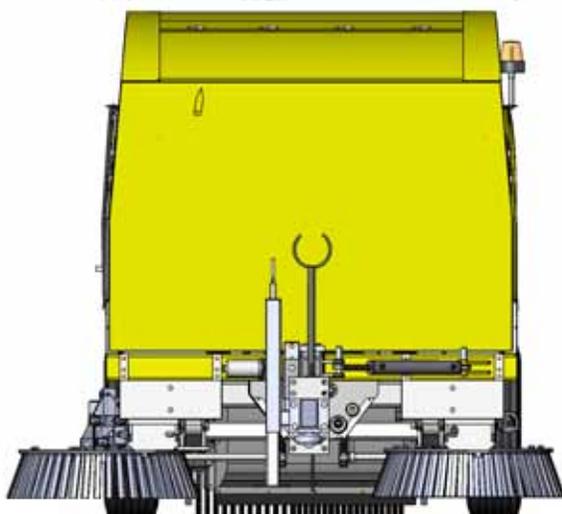


BRODD GOTHIA[®]

Parts list manual



BRODD group

Parts list manual

When ordering spare parts the **GOTHIA** serial number must be quoted.
The serial number will be found stamped on a plate, similar to that shown below. The plate is attached to the frame on the right side.

A MEMBER OF THE BRODD GROUP		
Manufacturer:	BRODD Polonia Sp.z o.o.	CE
	ul. Modrzewiowa 9, 41-219 Sosnowiec, Poland	
Type:	GOTHIA	
Identity no:	SU9GTHPLSEFDD1xxx	
Manufacture year:	2015	
Service weight:	3180	kg
Total weight:	8000	kg
Vehicle length:	4615	mm
Vehicle width:	2270	mm

For Brodd Sweden AB:s Warranty Conditions, see page 51A - 51B.

Copyright © January 2015, Brodd Sweden AB

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form, whether electronic or mechanical, or by photocopying, recording or other means without prior permission in writing from Brodd Sweden AB.

Edition 24 / 30.03.2015

Serial № SU9GTHPLSEFDD1199 →



BRODD SWEDEN AB

Sjögatan 27

591 30 MOTALA

Telephone +46 141 20 89 00

Telefax +46 141 21 80 18

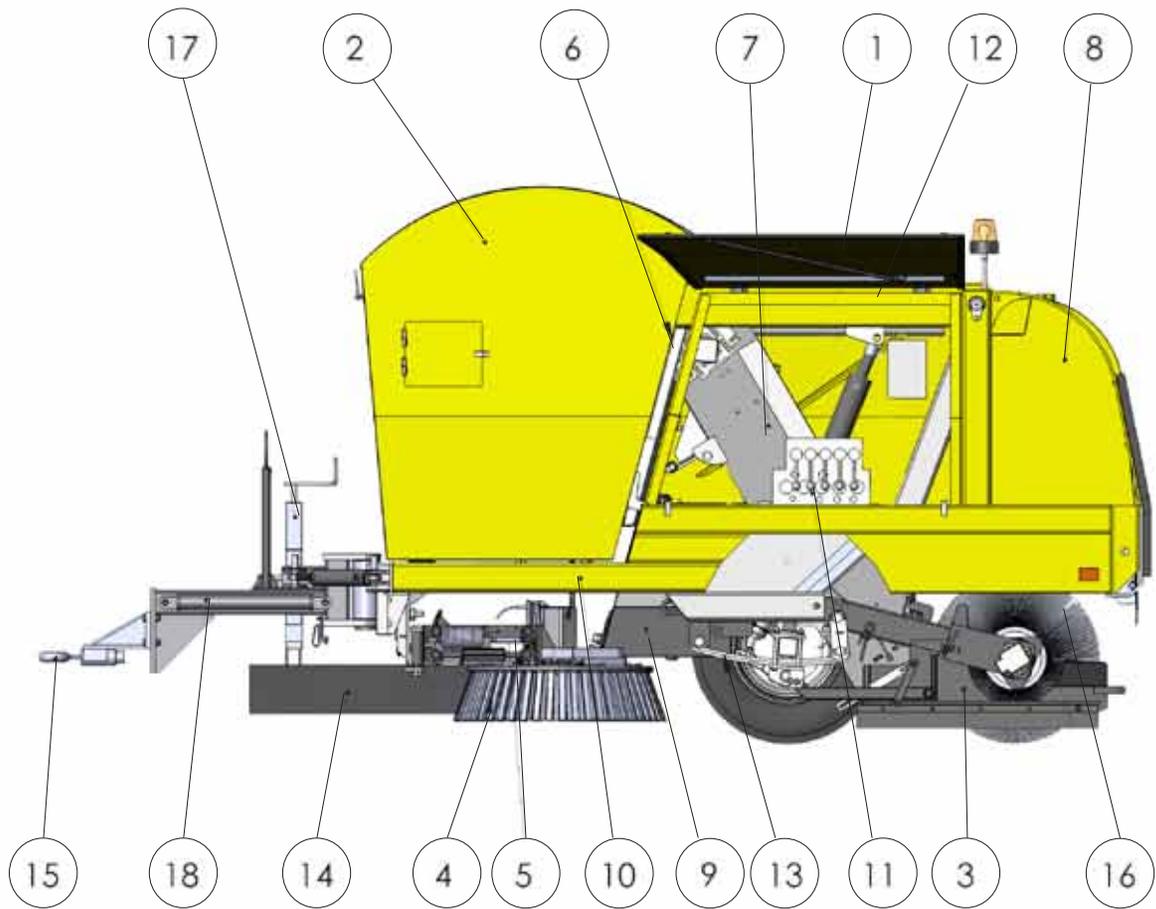
www.broddsweden.com

Table of contents

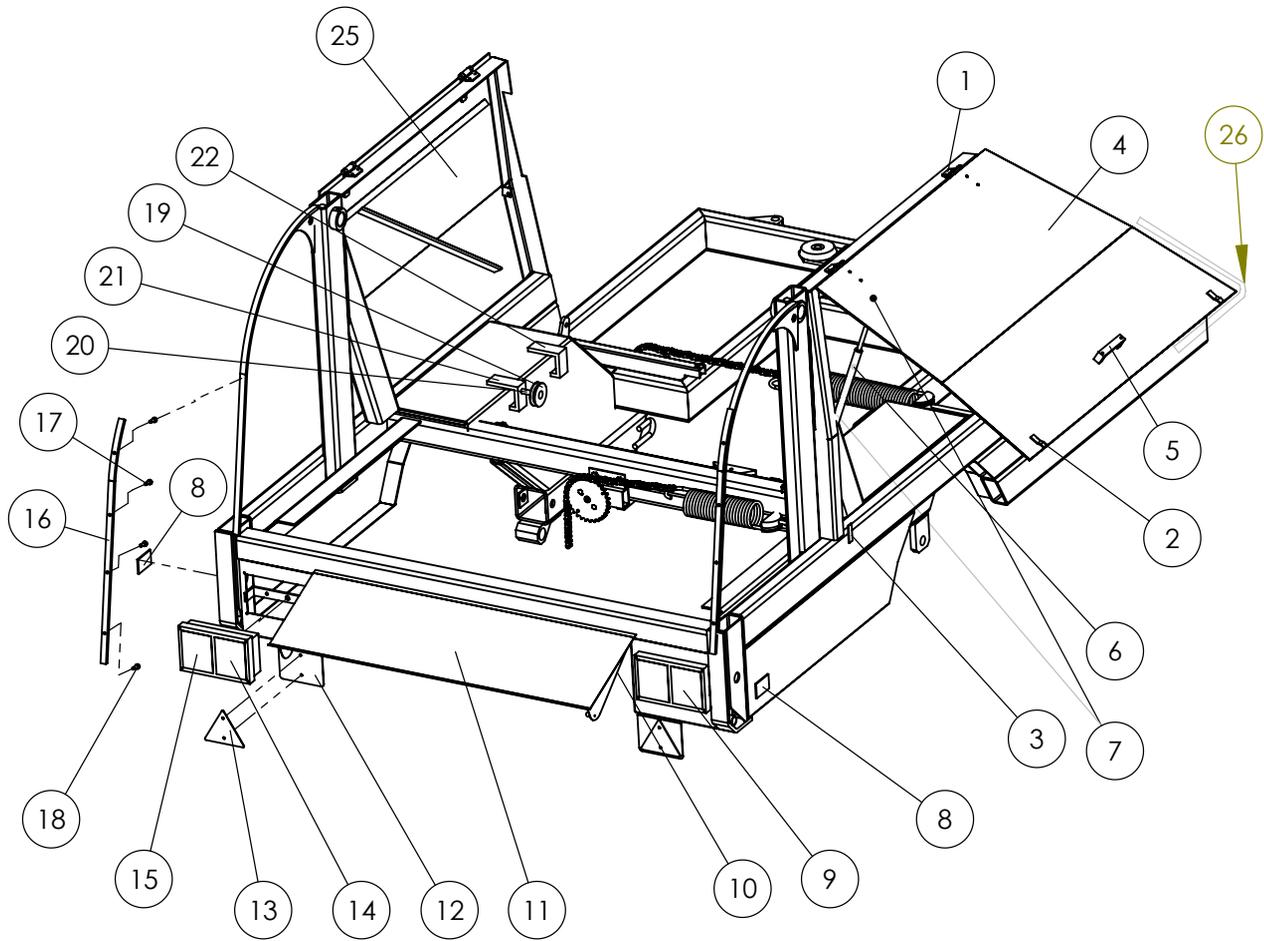
Body assembly	1
Chassis	2
Litter hopper	3
Hydraulic oil tank	4
Water tank	5
Draw bar	6
Wheel axle with drum brake and air brake system	7
Wheel nave for drum brake	8
Hydraulic brake system for drum brake	9
Elevator	10
Elevator assembly	11
Separate raise/lowering of elevator	12
Side brush mount left, string collector, turn shaft	13
Side brush mount right with adjustment of tilting angle	14
Bracket for side brush mounting	15
Side brush	16
Roller brush, collector shoe	17
Brush suspension system	18
Water sprinkler system 12 V	19
Water pump 26 l/min, hydraulic driven	20
Hydraulic cylinder	21
Hydraulic pump	22

Table of contents

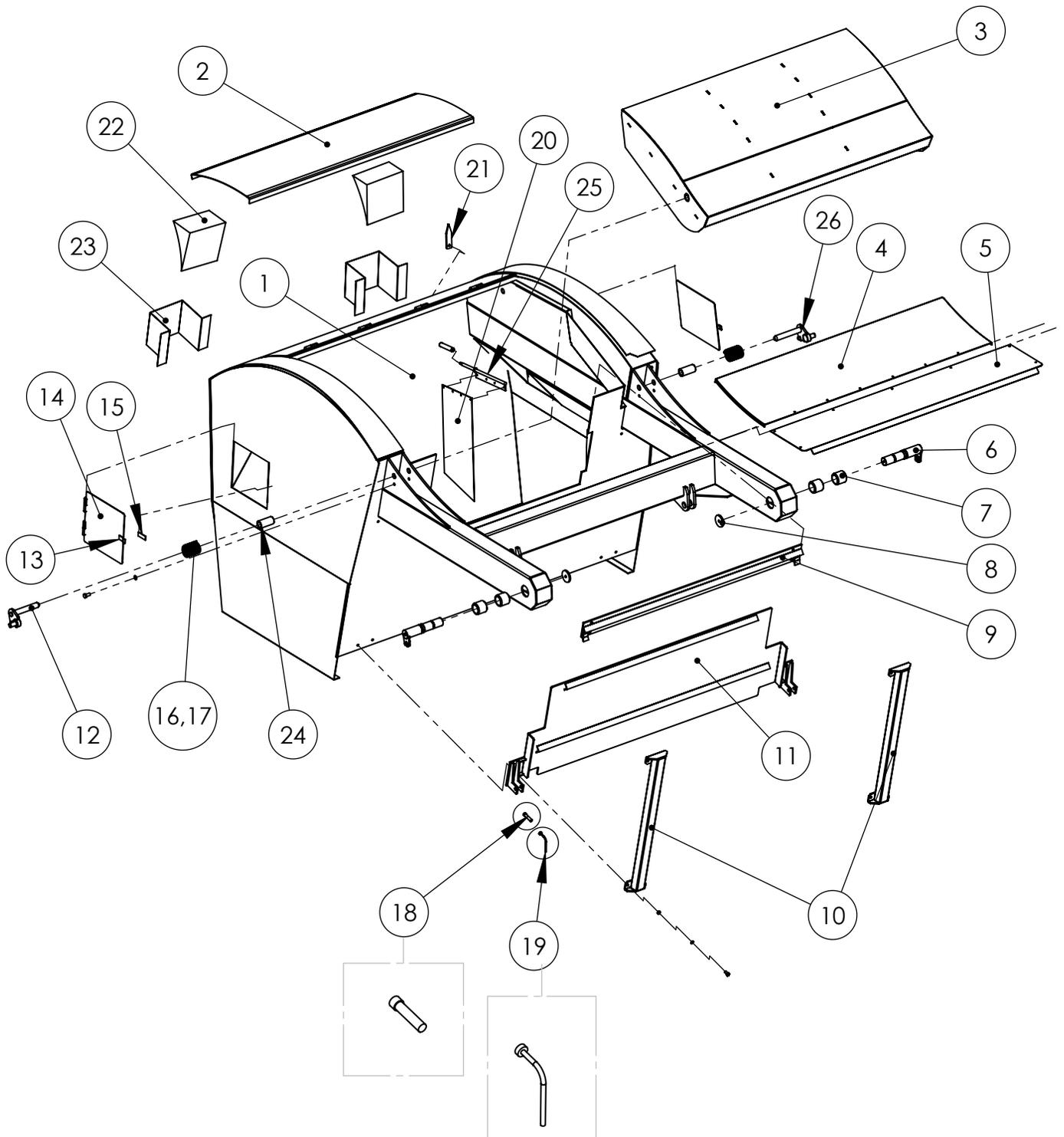
Hydraulic components 12 V	23
Hydraulic scheme 12 V with pto, drive (tractor)	24
Hydraulic plan 12 V with direct drive (from towing unit)	25
Remote control unit 12 V.....	26
Electrical scheme 12 V	27 - 33
Electrical system, rear lights 12 V	34
Options:	
High pressure washing pump	35 - 36
Breaking-up scraper, right	37
Suction unit	38
Suction ventilator with filter system	39
Hydraulic motor, suction unit	40
Suction nozzle, side brushes	41
Suction nozzle roller brush	42
Hydraulic plan 12 V with pto drive (tractor) and suction unit	43
Hydraulic pump with suction unit	44
Hydraulic plan 12 V with direct drive (from towing unit) and suction unit ...	45
Tramway equipment with hydraulic brake	46
Wheels/ wheel axle with disc brake and hydraulic brake system	47
"Side shift" sweeping width adjustment	48
Side displacement, draw bar	49
Warning board	50
Brodd Sweden AB:s Warranty Conditions	51



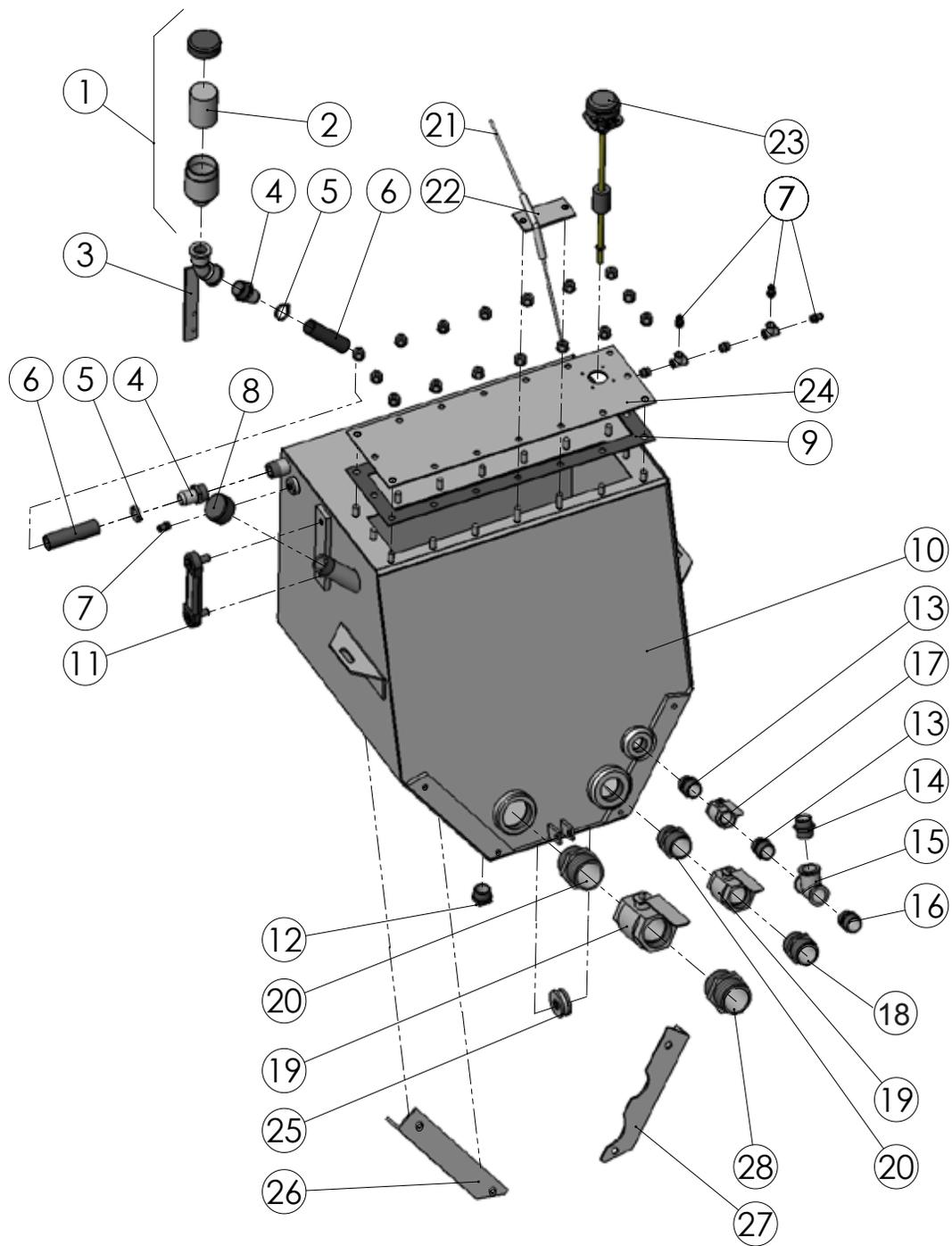
Position	Description
1	Side cover
2	Litter hopper
3	Collector shoe
4	Side brush
5	Side brush mounting
6	Lift cylinder, elevator lid
7	Elevator
8	Water tank
9	Hydraulic oil tank
10	Chassis
11	Hydraulic valve attachment
12	Lift arm, litter hopper
13	Leaf spring
14	String collector
15	Towing eyelet
16	Roller brush
17	Parking support leg
18	Towing bar



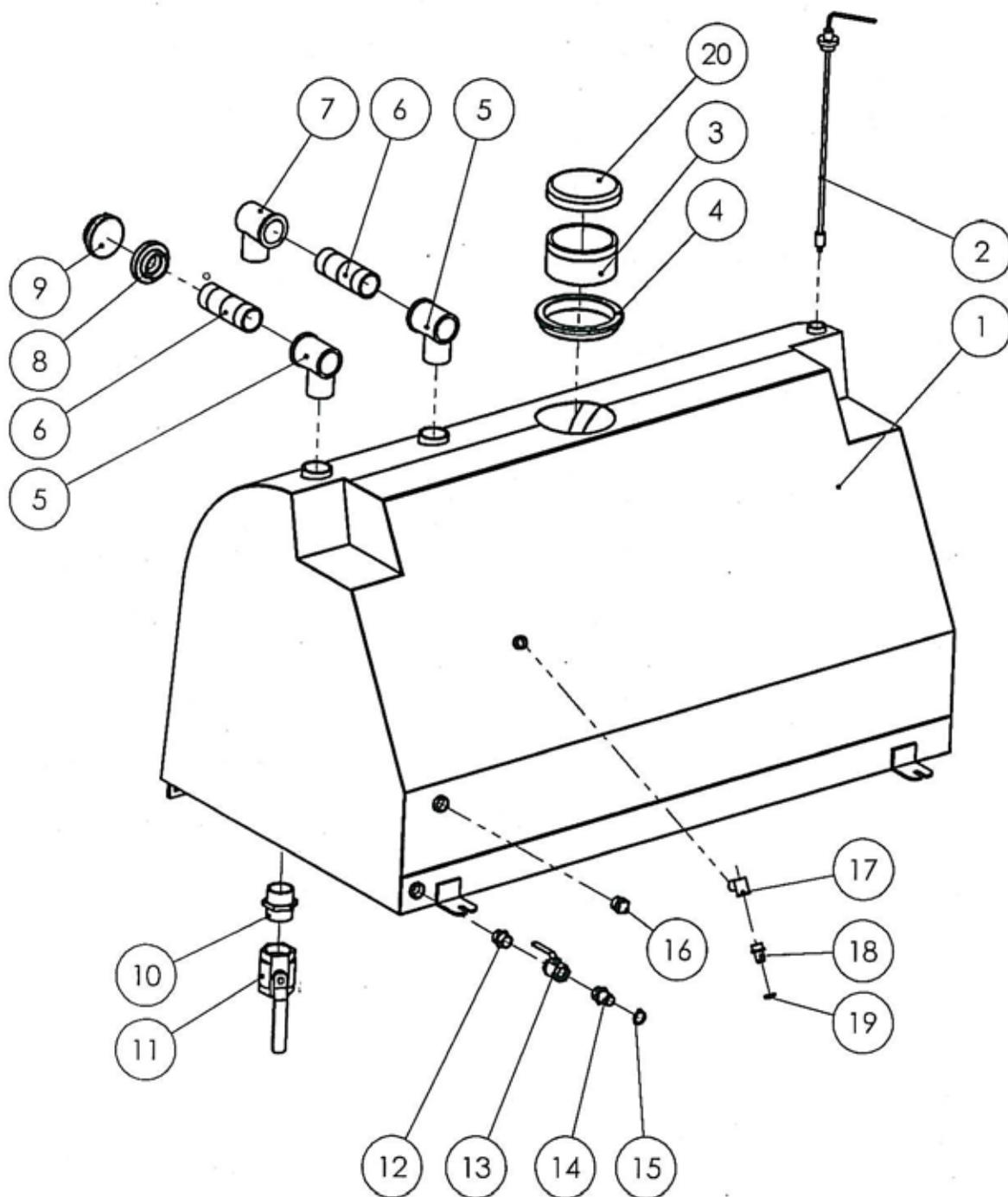
Position	Art No.	Stk	Description
1	290186	4	Hinge, side door
2	290538	4	Excentric lock
3	290539	4	Companion part
4	290220	1	Side cover, right
5	290576	2	Handle
6	290191	4	Gas spring, side cover
7	290192	12	Ball coupling, gas spring
8	290921	2	Side blinker 12 V
9	290171	2	Rear light complete
9	290171-04	2	Blinker LED serial no. 1183-1187
9	290171-05	2	Rear and brake light LED serial no. 1183-1187
9	294249	1	Rear light right, complete from serial no. 1188 -
9	294250	1	Rear light left, complete from serial no. 1188 -
10	290610	2	Gas spring, cover roller brush
11	290219	1	Cover, roller brush
12	290405	2	Mounting plate
13	204472	2	Reflective light, red
14	290172	2	Rear light glass
15	290174	2	Blinker glass
16	290546	2	Rear rubber bumper
17	290712	8	Socket head cap bolt
18	203089	8	Body washer
19	290580	2	Blade wheel, lift wire roller brush
20	290428	2	Stud
21	290425	2	Wire guide with lip
22	290426	2	Wire guide, flat
23	204421	1	Rotating beacon 12 V
24	204421-10	1	Glass, rotating beacon
25	292080	1	Side cover, left
26	290573	13,5 m	Edge strip



