

# V-Cover

## INSTALLATION

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## INTRODUCTION

Thank you for purchasing a Transcover ground level covering system. It has been designed and manufactured by Transcover to provide years of trouble-free operation.

Please read and understand this Installation Manual before installing your V-Cover. Correct installation is a requirement for correct operation. Please pay particular attention to the stability of the installation and to the safety indication symbols in the document.

**CONTACT TRANSCOVER FOR FURTHER INSTRUCTIONS BEFORE  
CARRYING OUT ANY WORK THAT IS NOT DESCRIBED IN THIS DOCUMENT.**

**WARRANTY TERMS AVAILABLE AT [WWW.TRANSCOVER.COM/WARRANTY](http://WWW.TRANSCOVER.COM/WARRANTY)**

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## SAFETY SYMBOLS



Wear Head Protection



Use lifting equipment



Switch On



Wear High Visibility Clothing



Caution, can cause injury



Switch Off



Wear safety goggles



Do NOT operate in high winds



Tarp Out



Wear Protective Gloves



Do NOT climb



Tarp In



Wear a Welding Mask



Caution



Weld



Wear Ear Protectors



Refer to operators manual



Cut



Crush hazard, keep hand clear of moving parts



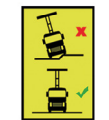
Inspect equipment before use



Drill



Keep hands free of moving parts



Ensure ground is level before use



Measure



Trip hazard



Up



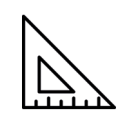
Check Level



Falling object hazard



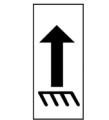
Down



Check square



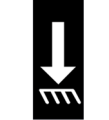
Beware of overhead power cables



Up

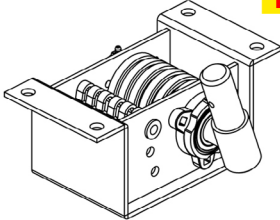
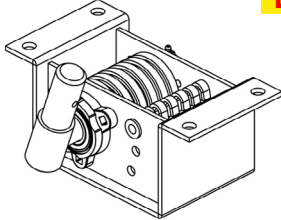
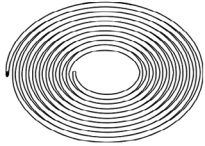
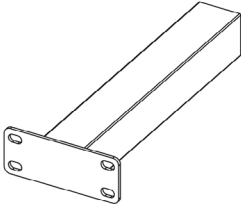
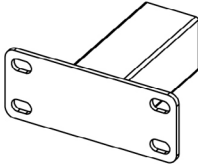


Electrical hazard

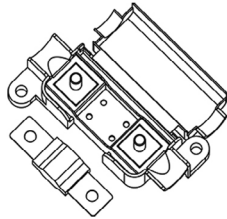
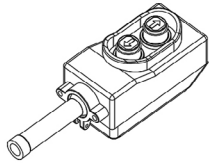



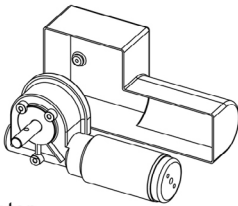
Down

## CHECKLIST 1/3

	<b>B1A</b>		<b>B1A</b>		<b>WALL</b>
V-Cover Spring Assy - LH CODE: VC-LSPMA-01	x 1 <input type="checkbox"/>	V-Cover Spring Assy - RH CODE: VC-RSPMA-01	x 1 <input type="checkbox"/>	2 Core Wire (5M) CODE: U-WIRE-01	x 1 <input type="checkbox"/>
	<b>A4A</b>		<b>A4A</b>		
VC Housing Leg (70 x 70) CODE: VC-HOUSL-01	x 2 <input type="checkbox"/>	VC Housing Leg (60 x 60) CODE: VC-HOUSL-02	x 2 <input type="checkbox"/>		

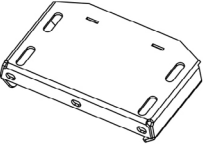
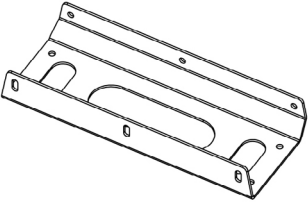
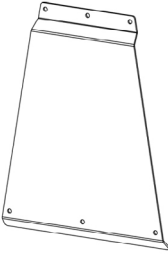
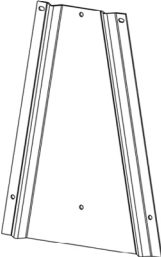
## CARTON 2 ON PALLET

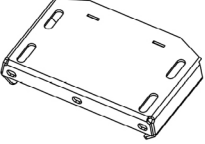
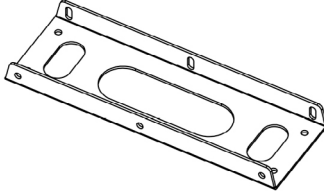
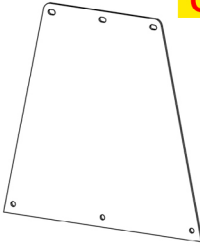
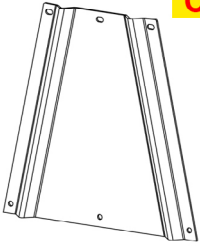
<b>CARTON 2A</b>	<b>A3A</b>		<b>A3C</b>		<b>A3C</b>
Relay Box CODE: U-RB-01	x 1 <input type="checkbox"/>	80A Fuse & Holder CODE: U-80F-01	x 1 <input type="checkbox"/>	Waterproof Switch CODE: U-WSW-01	x 1 <input type="checkbox"/>
	<b>OFFICE</b>				
Caution Stickers, Manual & Serial CODE: N/A	x 1 <input type="checkbox"/>				

<b>CARTON 2B</b>	<b>C3C</b>		<b>MOTOR SERIAL NO:</b>
24v Motor CODE: U-MOTOR-01	x 1 <input type="checkbox"/>	.....	

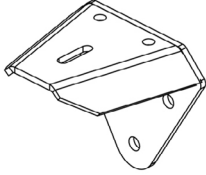
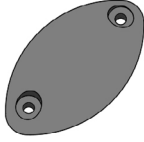
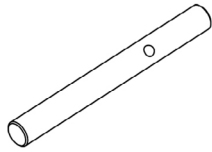
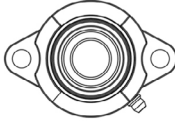
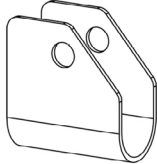
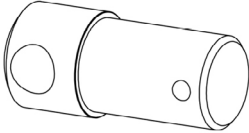
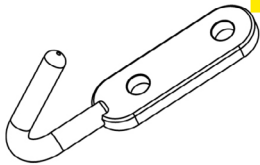
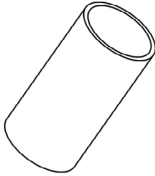
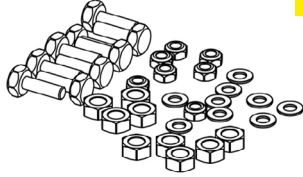
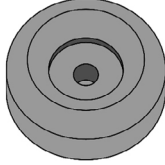
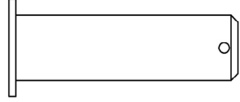
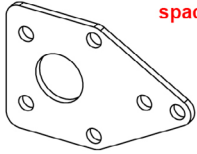
	Customer Spec Tarp CODE: REFER TO WORKS ORDER	x 1 <input type="checkbox"/>
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## CHECKLIST 2/3

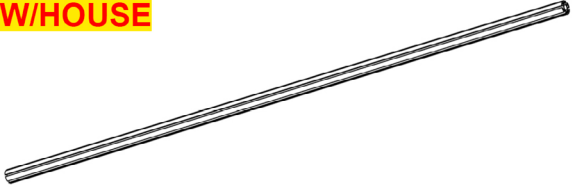
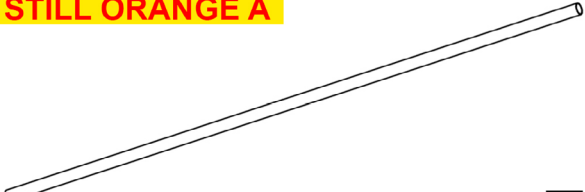
LARGE MOUNT	C2B	C2B	C2B	C2B	
					
Mount Top Plate CODE: VC-MTP-01	x 2 <input type="checkbox"/>	Mount Cross Plate (Large) x 2 CODE: VC-MCP-01	x 2 <input type="checkbox"/>	Mount Front Plate (Large) x 2 CODE: VC-MFP-01	Mount Back Plate (Large) x 2 CODE: VC-MBP-01

MEDIUM MOUNT	C2B	C2C	C2C	C2C	
					
Mount Top Plate CODE: VC-MTP-01	x 2 <input type="checkbox"/>	Mount Base Plate (Medium) x 2 CODE: VC-MCP-??	x 2 <input type="checkbox"/>	Mount Front Plate (Medium) x 2 CODE: VC-MFP-02	Mount Back Plate (Medium) x 2 CODE: VC-MBP-02

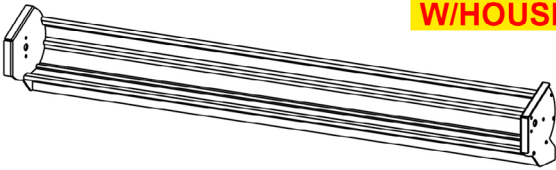
## CHECKLIST 3/3

CARTON 2C		A4B	A4B	A4C
	VC Rear Rest CODE: VC-SRR-01	x 2 <input type="checkbox"/>		Mouse Buffer CODE: U-BUFF-03
	3/4" Shaft CODE: U-34SH-01	x 1 <input type="checkbox"/>		3/4" Bearing CODE: U-34B-01
	VC Pivot Bracket CODE: VC-PIVOT-03	x 2 <input type="checkbox"/>		VC Stub Shaft CODE: VC-PIVOT-02
	Rope Hook CODE: U-RHOOK-01	x 2 <input type="checkbox"/>		42mm Joiner CODE:
				VC Bolt Kit CODE: VC-BOLT-01
				Round Buffer CODE: U-BUFF-04
				VC Pivot Pin CODE: VC-PIVOT-01
				Housing Ear Plate CODE:
				Used as motor spacer plate

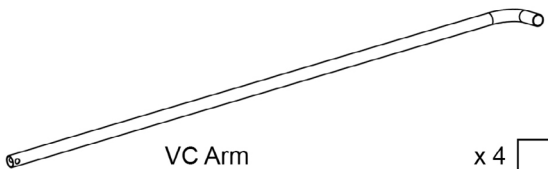
### CARTON 3 NOT ON PALLET

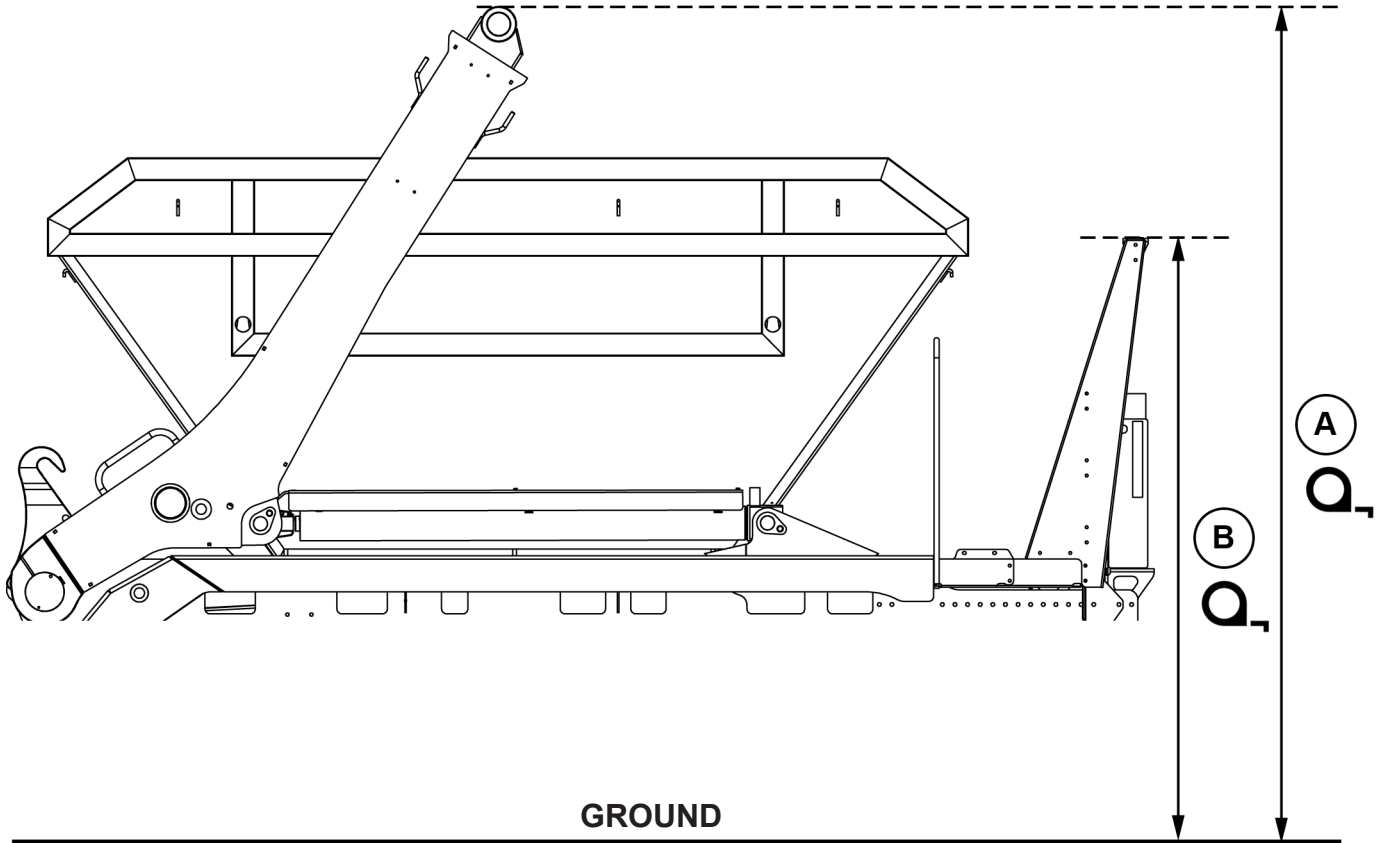
	Extruded Rollerbar CODE: U-EXRB-01	x 1 <input type="checkbox"/>		VC Cross Bar CODE: U-CB-01	x 2 <input type="checkbox"/>
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### CARTON 4 NOT ON PALLET

	VC Housing CODE: VC-HOUS-01	x 1 <input type="checkbox"/>
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### CARTON 5 NOT ON PALLET

	VC Arm CODE: VC-ARM-01	x 4 <input type="checkbox"/>
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A - B = ..... - 300mm = HOUSING LEG LENGTH

