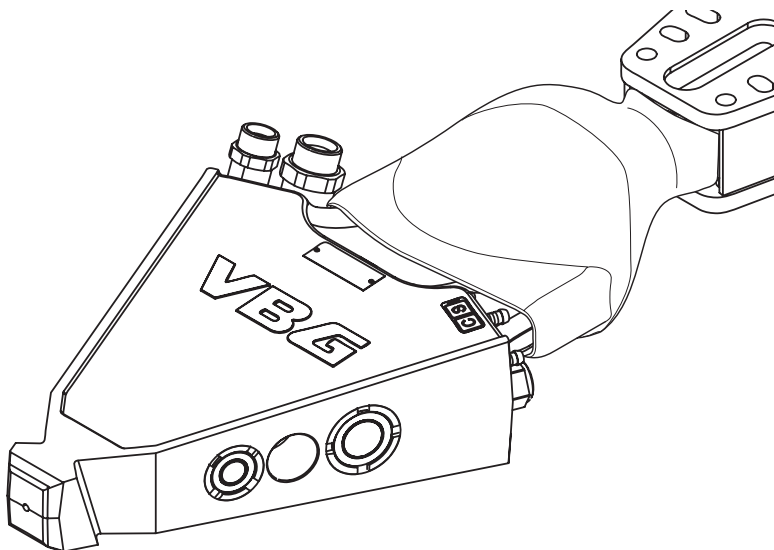


MOUNTING INSTRUCTION

2016-05-04 38-216405e

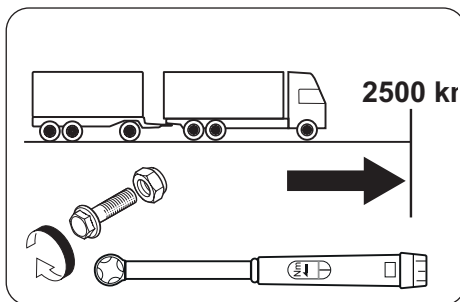
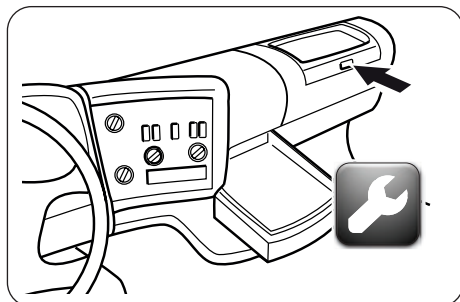
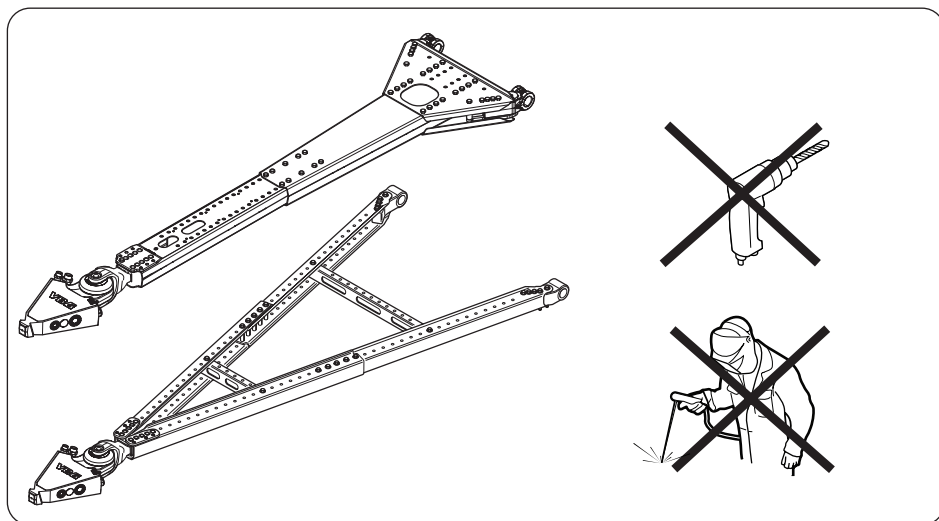
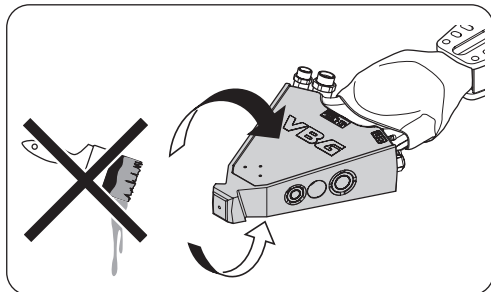


GB

Trailer part MFC



Mounting instruction



Optimal 5

Multi XF..... 9

Connection of power20

Connection of pneumatic... 21

Connection of hydraulics... 22

GB

General

Identify all parts before installation. Installation should be carried out carefully and professionally. Follow the instructions. All directives and instructions should be kept in the vehicle for future service and maintenance. When fitting the Briab bracket, lubricate the conical bushings with water-soluble lubricant. **NOTE** Mineral oil must not be used!

Optimal

By using different combinations it is possible to obtain drawbar lengths from 2,150 – 4,500 mm in steps of 50 mm, and C/C sizes between the rear brackets of 700, 900, 980, 1,100, 1,200 mm. The front slider can be shortened if necessary. It must be cut with a cutting tool (not flame). Cables and hoses must be protected from sharp edges.

Multi XF

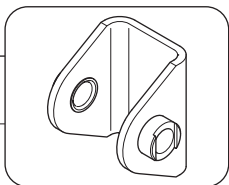
The sidemembers can be combined to drawbar lengths of 1,269 mm – 4,358 mm in steps of 62 mm. The c/c dimension can be from 700 – 1,300 mm. The sidemembers can be shortened if necessary, see figure 4. They must be cut with a cutting tool (not with flame).



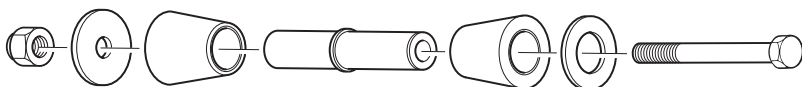
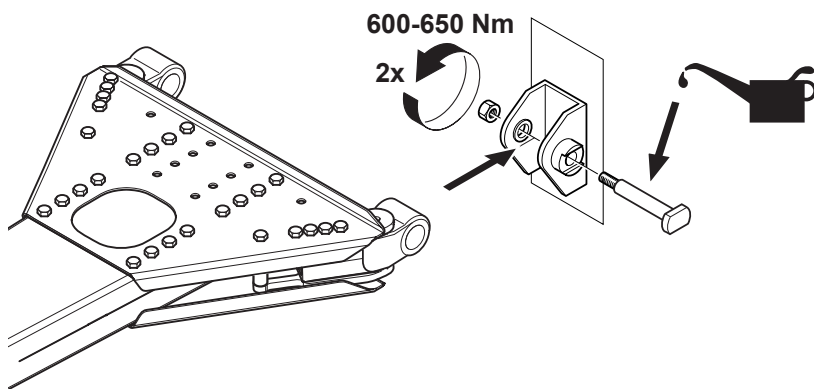
The text by a WARNING symbol indicates the risk of damage if the instructions in the warning are not followed.