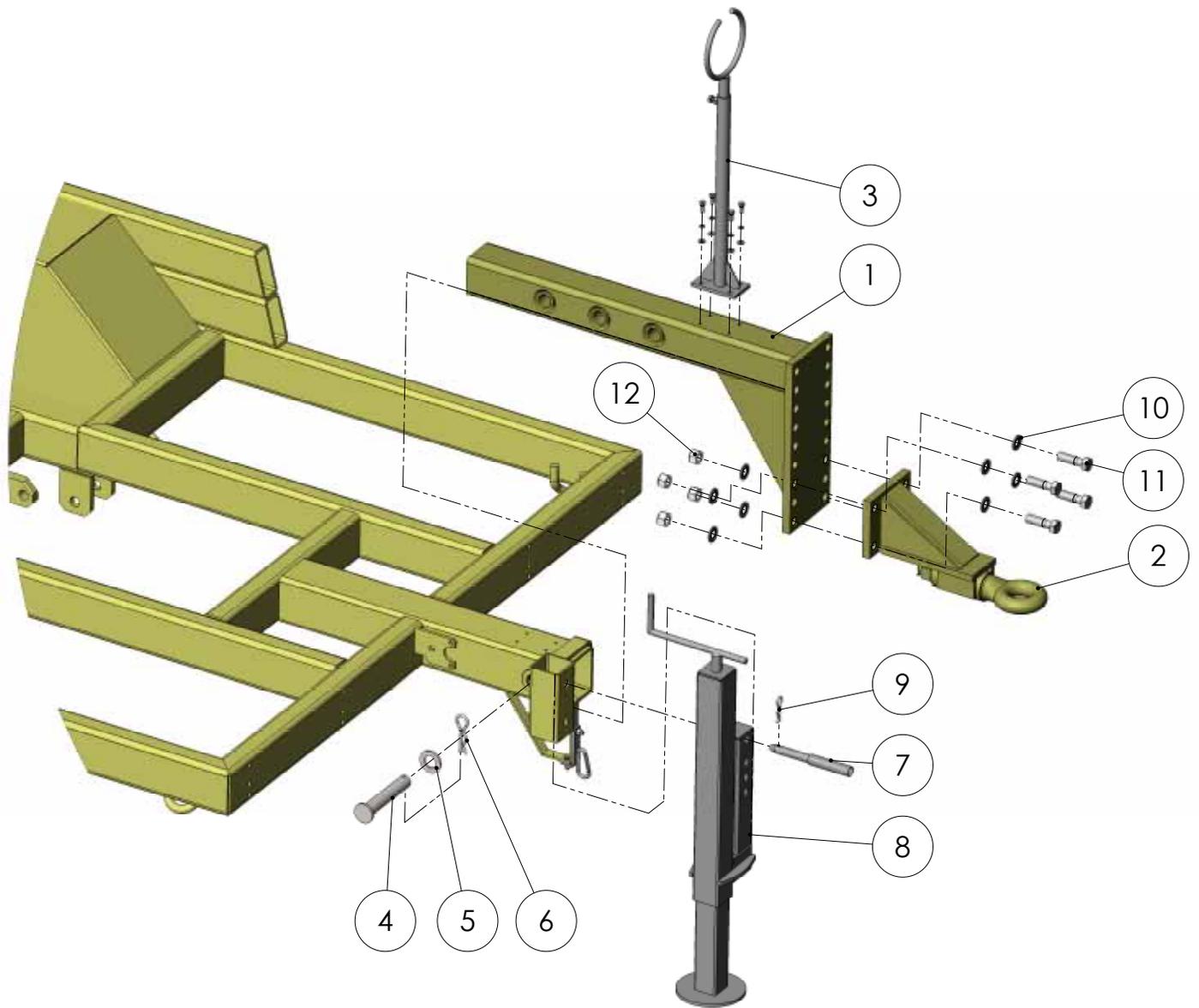
Position	Art No.	Stk	Description
1	293010	1	Litter hopper
2	293011	1	Bucket lid, front
3	293012	1	Bucket lid, rear
4	293013	1	Cover front
5	293014	1	Cover rear
6	293015	2	Shaft pivot
7	290188	4	Bushing
8	293016	2	Plain washer
9	293017	1	Dirt locker
10	293018	2	Guide tube
11	293019	1	Elevator lid
12	293020	1	Lid pin, right
13	290538	2	Excentric lock
14	290225	2	Cover, manual input
15	290539	2	Companion part
16	293021	1	Spring, left
17	293022	1	Spring, right
18	290158-10	1	Inductive transmitter
19	290158-15	1	Cable, inductive transmitter
20	290409	1	Plate, litter level indicator
21	290410	1	Indicator
22	290574	2	Simple stopping device
23	290575	2	Bracket, simple stopping device
24	293026	2	Bushing
25	292261	1	Stud
26	293043	1	Lid pin, left



Position	Art No.	Stk	Description
1	290184	1	Ventilating filter assembly
2	290184-10	1	Ventilating filter cartridge
3	290621	1	Bracket
4	290076	2	Hose connector
5	203351	2	Hose clamp
6	290620	1	Hose
7	290052	4	Connector
8	290532	1	Filling cover
9	291083	1	Rubber seal
10	292762	1	Hydraulic oil tank
11	205956	1	Level indicator
12	204846	1	Drain plug
13	290045	2	Nipple
14	300125	1	Hydraulic coupling
15	300123	1	T-nipple
16	204773	1	Hydraulic coupling
17	300122	1	Ball valve
18	300120	1	Adapter
19	300119	2	Ball valve
20	300118	2	Nipple
21	290328	1	Wire
22	290420	1	Wire guide, string collector
23	291197	1	Level/temperature relay
24	292199	1	Cover
25	291006	1	Blade wheel
26	290791	1	Wear plate right
27	290792	1	Wear plate left
28	290653	1	Adapter

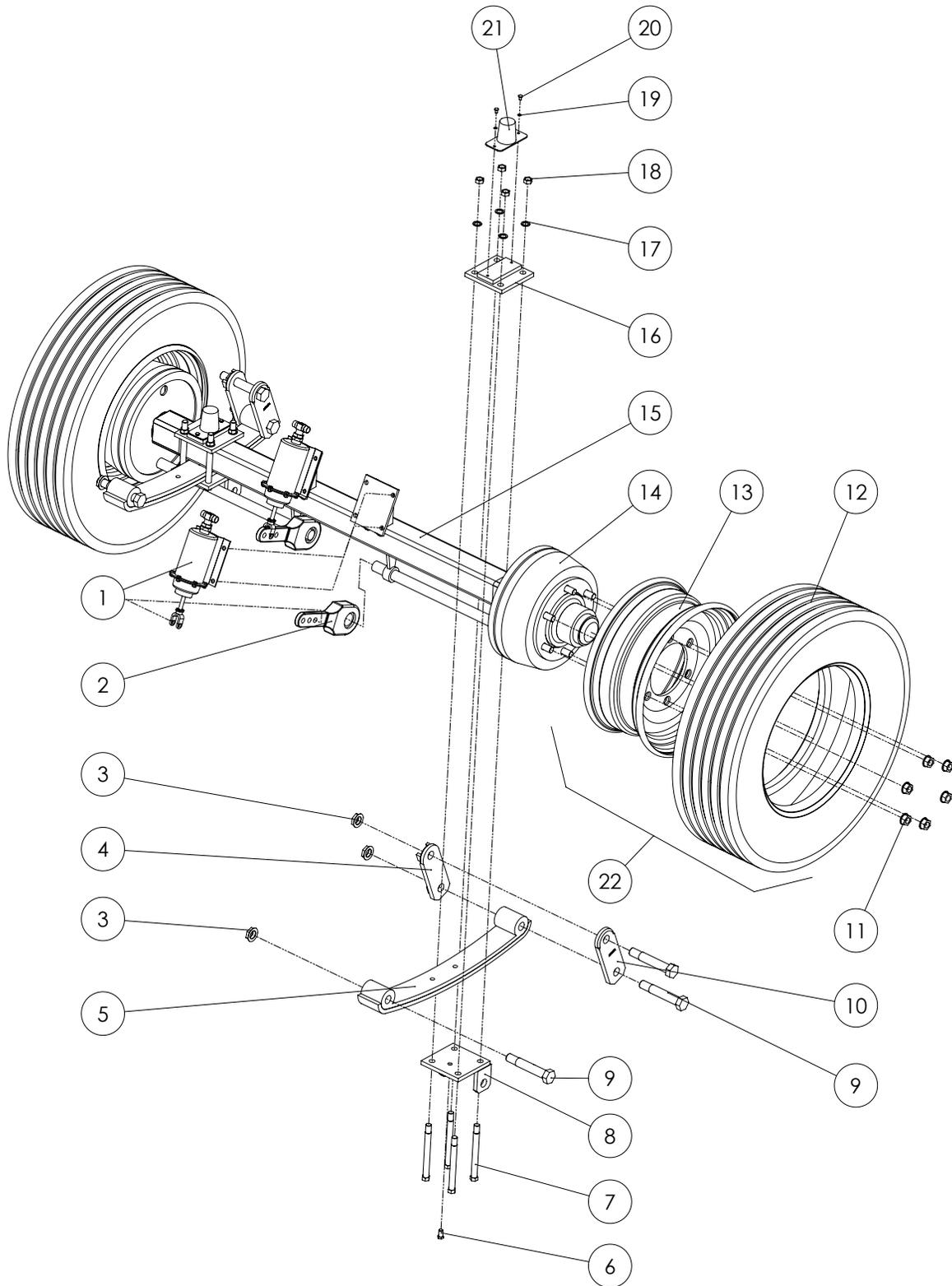


Position	Art No.	Stk	Description
1	293025	1	Water tank, 1100 l
2	292777	1	Level indicator
3	290753	1	Tank cap with collar
4	290759	1	Rubber connection unit
5	204824	2	Elbow
6	290535	2	Pipe 2"
7	292802	1	Elbow 2"
8	205767	1	Hydrant connection
9	204822	1	Cover, hydrant connection
10	290527	1	Nipple
11	290526	1	Ball valve
12	290534	1	Nipple
13	205568	1	Ball valve
14	290076	1	Hose connector
15	203351	1	Hose clamp
16	204846	1	Drain plug
17	205563	1	Elbow
18	204858	1	Hose connector
19	203349	1	Hose clamp
20	290609	1	Cap

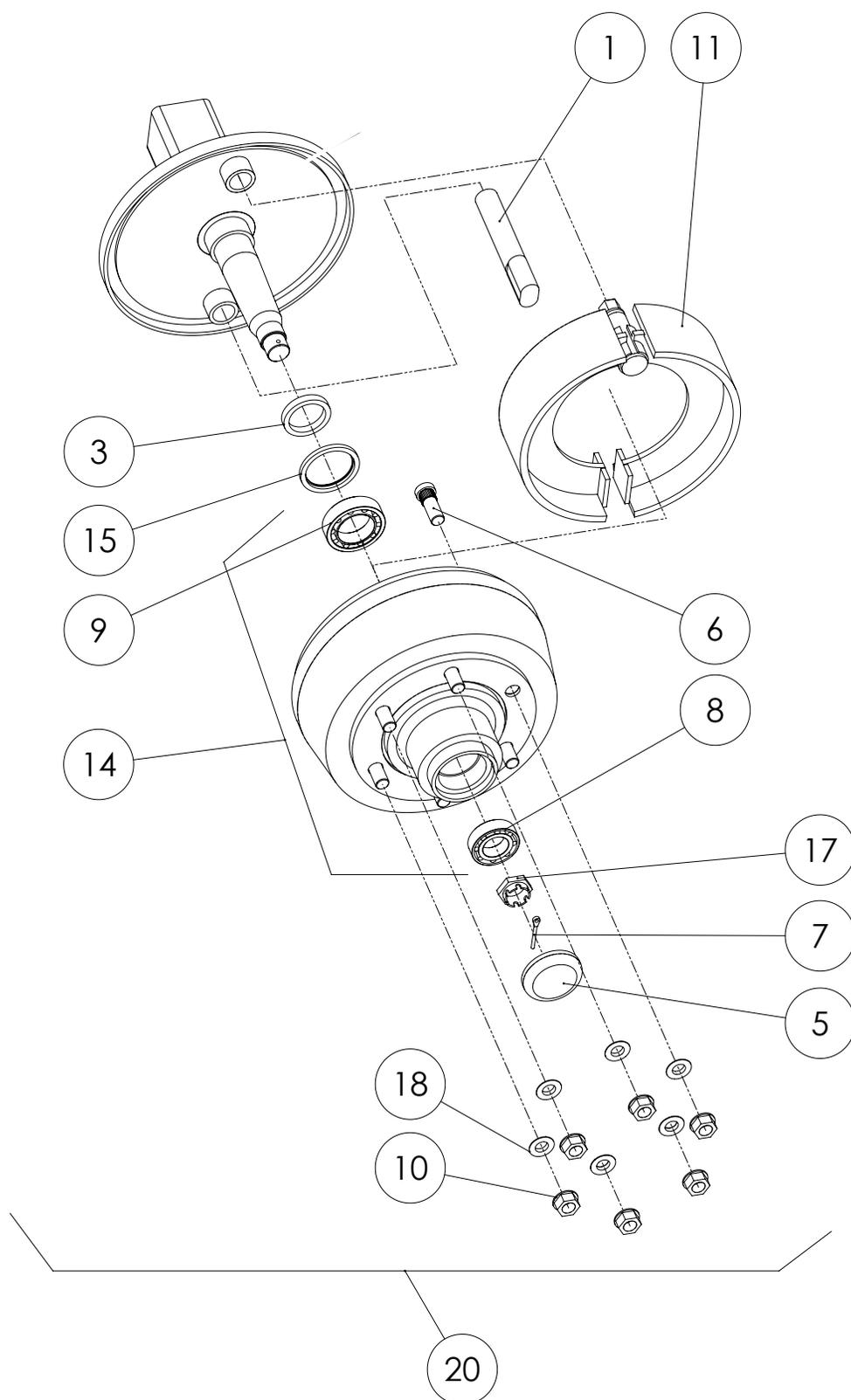


Position	Art No.	Stk	Description
1	290222	1	Draw bar, slidable
2	292185	1	Towing eyelet swingable
3	292196	1	Holding device
4	290221	1	Pin
5	290423	1	Plain washer
6	203183	1	R-pin
7	292197	1	Stud, parking support
8	294080	1	Parking support leg with bracket
9	203180	1	R-pin
10	290684	4	Plain washer
11	251933	4	Bolt
12	290683	4	Loc nut

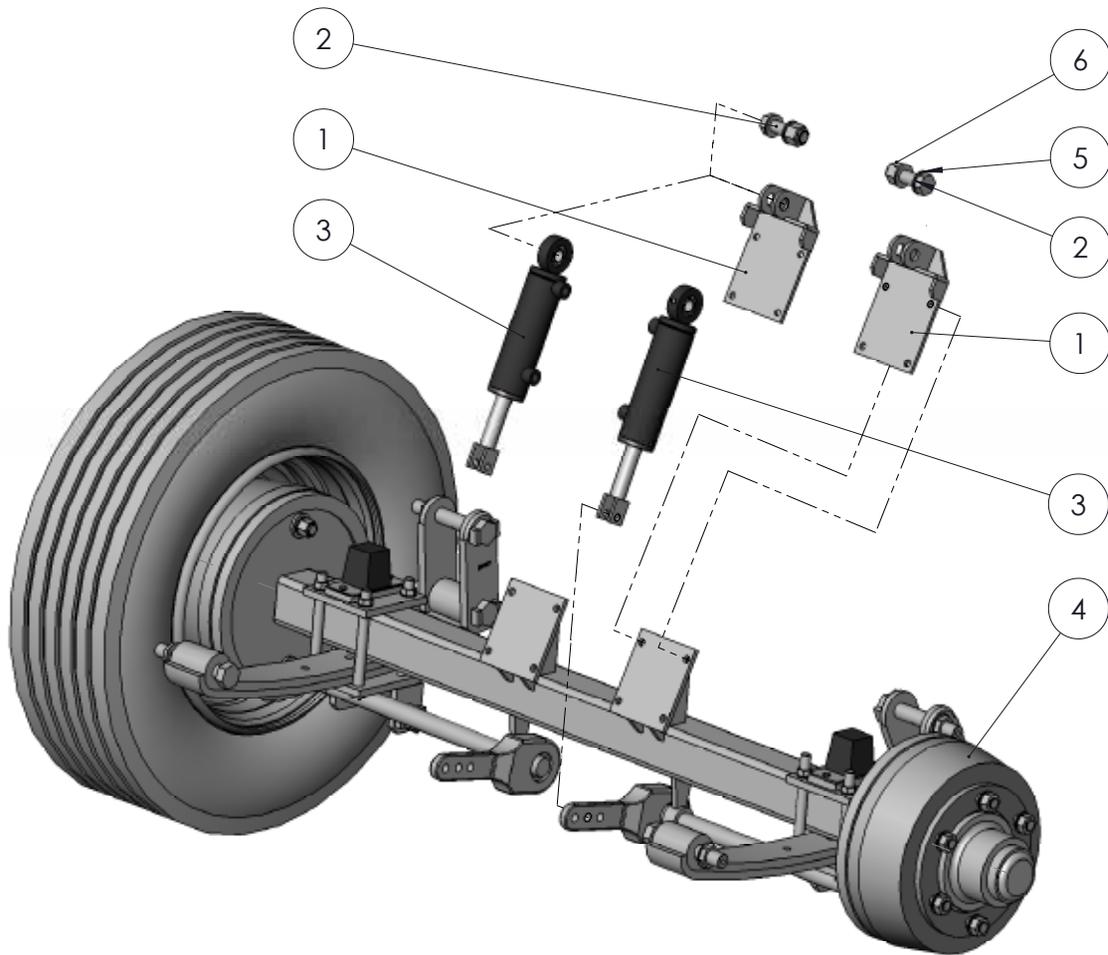
7 A Wheels, wheel axle with drum brake and air brake system



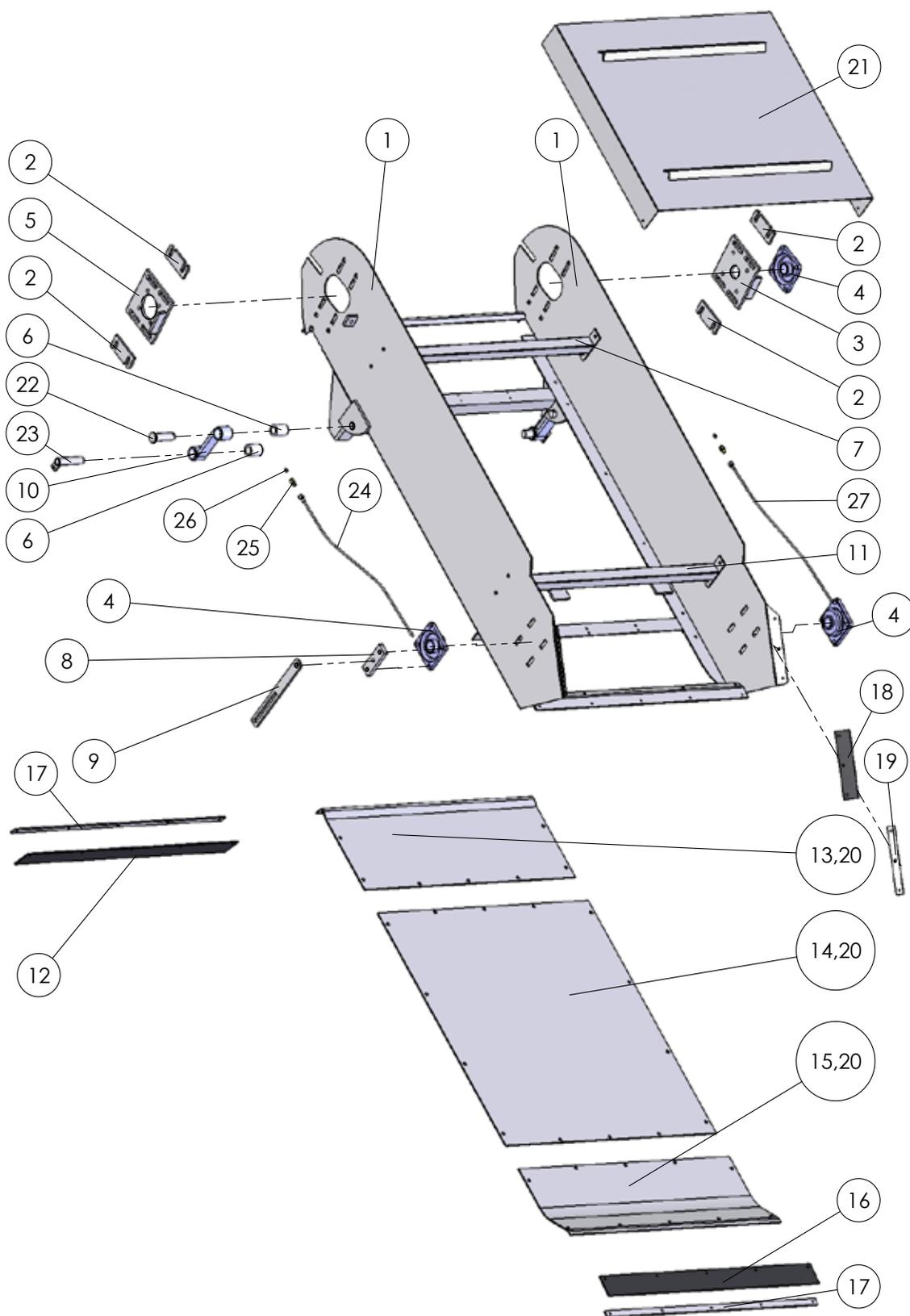
Position	Art No.	Stk	Description
1	294026	2	Brake cylinder
2	294016	2	Brake lever
3	203020	6	Nut
4	290856	2	Spring shackle
5	290255	2	Leaf spring
6	202821	2	Bolt
7	290144	8	Bolt
8	290247-01	2	Bracket
9	290317	6	Pin
10	290857	2	Spring shackle
11	294014	12	Wheel nut
12	290258	2	Tyre
13	290257	2	Rim
14	294017	2	Nave incl. brake drum and bearing
15	292660	1	Wheel axle, assembly
16	290143	2	Bracket
17	203138	8	Washer
18	203018	8	Nut
19	203141	4	Spring washer
20	202768	4	Bolt
21	290384	2	Rubber pad
22	292071	2	Wheel assembly



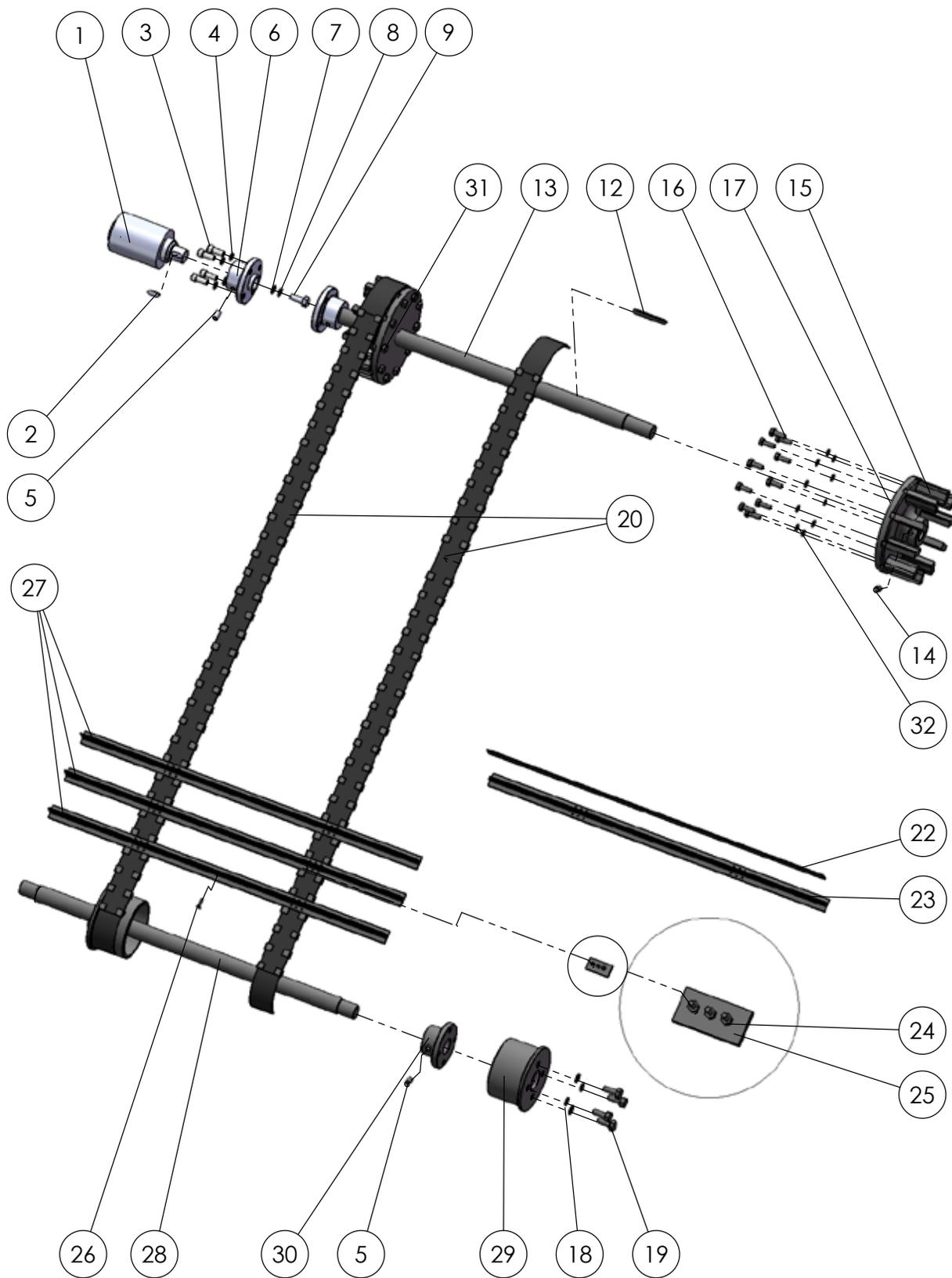
Position	Art No.	Stk	Description
1	294007	2	Shaft arm
3	294008	2	Spacer
5	294009	2	Hub cap
6	294010	12	Wheel bolt
7	294011	2	Spit pin
8	294012	2	Bearing, outer
9	294013	2	Bearing, inner
10	294014	12	Wheel nut
11	294015	2	Brake shoe set
14	294017	2	Nave incl. brake drum and bearing
15	294018	1	Radial sealing
17	294019	2	Castellated nut
18	294020	12	Washer
20	292660	1	Wheel axle with drum brake assembly



