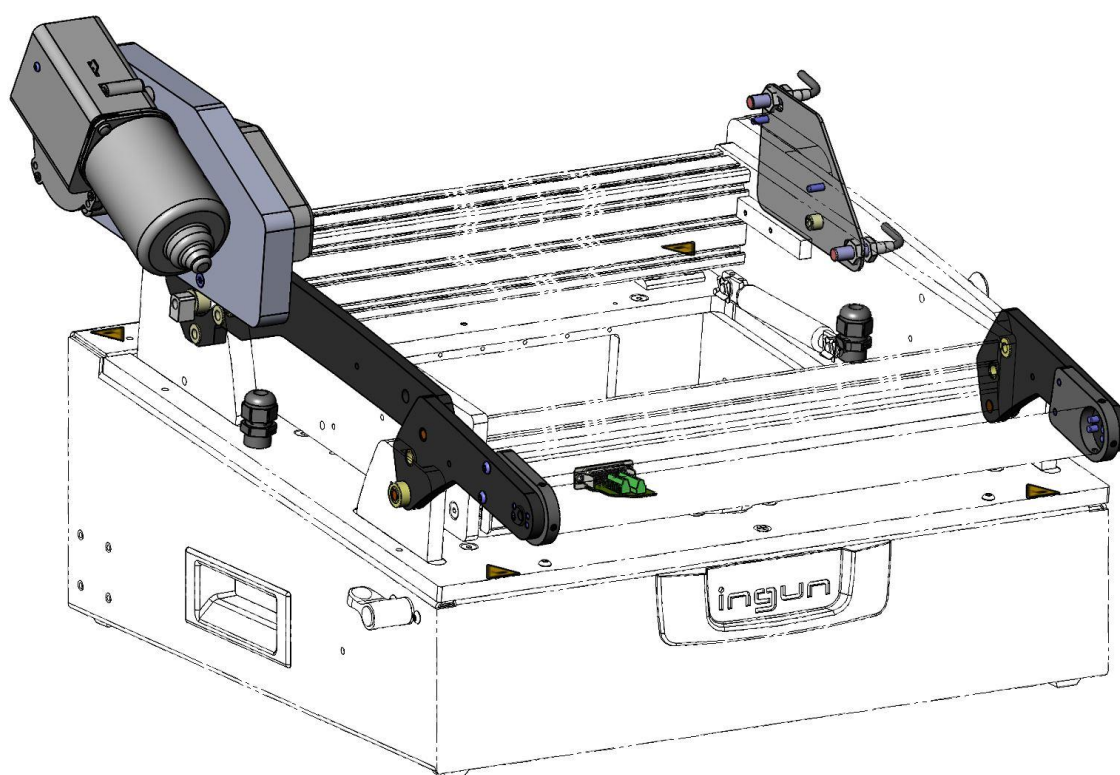


Montageanleitung

Öffner-/Schließer-Automatik – FB-OSA-E-MAxxxx

Assembly Instructions

Automatic opener/closer – FB-OSA-E-MAxxxx



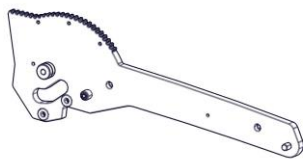
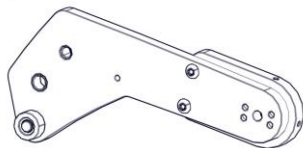
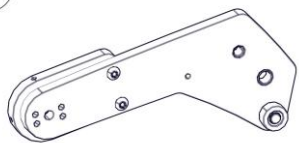
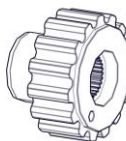
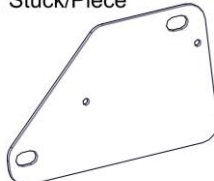
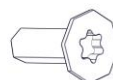
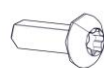
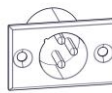
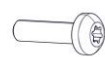
INFO 4595 Index 5

Das Referenzdesign als Vorschlag für die Steuerung dieser Funktionsbaugruppe finden Sie unter: www.ingun.com/manuals/INGUN_INFO-4594.pdf

Suggestions for the control of this functional unit can be found in the reference design document INFO 4594: www.ingun.com/manuals/INGUN_INFO-4594.pdf.

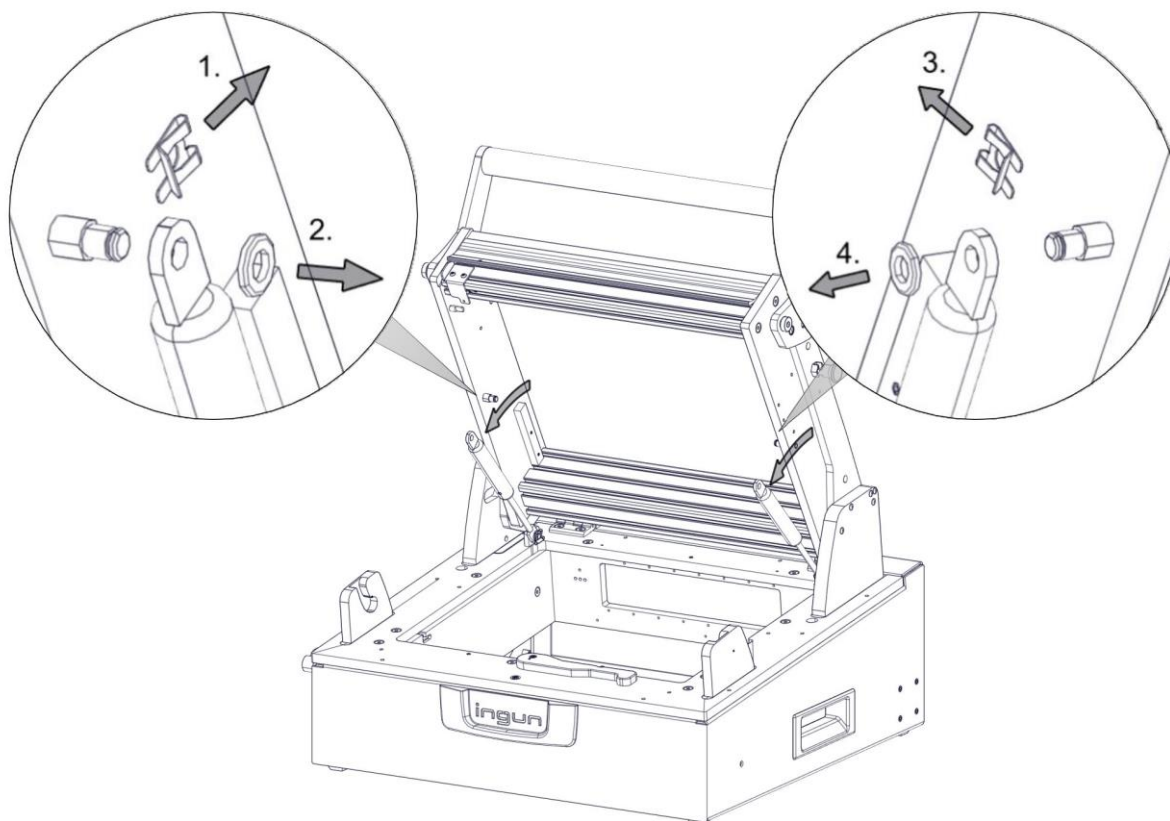


Teileliste / *Parts list*

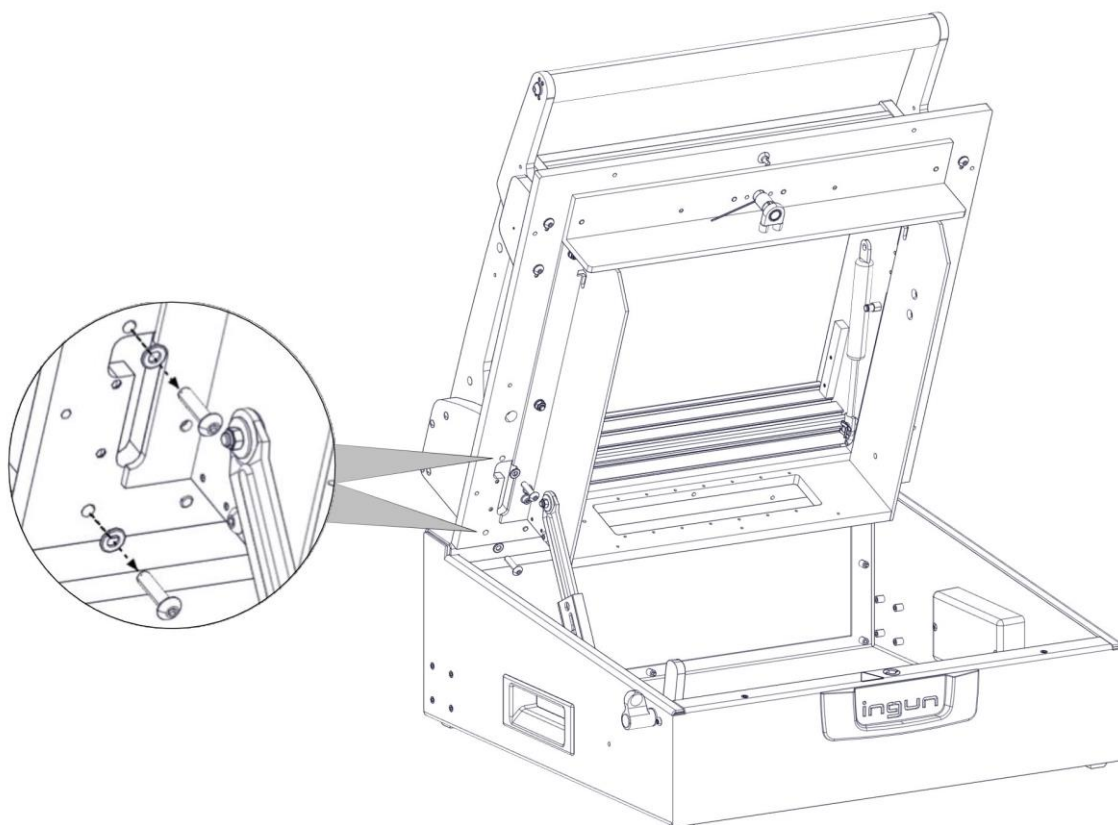
1 1 Stück/Piece  Art.-Nr./Part-no.: 114005	2 1 Stück/Piece  Art.-Nr./Part-no.: 114015	3 1 Stück/Piece  Art.-Nr./Part-no.: 114016	
4 1 Stück/Piece  Art.-Nr./Part-no.: 114017	5 1 Stück/Piece  Art.-Nr./Part-no.: 114067	6 1 Stück/Piece  Art.-Nr./Part-no.: 113380	
7 1 Stück/Piece  Art.-Nr./Part-no.: 112310	8 1 Stück/Piece  Art.-Nr./Part-no.: 113791	9 2 Stück/Piece  Art.-Nr./Part-no.: 113884	10 1 Stück/Piece  Art.-Nr./Part-no.: 113998
11 2 Stück/Piece  Art.-Nr./Part-no.: 113365	12 1 Stück/Piece  Art.-Nr./Part-no.: 112148	13 2 Stück/Piece  Art.-Nr./Part-no.: 43643	14 6 Stück/Piece  DIN 914 - M4 x 5
15 4 Stück/Piece  ISO 14581 - M4 x 12 T20	16 3 Stück/Piece  ISO 7380 - M4 x 8 T20	17 3 Stück/Piece  ISO 7380 - M4 x 12 T20	18 1 Stück/Piece  DIN 9021 D4,3 large
19 4 Stück/Piece  Art.-Nr./Part-no.: 35334	20 1 Stück/Piece  Art.-Nr./Part-no.: 43392	21 1 Stück/Piece  Art.-Nr./Part-no.: 115847	22 2 Stück/Piece  DIN 7991 - M3 x 10 T10
23 2 Stück/Piece  ISO 7380 - M2,5 x 10 T8	24 2 Stück/Piece  DIN 934 - M2,5	25 2 Stück/Piece  DIN 934 - M3	26 1 Stück/Piece  Art.-Nr./Part-no.: 115920
27 2 Stück/Piece  Art.-Nr./Part-no.: 34608			

