# **Technical information**

# STOLL front loaders



### **Mounting of brackets**

Scope: Stoll brackets

Symptom: If the attachment is too wide or too narrow, the locking hook is not parallel

Possible cause: Installation error, not installed in accordance with the instructions.

If the brackets are not installed properly, it may mean that the entry hooks are too narrow or too wide. Likewise, the entry hook can point forwards or backwards.

The installation instructions and assembly sequence must therefore be observed.

When mounting the screws in the first step secure them with a low torque unless stated otherwise, and loosen the connection between the attachment and lifting device.

In the second step, after all the screws have been attached, the screws are tightened with the final torque according to the installation instructions.

Unless specified otherwise in the instructions, tighten from the middle out, in a spiral form.

Please note the following for attachment components with cone bushings:

If the cone bushings are loosely enclosed, the correct mounting position must be assigned to the tractor. The screws of the cone bushings should be tightened in several (3-4) steps, gradually crosswise. This is important so as to ensure that the cone bushings do not distort each other.

The tightening torques must be adhered to for all installation work.

Before the installation, all the paint on all the contact surfaces of the tractor-attachment connection must be completely removed from the brackets component and the tractor. The contact surfaces must be free from grease and lubricants.

The connection to the tractor is a non-positive connection.

The paint on the threaded holes must also be completely removed and these need to be recut. Neither the screws nor the threaded holes must be lubricated or greased.

#### **Caution:**

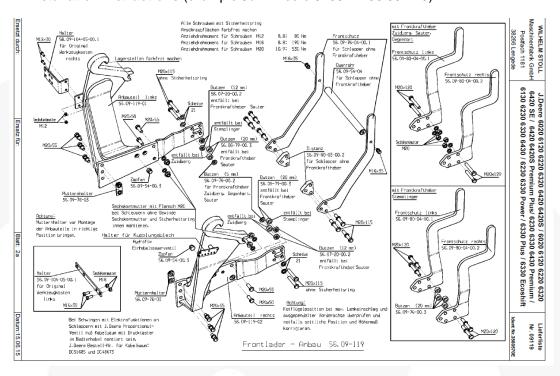
A lubricant can increase the tightening force, thereby over torque the screw or the thread could break.

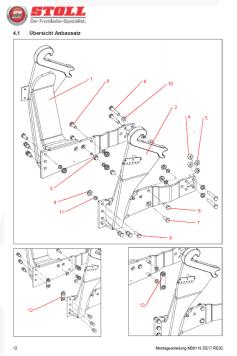


# Technical information

#### STOLL front loaders

## Example excerpt from a delivery list (old version installation instructions) and current version of the installation instructions (example John Deere 6230 AT 56.09-119)





	Art. Nr.	Anz.	Benennung	Hinweise
	3557630		Anbausatz 56.09-119 besteht aus:	
1	3559850	-1	Anbauteil links 56.09-119-01	
2	3559860	1	Anbauteil rechts 56.09-119-02	
3	2399010	2	Zapfen 56.09-54-00.3	
4	2343160	4	Distanzbuchse 40x20x22	Distanz 20 mm
5	1381930	4	Distanzbuchse 40x12x22	Distanz 12 mm
6	1410390	4	Sechskantschraube M20x115 10.9	
7	1421910	2	Sechskantschraube M20x50 10.9	
8	1408860	8	Sechskantschraube M20x55 10.9	
9	1409110	4	Flanschmutter M20	
0	0468250	4	Scheibe 21	
1	0452170	10	Sperrkantring 20	
12	3355430	2	Mutterhalter	J. Deere 6020 - 6430
		2		
_	3664850		21 20 25	J. Deere 6110 – 6130 R
13		)	21 20	J. Deere 6110 – 6130 R
_		<i>J</i> .	25 25 23	J. Deere 6110 – 6130 R
8		<i>J</i> .	25 25 23	J. Deere 6110 – 6130 R
8		<i>J</i> .	21 20 25 25 23	J. Deere 6110 – 6130 R
8		<i>J</i> .	25 25 23	J. Deere 6110 – 6130 R  für Träktoren ohne Frontkraft- heber
S	22	<i>J</i> .	21 20 25 25 25 24 Frontschutz ohne FKH 56.09-104-04	für Traktoren ohne Frontkraft-
8	3443120	)) c	21 20 25 25 23 23 Frontschutz ohne FKH 56,09-104-04 besteht aus:	für Traktoren ohne Frontkraft-
10 21	3443120 3369550	2	21 20 25 25 25 23 23 23 24 25 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26	für Traktoren ohne Frontkraft-
20 21 22	3443120 3369550 3560690	2 1	21 25 25 25 25 23 27 24 27 27 27 27 27 27 27 27 27 27 27 27 27	für Traktoren ohne Frontkraft-
20 21 22 23	3443120 3369550 3560690 3369490	2 1 2	71 25 25 25 25 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	für Traktoren ohne Frontkraft-
20	3443120 3369550 3560690 3369490 0011280	2 1 2 2	21 25 25 25 25 26 27 26 27 27 27 27 28 27 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	für Traktoren ohne Frontkraft-

Abschluss der Montage des Anbausatzes
Anhen Sie auf die Sauberkeit der Gewinder Die angegebenen Anzugsmomente gelten fü
saubere, trockene und fettfreie Schrauben und Gewindel
Alle Befestigungsschrauben mit einem Drehmomentschüßssel anziehen!

	Festigkeitsklasse				
	8.8		10.9		
	Nm	lb-ft	Nm	lb-ft	
M8	23	17	33	24	
M8x1	25	18	35	26	
M10	46	34	65	48	
M10x1,25	49	36	69	51	
M12	80	59	110	81	
M12x1,5	84	62	118	87	
M12x1,25	88	65	123	91	
M14	130	96	180	133	
M14x1,5	138	102	190	140	
M16	190	140	270	199	
M16x1,5	210	155	290	214	
M18	270	199	380	280	
M18x2	280	206	400	295	
M18x1,5	300	221	420	310	
M20	380	280	530	391	
M20x2	400	295	560	413	
M20x1,5	420	310	590	435	
M22	510	376	720	531	
M22x2	540	398	750	553	
M22x1,5	560	413	790	582	
M24	630	464	890	656	
M24x2	680	501	950	700	
M27	930	686	1310	966	
M27x2	995	733	1400	1032	
M30	1260	929	1770	1305	
M30x2	1370	1010	1930	1423	
5/8" UNC (normal)	175	129	245	180	
5/8" UNF (fein)	200	147	280	206	
3/4" UNC (normal)	380	280	530	391	
3/4" UNF (fein)	420	310	590	435	

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