
Manual Part # 99904990

14/98SL K3 Refuse Loader Spare Parts

Revised 20141008



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Revisions

DATE	LOCATION	DESCRIPTION
20101116	99904914, 99904921	ECN 11342, 11330 - UPDATES TO INSTALLATION KIT, HYD/PNEUMATIC SYSTEM PARTS
20110329	53302245	ADDED PARTS FOR STABILIZER CYLINDER WITH SWING-UP MECHANISM (53302245)
20110601	Stabilizer Section, 99904918	ADDED ADDITIONAL STABILIZER ASSEMBLY SPARE PARTS; ECN 11486, 11491 – CHANGES TO PLATFORM ASM
20110822	53321010	UPDATE REMOTE CONTROL PART NUMBER
20120110	99904918, 99904937, 99904646	ECN 11628 – UPDATED STABILIZER WORDING.
20120816	53303510, 53303520	ADDED EXT CYL II AND III INCL FITTINGS.
20130606	99904921	ADDED ITEM 47 TO PARTS LIST PER ENGINEERING
20141008	53301800	UPDATE TO SHOW CORRECT DRAWING

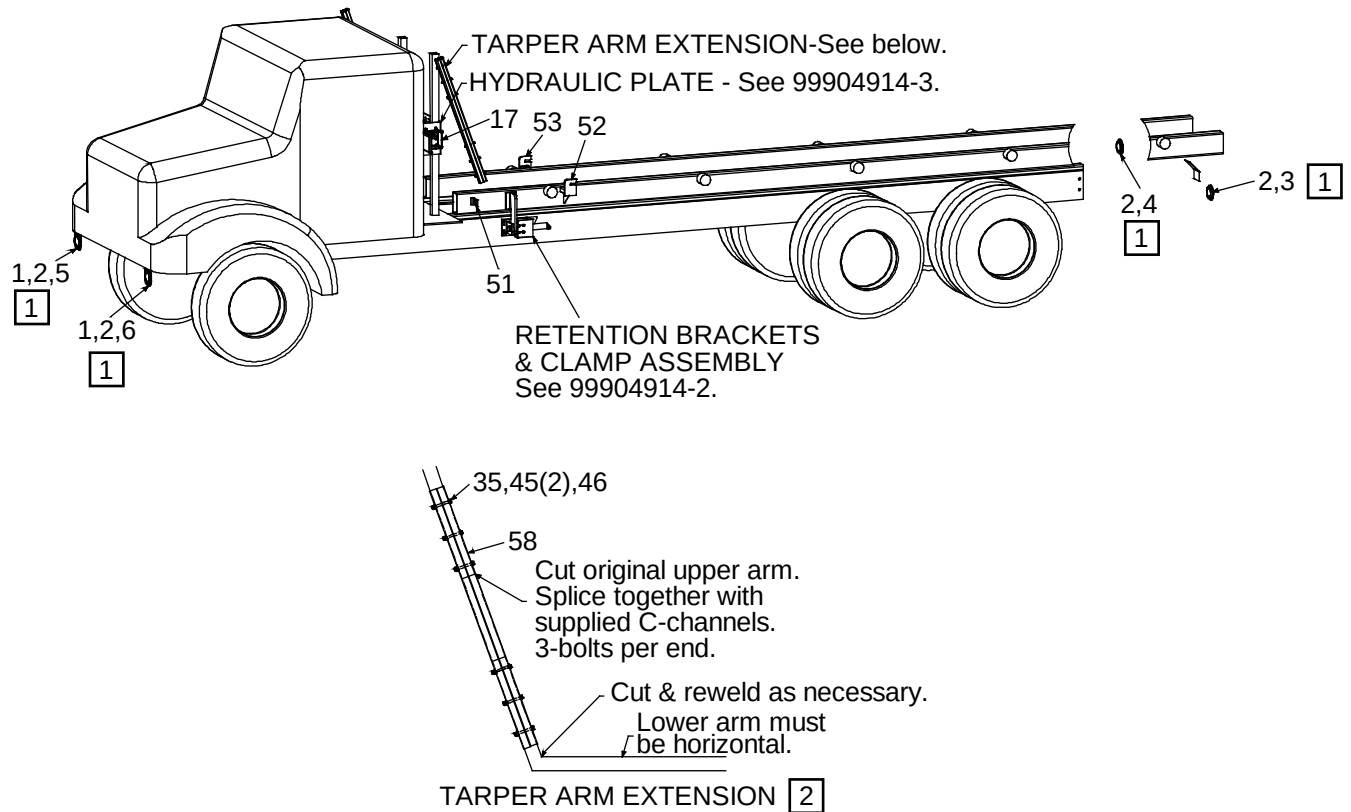
CHAPTER 1

Refuse System Replacement Parts

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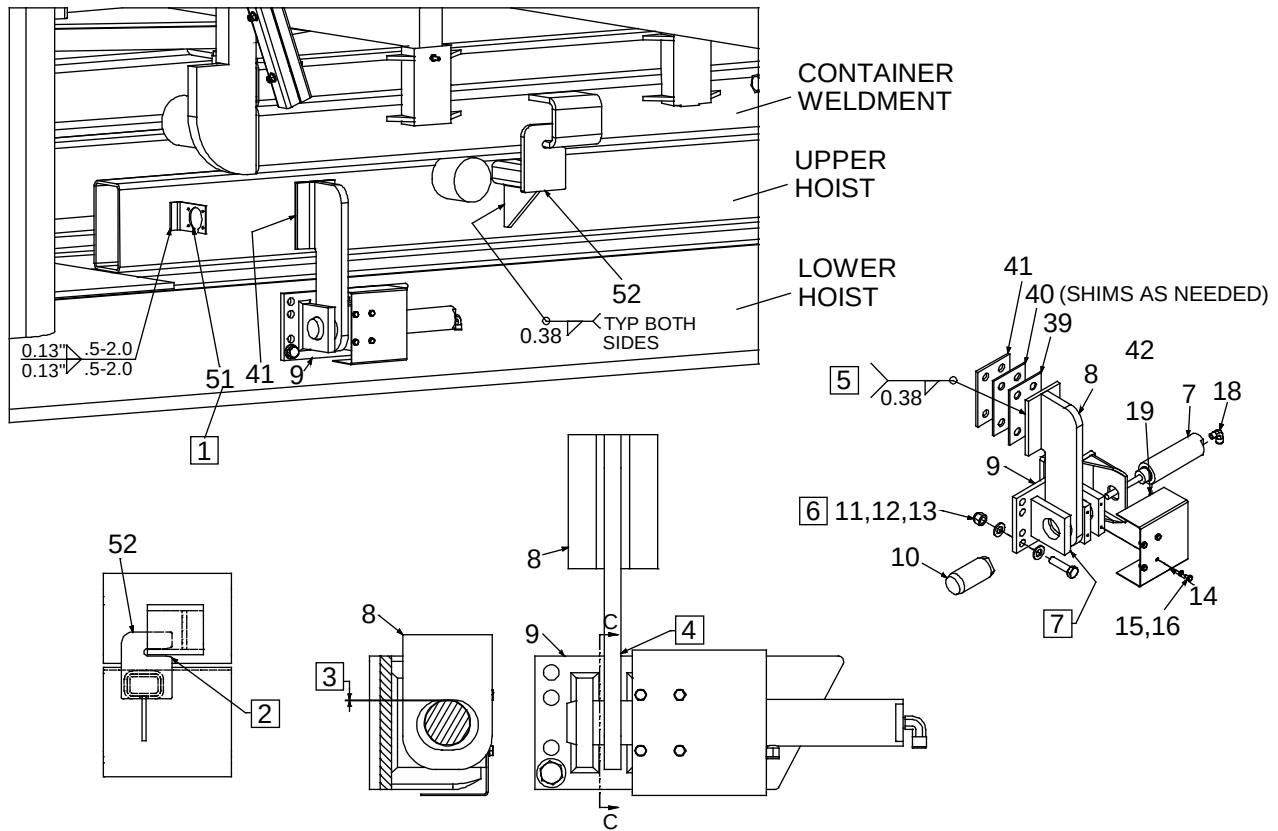
Installation Drawing (99904914)



NOTES (SEE REFERENCE NUMBER IN BOX):

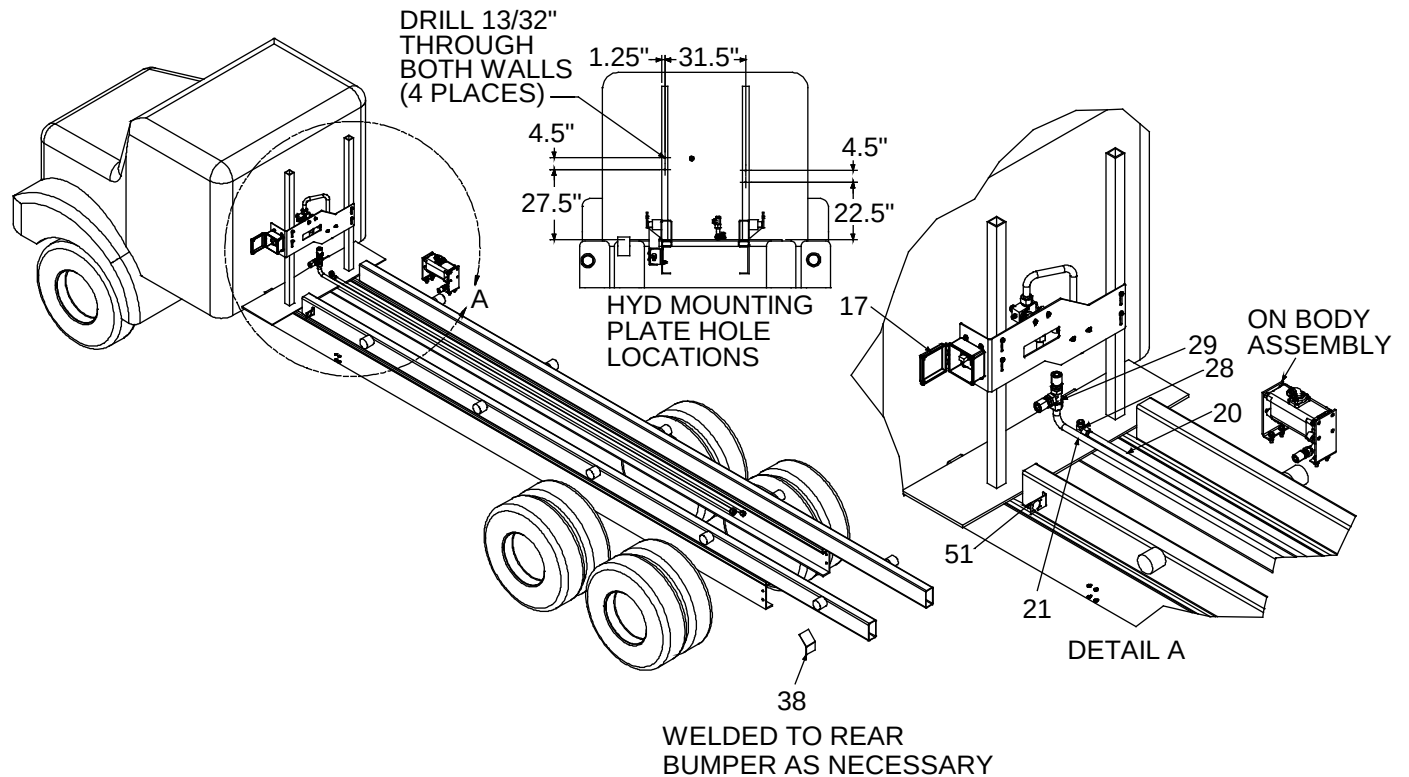
- 1** STROBE LIGHTS ARE STAMPED WITH PART NUMBERS. SEE PARTS LIST FOR PROPER LOCATIONS. POSITION BRACKETS AS NECESSARY.
- 2** UPPER ARMS ARE STRETCHED AND LOWER JOINT ANGLE IS INCREASED TO ALLOW TARP TO REST IN ORIGINAL CRADLE, WHILE LOWER ARMS ARE HORIZONTAL.

99904914-2 DRAWING

**NOTES (SEE REFERENCE NUMBER IN BOX):**

- 1 POSITION AT FRONT OF CONTAINER.
- 2 POSITION CONTAINER RESTRAINT BRACKET ON HOIST TO BE CENTERED AROUND POCKET ON CONTAINER.
- 3 0.03" GAP BETWEEN HOLE IN UPPER PLATE AND TOP OF PLUNGER.
- 4 CENTER LOWER BRACKET AROUND UPPER BRACKET FOR PROPER ENGAGEMENT. VERIFY HOIST AND CONTAINER ENGAGEMENT BEFORE WELDING. CAUTION - EXCESSIVE WEAR IN COMPONENTS WILL CAUSE MISALIGNMENT.
- 5 TO HOIST TUBES, INCLUDING ANY SHIMS IF PRESENT. USE MULTIPLE PASSES IF NECESSARY.
- 6 MINIMUM 4 PLACES. USE WIDEST SPREAD POSSIBLE. DRILL 0.88" HOLES AS NECESSARY. TORQUE TO 160 FT-LB (22.1 KG-M).
- 7 ASSEMBLY TYPICAL FOR BOTH SIDES OF CHASSIS. CYLINDER MOUNTING PLATE MAY BE REVERSED.

99904914-4 DRAWING



99904914 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60135237	BRACKET-LIGHT	4" ROUND	2
2.	76392275	GROMMET-RUBBER TAIL LIGHT	4"	4
3.	77040553	LIGHT-STROBE SMART AMBER	4in LH #2	1
4.	77040554	LIGHT-STROBE SMART AMBER	4in RH #1	1
5.	77040562	LIGHT-STROBE SMART AMBER	4in RH #3	1
6.	77040561	LIGHT-STROBE SMART AMBER	4in LH #4	1
7.	73540411	CYLINDER-AIR	1.06B 1.00S REV SNGL	2
8.	52723016	WELDMENT-BRACKET LATCH BODY		2
9.	52723017	WELDMENT-BRACKET LATCH CHASSIS		2
10.	60135716	PLUNGER-LATCH		2
11.	72063119	WASHER	.62 FLAT ASTM F436	16
12.	72601482	CAP SCREW	.62-11X 2.50 HH GR8 Z	8
13.	72601859	NUT	.62-11 HEX ZINC NYLOK GR8	8
14.	60135720	GUARD-CYLINDER		2
15.	72063049	WASHER	.25 LOCK	8
16.	72060000	CAP SCREW	.25-20X .50 HH GR5 Z	8
17.	51723032	CONTROL BOX		1
18.	72533700	PUSH LOCK FITTING	ELBOW .38 DOT X .25 MPT	1
19.	72533698	PUSH LOCK FITTING	.38 DOT X .25 MPT	1

99904914 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
20.	71414181	TUBE ASSEMBLY-HYDRAULIC	1.00 O.D. X 216.00 CHASSIS PRESSURE	1
21.	71414182	TUBE ASSEMBLY-HYDRAULIC	1.25 O.D. X 220.00 CHASSIS RETURN	1
22.	71414189	TUBE ASSEMBLY-HYDRAULIC	1.25 O.D. X 9.38 X 10.38	1
23.	71414190	TUBE ASSEMBLY-HYDRAULIC	1.25 O.D. X 5.00 X 5.00	1
24.	73540408	VALVE-ASSEMBLY-PRIORITY FLOW CONTROL	28 GPM	1
25.	72053392	PLUG-PIPE SOC	HEX STL .25	1
26.	72532370	ADAPTER	M STR/M JIC 16 16	3
27.	72534749	ADAPTER	M STR/M JIC 20 20	1
28.	72534750	ELBOW	M JIC/90/M JIC 16 16	1
29.	72534756	TEE	MALE JIC 1.62-12 1.25 TUBE	1
30.	72534757	TEE	MSTR THD RUN 20	1
31.	73540412	VALVE-SELECTOR	2 POSITION 60GPM 1.00	1
33.	73540413	VALVE-RELIEF	60 GPM 300-3000PSI	1
34.	72534739	PUSH LOCK FITTING	ELBOW .38 DOT X .12 MPT	2
35.	72062103	NUT	.38-16 HEX NYLOCK	20
36.	72534748	UNION	M STR/M STR 16 16 SWVL	1
38.	60136134	GUARD-FENDER		1
39.	60136135	SHIM-CLAMP MOUNT	10GA	A/R
40.	60136136	SHIM-CLAMP MOUNT	0.19	A/R
41.	60136137	SHIM-CLAMP MOUNT	0.25	A/R
42.	60136113	SPACER PLATE-CYLINDER MOUNT		A/R
43.	60135856	PLATE-HYDRAULIC MOUNT		1
44.	72060053	CAP SCREW	.38-16X 2.75 HH GR5	2
45.	72063003	WASHER	.38 FLAT	40
46.	72060055	CAP SCREW	.38-16X 3.50 HH GR5 Z	16
47.	72060924	CAP SCREW	.38-16X 4.25 HH GR5 Z	2
48.	72060004	CAP SCREW	.25-20X 1.00 HH GR5 Z	4
49.	72063001	WASHER	.25 FLAT	8
50.	72062104	NUT	.25-20 HEX NYLOCK	4
51.	60136142	BRACKET-HARNESS MOUNTING		1
52.	52723183	GUIDE-BODY	LEFT HAND	1
53.	52723182	GUIDE-BODY	RIGHT HAND	1
55.	72053517	ADAPTER	MPT/HEX/MPT .25 .25	1
56.	72532287	NIPPLE-DISC	.25FPT STL HNV-14-M	1
57.	72534758	CAP-DUST	FOR 72532287	1
58.	60135615	EXTENSION-TARPER ARM		4
59.	60136511	ADAPTER	M STR/M JIC 16 20	2
60.	70034525	TIE-PLASTIC	.50W DBL ENDED-BUTTERFLY	8
REV B 20110831				

Refuse Container with Loader Lights

The amber strobe lights are unique per corner. The master light, located at the right rear of the vehicle, includes a computer which controls the other three lights. When ordering replacement strobe lights, check the back of the light for the ID number, which is stamped after the number and the dash on the back of the strobe.