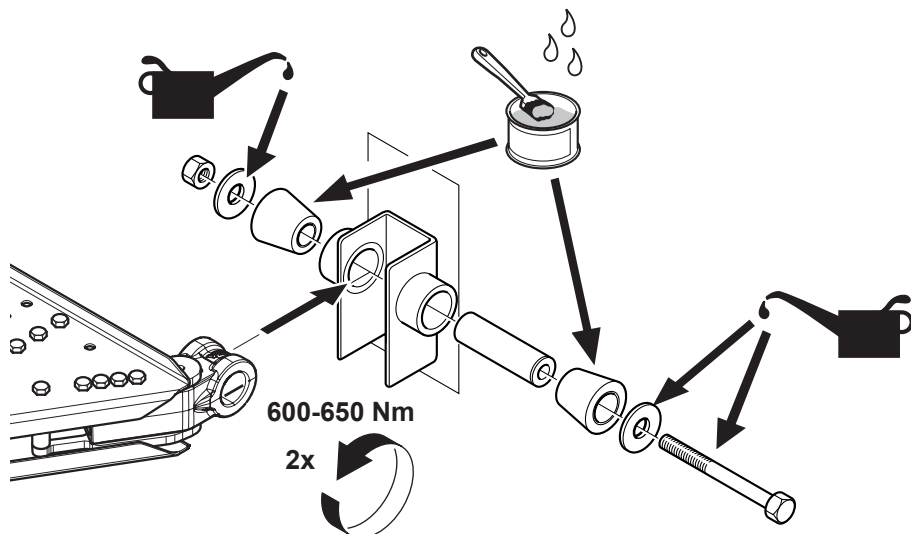
Do not direct high-pressure jet at the drawbar wedge since this can press dirt into the power plug or air ducts.



1a.



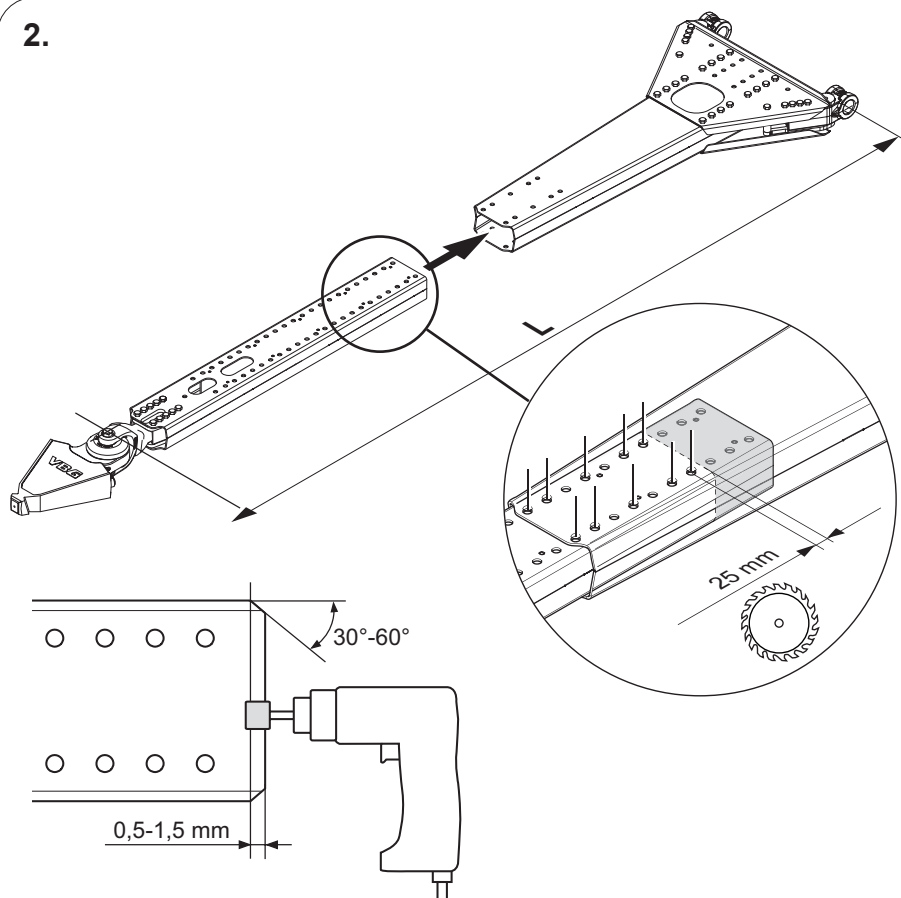
1b.



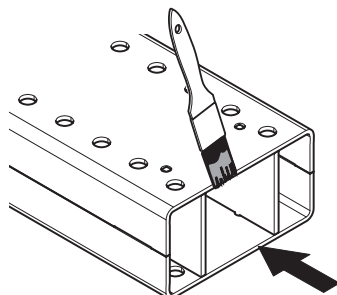


Optimal

2.

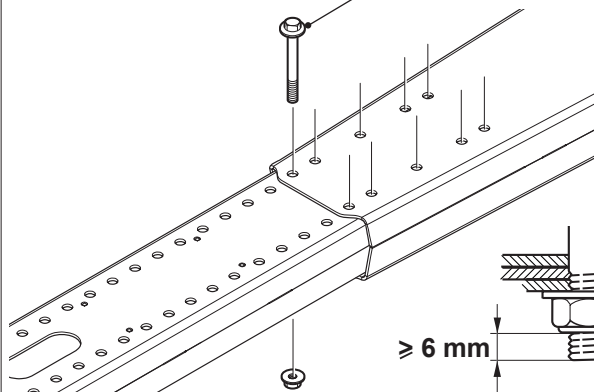


3.

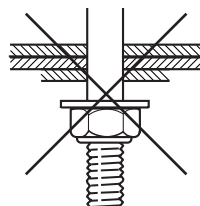
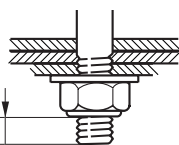


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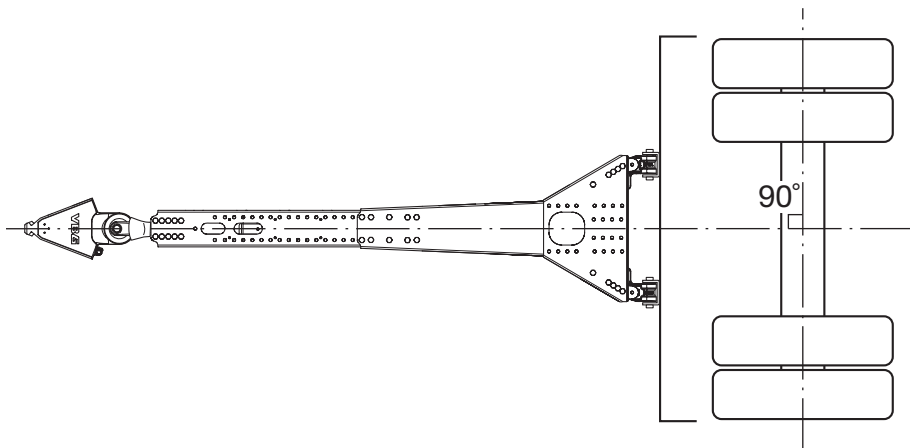
10 x M16x140, 8.8