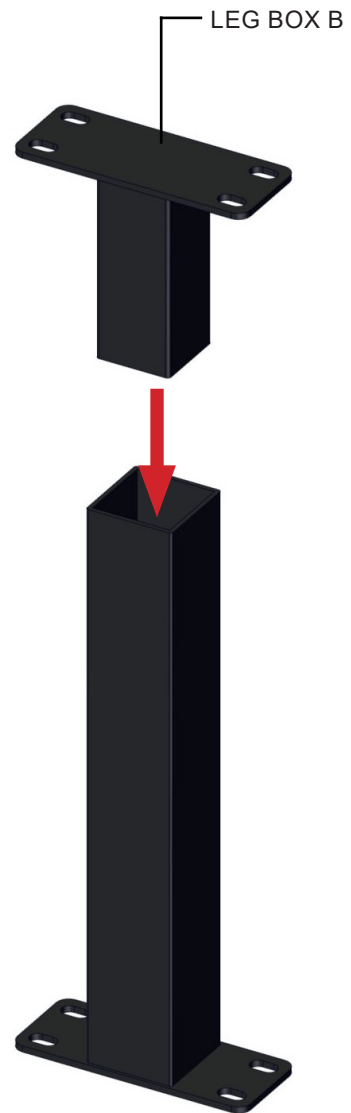
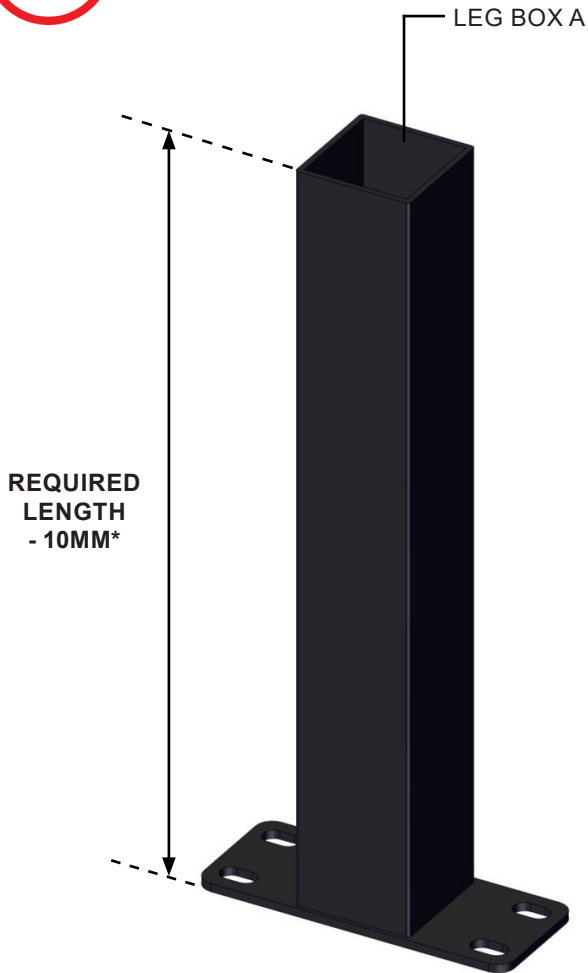


## HOUSING LEG - CUTTING



STANDARD KIT INSTALL.  
PAGE 26 FOR TOWER FITTING

## FABRICATE X 2 LEGS

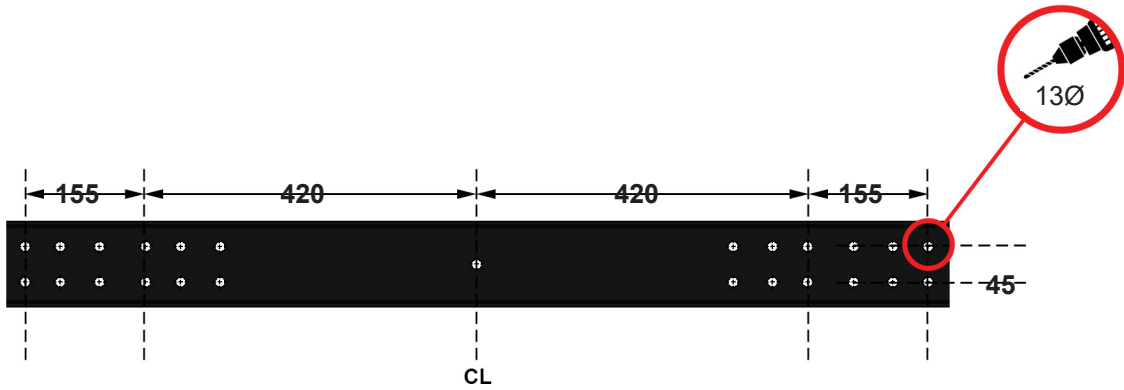


\* ALLOWING FOR 2 X 5MM PLATES

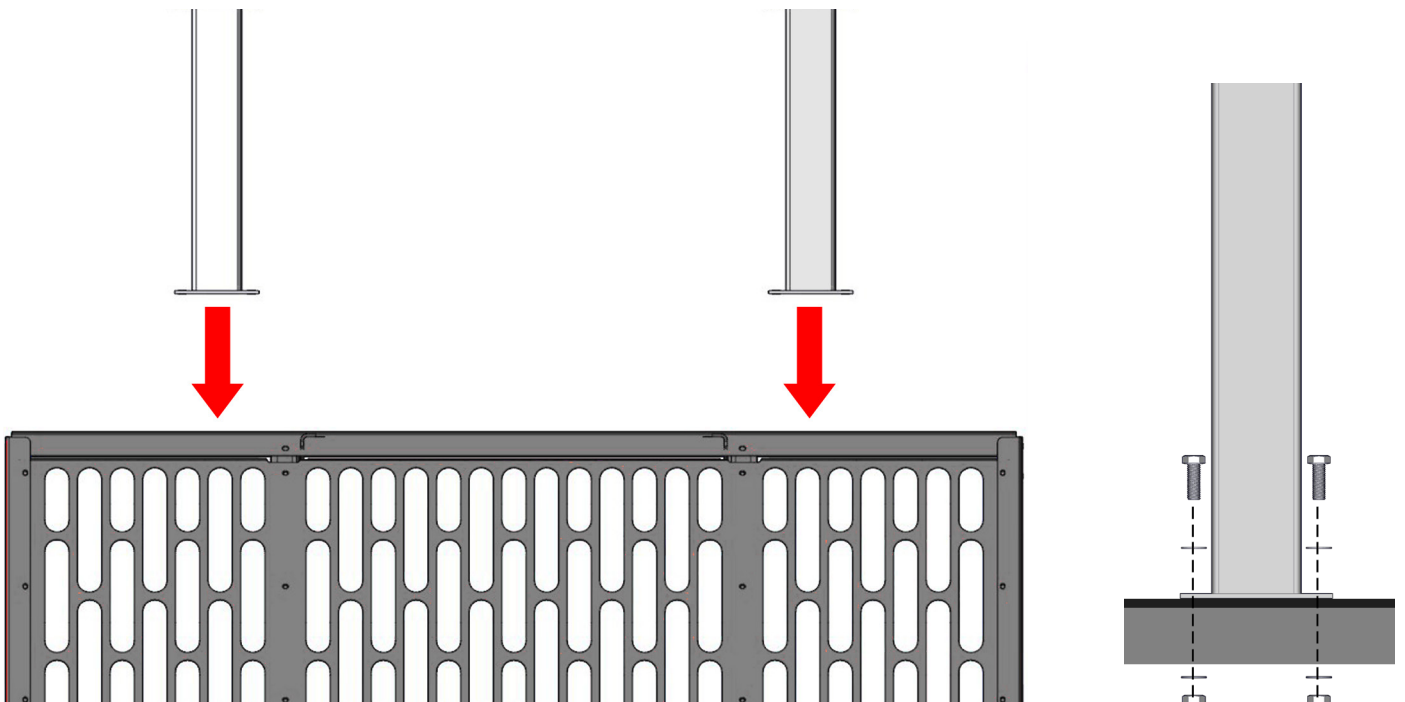
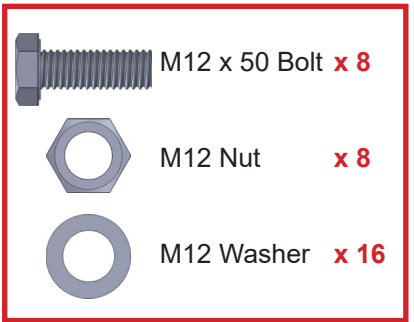
## HOUSING LEG - INSTALLATION



## HEADBOARD DRILLING GUIDE



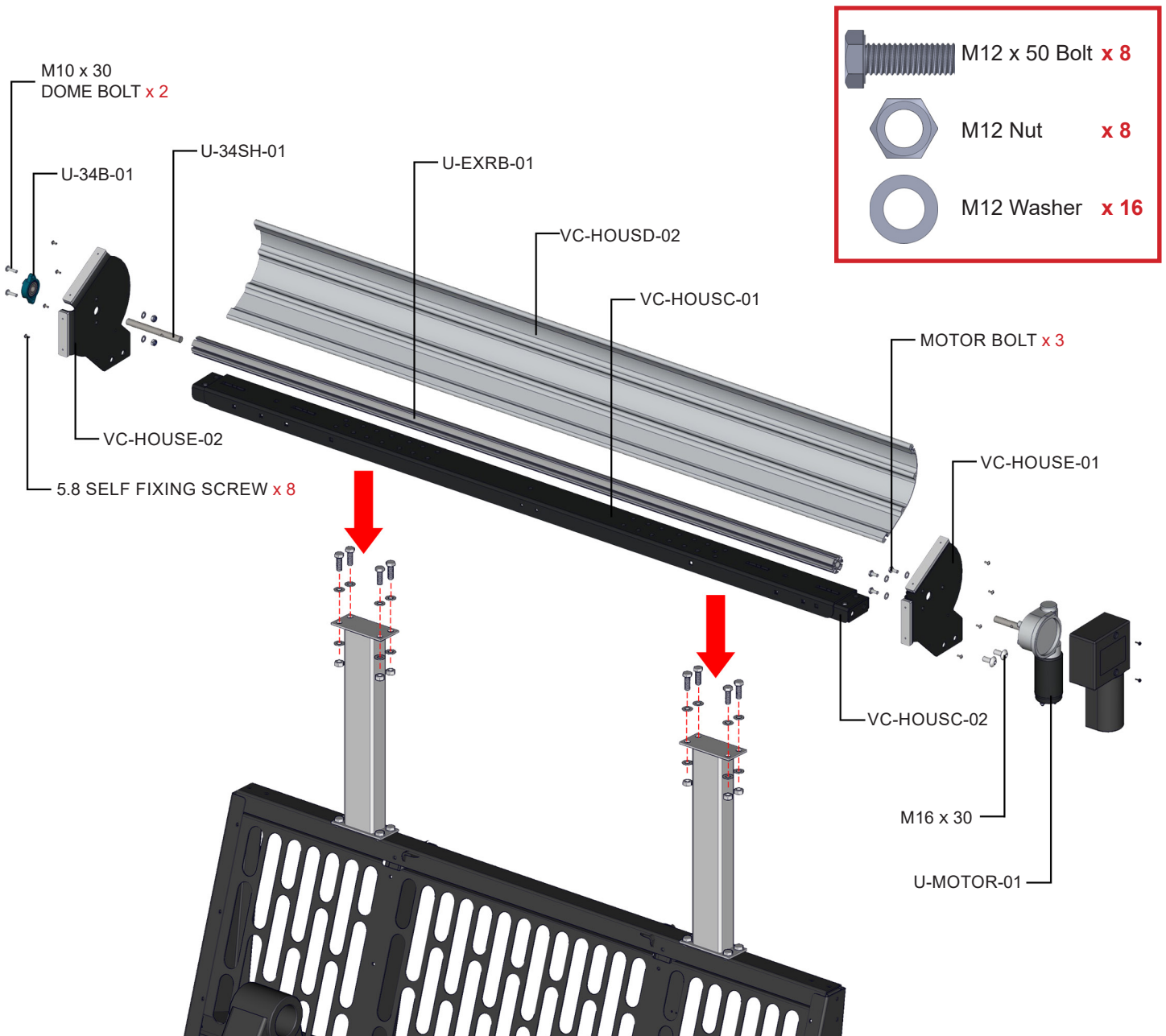
## LEG INSTALL



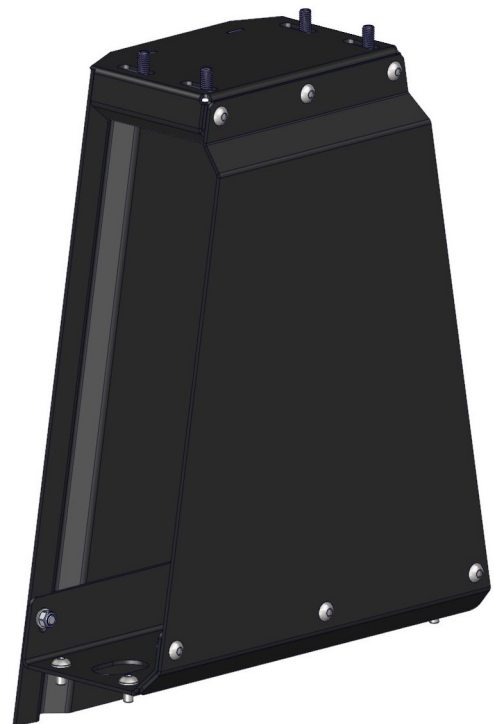
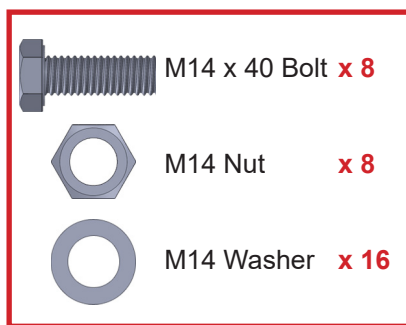
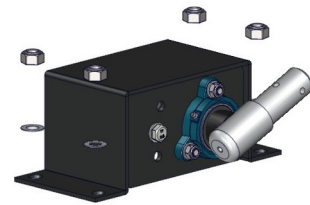
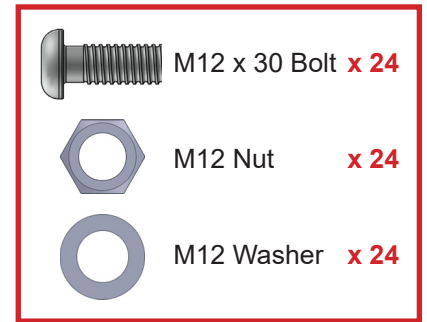
## HOUSING LEG - INSTALLATION



