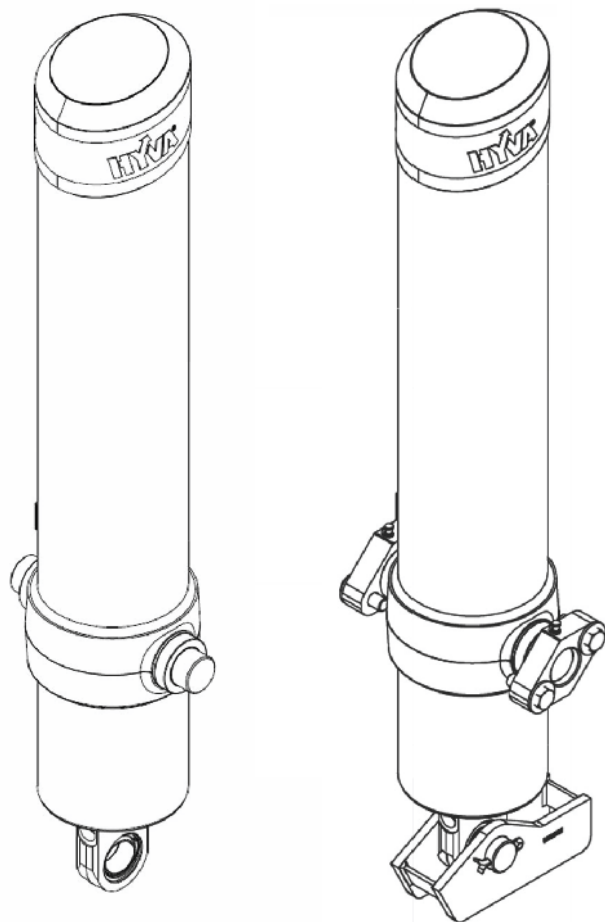




MOUNTING INSTRUCTIONS

FRONT-END CYLINDER EF TYPE ALPHA

MOUNTING INSTRUCTIONS

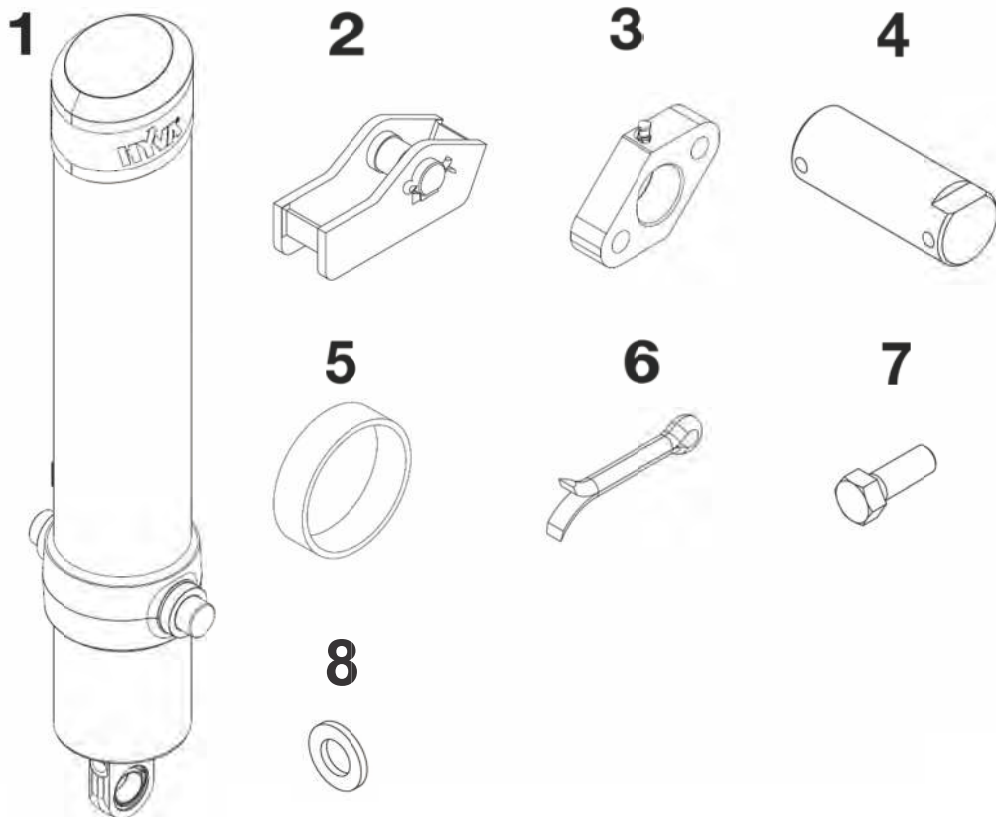
FRONT-END CYLINDER EF TYPE ALPHA

No.	Description	Qty.
1	HYVA cylinder EF	1
2	HYVA chassis bracket	1
3	HYVA lifting bracket	2