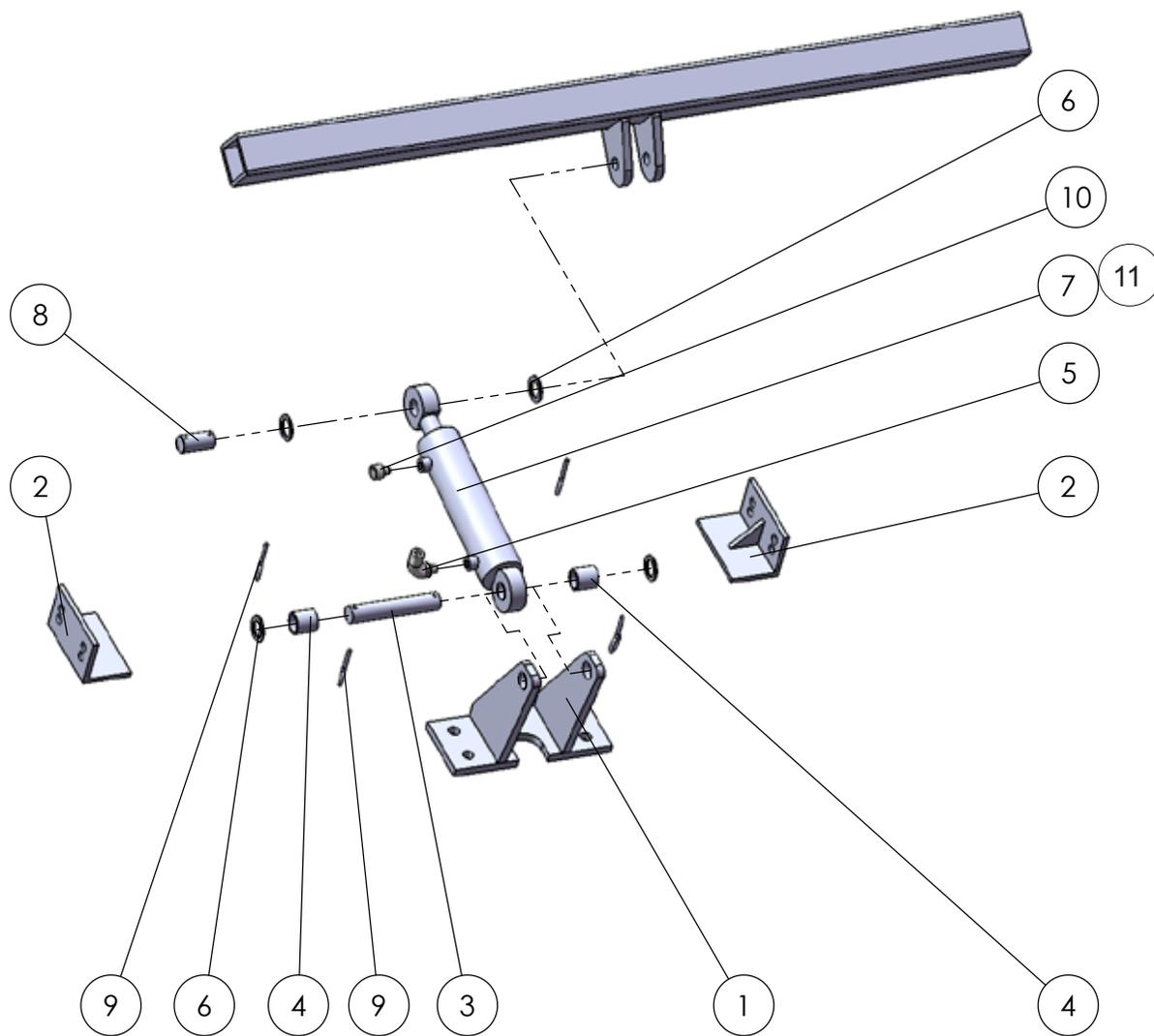
Position	Art No.	Stk	Description
1	294033	2	Bracket
2	292857	2	Bolt
3	293117	2	Brake cylinder
4	292660	1	Wheel axle
5	290684	2	Plain washer
6	290683	2	Lock nut



Position	Art No.	Stk	Description
1	206165	1	Elevator frame
2	290010	4	Support bracket
3	206188	1	Bearing holder
4	203200-10	3	Bearing
5	206189	2	Motor mount plate
6	206195	4	Bushing
7	206193	1	Distance sleeve, upper
8	290248	2	Bracket
9	293119	2	Adjusting arm
10	291151	2	Guide arm
11	290465	1	Distance sleeve, lower
12	290012	1	Elevator rubber, upper
13	206192	1	Wear plate, upper
14	206191	1	Wear plate, middle
15	206190	1	Wear plate, lower
16	290251	1	Elevator rubber, lower
17	290252	2	Clamp strip
18	290253	2	Side rubber
19	290266	2	Clamp strip
20	202982	1	Screw set
21	290820	1	Load-limiting cover
22	290601	2	Stud
23	290456	2	Stud
24	290014	1	Lubrication hose, left
25	201980	2	Nipple
26	205551	2	Grease nipple
27	290015	1	Lubrication hose, right

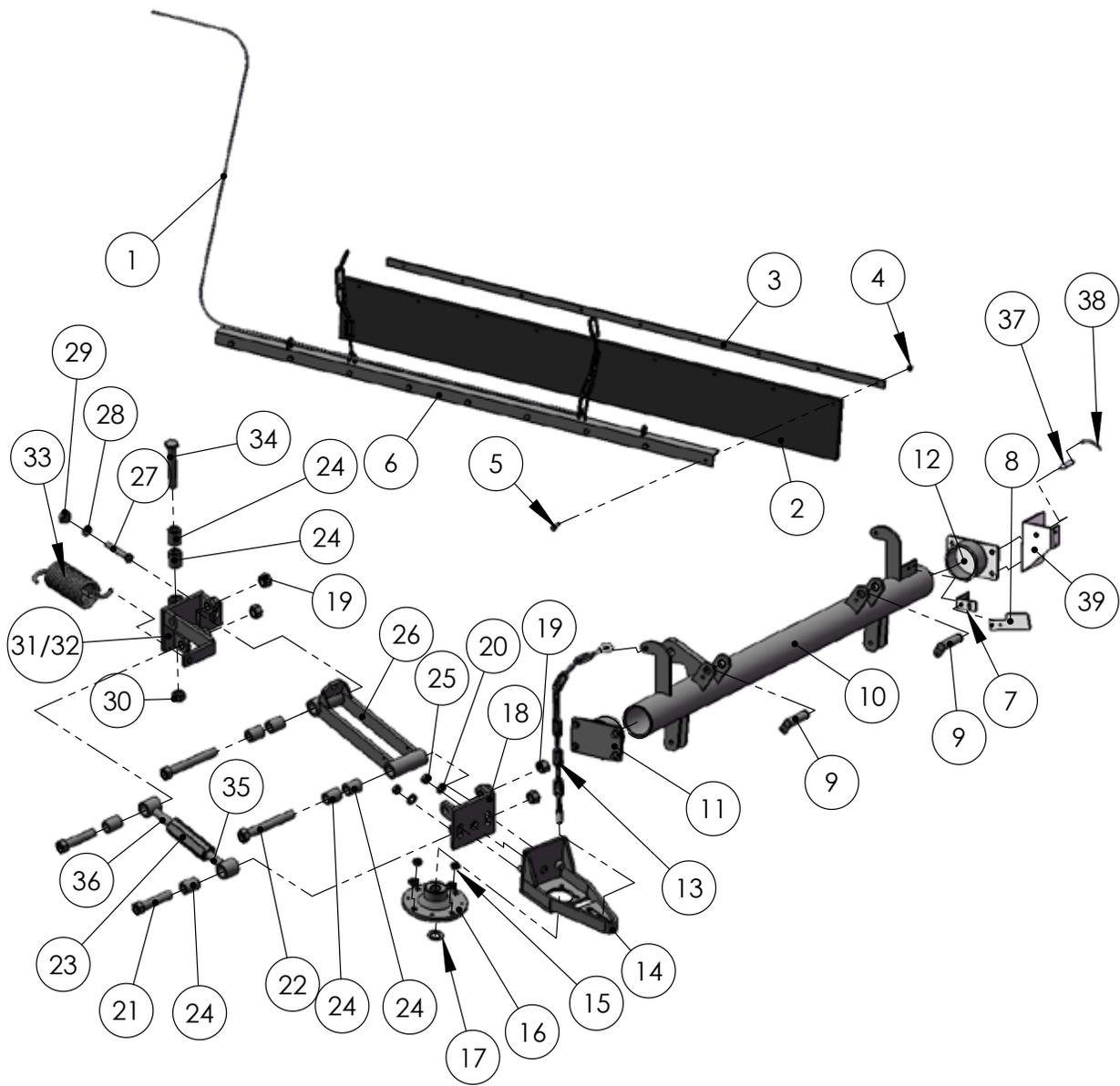


Position	Art No.	Stk	Description
1	300137	1	Hydraulic motor
2	210146	1	Wedge
3	202878	4	Socket head cap screw
4	290648	4	Spring washer
5	202924	3	Stop screw
6	206241	1	Nave, hydraulic motor
7	290293	1	UPlain washer
8	203141	1	Spring washer
9	202769	1	Bolt
12	201709	2	Flat key
13	294085	1	Elevator shaft upper, complete welded with flat key and coupling half
14	202923	2	Stop screw
15	206182	16	Driving tooth
16	202784	16	Bolt
17	290966	2	Finger wheel
18	290648	16	Spring washer
19	202802	8	Bolt
20	206021	2	Toothed rubber belt
22	206179	9	Rake rubber
23	206171	9	Rake bracket
24	205763	54	Lock-nut
25	290203	18	Attachment plate
26	206206	9	Screw
27	206101	9	Rake assembly
28	206183	1	Elevator shaft, lower
29	206186	2	Guide roller
30	205785	2	Nave
31	200642	2	Finger wheel assembly
32	203142	16	Spring washer



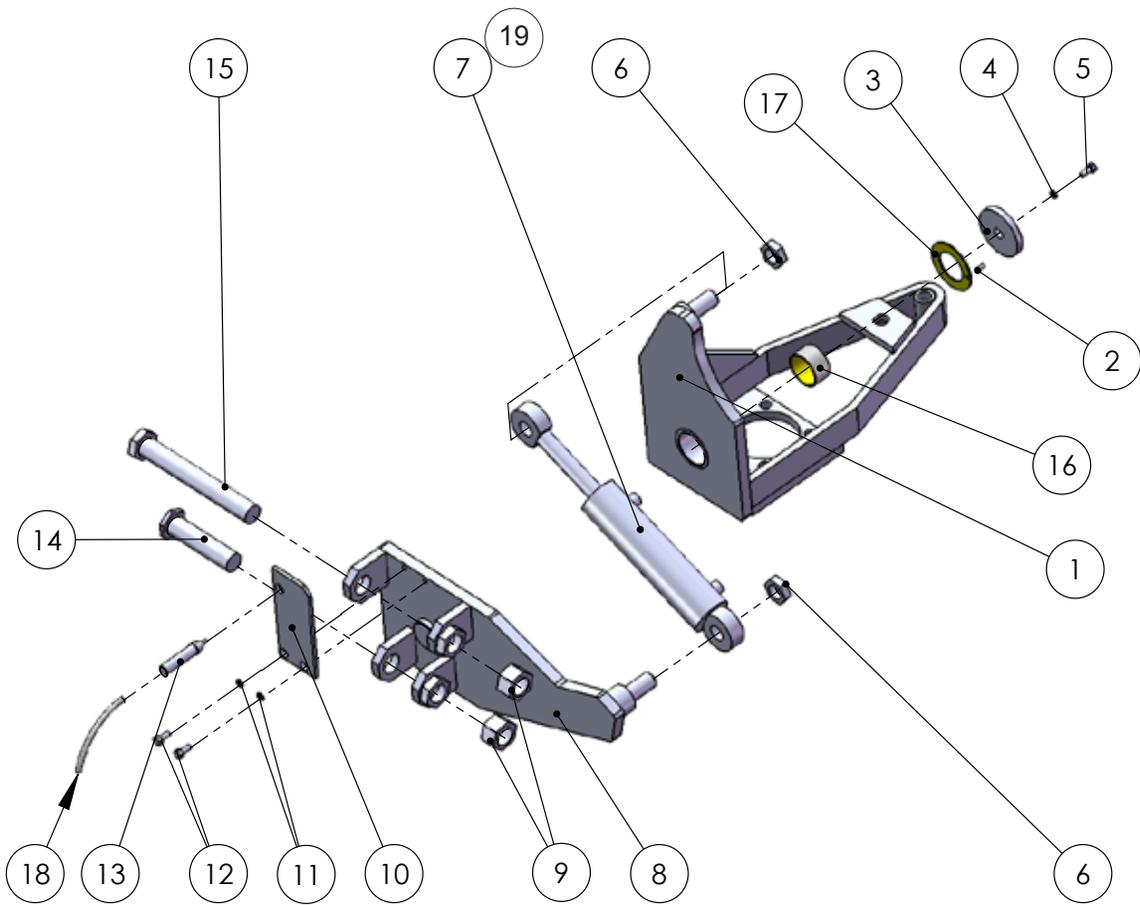
Position	Art No.	Stk	Description
1	291087	1	Cylinder attachment
2	291150	2	Limit stop
3	291146	1	Stud
4	291149	2	Spacer, pistong mount
5	290956	1	Adapter
6	290684	4	Plain washer M20
7	292326	1	Hydraulic cylinder
8	291147	1	Stud
9	203059	4	Split pin
10	291052	1	Filter plug
11	292327	1	Gasket set for 292326

13 A Side brush mount left, string collector, turn shaft

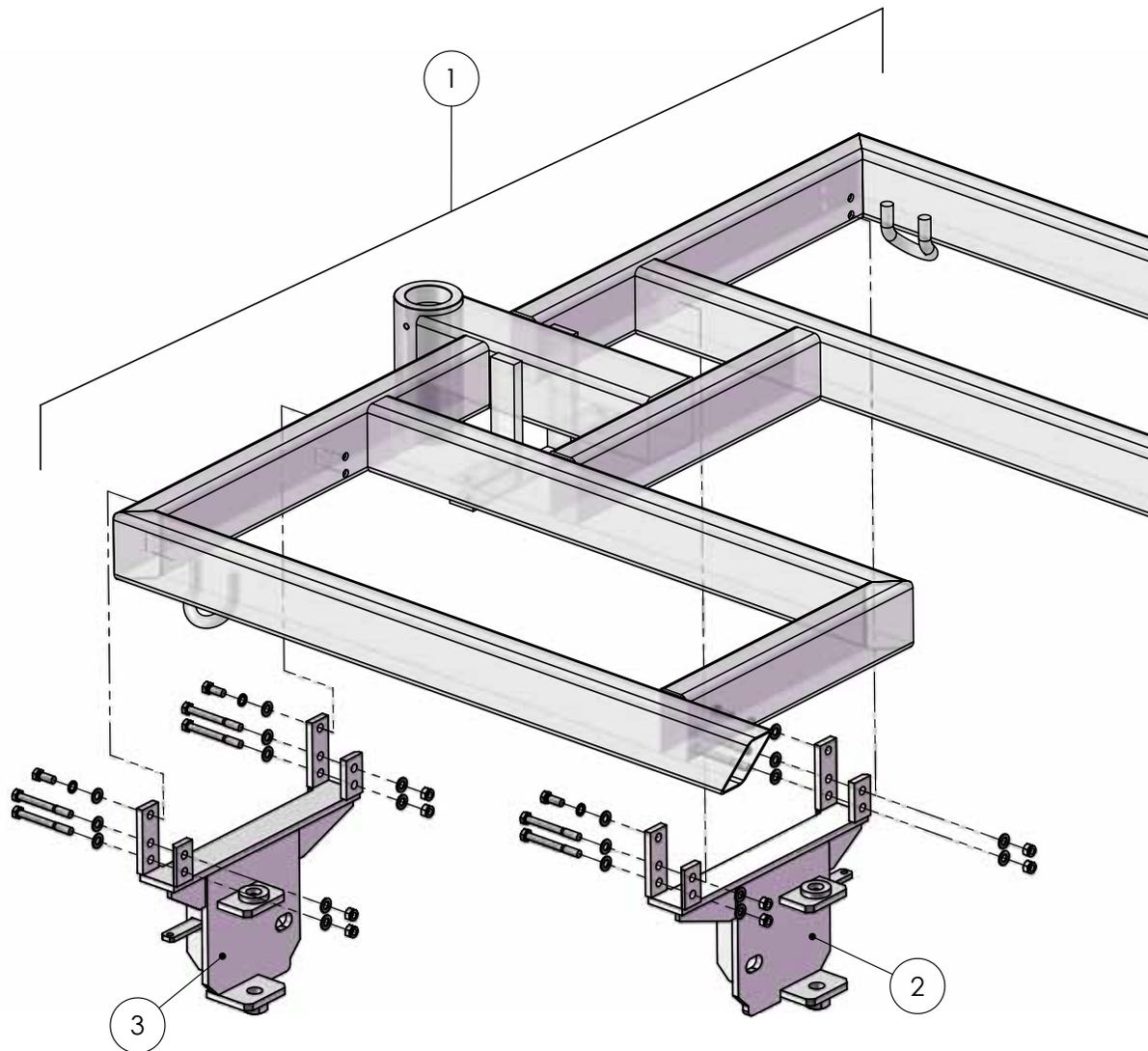


Position	Art No.	Stk	Description
1	290328	1	Lift wire
2	201051	1	Collecting rubber
3	290261	1	Clamp
4	203030	9	Nut
5	202769	9	Bolt
6	290262	1	Hange angle, string collector
7	293023	1	End switch bracket
8	293024	1	Clamp, end switch bracket
9	290456	2	Stud
10	290264	1	Turn shaft
11	290263	1	Pivot cup, left
12	292134	1	Pivot cup, right
13	290267	2	Lift chain
14	290269	1	Motor mount
15	203018	1	Lock nut
16	290270	2	Motor drive plate
17	290293	2	Plain washer
18	290272	1	Motor mount swivel, left
19	290649	8	Half nut
20	203097	4	Plain washer
21	290265	2	Bolt
22	290311	2	Bolt
23	290274	2	Turnbuckle shaft
24	290281	8	Bushing
25	203018	4	Nut
26	290277	2	Lift arm
27	290312	2	Bolt
28	203113	4	Plain washer
29	203020	2	Lock nut
30	290649	2	Half nut
31	290279	1	Pivot mount, left
32	290280	1	Pivot mount, right
33	290352	2	Spring
34	290313	2	Bolt
35	292049	2	Turnbuckle male end, left-handed
36	290275	2	Turnbuckle male end, right-handed
37	290158-10	1	IInductive transmitter
38	290158-15	1	Cable
39	290481	1	Bracket security transmitter

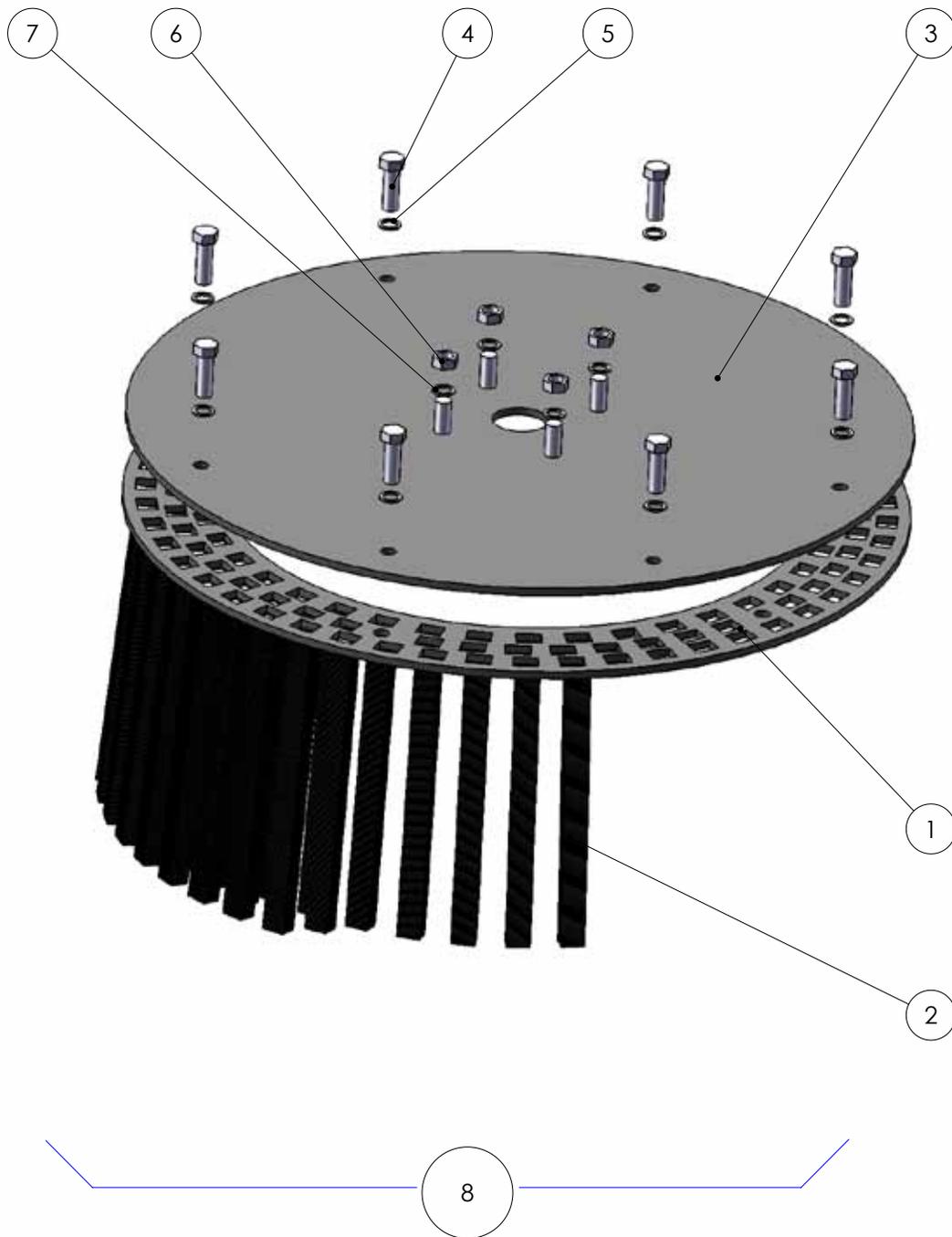
14 A Side brush mount right with adjustment of tilting angle



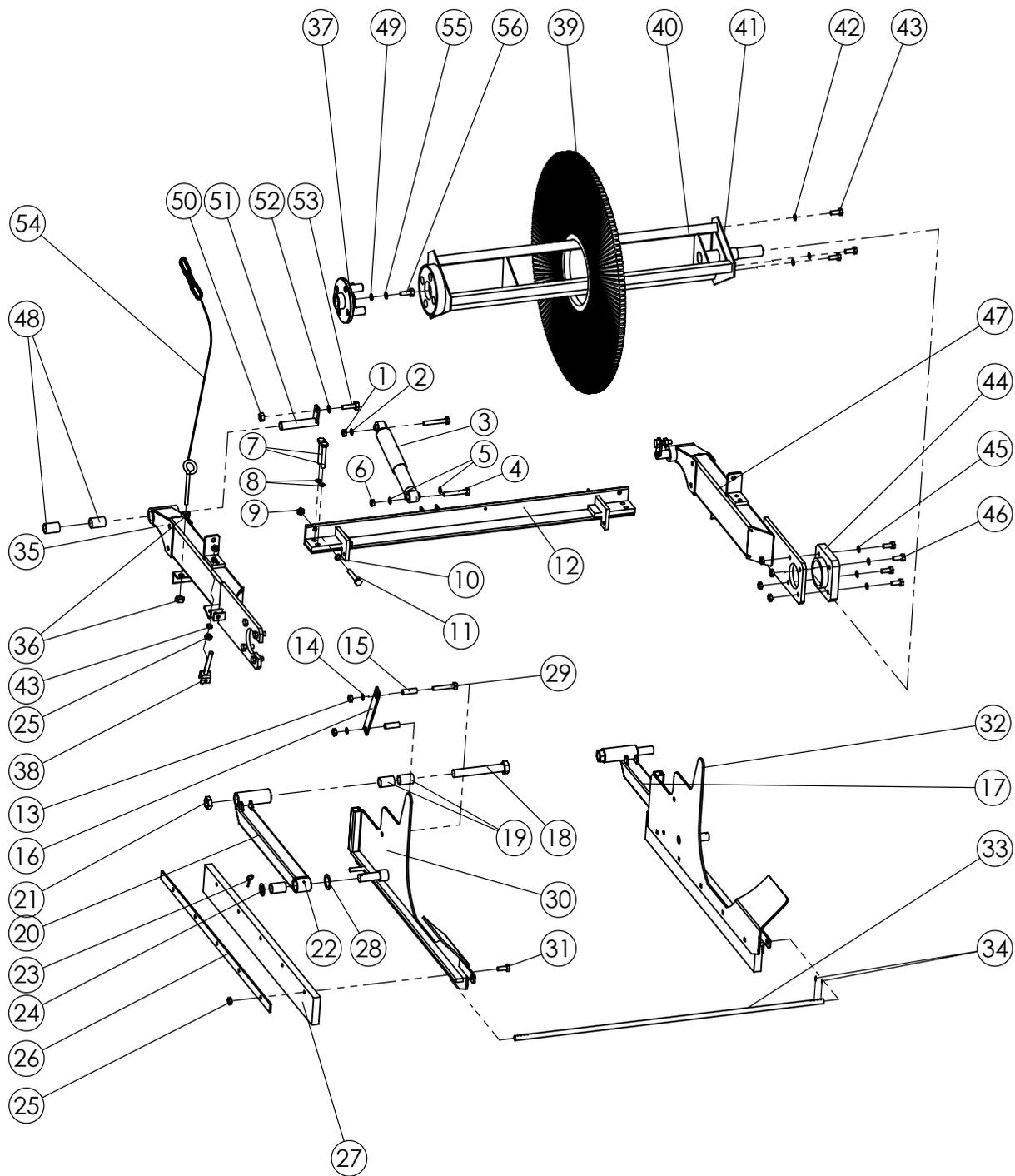
Position	Art No.	Stk	Description
1	290269-01	1	Motor mount with adjusting angle
2	292198	1	Pin
3	292195	1	Plain washer
4	290648	1	Spring washer
5	202802	1	Bolt
6	290683	2	Lock nut
7	292326	1	Hydraulic cylinder
8	290273-01	1	Motor mount swivel, right
9	290649	2	Half nut
10	291189	1	Bracket
11	203103	2	Spring washer
12	202748	2	Screw
13	290158-10	1	Inductive transmitter
14	290265	1	Bolt
15	290311	1	Bolt
16	290672	1	Gliding bushing
17	290673	1	Gliding washer
18	290158-15	1	Cable
19	292327	1	Gasket set for 292326