### HOUSING UNDERSIDE



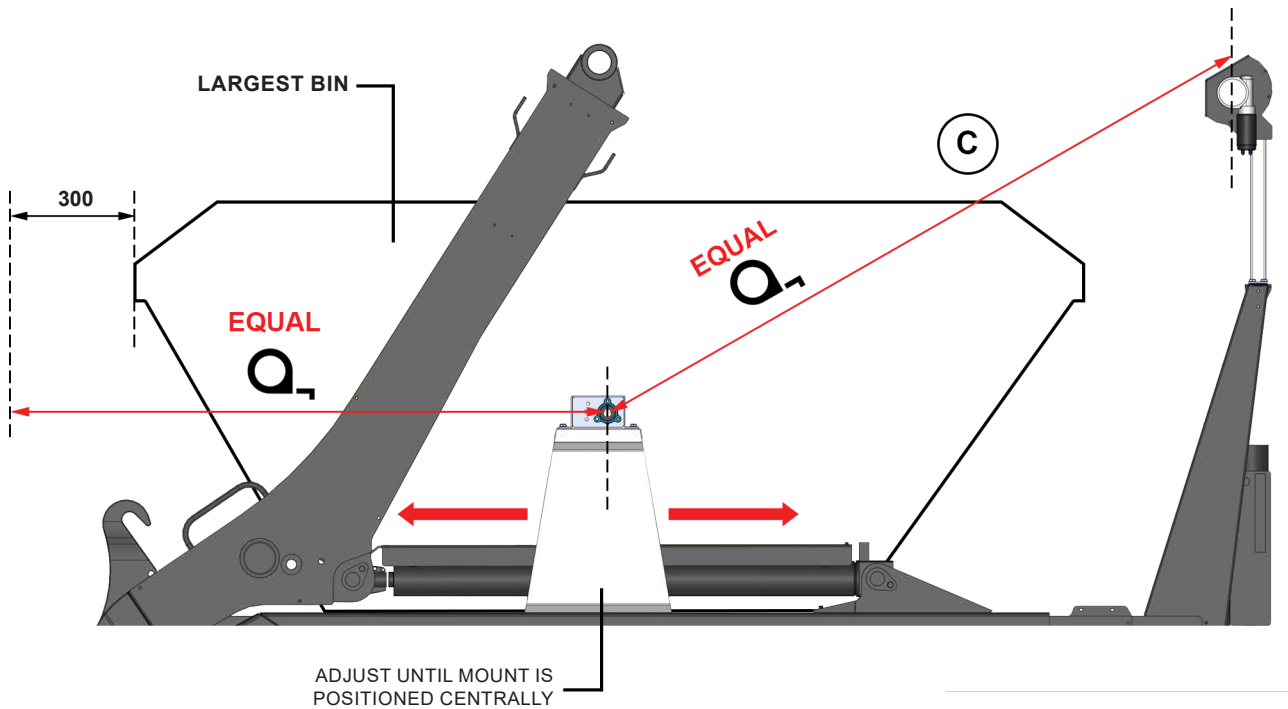
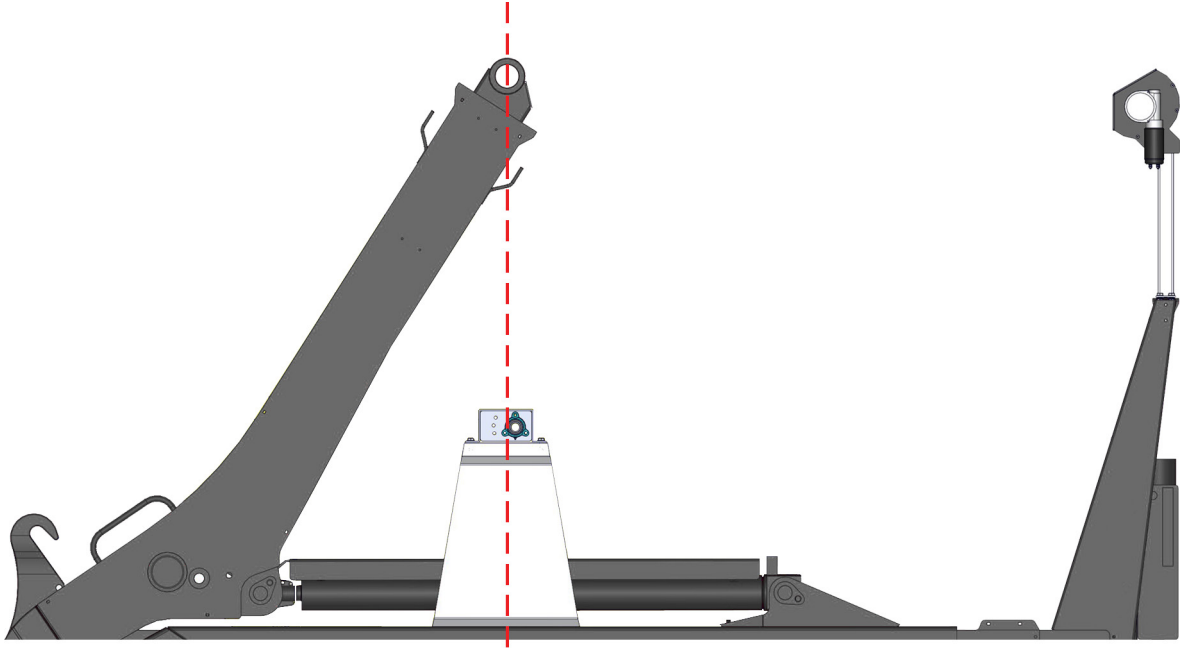
## SPRING INSTALLATION



## SPRING MOUNT POSITIONING

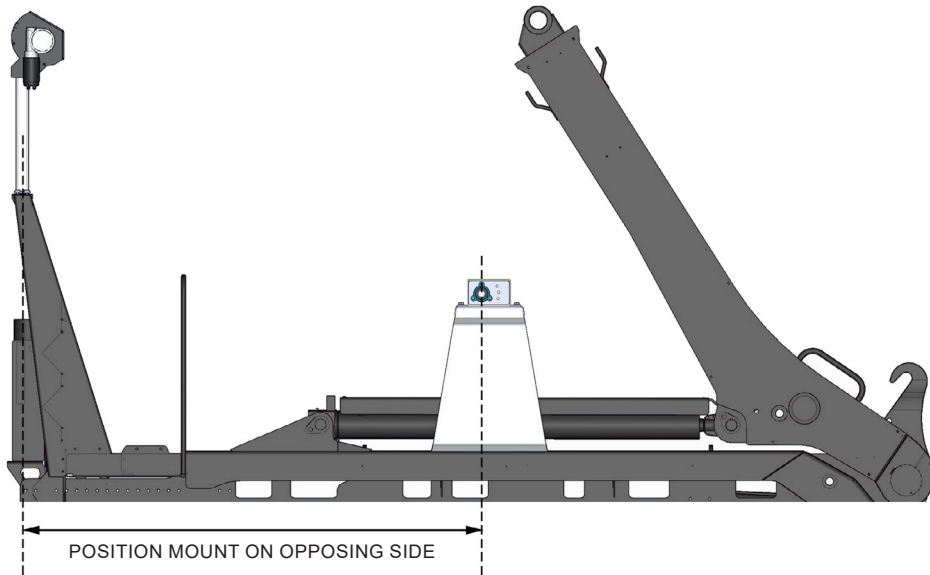
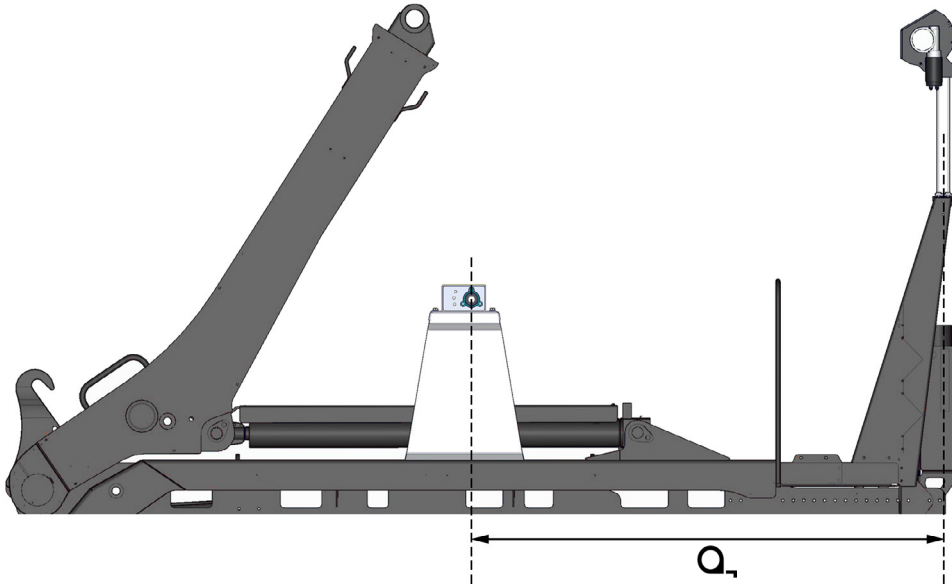


### APPROXIMATE MOUNT POSITION

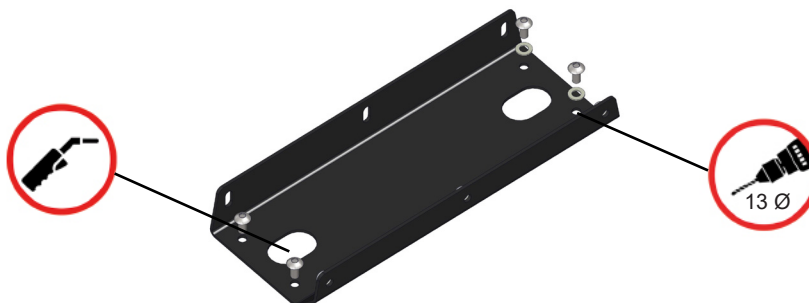


NOTE C ON PAGE 11

## SPRING MOUNT POSITIONING



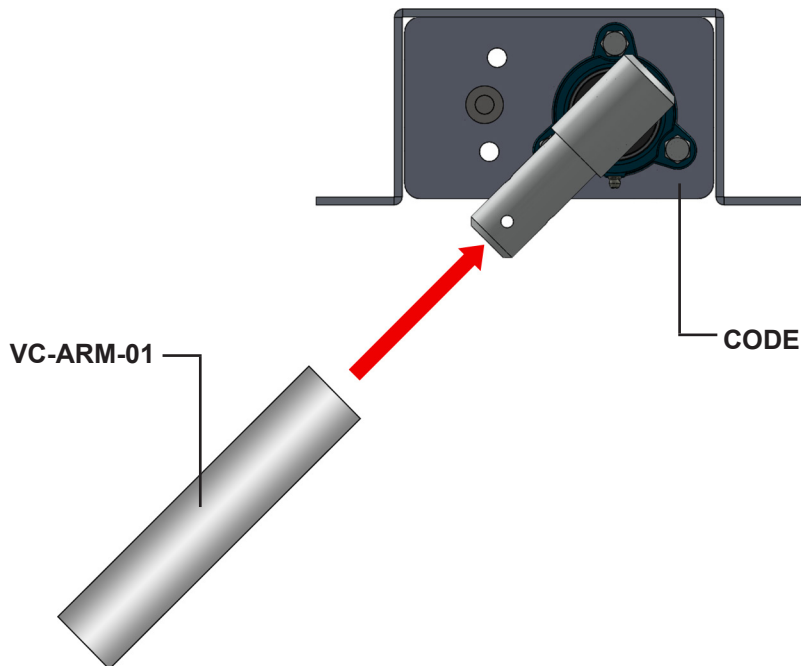
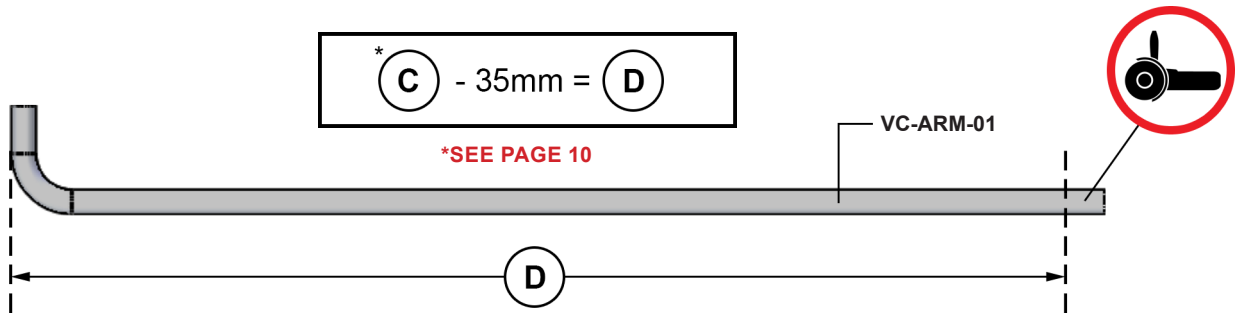
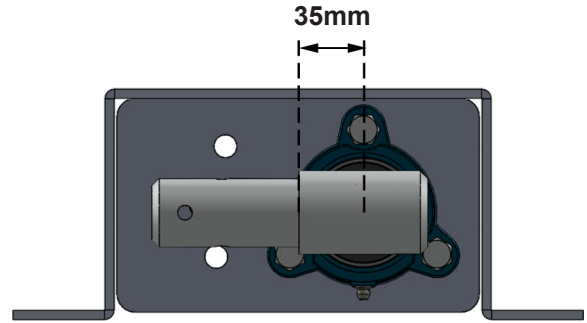
WELD OR DRILL



## PRIMARY ARM INSTALLATION

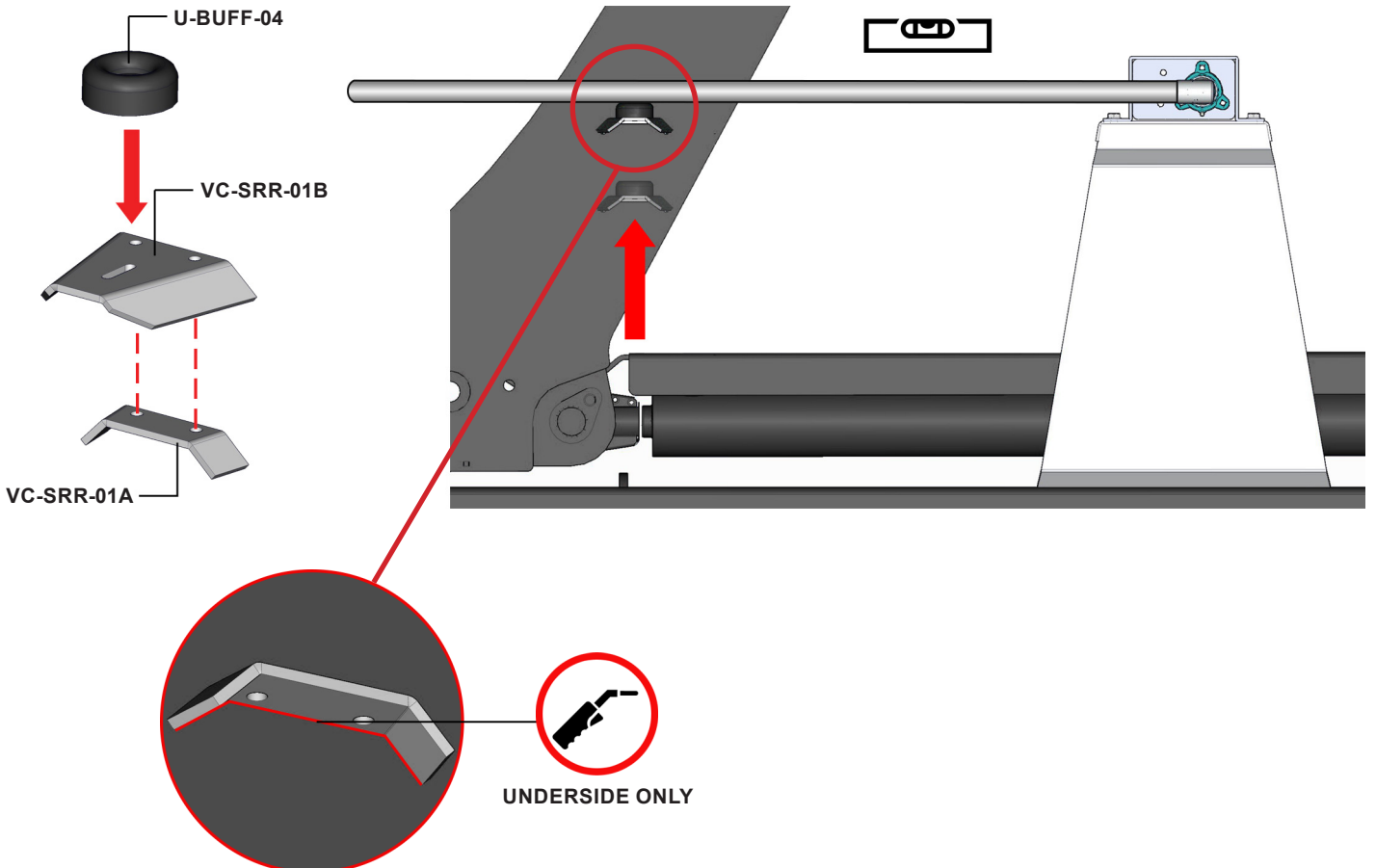
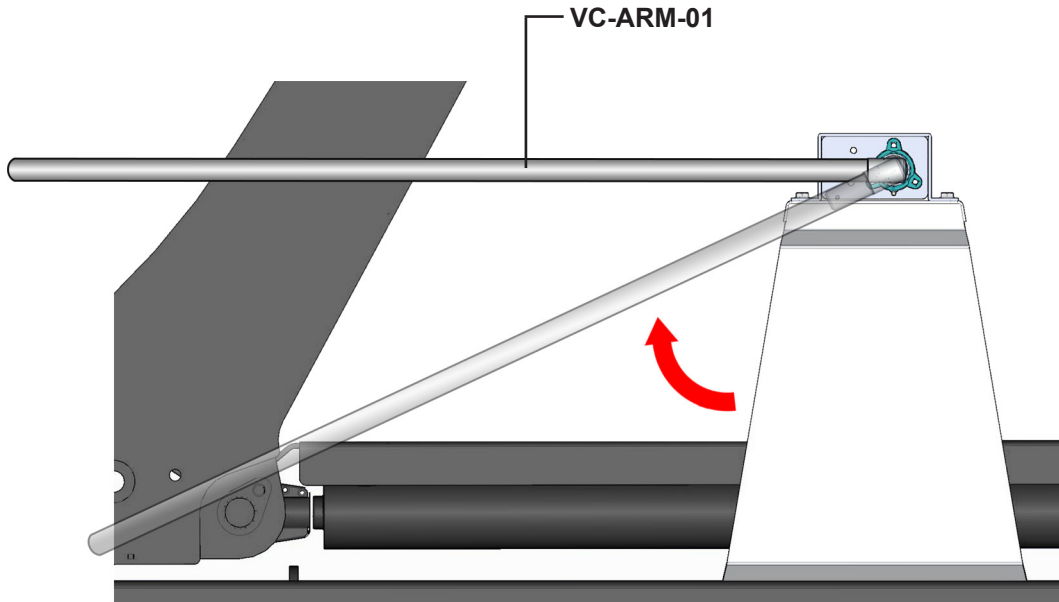


