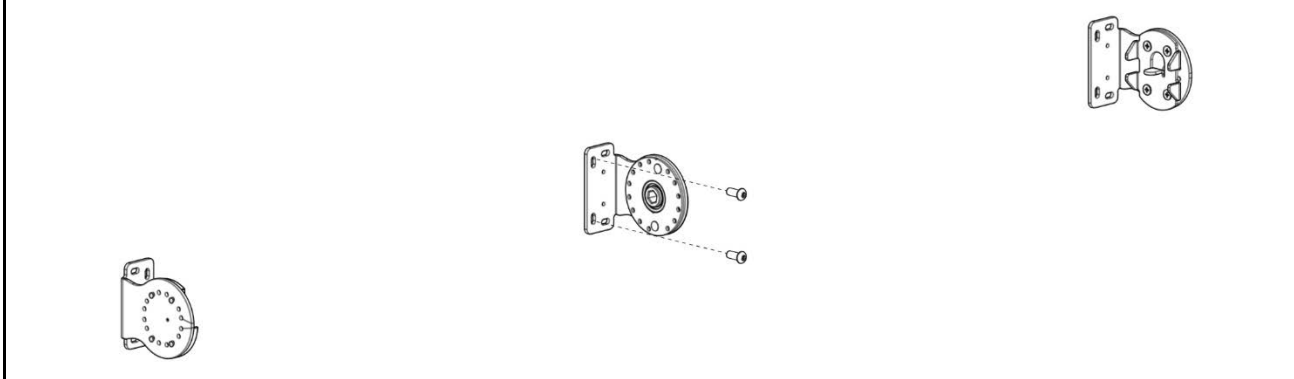


STEP 2 – FIX INTERMEDIATE BRACKET

TOP/CEILING FIX

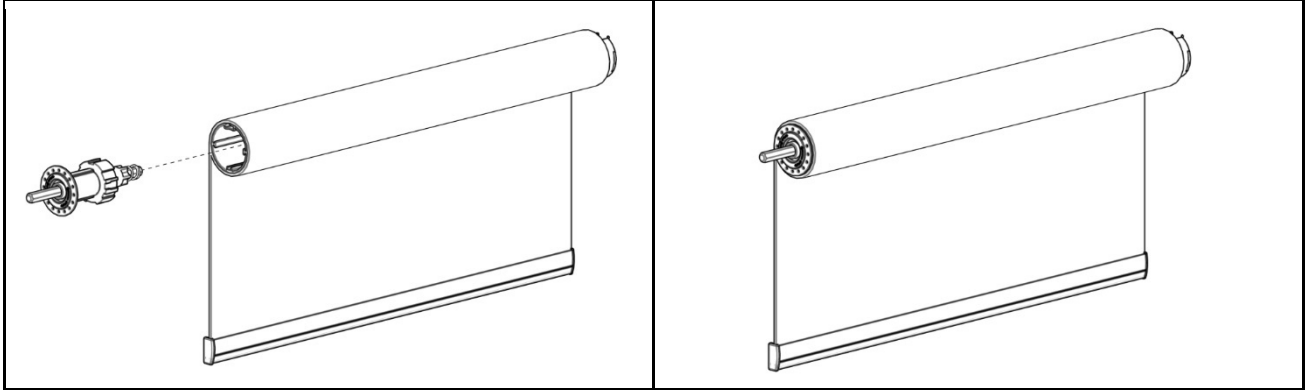


FACE FIX

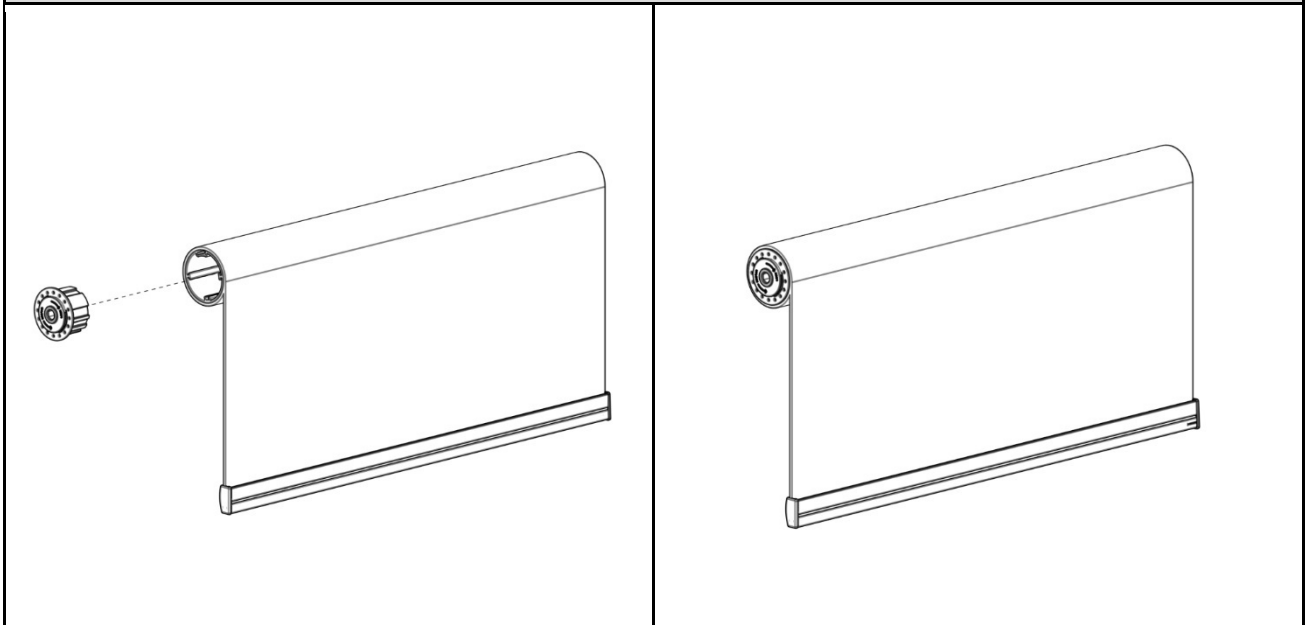


PART B – INSTALL MULTI-LINK PARTS INTO BLIND

STEP 1 – INSTALL MULTI-LINK INTERMEDIATE DRIVE INTO TUBE OF BLIND 1



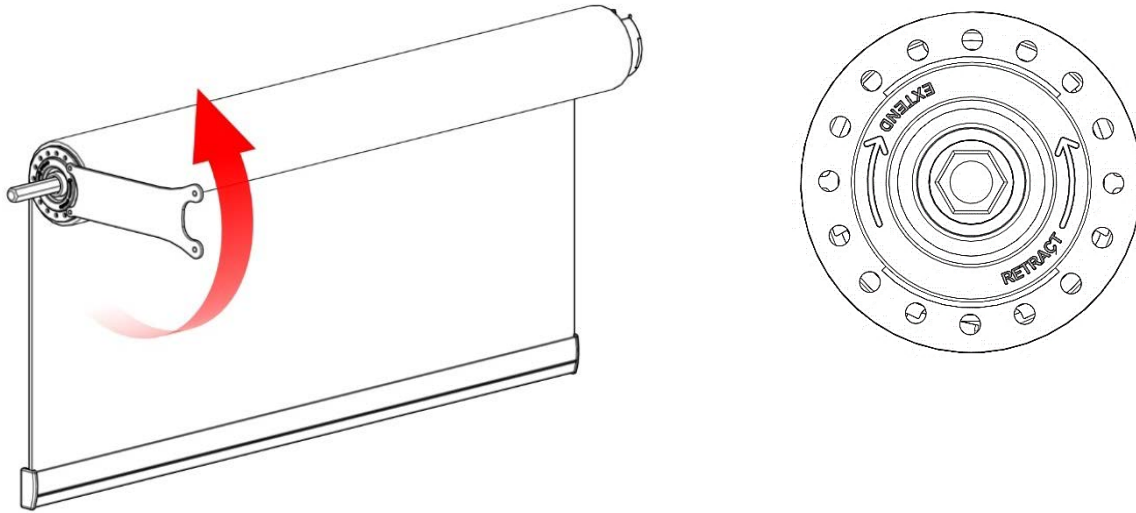
STEP 2 – INSTALL MULTI-LINK INTERMEDIATE RECEIVER INTO TUBE OF BLIND 2



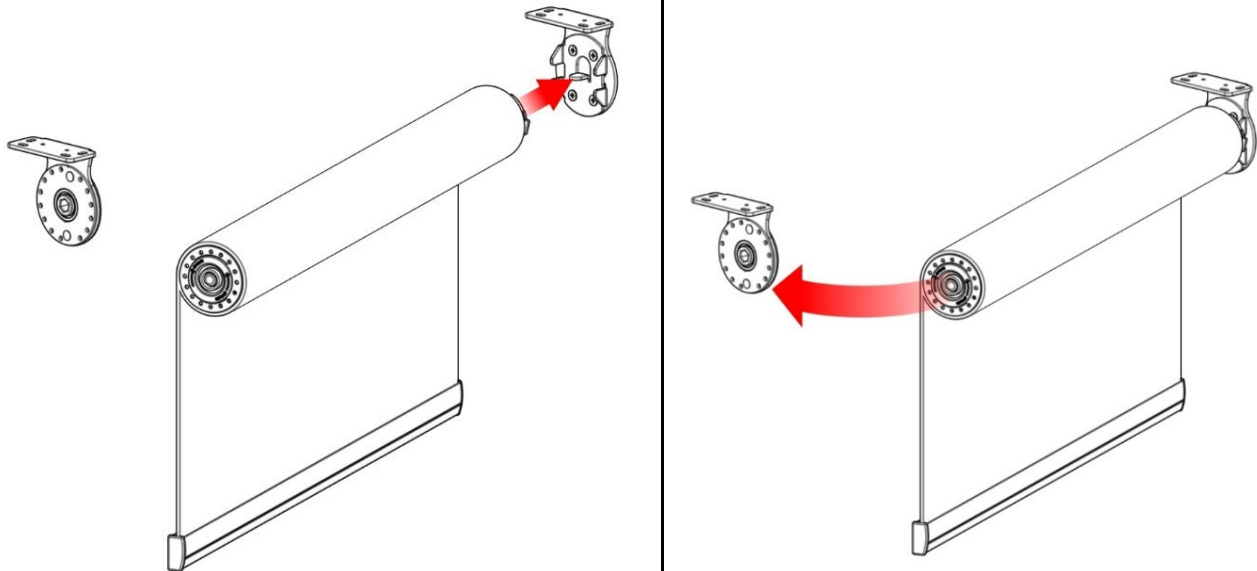
PART C – INSTALL BLIND

STEP 1 – RETRACT HEXAGONAL SHAFT OF INTERMEDIATE DRIVE

Rotate Adjuster Tool towards ceiling to fully retract the Hexagonal Shaft inside the Multi-Link Intermediate Drive, Remove Adjuster

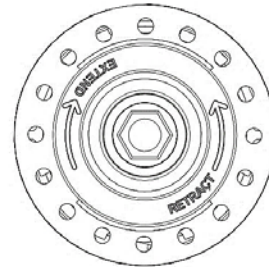
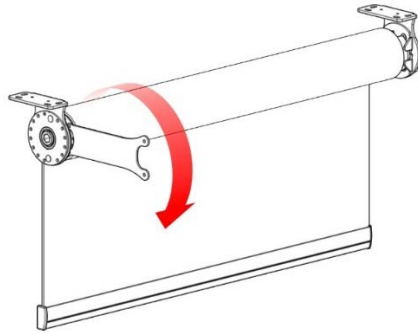