LEFT REAR
STROBE LIGHT

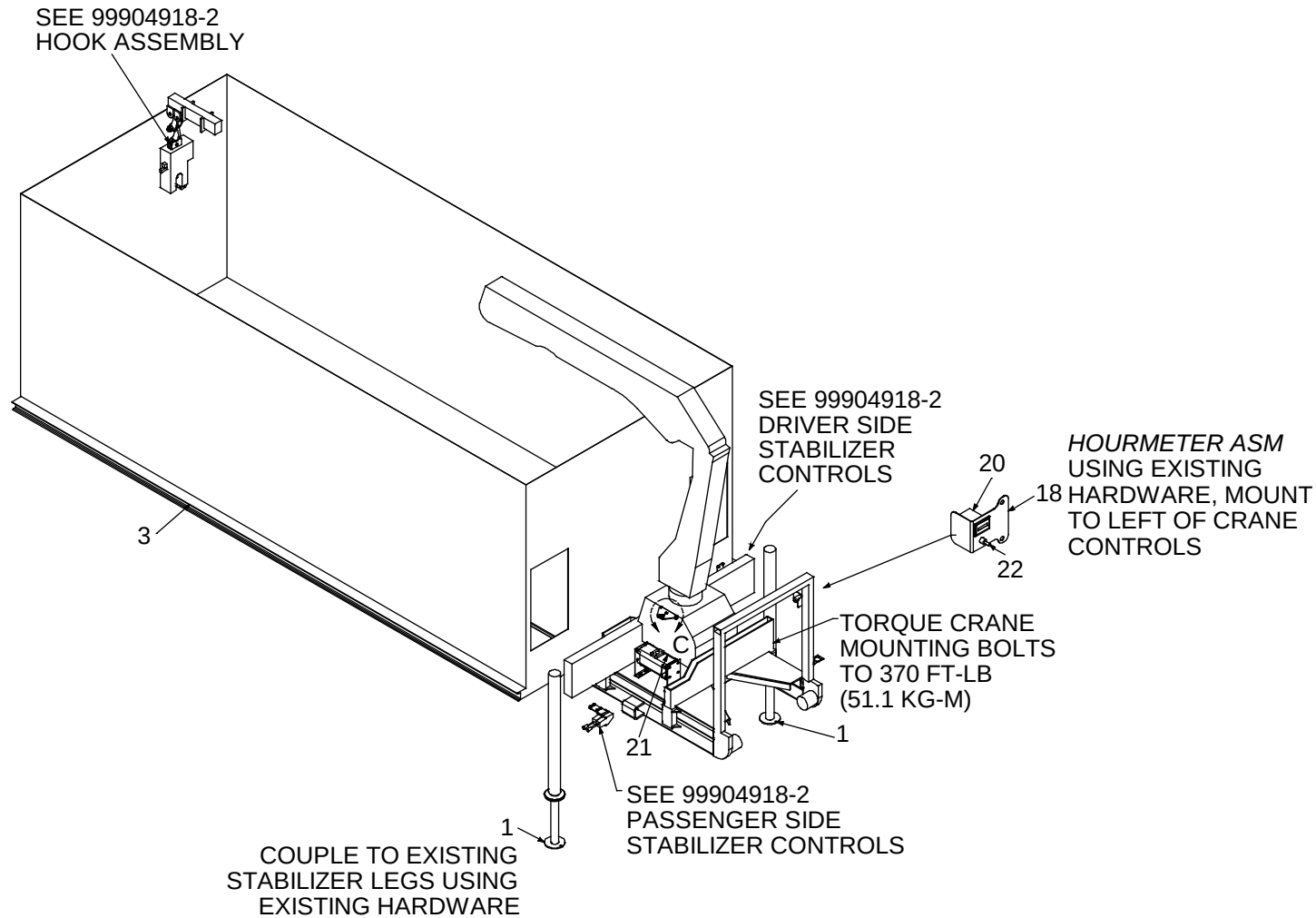


RIGHT FRONT
STROBE LIGHT

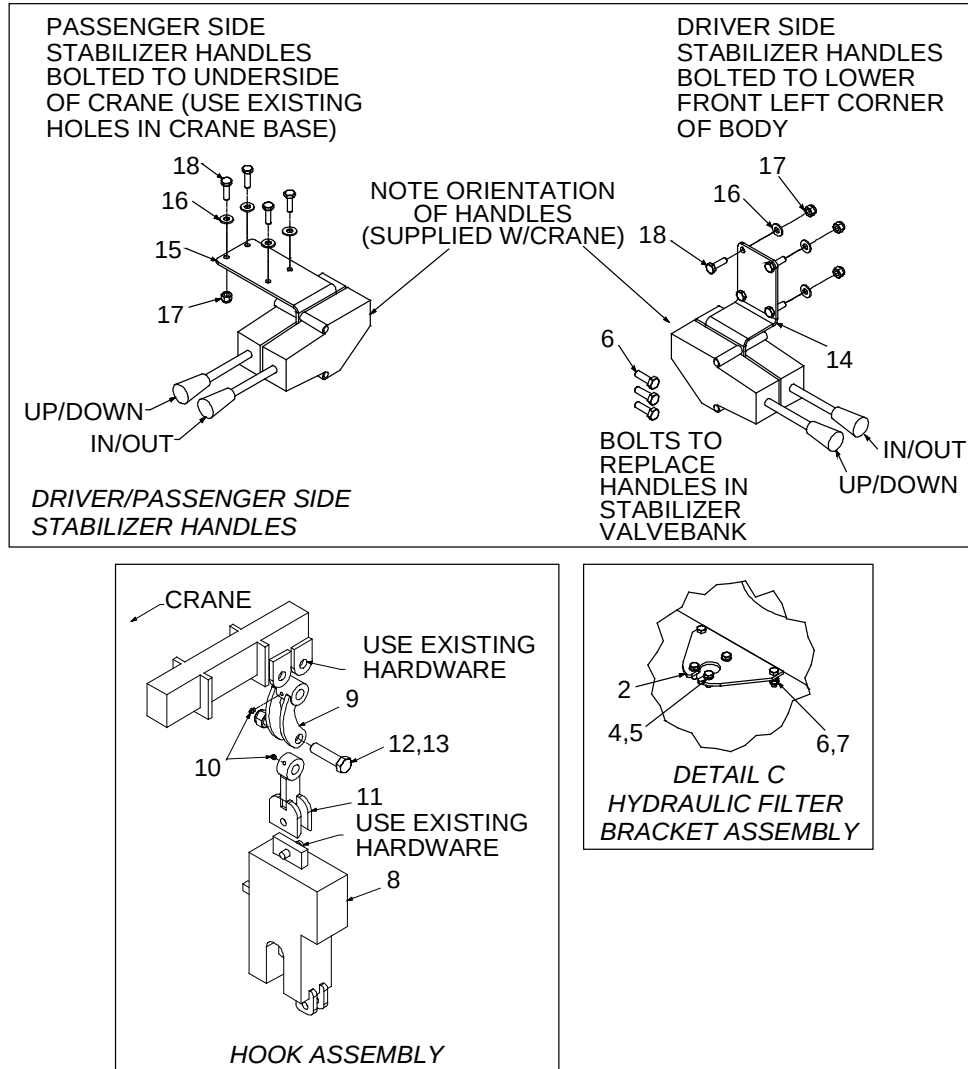
The replacement light part numbers are:

LOCATION	LIGHT ID #	LIGHT PART NUMBER
Right Rear (Master)	# 1	77040554
Left Rear	# 2	77040553
Right Front	# 3	77040562
Left Front	# 4	77040561

Platform Assembly (99904918)



99904918-2 DRAWING

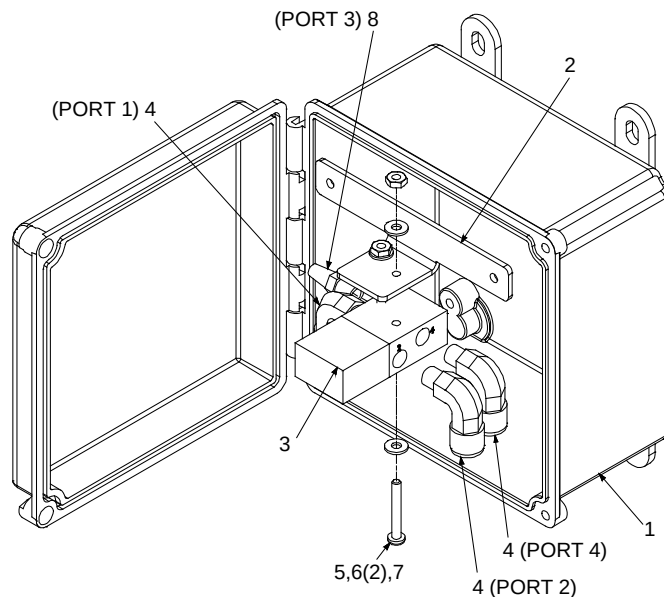


99904918 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	52724129	STABILIZER FOOT-WELDMENT		2
2.	60135030	BRACKET-HYD FILTER		1
3.	70734539	CONTAINER-ROLL OFF	18FT 30YD I-O HOIST	1
4.	72601797	WASHER	LOCK 8MM	3
5.	72601278	CAP SCREW	M 8-1.25X 20 HHZ	3
6.	72602031	CAP SCREW	M 8-1.25X 25 HH SS	5
7.	72601952	NUT	M 8 X 1.25 HEX NYLOC ZINC	2
8.	71413858	CLAMP-LIFTING ELECTRIC RELEASE	2.5T	1
9.	52722767	LINK-GRAPPLE UPPER		1
10.	72053508	ZERK	NPT .12	2
11.	52724123	LINK-GRAPPLE LOWER STRAIGHT		1

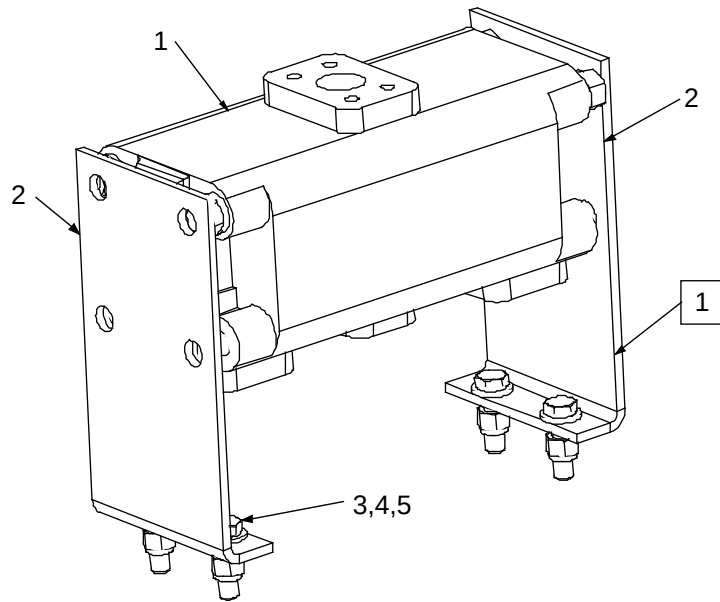
99904918 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
12.	72060246	CAP SCREW	1.00- 8X 4.00 HH GR5 Z	1
13.	72062137	NUT	1.00-8 HEX NYLOCK	1
14.	60135417	BRACKET- VALVE BANK STAB LH		1
15.	60135416	BRACKET- VALVE BANK STAB RH		1
16.	72063001	WASHER	.25 FLAT	8
17.	72062104	NUT	.25-20 HEX NYLOCK	8
18.	72060003	CAP SCREW	.25-20X .88 HH GR5 Z	8
19.	60135499	BRACKET-HOUR METER 14 TM		1
20.	70733496	HOUR METER-PUSH LOCK MOUNTING		1
21.	51723031	MANIFOLD ASSEMBLY		1
22.	77040373	SWITCH-TOGGLE SPST RING TERM		1
23.	70034525	TIE-PLASTIC	.50W DBL ENDED-BUTTERFLY	8
REV D 20110830				

Control Box (51723032)



51723032 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	77044902	BOX, JIC W/ FIBERGLASS HINGES	6" HIGH X 6" WIDE X 4" DP	1
2.	60136112	BRACKET, VALVE MOUNT		1
3.	73540410	VALVE-SOLENOID	4-WAY 12V .13 NPT	1
4.	72534739	PUSH-LOCK FITTING ELBOW	.38 DOT X .12 MPT	3
5.	72602053	SCREW-MACHINERY	#8-32 X 1.25 RDH PHILLIPS	2
6.	72063271	WASHER	#8 W FLAT ANSI B27.2Z	4
7.	72062093	NUT	#8-32 HEX ZINC	2
8.	71414202	MUFFLER-AIR	1/8 NPT SINTERED BRONZE	1

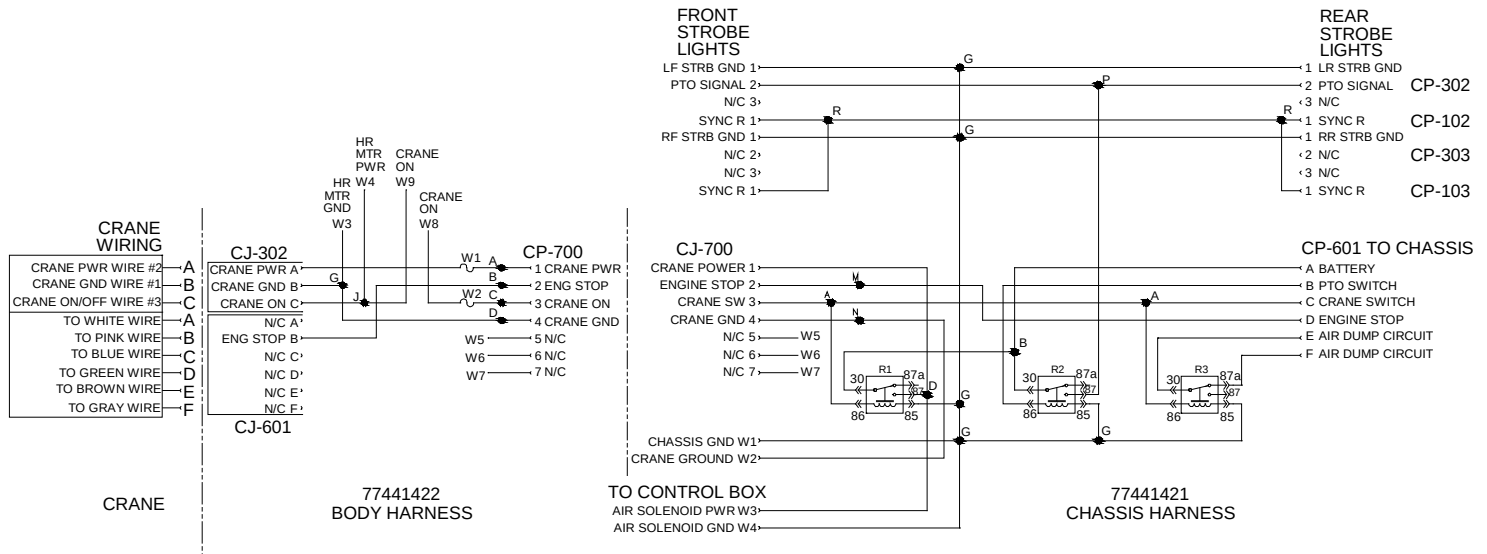
Manifold Assembly (51723031)

**NOTES:**

- 1 MOUNT USING EXISTING HARDWARE. REMOVE EXISTING BRACKETS AND ADD NEW BRACKETS AS SHOWN. ONLY TWO STUDS WILL BE USED TO MOUNT THE NEW BRACKET. HOLES IN THE BRACKET WILL FIT OVER THE OTHER STUDS, BUT NO CONNECTION WILL BE MADE.