### PRIMARY ARM SET



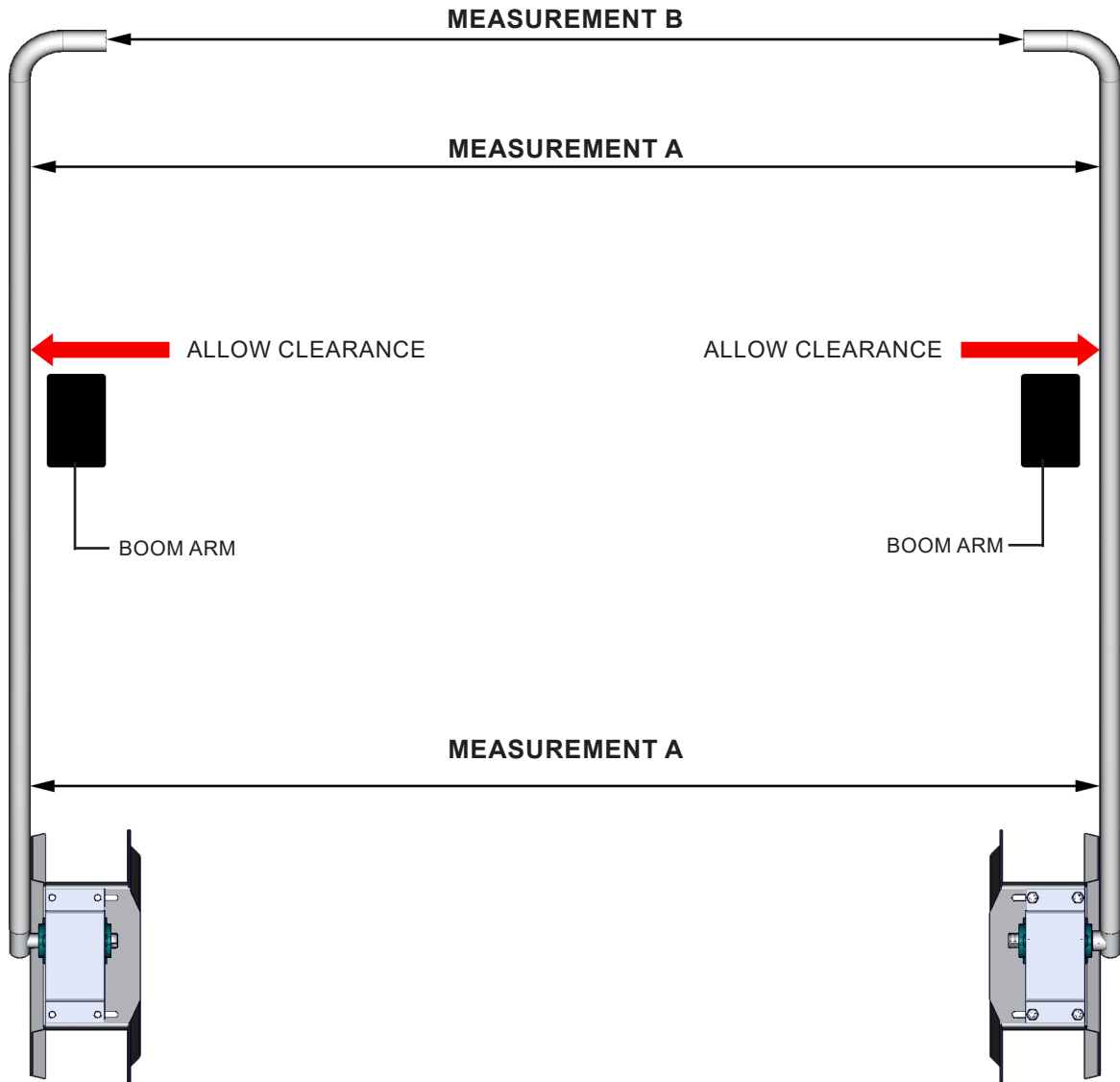
• LOOSELY ATTACH ARM

## REAR REST INSTALLATION

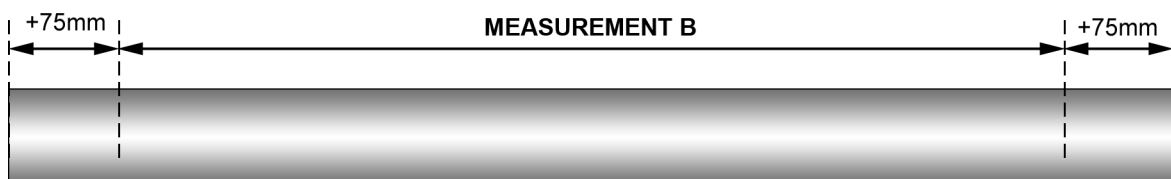




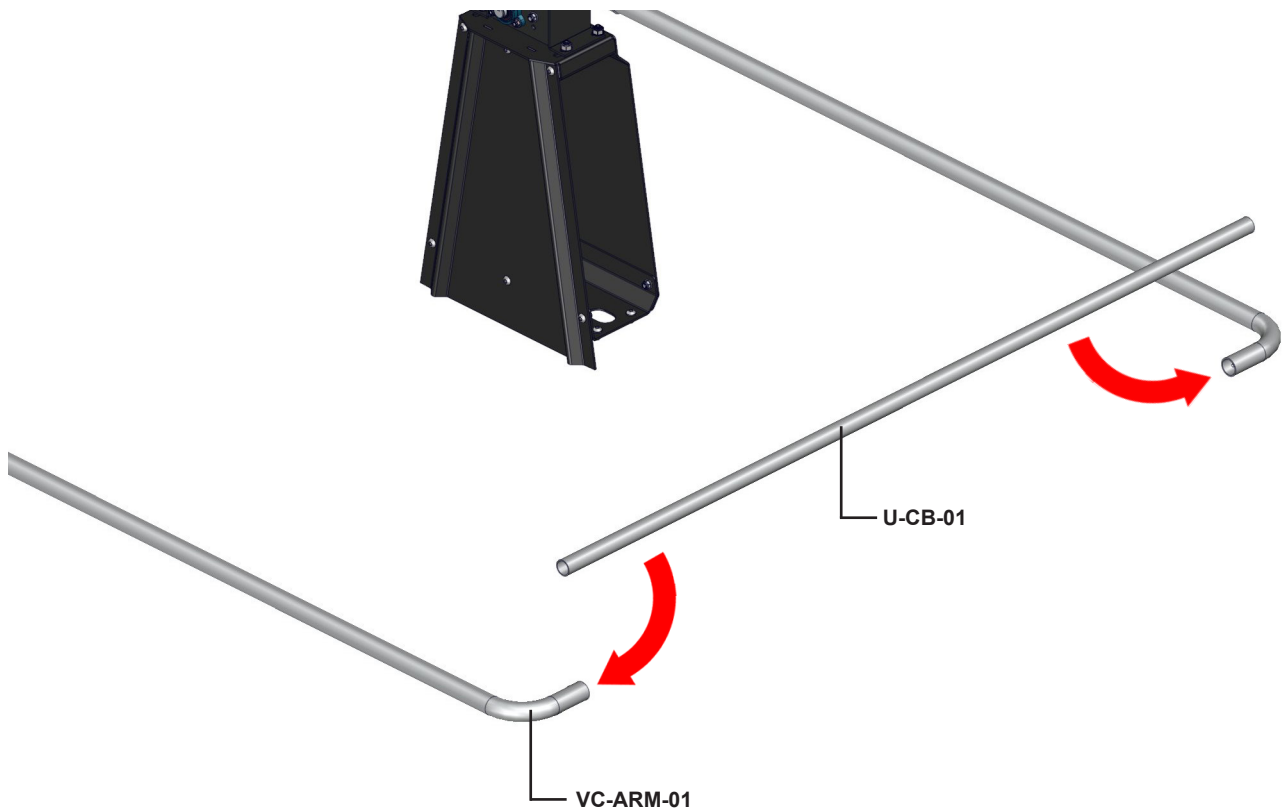
## CROSSBAR DIMENSION



## CROSSBAR LENGTH



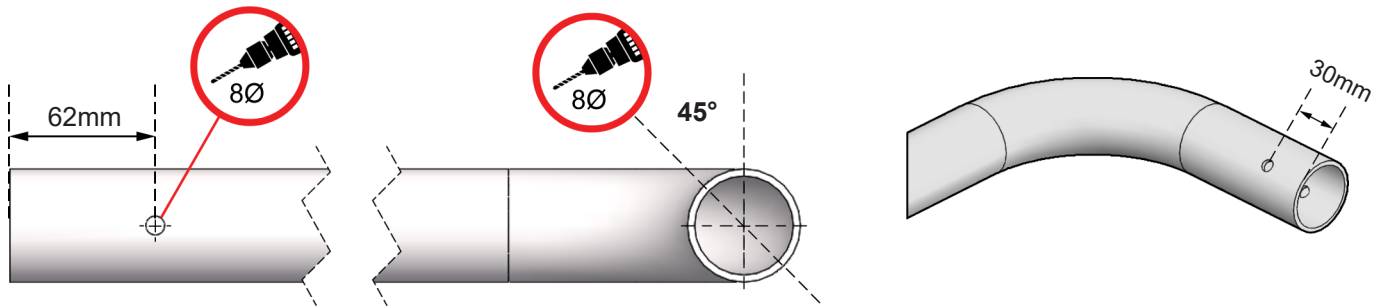
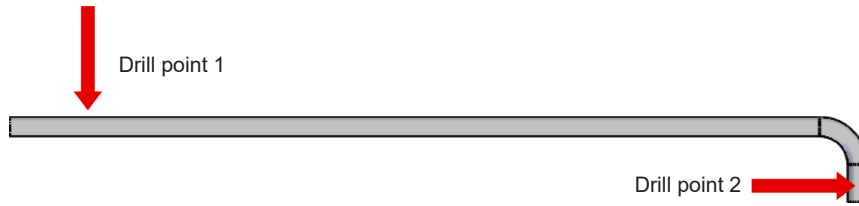
## CROSSBAR INSTALLATION



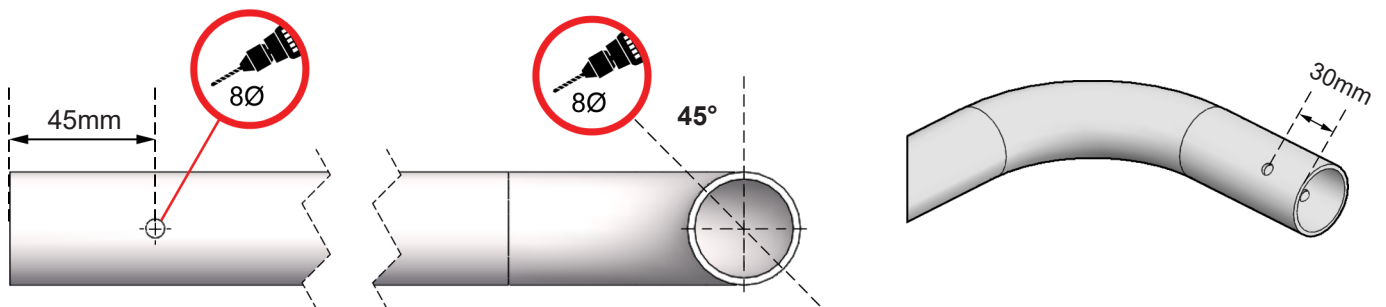
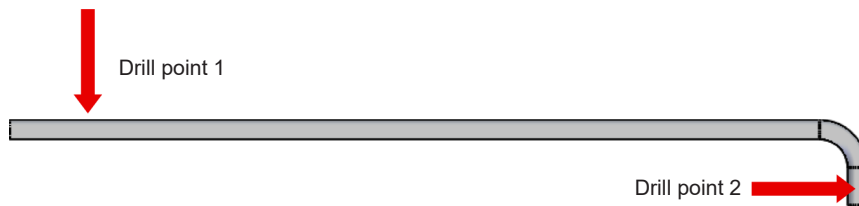
## ARMS - DRILLING