STEP 2 – MOUNT BLIND 1 TO CONTROL BRACKET & SWING INTO INTERMEDIATE BRACKET

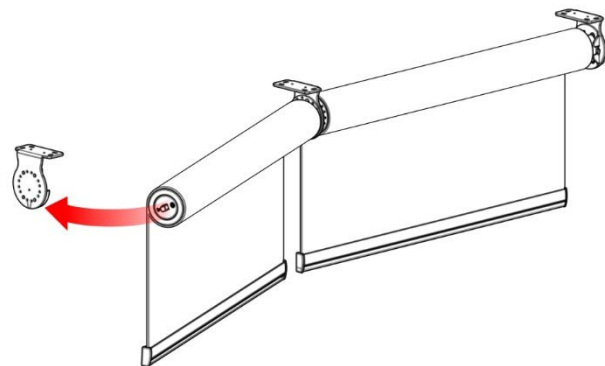
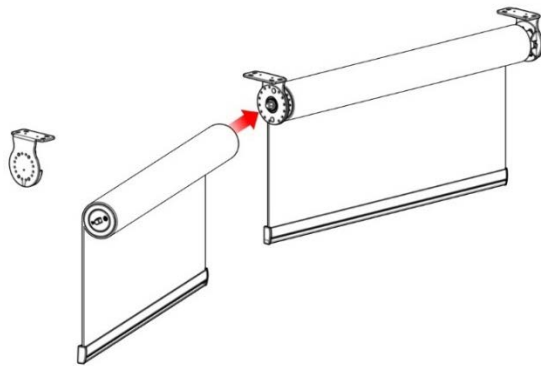


STEP 3 – EXTEND HEXAGONAL SHAFT OF INTERMEDIATE DRIVE

Rotate Adjuster Tool towards ground to extend the Hexagonal Shaft from within the Multi-Link Intermediate Drive into the Intermediate Bracket. The Hexagonal Shaft will 'STOP' extending at about halfway. The Hexagonal Shaft will be fully engaged with the Intermediate Bracket and will protrude out approximately 5mm



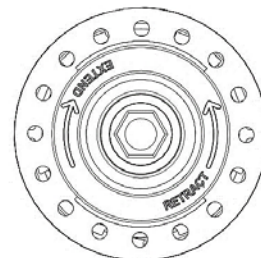
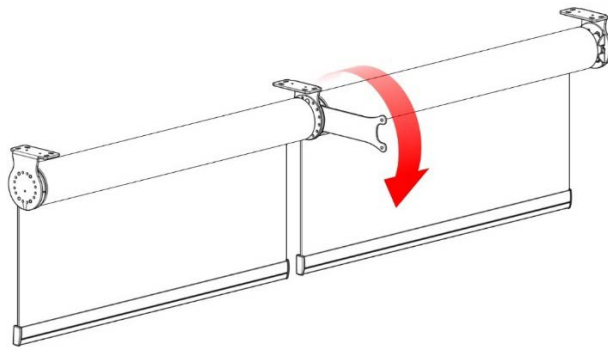
STEP 4 – MOUNT BLIND 2 TO INTERMEDIATE BRACKET THEN SWING IN IDLER END



NOTE: AT THIS STEP TRY TO ENSURE BOTH BLINDS FABRIC LINE UP (WEIGHTBARS AT THE SAME LEVEL)