$\geq 6 \text{ mm}$

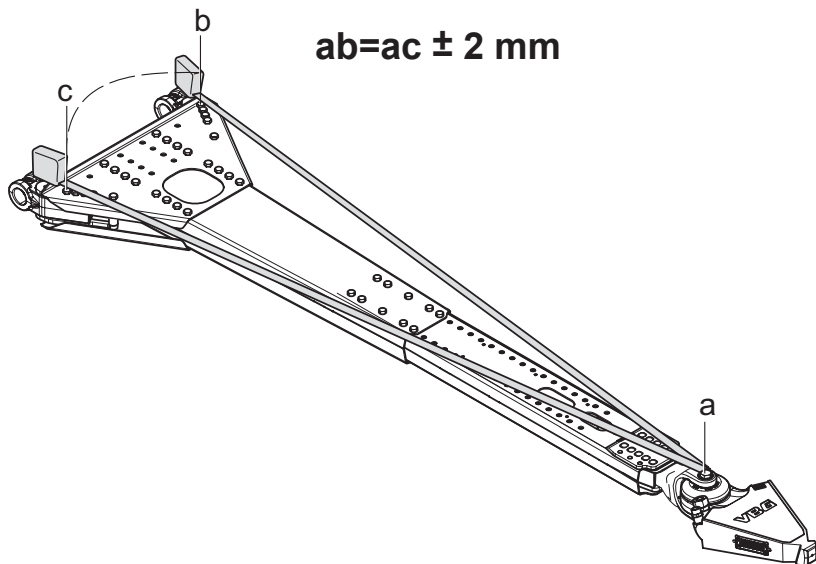


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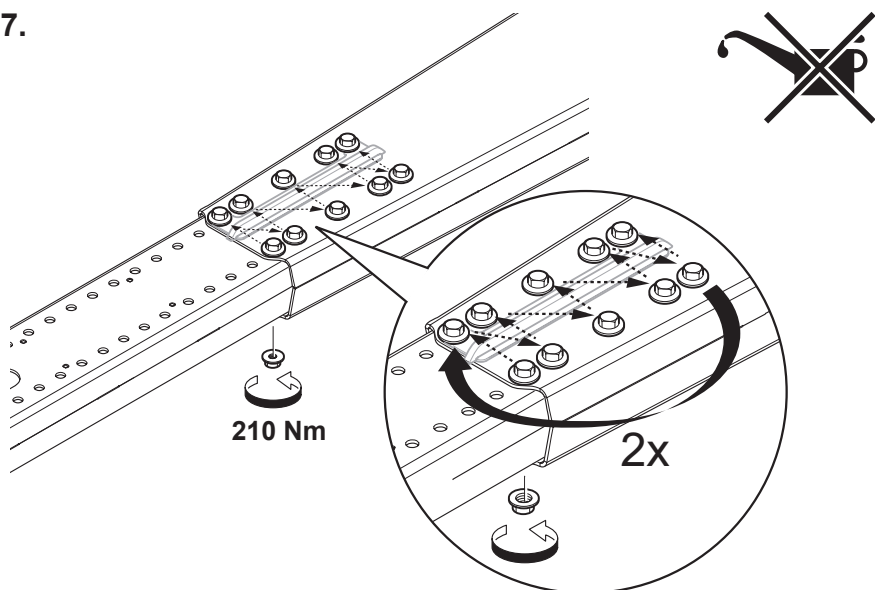


90°

6.

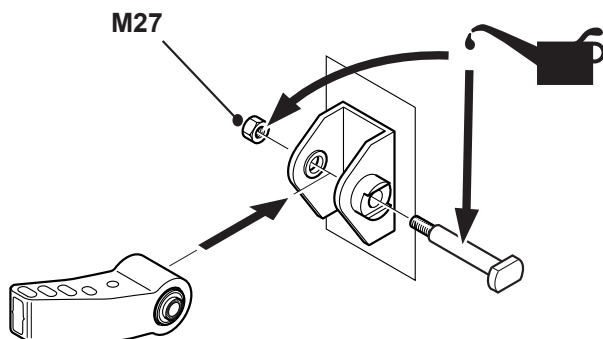
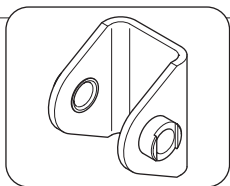


7.

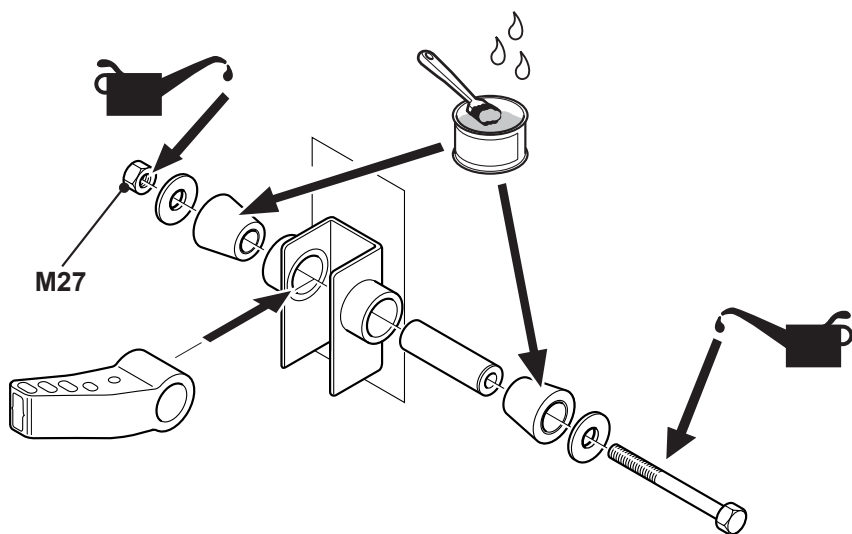
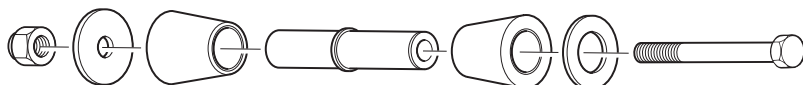