For chassis bracket	No.	Description	Qty.
	4	Clevis pin	1
	5	Filler ring	2
	6	Split pin DIN 94 ZP	2

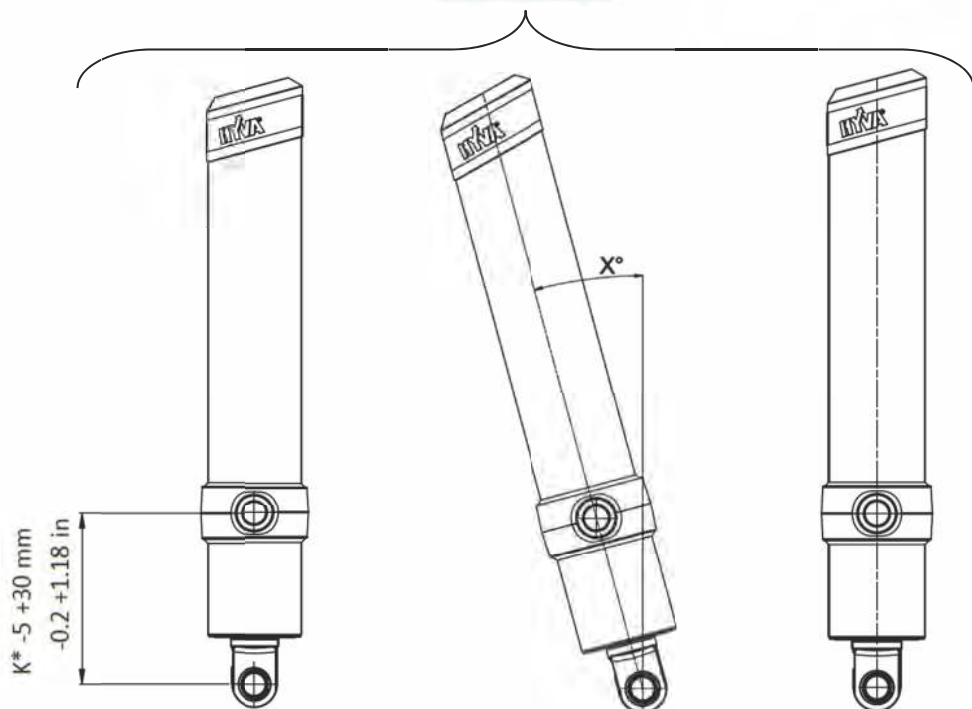
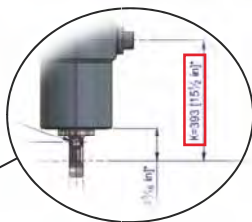
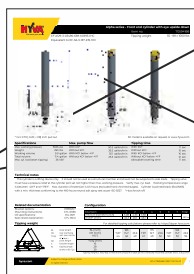
For Lifting bracket	No.	Description	Qty.
	7	Bolt	4
	8	Washer	4

Lifting bracket pin Ø	Bolt	Min. Grade
Ø1.75"	3/4"-10 UNC	5
Ø1.89"	3/4"-10 UNC	5
Ø2.27"	1"- 8 UNC	5