STEP 5 – FULLY ENGAGE SHAFT INTO RECEIVER

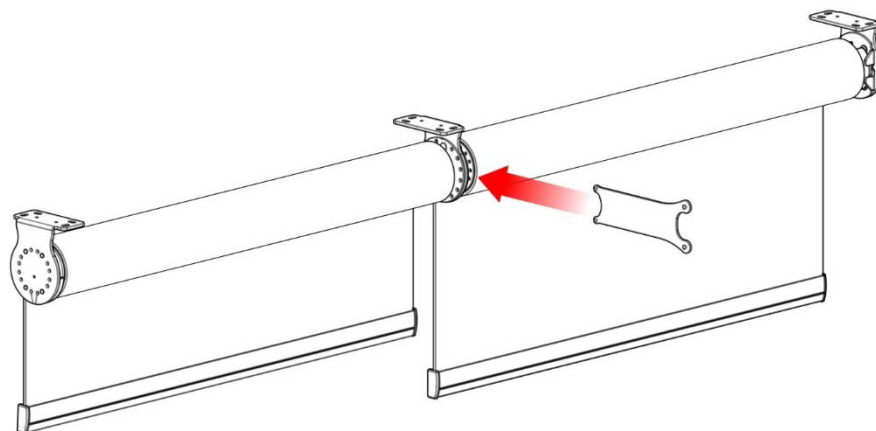
Rotate Adjuster Tool towards ground to further extend the Hexagonal Shaft from within the Multi-Link Intermediate Drive into the Multi-Link Intermediate Receiver. The Hexagonal Shaft will 'STOP' extending when it is fully released. The Hexagonal Shaft will be engaged with the Multi-Link Intermediate Receiver.



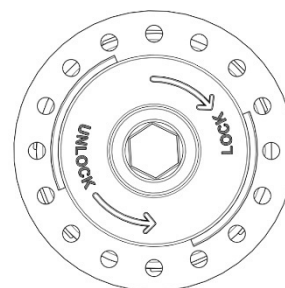
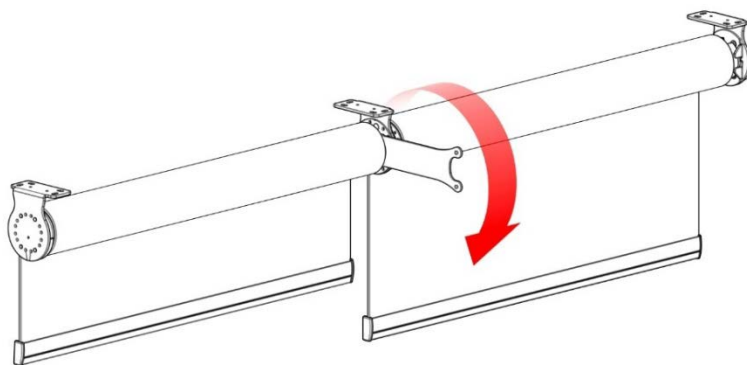
PART D – LEVELING BOTTOM RAIL (REQUIRED WHEN FABRIC LENGTH NOT EVEN)

STEP 1 – UNLOCK THE LOCKING RING

Attach Adjuster Tool onto Locking Ring of Multi-Link Intermediate Receiver



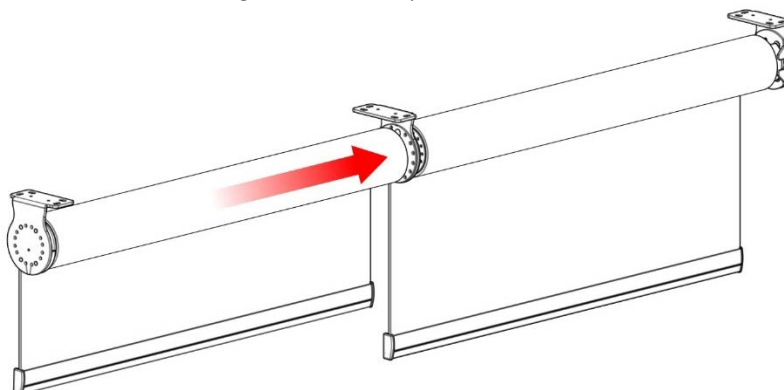
Rotate Adjuster Tool towards ground to unlock the Locking Ring



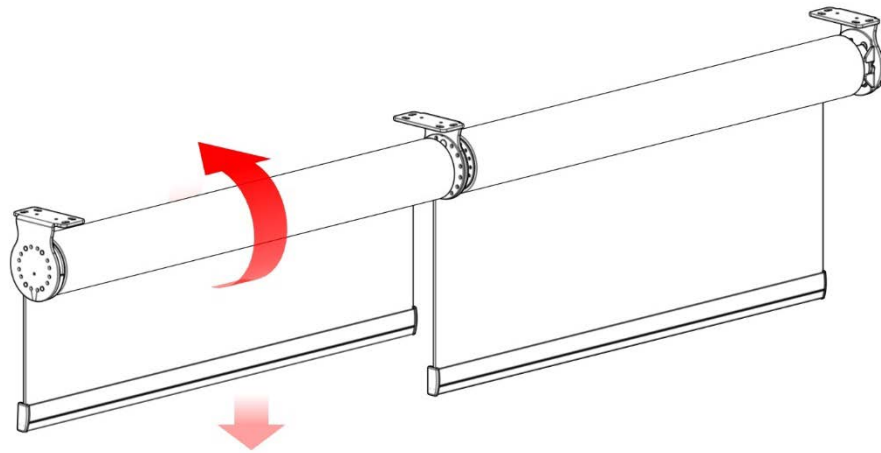
NOTE: The locking ring will feel loose

STEP 2 – OPEN CLUTCH AND ROTATE FABRIC

Push Blind 2 against Intermediate Bracket, allowing the clutch too open, a click will be heard

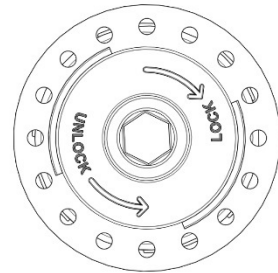
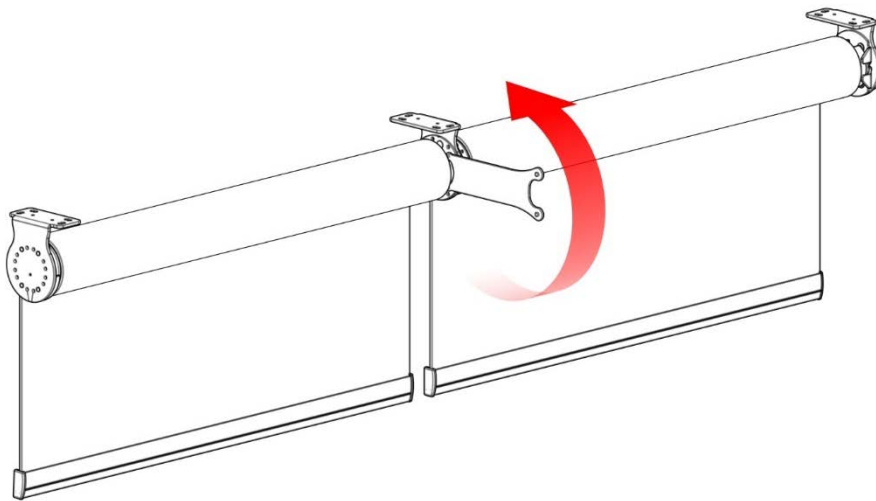