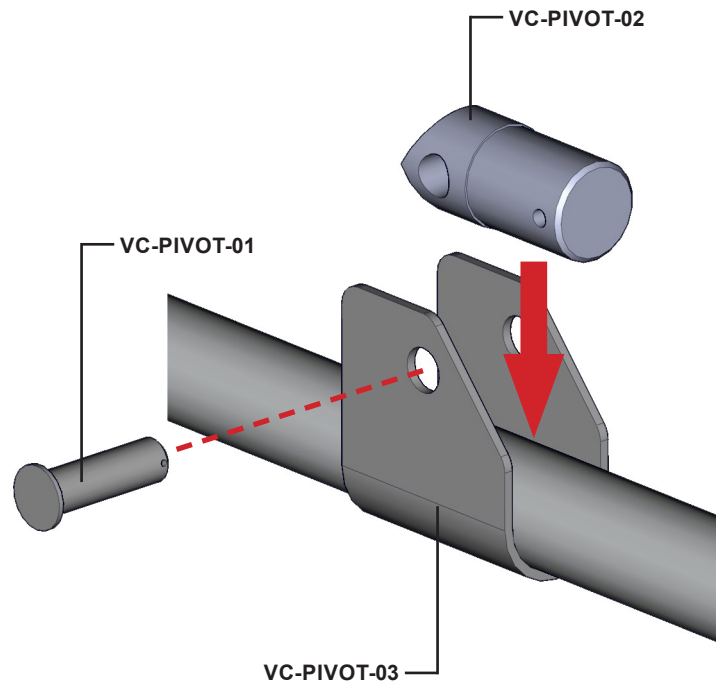
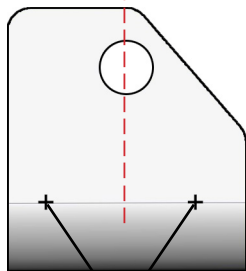
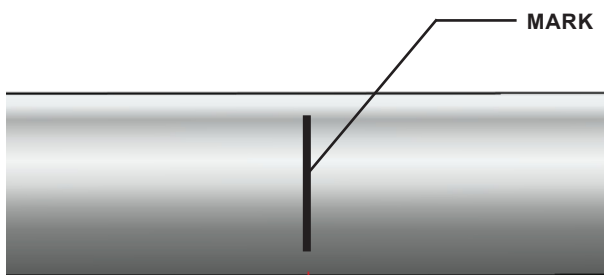
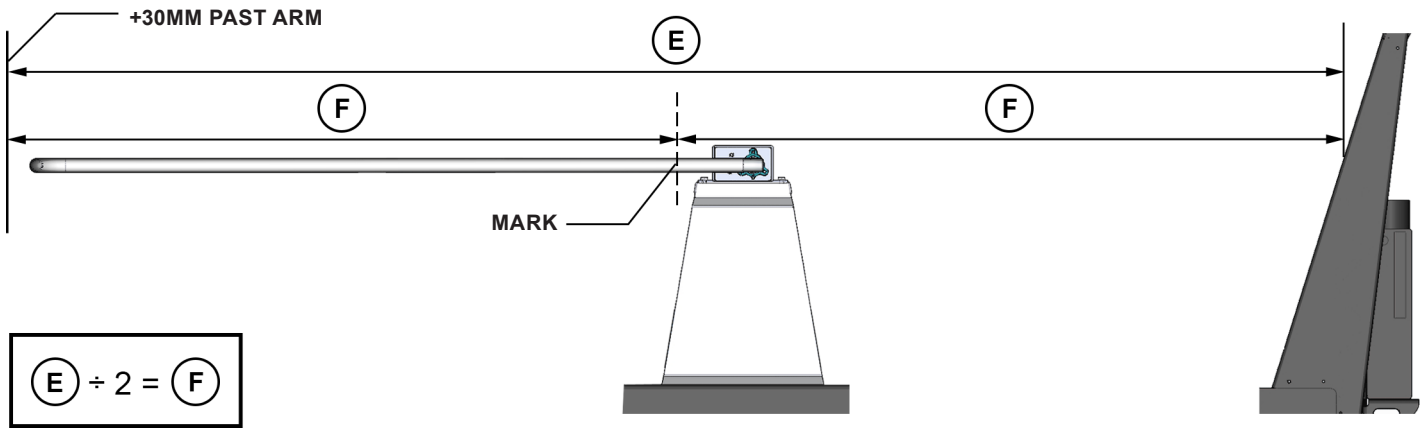
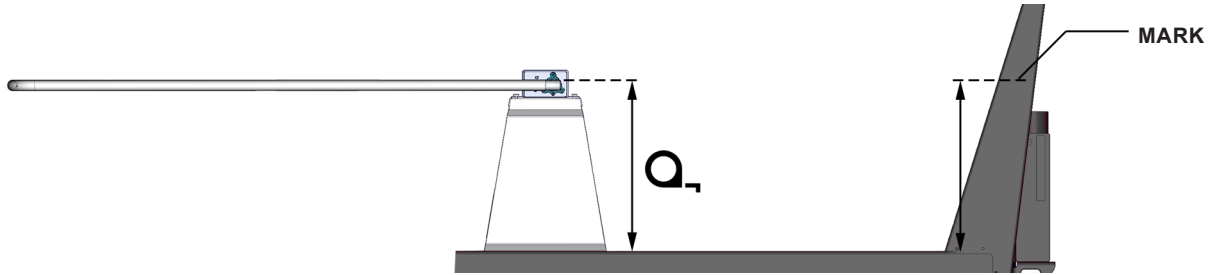
### PRIMARY ARM



### SECONDARY ARM



## SECONDARY ARM DIMENSION



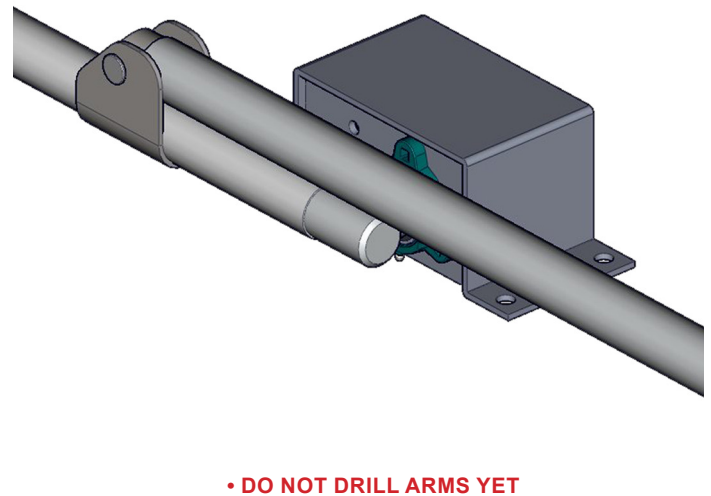
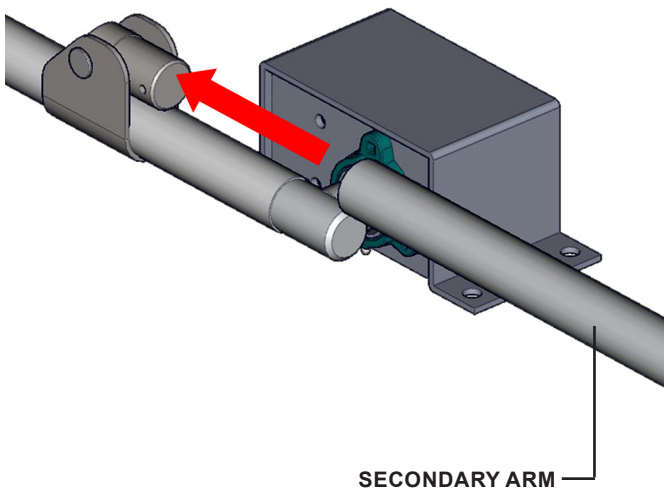
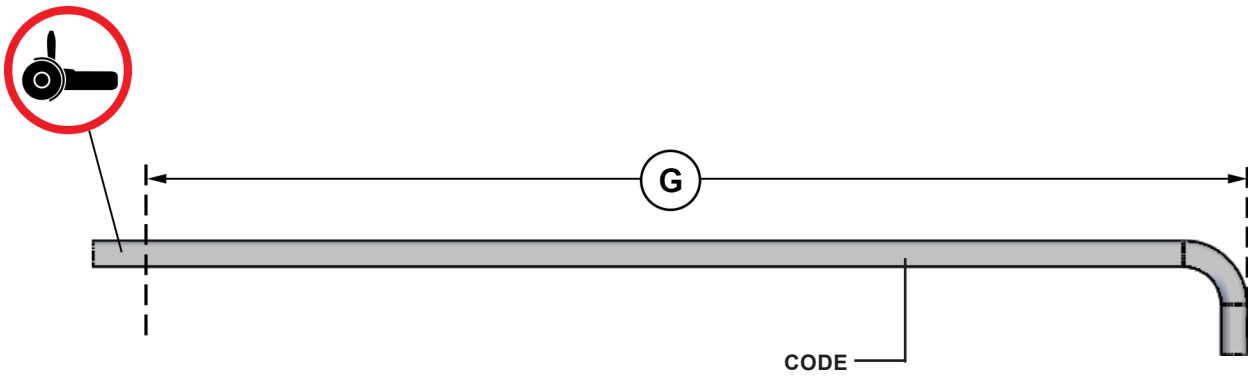
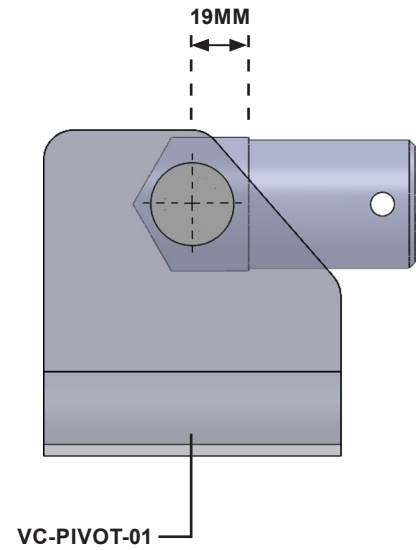
## SECONDARY ARM INSTALLATION



### SECONDARY ARM SET

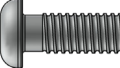


$$* \text{F} - 32\text{mm} = \text{G}$$

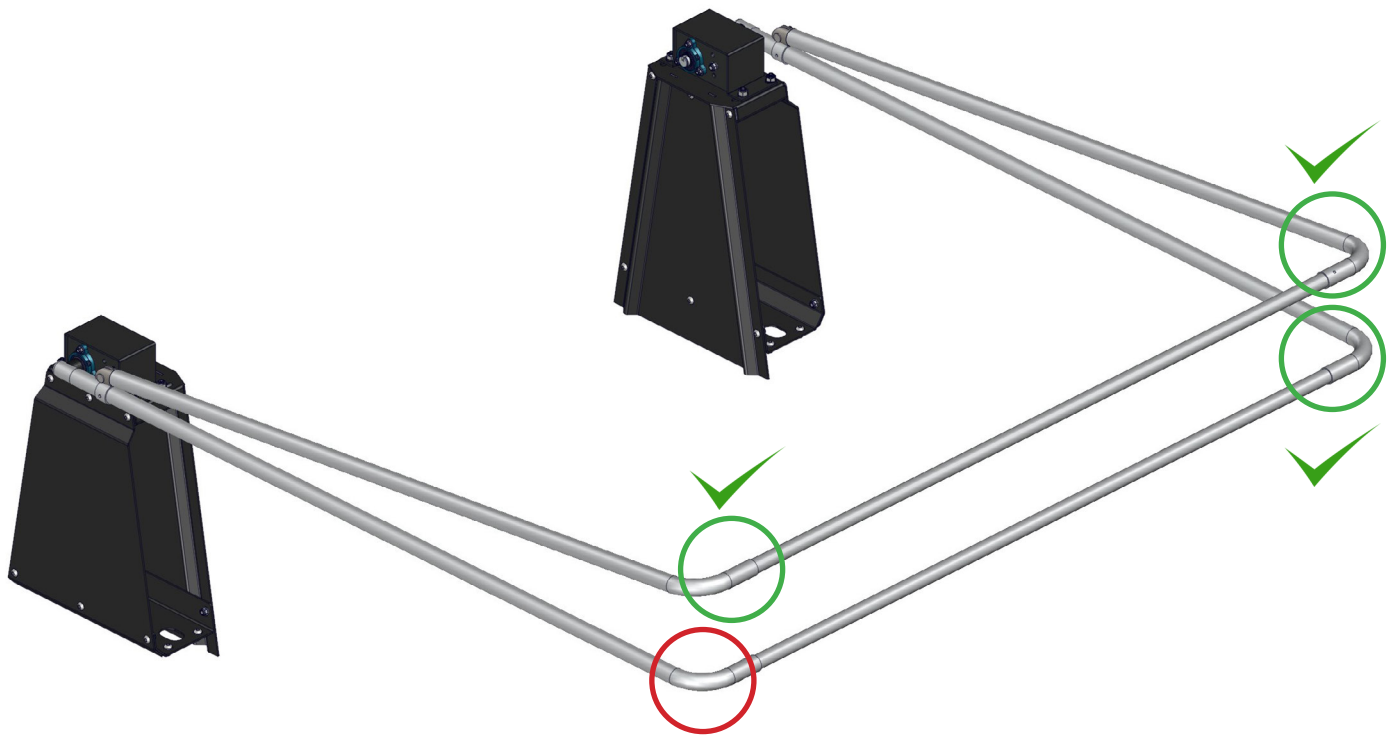
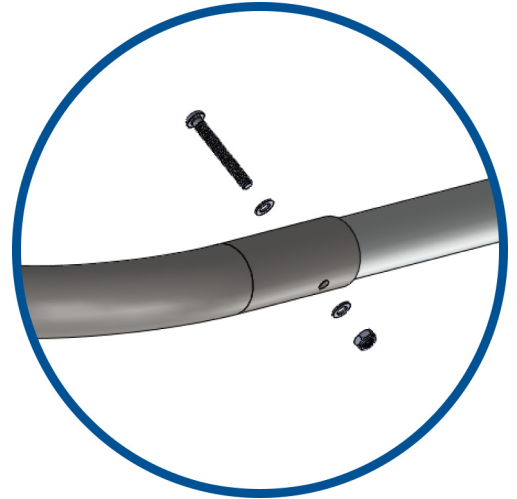
\*see page 14