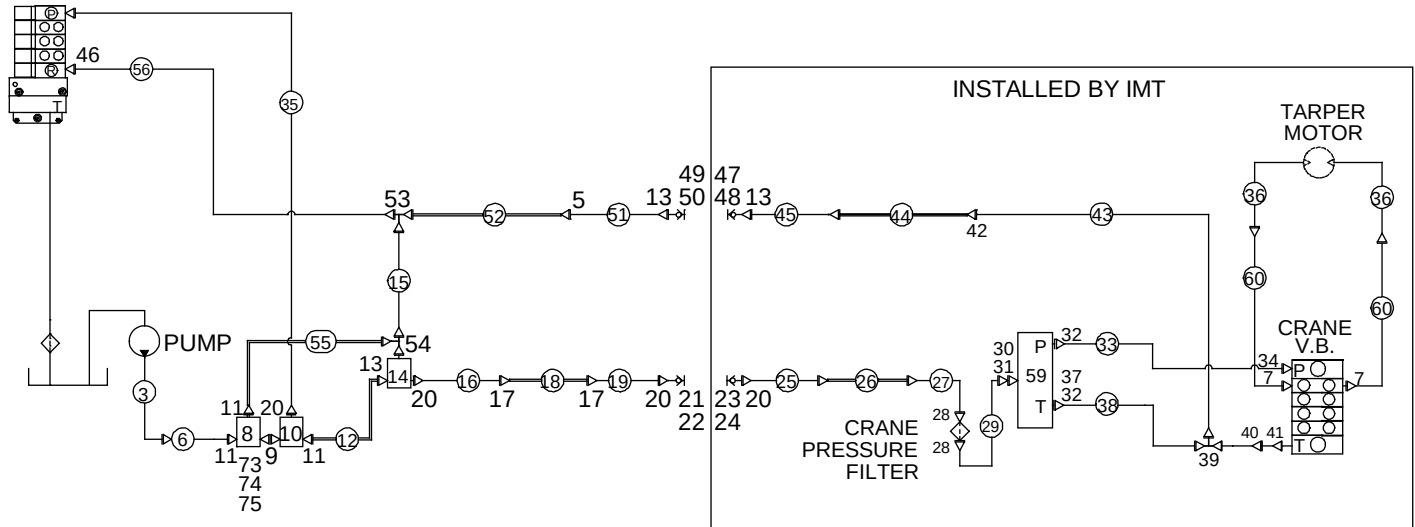
51723031 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	73540406	FLOW DIVIDER		1
2.	60135737	BRACKET-FLOW DIVIDER		2
3.	72063005	WASHER	.50 FLAT	4
4.	72062080	NUT	.50-13 HEX NYLOCK	4
5.	72060094	CAP SCREW	.50-13X 1.75 HH GR5 Z	4
NEW 20101001				

Wiring Diagram (99904919)



Hydraulic System (99904921)

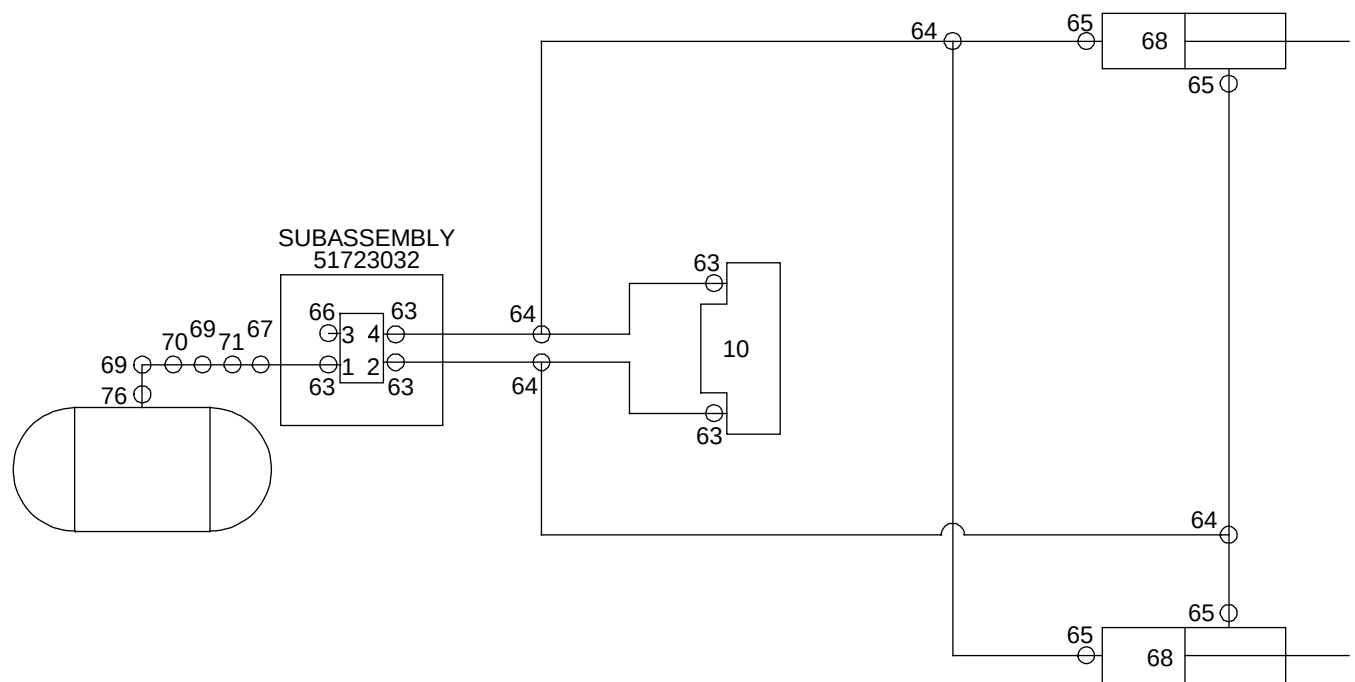
99904921 HYDRAULIC LAYOUT



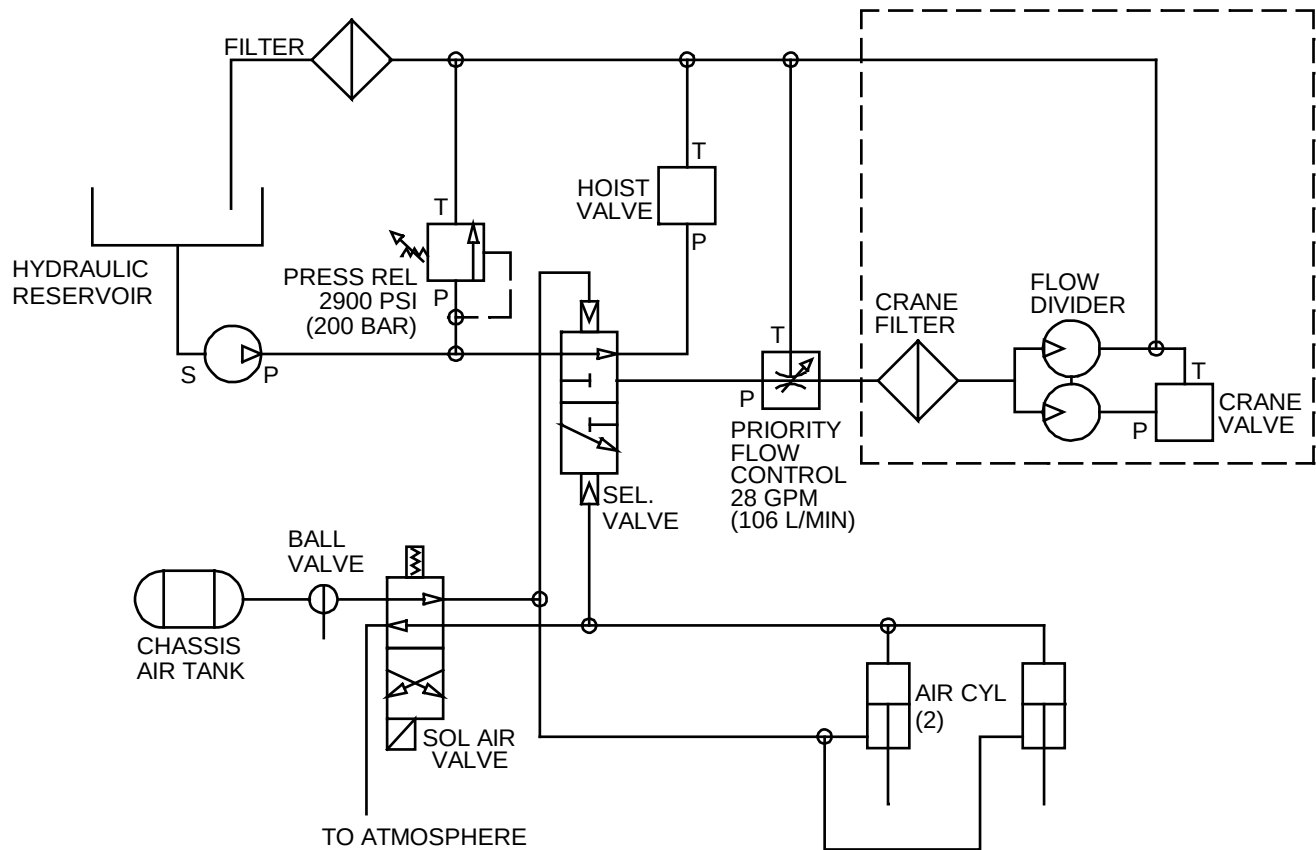
99904921 PNEUMATIC LAYOUT

NOTES:

- 1 USE SECONDARY AIR SYSTEM WHEN POSSIBLE.
- 2 USE ONLY DOT-APPROVED AIR FITTINGS.



99904921 SCHEMATIC



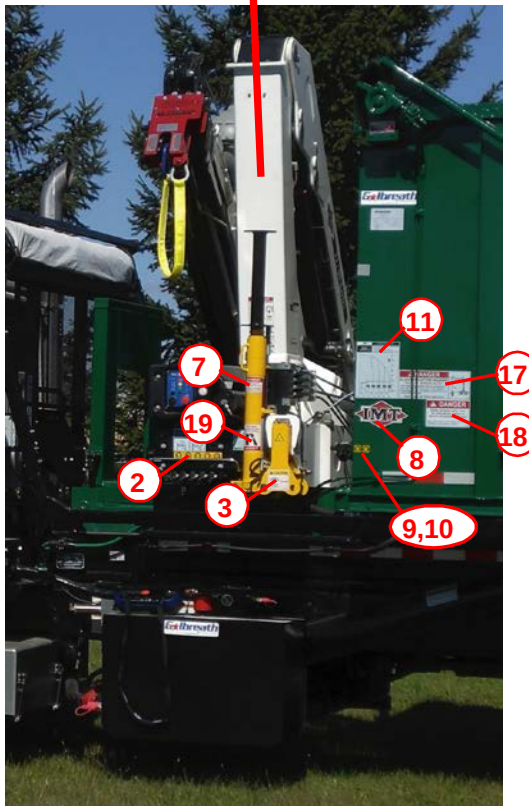
99904921 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
1.	91723049	KIT-HYDRAULIC SHIPOUT		REF	REF
2.	91723097	KIT-HYDRAULIC INSTALL		REF	REF
3.	N/A	EXISTING HOSE FROM PUMP	(1" OR 1 1/4")	REF	REF
4.	-	-		-	-
5.	72534746	ADAPTER	M JIC/M JIC 20 20	1	1
6.	51399010	HOSE	AAJ 1.00 X 23.00 (16-16) 100R12	1	1
7.	72534713	ADAPTER	M BSPP/M JIC 8 6	2	2
8.	73540413	VALVE-RELIEF	60 GPM 300-3000PSI	N/A	1
9.	72534748	UNION	M STR/M STR 16 16	1	1
10.	73540412	VALVE-SELECTOR	2POS 60GPM 1.00	1	1
11.	60136511	ADAPTER	M STR/M JIC 16 20	1	2
12.	71414190	TUBE ASSEMBLY	HYDRAULIC 1.25 O.D. X 5.00 X 5.00	N/A	1
13.	72534749	ADAPTER	M STR/M JIC 20 20	1	1
14.	73540408	PRIORITY FLOW CONTROL		N/A	1
15.	51399025	HOSE	FJ 1.25 X 18.5 (20-20) 100R4	1	1
16.	51399012	HOSE	FF 1.00 X 19.00 (16-16) 100R17	1	1
17.	72534750	ELBOW	M JIC/90/M JIC 16 16	1	2
18.	71414181	TUBE ASSEMBLY-HYDRAULIC	1.00X216.00 CHASS PRESS	N/A .	1 .
19.	51399013	HOSE	FJ 1.00 X 32.50 (16-16) 100R17	1	1
20.	72532370	ADAPTER	M STR/M JIC 16 16	1 & 2	5
21.	72534647	QUICK DISCONNECT	16 SOCKET-FEMALE	N/A	1
22.	77041835	CAP-QUICK DISCONNECT	16 SOCKET	N/A	1
23.	72534648	QUICK DISCONNECT	16 PLUG-MALE	N/A	1
24.	77041834	CAP-QUICK DISCONNECT	16 PLUG	N/A	1
25.	51399024	HOSE	AAF 1.00 X 52.00 (16-16) 100R17	2	1
26.	71414183	TUBE ASSEMBLY-HYDRAULIC	1.00X146.00 CONT PRESS	N/A	1
27.	51399014	HOSE	AAJ 1.00 X 87.50 (16-16) 100R17	2	1
28.	72534762	ADAPTER	M BSPP/M JIC 16 16	2	2
29.	51399015	HOSE	FJ 1.00 X 16.00 (16-16) 100R17	2	1
30.	72534752	ELBOW	FLANGE/M JIC 20 16	2	1
31.	N/A	FLANGE KIT	SAE 20 (METRIC BOLTS)	59	1
32.	N/A	FLANGE KIT	SAE 16 (METRIC BOLTS)	59	2
33.	51399016	HOSE	BBEE 0.75X 56.00 (12-16) 100R13	2	1
34.	72534753	ADAPTER	M BSPP/M FACE 12 12	2	2
35.	51399011	HOSE	FF 1.00 X 43.00 (16-16) 100R12	1	1
36.	N/A	EXISTING HYDRAULIC TUBING ON CONTAINER		.	.
37.	72534755	ELBOW	FLANGE/M JIC 16 16	2	1
38.	51399017	HOSE	FJ 1.00 X 41.00 (16-16) 100R4	2	1
39.	72533000	TEE	SWIVEL NUT RUN JIC 16	2	1
40.	72534449	ADAPTER	M JIC/F JIC 16 12	2	1
41.	72534599	ADAPTER	M JIC/MM 12 20 SW	2	1
42.	72534754	ADAPTER	M JIC/F JIC 20 16	2	1
43.	51399018	HOSE	AAJ 1.00 X 36.50 (16-16) 100R4	2	1
44.	71414184	TUBE ASSEMBLY-HYDRAULIC	1.25X146.00 CONT RETURN	N/A	1

99904921 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
45.	51399019	HOSE	AAF 1.25 X 53.00 (20-20) 100R4	2	1
46.	72534747	ELBOW	M STR/90/M JIC 16 20	1	1
47.	72534744	QUICK DISCONNECT	20 PLUG-MALE	N/A	1
48.	77041861	CAP-QUICK DISCONNECT	20 PLUG	N/A	1
49.	72534743	QUICK DISCONNECT	20 SOCKET-FEMALE	N/A	1
50.	77041860	CAP-QUICK DISCONNECT	20 SOCKET	N/A	1
51.	51399020	HOSE	FJ 1.25 X 24.00 (20-20) 100R4	1	1
52.	71414182	TUBE ASSEMBLY-HYDRAULIC	1.25X220.00 CHASS RETURN	N/A	1
53.	72534756	TEE	MALE JIC 1.62-12 1.25 TUBE	1	1
54.	72534757	TEE	MASTER THREAD RUN 20	1	1
55.	71414189	TUBE ASSEMBLY	HYDRAULIC 1.25 O.D. X 9.38 X 10.38	N/A	1
56.	51399021	HOSE	FF 1.25 X 36.00 (20-20) 100R4	1	1
57.	71414185	TUBE ASSEMBLY-HYDRAULIC	1.00X 17.00 PRESS EXTEND	N/A	1
58.	71414186	TUBE ASSEMBLY-HYDRAULIC	1.25X 17.00 RETURN EXTEND	N/A	1
59.	51723031	MANIFOLD ASY-FLOW DIVIDER		N/A	1
60.	51399022	HOSE	AAJ .38 X 34.00 (6-6) 100R17	2	2
61.	N/A	EXISTING HYDRAULIC TUBING ON CONTAINER		N/A	REF
62.	93723187	KIT-PNEUMATICS		N/A	REF
63.	72534739	PUSH LOC- FITTING ELBOW	.38 DOT X .12 MPT	62	6 REF
64.	72534742	PUSH LOC- UNION TEE	.38 DOT	62	1
65.	72533700	PUSH LOC- FTG ELBOW	.38 DOT X .25 MPT	62	4
66.	71414202	MUFFLER-AIR	1/8" NPT SINTERED BRONZE	N/A	1 REF
67.	72533698	PUSH LOC- FTG	.38 DOT X .25 MPT	62	1
68.	73540411	CYLINDER-AIR	2.00B 3.00S DBL ACT	N/A	2
69.	72053517	ADAPTER	MPT/HEX/MPT .25 .25	2	1
70.	73054505	VALVE-PRESS PROTECTION	.25in	62	1
71.	73054122	VALVE-BALL	0.25"	62	1
72.	70396004	TUBE-PUSHLOC	.38 AIR (CS)	62	40'
73.	72531569	ADAPTER	MPT/HEX/MPT BRS .25 .25	62	2
74.	72532287	NIPPLE-DISC	.25FPT STL HNV-14-M	2	1
75.	72534758	CAP-DUST	FOR 72532287	2	1
76.	72531812	REDUCER BUSHING-BRASS	.50- .25	62	1
REV B 20101116					

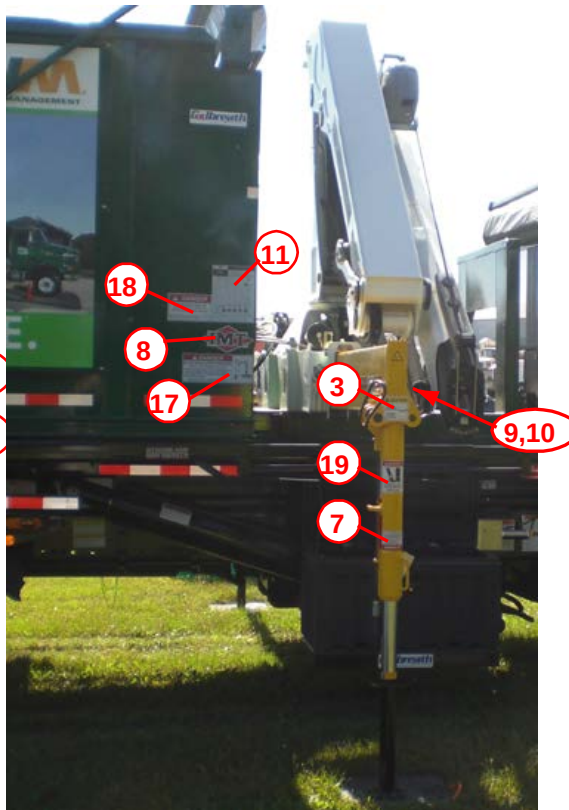
Rig Release Parts

Item	Part #	Quantity	Notes
Wiring harness	77441405	1	This harness, which connects the rig release hook and the crane, feeds through the bracket at the top of the boom tip to prevent the wire from being damaged or pinched.
Replacement nylon sling	71661684	1	