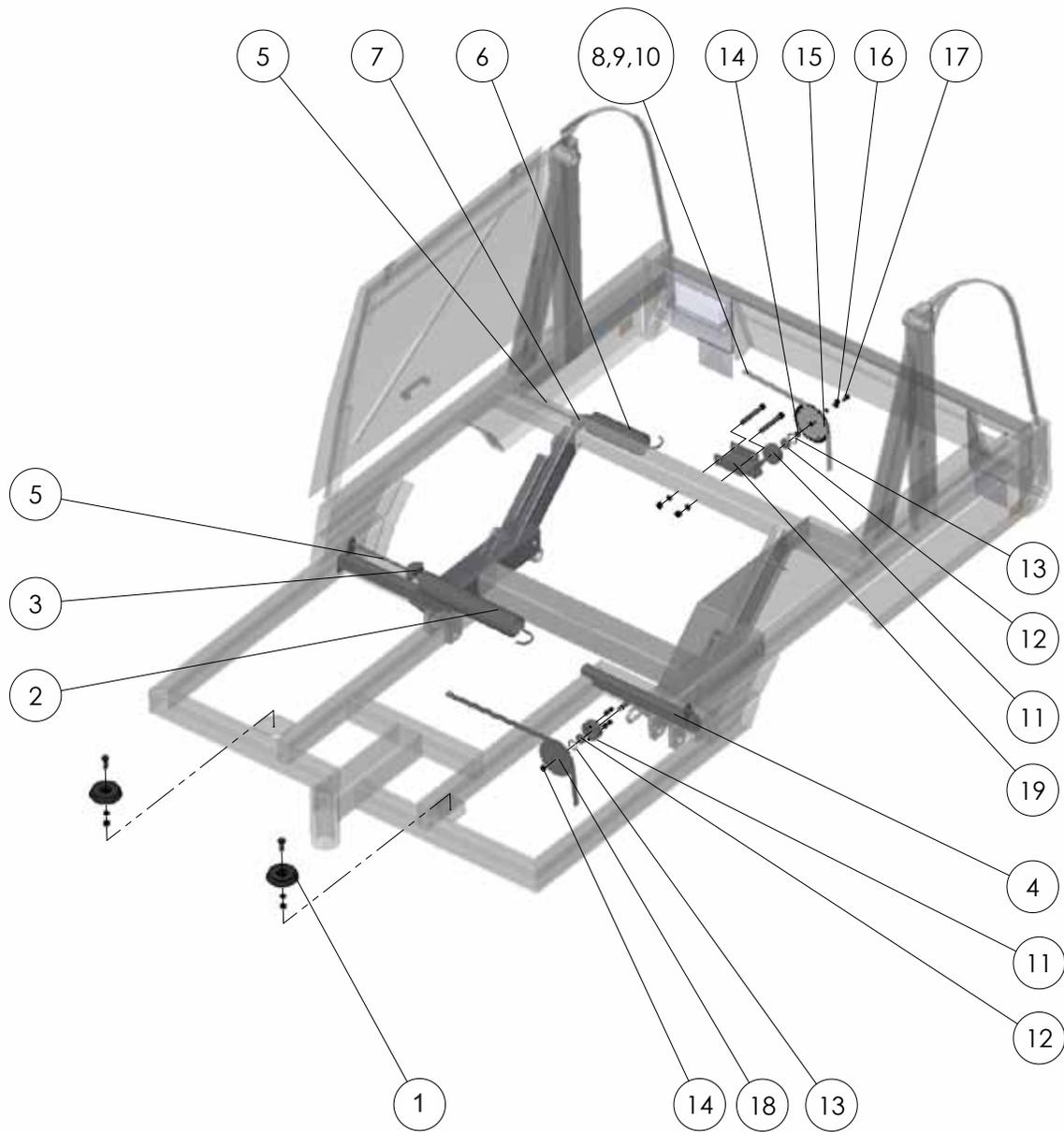
Position	Artikelnr	Antal	Benämning
1	294247	1	Bracket for side brush mounting, complete, left and right
2	294245	1	Bracket for side brush mounting, right
3	294246	1	Bracket for side brush mounting, left



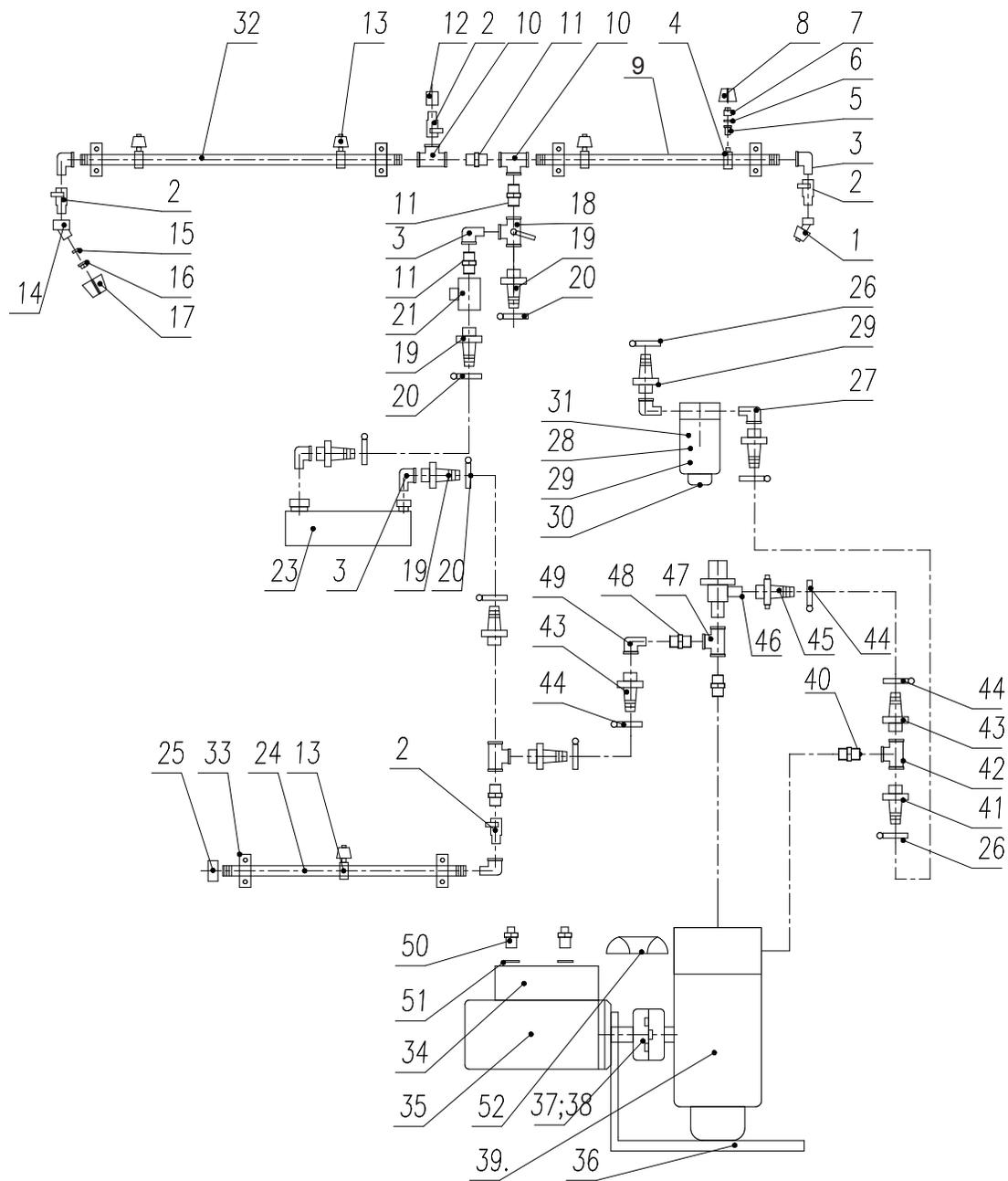
Position	Art No.	Stk	Description
1	200392	2	Aluminium segment Ø 765 mm
2	100128	2	Brush tuft, steel (170 pcs/carton)
3	290254	2	Disc, side brush Ø 770 mm
4	202805	16	Bolt
5	203095	16	Plain washer
6	203018	8	Lock nut
7	203097	8	Plain washer
8	292194	2	Side brush assembly



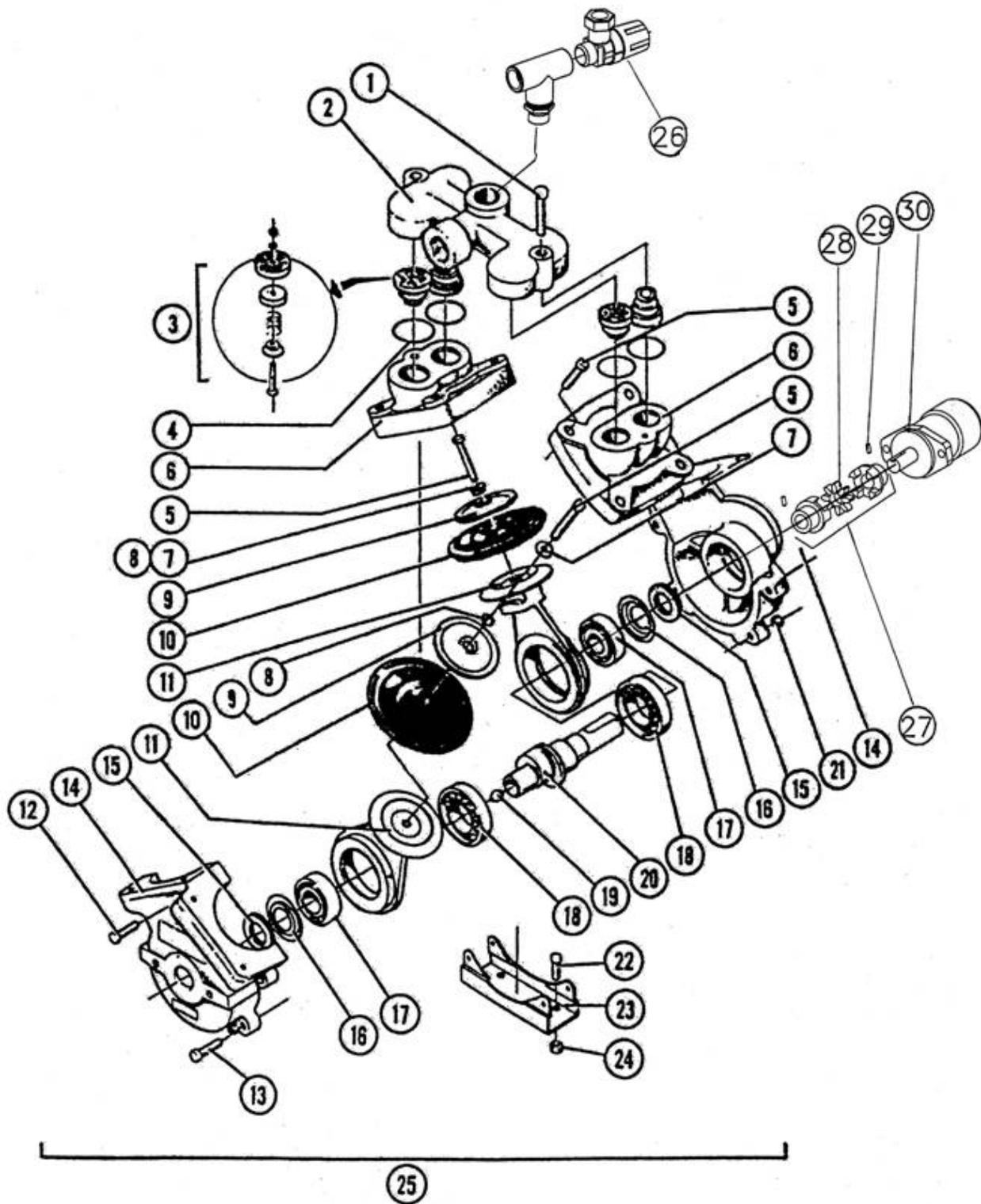
Position	Art No.	Stk	Description
1	203016	1	Nut
2	203095	2	Plain washer
3	201700	1	Shock absorber
4	202812	1	Bolt
5	203095	2	Plain washer
6	203016	1	Nut
7	202802	4	Bolt
8	290648	4	Spring washer
9	203016	2	Nut
10	290648	2	Spring washer
11	202804	2	Bolt
12	290282	1	Lift arm brace
13	203016	4	Nut
14	203095	4	Plain washer
15	290412	4	Spacer
16	290284	2	Guide iron
17	290413	1	Lift arm, right
18	290314	2	Shaft
19	290278	6	Bushing
20	290414	1	Lift arm, left
21	203020	2	Lock nut
22	205551	4	Grease nipple
23	203059	2	Split pin
24	203113	2	Plain washer
25	203031	10	Nut
26	290288	2	Clamp
27	290290	2	Collector shoe rubber
28	290316	2	Plain washer
29	202820	4	Bolt
30	290417	1	Collector shoe left, assembly
31	290643	10	Body bolt
32	290418	1	Collector shoe right, assembly
33	290294	1	Distance sleeve
34	203180	4	R-pin
35	290300	1	Roller brush arm, left
36	203033	4	Nut
37	290605	1	Motor drive plate
38	290449	2	Tension screw
39	Roller brush set, following materials		
	100232-01	1	Steel
	100232-02	1	Mixture steel/poly
	100232-20	1	Poly
40	100203	1	Brush ring axle
41	206135	1	End plate
42	203091	7	Plain washer
43	202786	3	Bolt
44	203200-10	1	Bearing
45	203095	4	Plain washer
46	202804	4	Bolt
47	290301	1	Roller brush arm, right
48	290278	4	Bushing
49	290293	1	Plain washer
50	203013	2	Nut
51	290304	2	Stud
52	203142	2	Spring washer
53	202783	2	Bolt
54	290326	2	Lift cable
55	203141	1	Spring washer
56	202769	1	Bolt



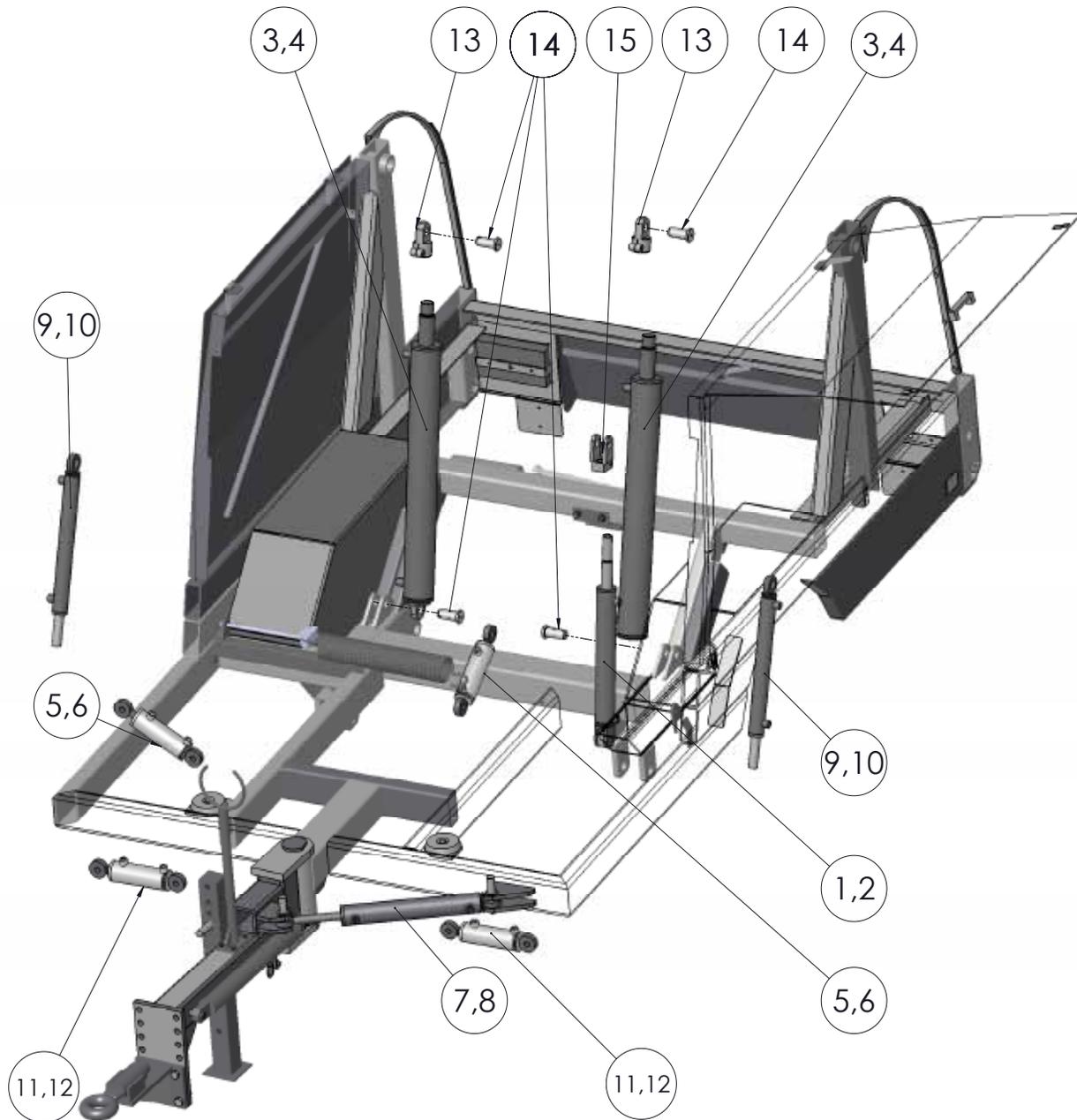
Position	Art No.	Stk	Description
1	201501	2	Rubber pad
2	206340	2	Spring
3	206337	2	Spring bracket
4	206347	2	Mounting girder
5	206349	3	Adjusting screw
6	206341	1	Spring
7	206338	1	Spring bracket
8	203187	3	Schackel
9	203173	6	Locking device, chain
10	205982	3	Chain
11	206335	3	Nave
12	210126	3	Bearing
13	290662	3	Clamp ring
14	290661	3	Clamp ring
15	206336	1	Chain wheel
16	203141	6	Spring washer
17	202770	6	Bolt
18	291013	2	Chain wheel
19	206350	1	Bracket



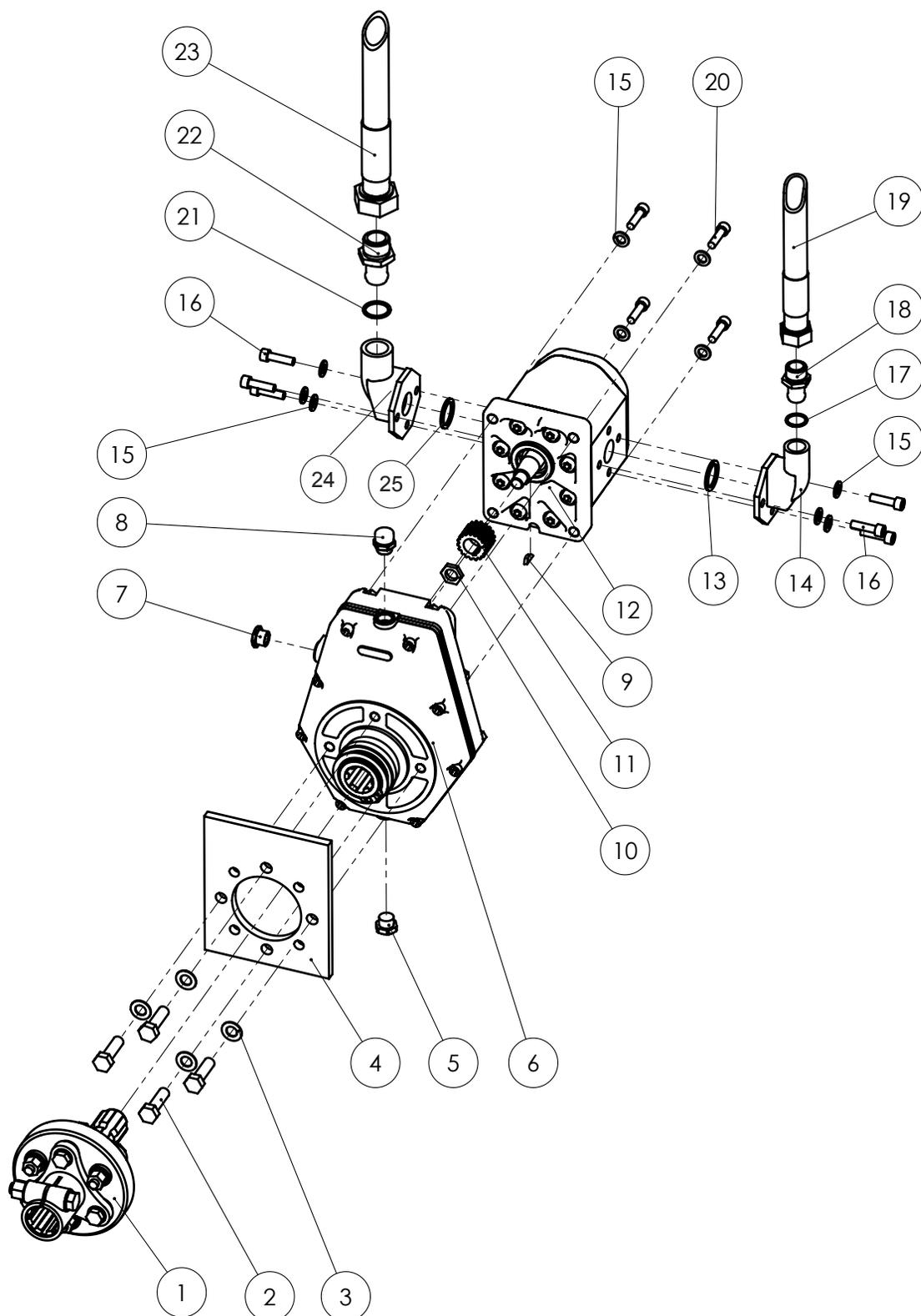
Position	Art No.	Stk	Description
1	290323	2	Spray nozzle, assembly
2	204840	4	Ball valve
3	205563	6	Elbow
4	300176	5	Spraying chamber
5	300177	5	Strainer
6	300178	5	Gasket
7	300179	5	Nozzle 3 l/min
8	206196	5	Nut
9	290622	1	Spray tube, right
10	204830	4	T-junction
11	204820	5	Nipple
12	290529	1	Quick coupling for tractor sprinkler
13	300175	5	Spray nozzle 3 l/min, assembly
14	205162	2	Housing
15	205165	2	Strainer
16	205161	2	Nozzle
17	205163	2	Nut
18	290399	1	Ball valve, 3-way
19	204858	7	Hose nipple
20	203349	10	Hose clamp
21	205255	1	Electric valve 12V DC
22	205560	2	Connector
23	292520	1	Oil cooler
24	290627	1	Spray tube, elevator
25	205561	1	Cap
26	203351	3	Hose clamp
27	205570	2	Elbow
28	290631	1	Water filter assembly
29	290633	1	Filter bowl
30	290632	1	Filter element
31	290634	1	O-ring
32	290623	1	Spray tube, left
33	292320	6	Clamp
34	250169	1	Valve 12VDC on/off, water pump
35	500027	1	Hydraulic motor, water pump
36	200301	1	Bracket, water pump
37	292537	1	Rotex coupling, assembly
38	292536	1	Toothed wheel rim, Rotex coupling
39	205143	1	Water pump 26l/min assembly
40	290534	2	Nipple
41	290076	3	Hose nipple
42	290542	1	T-junction
43	204858	3	Hose nipple
44	203349	4	Hose clamp
45	290531	1	Hose nipple
46	250122	1	Safety valve
47	291268	1	T-junction
48	204820	1	Nipple
49	205563	1	Elbow
50	300113	2	Adapter
51	203295	2	Gasket ring
52	293001	1	Safety cover



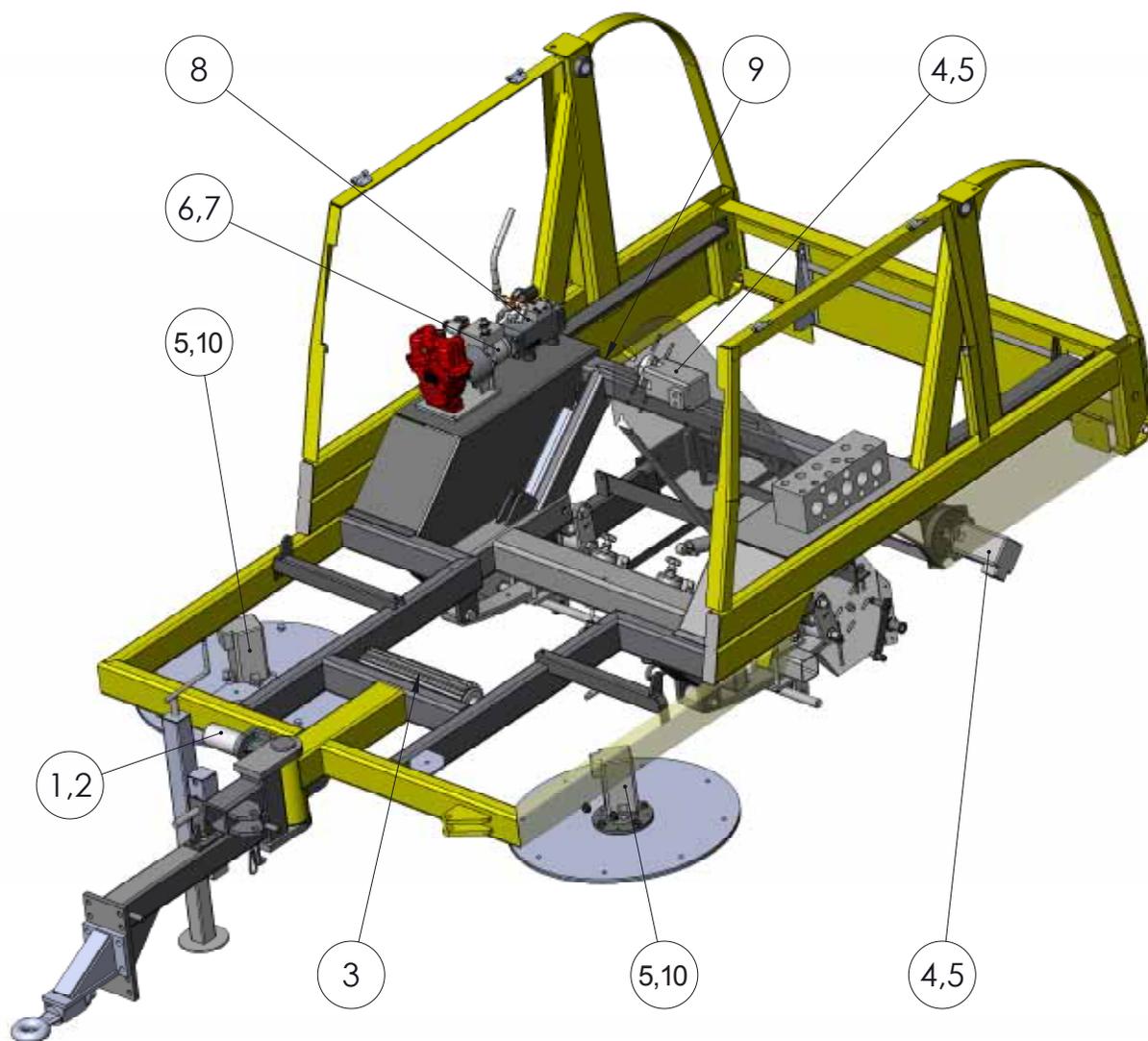
Position	Art No.	Stk	Description
1	206151	2	Bolt
2	205144	1	Valve body
3	205410	4	Valve, assembly
4	205145	4	Valve gasket
5	202786	10	Bolt
6	205147	2	Diaphragm cover
7	203135	2	Lock washer
8	205148	2	Gasket ring
9	205149	2	Track shoe
10	205409	2	Pump diaphragm
11	205150	2	Piston rod
12	202772	2	Bolt
13	202774	2	Bolt
14	206137	2	Valve, body half
15	205151	2	Gasket ring
16	205152	2	Dust shield washer
17	205765	2	Bearing
18	203228	2	Bearing
19	205551	1	Lubricant nipple
20	205153	1	Cam shaft
21	203030	4	Nut
22	202784	4	Bolt
23	205913	1	Base
24	203031	4	Nut
25	205143	1	Water pump, assembly (positions 1-24)
26	250122	1	Safety valve
27	292536	1	Rotex coupling, assembly
28	292537	1	Toothed wheel rim
29	202918	2	Stop screw
30	500027	1	Hydraulic motor