## ARMS - FIXING

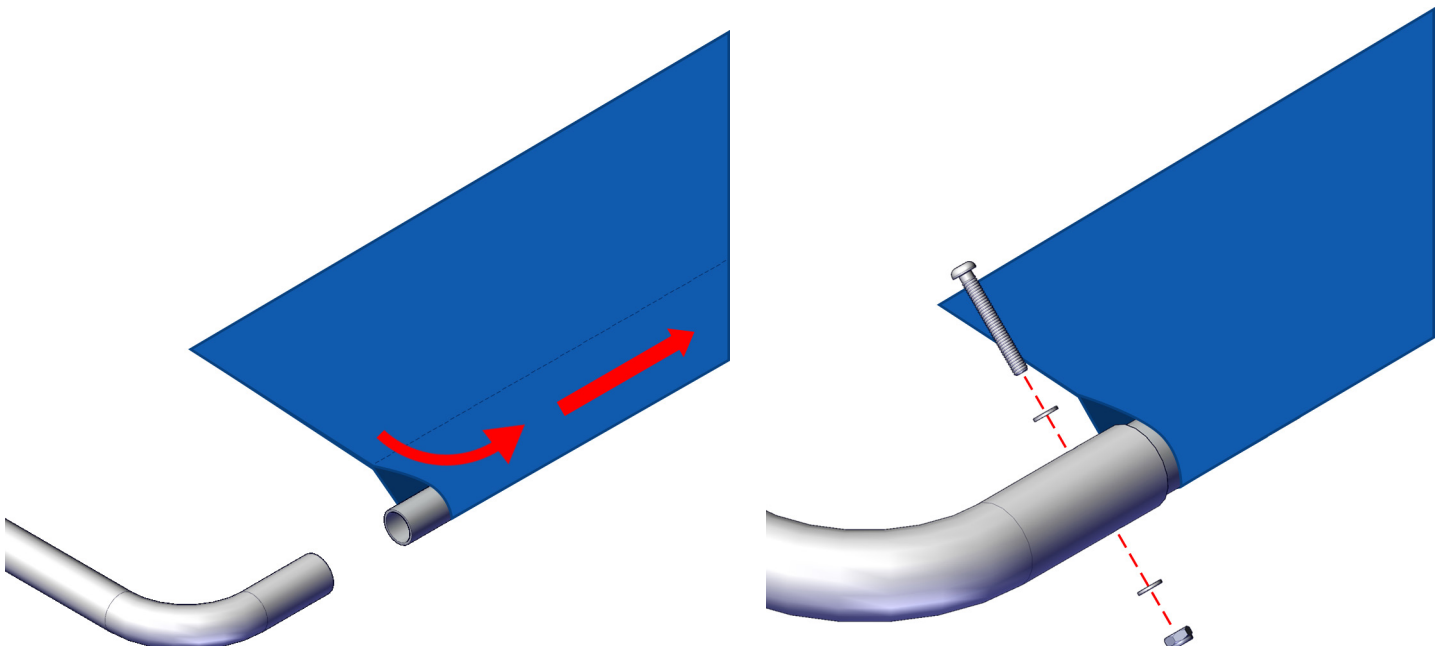
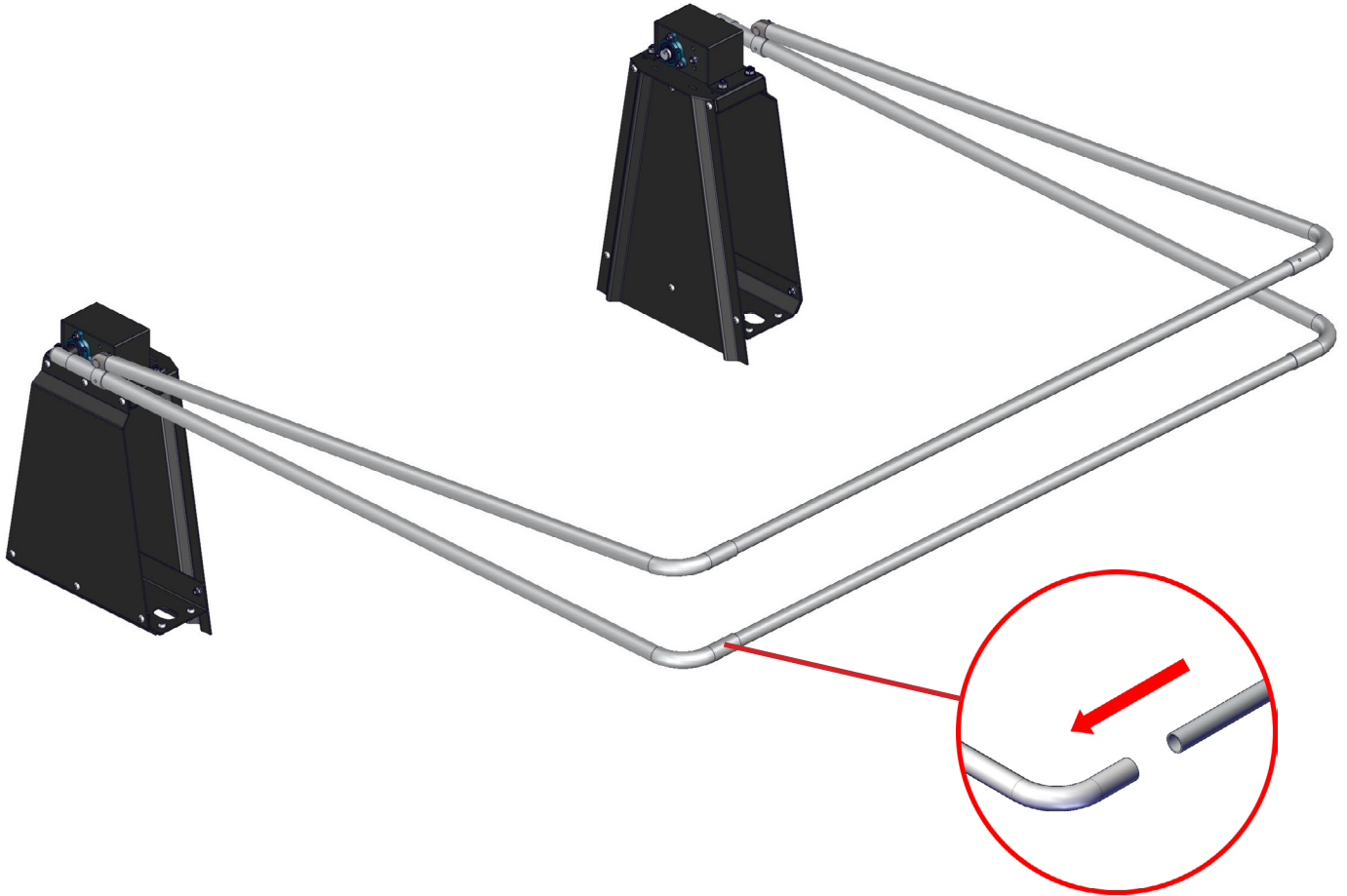


	M8 x 60 Bolt	x 4
	M8 Nut	x 4
	M8 Washer	x 8

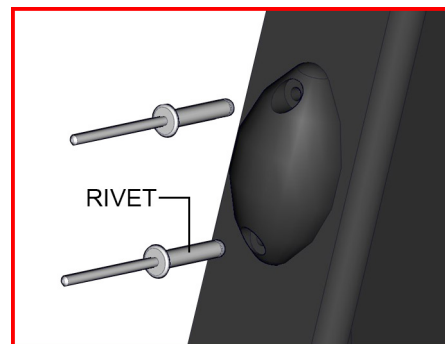
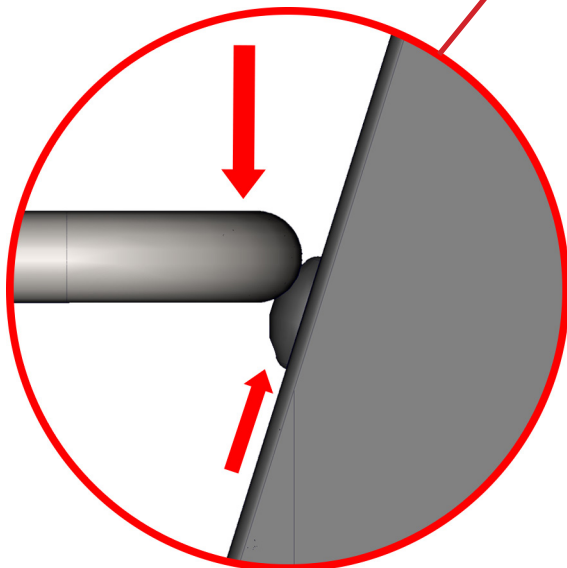
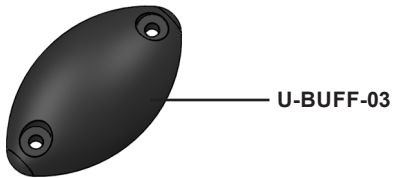
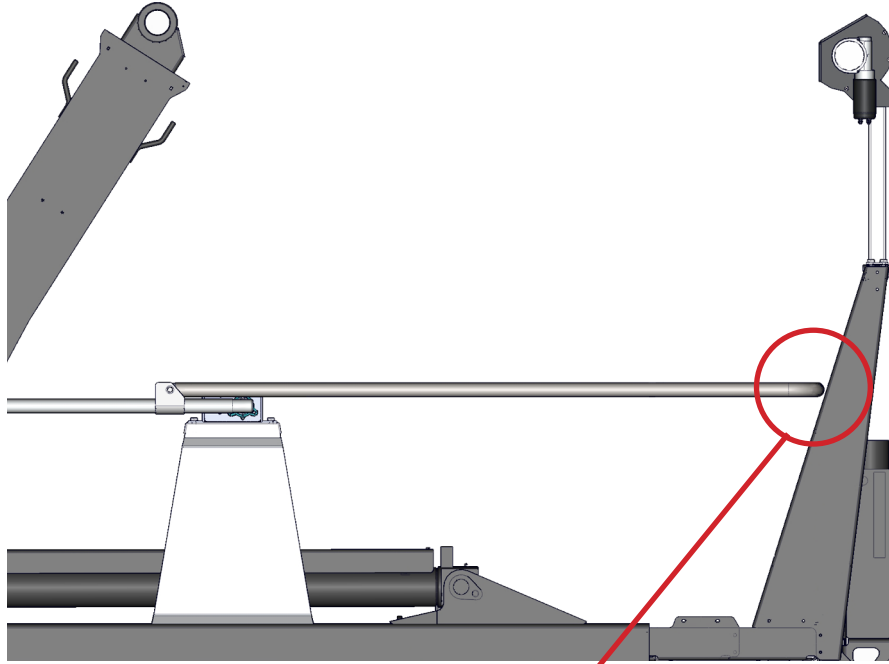


**X LEAVE UNATTACHED FOR TARP INSTALLATION**

## TARP - INSTALLATION

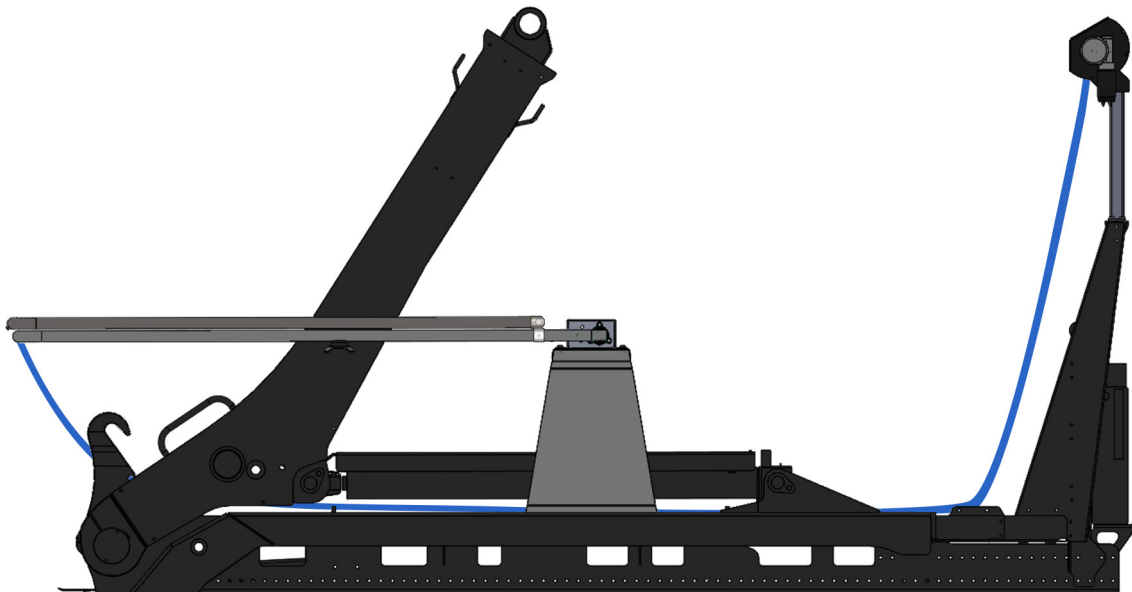
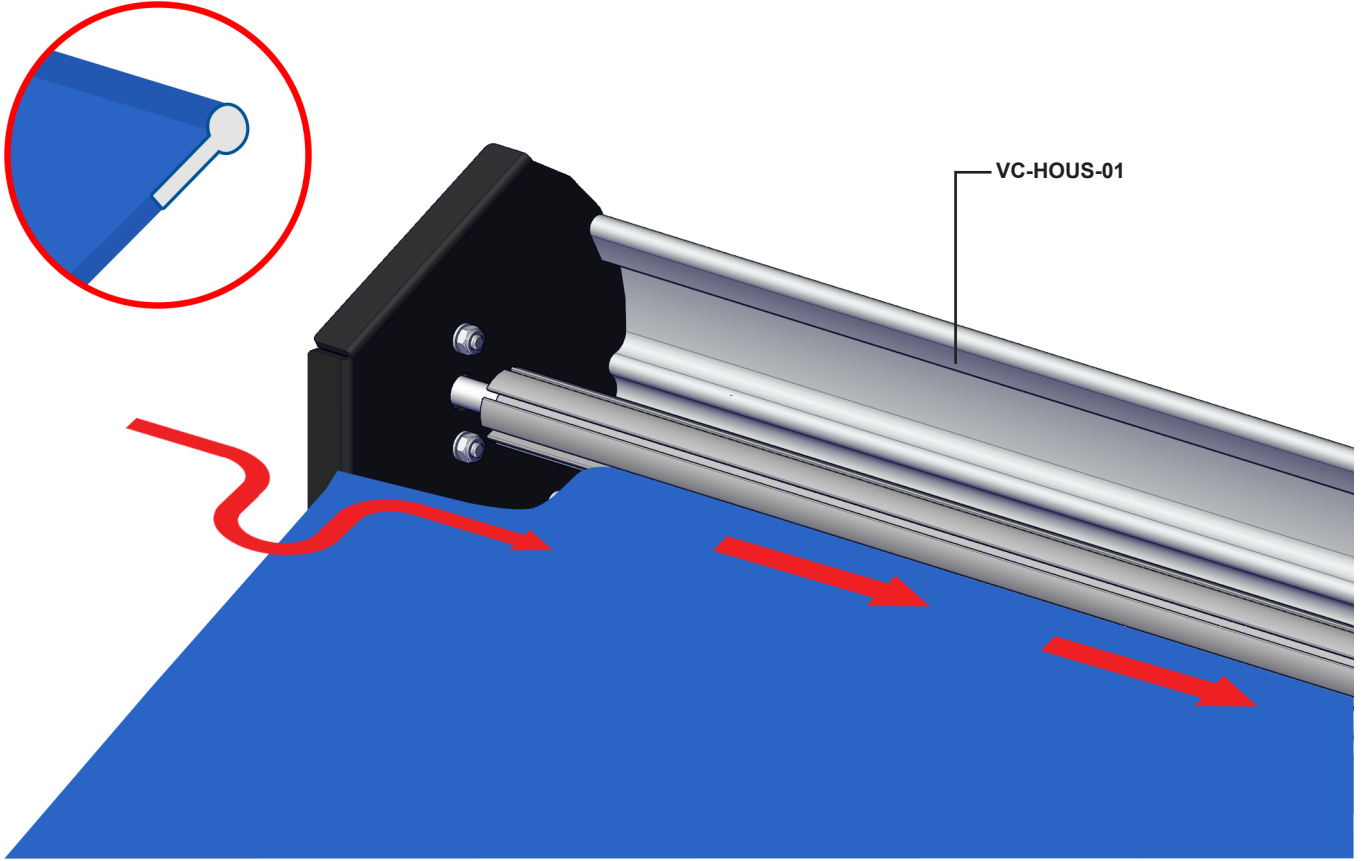