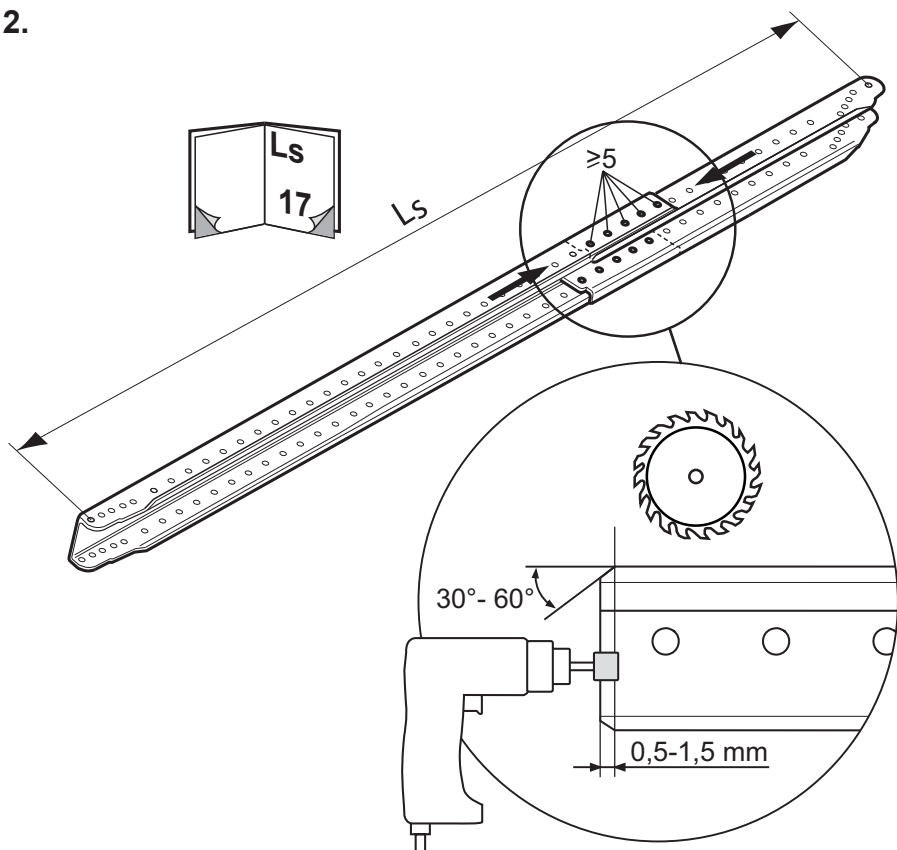
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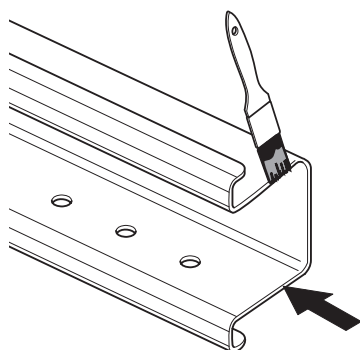
1b.



2.

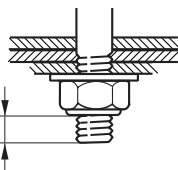
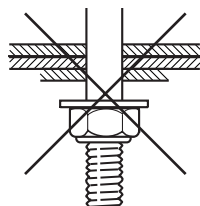
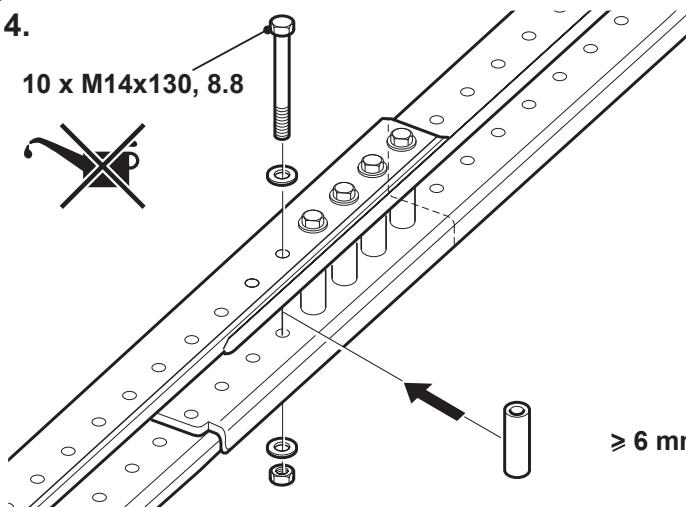


3.



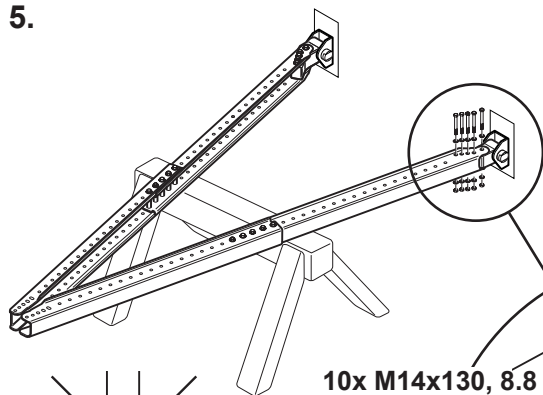
4.

10 x M14x130, 8.8

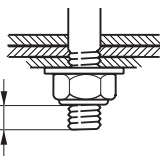
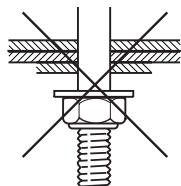


≥ 6 mm

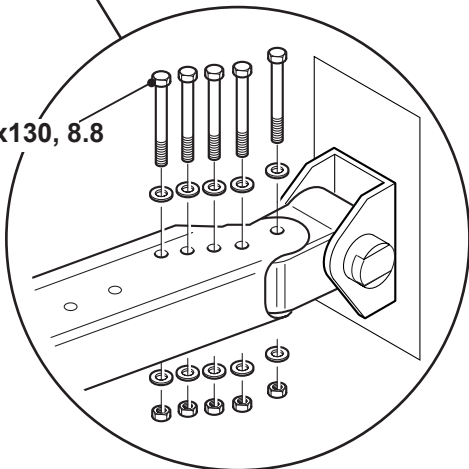
5.



10x M14x130, 8.8



≥ 6 mm



6.

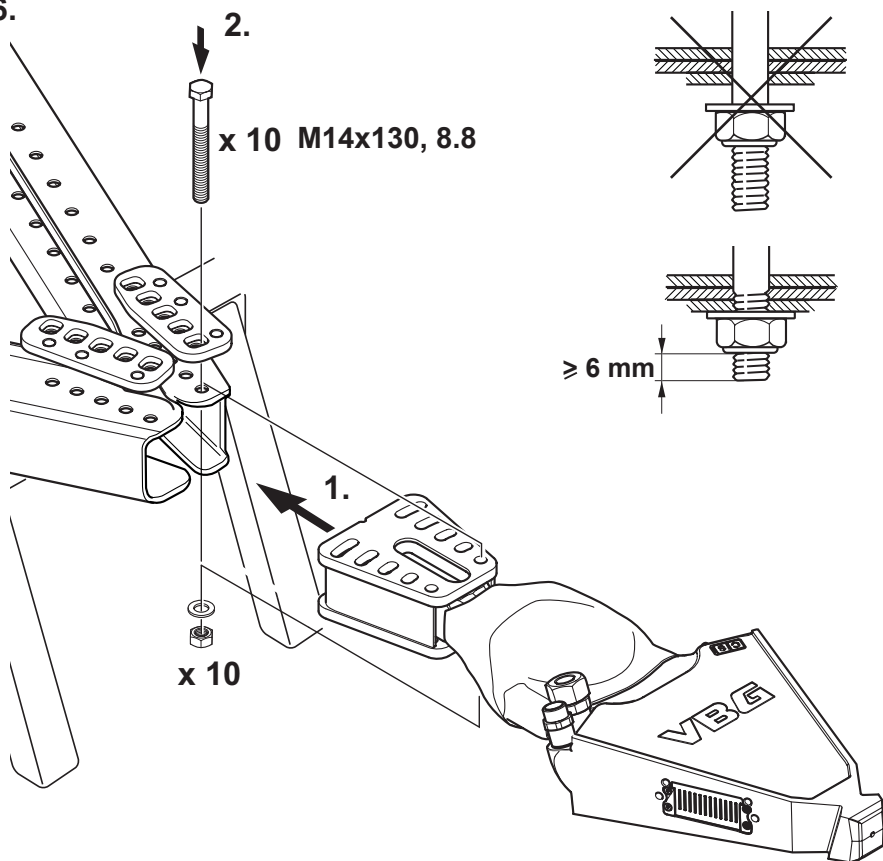
2.