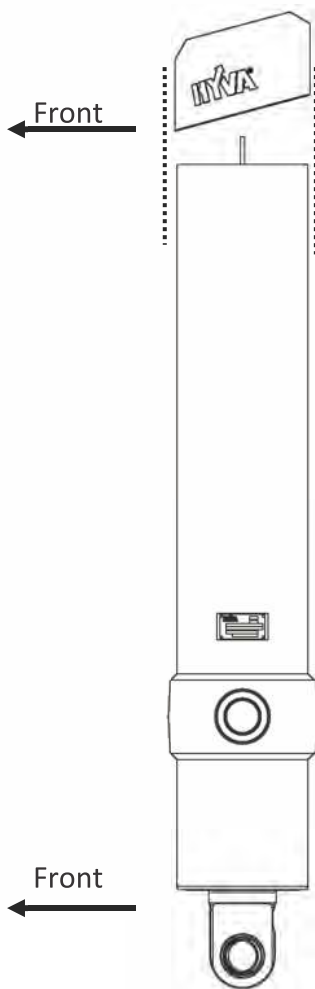


HYVA Pack set grease
SHELL ENSYS
MOLYKOTE G4500
DINITROL PASTE



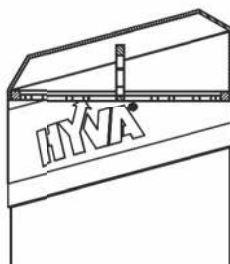
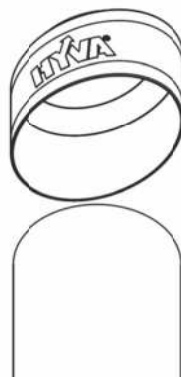
1.

Align the dust cover like the picture below with the lowest side of the dust cover pointed to the front

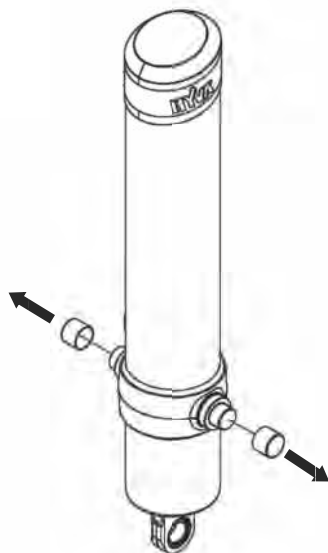


2.

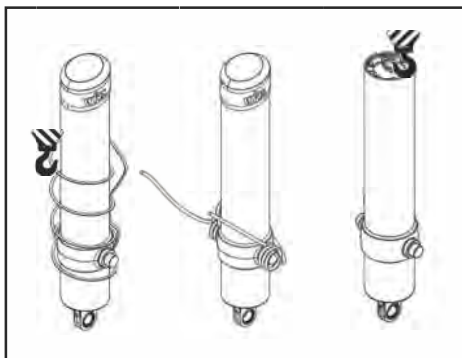
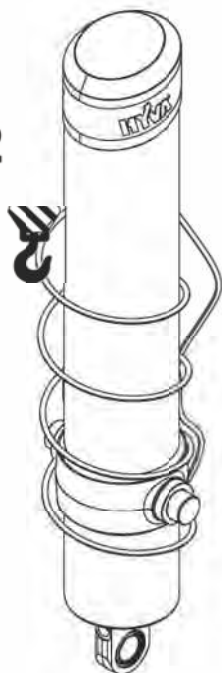
Slide down the dust cover equally over the cover tube till it gets firmly attached