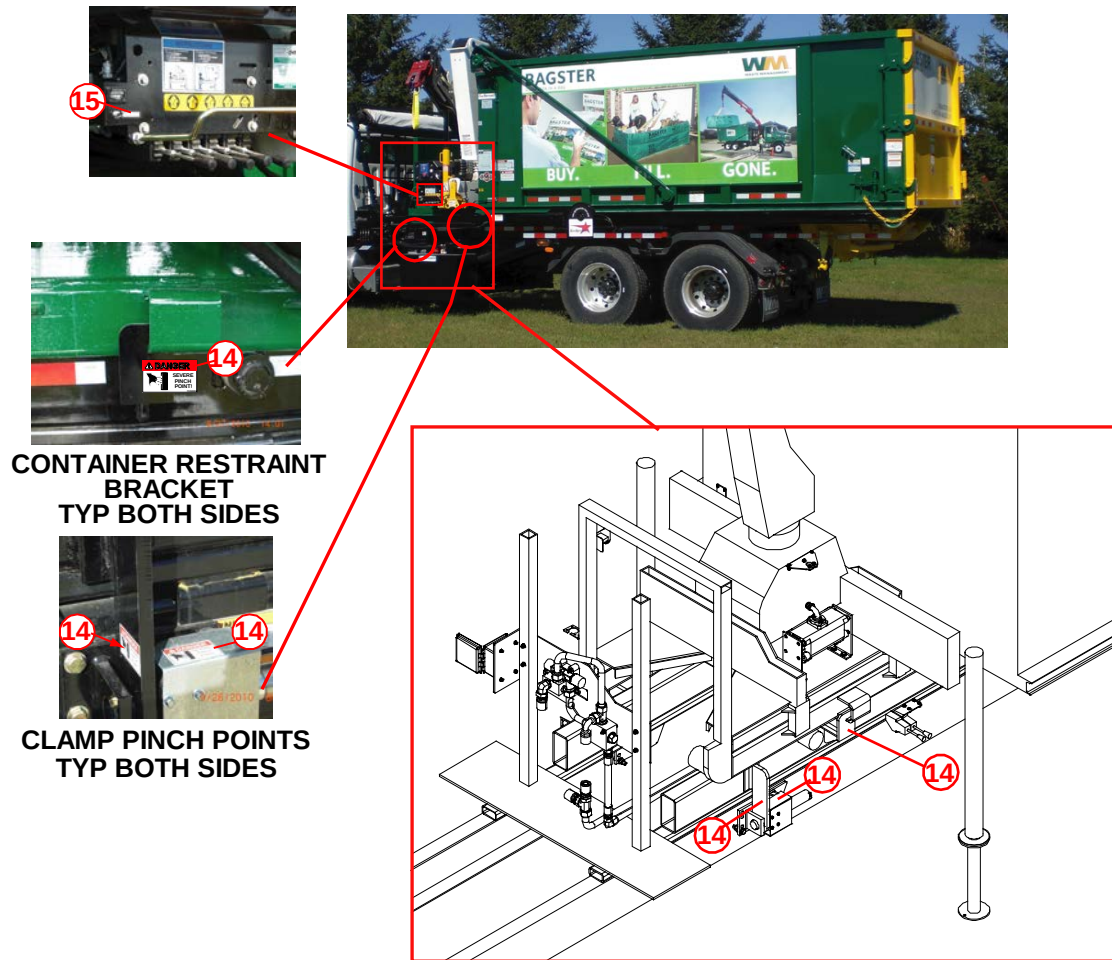
Container & Accessory Decal Placement (99904937)

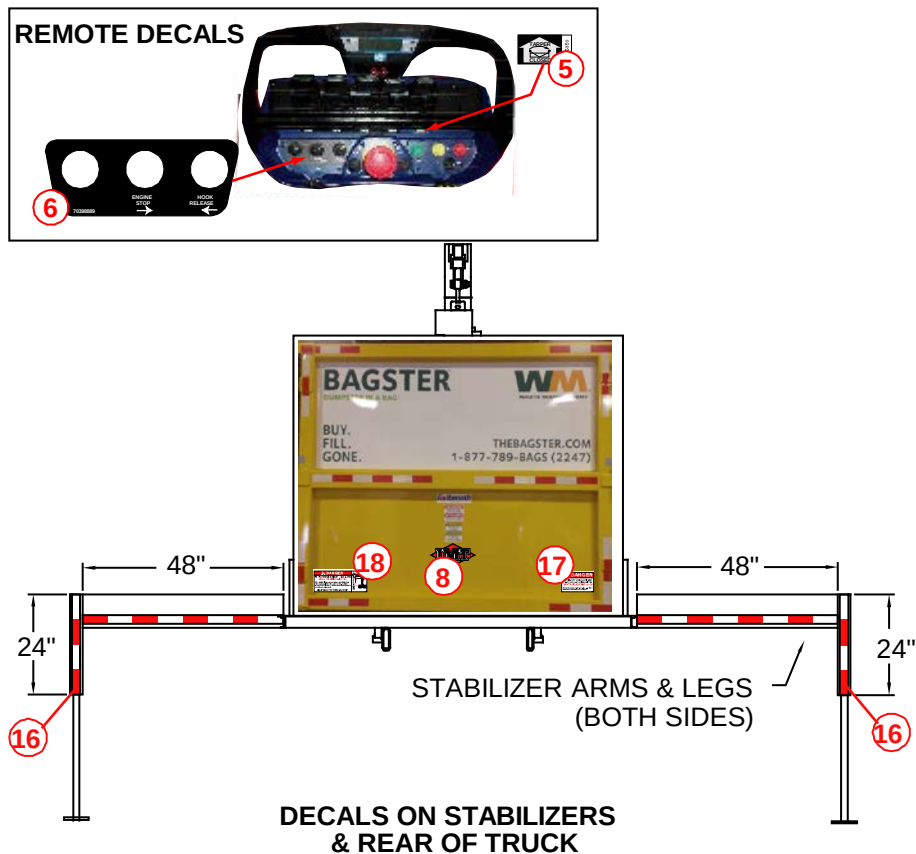


DECALS-DRIVER SIDE



DECALS-PASSENGER SIDE





99904937 PARTS LIST					
ITEM	PART #	DESCRIPTION	KIT #	QTY	PLACEMENT NOTES
1.	95722750	DECAL KIT - INSTALLATION	1		
2.	70398828	DECAL-CONTROL	1	1	ABOVE CONTROL LEVERS
3.	70398829	DECAL-CAUTION, STABILIZERS	1	2	ON EACH STABILIZER ROTATION BRACKET
4.	70398862	DECAL-INSTR. ROLL-OFF	1	2	ON BODY BELOW HOSE BRACKET, ON CONTROL BOX
5.	70398888	DECAL-REMOTE TAPER		1	
6.	70398889	DECAL-REMOTE		1	
7.	70392867	DECAL-DANGER, MOVING STAB		2	REMOVED 1-1-12
8.	70392887	DECAL-IMT DIAMOND 10"		3	ON EACH SIDE, ALIGNED AS SHOWN, AND CENTERED IN REAR
9.	70398865	DECAL-CONTROL,PO STAB		2	ON STAB CONTROL
10.	70398866	DECAL-CONTROL,PD STAB		2	ON STAB CONTROL
11.	70397541	DECAL-CP 14/98SL K3		2	ABOVE IMT DIAMOND ON EACH SIDE OF BODY
12.	95723227	DECAL KIT - SHIPOUT		1	
13.	70398863	DECAL-UNIT HEIGHT	12	1	IN CAB
14.	70398864	DECAL-DANGER, PINCH POINT	12	6	ON CLAMP ARM & CONTAINER RESTRAINT BRACKET
15.	70399043	DECAL-CRANE POWER			NOT REQUIRED
16.	70396734	DECAL-LENGTH INDICATOR		4REF	CUT TO LENGTH. PLACE AS SHOWN.
17.	70392865	DECAL-DANGER, ELEC	20	4REF	ON SIDES AND BACK OF BODY, AND ON FRONT BUMPER

99904937 PARTS LIST					
ITEM	PART #	DESCRIPTION	KIT #	QTY	PLACEMENT NOTES
18.	70392868	DECAL-WARNING, LOADLINE	20	4REF	ON SIDES AND BACK OF BODY, AND ON FRONT BUMPER
19.	70392864	DECAL-WARNING STAB STD CL	20	2REF	ON BOTH STABILIZERS
20.	95720380	DECAL KIT-CRANE		REF	
21.	70399054	DECAL-PTO MODE	12	1	IN CAB
22.	70399057	DECAL-CRANE MODE	12	1	IN CAB
NEW 20101005					

CHAPTER 2

Crane Replacement Parts

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Hydraulic Systems.....	79
Labels, Mounting Kits, Accessories	93
Electrical Parts	97

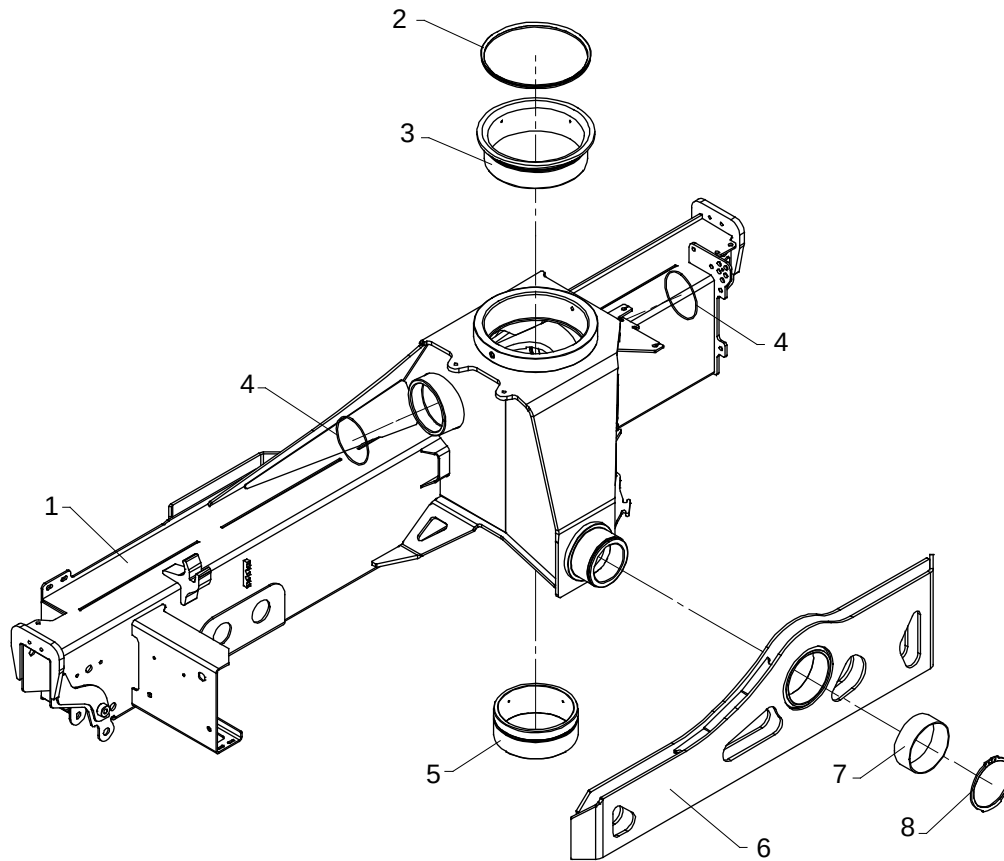
CHAPTER 3

Basic Loader

In This Chapter

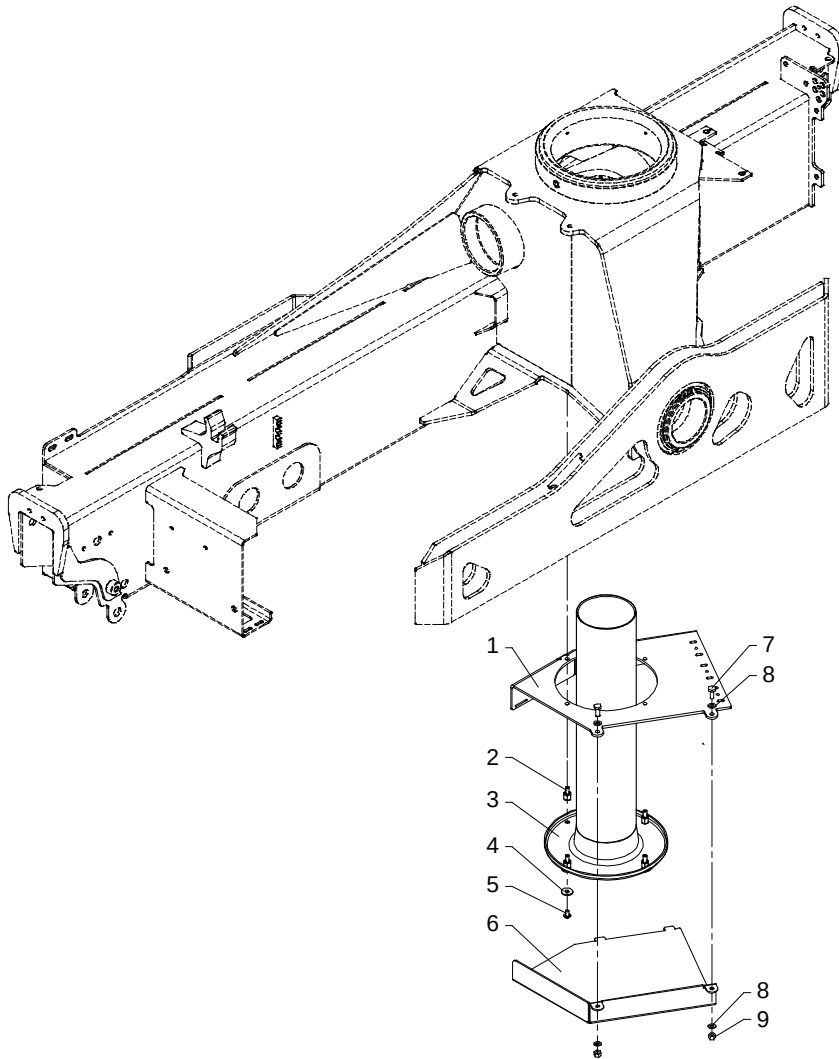
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Base, complete (53301010)



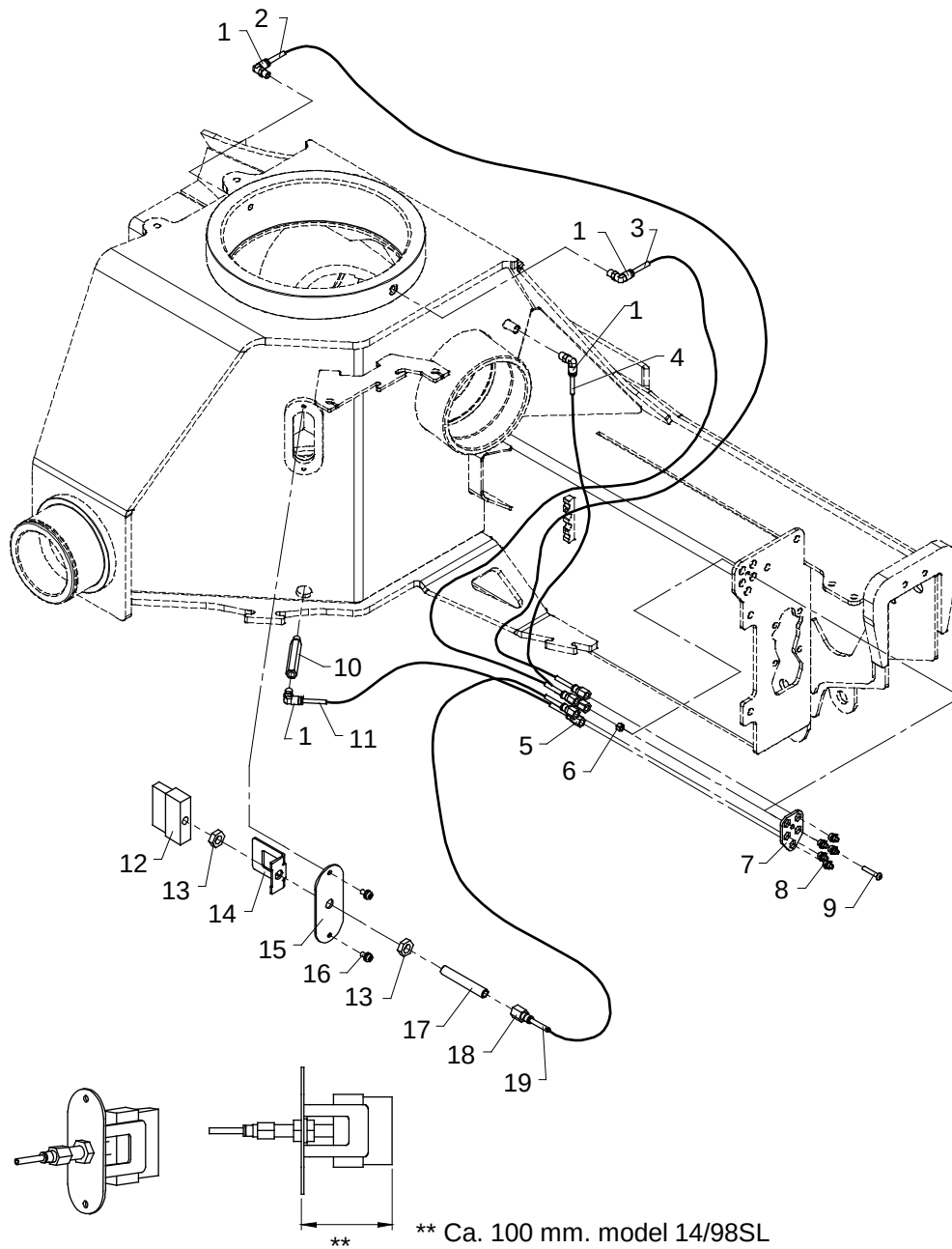
Parts for Base, complete (53301010)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340010	Base	6340001
2	1	21937	V-ring	VL-0275
3	1	63557	Top bearing	
4	2	20197	O-ring	OR 118 x 3
5	1	63558	Bottom bearing	
6	1	6306135	Suspension traverse	
7	1	23406	Composite bearing	ø130 x 50
8	1	33151	Circlip	130U

Protection plate, cpl. (std.) (53301050)