## BUFFER - INSTALLATION

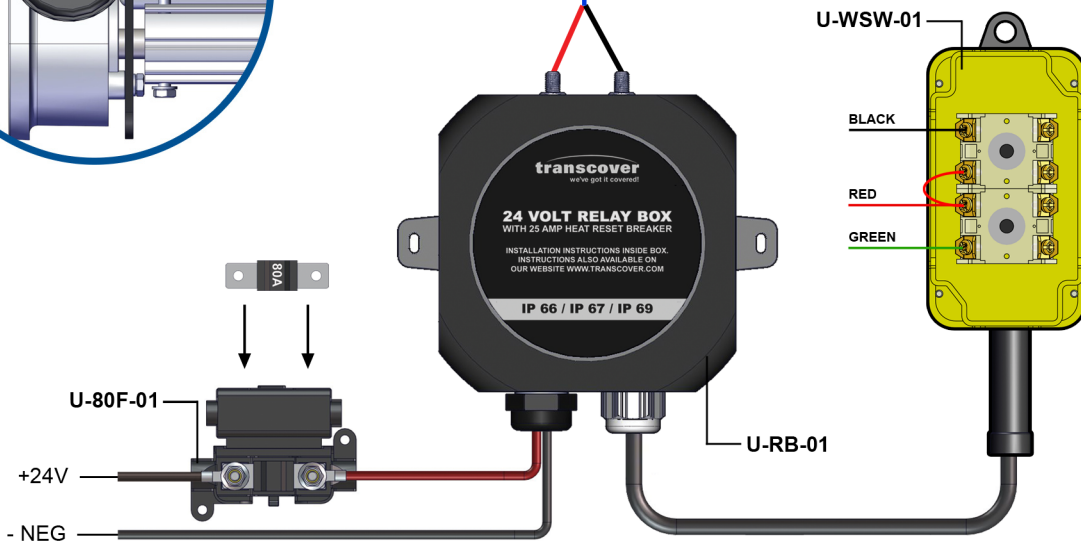
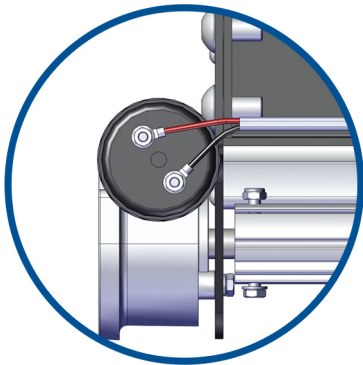
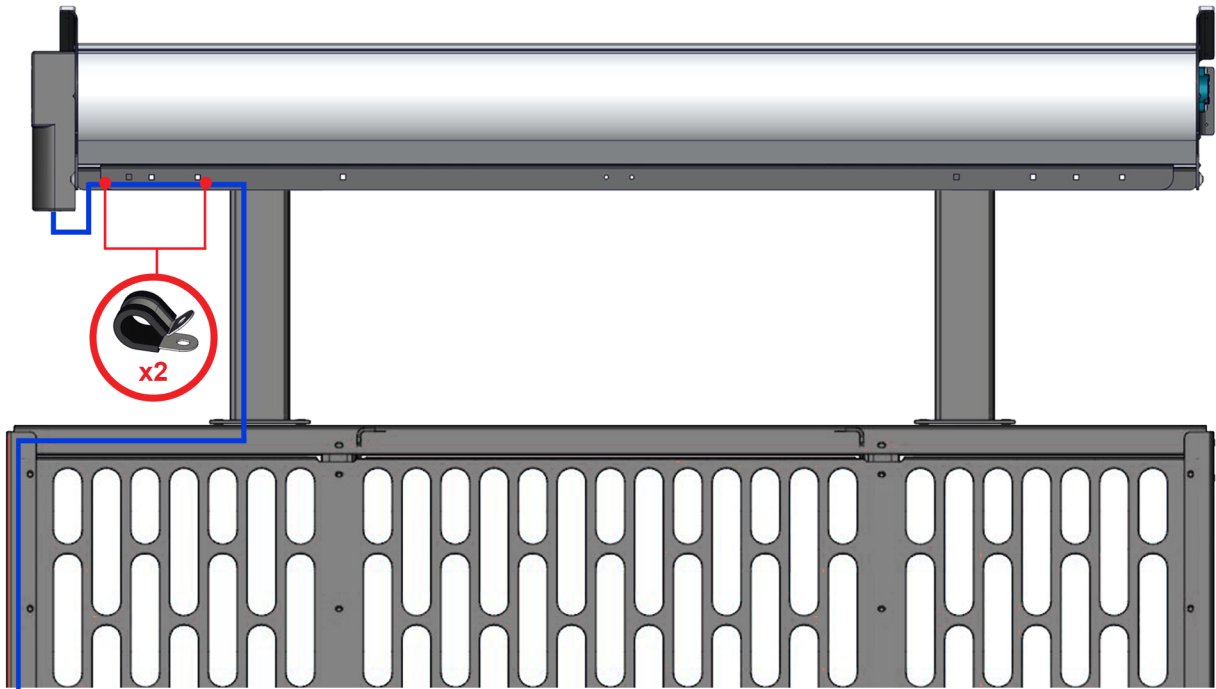




## TARP - INSTALLATION



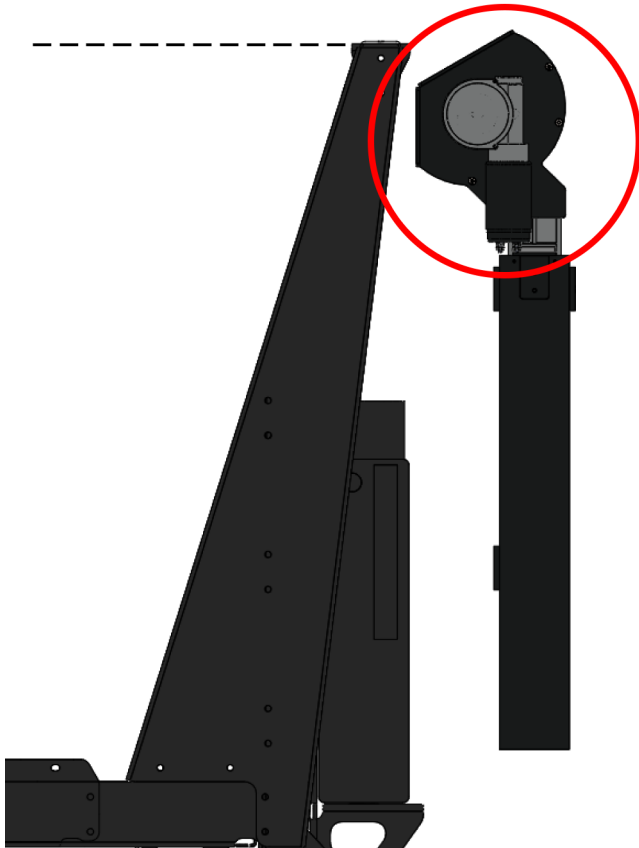
## WIRING



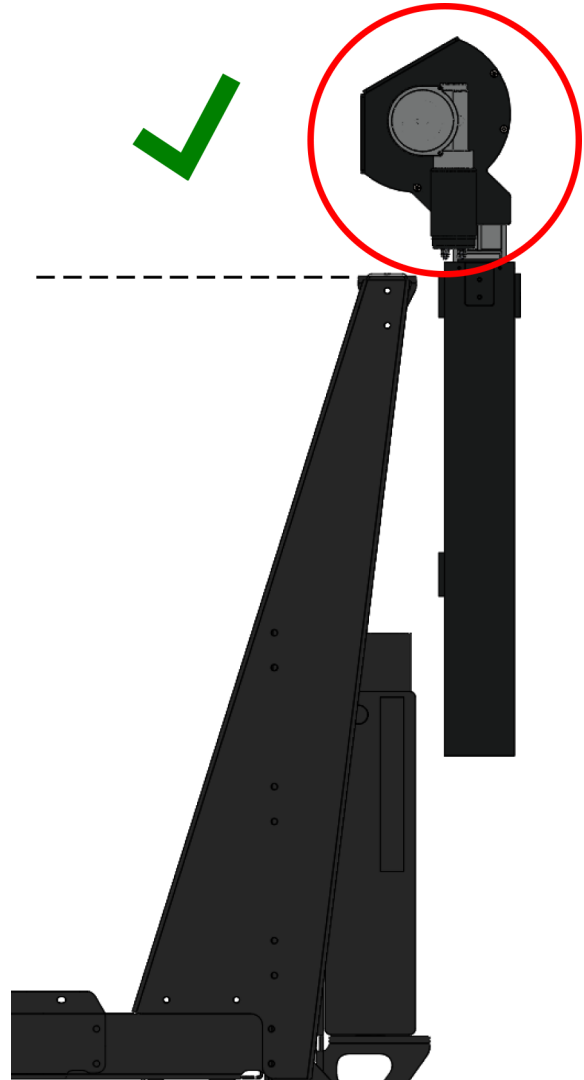
## TOWER INSTALLATION - HEIGHT



**X**



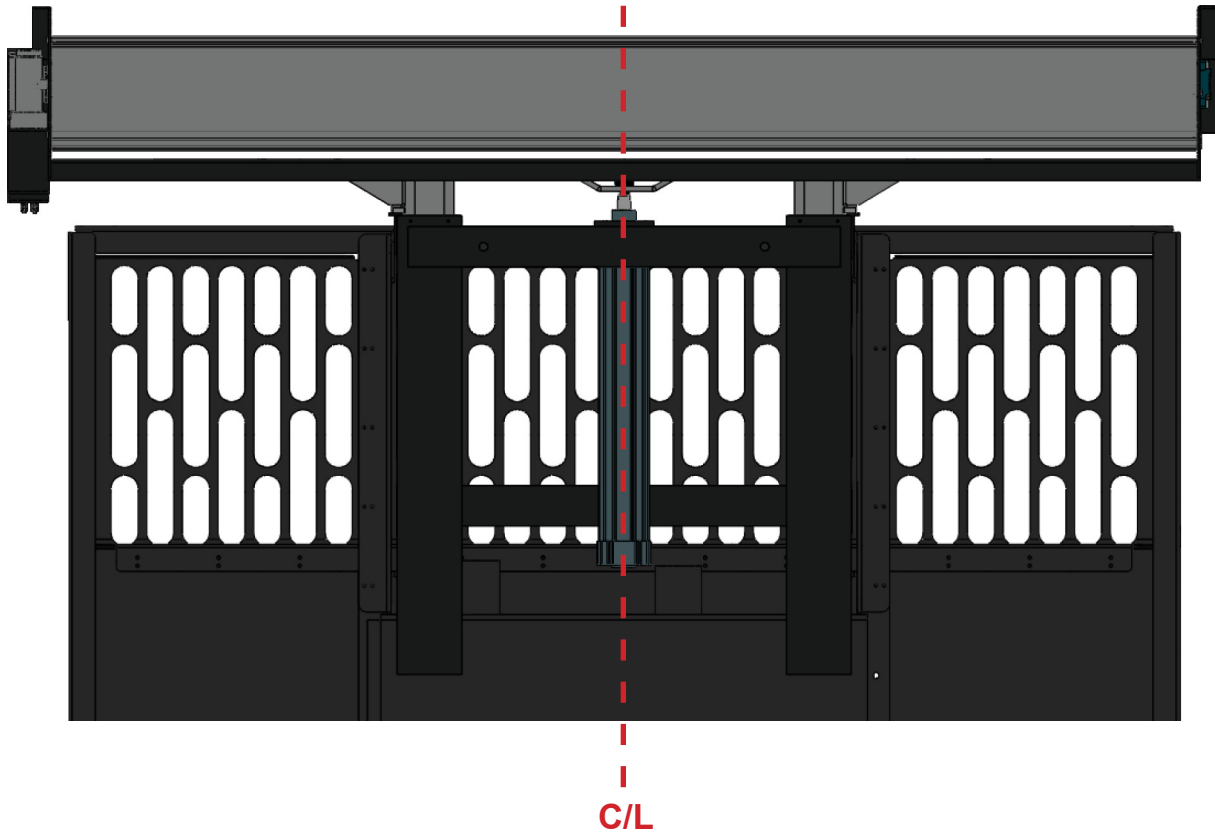
**✓**



## TOWER INSTALLATION - CENTRE



REAR VIEW



## TOWER INSTALLATION - SUPPORT



DIAGRAMS FOR ILLUSTRATION  
PURPOSES ONLY

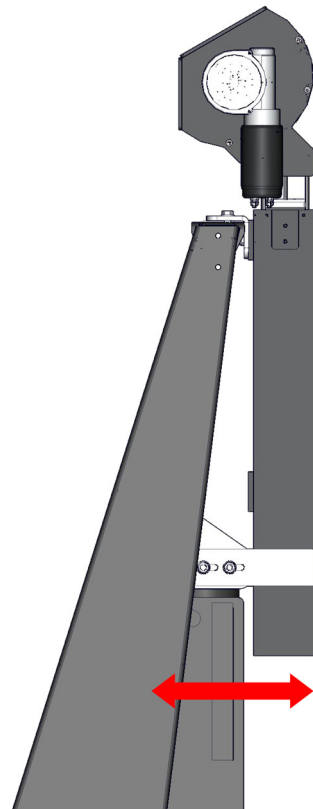
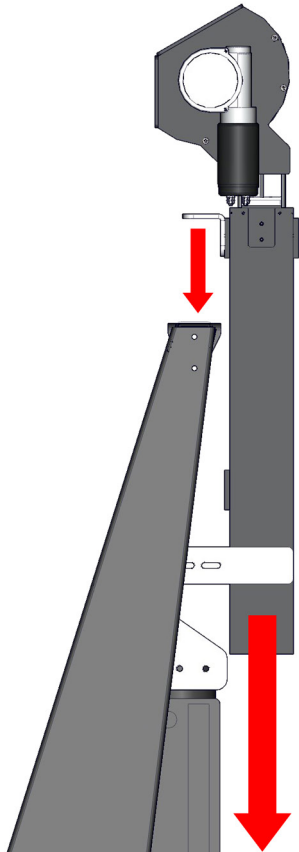
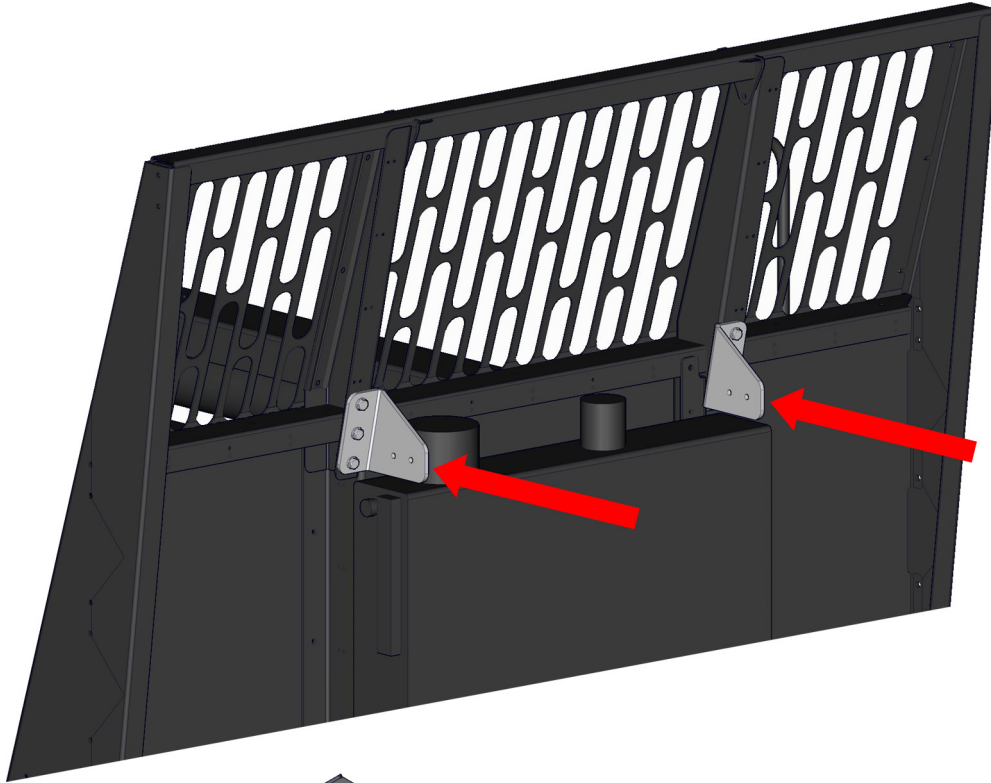
• FABRICATE SUITABLE SUPPORT PLATES