Position	Art No.	Stk	Description
1	292322	1	Hydraulic cylinder
2	292323	1	Gasket set for 292322
3	292618	2	Hydraulic cylinder
4	292619	2	Gasket set for 292618
5	292326	2	Hydraulic cylinder
6	292327	2	Gasket set for 292326
7	292328	1	Hydraulic cylinder
8	292329	1	Gasket set for 292328
9	292716	2	Hydraulic cylinder
10	292828	2	Gasket set for 292716
11	292620	2	Hydraulic cylinder
12	292621	2	Gasket set for 292620
13	293000	2	Piston mounting
14	293027	4	Stud
15	290187-10	1	Piston mounting



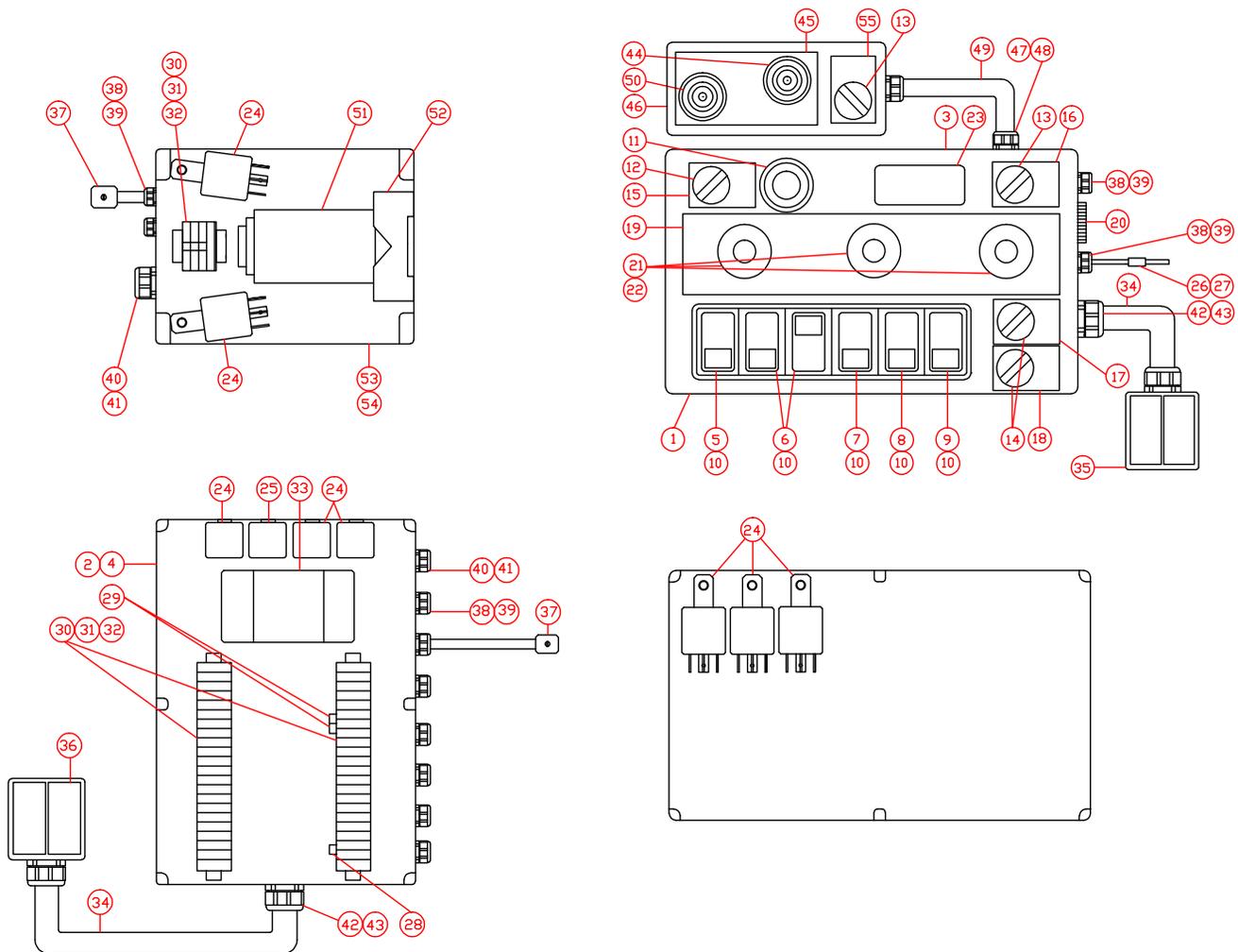
Position	Art No.	Stk	Description
1	291141	1	Socket for P.T.O (RU)
2	202803	4	Bolt
3	290648	4	Spring washer
4	201106	1	Pump mount plate
5	290033	1	Drain plug
6	206043	1	Gear box
7	205334	1	Oil level indicator
8	205326	1	Ventilating plug
9	290032	1	Wedge
10	290726	1	Shaft nut
11	205813	1	Drive coupling
12	300157	1	Hydraulic pump
13	292344	1	Gasket ring, pressure face
14	205123	1	Flange connection, pressure face
15	203142	10	Spring washer
16	290713	6	Socket head cap bolt
17	203296	1	Gasket ring
18	204777	1	Adapter
19	290175	1	Hydraulic hose, pressure face
20	290630	4	Socket head cap bolt
21	203297	1	Gasket ring
22	300147	1	Adapter
23	290176	1	Hydraulic hose, suction face
24	292596	1	Flange connection, suction face
25	292344	1	Gasket ring, suction face



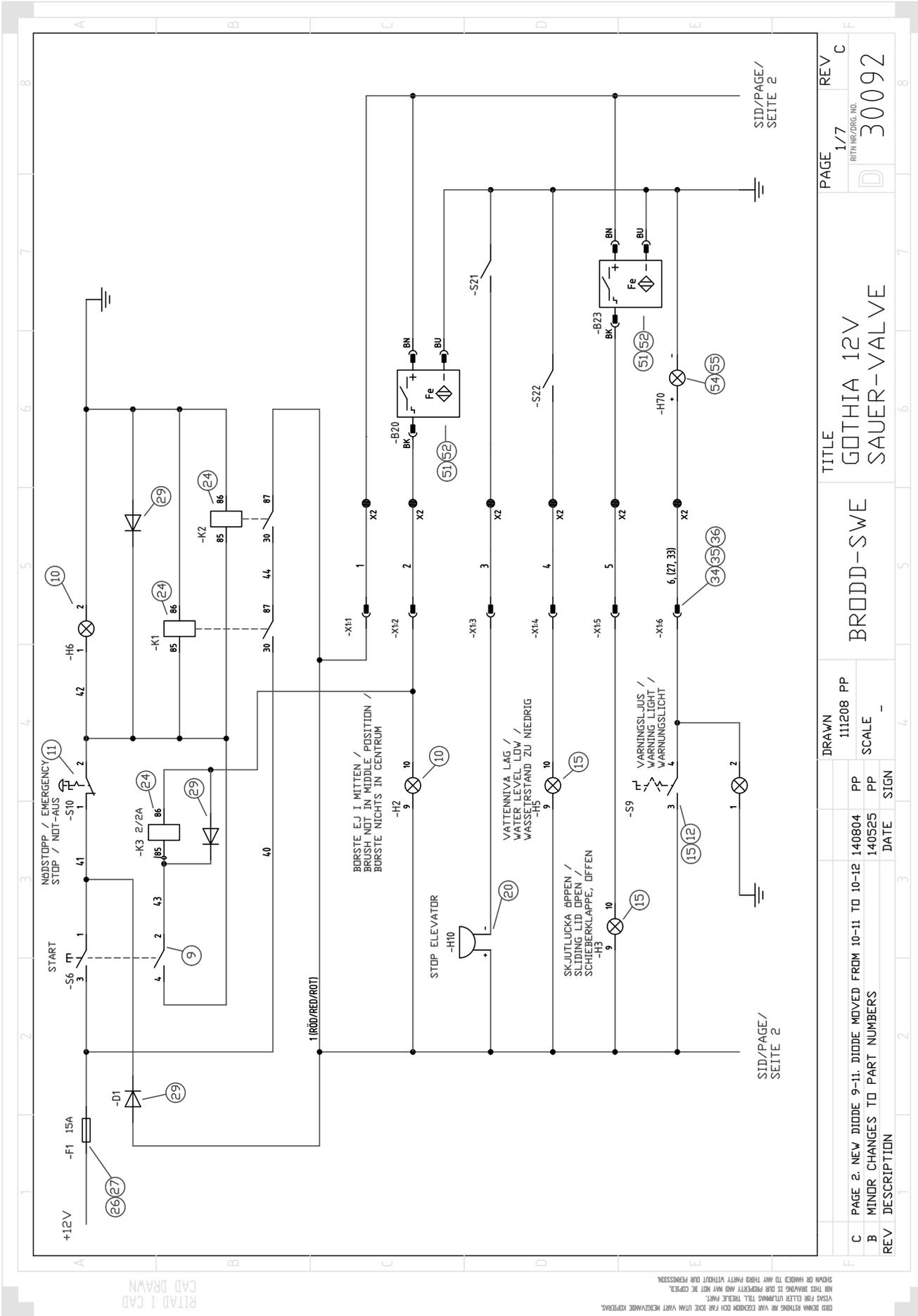
Position	Art No.	Stk	Description
1	250780	1	Hydraulic oil filter, assembly
2	250781	1	Hydraulic oil filter, cartridge
3	292520	1	Oil cooler
4	300137	2	Hydraulic motor
5	290138	4	Gasket set
6	206230	1	Hydraulic motor
7	205395	1	Gasket set
8	291017	1	High pressure washing pump (See page 32 - option)
9	291097-07	1	Sequency valve
10	292822	2	Hydraulic motor OMS 315 conical, side brush

Position	Art No.	Stk	Description
1	292335	1	Hydraulic pump
2	292336	1	Flange connection, suction face
3	292338	1	Flange connection, pressure face
4	290184	1	Ventilating filter, assembly
5	205956	1	Level indicator
6	206043	1	Gear box
7	292317	1	Hydraulic oil filter, assembly
8	292337	1	Hydraulic valve, assembly
9	290056	1	Hydraulic pressure gauge
10	292334	1	Hydraulic valve, rpm main brush
11	291197	1	Level / temperature relay
12	500018	4	Hydraulic motor
13	292333	1	Sequence valve
14	292331	2	Hose break valve
15	294124	1	Valve, on/off
16	292330	1	Accumulator
17	292520	1	Oil cooler
18	291201	1	Pressure switch, elevator
19	500027	1	Hydraulic motor

Position	Art No.	Stk	Description
1	292330	1	Accumulator
2	292520	1	Oil cooler
3	291201	1	Pressure switch, elevator
4	290826	1	Quick coupling 3/8", connector
5	290825	2	Quick coupling 3/4", connector
6	500027	1	Hydraulic motor
7	292317	1	Hydraulic oil filter, assembly
8	292337	1	Hydraulic valve, assembly
9	290056	1	Hydraulic pressure gauge
10	292334	1	Hydraulic valve, rpm main brush
11	252004	1	Valve 12 V DC
12	500018	4	Hydraulic motor
13	292333	1	Sequence valve
14	292331	2	Hose break valve
15	250169	1	Valve on/off
16	290749	1	Non return valve



Position	Art No.	Stk	Description
1	100066-12	1	Remote control unit, complete
2	100067-12	1	Cable unit complete, sweeper
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes & litter hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit breaker, re-start
10	300198	6	Bulb 12 V, SWF
11	291277	1	Emergency stop breaker
12	291278	1	Knob yellow complete, 1 pole with link
13	291279	2	Knob green complete, 1 pole with link
14	291280	2	Knob black complete, 2 pole
15	291281	1	Plate, rotating beacon
16	291282	1	Plate, high pressure washing pump
17	291283	1	Plate, elevator
18	291284	1	Plate, tilting angle side brush
19	291285	1	Plate, remote control box
20	290066	1	Buzzer
21	291286	3	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	6	Relay 12 V, closed unit
25	203625	1	Relay 12 V, alternating circuit
26	300183	1	Fuse mounting
27	251789-15	1	Fuse 15 A
28	291288	1	Diode 3 A
29	290159	29	Diode 1 A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	291186	1	Servo amplifier, proportional valves
34	291293	11	Cable
35	292760	1	Connector 32-pole
36	292761	1	Socket 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection
39	291295	26	Contra nut
40	290162	3	Connection
41	290339	3	Contra nut
42	291296	2	Connection
43	291297	2	Contra nut
44	291298	1	Joy-stick, complete
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection
48	291302	2	Contra nut
49	205688	12	Cable
50	292278	1	Joy-stick, complete
51	292837	1	Time relay
52	292845	1	Screw socket
53	292851	1	Box
54	294028	1	Time relay assembly
55	294025	1	Type for ventilator



RTAD I CAD
CAD DRAWN

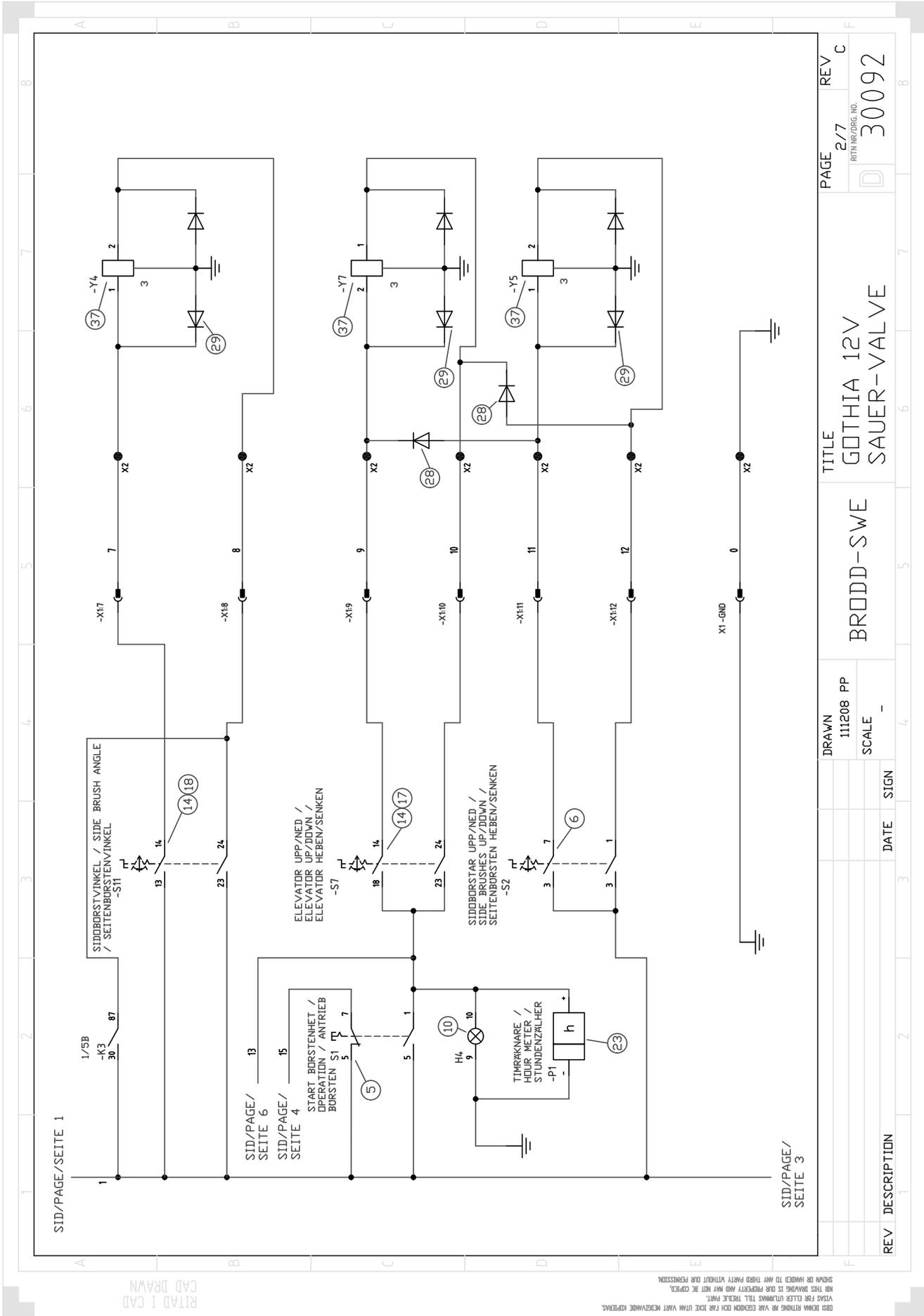
VISSA RÄTTNINGEN ÄR VAR EGENOM OCH FÄR DOKU UTMÅN VÄRT HÄRIGVÄRNE KÖRREAS.
VISAS FÖR ELLER UTMÅNS TILL TÄCKE PART.
NÄR THIS DRAWING IS OUR PROPERTY AND MAY NOT BE COPIED.
SHOWN OR HANDLED TO ANY THIRD PARTY WITHOUT OUR PERMISSION.

C		PAGE 2. NEW DIODE 9-11. DIODE MOVED FROM 10-11 TO 10-12		140804	PP	111208	PP	DRAWN		TITLE		PAGE	REV
B		MINOR CHANGES TO PART NUMBERS		140525	PP		PP	SCALE		BRODD-SWE		1/7	C
REV		DESCRIPTION		DATE	SIGN					SAUER-VALVE		30092	

SID/PAGE/
SEITE 2

SID/PAGE/
SEITE 2

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank



SID/PAGE/SEITE 1

SID/PAGE/SEITE 6

SID/PAGE/SEITE 4

SID/PAGE/SEITE 3

1/SB
-K3
87
SIDBORSTVINKEL / SIDE BRUSH ANGLE
/ SEITENBORSTENVINKEL
-S11

ELEVATOR UPP/NED /
ELEVATOR UP/DOWN /
ELEVATOR HEBEN/SENKEN
-S7

SIDBORSTAR UPP/NED /
SIDE BRUSHES UP/DOWN /
SEITENBORSTEN HEBEN/SENKEN
-S2

TI MRK NÄRE /
HOUR METER /
STUNDENZÄLHÄR
-P1

PAGE	2/7	REV	C
RTN NR/DWG. NO.	30092		

TITLE
GOTHIA 12V
SAUER-VALVE

BRODD-SWE

DRAWN
111208 PP

SCALE
-

DATE

SIGN

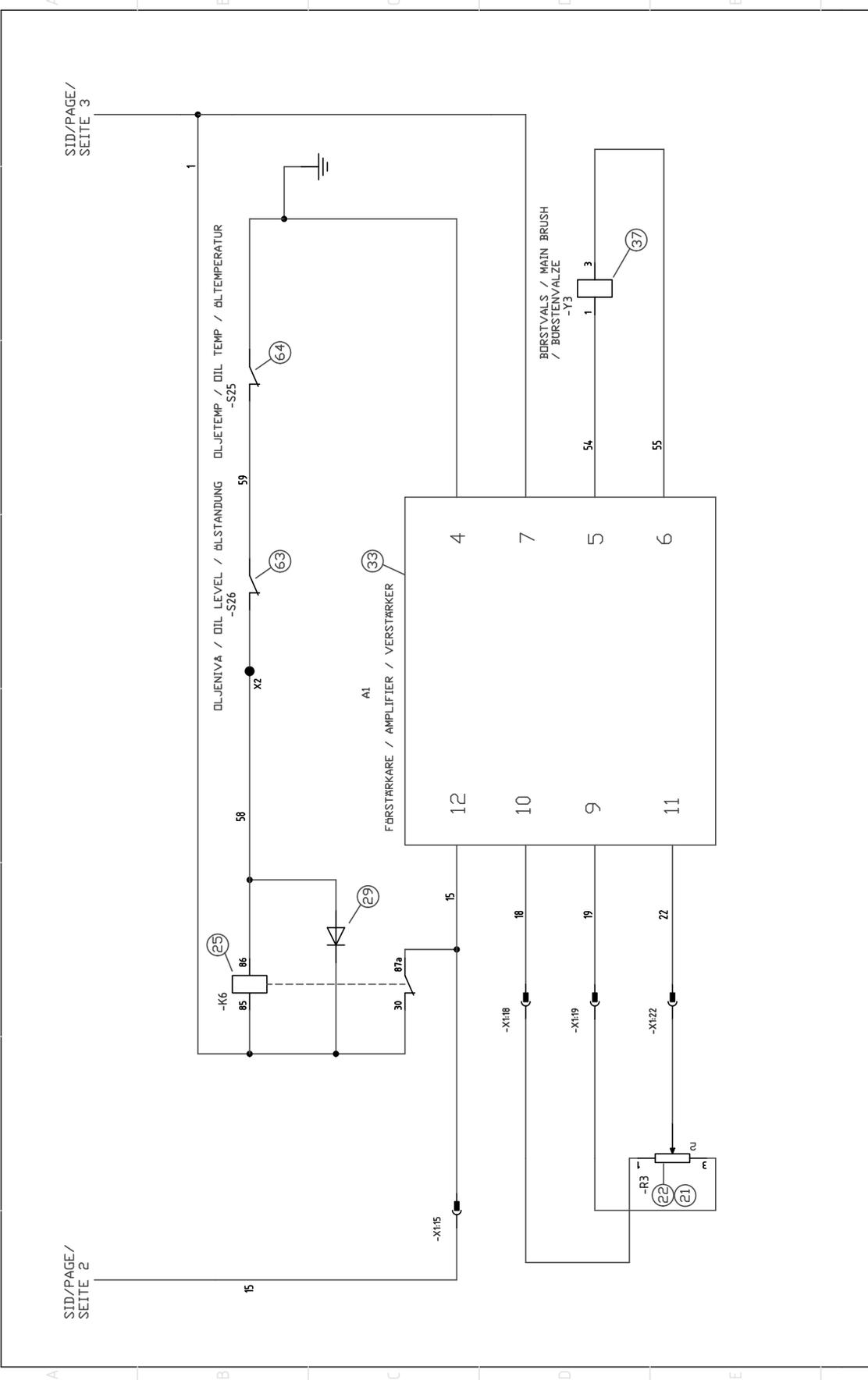
REV DESCRIPTION

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank

SID/PAGE/
SEITE 3

SID/PAGE/
SEITE 2



RITAD I CAD
CAD DRAWN

VISSA FÖR ELLER UTMÄNS TILL TILLÄGGE PART.
SOM HAR EGENA OCH FÖR TÖCK UTM VÄRT HÖRIGVÄRDE KÖRRETS.
SOMN BR HÄNDT TO ANY THIRD PARTY WITHOUT OUR PERMISSION.
NÄR TÄR HÄNDING IS OUR PROPERTY AND MAY NOT BE COPIED.