1

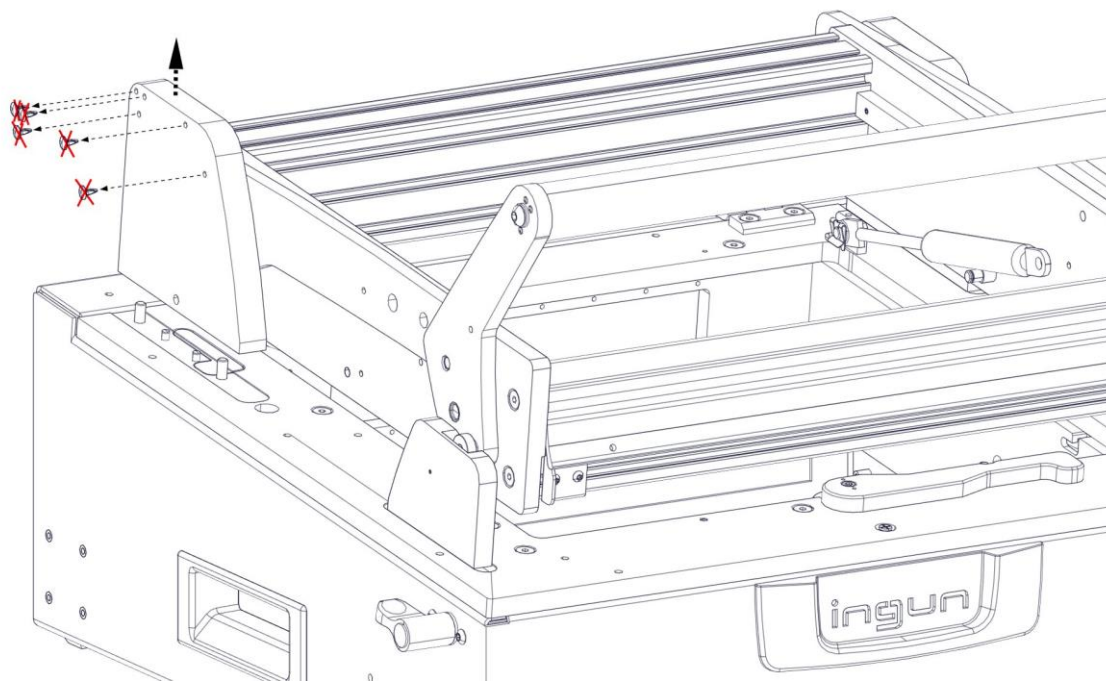
3)



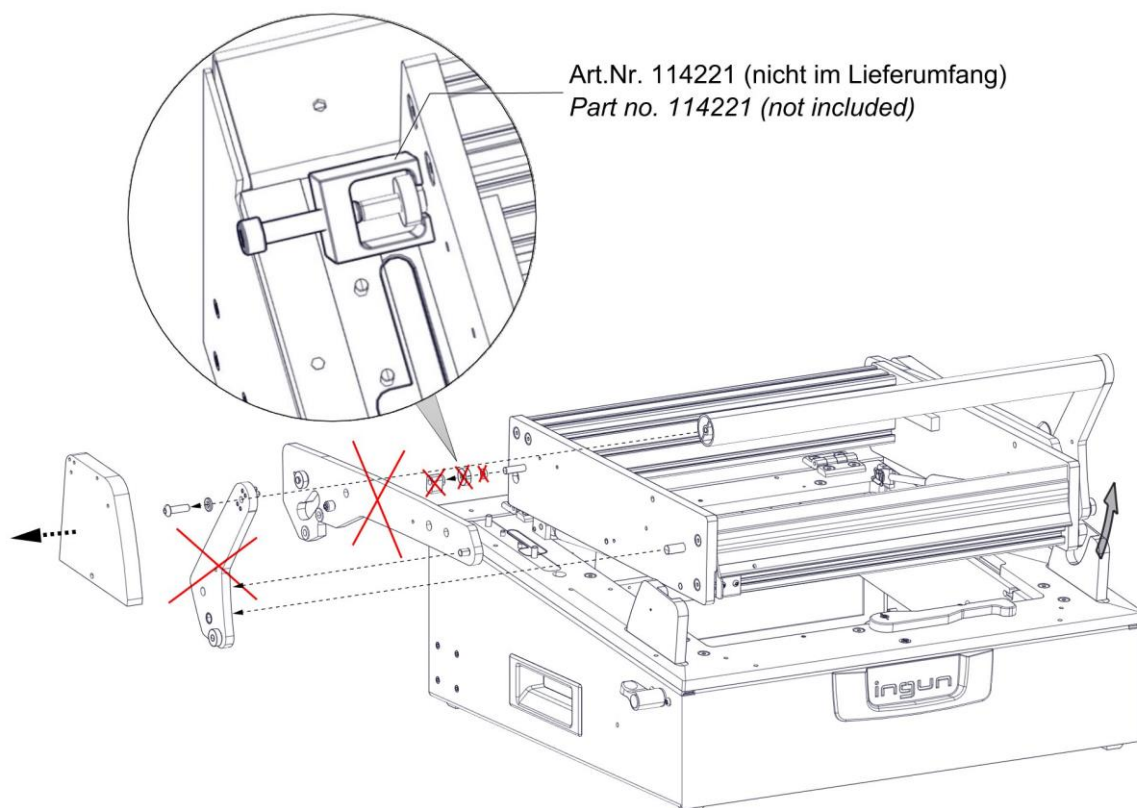
4)



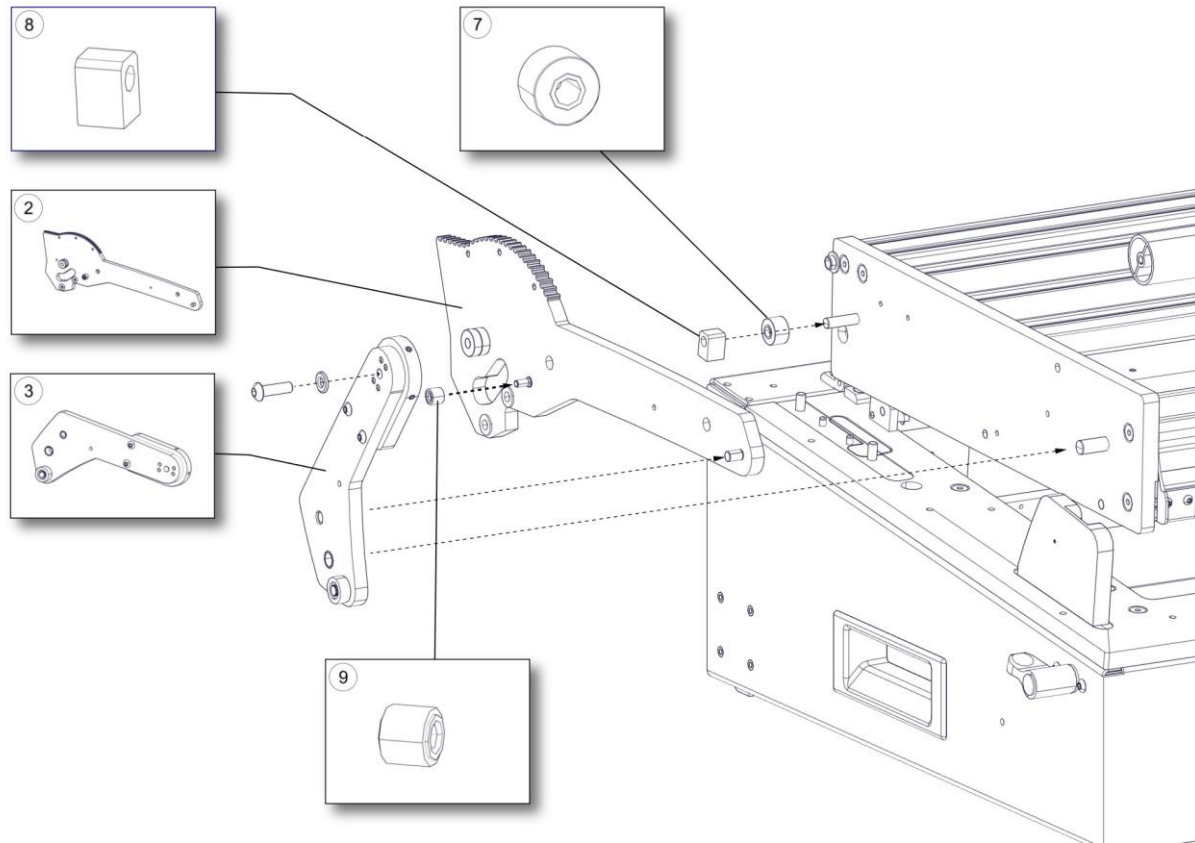
5)



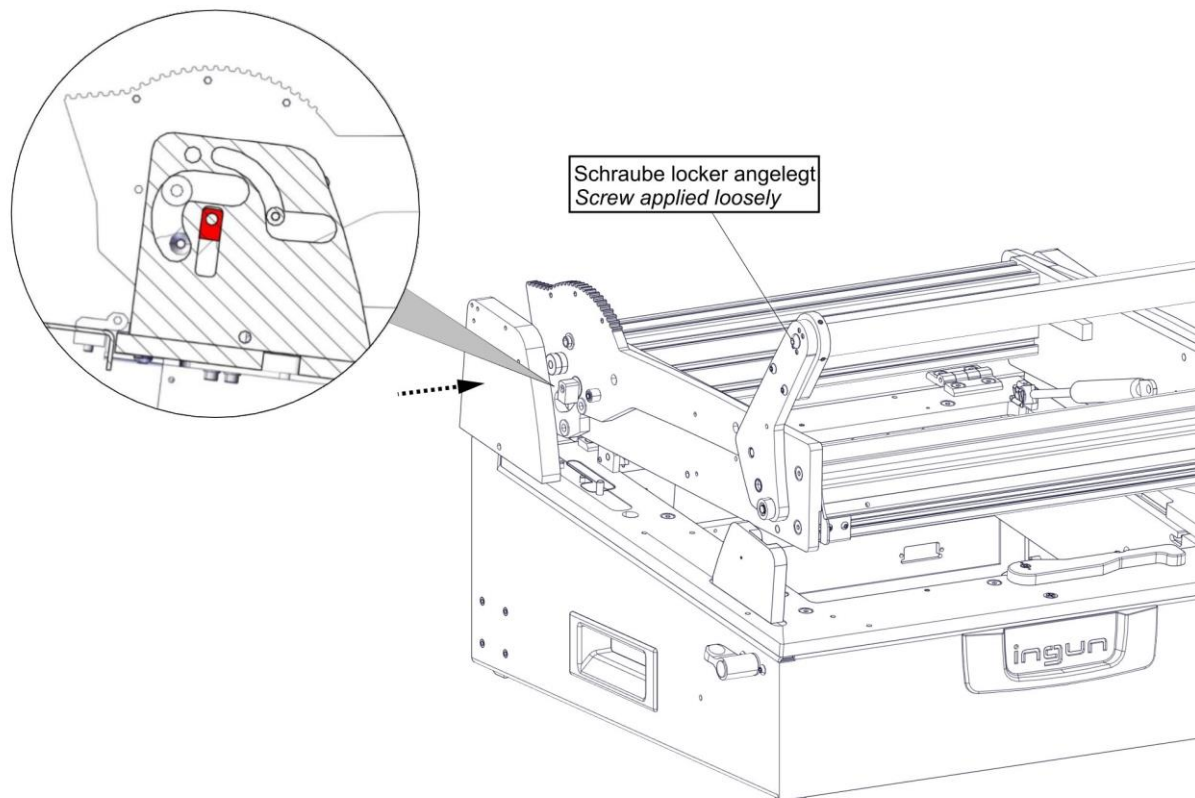
6)