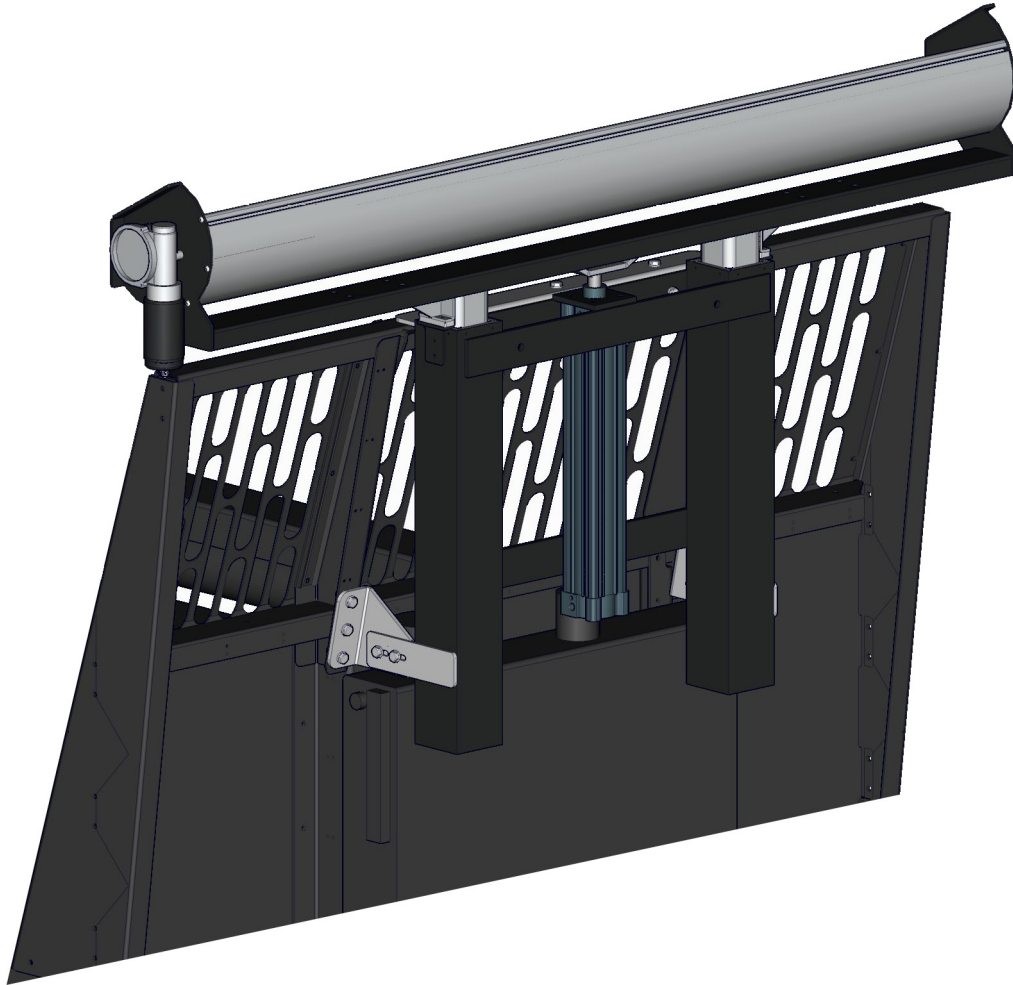
## TOWER INSTALLATION - SUPPORT



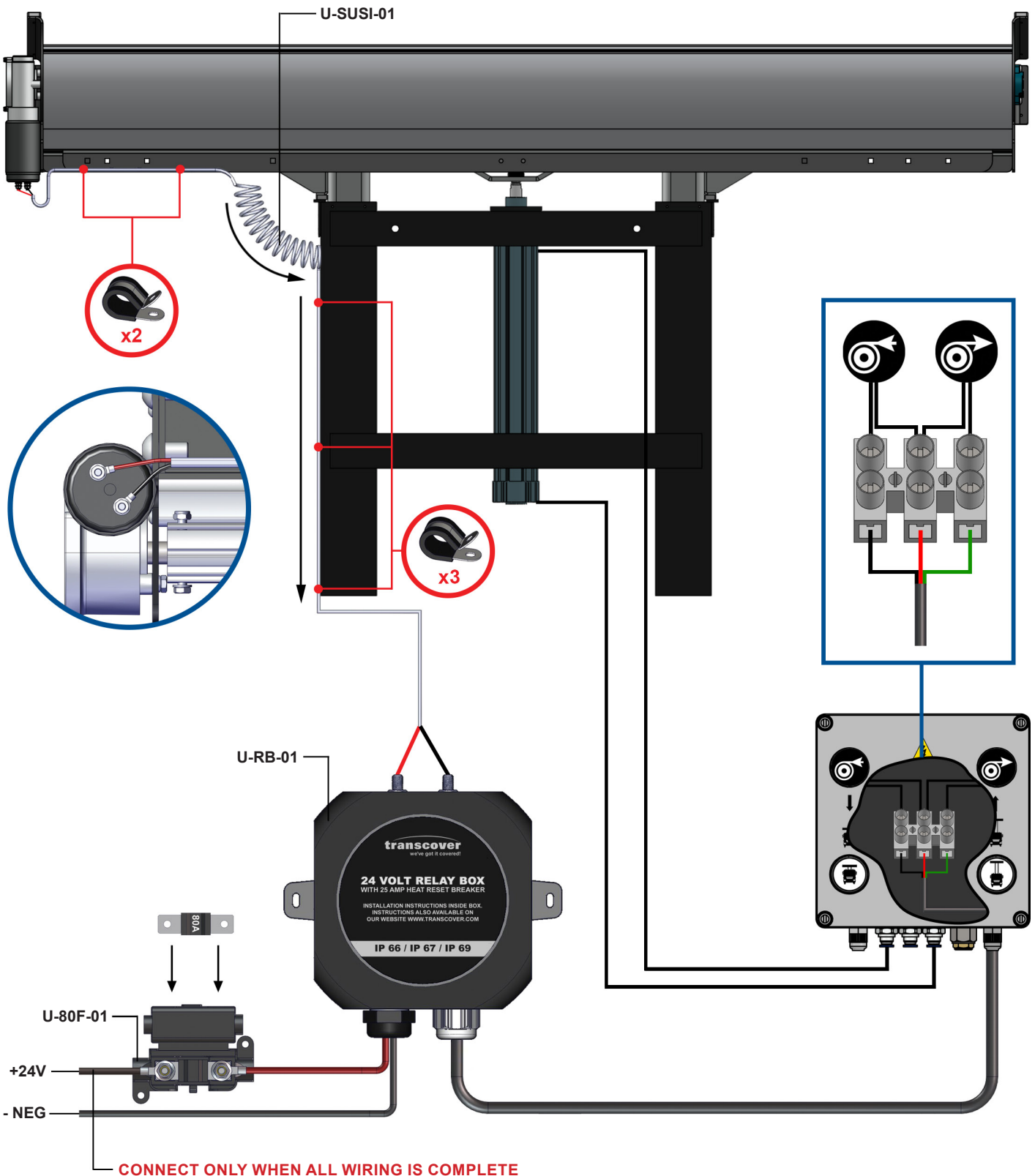
DIAGRAMS FOR ILLUSTRATION PURPOSES ONLY



## TOWER INSTALLATION - SUPPORT



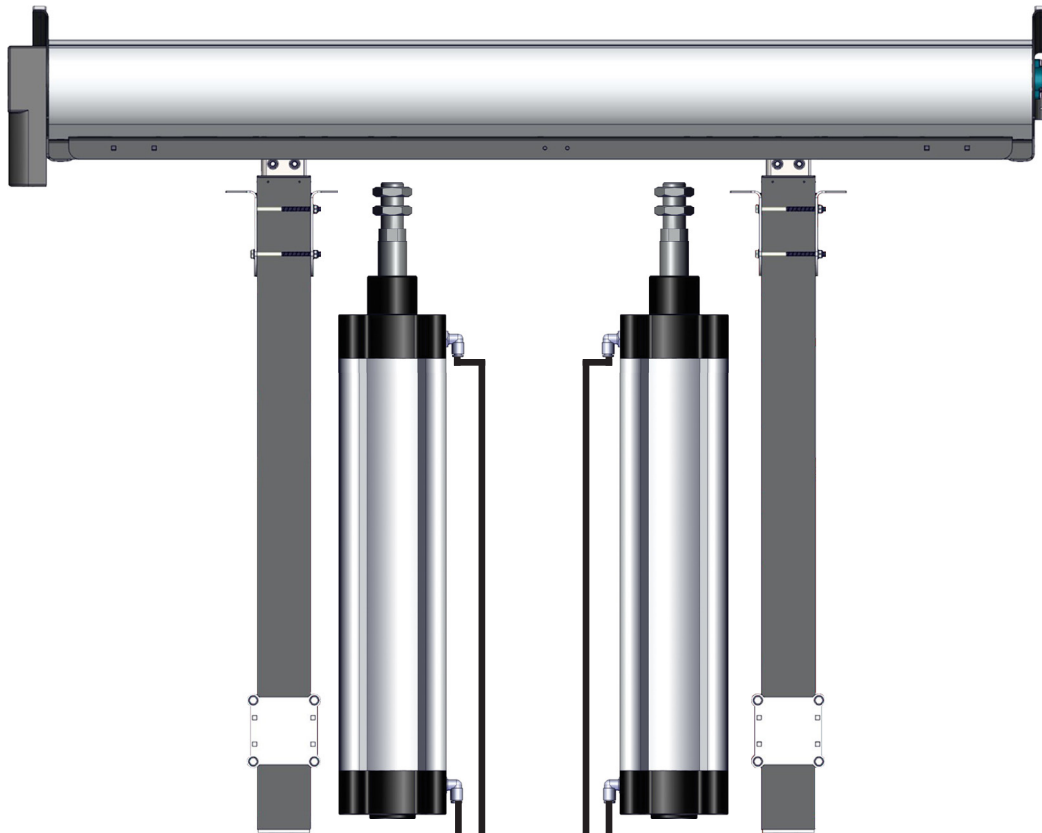
## TOWER INSTALLATION - WIRING



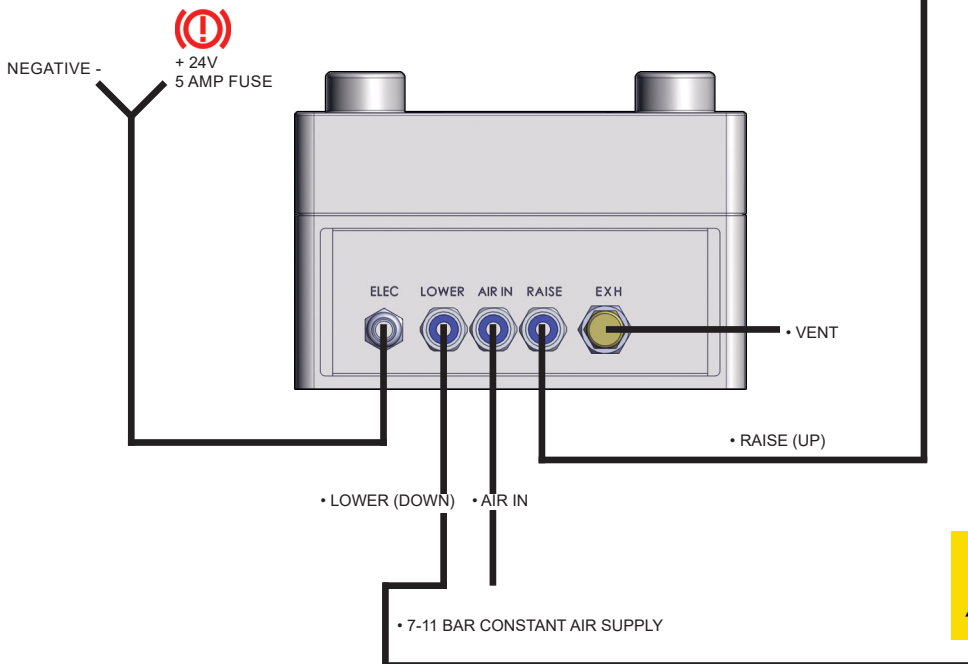


## TOWER - PNEUMATICS

• RECOMENDED CONFIGURATION



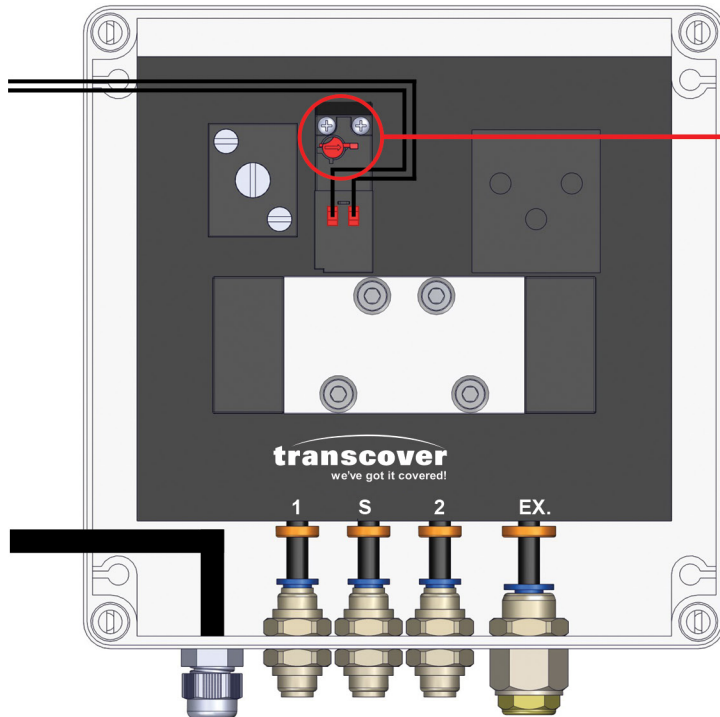
 **HANDBRAKE SIGNAL RECOMMENDED**



CONTROL BOX HAS A 3 MIN DROP DOWN FUNCTION ENABLED BY DEFAULT. TO CHANGE SETTING, REFER TO PAGES XX-XX

## CONTROL BOX - SETTINGS

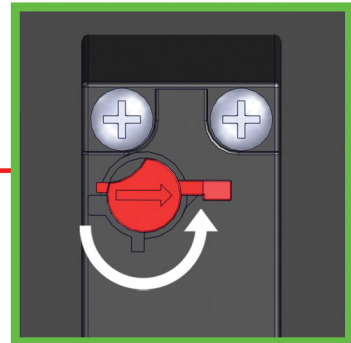
• RECOMENDED CONFIGURATION



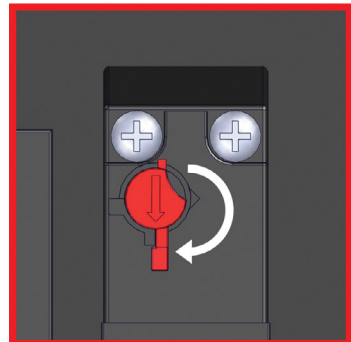
• NEGATIVE -  
• NÉGATIF -  
• NEGATIV -

+ 24V IGNITION - LIVE / 5 AMP FUSE  
+ 24V ALLUMAGE / FUSIBLE DE 5 AMPÈRES  
+ 24V ZÜNDUNG / 5 AMPERE SICHERUNG

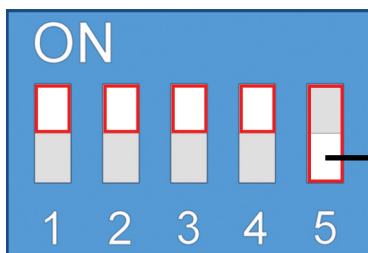
• TIMER ACTIVATED  
• TIMER AKTIVERAD



• DROP DOWN DEACTIVATED  
• DÉROULEMENT DÉSACTIVÉ  
• ABSENKUNG DEAKTIVIERT

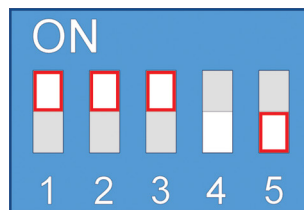


## SETTING THE TIMER



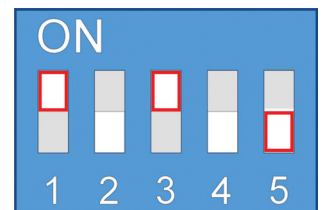
↑ +1 MIN  
↑ +2 MIN  
↑ +3 MIN  
↑ +4 MIN

EXAMPLE - 6 MINS



↑ ↑ ↑ ↓

EXAMPLE - 4 MINS



↑ ↑



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