x 10 M14x130, 8.8

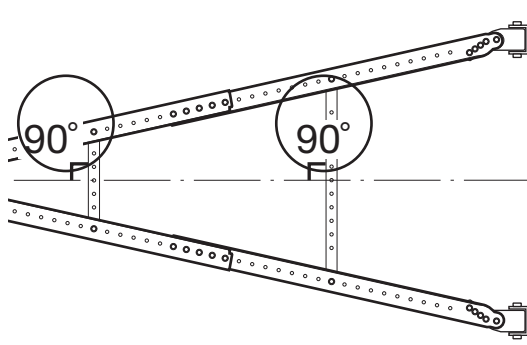
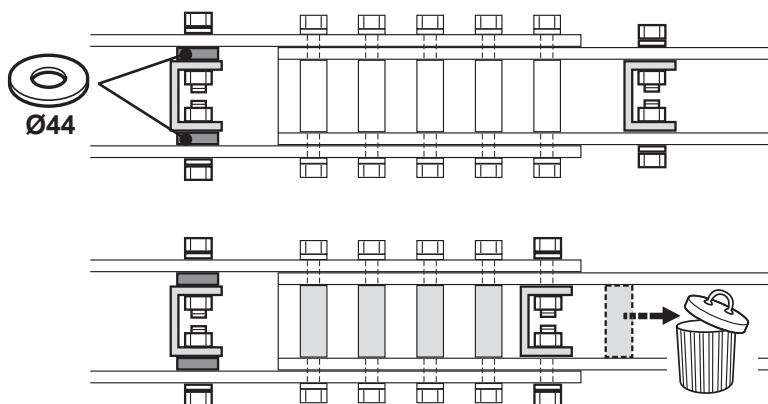
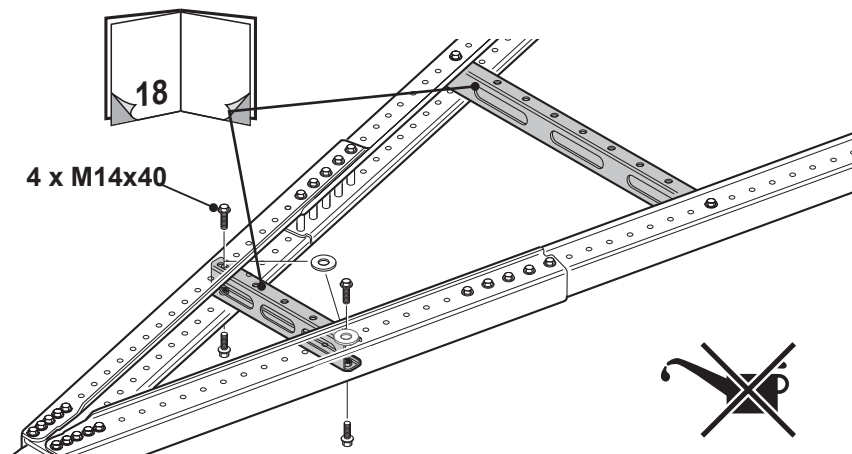
1.

x 10

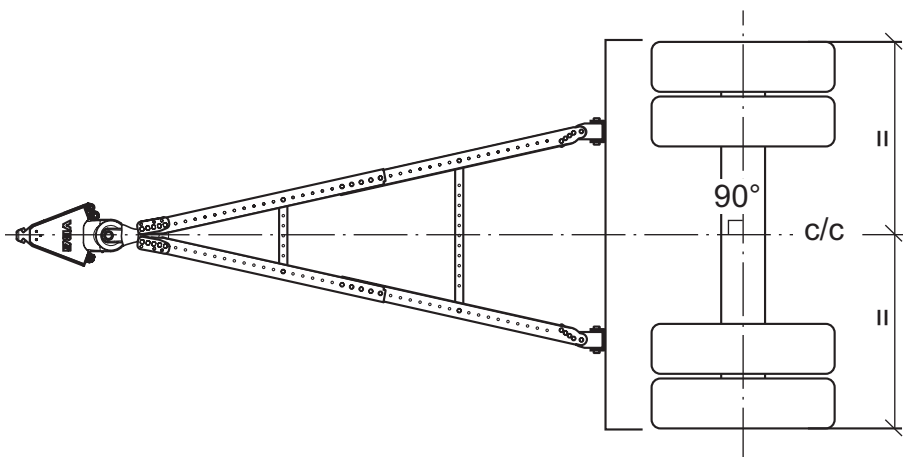
≥ 6 mm



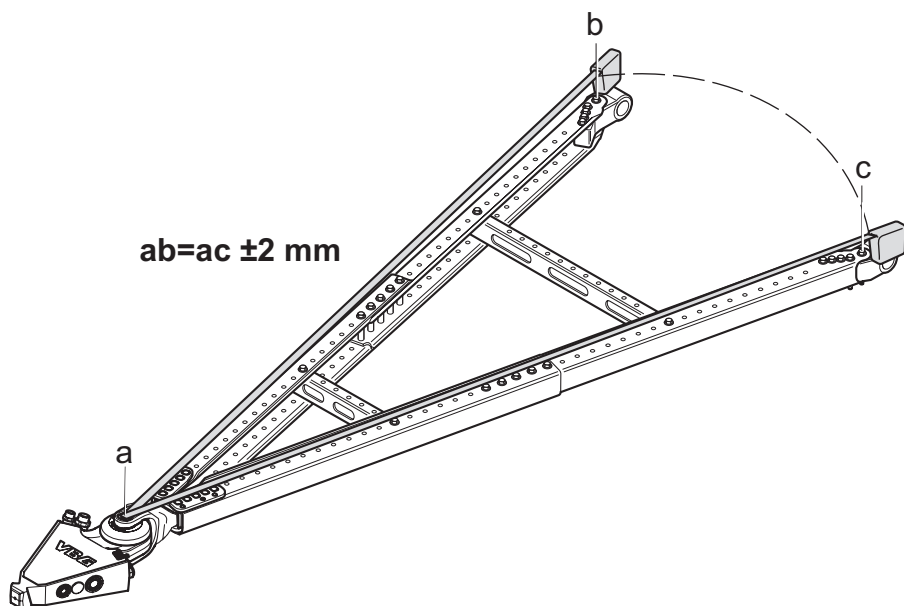
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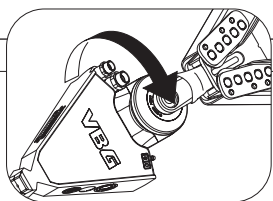
8.