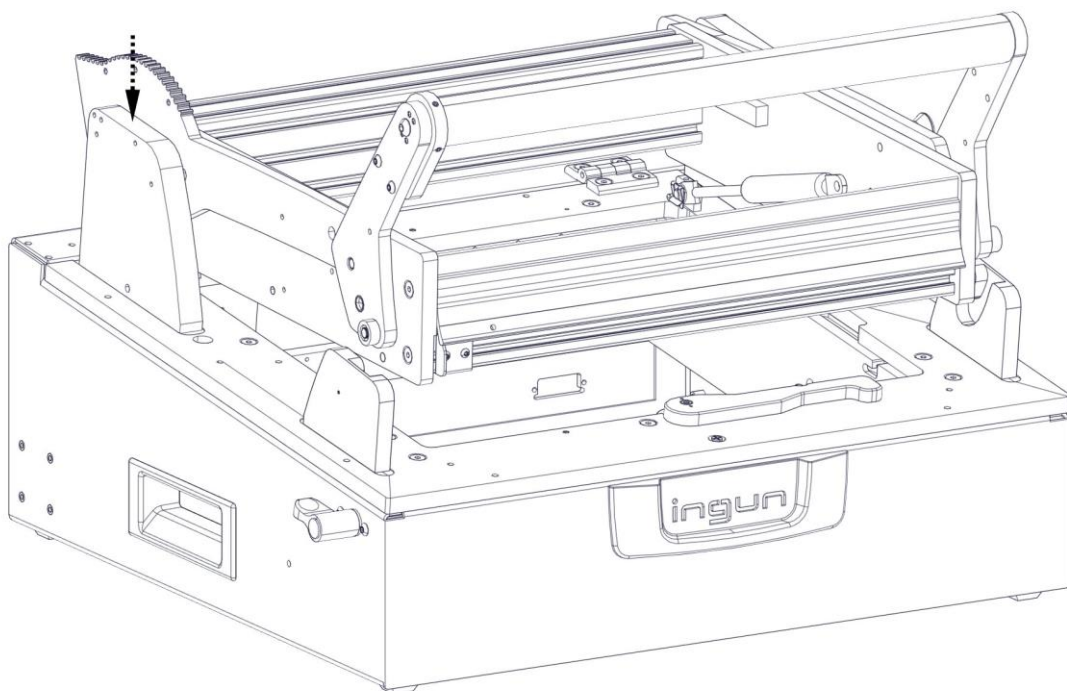
7)



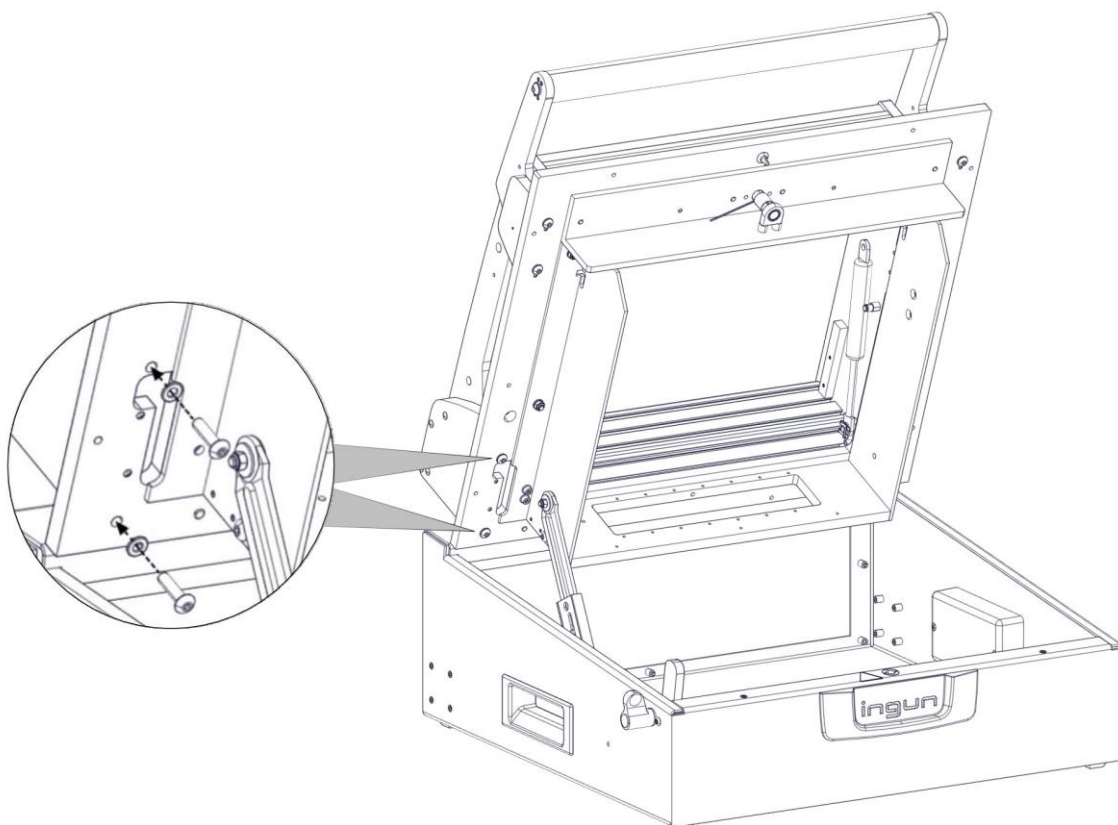
8)



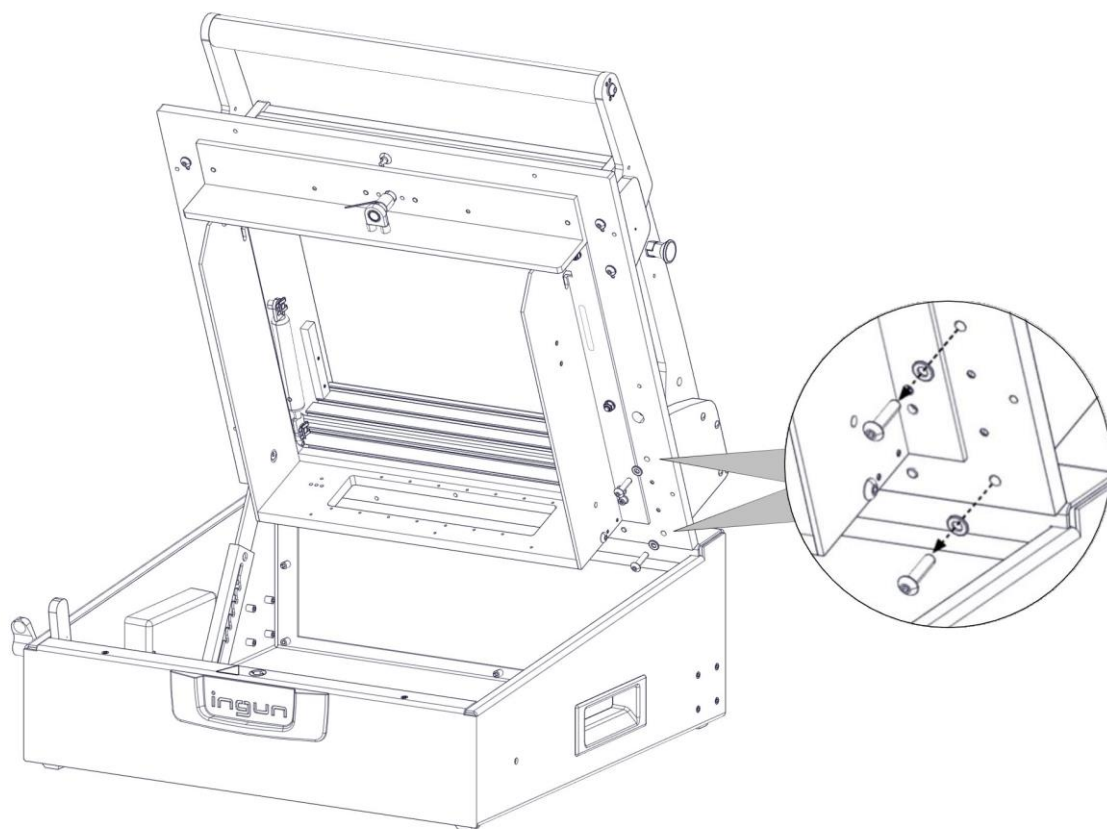
9)



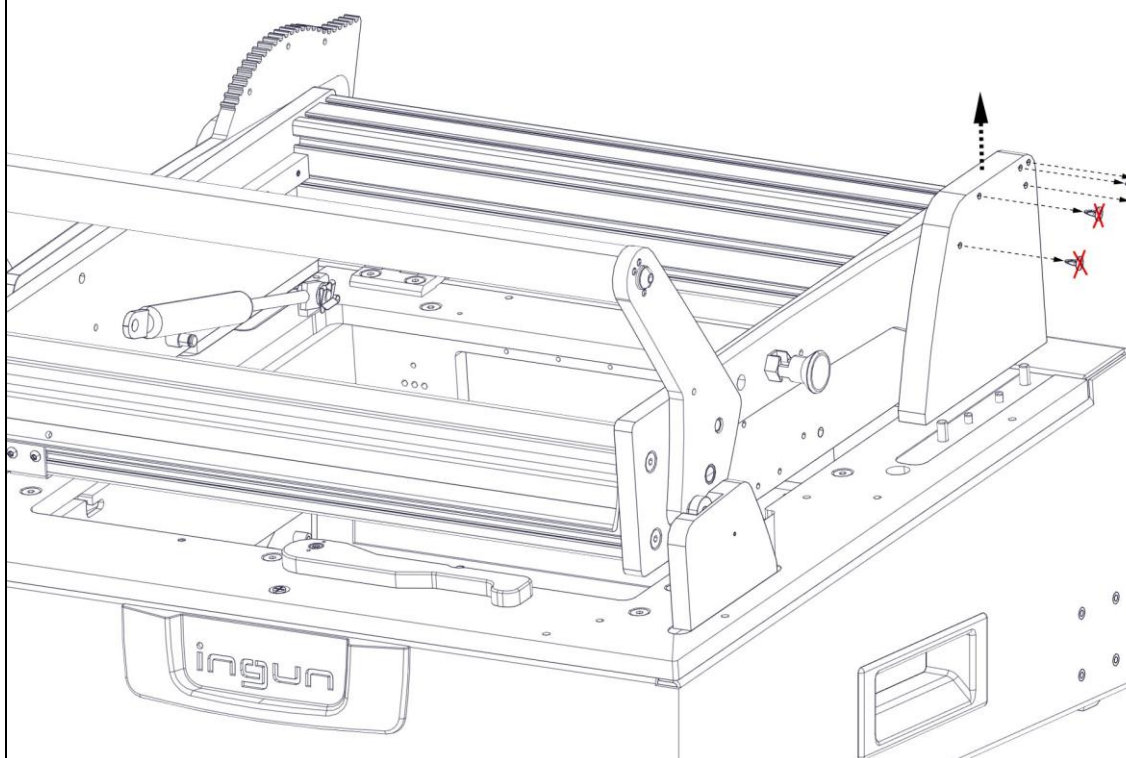
10)