REV	DESCRIPTION	DATE	SIGN
1			
2			
3			
4			
5			
6			
7			
8			

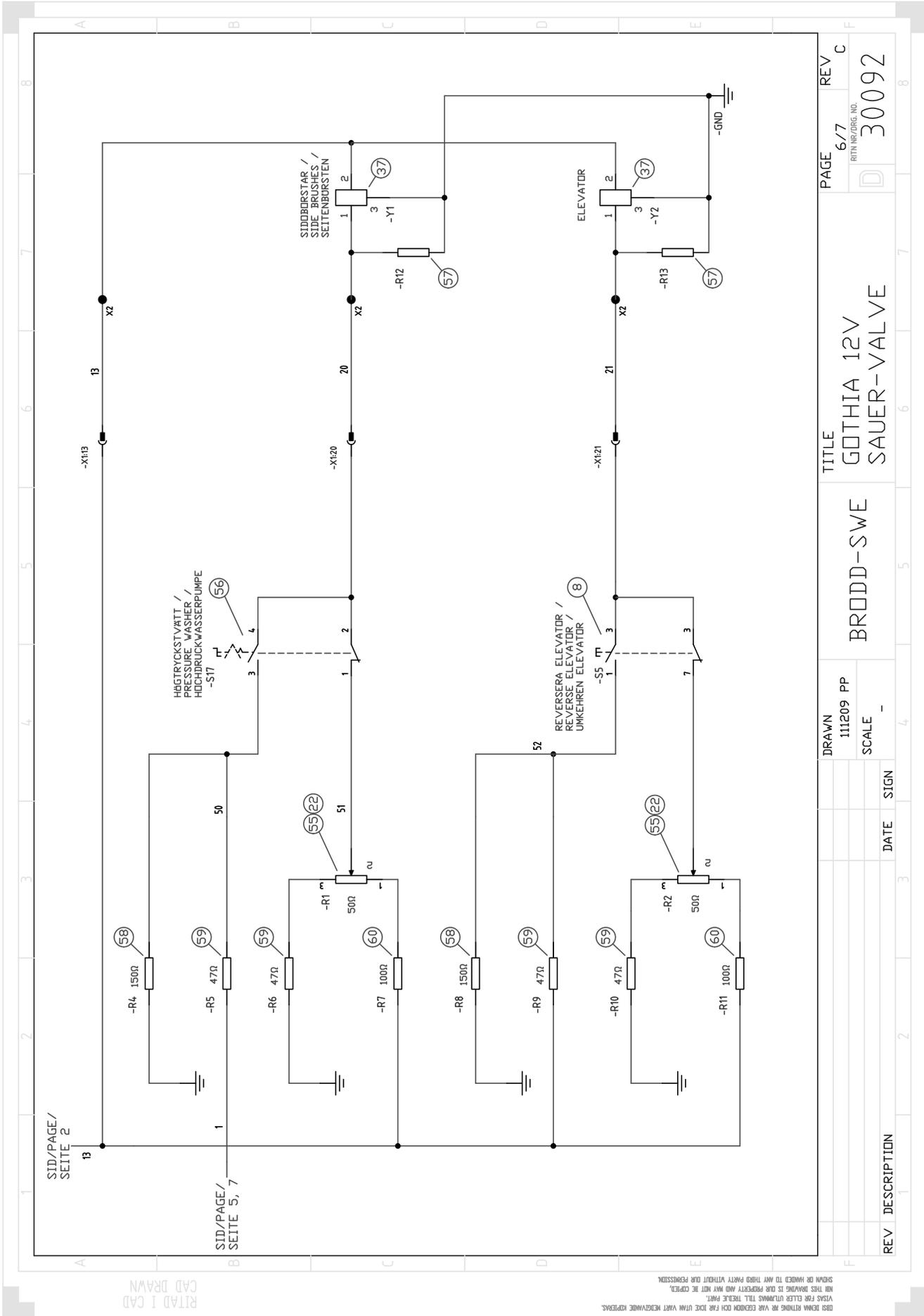
DRAWN	111208 PP
SCALE	-

TITLE	BRODD-SWE
TITLE	GOTHIA 12V
TITLE	SAUER-VALVE

PAGE	4/7	REV	C
RTN NR/DRG NO.	30092		

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank



SID/PAGE/
SEITE 2

SID/PAGE/
SEITE 5, 7

PAGE 6/7 REV C
RITN NR./DRG. NO. 30092

TITLE
GOTHIA 12V
SAUER-VALVE

BRODD-SWE

DRAWN 111209 PP
SCALE -

DATE SIGN

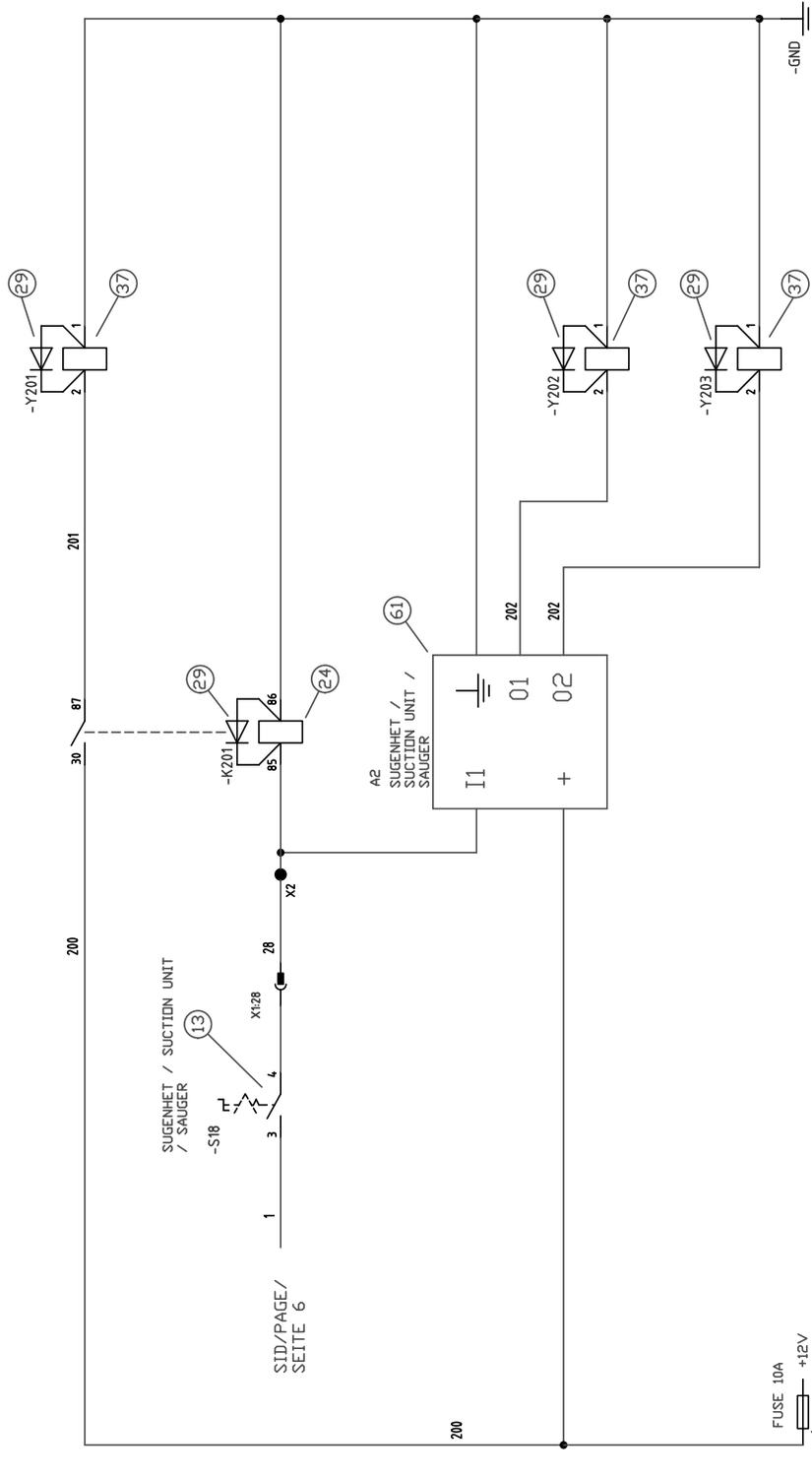
REV DESCRIPTION

RTIAD I CAD
CAD DRAWN

DRÖN RITNINGEN ÄR VAR EGENOM OCH FÄR DOKU UTMÅN VÄRT HENGGVÄNDE KÖPERSAS.
VI SAS FÖR ELLER UTMÅNENS TILL TRESJE PART.
NÄR THIS DRAWING IS OUR PROPERTY AND MAY NOT BE COPIED.
SHOWN OR HANDLED TO ANY THIRD PARTY WITHOUT OUR PERMISSION.

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank

TILLBEHÖR / OPTION / ZUSATZAUSRÜSTUNG



RTAD I CAD
CAD DRAWN

ÖBNS BEHÅLLNINGEN ÄR VÅR EGENOMSKAP OCH FÅR IKKE ÖTNAS VÅRT HANDESKRIVNINGAR.
VI SKÅR FÖR ELLER ÖLJANS TILL TÄCKNINGEN.
NÅR DENNA HANDESKRIVNINGEN ÄR ÖPPEN FÖR ÖLJANS HANDESKRIVNINGEN.
SHOWN OR HANDLED TO ANY THIRD PARTY WITHOUT OUR PERMISSION.

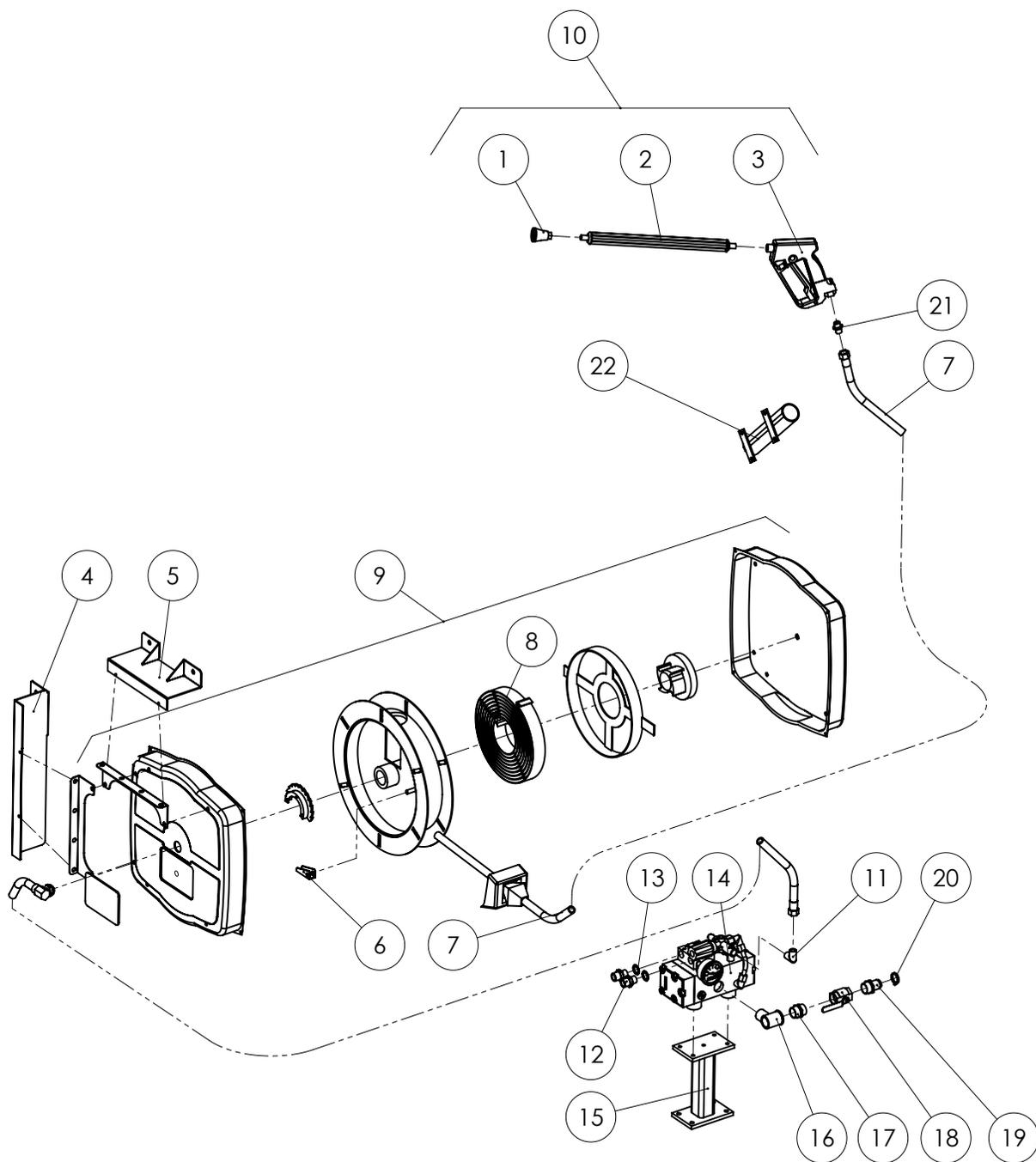
REV	DESCRIPTION	DATE	SIGN	DRAWN	SCALE	TITLE	PAGE	REV
1				111208 PP	-	BRODD-SWE	7/7	C
2						GOTHIA 12V		
3						SAUER-VALVE		
4								
5								
6								
7								
8								

RTN NR./DRG. NO.
30092

Position	Artikelnr	Antal	Benämning
1	294128	1	Remote control unit 12V, assembly
2	294129	1	Cable unit 12V, sweeper view, assembly
3	291270	1	Box, remote control
4	291271	1	Box, cable unit
5	291272	1	Circuit-breaker, power feed
6	291273	2	Circuit-breaker, side brushes/hopper
7	291274	1	Circuit-breaker, water pump
8	291275	1	Circuit-breaker, elevator
9	291276	1	Circuit-breaker
10	300198	6	Bulb 12V, SWF
11	291277	1	Emergency-stop breaker, assembly
12	291278	1	Knob yellow, 1-pole
13	291279	1	Knob green, 1-pole
14	291280	2	Knob black complete, 2-pole
15	291281	1	Display, rotating beacon
16	291282	1	Display, high pressure wash pump
17	291283	1	Display, elevator
18	291284	1	Display, tilting angle
19	291285	1	Display, remote control box
20	290066	1	Busser, remote control box
21	291286	1	Potentiometer
22	291287	3	Wheel with scale plate
23	290156	1	Hour counter
24	290157	7	Relay 12V, closed circuit
25	203625	1	Relay 12V, alternating circuit
26	300183	2	Fuse mounting
27	251789-15	1	Fuse 15A
28	291288	2	Diode 3A
29	290159	29	Diode 1A
30	291289	40	Connection block
31	291290	2	Conductor rail ramp
32	291291	4	End stop
33	900959	1	Servo amplifier, 1 channel 12VDC
34	291293	11	Cable 34x0,75 mm ²
35	292760	1	Connector 32-pole
36	292761	1	Connector 32-pole
37	300188	13	Socket, electrical valve
38	291294	26	Connection PG7
39	291295	26	Contra nut SM7
40	290162	3	Connection PG11
41	290339	3	Contra nut SM11
42	291296	2	Connection PG21
43	291297	2	Contra nut SM21
44	291298	1	Joy-stick 2-pole, assembly
45	291299	1	Display, side displacement draw bar
46	291300	1	Box, joy-stick
47	291301	2	Connection PG13,5
48	291302	2	Contra nut SM13,5
49	205688	1,5	Cable 7x1,5
50	292278	1	Joy-stick 4 way, assembly
51	290158-15	3	Cable 5 m for inductive transmitter
52	290158-10	3	Inductive transmitter M12, pin plug
53	290722	1	Warning signal 12VDC
54	292987	1	Warning light
55	300190	2	Potentiometer
56	292221	1	Knob black, assembly 2-pole
57	300197	2	Resistor 910 ohm
58	290071	2	Resistor 150 ohm
59	300195	4	Resistor 47 ohm
60	290070	2	Resistor 100 ohm
61	292837	1	Time relay
62	251789-10	1	Fuse 10A
63	292546	1	Level indicator oil tank

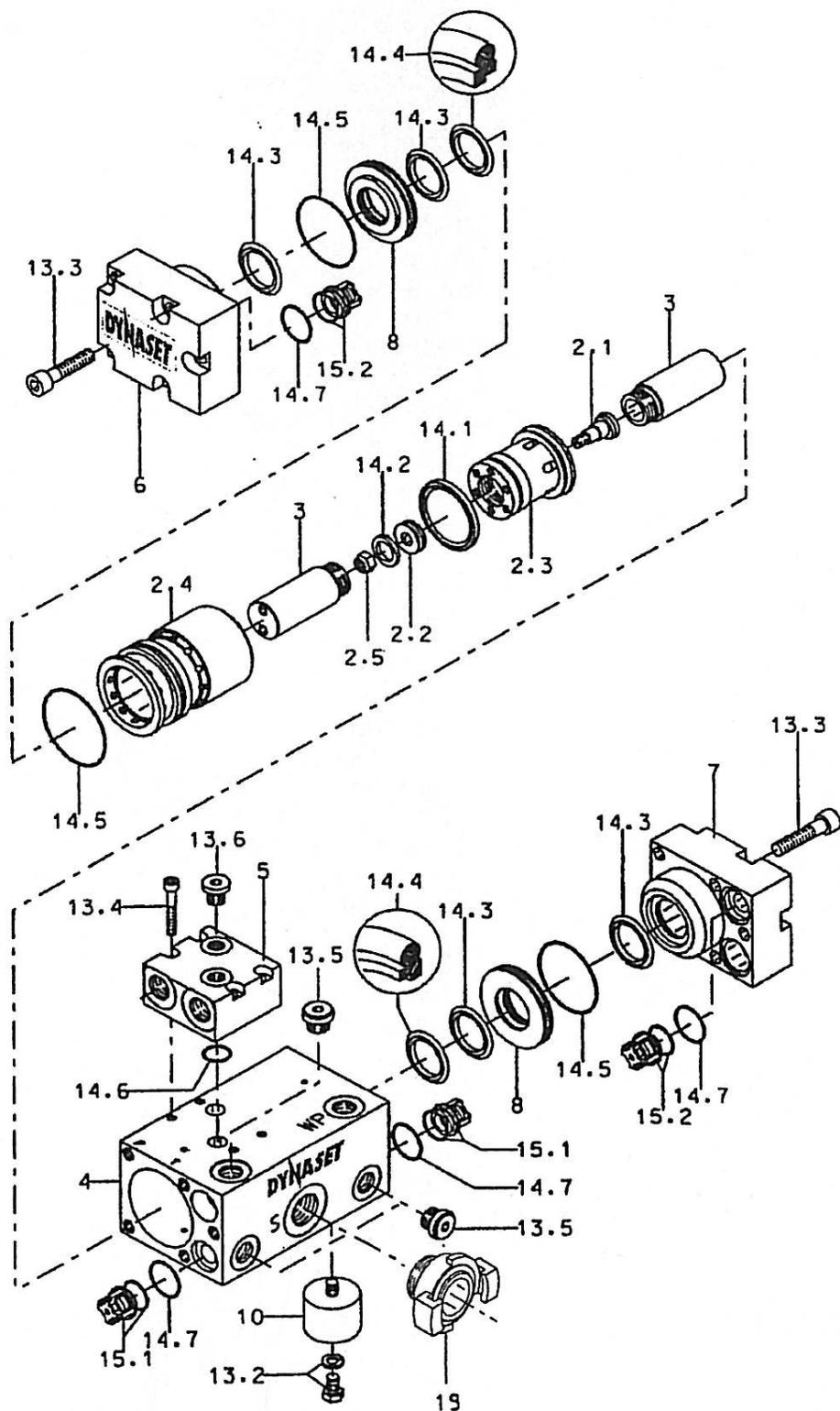
Position	Art No.	Stk	Description
1	290171	2	Rear light up to serial no. 1182
1	290171-04	2	Blinker LED serial no. 1183-1187
1	290171-05	2	Rear and brake light LED serial no. 1183-1187
1	294249	1	Rear light right, complete from serial no. 1188 -
1	294250	1	Rear light left, complete from serial no. 1188 -
2	290169	4	Bulb 12V/21W
3	290170	2	Bulb 12V/10W
4	205688	8 m	Cable
5	290921	2	Blinker 12V
6	204486	1	Pin plug, 7-pole
7	290106	1	Coupling case
8	290172	2	Rear light glass up to serial no. 1182
9	290174	2	Blinker glass up to serial no. 1182

Option



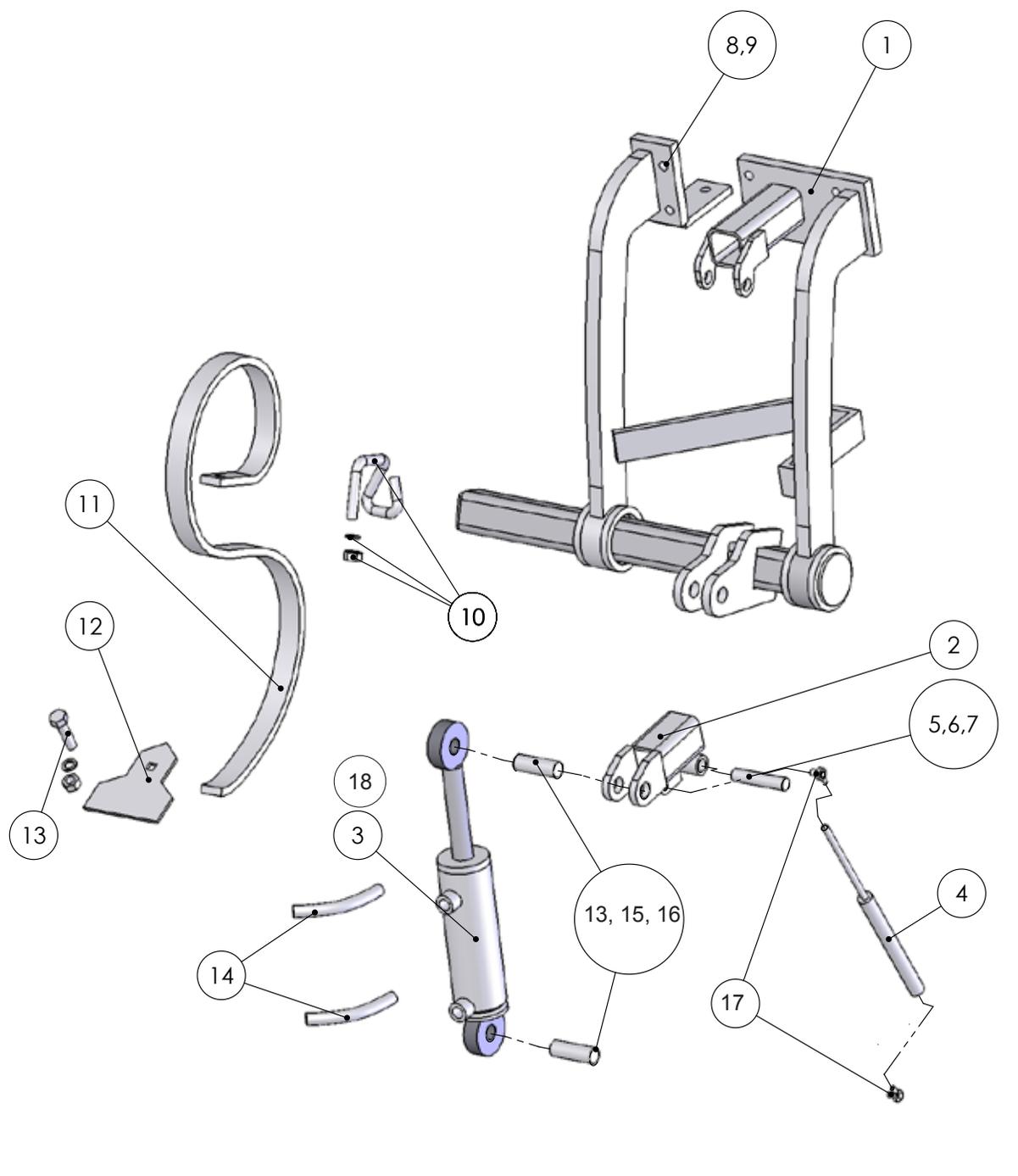
Position	Art No.	Stk	Description
1	292205	1	Nozzle
2	292206	1	Pipe
3	292207	1	Handle
4	291117	1	Bracket
5	291116	1	Bracket
6	292208	1	Locking device, hose reel
7	292149	1	High pressure hose, 13 m
8	292209	1	Spring, hose reel
9	291038	1	Hose reel, assembly
10	251872	1	High pressure lance, assembly
11	291114	1	Adapter
12	300113	2	Adapter
13	203295	2	Gasket ring
14	291017	1	High pressure waterpump
15	292191	1	Bracket
16	205570	1	Elbow
17	290534	1	Nipple
18	205568	1	Ball valve
19	290076	1	Hose connector
20	203351	1	Hose clamp
21	290891	1	Adapter
22	291241	1	Holding device, high pressure lance

Option



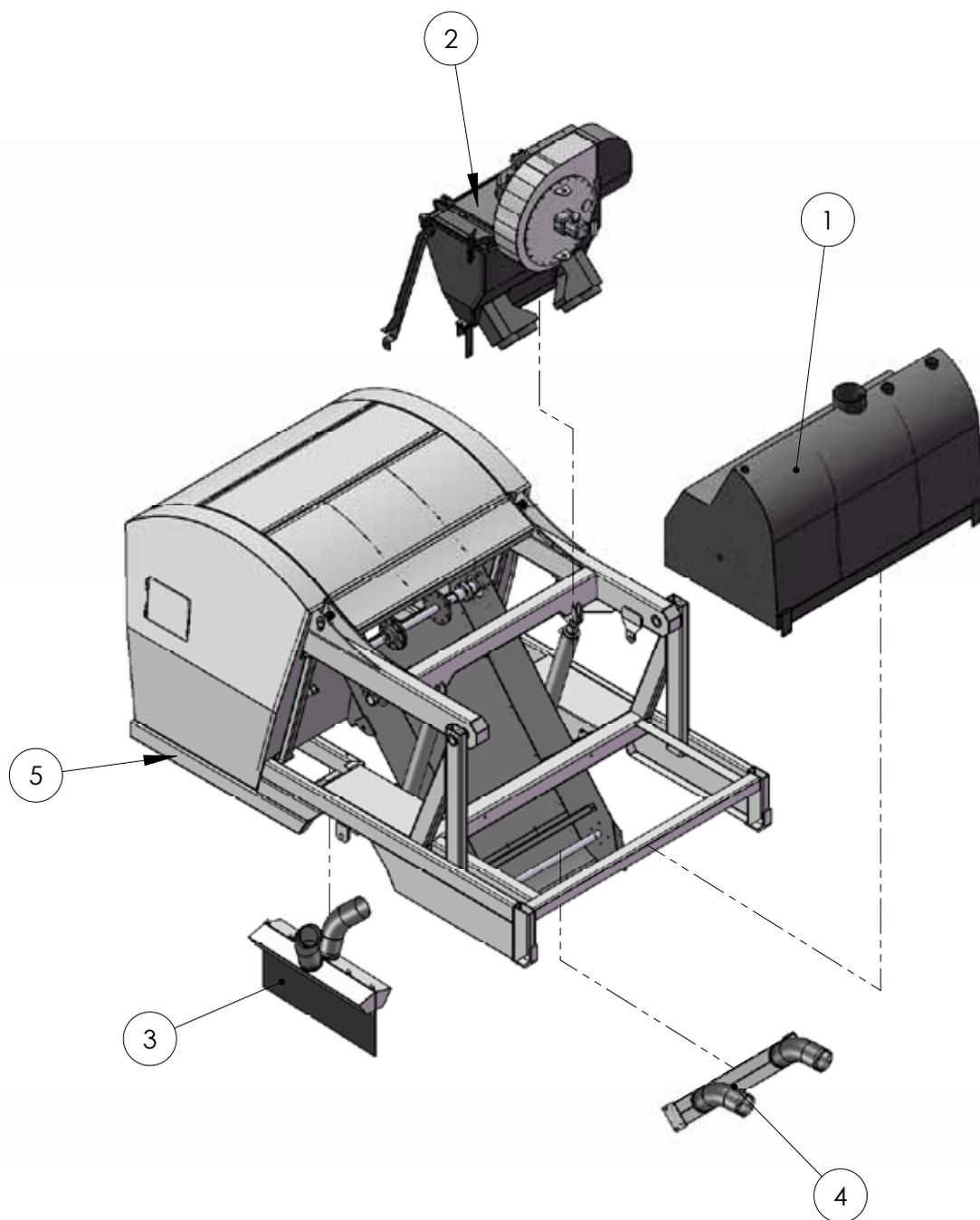
Position	Stk	Description
2.1	1	Poppet spool
2.2	1	Flange
2.3	1	Piston
2.4	1	Cylinder
2.5	1	Nut
3	2	Water piston
4	1	Body pump
5	1	Hydraulic block
6	1	Cover, left
7	1	Cover, right
8	2	Flange
10	4	Damper
13.2	4	Screw
13.3	10	Socket head cap bolt
13.4	4	Socket head cap bolt
13.5	3	Plug
13.6	2	Plug
14.1	1	Seal
14.2	1	Seal
14.3	4	Seal
14.4	2	Seal
14.5	3	O-ring
14.6	2	O-ring
14.7	4	O-ring
15.1	1	Suction valve
15.2	1	Pressure valve
19	1	Claw coupling
Service-repairing set:		
2	1	Piston assembly Incl. parts 2.1-2.4
13	1	Screw set Incl. parts 13.2-13.6
14	1	Gasket set Incl. parts 14.1-14.7
15	1	Water valve set Incl. parts 15.1-15.2