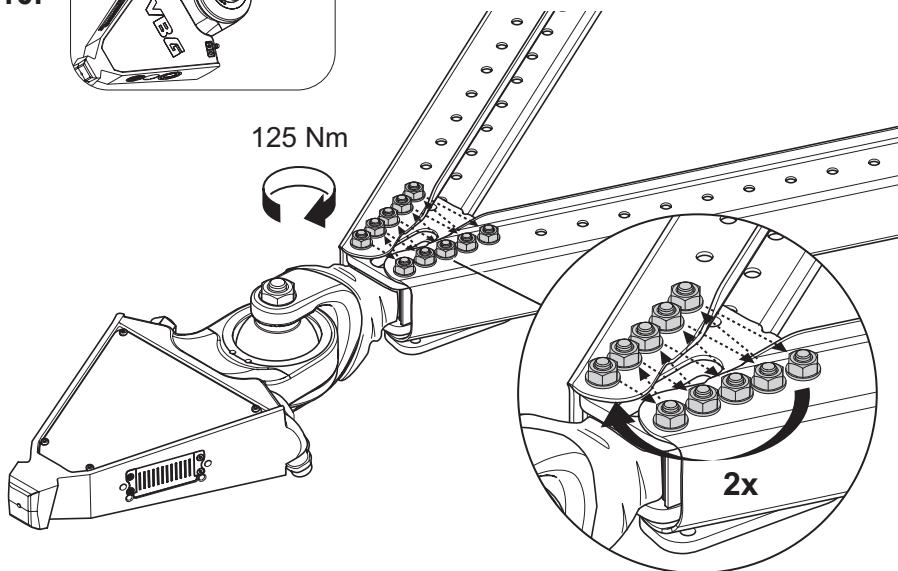
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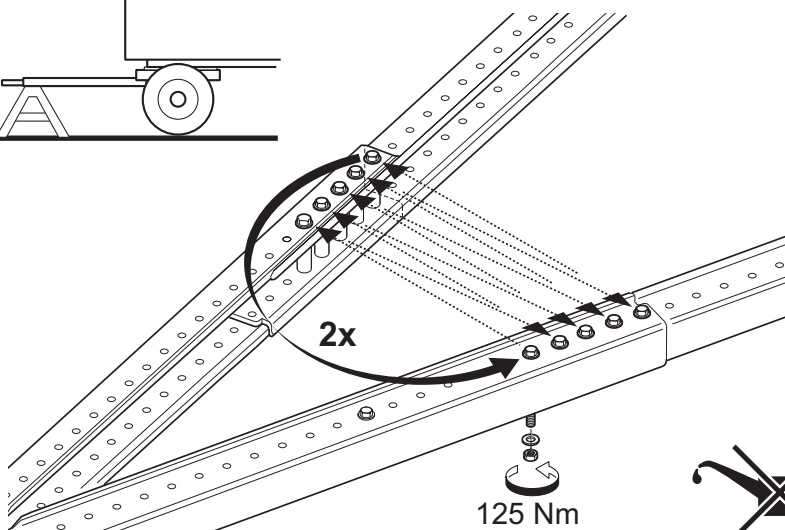
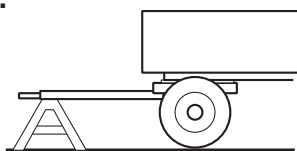
10.



125 Nm



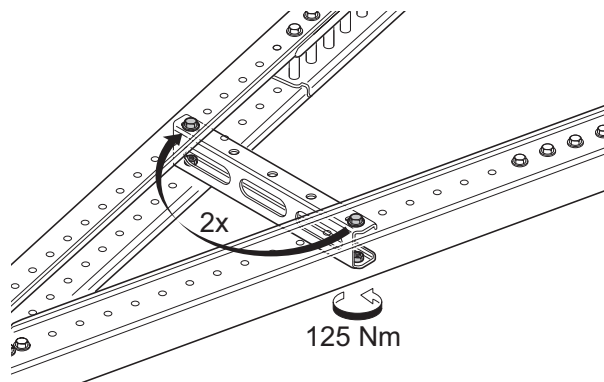
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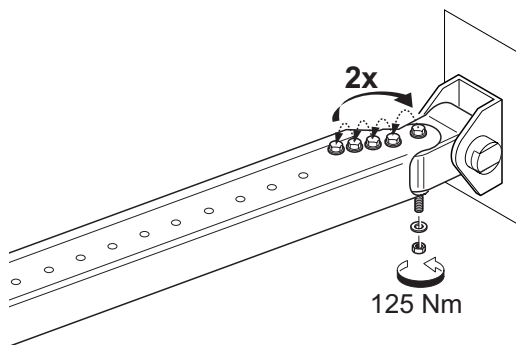
125 Nm