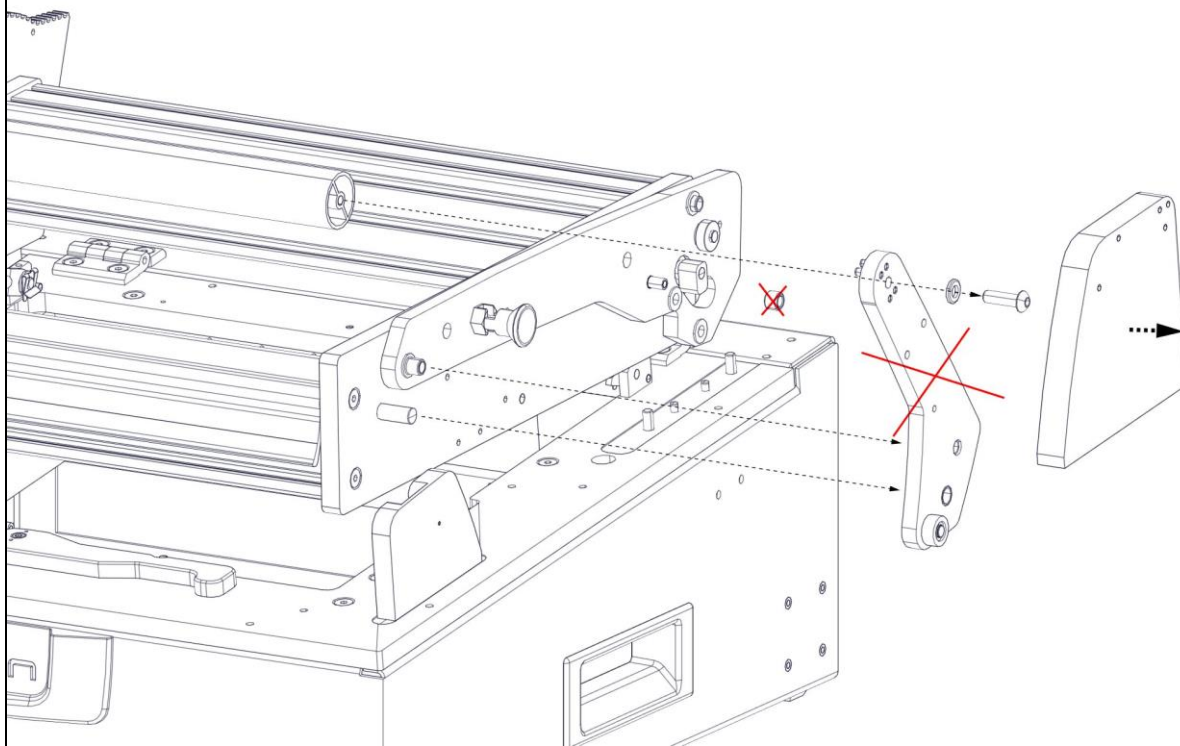
11)



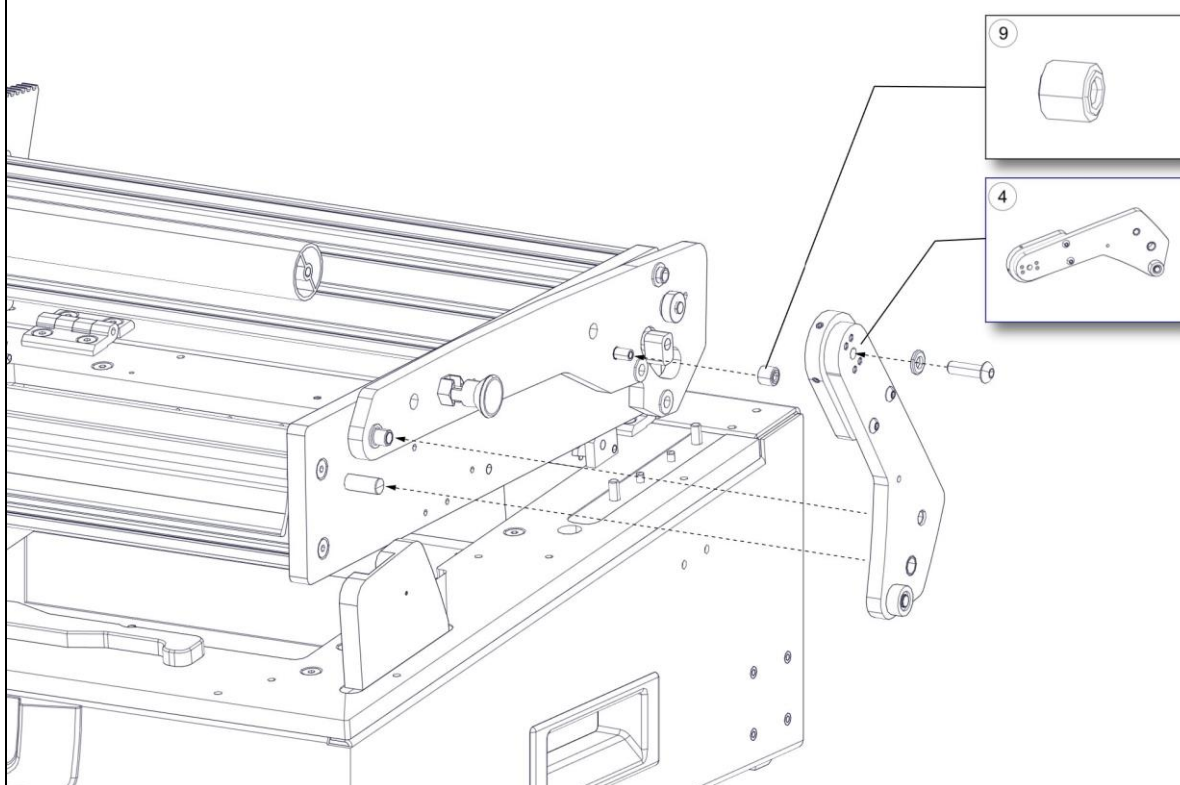
12)



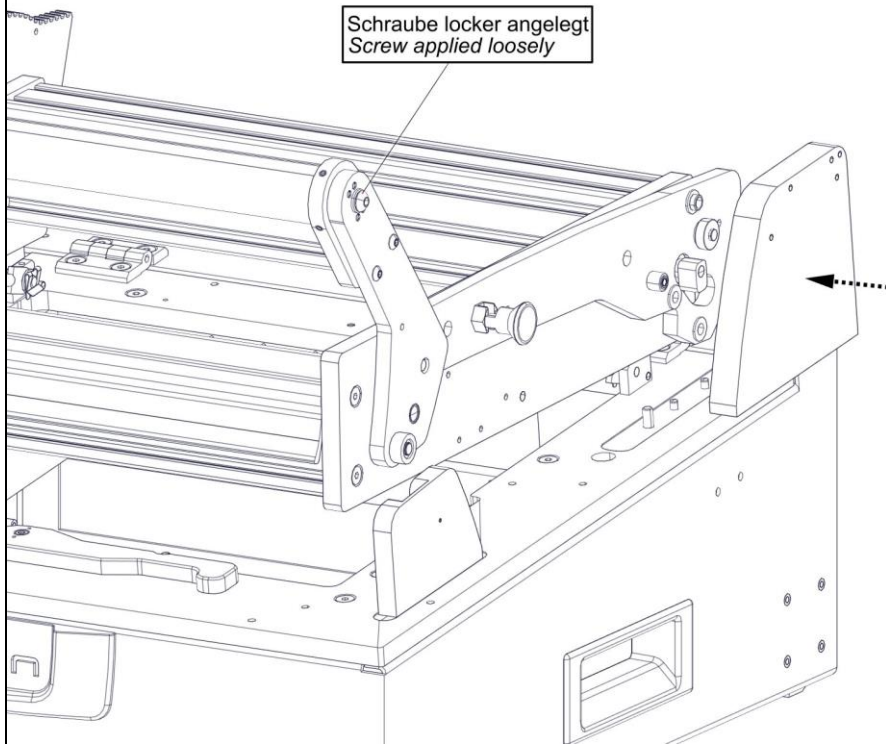
13)



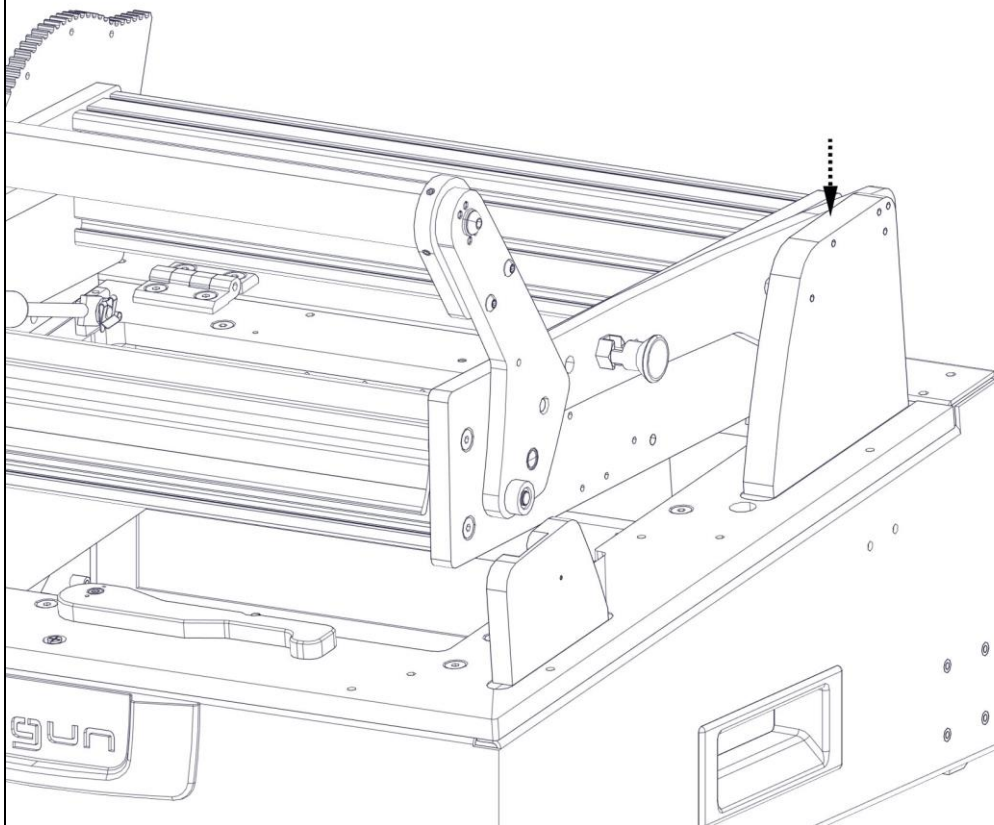
14)