Protection plate, cpl. (std.) (53301050)				
Pos	Qty.	Part no.	Description	Remarks
1.	1	6340231	Cover	
2.	4	6340223	Spacer	
3.	1	63490	Bushing	
4.	4	31136	Washer, stainless	8 mm
5.	4	30924	Screw	M8 x 12
6.	1	6340233	Hose shield	
7.	2	30132	Set screw, stainless	M8 x 20
8.	4	31147	Washer, stainless	8 mm
9.	2	30886	Lock nut, stainless	M8

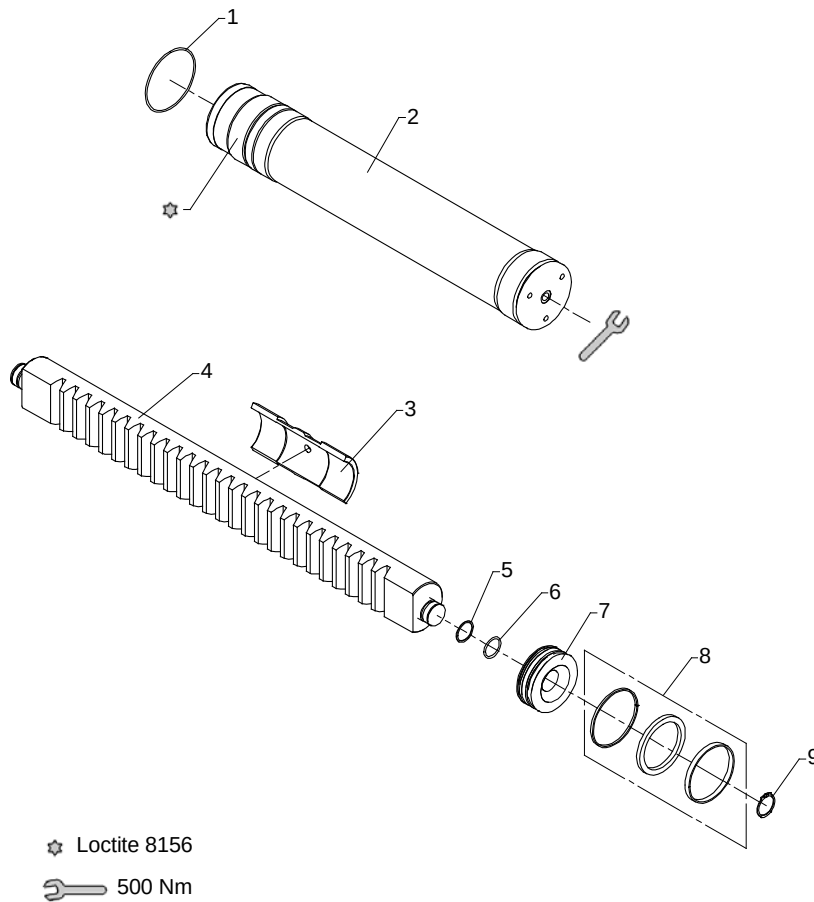
Central lubrication and lubricating brush (53301080)



Central lubrication and lubricating brush (53301080)				
Pos	Qty.	Part no.	Description	Remarks
1	4	25532	Elbow connection	
2	1	41712	Cable lead-in	1260 mm
3	1	41712	Cable lead-in	970 mm
4	1	41712	Cable lead-in	640 mm
5	5	25579	Union nut	

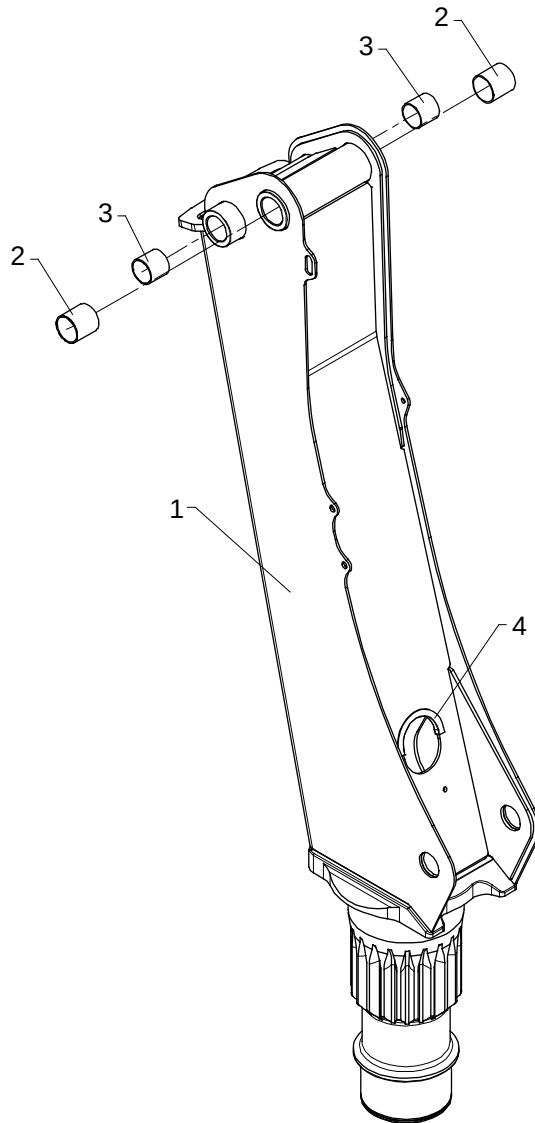
Central lubrication and lubricating brush (53301080)				
Pos	Qty.	Part no.	Description	Remarks
6	1	30884	Lock nut, stainless	M6
7	1	6306038	Lock plate	
8	5	31318	Lubricator	1/8" RG
9	1	32458	Screw	M6 x 30
10	1	6340046	Nipple (1/8" RG - 90 mm)	
11	1	41712	Cable lead-in	880 mm
12	1	31395	Brush	
13	2	25354	Counter nut	1/4"
14	1	6306047	Safety device, lubrica. brush	
15	1	6306046	Cover for lubricating brush	
16	2	32479	Screw	M6 x 12
17	1	6306048	Threaded pipe	
18	1	25580	Union nut	
19	1	41712	Cable lead-in	1200 mm

Slewing system, 400° (53301100)



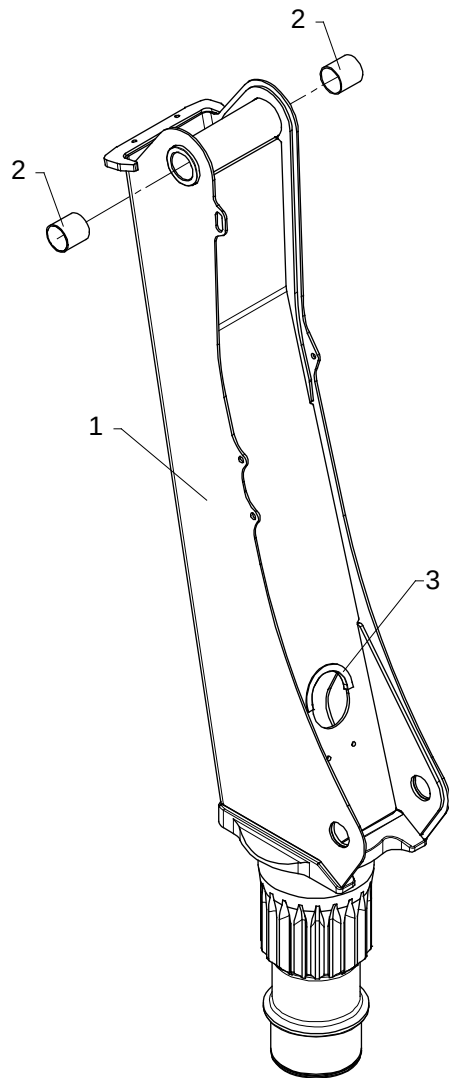
Slewing system, 400 degree (53301100)				
Pos	Qty.	Part no.	Description	Remarks
1	2	20208	O-ring	OR 114,5 x 3
2	2	6340041	Slewing cylinder	
3	1	63559	Guide block	
4	1	6340044	Rack (ø95-M10-400)	
5	2	20705	Back ring	STR 35 x 40 x 1,3
6	2	20177	O-ring	OR 34,2 x 3
7	2	6340045	Piston	
8	2	6894250	Seal kit	
9	2	33121	Circlip	40U

Column, cpl. for link arm system, boom (53301300)



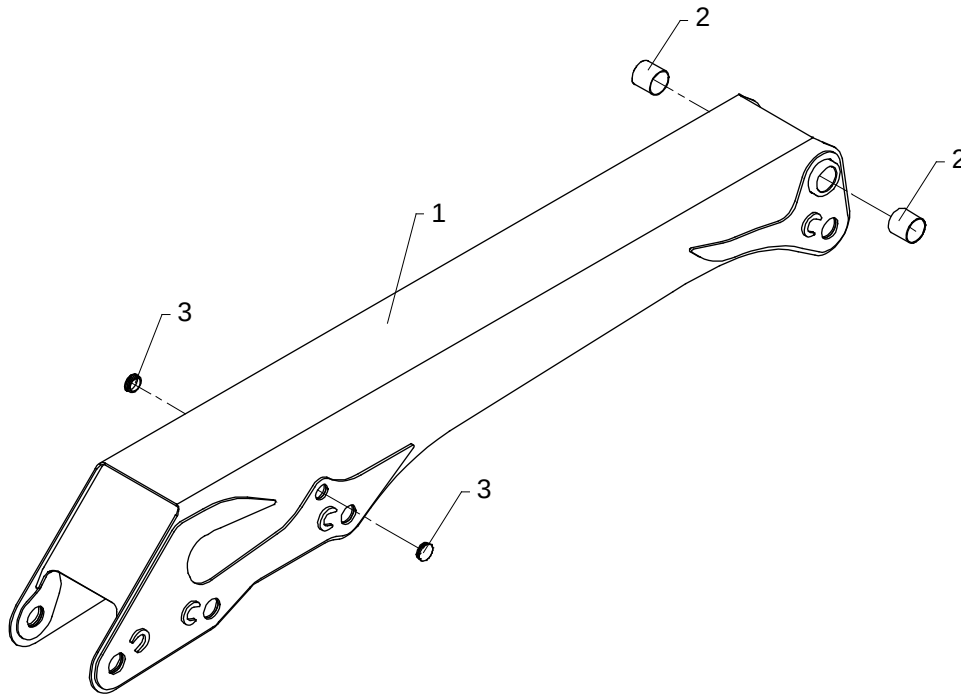
Column, cpl. for link arm system, boom (53301300)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340040	Column	6340051
2	2	23410	Composite bearing	ø55/60 x 60
3	2	23430	Composite bearing	ø50/55 x 50
4	1	46587	Rubber protection	180 mm

Column, cpl. excl. link arm system, boom (53301350)



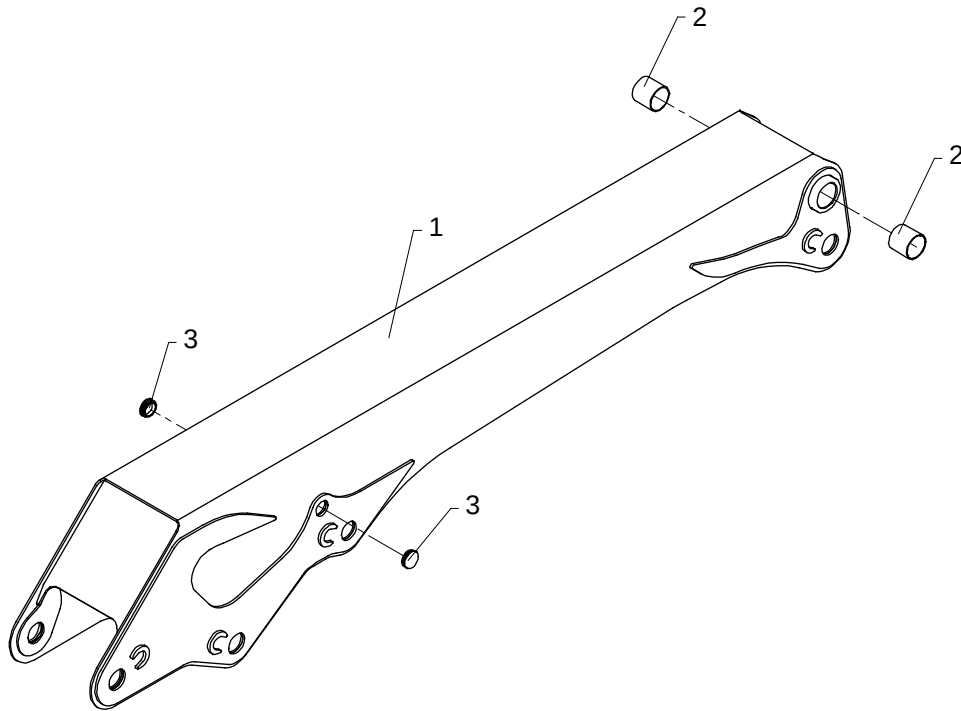
Column, cpl. for link arm system, boom (53301300)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340080	Column	6340071
2	2	23410	Composite bearing	ø55/60 x 60
3	1	46587	Rubber protection	180 mm

Main boom, cpl. for link arm system, boom (53301400)



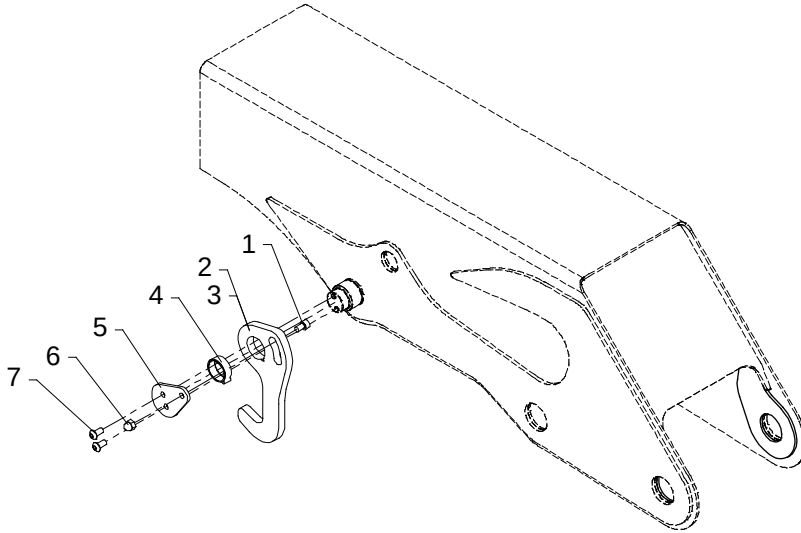
Main boom, cpl. for link arm system, boom (53301400)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340230	Main boom	6340181
2	2	23431	Composite bearing	ø60/65 x 60
3	2	64381	Ferrule	

Main boom, cpl., no link arm system, boom (53301420)



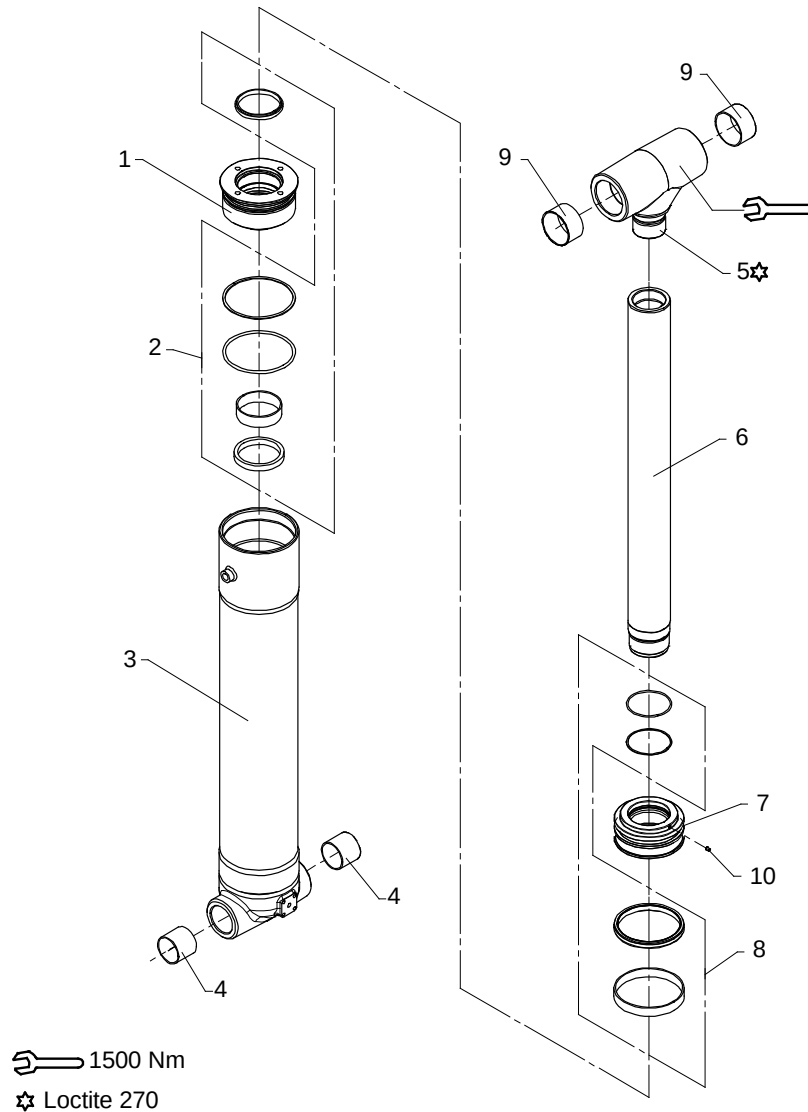
Main boom, cpl., no link arm system, boom (53301420)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340240	Main boom	6340191
2	2	23431	Composite bearing	ø60/65 x 60
3	2	64381	Ferrule	

Stowing hook, complete (53301450)