1

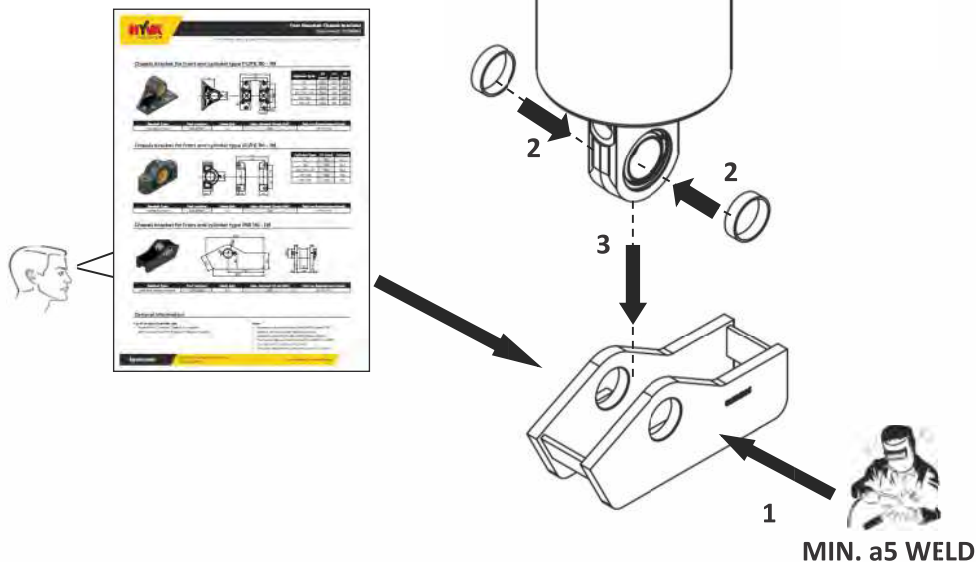


2

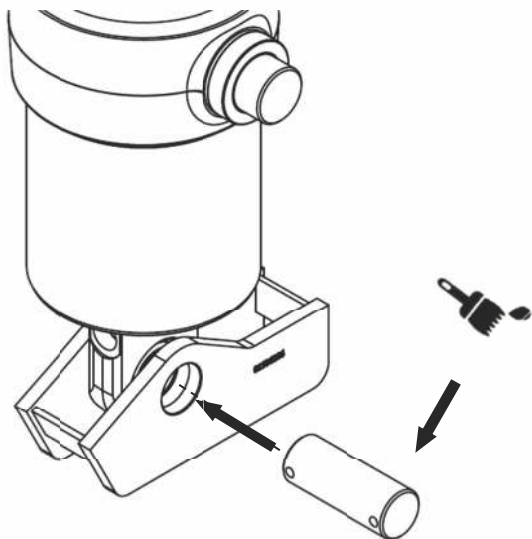


* Ensure oil plug is mounted properly before lifting

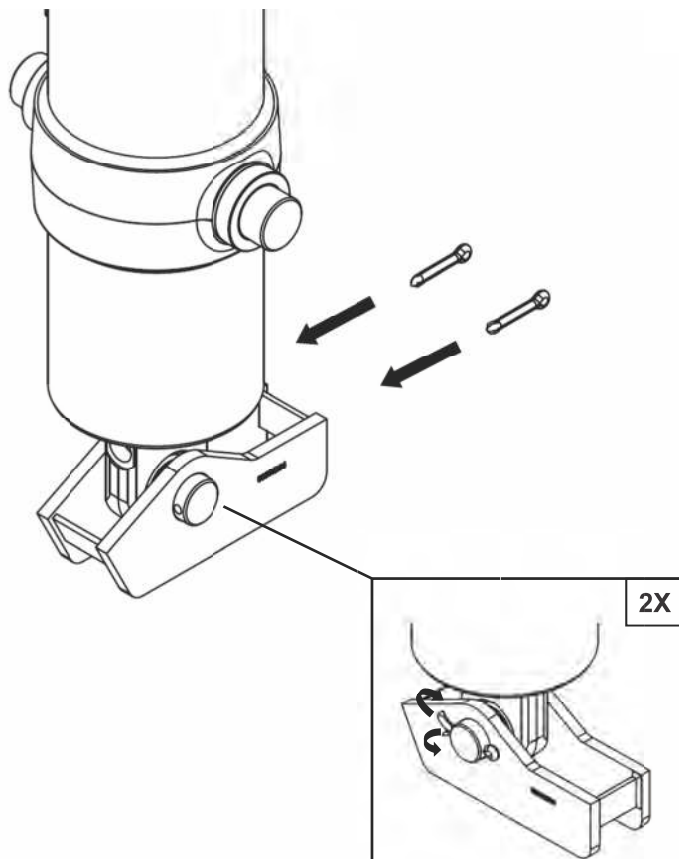
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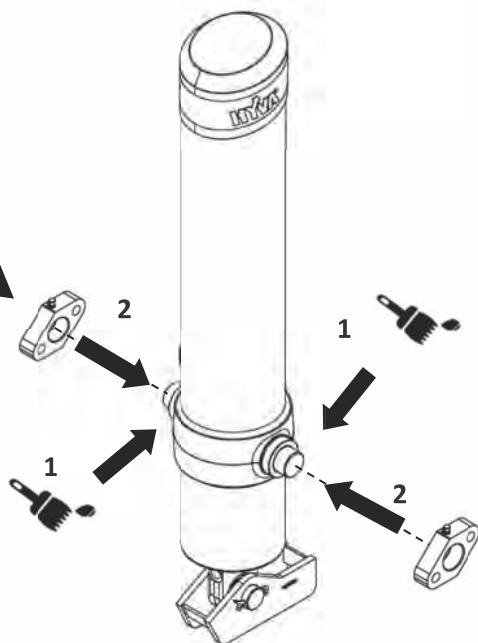
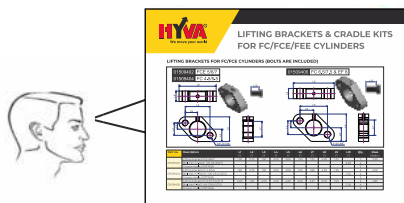
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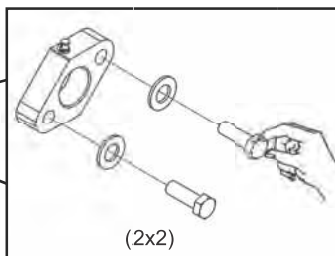
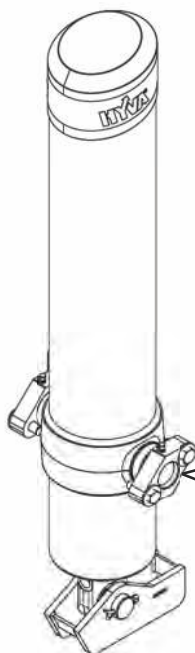
5