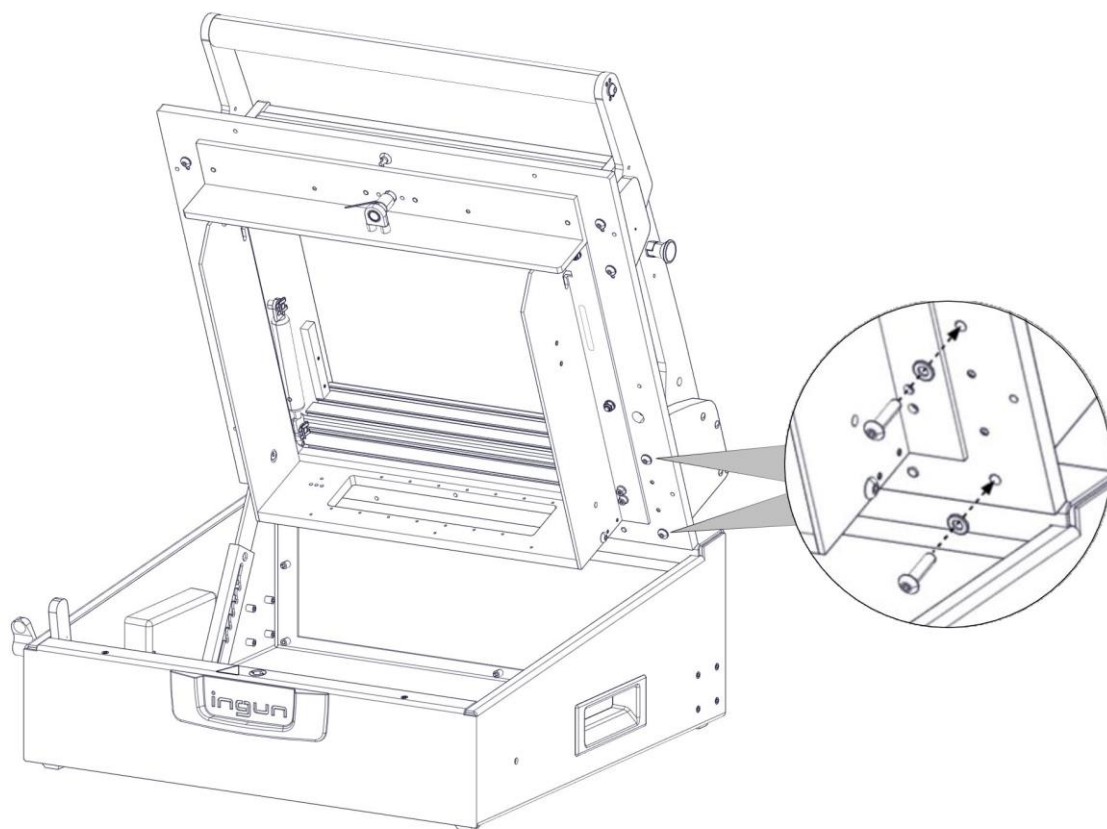
15)



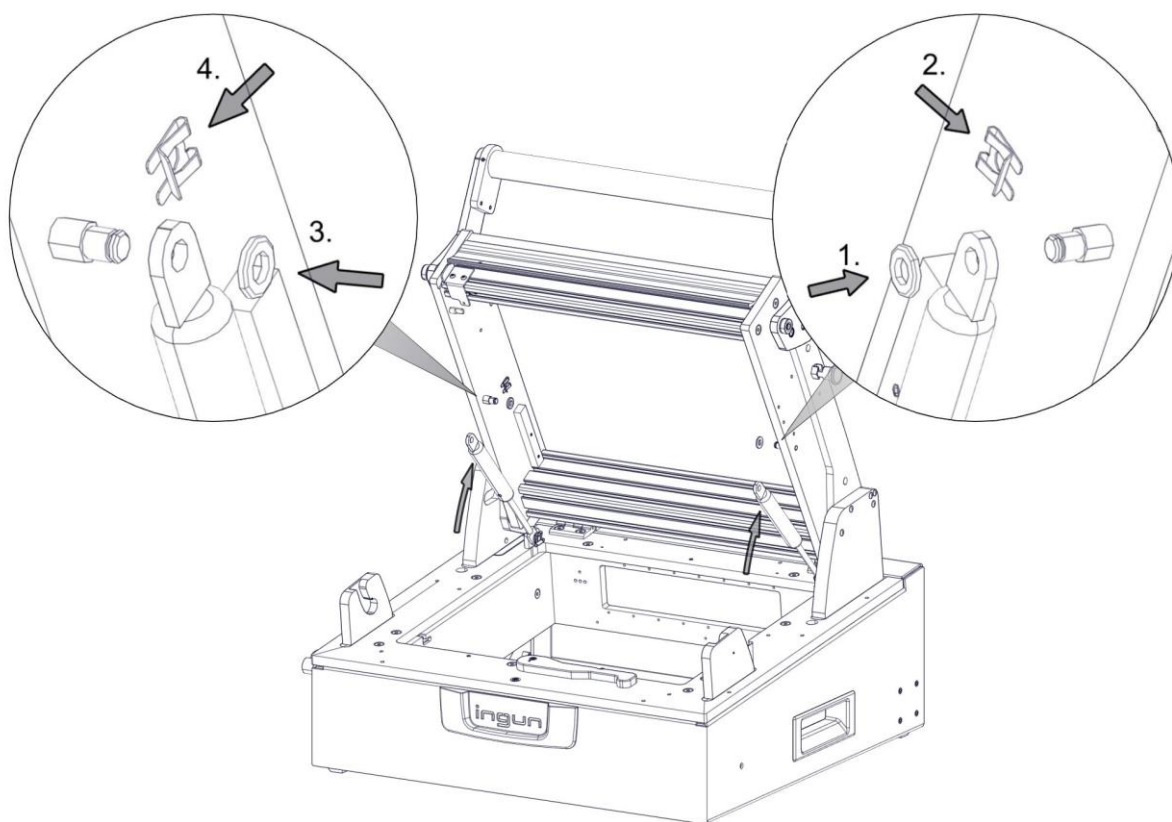
16)



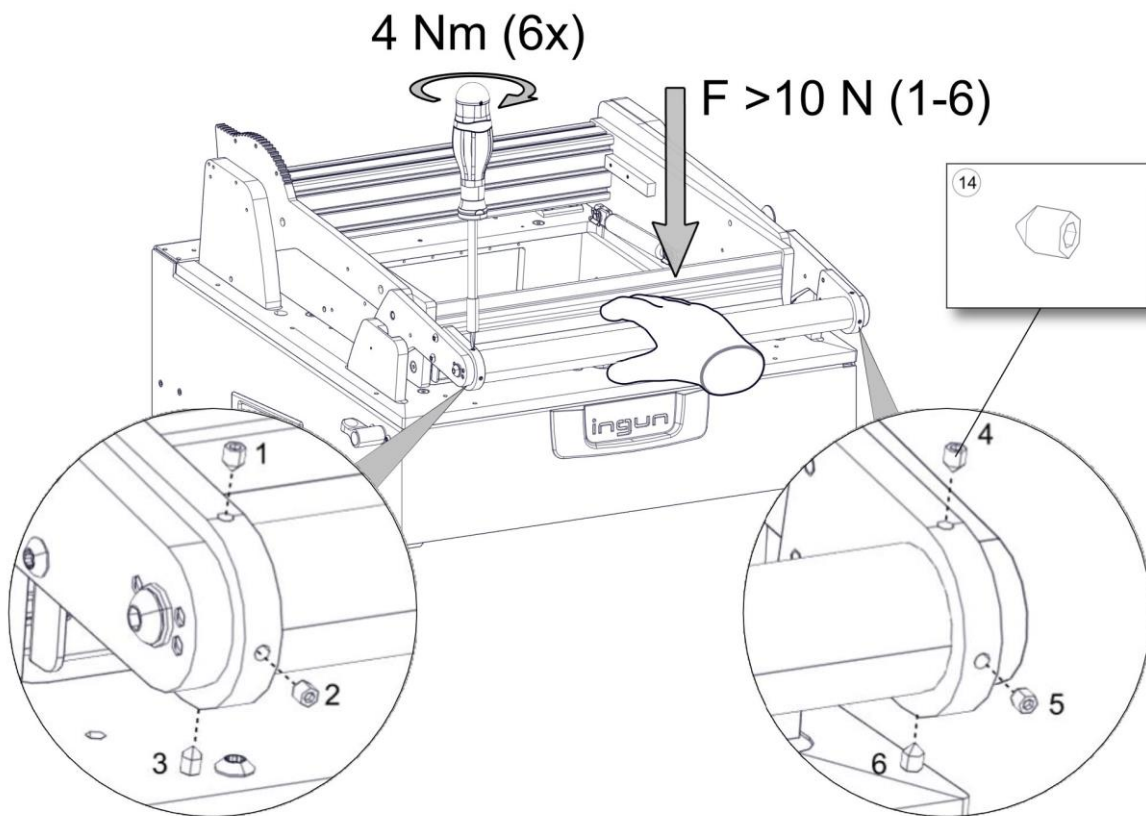
17)



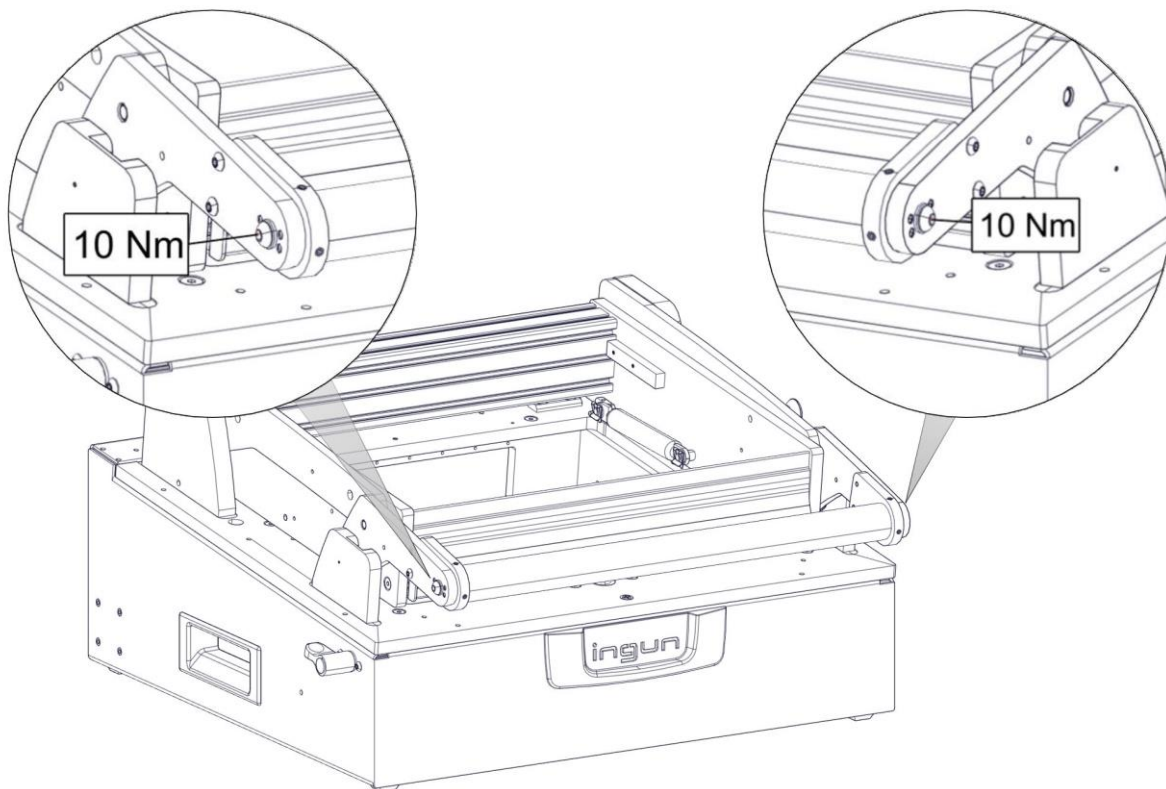
18)