Rotate Blind 2 and align Fabric



STEP 3 – RE-LOCK RECEIVER

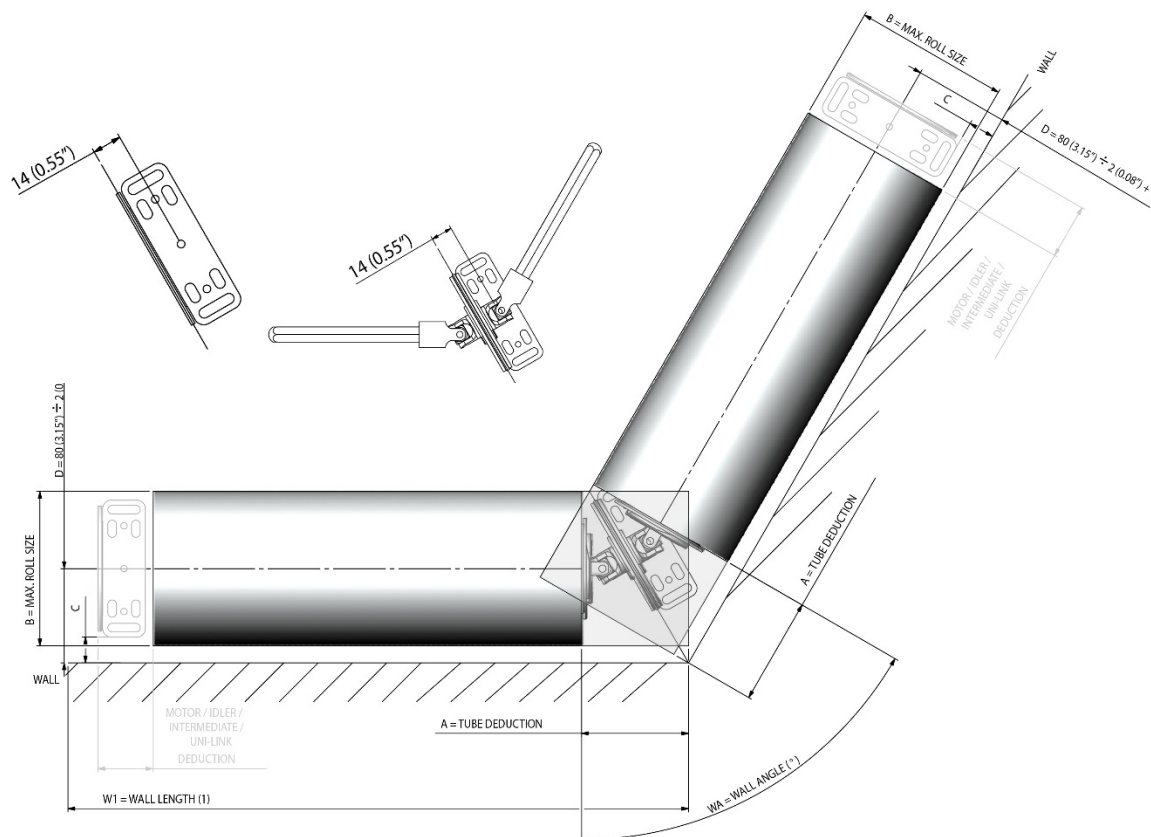
Rotate Adjuster Tool towards ceiling to lock the Locking Ring of the Multi-Link Intermediate Receiver, the Locking Ring will feel firm.



SECTION 3 – UNI-LINK INSTALLATION

PART A – CALCULATE BLIND SIZE BASED ON INSTALLATION SPACE

UNI LINK DEDUCTIONS



ROLLEASE ACMEDA recommends the distance between the wall & foot of Uni-System brackets (C) to be 15mm (0.59")

The table specifying the Tube Deductions (A) is based on C = 15mm (0.59")

If C is other than 15mm (0.59") please use the electronic calculations to retrieve the accurate Tube Deduction (A).

1. Measure the Wall Lengths (W1 & W2) & the Wall Angle (WA) where the Uni-Link Joint will be used.
2. Calculate the Maximum Roll Size (B) required.
 - Maximum Roll Size is determined by the maximum drop desired and the fabrics thickness. (Refer to 'Blind Drop Calculations' for further information).
3. Calculate the Tube Deduction (A) & Spacer Length required. (Refer to 'Uni-System Uni-Link Tube Deductions & Spacer Lengths' for further information).
4. Taking into consideration the deductions at the other end of the tubes for the Motor End / Idler End / Intermediate Joint / Uni-Link Joint, cut tubes to desired length.
5. Using the foot of the Uni-System brackets as a guide, mark on the ceiling where the bracket will be installed.
 - Where $D = 80\text{mm} (3.15") \div 2\text{mm} (0.08\text{mm}) + C$.
 - The centre hole in the foot of the bracket & the knuckle centre of the uni-joint is 14mm (0.55") from the centre line of the bracket.
6. Follow the relevant steps in the Instruction Manual to install the Uni-Link System.

DISTANCE TUBES DEDUCTIONS CHARTS

Uni-System Uni-Link Tube Deductions & Spacer Lengths (0~90 deg)			
MAX. ROLL SIZE (mm) B	WALL ANGLE (deg) WA	SPACER LENGTH (mm)	* UNI-LINK DEDUCTION PER BLIND (mm)
100	5	0.0 (0.00")	13.5 (0.53")
	10	0.0 (0.00")	15.9 (0.62")
	15	13.0 (0.51")	31.4 (1.24")
	20	13.0 (0.51")	34.0 (1.34")
	25	13.0 (0.51")	36.6 (1.44")
	30	13.0 (0.51")	39.3 (1.55")
	35	13.0 (0.51")	42.2 (1.66")
	40	13.0 (0.51")	45.1 (1.77")
	45	14.0 (0.55")	49.2 (1.94")
	50	16.4 (0.65")	54.8 (2.16")
	55	18.9 (0.74")	60.6 (2.39")
	60	21.4 (0.84")	66.7 (2.63")
	65	24.1 (0.95")	73.1 (2.88")
	70	26.9 (1.06")	79.9 (3.15")
	75	29.8 (1.17")	87.2 (3.43")
	80	32.9 (1.30")	95.0 (3.74")
	85	36.2 (1.43")	103.3 (4.07")
	90	39.8 (1.57")	112.4 (4.43")
95	5	0.0 (0.00")	13.5 (0.53")
	10	0.0 (0.00")	15.9 (0.62")
	15	13.0 (0.51")	31.4 (1.24")
	20	13.0 (0.51")	34.0 (1.34")
	25	13.0 (0.51")	36.6 (1.44")
	30	13.0 (0.51")	39.3 (1.55")
	35	13.0 (0.51")	42.2 (1.66")
	40	13.0 (0.51")	45.1 (1.77")
	45	13.0 (0.51")	48.1 (1.89")
	50	15.3 (0.60")	53.6 (2.11")
	55	17.6 (0.69")	59.3 (2.33")
	60	20.0 (0.79")	65.2 (2.57")
	65	22.5 (0.89")	71.5 (2.81")
	70	25.1 (0.99")	78.2 (3.08")
	75	27.9 (1.10")	85.3 (3.36")
	80	30.8 (1.21")	92.9 (3.66")
	85	33.9 (1.33")	101.0 (3.98")
	90	37.3 (1.47")	109.9 (4.33")