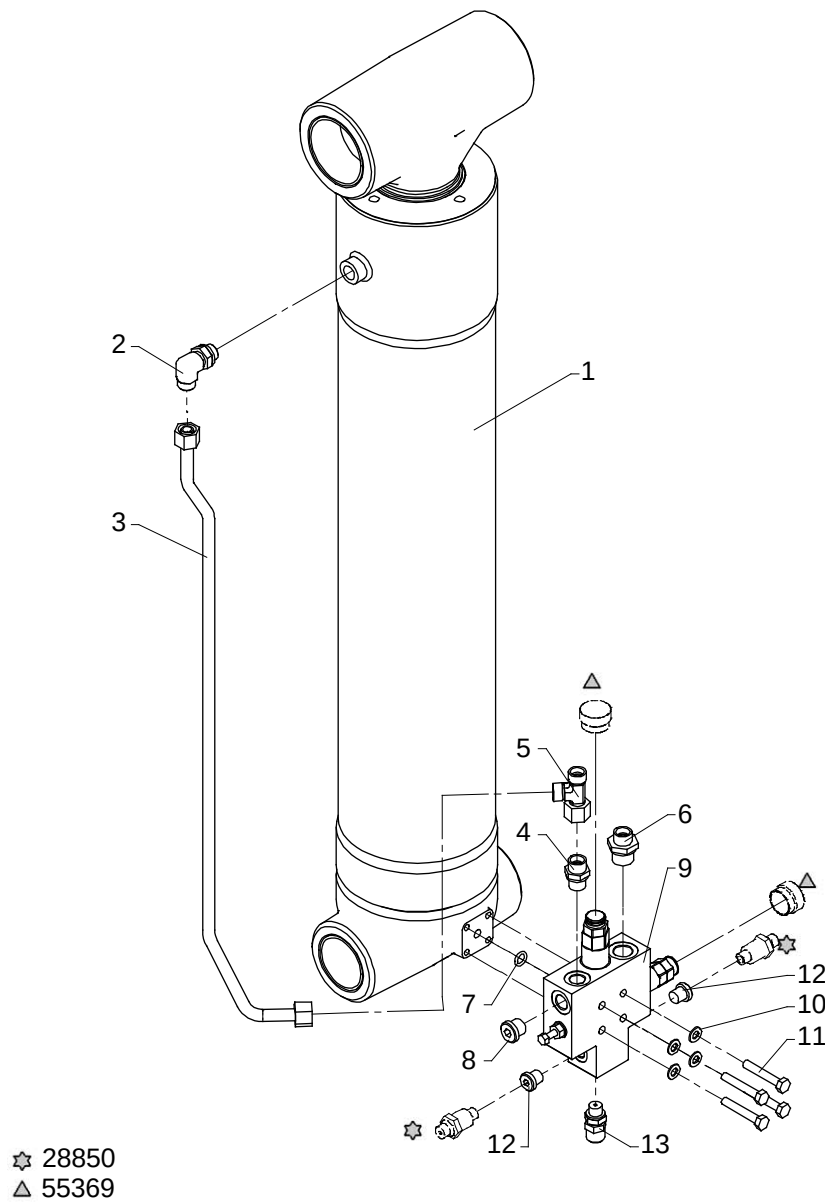
Stowing hook, complete (53301450)				
Pos	Qty.	Part no.	Description	Remarks
		6340210	Stowing hook	
		6342210	Stowing hook, cpl. (+FJ)	
1	1	30964	Screw	MC10 x 16
2	1	6340208	Stowing hook	
3	1	6340948	Stowing hook (loader + FJ)	
4	1	63565	Bearing	
5	1	6340209	End plate	
6	1	30902	Nut	M10
7	2	30926	Steel bolt	M10 x 20

Boom cylinder C140 x 700 (1300K, 1420K) (53301480)



Boom cylinder C140 x 700 (1300K, 1420K) (53301480)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340146	Guide (ø140/85)	
2	1	6894060	Seal kit f. guide	
3	1	6340141	Cylinder pipe	
4	2	23409	Composite bearing	ø55/60 x 50
5	1	6340147	Piston rod head (ø70 x 228)	
6	1	6340144	Piston rod	
7	1	6340145	Piston	
8	1	6894010	Seal kit f. piston	
9	2	23412	Composite bearing	ø70/75 x 40
10	1	30903	Screw	MSP6 x 8

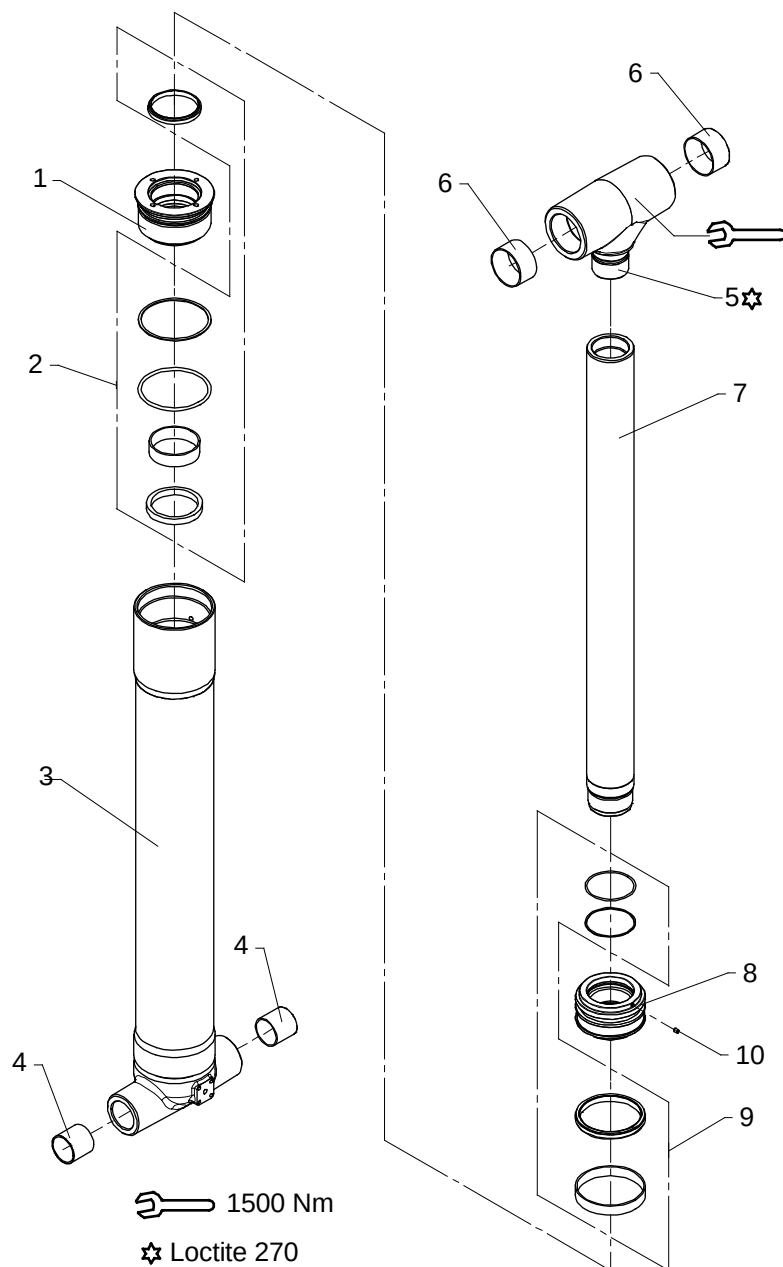
Boom cylinder C140 x 700 with LHV (1300K, 1420K) (53301490)



Boom cylinder C140 x 700 with LHV (1300K, 1420K) (53301490)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340140	Boom cylinder C140 x 724	
2	1	26897	Elbow connection	12 mm - 3/8"
3	1	6340148	Pipe, boom retract	

Boom cylinder C140 x 700 with LHV (1300K, 1420K) (53301490)				
Pos	Qty.	Part no.	Description	Remarks
4	1	25127	Connection	P-GEV 12 LR-WD
5	1	25270	Connection	ELSD 12 L
6	1	25108	Connection	GES 12 LR 1/2-WD
7	1	20138	O-ring	OR 10,77 x 2,62
8	1	25277	Plug	VS-R-3/8 WD
9	1	55227	Valve	
10	4	31147	Washer, stainless	8 mm
11	4	30139	Steel bolt, stainless	M8 x 50
12	2	25197	Plug	VS-R-1/4 WD
13	1	26103	Pressure-gauge connect.	

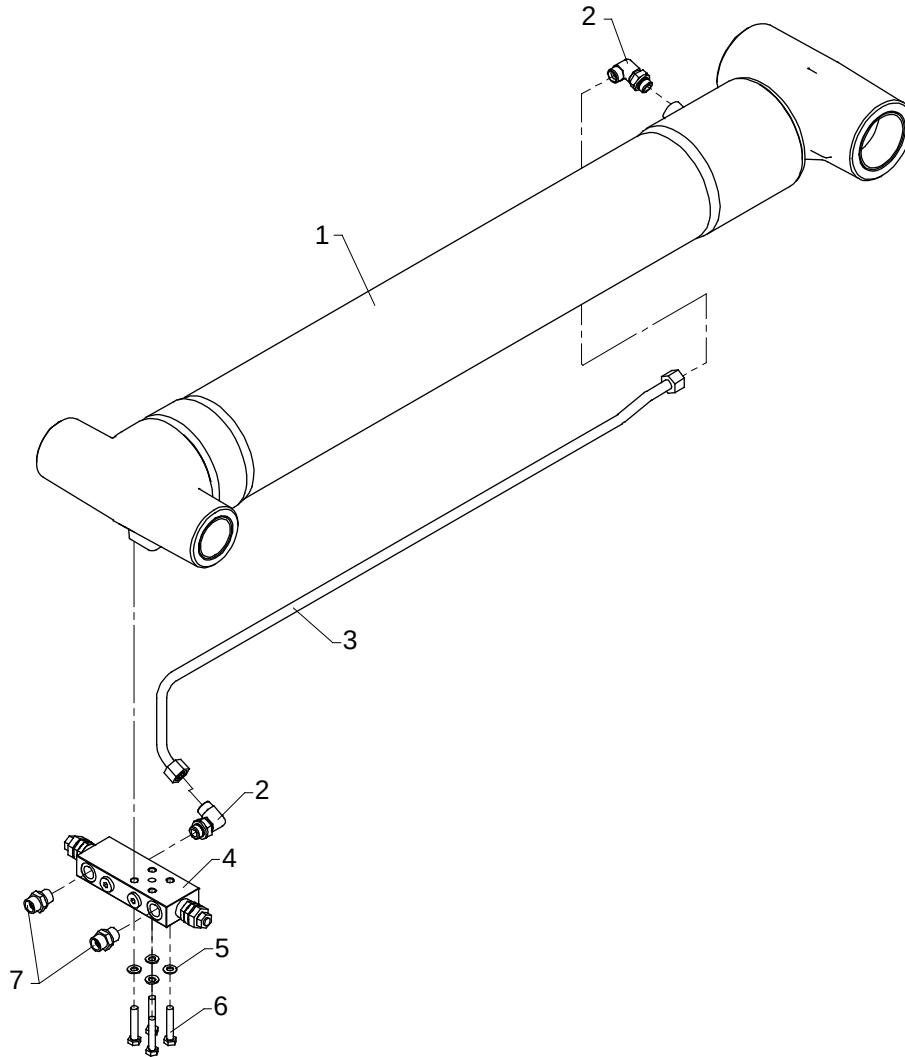
Jib cylinder C125 x 848 (53301600)



Jib cylinder C125 x 848 (53301600)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340156	Guide	
2	1	6894050	Seal kit f. guide	
3	1	6340151	Cylinder pipe	
4	2	23430	Composite bearing	ø50/55 x 50
5	1	6340147	Piston rod head (ø70 x 228)	

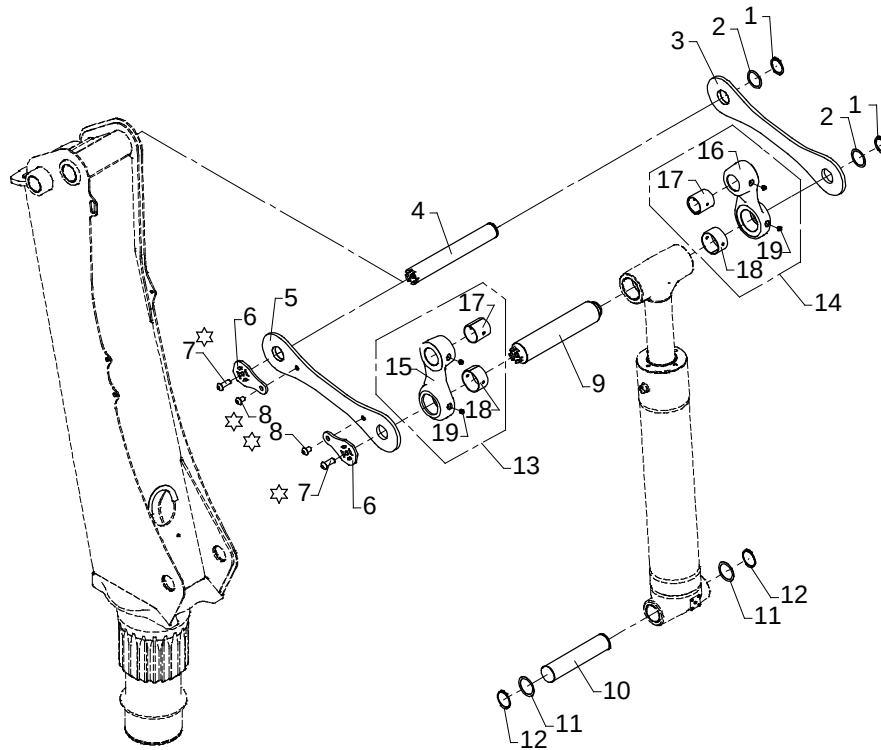
Jib cylinder C125 x 848 (53301600)				
Pos	Qty.	Part no.	Description	Remarks
6	2	23412	Composite bearing	ø70/75 x 40
7	1	6340154	Piston rod	
8	1	6340155	Piston	
9	1	6894000	Seal kit f. piston	
10	1	30903	Screw	MSP6 x 8

Jib cylinder with LHV (53301610)



Jib cylinder with LHV (53301610)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340150	Jib cylinder	
2	2	26897	Elbow connection	12 mm - 3/8"
3	1	6340158	Pipe, jib cylinder	
4	1	59027	Load-holding valve	
5	4	31147	Washer, stainless	8 mm
6	4	31511	Set screw, stainless	M8 x 45
7	2	25127	Connection	P-GEV 12 LR-WD

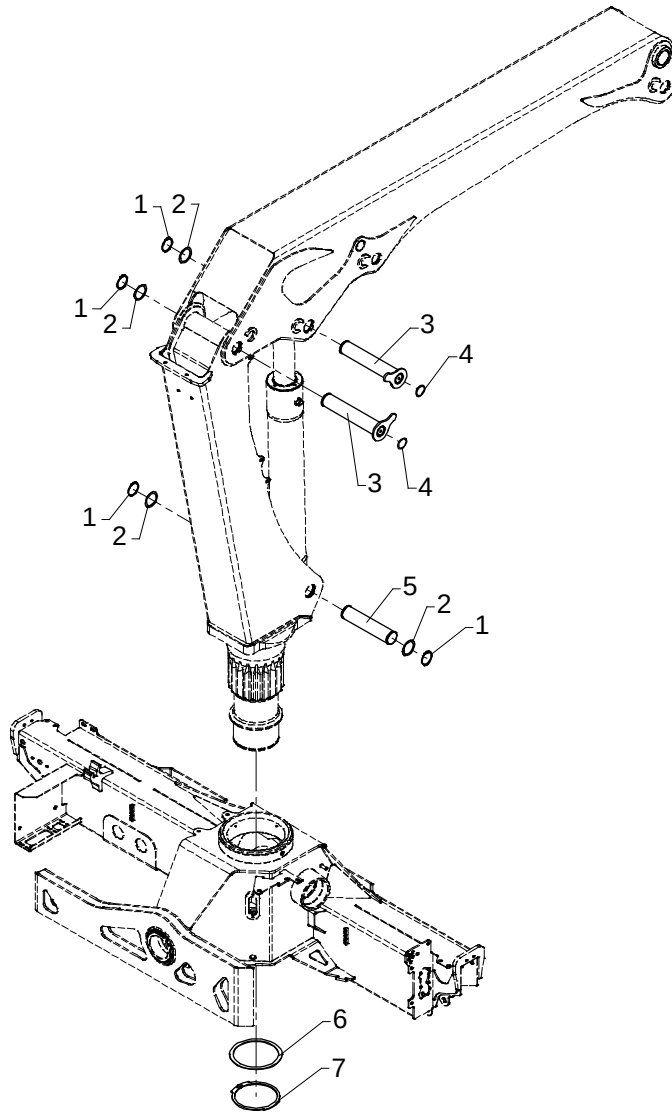
Link arm system, boom (53301700)



☆ Loctite 243

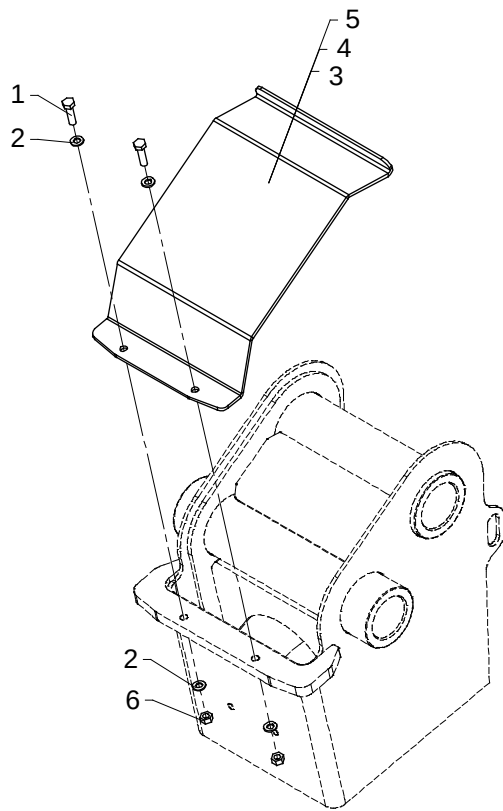
Link arm system, boom (53301700)				
Pos	Qty.	Part no.	Description	Remarks
1	2	33129	Circlip	50U
2	2	33276	Washer	PS 50 x 62 x 1,0
3	1	6340164	Link arm, left	
4	1	6340165	Link arm pin L1 ø50	
5	1	6340163	Link arm, right	
6	2	6340169	Lock plate	
7	2	32369	Screw	M14 x 40
8	2	32368	Screw	M14 x 20
9	1	6340166	Link arm pin C2 ø70	
10	1	6340149	Pin	
11	2	33277	Washer	PS 55 x 68 x 1,0
12	2	33132	Circlip Din 471	55U
13	1	6340160	Push rod, right, complete	
14	1	6340460	Push rod, left, complete	
15	1	6340161	Push rod, right	
16	1	6340162	Push rod, left	
17	2	23419	Bushing	PM 5560 DX
18	2	23336	Bushing	PM 7040 DX
19	4	31318	Lubricator	1/8" RG