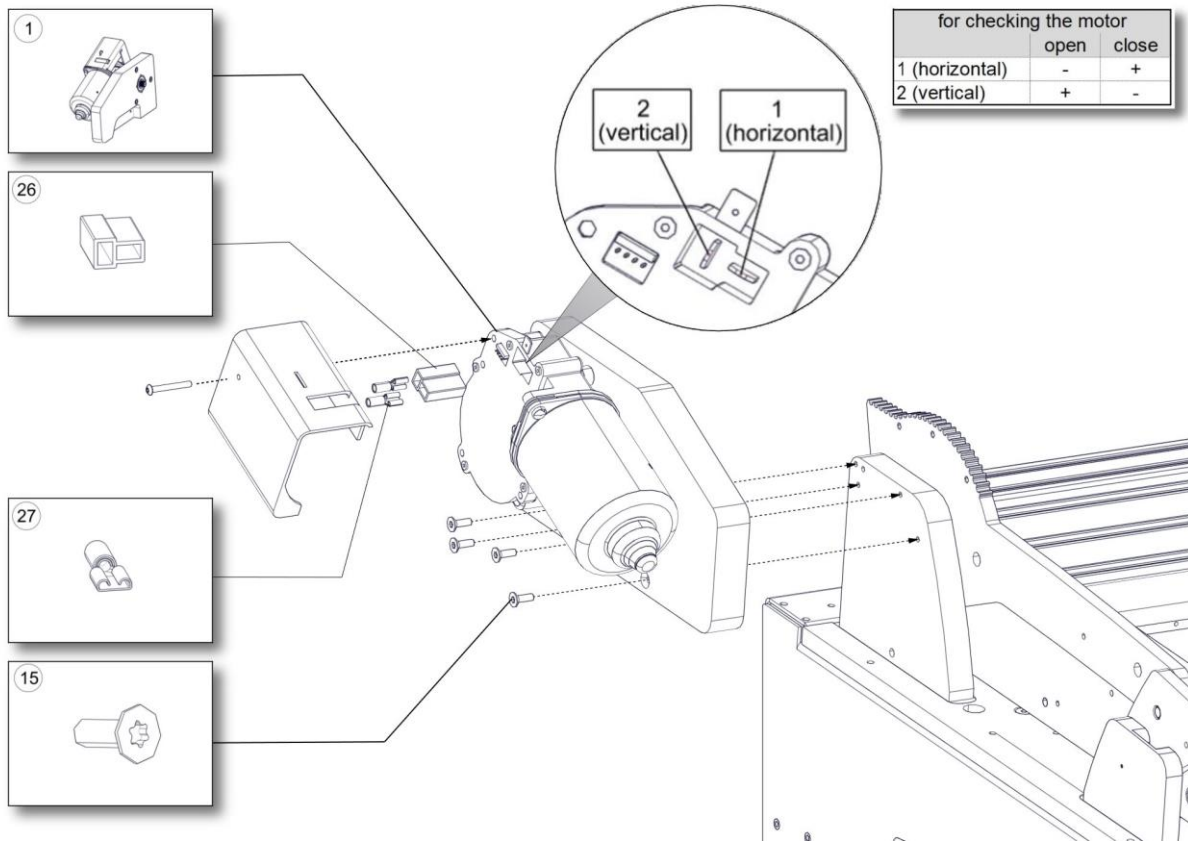
19)



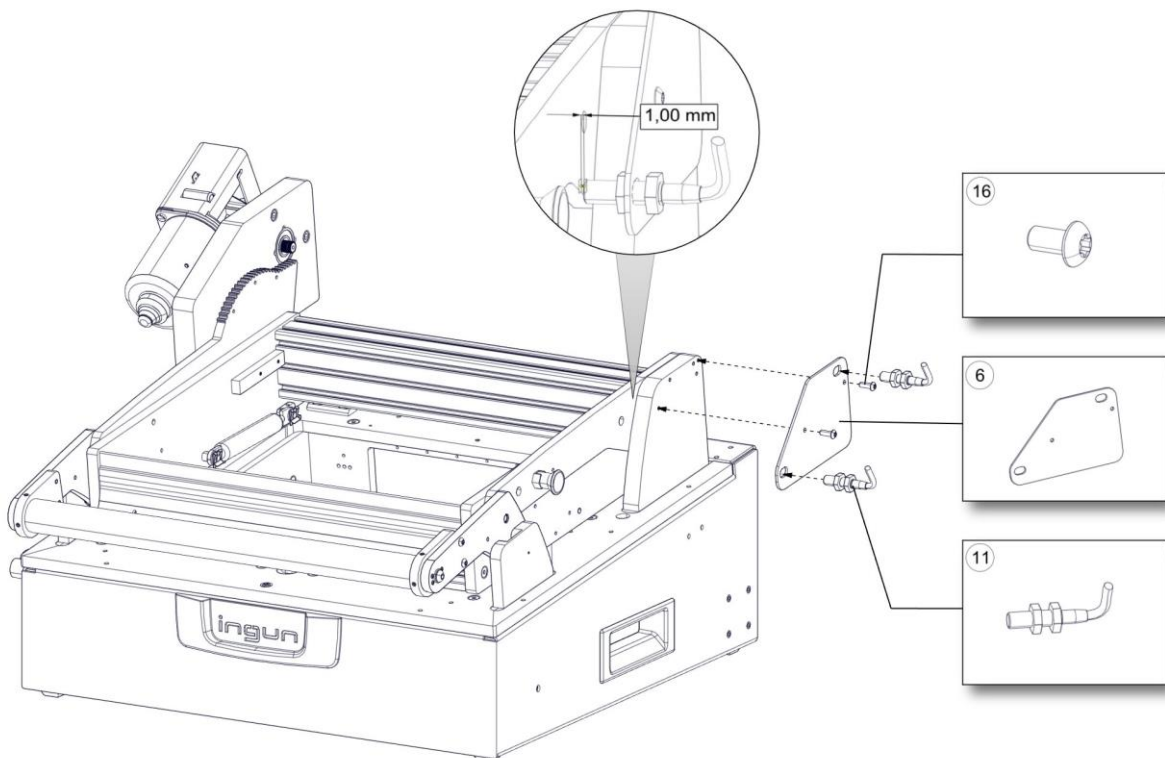
20)



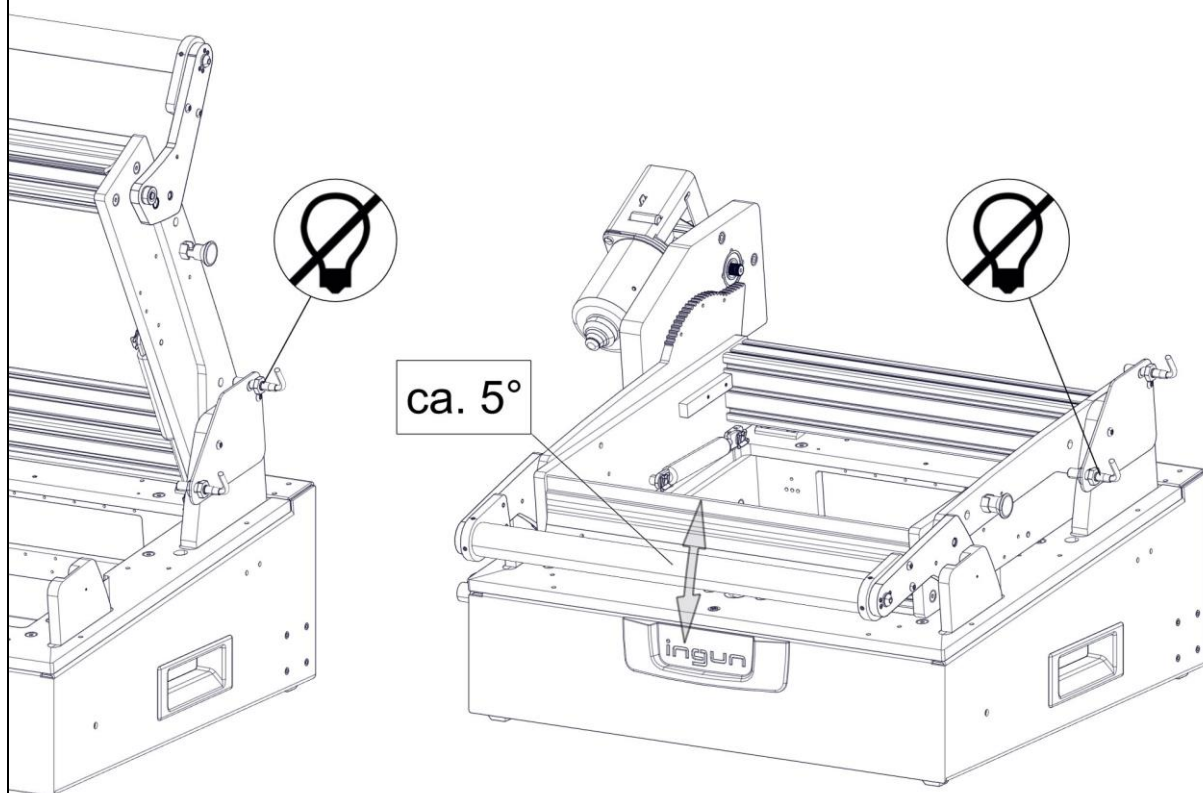
21)



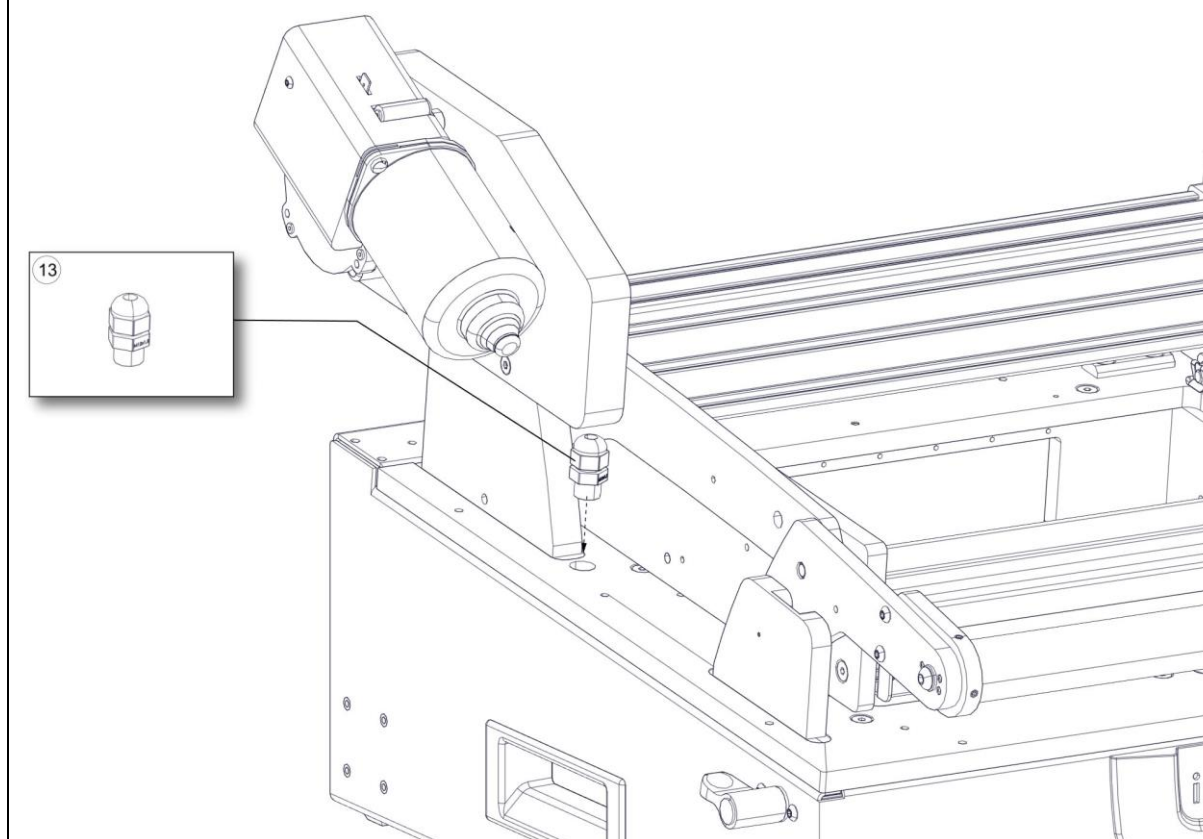
22)