Uni-System Uni-Link Tube Deductions & Spacer Lengths (0–90 deg)

MAX. ROLL SIZE (mm) B	WALL ANGLE (deg) WA	SPACER LENGTH (mm)	* UNI-LINK DEDUCTION PER BLIND (mm)
90	5	0.0 (0.00")	13.5 (0.53")
	10	0.0 (0.00")	15.9 (0.62")
	15	13.0 (0.51")	31.4 (1.24")
	20	13.0 (0.51")	34.0 (1.34")
	25	13.0 (0.51")	36.6 (1.44")
	30	13.0 (0.51")	39.3 (1.55")
	35	13.0 (0.51")	42.2 (1.66")
	40	13.0 (0.51")	45.1 (1.77")
	45	13.0 (0.51")	48.1 (1.89")
	50	14.1 (0.56")	52.4 (2.06")
	55	16.3 (0.64")	58.0 (2.28")
	60	18.5 (0.73")	63.8 (2.51")
	65	20.9 (0.82")	69.9 (2.75")
	70	23.4 (0.92")	76.4 (3.01")
	75	26.0 (1.02")	83.4 (3.28")
	80	28.7 (1.13")	90.8 (3.57")
	85	31.6 (1.24")	98.8 (3.89")
	90	34.8 (1.37")	107.4 (4.23")
85	5	0.0 (0.00")	13.5 (0.53")
	10	0.0 (0.00")	15.9 (0.62")
	15	13.0 (0.51")	31.4 (1.24")
	20	13.0 (0.51")	34.0 (1.34")
	25	13.0 (0.51")	36.6 (1.44")
	30	13.0 (0.51")	39.3 (1.55")
	35	13.0 (0.51")	42.2 (1.66")
	40	13.0 (0.51")	45.1 (1.77")
	45	14.0 (0.55")	48.1 (1.89")
	50	16.4 (0.65")	51.3 (2.02")
	55	18.9 (0.74")	56.7 (2.23")
	60	21.4 (0.84")	62.4 (2.46")
	65	24.1 (0.95")	68.3 (2.67")
	70	26.9 (1.06")	74.7 (2.94")
	75	29.8 (1.17")	81.4 (3.20")
	80	32.9 (1.30")	88.7 (3.49")
	85	36.2 (1.43")	96.5 (3.80")
	90	39.8 (1.57")	104.9 (4.13")

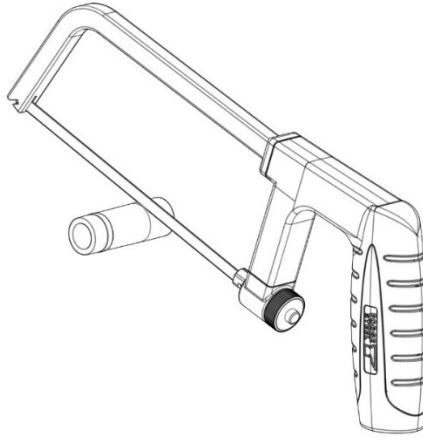
Uni-System Uni-Link Tube Deductions & Spacer Lengths (0~90 deg)				
MAX. ROLL SIZE (mm) B	WALL ANGLE (deg) WA	SPACER LENGTH (mm)		* UNI-LINK DEDUCTION PER BLIND (mm)
80	5	0.0	(0.00")	13.5 (0.53")
	10	0.0	(0.00")	15.9 (0.62")
	15	13.0	(0.51")	31.4 (1.24")
	20	13.0	(0.51")	34.0 (1.34")
	25	13.0	(0.51")	36.6 (1.44")
	30	13.0	(0.51")	39.3 (1.55")
	35	13.0	(0.51")	42.2 (1.66")
	40	13.0	(0.51")	45.1 (1.77")
	45	13.0	(0.51")	48.1 (1.89")
	50	13.0	(0.51")	51.3 (2.02")
	55	13.7	(0.64")	55.4 (2.18")
	60	15.7	(0.62")	60.9 (2.40")
	65	17.7	(0.70")	66.8 (2.63")
	70	19.9	(0.78")	72.9 (2.87")
	75	22.1	(0.87")	79.5 (3.13")
	80	24.5	(0.96")	86.6 (3.41")
	85	27.0	(1.06")	94.2 (3.71")
	90	29.8	(1.17")	102.4 (4.03")
75	5	0.0	(0.00")	13.5 (0.53")
	10	0.0	(0.00")	15.9 (0.62")
	15	13.0	(0.51")	31.4 (1.24")
	20	13.0	(0.51")	34.0 (1.34")
	25	13.0	(0.51")	36.6 (1.44")
	30	13.0	(0.51")	39.3 (1.55")
	35	13.0	(0.51")	42.2 (1.66")
	40	13.0	(0.51")	45.1 (1.77")
	45	13.0	(0.51")	48.1 (1.89")
	50	13.0	(0.51")	51.3 (2.02")
	55	13.0	(0.51")	54.7 (2.15")
	60	14.2	(0.56")	59.5 (2.34")
	65	16.1	(0.63")	65.2 (2.57")
	70	18.1	(0.71")	71.2 (2.80")
	75	20.2	(0.80")	77.6 (3.06")
	80	22.4	(0.88")	84.5 (3.33")
	85	24.8	(0.98")	91.9 (3.62")
	90	27.3	(1.07")	99.9 (3.93")

Uni-System Uni-Link Tube Deductions & Spacer Lengths (0–90 deg)

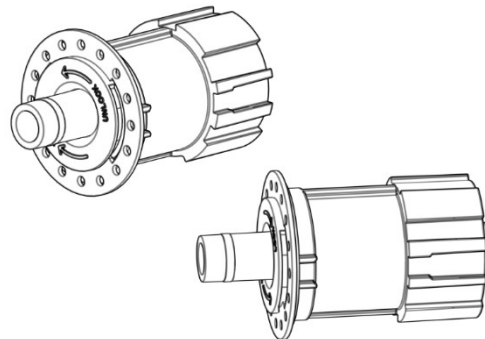
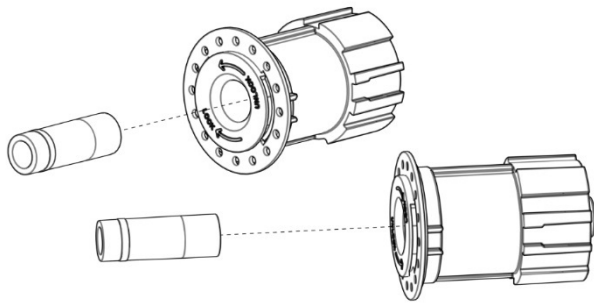
MAX. ROLL SIZE (mm) B	WALL ANGLE (deg) WA	SPACER LENGTH (mm)		* UNI-LINK DEDUCTION PER BLIND (mm)	
70	5	0.0	(0.00")	13.5	(0.53")
	10	0.0	(0.00")	15.9	(0.62")
	15	13.0	(0.51")	31.4	(1.24")
	20	13.0	(0.51")	34.0	(1.34")
	25	13.0	(0.51")	36.6	(1.44")
	30	13.0	(0.51")	39.3	(1.55")
	35	13.0	(0.51")	42.2	(1.66")
	40	13.0	(0.51")	45.1	(1.77")
	45	13.0	(0.51")	48.1	(1.89")
	50	13.0	(0.51")	51.3	(2.02")
	55	13.0	(0.51")	54.7	(2.15")
	60	13.0	(0.51")	58.3	(2.30")
	65	14.5	(0.57")	63.6	(2.50")
	70	16.4	(0.65")	69.4	(2.73")
	75	18.3	(0.72")	75.7	(2.98")
	80	20.3	(0.80")	82.4	(3.24")
65	85	22.5	(0.89")	89.6	(3.53")
	90	24.8	(0.98")	97.4	(3.83")
	5	0.0	(0.00")	13.5	(0.53")
	10	0.0	(0.00")	15.9	(0.62")
	15	13.0	(0.51")	31.4	(1.24")
	20	13.0	(0.51")	34.0	(1.34")
	25	13.0	(0.51")	36.6	(1.44")
	30	13.0	(0.51")	39.3	(1.55")
	35	13.0	(0.51")	42.2	(1.66")
	40	13.0	(0.51")	45.1	(1.77")
	45	13.0	(0.51")	48.1	(1.89")
	50	13.0	(0.51")	51.3	(2.02")
	55	13.0	(0.51")	54.7	(2.15")
	60	13.0	(0.51")	58.3	(2.30")
	65	13.0	(0.51")	62.0	(2.44")
	70	14.6	(0.57")	67.7	(2.67")
	75	16.4	(0.65")	73.8	(2.91")
	80	18.2	(0.72")	80.3	(3.16")
	85	20.2	(0.80")	87.3	(3.44")
	90	22.3	(0.88")	94.9	(3.74")