Option



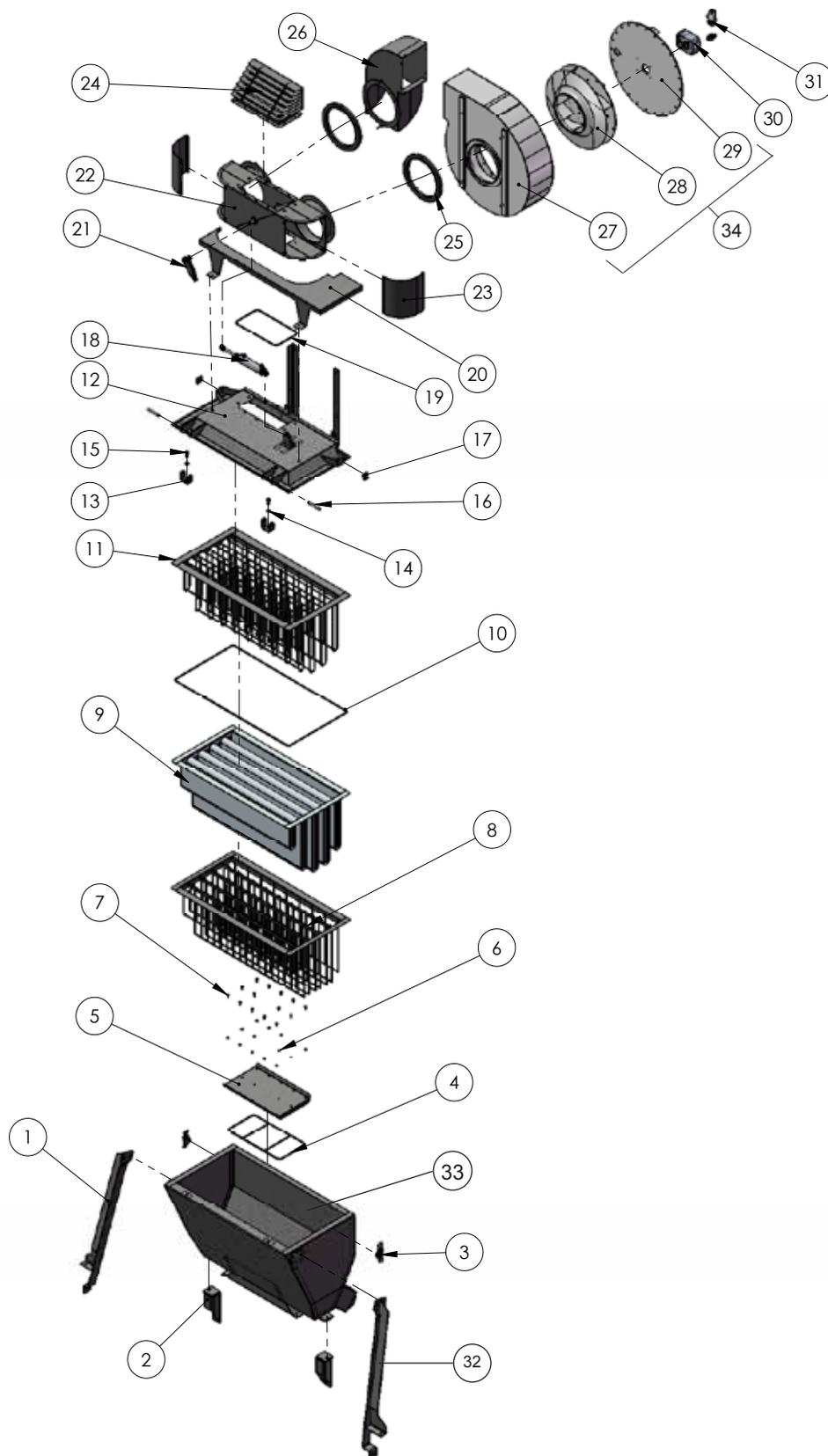
Position	Art No.	Stk	Description
1	292755	1	Support frame, right
2	292754	1	Cylinder bracket
3	292326	1	Hydraulic cylinder
4	203521	1	Gas spring
5	210234	1	Bolt
6	203018	1	Lock nut
7	203097	2	Plain washer
8	202784	6	Bolt
9	203142	6	Spring washer
10	292162	3	Brace cultivator spring
11	290469	3	Cultivator spring
12	290470	3	Shredder tooth with bolt and nut
13	202845	5	Bolt
14	290911	2	Hydraulic hose
15	290683	5	Lock nut M20
16	203053	10	Plain washer
17	210144	2	Clevis for gas spring
18	292327	1	Gasket set for 292326
19	292752	1	Scraper, assembly (Positions 1-18)

Option



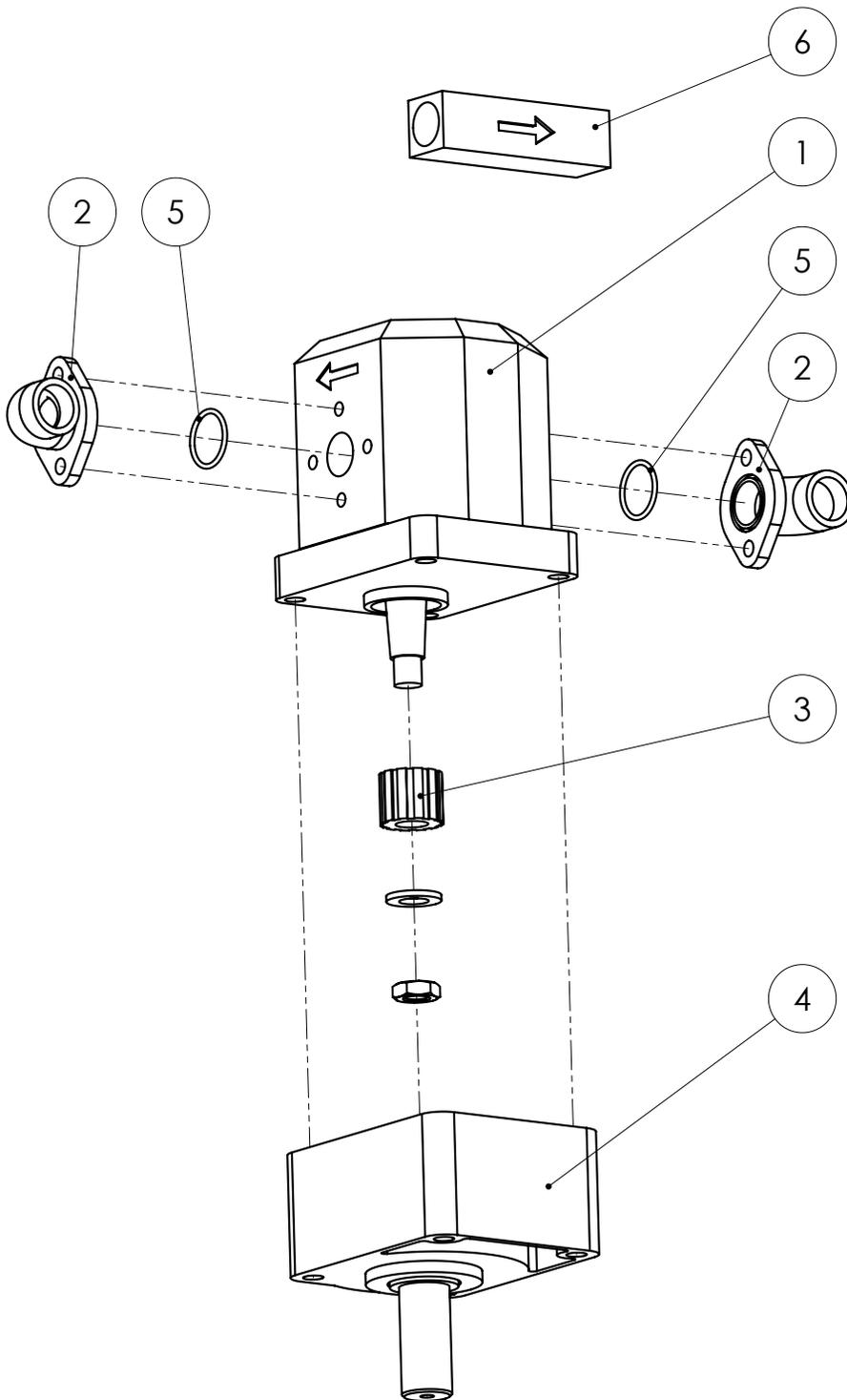
Position	Art No.	Stk	Description
1	294042	1	Water tank, 900 l
2	900026	1	Suction fan, assembly
3	294044	1	Suction nozzle side brushes, assembly
4	294045	1	Suction nozzle roller brush, assembly
5	294046	1	Chassis

Option



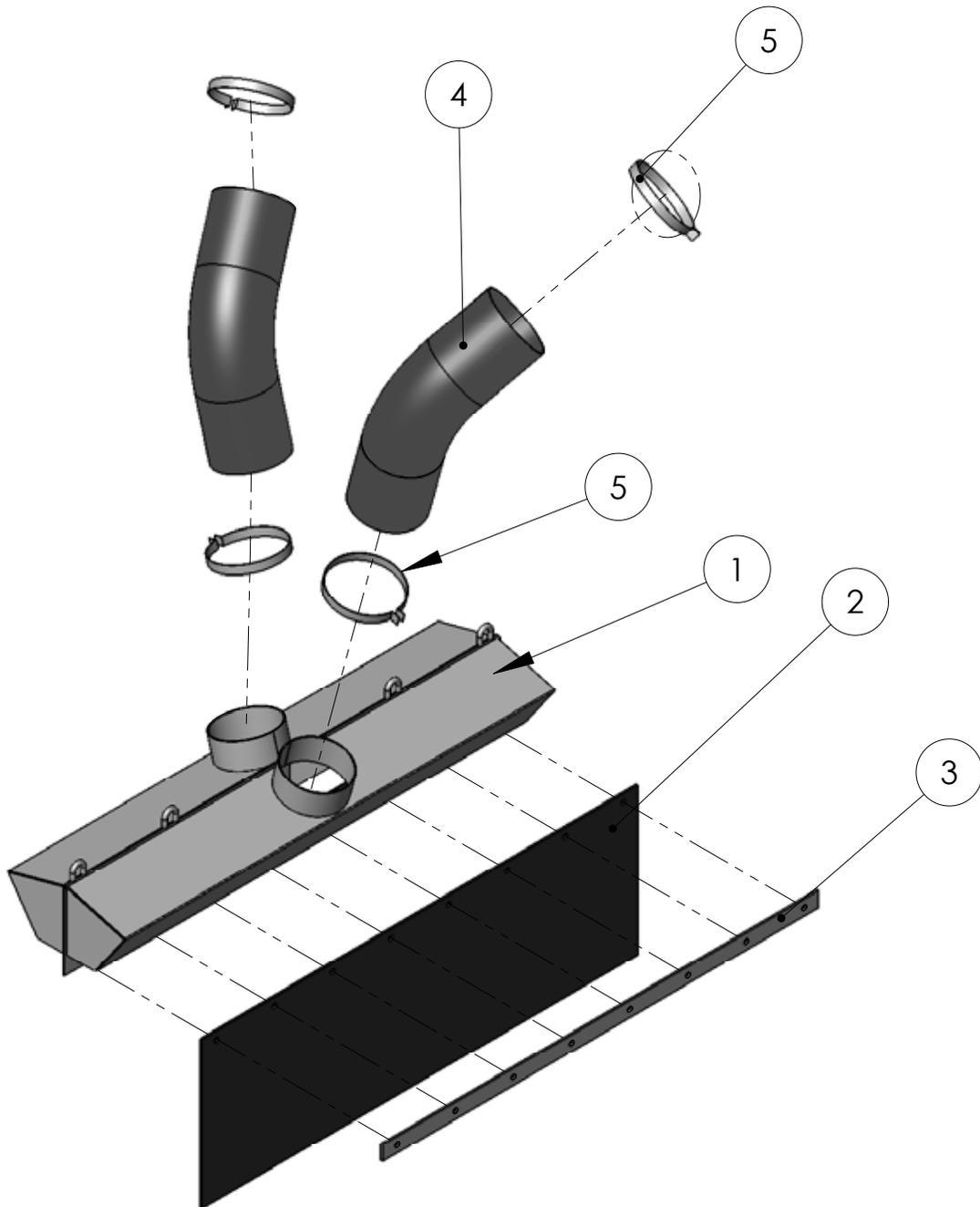
Position	Art No.	Stk	Description
1	294047	1	Brace, left
2	294048	2	Bracket, rear support
3	290538	2	Lock
4	251832	1 m	Gasket
5	294049	1	Cover
6	203103	14	Spring washer
7	202748	14	Bolt
8	294050	1	Frame for filter element
9	294051	1	Filter element set
10	251832	8 m	Foam sealing
11	294052	1	Frame, upper
12	294053	1	Cover
13	294054	2	Bracket for hinge
14	203142	2	Spring washer
15	202783	2	Bolt
16	294055	2	Fauchet
17	290539	2	Companion part
18	294056	1	Hydraulic cylinder
19	251832	1 m	Foam sealing
20	294057	1	Bracket, distributor box
21	294058	1	Lifting arm
22	294059	1	Air distributor box
23	294060	2	Side cover
24	294061	1	Box, air outlet
25	294062	2	Gasket ring
26	294063	1	Housing, air inlet
27	501035	1	Housing for suction fan
28	501036	1	Fan wheel
29	501037	1	Cover for suction fan
30	900171	1	Collar bearing
31	500021	1	Hydraulic motor
32	294064	1	Brace, right
33	293118	1	Filter housing
34	900026	1	Suction fan assembly

Option



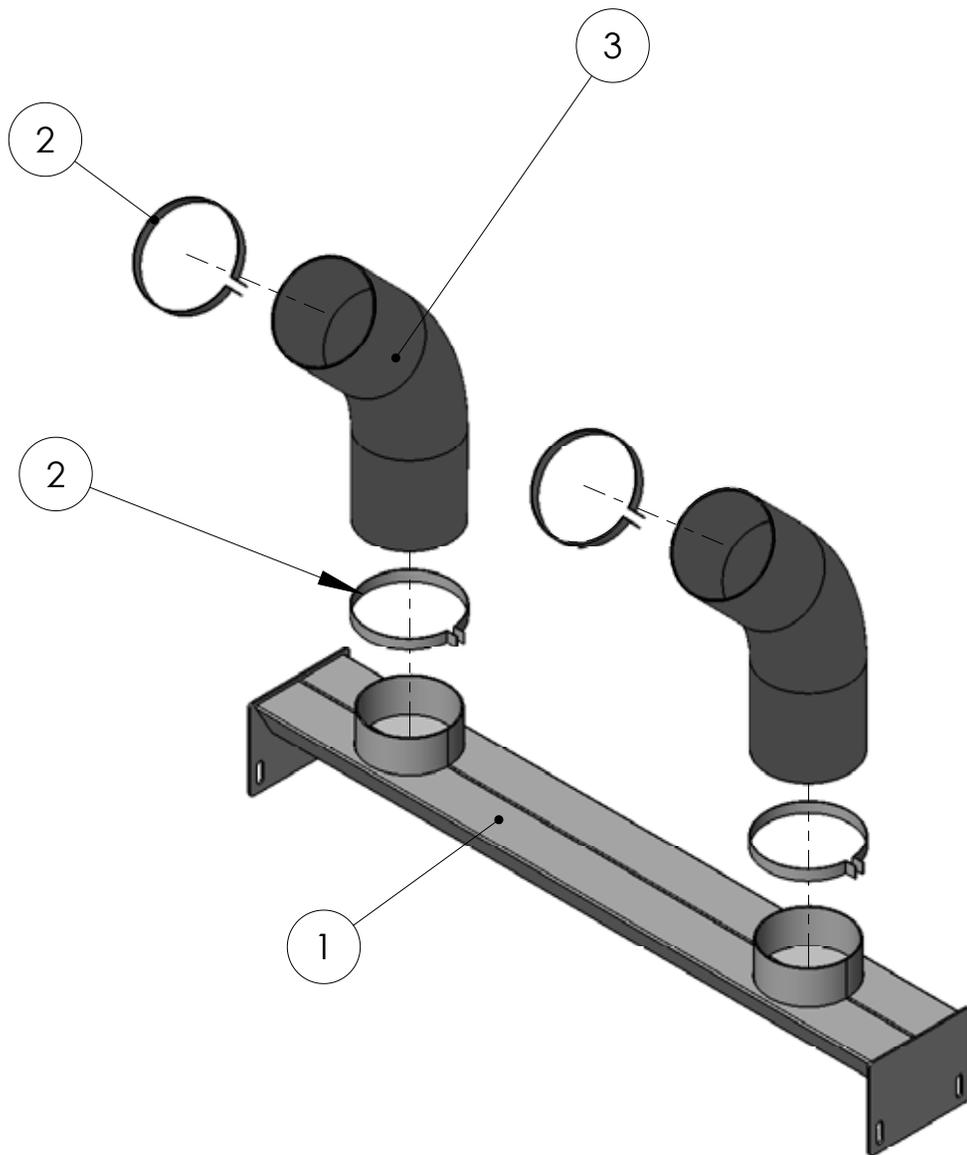
Position	Art No.	Stk	Description
1	294135	1	Hydraulic motor
2	900167	2	Flange connection
3	900172	1	Case
4	900171	1	Collar bearing
5	500128	2	Gasket ring
6	292602	1	Non return valve 1/2"

Option



Position	Art No.	Stk	Description
1	294044	1	Suction nozzle
2	294031	1	Rubber
3	294032	1	Clamp
4	501348	2	Suction hose
5	501347	4	Hose clamp

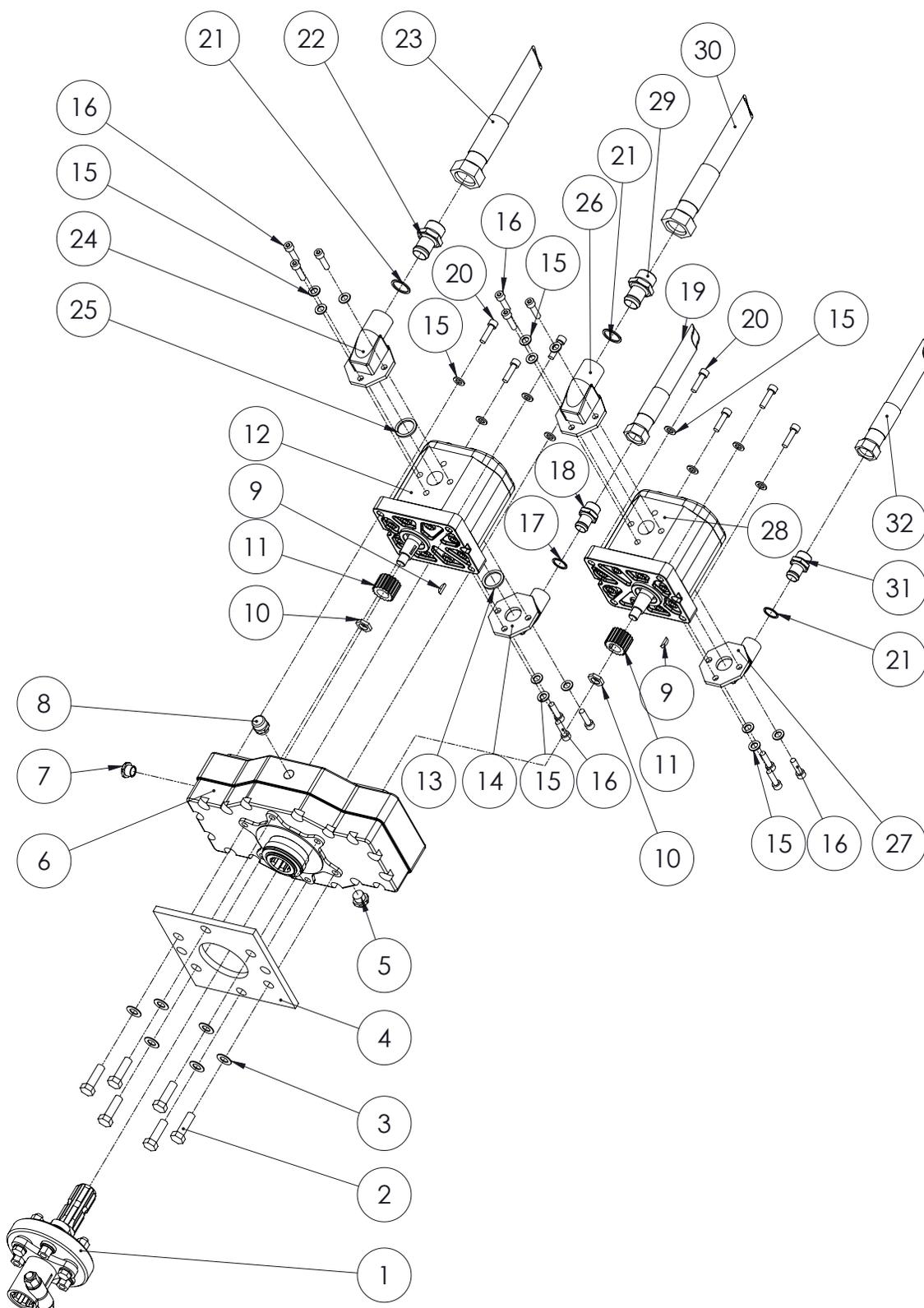
Option



Position	Art No.	Stk	Description
1	294045	1	Suction nozzle
2	501347	4	Hose clamp
3	501348	2	Suction hose

Position	Art No.	Stk	Description
1	292335	1	Hydraulic pump
2	292336	1	Flange connection
3	292338	1	Flange connection
4	290184	1	Ventilating filter, assembly
5	205956	1	Level indicator
6	294023	1	Gear box with double connectors
7	292317	1	Hydraulic oil filter, assembly
8	292337	1	Hydraulic valve, assembly
9	290056	1	Hydraulic pressure gauge
10	292334	1	Hydraulic valve, rpm main brush
11	291197	1	Level / temerature relay
12	500018	4	Hydraulic motor
13	292333	1	Sequence valve
14	292331	2	Hose break valve
15	900167	2	Flange connection
16	292330	1	Accumulator
17	292520	1	Oil cooler
18	291201	1	Pressure switch, elevator
19	500027	1	Hydraulic motor
20	250169	1	Valve on/off
21	294024	1	Hydraulic pump, ventilator
22	292596	1	Flange connection
23	205123	1	Flange connection
24	292598	1	Switch valve ½"
25	292599	1	Pressure limiting valve ½"
26	292866	1	Hydraulic motor, ventilator
27	900171	1	Collar bearing
28	292602	1	None return valve ½"
29	294029	1	Valve assembly
30	292864	1	Soft start valve