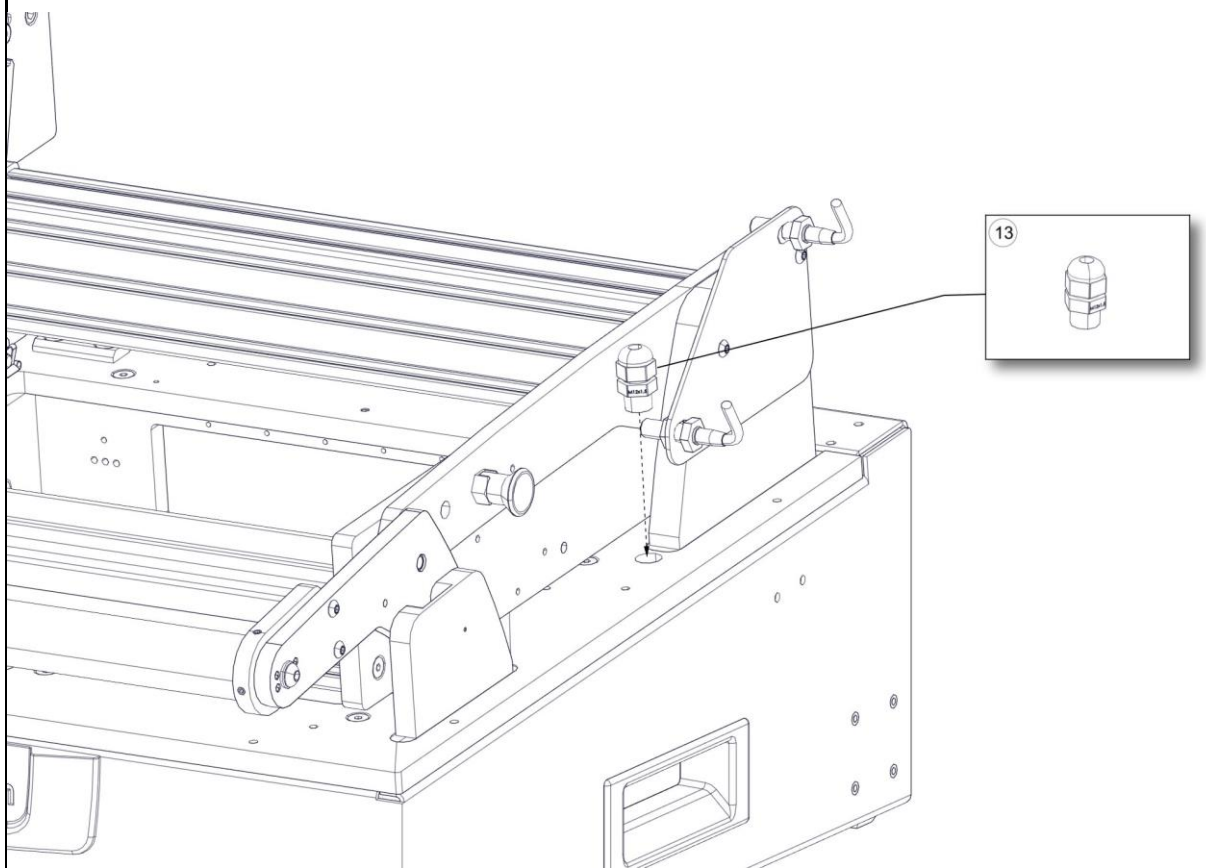
23)



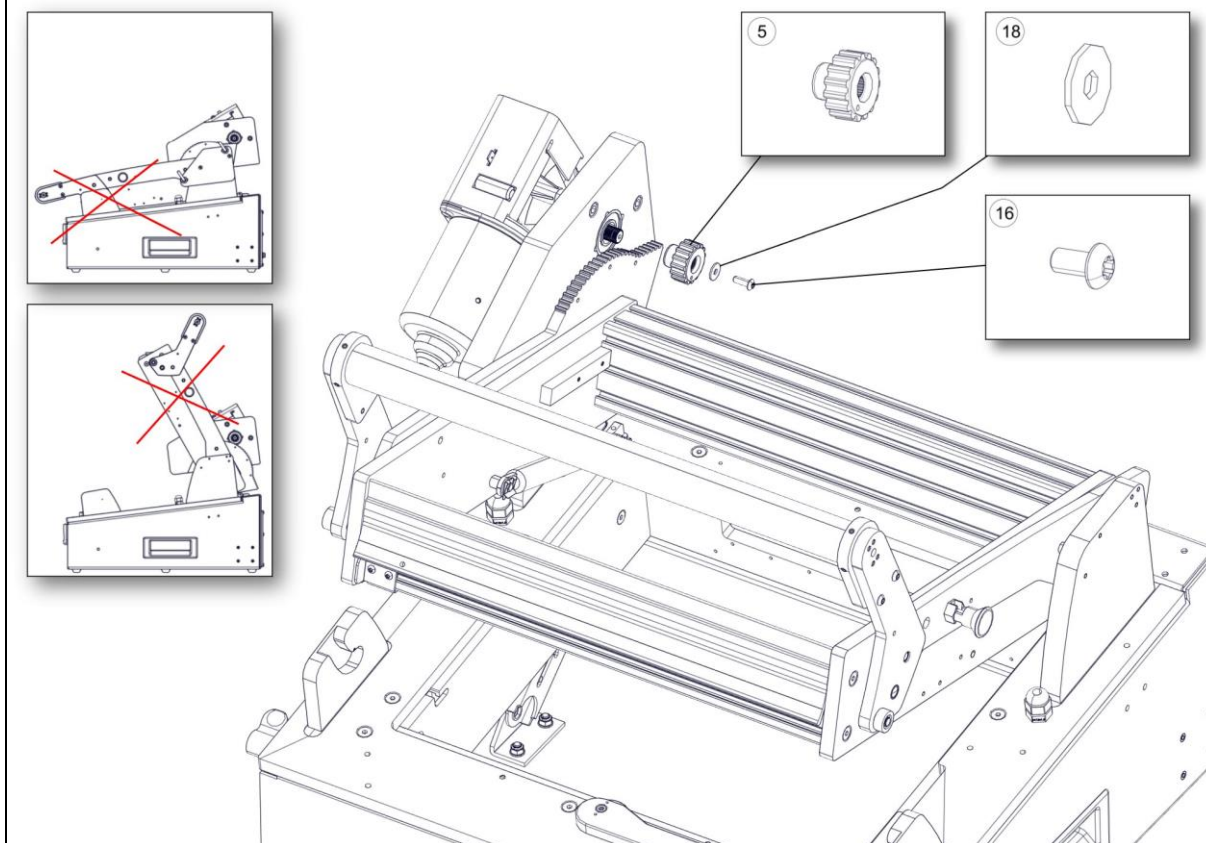
24)



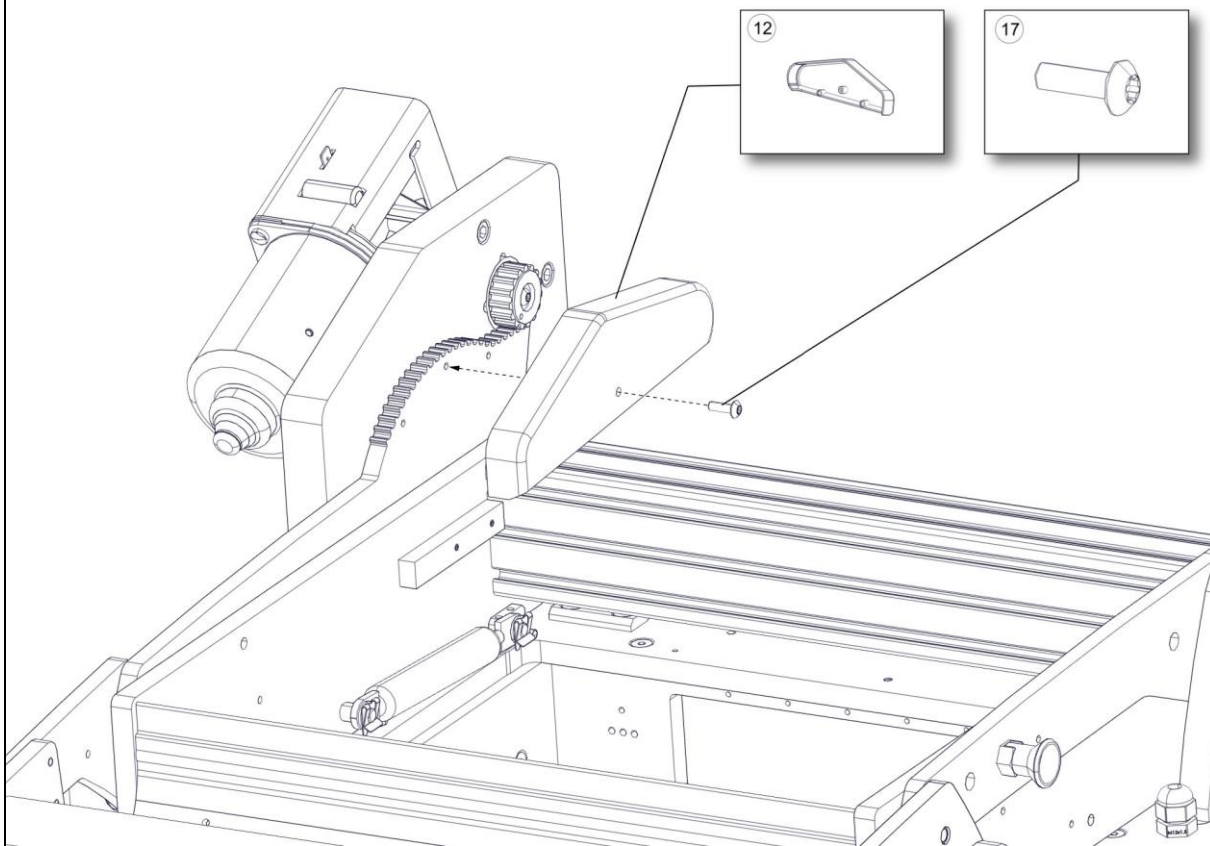
25)