PART B – PREPARE BLINDS

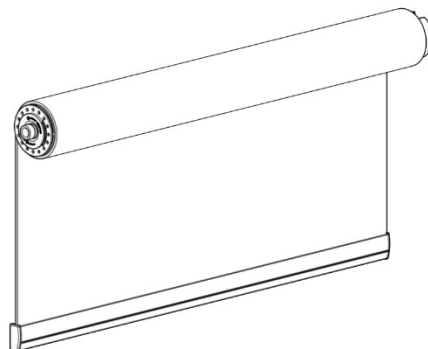
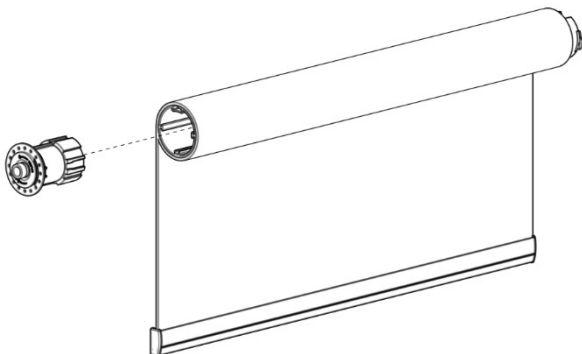
STEP 1 – CUT BOTH UNI-LINK DISTANCE TUBES TO REQUIRED LENGTH (REFER TO DEDUCTIONS CHARTS)



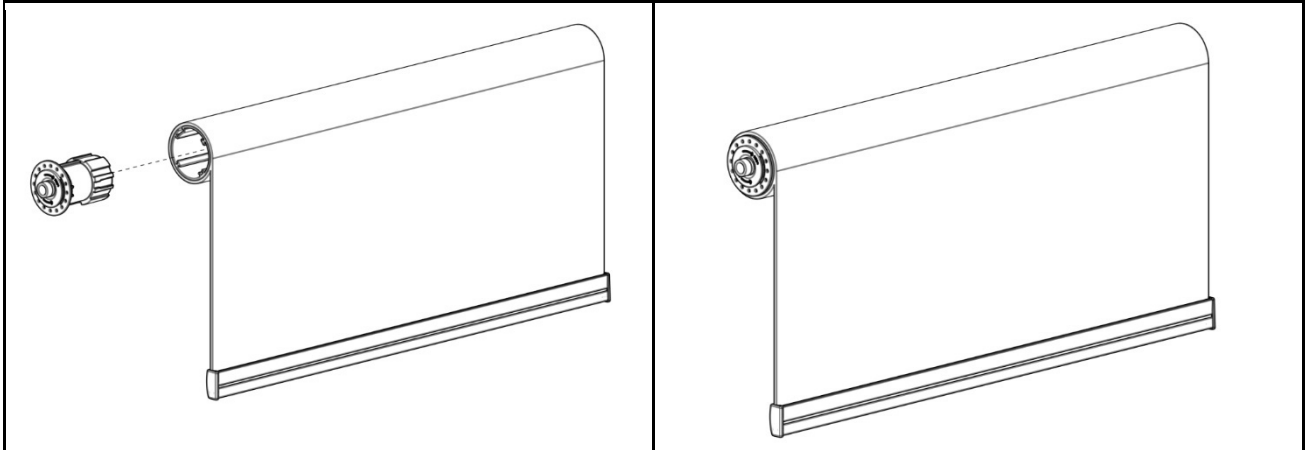
STEP 2 – INSTALL UNI-LINK DISTANCE TUBES INSIDE CORRESPONDING UNI-LINK INTERMEDIATE RECEIVERS



STEP 3 – INSTALL UNI-LINK INTERMEDIATE RECEIVER 1 INTO TUBE OF BLIND 1.

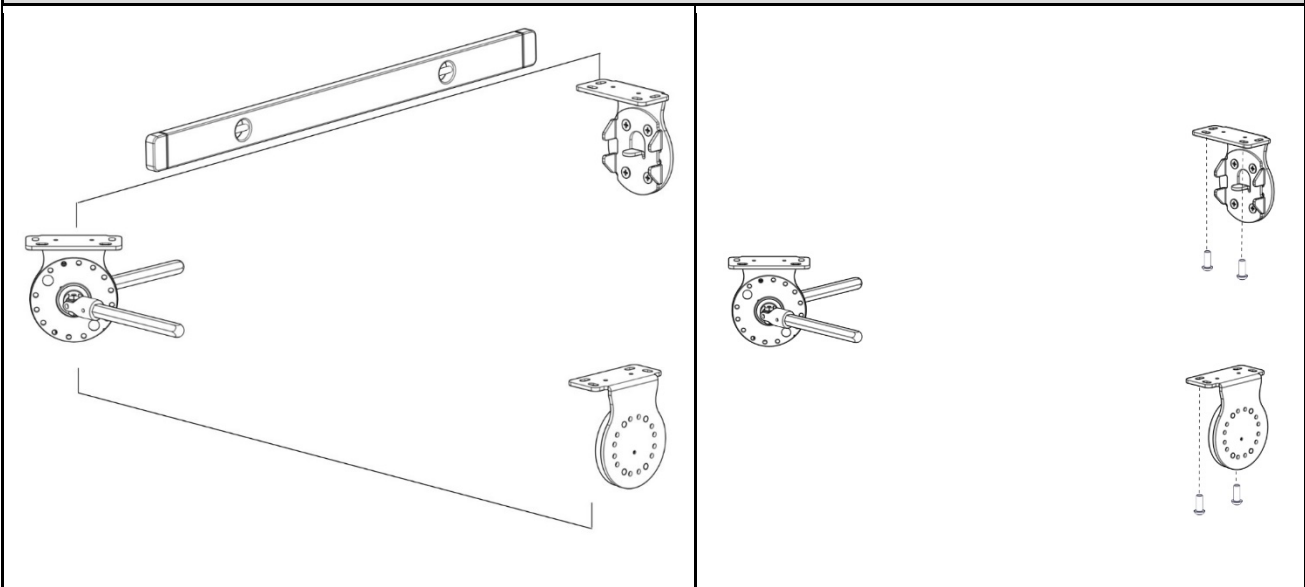


STEP 4 – INSTALL UNI-LINK INTERMEDIATE RECEIVER 2 INTO TUBE OF BLIND 2.