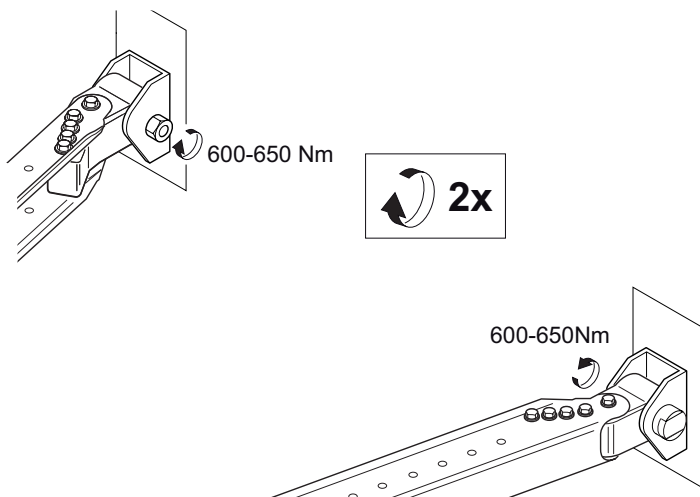
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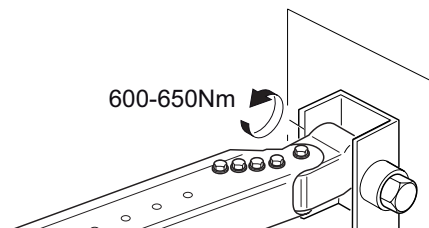
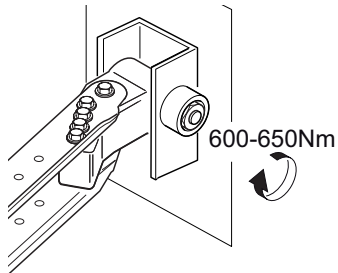
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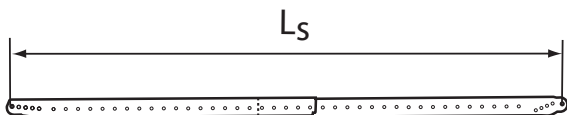
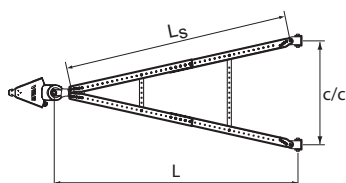
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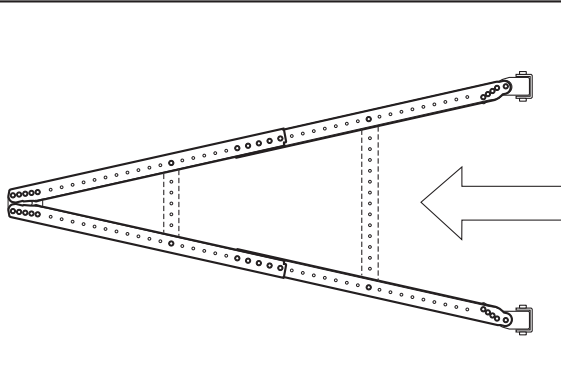
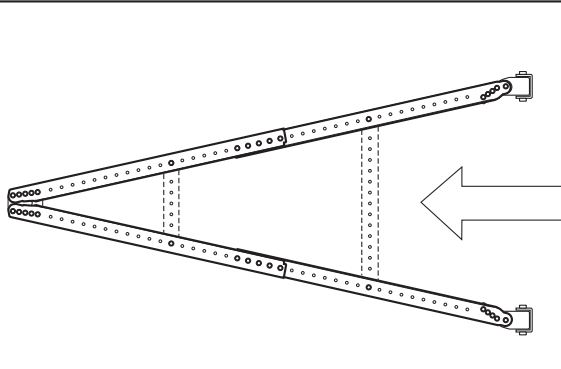
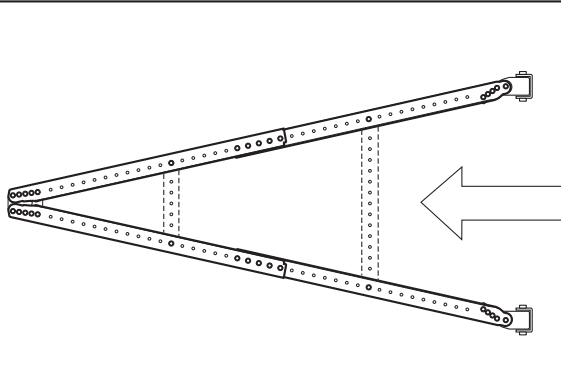
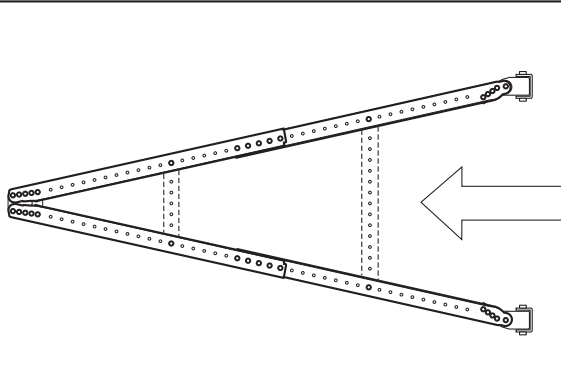


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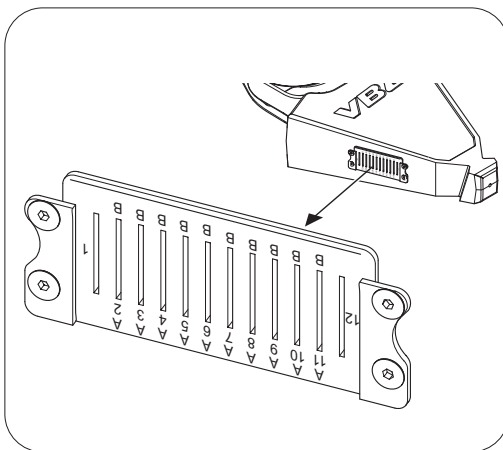
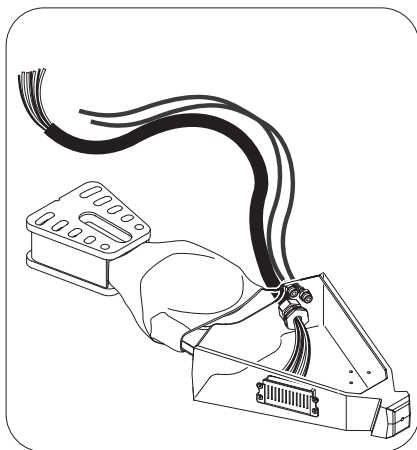
MFC	c/c=700mm	c/c=900mm	c/c=980mm	c/c=1100mm	c/c=1200mm	c/c=1300mm	L _s
L	4338	4330	4325	4318	4312	4304	4060
	4276	4267	4262	4255	4249	4241	3997,5
	4213	4204	4200	4192	4185	4178	3935
	4150	4141	4137	4129	4122	4115	3872,5
	4088	4078	4074	4066	4059	4051	3810
	4025	4015	4011	4003	3996	3988	3747,5
	3962	3953	3948	3940	3933	3925	3685
	3900	3890	3885	3877	3870	3861	3622,5
	3837	3827	3822	3814	3806	3798	3560
	3774	3764	3759	3751	3743	3735	3497,5
	3711	3701	3696	3687	3680	3671	3435
	3649	3638	3633	3624	3616	3608	3372,5
	3586	3575	3570	3561	3553	3544	3310
	3523	3512	3507	3498	3489	3480	3247,5
	3460	3449	3444	3434	3426	3417	3185
	3397	3386	3380	3371	3363	3353	3122,5
	3335	3323	3317	3308	3299	3289	3060
	3272	3260	3254	3244	3235	3226	2997,5
	3209	3197	3191	3181	3172	3162	2935
	3146	3134	3128	3118	3108	3098	2872,5
	3083	3070	3064	3054	3044	3034	2810
	3020	3007	3001	2990	2981	2970	2747,5
	2957	2944	2938	2927	2917	2906	2685
	2895	2881	2874	2863	2853	2841	2622,5
	2832	2818	2811	2799	2789	2777	2560
	2769	2754	2747	2736	2725	2713	2497,5
	2706	2691	2684	2672	2661	2648	2435
	2643	2627	2620	2608	2596	2584	2372,5
	2580	2564	2556	2544	2532	2519	2310
	2517	2500	2493	2480	2468	2454	2247,5
	2453	2437	2429	2416	2403	2389	2185
	2390	2373	2365	2351	2338	2324	2122,5
	2327	2310	2301	2287	2273	2259	2060
	2264	2246	2237	2222	2208	2193	1997,5
	2201	2182	2173	2158	2143	2128	1935
	2137	2118	2109	2093	2078	2062	1872,5
	2074	2054	2044	2028	2012	1995	1810
	2010	1990	1980	1963	1947	1929	1747,5
	1947	1925	1915	1897	1881	1862	1685
	1883	1861	1850	1832	1814	1795	1622,5
	1820	1796	1785	1766	1747	1727	1560
	1756	1731	1719	1699	1680		1497,5
	1692	1666	1654	1633	1613		1435
	1628	1601	1588	1566			1372,5
	1564	1535	1522	1498			1310
		1470	1455				1247,5
		1403	1388				1185
		1336					1122,5
		1269					1060