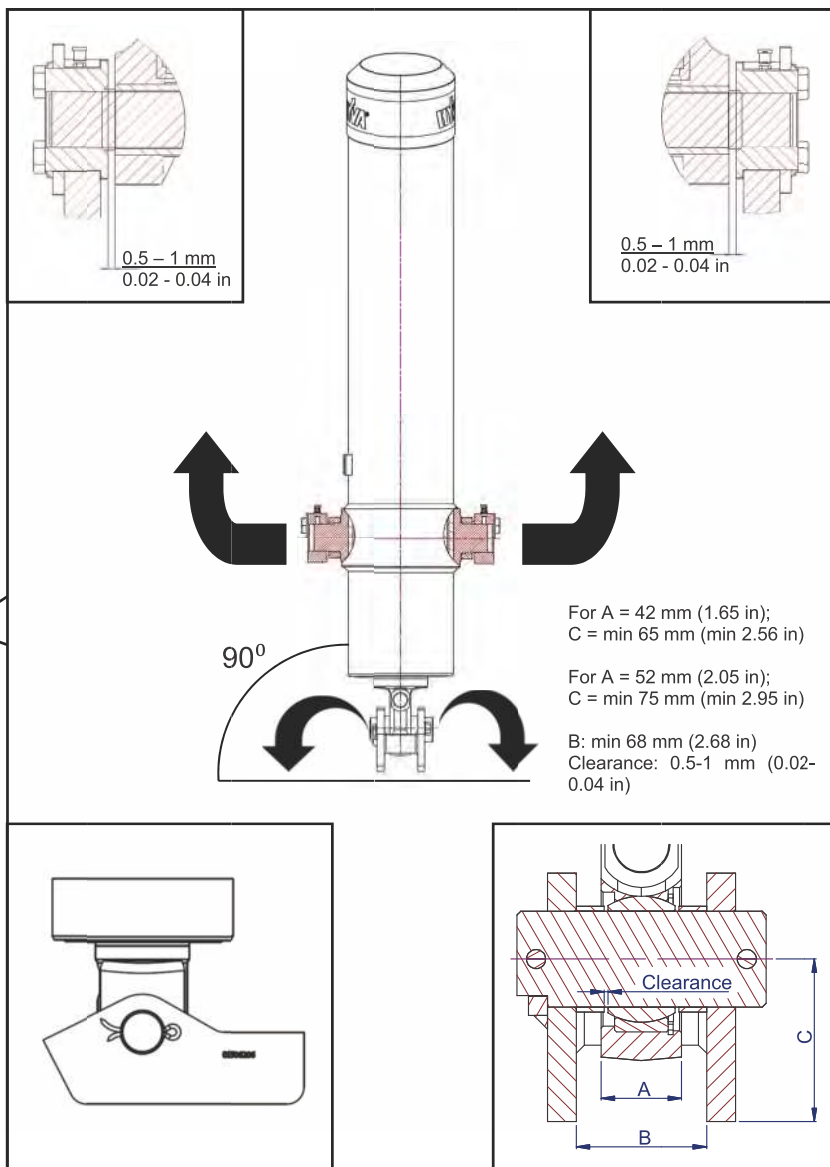
6



7

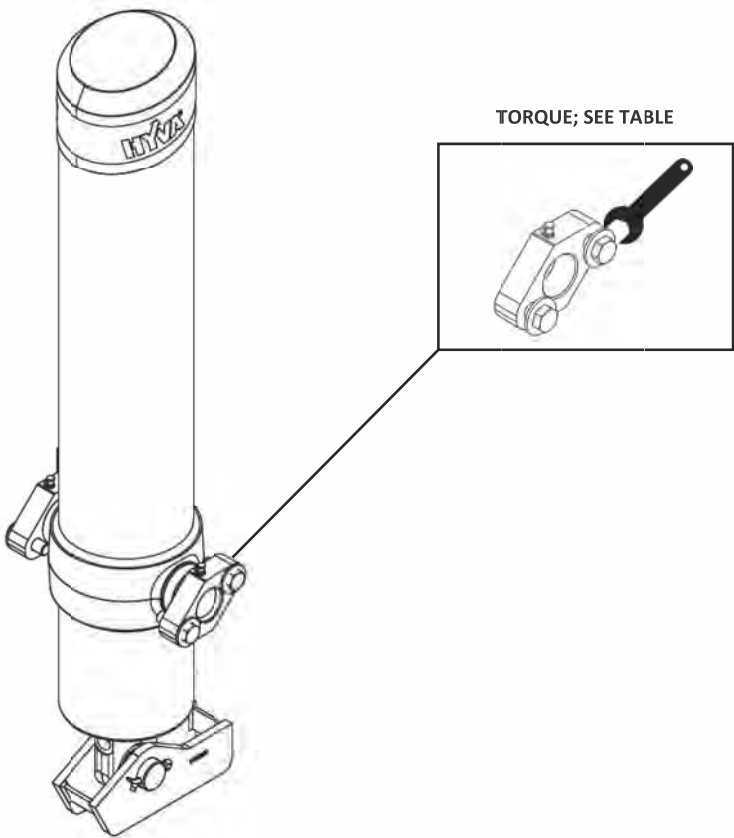


8

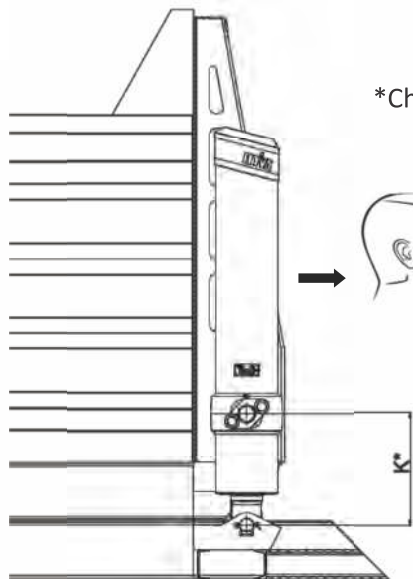


9

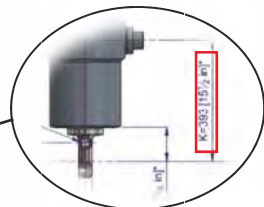
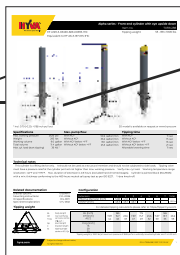
BOLT	REQUIRED TORQUE	
	(Nm)	(lbt*ft)
1" - 8 UNC	868	640
3/4" - 10 UNC	353	260



10



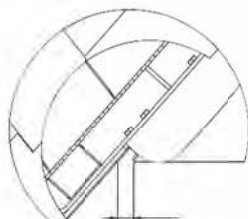