PART C – PREPARE INSTALLATION SPACE

STEP 1 – MEASURE AND MARK OUT INSTALLATION SPACE

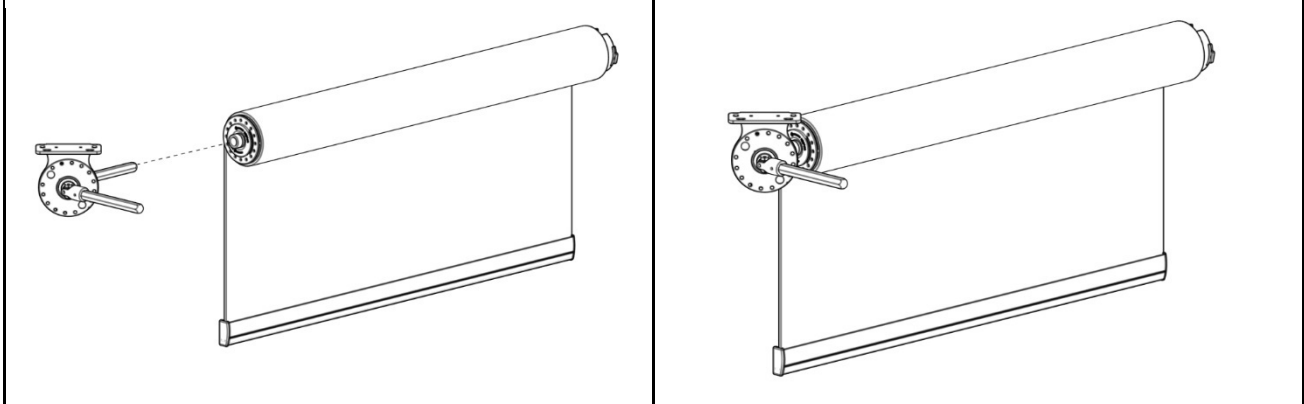


STEP 2 – CALCULATE CORRECT ANGLE TO INSTALL INTERMEDIATE BRACKET

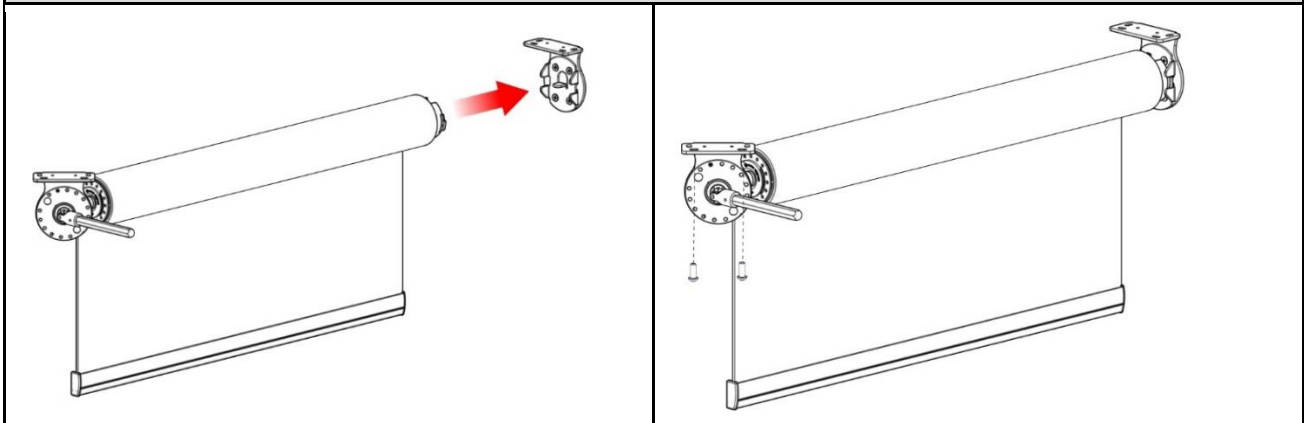
STEP 3 – CALCULATE MAXIMUM BLIND ROLL REQUIRED

PART D – INSTALL BLIND

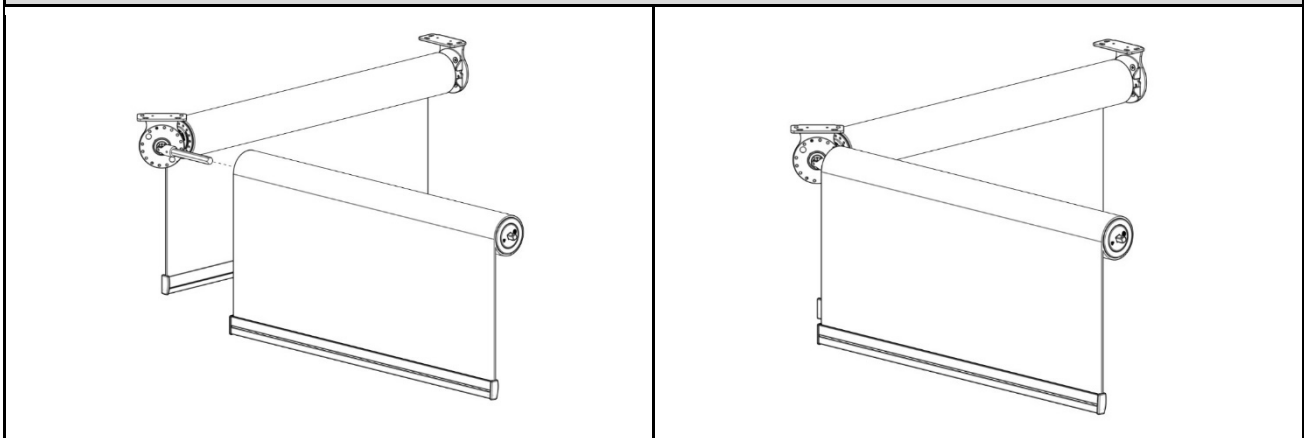
STEP 1 – INSERT HEXAGONAL SHAFT OF UNI-LINK INTERMEDIATE BRACKET INSIDE UNI-LINK INTERMEDIATE RECEIVER 1



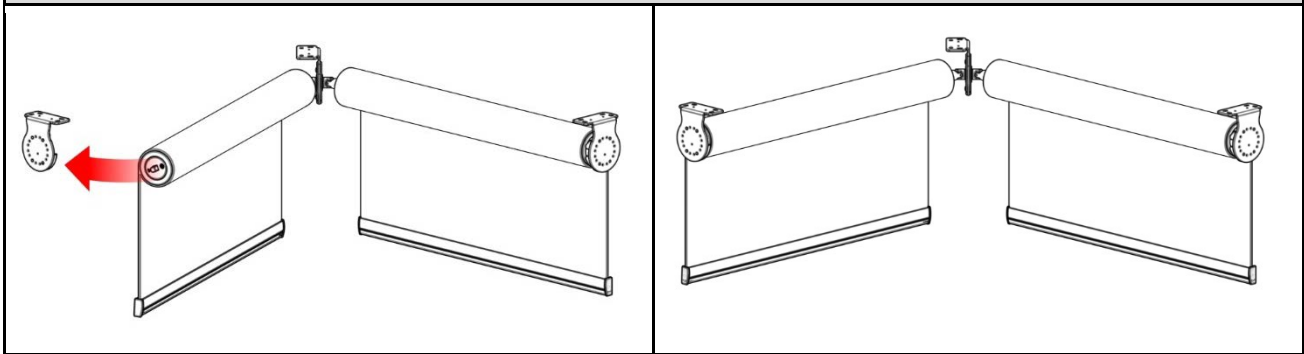
STEP 2 – WITH BLIND 1 FIXED TO ANOTHER FIXED BRACKET, MOUNT UNI-LINK INTERMEDIATE BRACKET TO CEILING WITH SCREWS.