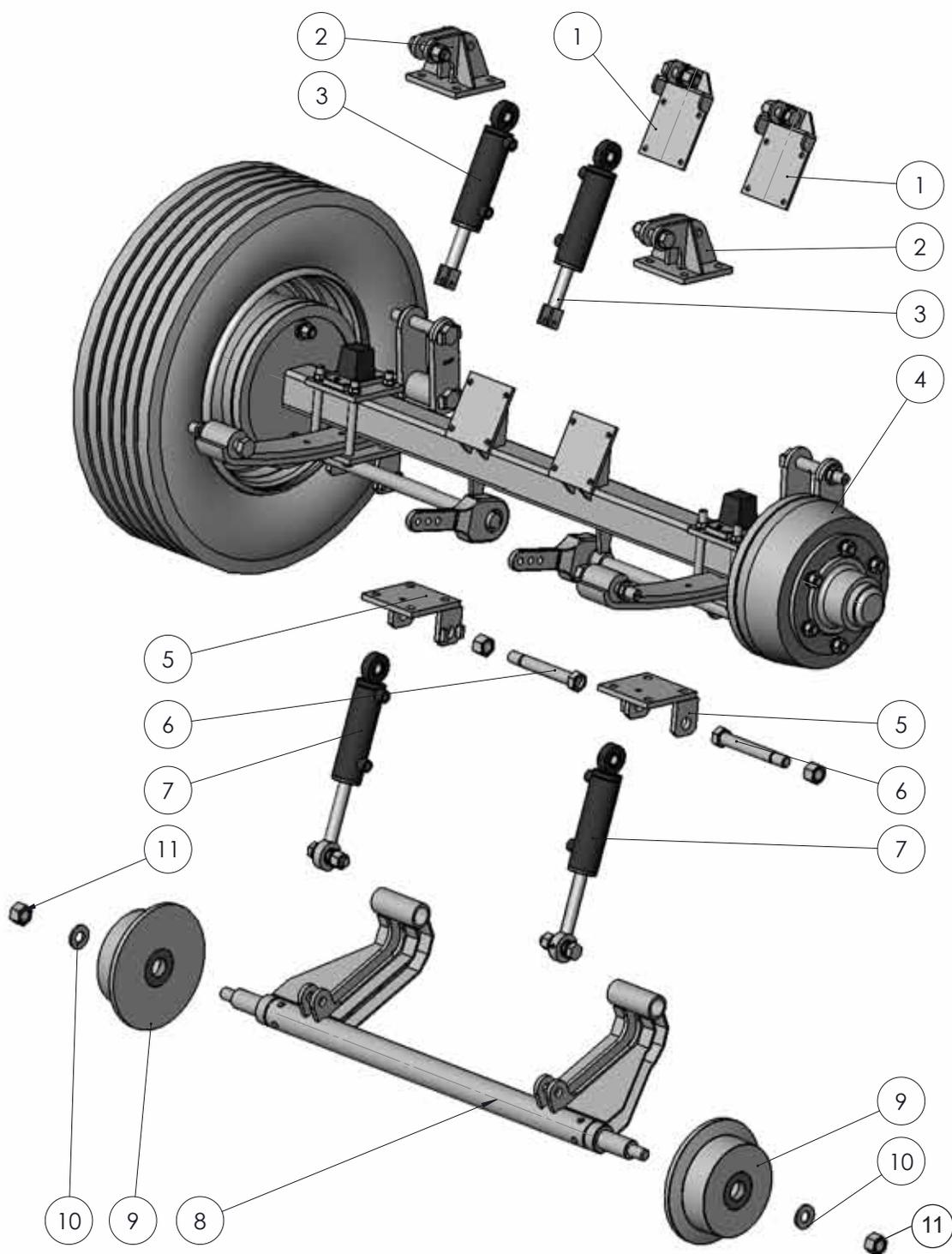
Option



Position	Art No.	Stk	Description
1	291141	1	Socket for P.T.O (RU) (Depends on market)
2	202803	4	Bolt
3	290648	4	Spring washer
4	201106	1	Pump mount plate
5	290033	1	Drain plug
6	294023	1	Gear box with double connectors
7	205334	1	Oil level indicator
8	205326	1	Ventilating plug
9	290032	1	Wedge
10	290726	1	Shaft nut
11	205813	1	Drive coupling
12	300157	1	Hydraulic pump
13	292344	1	Gasket ring, pressure face
14	292338	1	Flange connection, pressure face
15	203142	16	Spring washer
16	290713	12	Socket head cap bolt
17	203296	1	Gasket ring
18	204777	1	Adapter
19	290175	1	Hydraulic hose, pressure face
20	290630	4	Socket head cap bolt
21	203297	1	Gasket ring
22	300147	1	Adapter
23	290176	1	Hydraulic hose, suction face
24	292336	1	Flange connection, suction face
25	292344	1	Gasket ring, suction face
26	292596	1	Flange connection
27	205123	1	Flange connection
28	294134	1	Hydraulic pump, ventilator
29	294066	1	Adapter
30	294067	1	Hydraulic hose
31	290654	1	Adapter
32	294072	1	Hydraulic hose

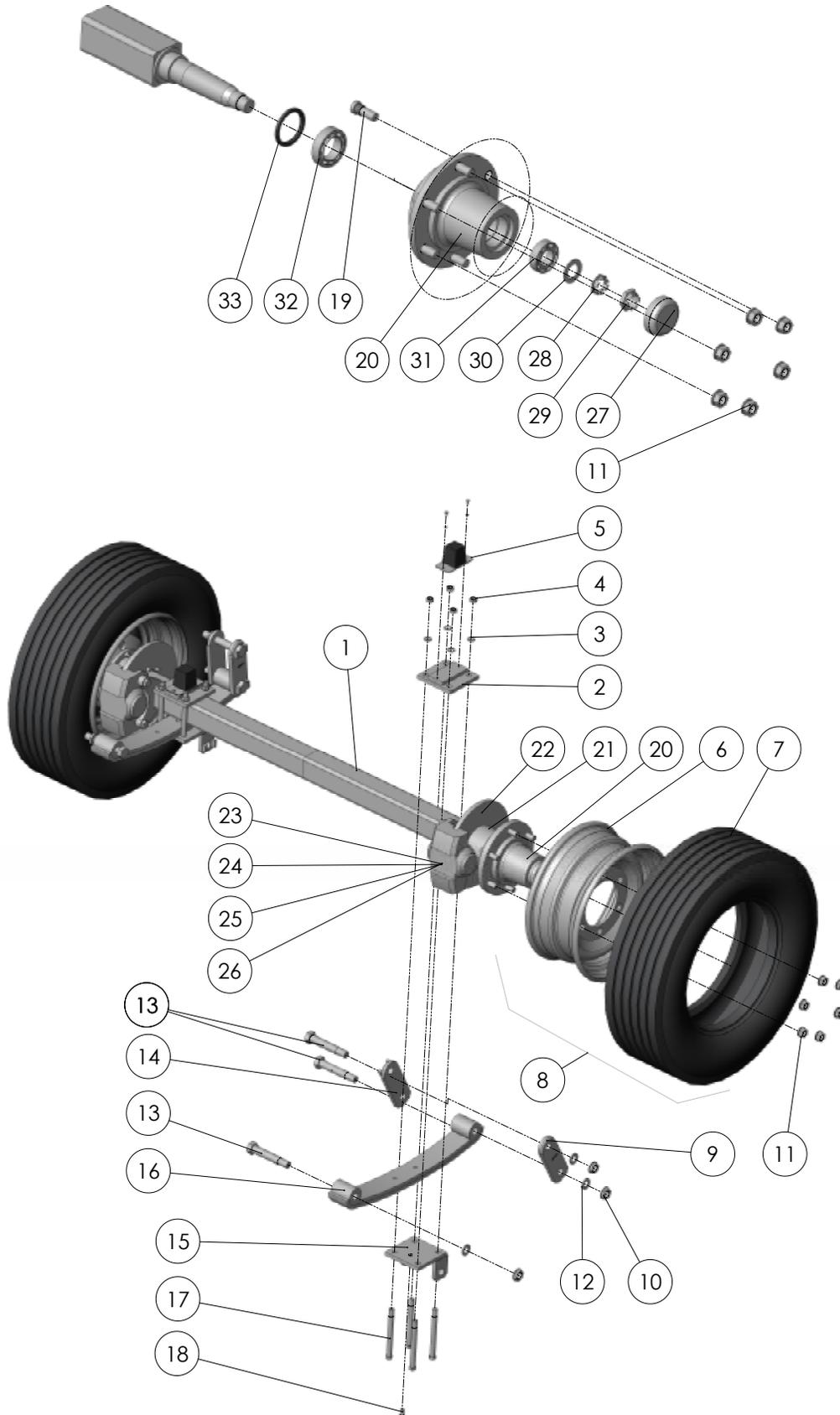
Position	Art No.	Stk	Description
1	292602	1	Non return valve 1/2"
2	252004	1	Valve 12 V DC
3	900171	1	Collar bearing
4	900167	2	Flange connection
5	290826	1	Quick coupling 3/8", connector
6	294029	1	Valve, assembly
7	292317	1	Hydraulic oil filter, assembly
8	292337	1	Hydraulic valve, assembly
9	290056	1	Hydraulic pressure gauge
10	292334	1	Hydraulic valve, rpm main brush
11	290825	2	Quick coupling 3/4", connector
12	500018	4	Hydraulic motor
13	292333	1	Sequence valve
14	292331	2	Hose break valve
15	292836	1	Priority valve 3/4"
16	292330	1	Accumulator
17	292520	1	Oil cooler
18	291201	1	Pressure switch, elevator
19	500027	1	Hydraulic motor
20	250169	1	Valve on/off
21	292866	1	Hydraulic motor, ventilator
22	292598	1	Switch valve 1/2"
23	292599	1	Pressure limiting valve 1/2"
24	290749	1	Non return valve

Option



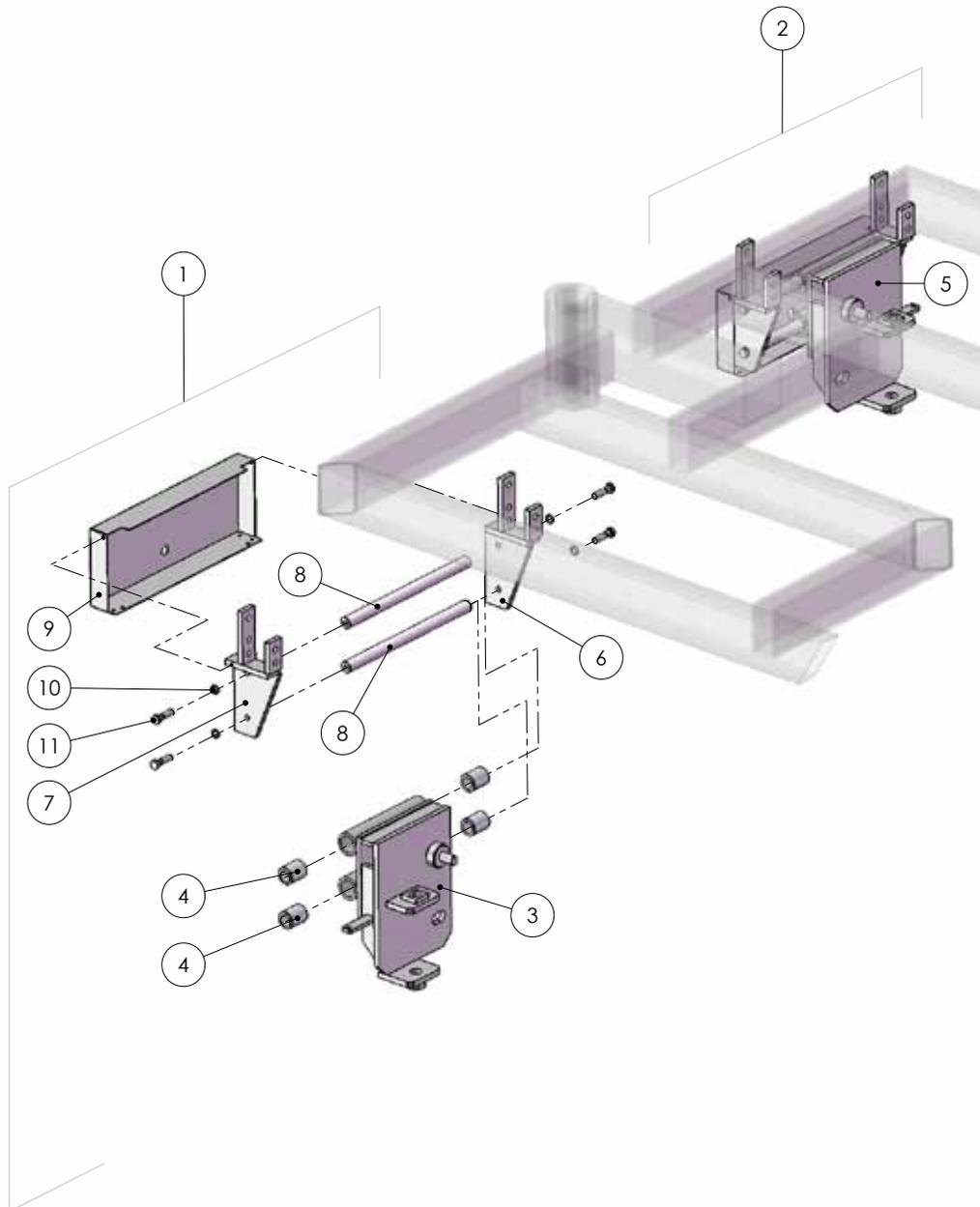
Position	Art No.	Stk	Description
1	294033	2	Bracket, brake cylinder
2	294034	2	Bracket, upper
3	293117	2	Brake cylinder
4	292660	1	Wheel axle, assembly
5	294037	2	Bracket, lower
6	294038	2	Stud
7	292326	2	Hydraulic cylinder
8	294039	1	Wheel axle, tramway
9	294040	2	Tramway wheel, steel
10	203113	2	Plain washer
11	203020	2	Lock nut

Option



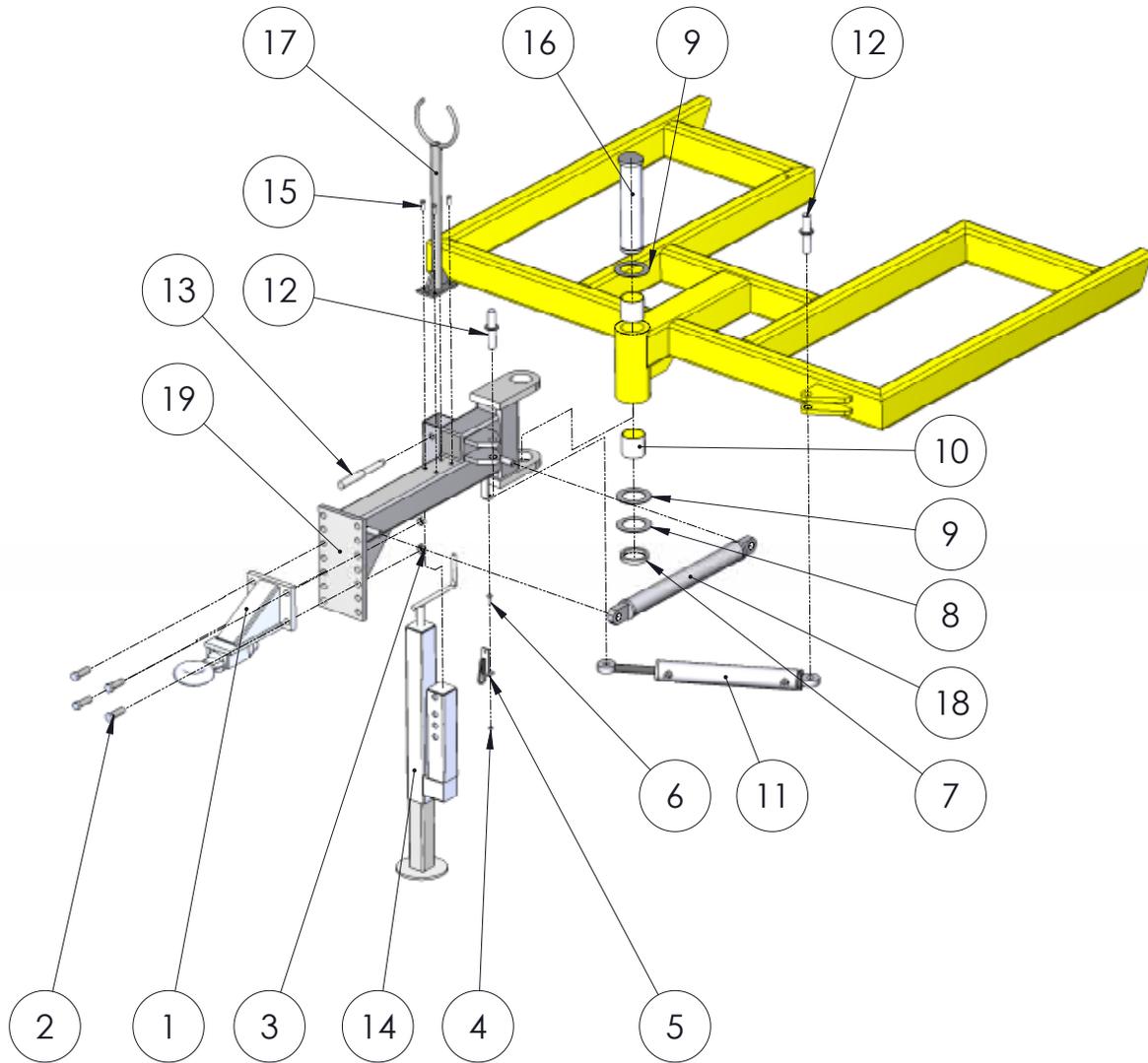
Position	Art No.	Stk	Description
1	206223	1	Wheel axle assembly
2	290143	2	Bracket
3	203097	8	Plain washer
4	203018	8	Lock nut
5	290384	2	Rubber pad
6	290257	2	Rim
7	290258	2	Tyre
8	292071	2	Wheel
9	290857	2	Spring shackle
10	203020	6	Lock nut
11	203634	12	Wheel nut
12	203113	6	Plain washer
13	290317	6	Stud
14	290856	2	Spring shackle
15	290247-01	2	Bracket
16	290255	2	Leaf spring
17	290144	8	Bolt
18	202821	2	Bolt
19	550080	12	Wheel plug
20	550417	2	Nave
21	290823	2	Spacer
22	206343	2	Brake disc
23	552132	1	Brake lining set
24	552135	1	Gasket set
25	290824	2	Brake shoe
26	552134	1	Assembly set
27	550360	2	Hub cap
28	550370	2	Nut
29	550380	2	Washer
30	550390	2	Wear washer
31	206332	2	Bearing, outer
32	206333	2	Bearing, inner
33	206334	2	Gasket

Option



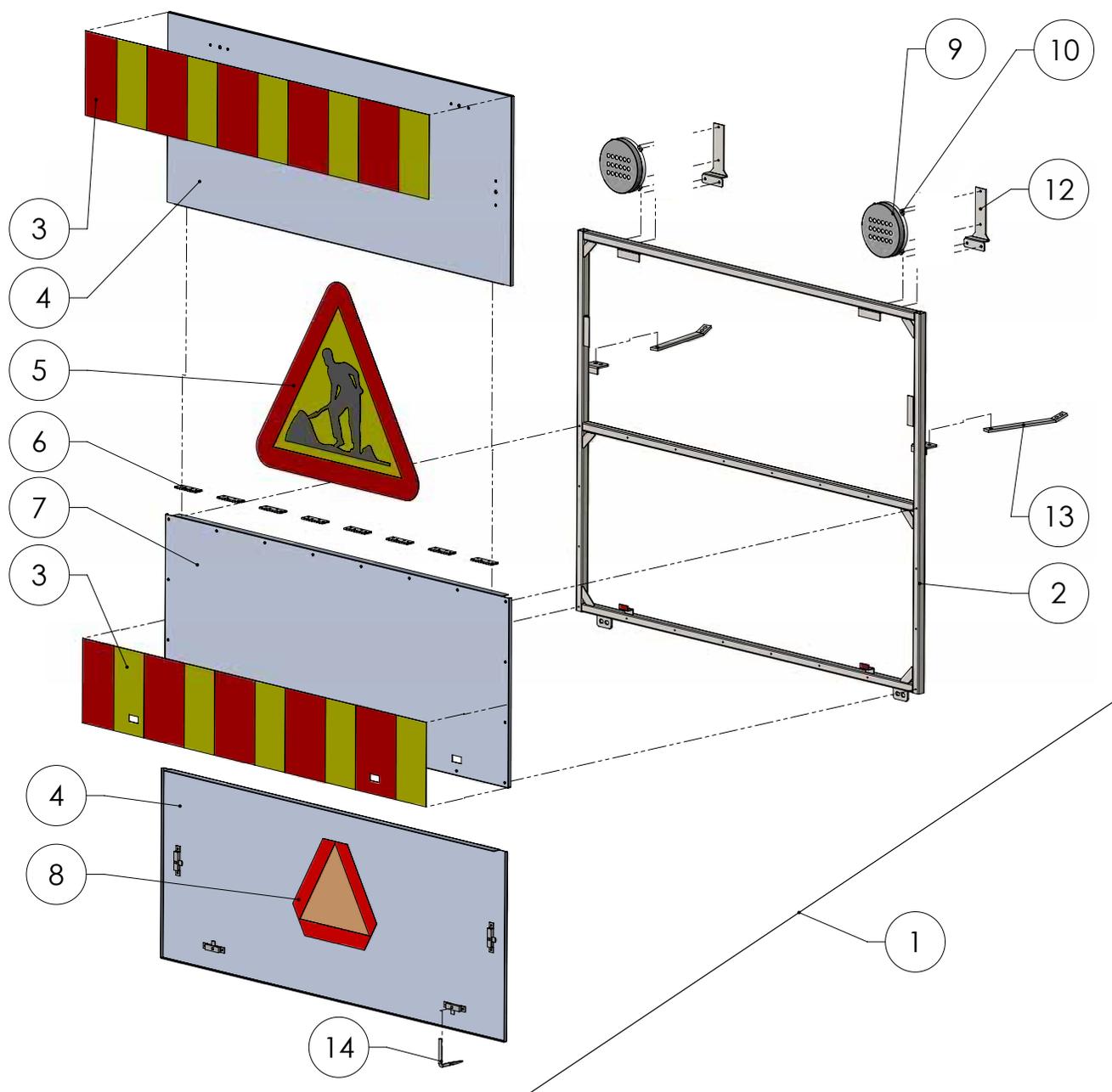
Position	Art No.	Stk	Description
1	293033	1	"Side shift" left, assembly
2	293034	1	"Side shift" right, assembly
3	293035	1	Bracket, left
4	290281	8	Bushing
5	293036	1	Bracket, right
6	293037	2	Bracket, right
7	293038	2	Bracket, left
8	293039	4	Sliding shaft
9	293040	2	Protecting cover
10	290648	8	Spring washer M12
11	202804	8	Bolt

Option



Position	Art No.	Stk	Description
1	292185	1	Towing eyelet
2	251933	4	Bolt
3	290683	4	Nut
4	203012	4	Nut
5	292092	2	Bracket, string collector
6	202770	2	Bolt
7	203210	1	Nut
8	203212	1	Plain washer
9	291145	2	Gliding washer
10	290504	2	Bushing
11	292328	1	Hydraulic cylinder
12	292446	2	Stud
13	292197	1	Stud
14	294080	1	Parking support leg
15	202770	4	Bolt
16	292152	1	Stud
17	292196	1	Holding device, hydraulic hoses
18	292153	1	Security bar
19	292037	1	Draw bar

Option



Position	Art No.	Stk	Description
1	293213	1	Warning board, foldable assembly
2	293218	1	Frame to warning board
3	293216	2	Fluorescent reflector X2, adhesive
4	293219	1	Upper board, warning board
5	293215	1	Warning sign A20 adhesive
6	293222	8	Hinge, warning board
7	293220	1	Lower board, warning board
8	203936-02	1	Warning triangle, slow vehicle, adhesive
9	293217	2	LED flashlight
10	293224	2	Backplate
12	293223	2	Mount for LED flashlight #293217
13	293221	2	Upper mount warning board
14	900747	1	Key to side door

Brodd Sweden AB:s Warranty Conditions

Warranty period

The warranty commitment expires when the machine becomes 24 months old, counting from the date of delivery, or after 2,000 operating hours, whichever occurs first.

A replaced or repaired product shall take over the remainder of the original warranty period or a 3-month warranty period from the time of replacement, whichever is longer.

Conditions for validity of warranty

The warranty shall only apply on the condition that the service, maintenance and operating recommendations of Brodd Sweden AB have been duly observed throughout the warranty period and that service protocols from the service book have been immediately dispatched to Brodd Sweden AB following each service intervention. Only service engineers and repair shops authorized by Brodd Sweden AB are allowed to perform this service. All parts used in the course of service and repairs must be genuine spare parts from Brodd Sweden AB.

Service work on engines must be done in accordance with the recommendations of the engine manufacturer and by workshops authorized by the engine manufacturer.

The warranty becomes void if the product has been modified or redesigned without written permission from Brodd Sweden AB.

Exceptions

The warranty does not cover faults due to:

- Normal wear and tear
- Necessary measures not having been implemented to remedy or prevent a possible fault or damage that has been or should have been detected
- Use of the product in a manner it has not been designed or dimensioned for
- Neglective care of the product
- The maintenance or operating instructions not having been observed or adhered to
- The product not having been used with general prudence
- Non-existent, insufficient or incorrect maintenance

The warranty does not cover wear parts or consumables such as filters, tyres, collector shoe rubbers, driving teeth, light bulbs and similar parts. Neither does it cover what can normally be referred to as normal wear and tear, corrosion or damage caused by impacts or accidents.

The warranty only covers faults due to defective materials, incorrect workmanship or design faults.

The warranty does not cover any consequential damage as a result of defects in the supplied product.

Warranty claims

Any warranty claims shall be made by filling in the warranty claim form from Brodd Sweden AB. All requested information in the form must be included prior to submitting the form to Brodd Sweden AB. The customer must be able to present information, receipts, certificates and other documents upon request. Upon receipt of an incomplete warranty claim, Brodd Sweden may elect to neglect it, request supplementary information or to execute the warranty.

To make a valid warranty claim, the customer must be able to:

- Present the warranty certificate supplied with the product
- Present the warranty claim within the applicable warranty period of the product
- Verify the valid warranty with a purchase receipt
- Prove that the fault is covered by the warranty
- Submit a clear description of the fault and the reason for this
- Ensure the product reaches Brodd Sweden AB prior to the expiration of the warranty period

In case of a valid warranty claim, Brodd Sweden AB shall perform its own evaluation of whether the defective product will be repaired, replaced by a corresponding replacement product or credited. When a product is replaced or credited, the replaced product becomes the property of the customer, while the replaced or credited product becomes the property of Brodd Sweden AB.

Any product submitted to Brodd Sweden AB must be in carefully cleaned condition. If not, cleaning charges may be charged to the customer.

No compensation will be made for faults not covered by the warranty.

Expenses

Brodd Sweden AB does not cover any cost of labour for the repairs/replacements, but only the claimed product. This excludes design faults in which case Brodd Sweden AB also will cover the cost of labour to remedy the fault.

The product must be turned over or sent to Brodd Sweden AB or to a site as directed by Brodd Sweden AB. The customer shall arrange transport at his own expense and risk. In case of a valid warranty claim, Brodd Sweden will cover return dispatch to the customer. In case of an invalid warranty claim, the expenses for return transport to the customer will be charged.

If the fault cannot be detected during a warranty claim as a result of insufficient documentation or if the product is not defective, or if the warranty has expired or is invalid, a handling fee for work performed, inspection outlays and handling may be charged.

The customer shall under no circumstances be entitled to compensation for financial losses or injuries in connection with a fault/defect. The customer is neither entitled to compensation for any other property than the product itself.