*Check with spec sheet



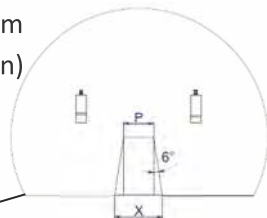
11 Check if there is no collision



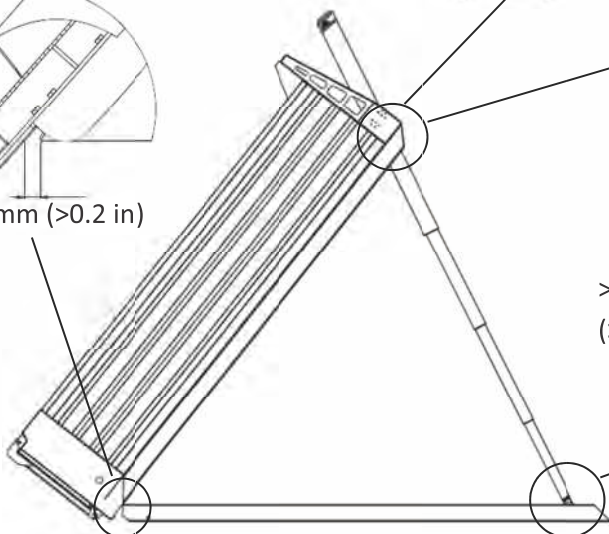
>75 mm
(>2.9 in)



>5 mm (>0.2 in)



P= Outer diameter of second last
Extension + 150
K= K-dimension as mentioned on
Cylinder spec sheet
 $X = P + 0.21 \cdot K$



>5 mm
(>0.2 in)