STEP 3 – MOUNT BLIND 2 ONTO UNI-LINK INTERMEDIATE BRACKET



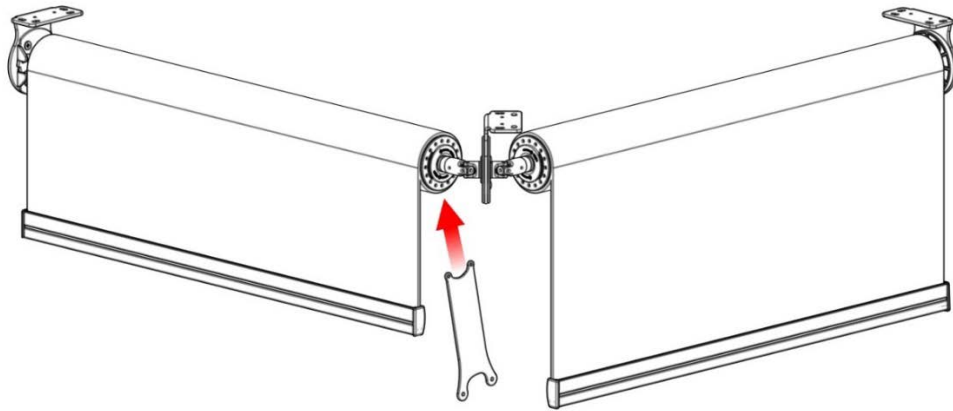
STEP 4 – WITH BLIND 2 STILL ATTACHED TO UNI-LINK INTERMEDIATE BRACKET, ATTATCH BLIND 2 TO THE IDLER BRACKET



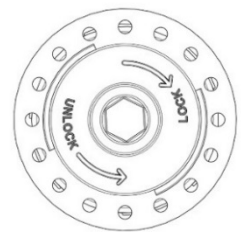
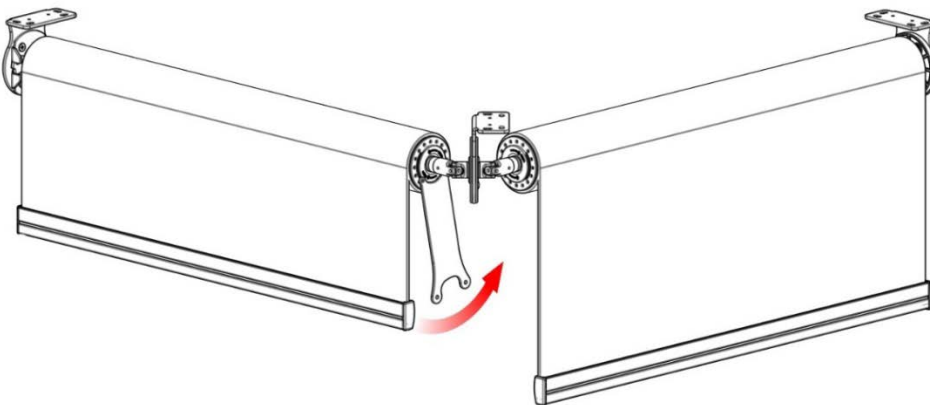
PART E – LEVELING BOTTOM RAIL (REQUIRED WHEN FABRIC LENGTH NOT EVEN)

STEP 1 – UNLOCK THE LOCKING RING

Attach Adjuster Tool onto Locking Ring of Uni-Link Intermediate Receiver



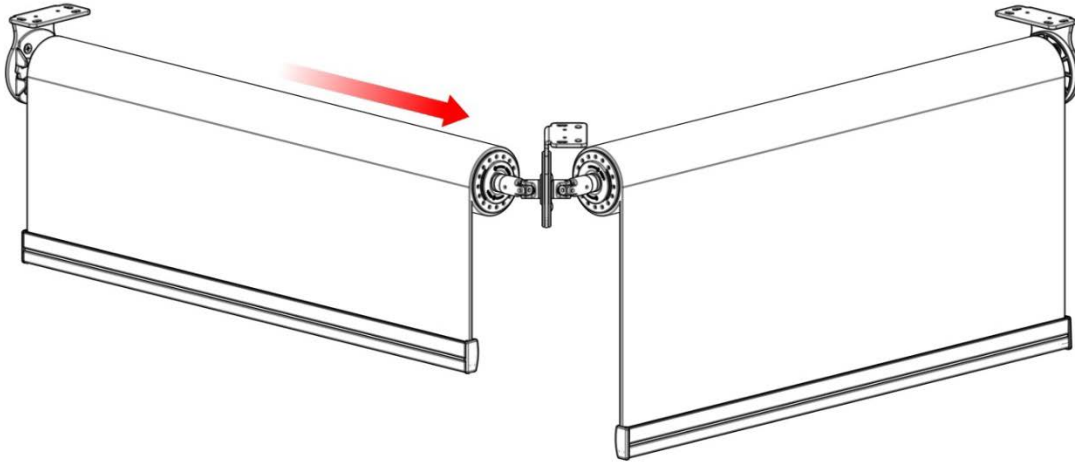
Rotate Adjuster Tool towards ceiling to unlock the Locking Ring



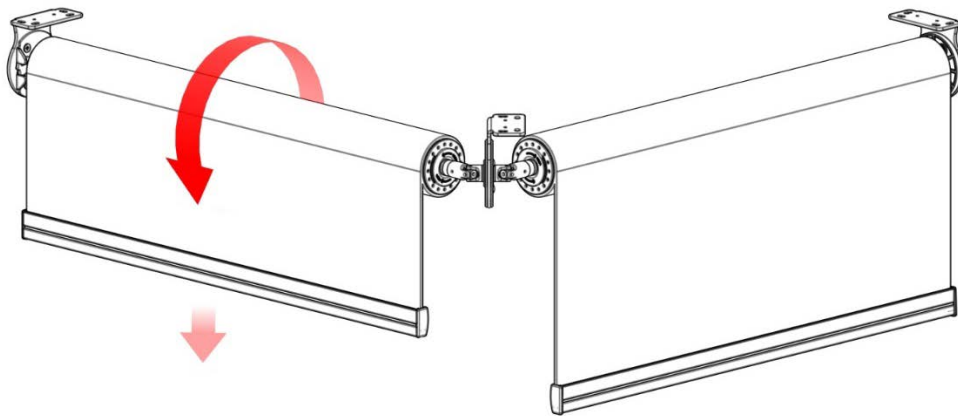
NOTE: The locking ring will feel loose

STEP 2 – OPEN CLUTCH AND ROTATE FABRIC

Push Blind 2 against Intermediate Bracket, allowing the clutch too open, a click will be heard



Rotate Blind 2 and align Fabric



STEP 3 – RE-LOCK RECEIVER ONTO DRIVE

Rotate Adjuster Tool towards ground to lock the Locking Ring of the Uni-Link Intermediate Receiver, the Locking Ring will feel firm. Remove Adjuster.