Mounting fittings, basic loader excl. link arm system (53301750)



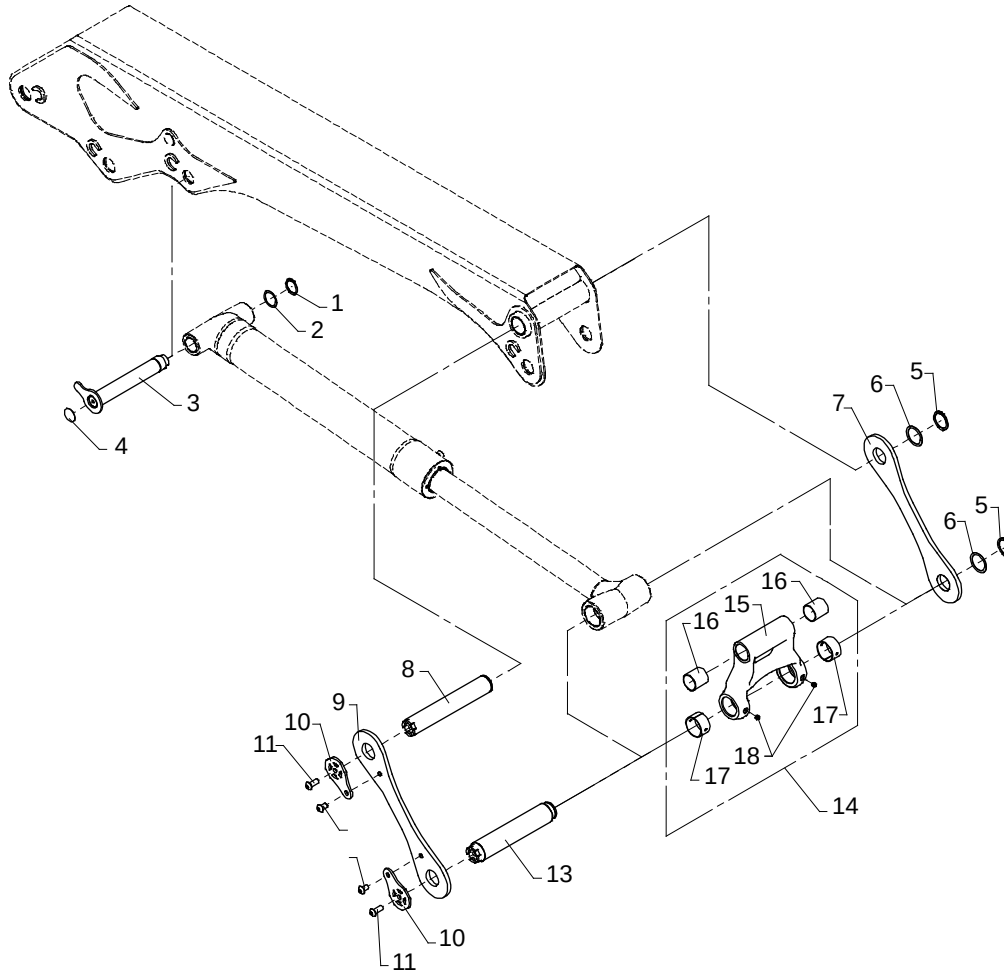
Mounting fittings, basic loader excl. link arm system (53301750)				
Pos	Qty.	Part no.	Description	Remarks
1	4	33132	Circlip Din 471	55U
2	4	33277	Washer	PS 55 x 68 x 1,0
3	2	6340201	Pin	
4	2	63472	Plug	
5	1	6340149	Pin	
6	1	6340049	Supporting washer	
7	1	33275	Circlip	180U

Hose shield, cpl. (53301760)



Hose shield, cpl. (53301760)				
Pos	Qty.	Part no.	Description	Remarks
		6343200	Protective plate	
		6343210	Protective plate	
		6343230	Protective plate	
1	2	30135	Set screw, stainless	M8 x 30
2	4	31147	Washer, stainless	8 mm
3	1	6340089	Hose shield	1300K
4	1	6342089	Hose shield	1500K
5	1	6340079	Hose shield	1310K/1510K
6	2	30856	Nut, stainless	M8

Link arm system, jib (53301800)



Link arm system, jib (53301800)				
Pos	Qty.	Part no.	Description	Remarks
1	1	33129	Circlip	50U
2	1	33276	Washer	PS 50 x 62 x 1,0
3	1	6340204	Pin	
4	1	63472	Plug	
5	2	33135	Circlip	60U
6	2	33266	Washer	PS 60 x 75 x 1,0
7	1	6340178	Link arm, left	
8	1	6340167	Link arm pin	
9	1	6340177	Link arm, right	
10	2	6340179	Lock plate	
11	2	32371	Screw	M16 x 40
12	2	32370	Screw	M16 x 25
13	1	6340168	Link arm pin	
14	1	6340170	Push rod, complete	

Link arm system, jib (53301800)				
Pos	Qty.	Part no.	Description	Remarks
15	1	6340171	Push rod	
16	2	23410	Composite bearing	ø55/60 x 60
17	2	23336	Bushing	PM 7040 DX
18	2	31318	Lubricator	1/8" RG

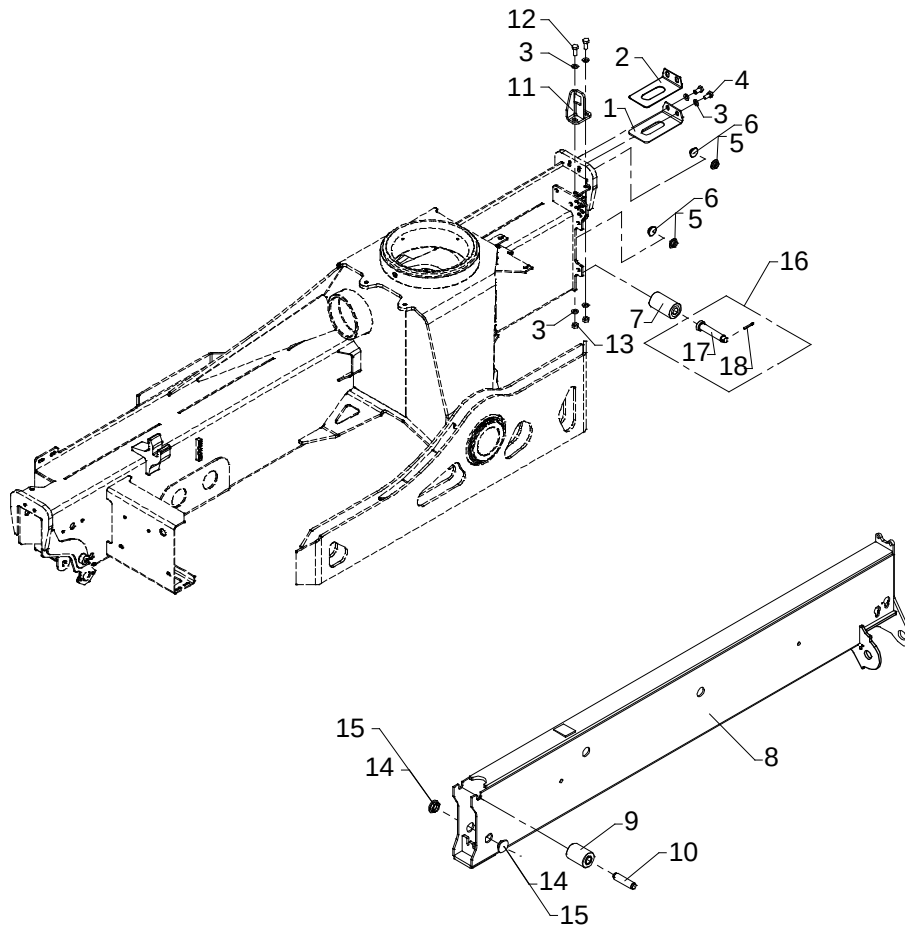
CHAPTER 4

Stabilizers

In This Chapter

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Safety lock (53302150).....	53
Stabilizer cylinder, C80-520, type HR (53302240)	55
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Beam cylinder C32 - 1137 (53302320)	58

Stabilizer beam, type SH-4600 (53302090A)

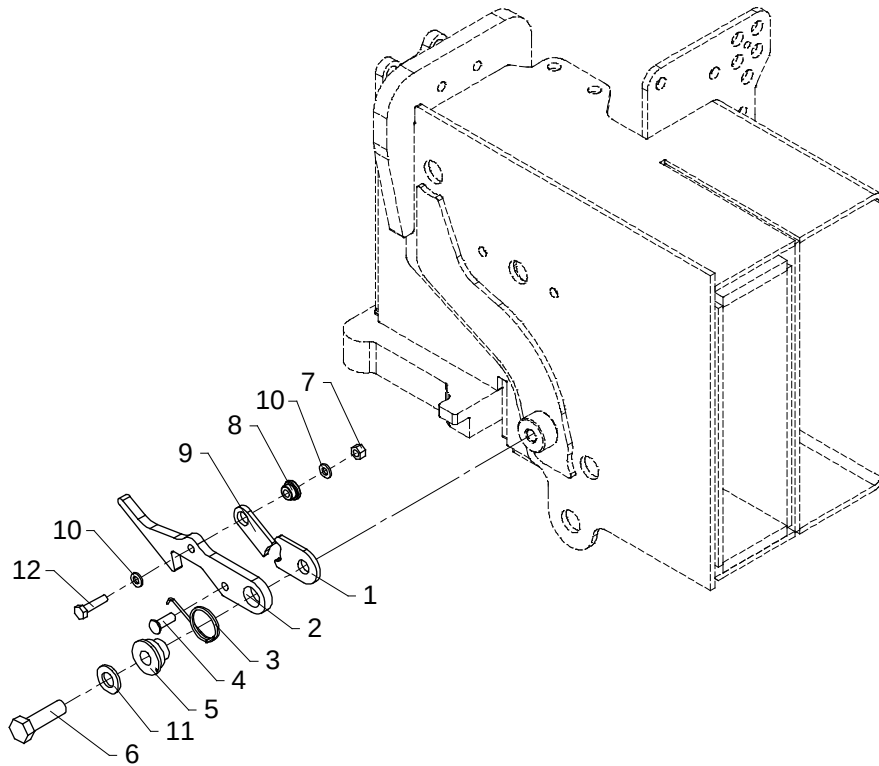


Stabilizer beam, type SH-4600 (53302090A)

Pos	Qty.	Part no.	Description	Remarks
		6341180YEL	Stabilizer beam, type SH	
		6342030	No detection, legs down	
1	1	6306156	Spacer	
2	1	6306722	Adjusting plate	
3	6	31565	Washer, stainless	10 mm
4	2	31517	Set screw, stainless	M10 x 20
5	4	63429	Guide	ø30 x 3 mm
6	4	63430	Guide	ø30 x 2 mm
7	1	63470	Guide roller	
8	1	6340789	Stabilizer beam	
9	1	63469	Guide roller	
10	1	6340098	Pin for guide roller	
11	1	6340817	Bracket	
12	2	30155	Set screw	M10 x 25
13	2	30858	Nut	M10
14	2	63681	Slide block	3 mm

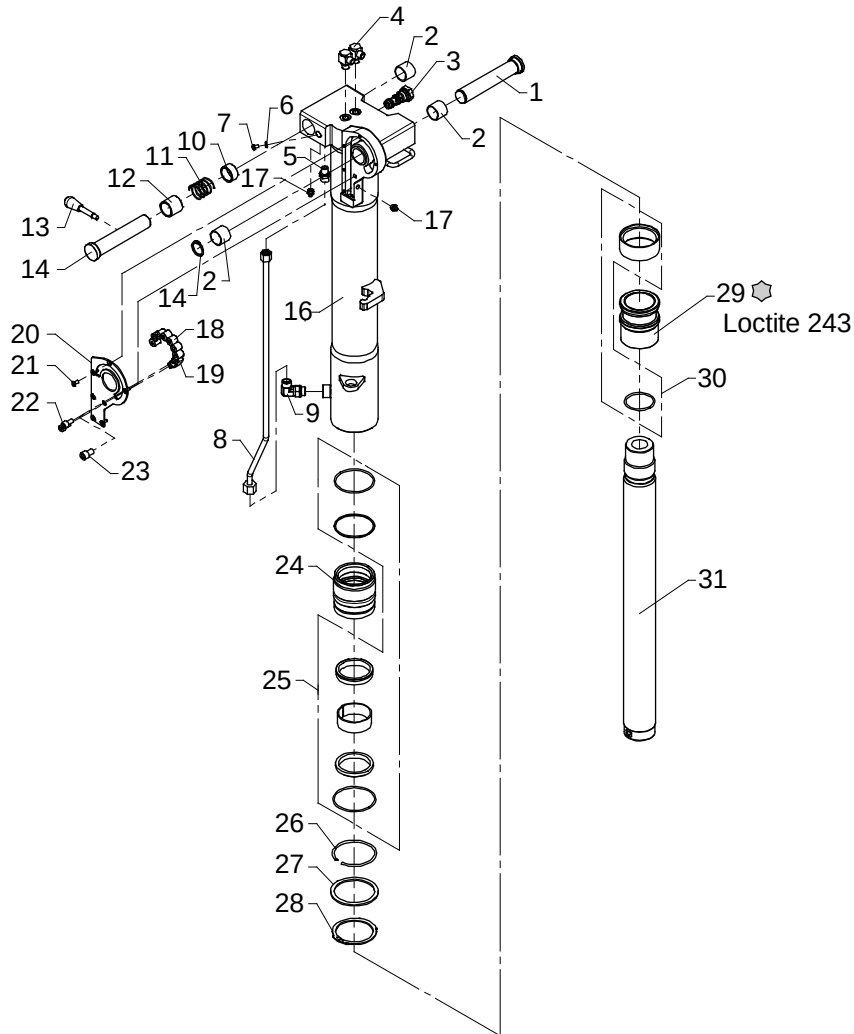
Stabilizer beam, type SH-4600 (53302090A)				
Pos	Qty.	Part no.	Description	Remarks
15	2	64424	Slide block	3 mm
16	1	6342030	No detection, legs down	
17	1	6341982	Pin for guide roller	
18	1	31615	Split pin	ø4 x 32

Safety lock (53302150)



Safety lock (53302150)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6236044	Plate	
2	1	6245244	Hook	
3	1	33476	Spring	6247194
4	1	31290	Spike, galvanized	7 x 20
5	1	6245264	Bushing	
6	1	31533	Set screw, stainless	M12 x 40
7	1	30884	Lock nut, stainless	M6
8	1	63440	Washer	
9	1	6236054	Click	
10	2	32302	Face washer, stainless	6 mm
11	1	32338	Washer	12 mm
12	1	30114	Set screw, stainless	M6 x 25

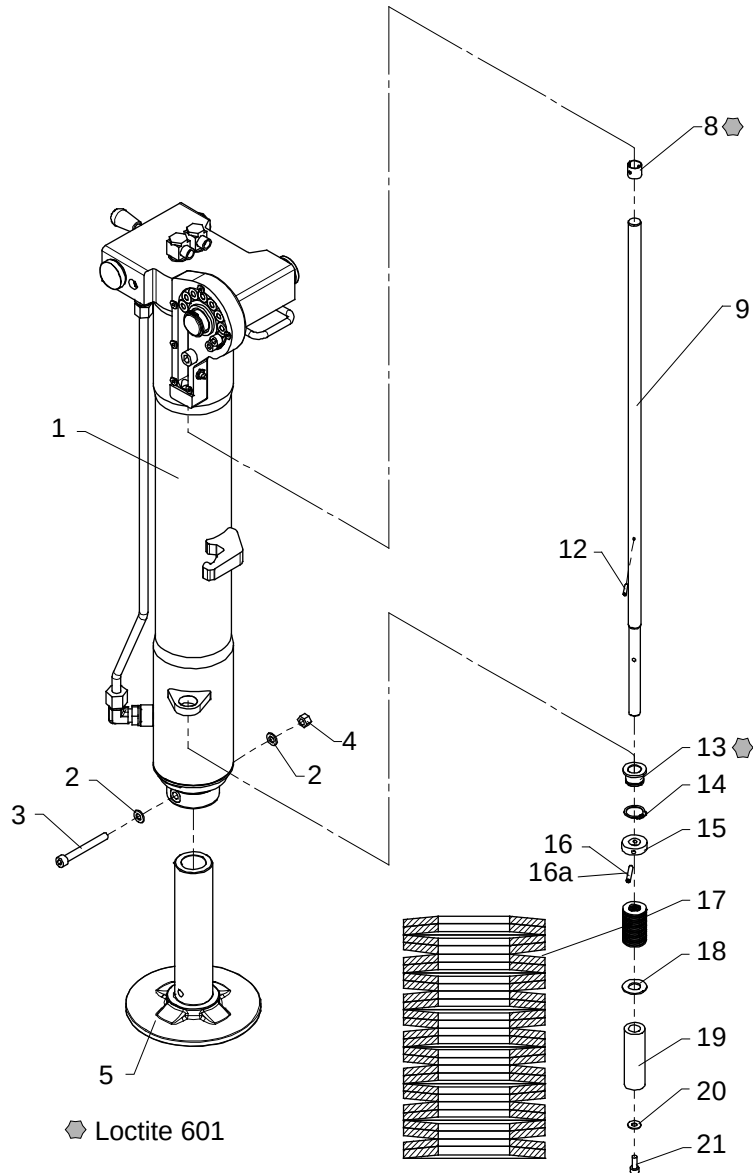
Stabilizer cylinder, C80-520, type HR (53302240)