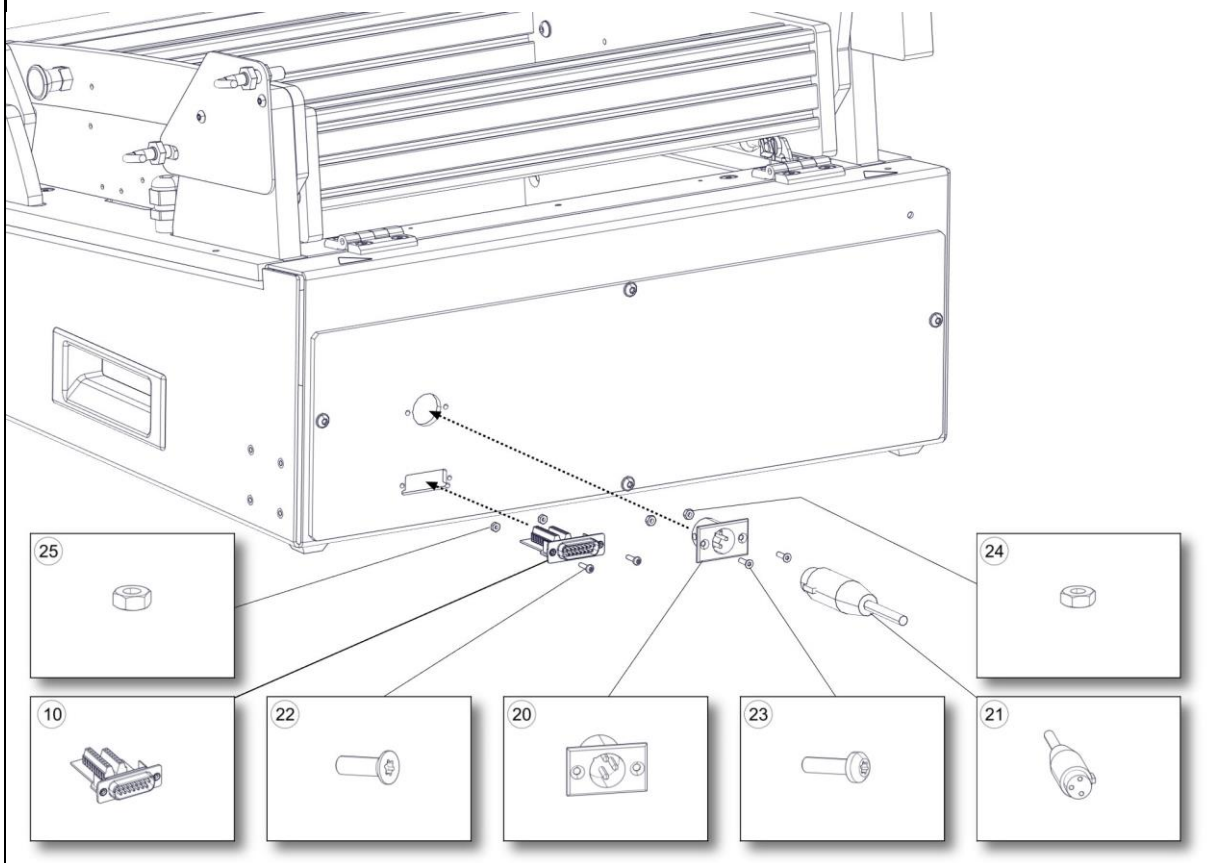
26)



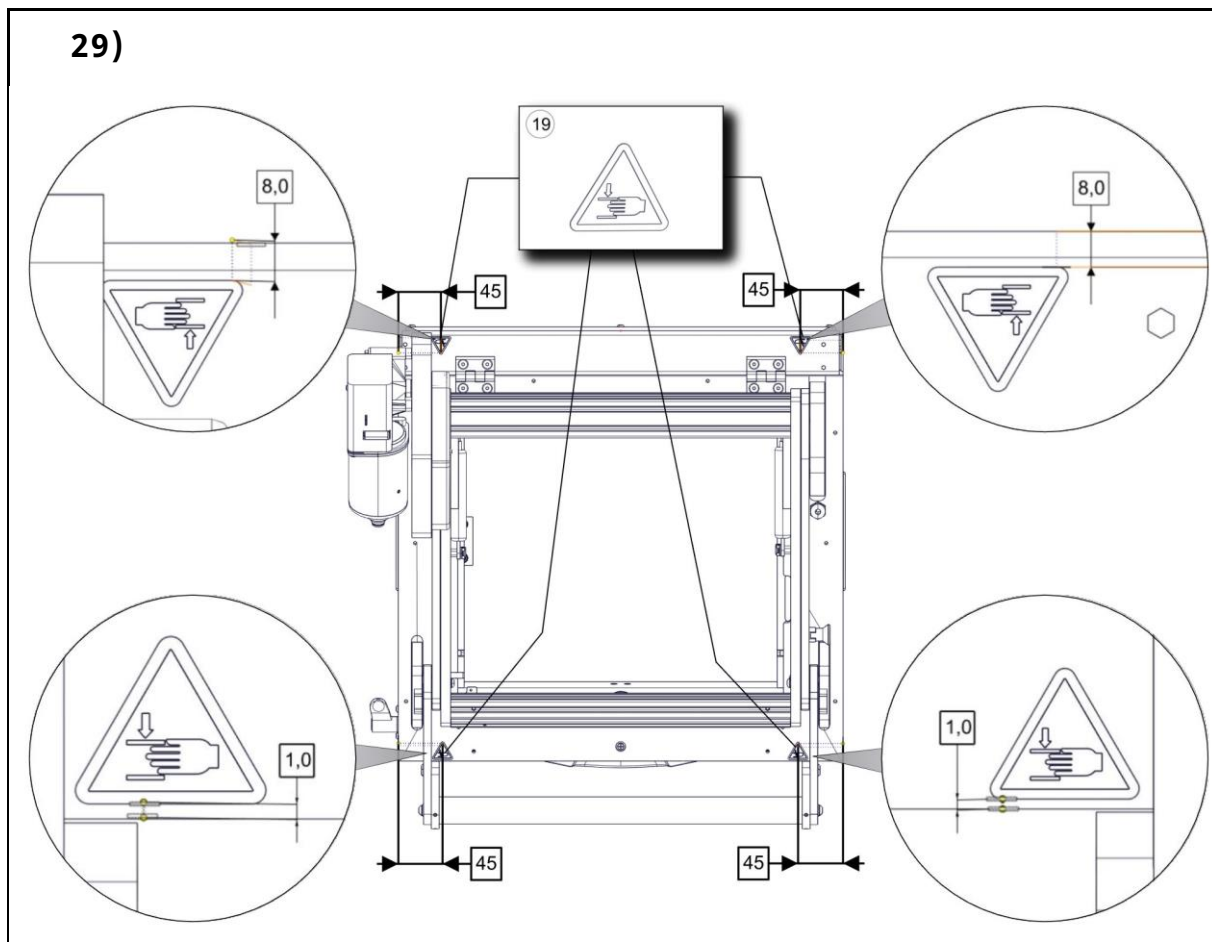
27)



28)

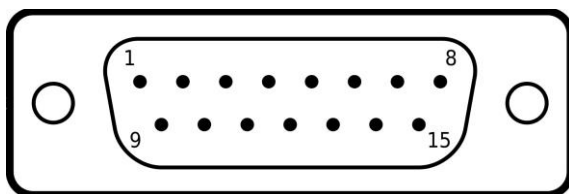


29)

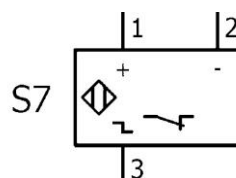


30)

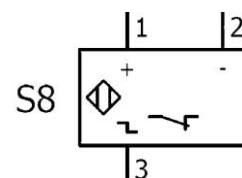
D-SUB 15 pol.



Endschalter zu /
Limit switch closed

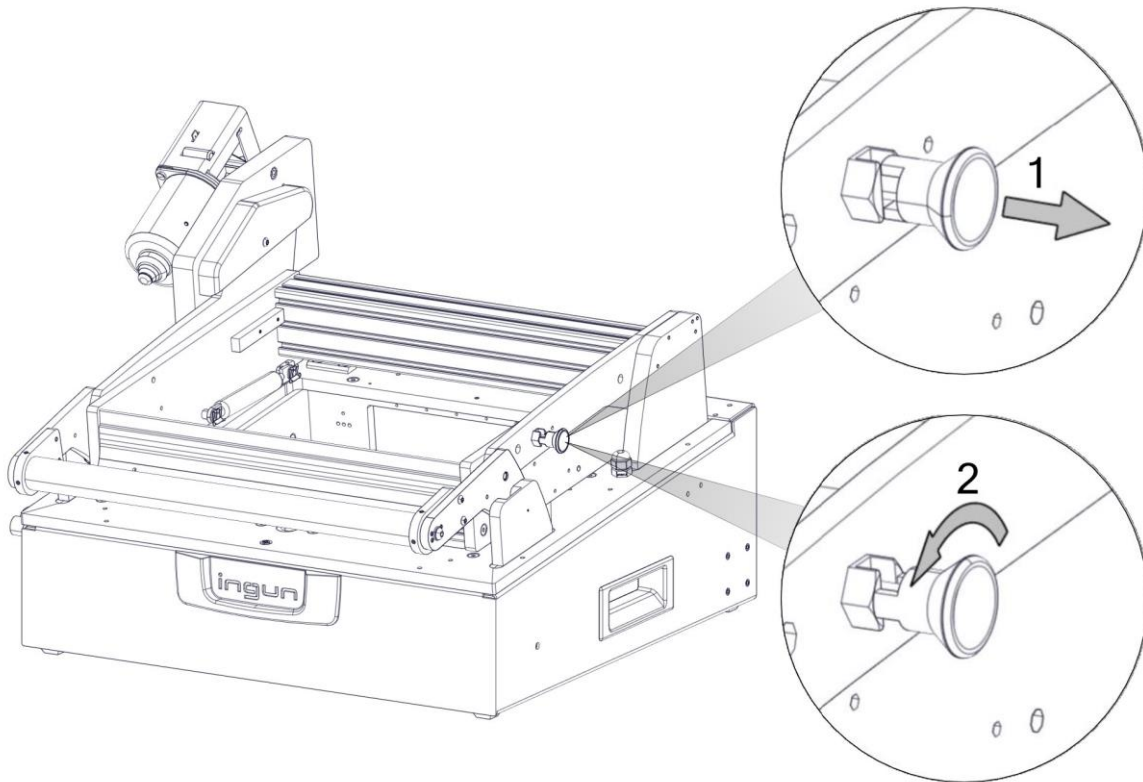


Endschalter auf /
Limit switch open



D-SUB-Pin 1	S7-1
D-SUB-Pin 2	S8-1
D-SUB-Pin 3	S7-2
D-SUB-Pin 4	S8-2
D-SUB-Pin 5	S7-3
D-SUB-Pin 6	S8-3

31)



ACHTUNG: Mögliche Beschädigung des Antriebszahnrades!

Bei verriegelter Antriebssperre wird das Antriebszahnrad durch das hohe Anlaufmoment des Motors beschädigt.

⇒ Vor Betätigung der Öffnungs-/Schließautomatik muss die Antriebsverriegelung entriegelt werden!

CAUTION: Possible damage to the drive gear wheel!

When the drive lock is locked, the drive gearwheel will be damaged by the high starting torque of the motor.

⇒ The drive lock must be unlocked before operating the automatic opener/closer!

INGUN Prüfmittelbau GmbH
Max-Stromeyer-Straße 162
D-78467 Konstanz
Tel. +49 7531 8105-0
www.ingun.com