					XS  417 mm: 25-0742xx
					S  588 mm: 25-0741xx
					M  738 mm: 25-0740xx
					L  987 mm: 25-0739xx
	25-0750xx	25-0751xx	25-0752xx	25-0753xx	XS + S
	25-0754xx	25-0755xx	25-0756xx	25-0757xx	
	25-0758xx	25-0759xx	25-0760xx	25-0761xx	XS + M
	25-0762xx	25-0763xx	25-0764xx	25-0765xx	
	25-0774xx	25-0775xx	25-0776xx	25-0777xx	
	25-0778xx	25-0779xx	25-0780xx	25-0781xx	
	25-0766xx	25-0767xx	25-0768xx	25-0769xx	S + L
	25-0770xx	25-0771xx	25-0772xx	25-0773xx	
	25-0782xx	25-0783xx	25-0784xx	25-0785xx	
	25-0786xx	25-0787xx	25-0788xx	25-0789xx	
	25-0790xx	25-0791xx	25-0792xx	25-0793xx	
	25-0794xx	25-0795xx	25-0796xx	25-0797xx	M
	25-0806xx	25-0807xx	25-0808xx	25-0809xx	
	25-0810xx	25-0811xx	25-0812xx	25-0813xx	
	25-0798xx	25-0799xx	25-0800xx	25-0801xx	
	25-0802xx	25-0803xx	25-0804xx	25-0805xx	L
	25-0814xx	25-0815xx	25-0816xx	25-0817xx	
	25-0818xx	25-0819xx	25-0820xx	25-0821xx	



Connection of power

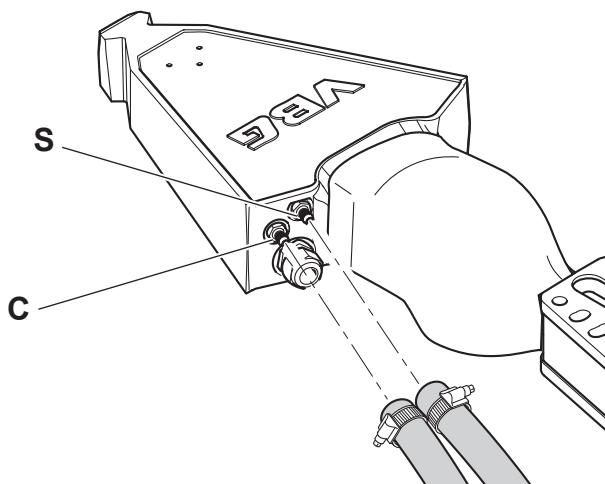


Terminal	Cable		Function
	No.	Colour	
1	1	black	Minus - connected to minus solenoid valve, ABS, EBS
2a	2	white	Left direction indicator
2b	2	black	Plus solenoid valve, ABS, EBS
3a	3	white	Right direction indicator
3b	3	black	Plus electronics, ABS, EBS
4a	4	white	Brake light
4b	4	black	Minus electronics, ABS, EBS
5a	5	white	Left rear light, number plate light, position light, marking light
5b	5	black	Warning device, ABS, EBS
6a	6	white	Right rear light, number plate light, position light, marking light
6b	6	black	Reversing light
7a	7	white	(Fog tail light)
7b	7	black	
8a	8	white	
8b	8	black	
9a	9	white	
9b		yellow	Trailer info -
10a	10	white	CANH, ABS, EBS
10b	10	black	CANL, ABS, EBS
11a	11	white	
11b		violet	Trailer info +
12	12	black	Power supply +



Connection of pneumatics

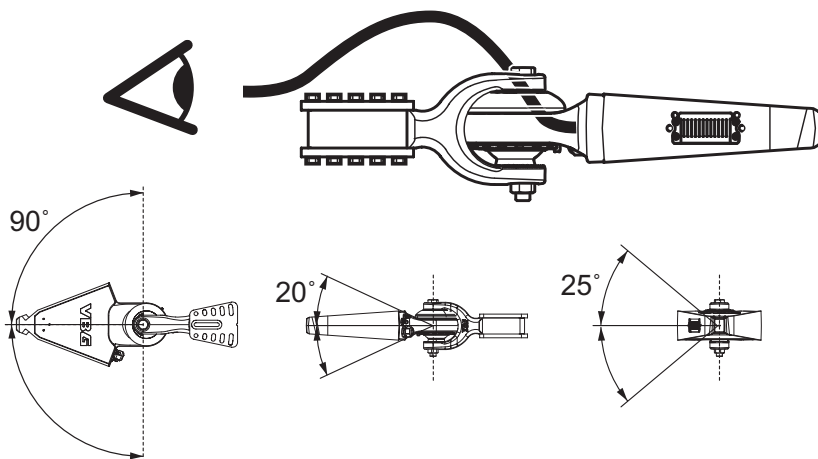
1.



Connect the air to the drawbar wedge.

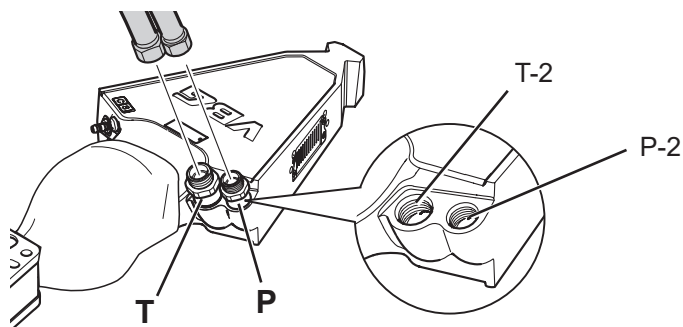
S = Supply connected to the trailer's air tank system.

C = Control connected to the trailer's brake system.



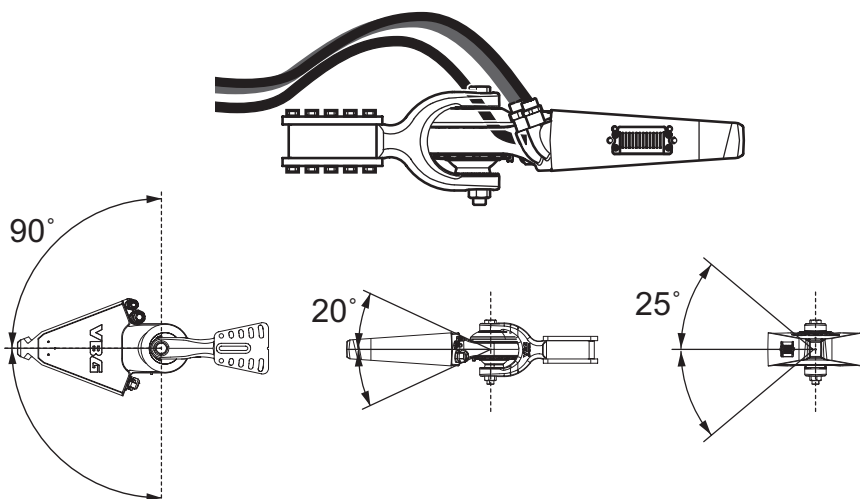


Connection of hydraulics



	Connection	Max pressure (bar)	Torque (Nm)
P	M30x2 24° cone	250	116
T	M36x2 24° cone	200	133
P-2	ISO 1179-1 G 3/4 A	250	170
T-2	ISO 1179-1 G 1 A	200	330

Connect the machine's hoses to P and T connections according to the wiring diagram selected for the trailer.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

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The strong connection