Stabilizer cylinder, C80-520, type HR (53302240)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340813	Pin	
2	3	23417	Composite bearing	ø28/32 x 25
3	1	58496	Cartridge	
4	2	25113	Banjo connection	RSWV 8 LR
5	1	25121	Connection	P-GEV 10 LR-WD
6	1	21109	Seal washer	ø7,1 x 12 x 1
7	1	31778	Screw, stainless	M6 x 8
8	1	6340825	Pipe	
9	1	26899	Elbow connection	10 mm - 3/8"
10	1	6340811	Distance ring	
11	1	33490	Compression spring	

Stabilizer cylinder, C80-520, type HR (53302240)				
Pos	Qty.	Part no.	Description	Remarks
12	1	6340824	Bushing	
13	1	64352	Lever with knob	
14	1	6340812	Pin	
14	1	33122	Circlip	28U
16	1	6340801	Cylinder pipe, HR	
17	2	31318	Lubricator	1/8" RG
18	7	23120	Cylindrical roller	RC 16 x 16 CD
19	1	6340808	Stop	
20	1	6340807	Cover	
21	6	32405	Sockethead screw	MK5 x 12
22	2	30449	Screw	MC8 x 16
23	1	30964	Screw	MC10 x 16
24	1	6340501	Guide	
25	1	6894110	Seal kit f. guide	
26	1	33400	Lock ring	
27	1	6340515	Back ring	
28	1	33143	Circlip	80U
29	1	6340516	Piston	
30	1	6894100	Seal kit f. piston	
31	1	6340503	Piston rod	

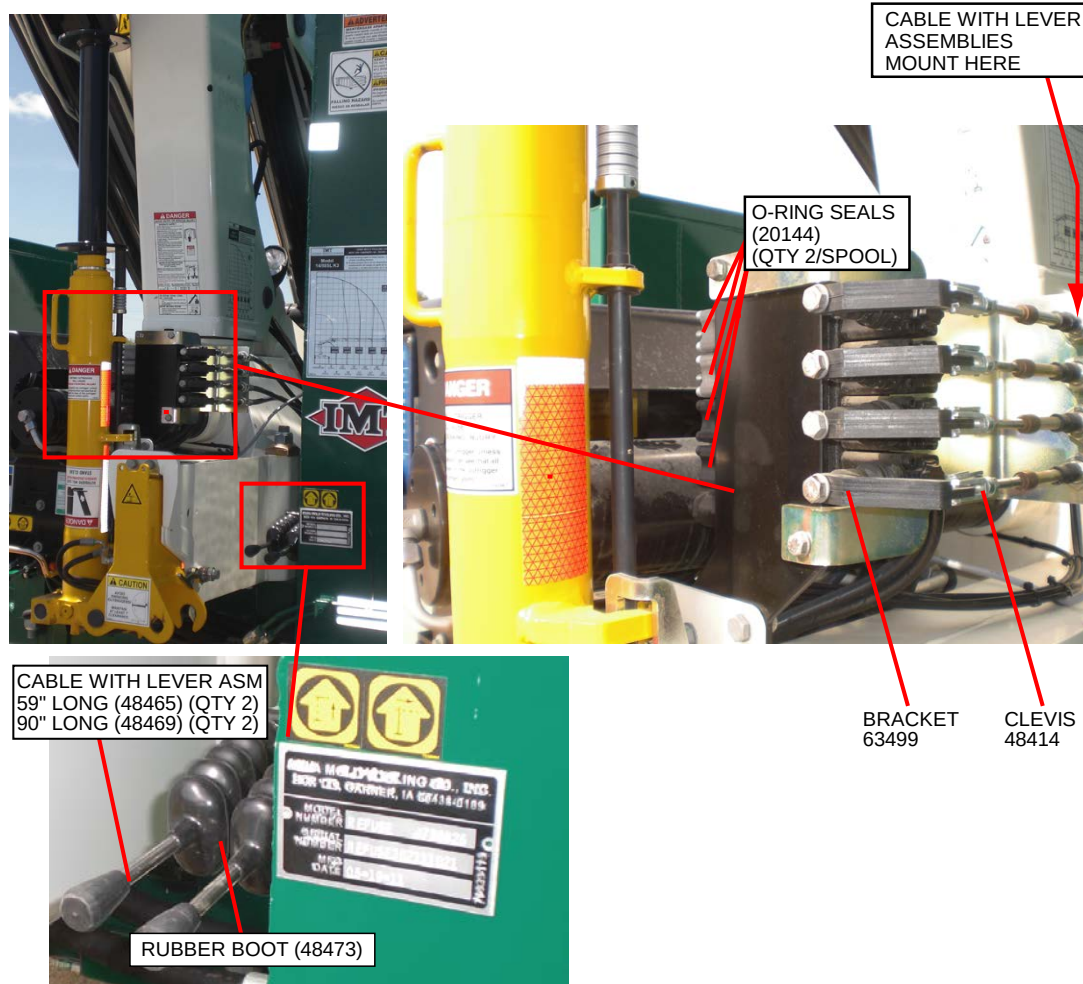
Stabilizer cylinder with swing-up mechanism, type HR (53302245)



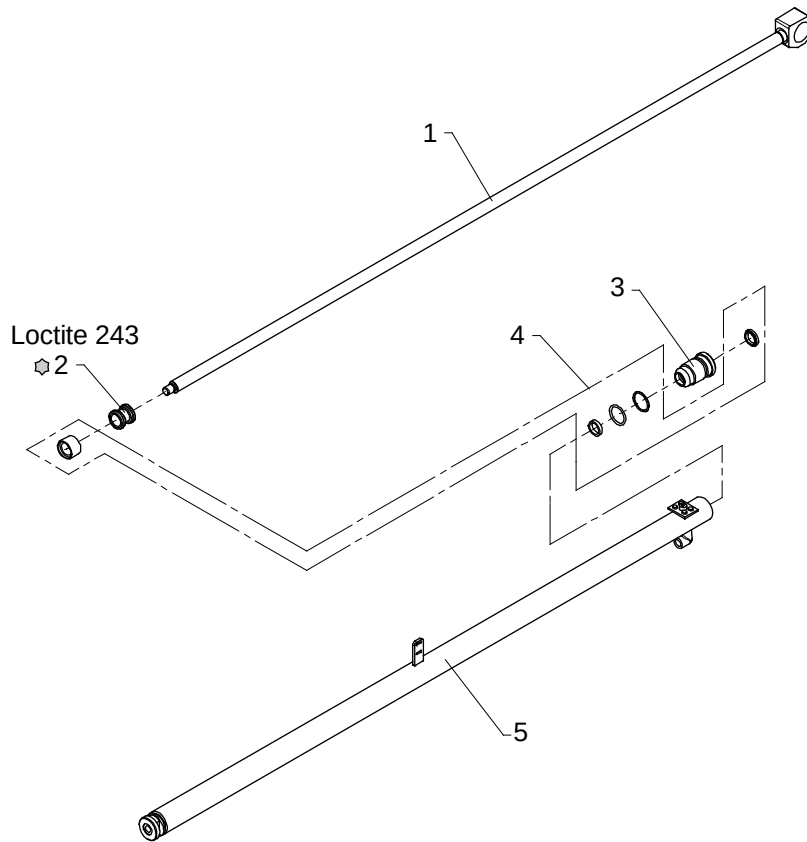
Stabilizer cylinder with swing-up mechanism, type HR (53302245)				
Position	Quantity	Part no.	Description	Remarks
		6340810YEL	Stabilizer cylinder complete-standard	
1.	1	6340800	Stabilizer cylinder, type HR	
2.	2	31147	Washer, stainless	8 mm
3.	1	32428	Sockethead screw	MC8 x 70
4.	1	30886	Lock nut, stainless	M8
5.	1	52724129	Footplate extension	
8.	1	23948	Bushing	PM 1515 DX
9.	1	6340809	Compression rod, standard	

Stabilizer cylinder with swing-up mechanism, type HR (53302245)				
Position	Quantity	Part no.	Description	Remarks
12.	1	31202	Retaining pin	ø3 x 20
13.	1	63597	Bushing	
14.	1	33110	Circlip	22U
15.	1	6340816	Washer	
16.	1	31292	Retaining pin	ø4,5 x 30
16a.	1	72661704	Roll pin (insert into #16)	ø2,5 X 30
17.	26	33489	Disc spring	
18.	1	31111	Washer	14 mm
19.	1	6340815	Pipe	
20.	1	32306	Washer	6 mm
21.	1	30424	Screw	MC6 x 16

Additional Stabilizer Assembly Spare Parts



Beam cylinder C32 - 1137 (53302320)



Beam cylinder C32 - 1137 (53302320)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340792	Piston rod	
2	1	6306242	Piston	
3	1	6043034	Guide	
4	1	6892290	Seal kit	
5	1	6340791	Cylinder tube	

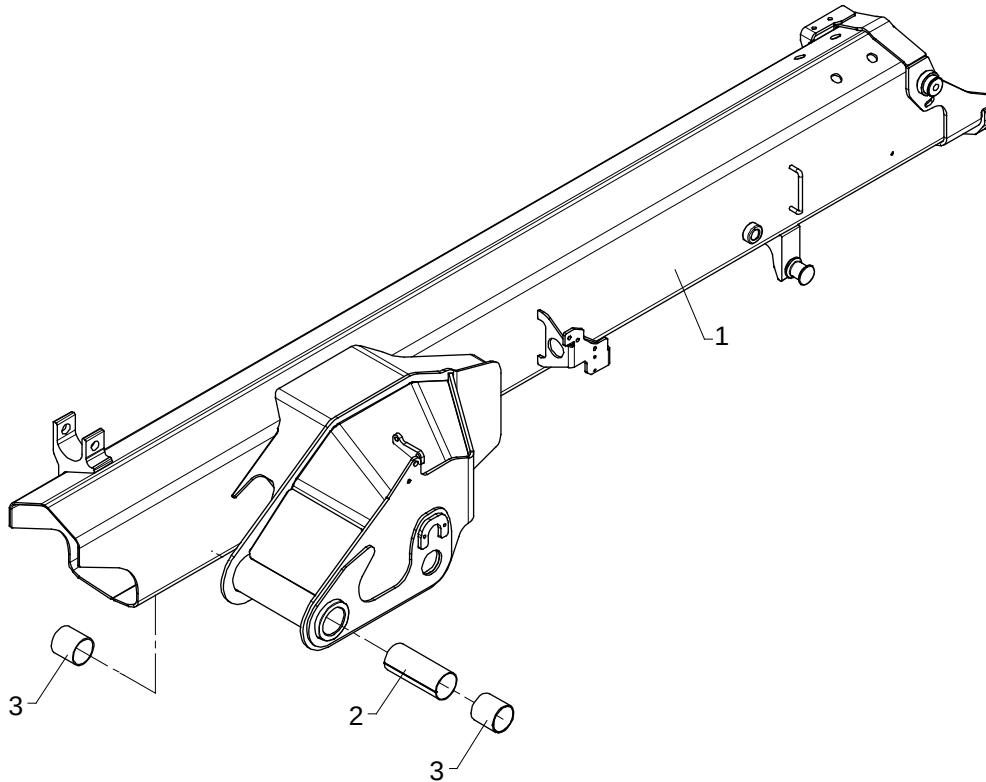
CHAPTER 5

Boom System

In This Chapter

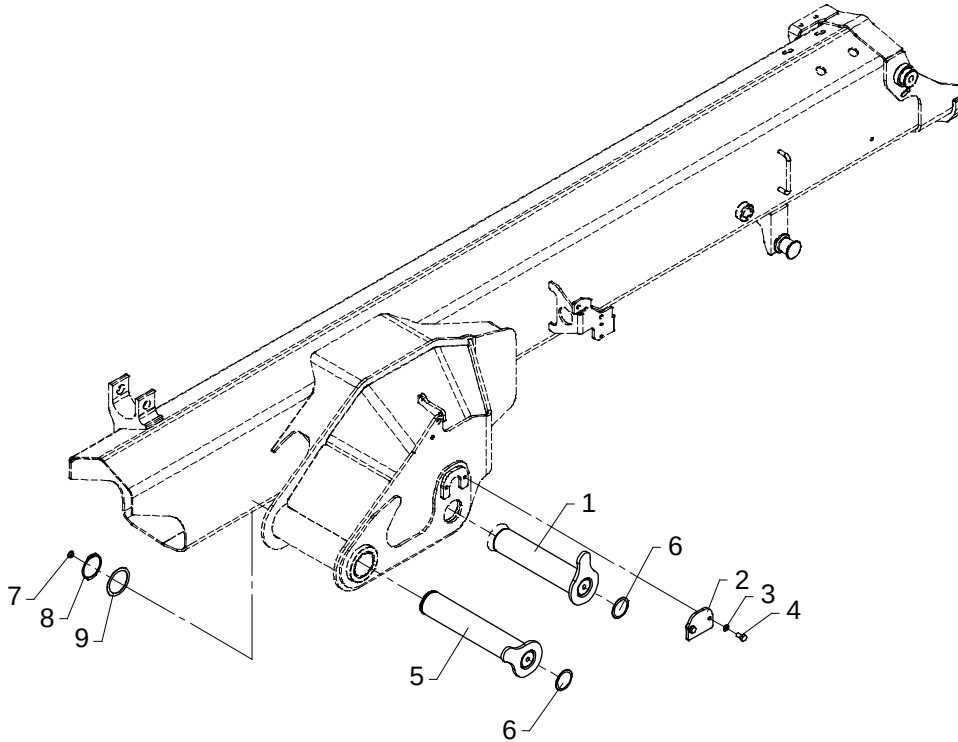
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Jib, complete (53303010)



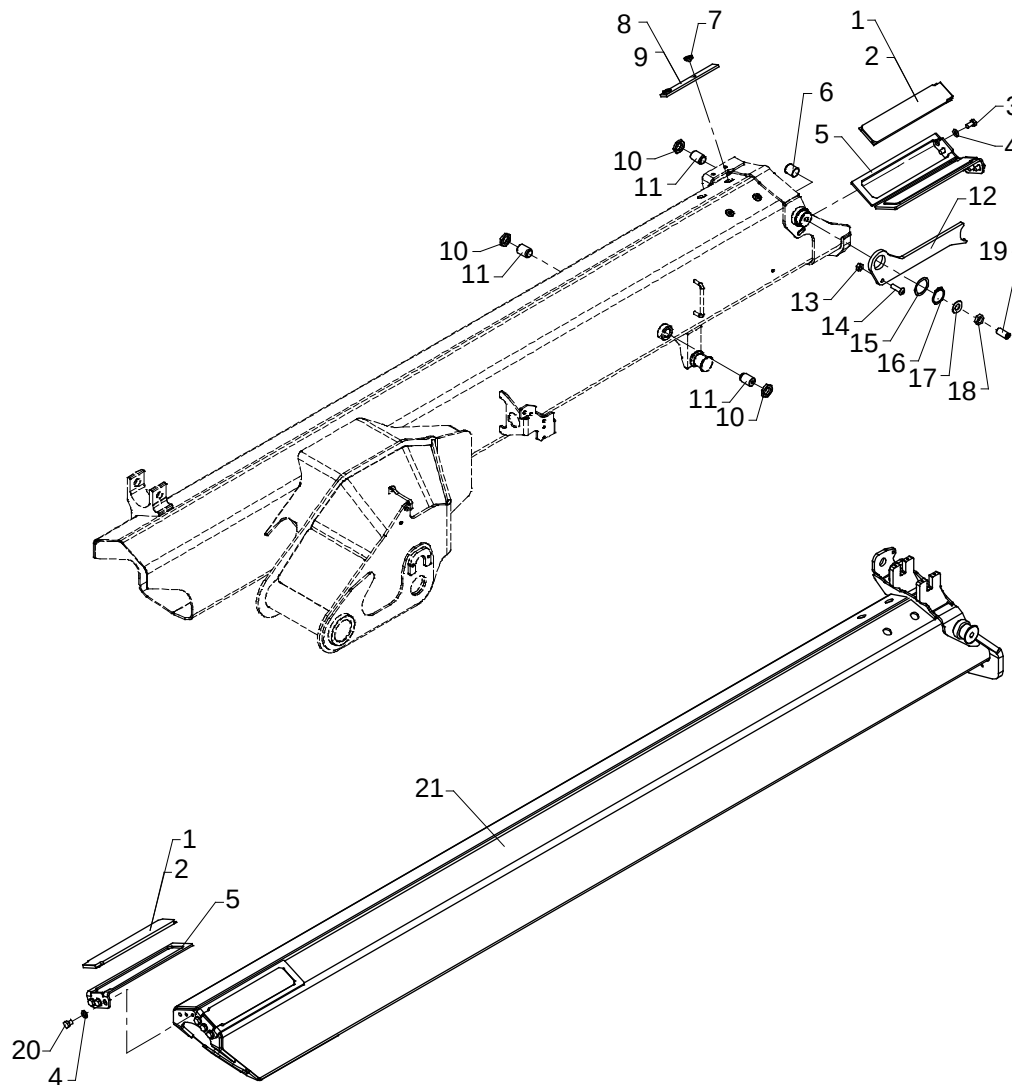
Jib, complete (53303010)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340280	Jib	6340281
2	1	63475	Plate	
3	2	23410	Composite bearing	ø55/60 x 60

Fitting of jib and jib cylinder (53303030)



Fitting of jib and jib cylinder (53303030)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340206	Pin	
2	1	6340318	Lock plate	
3	2	31155	Spring washer	8 mm
4	2	30131	Set screw, stainless	M8 x 16
5	1	6340201	Pin	
6	2	63472	Plug	
7	1	64371	Plug	
8	1	33132	Circlip Din 471	55U
9	1	33277	Washer	PS 55 x 68 x 1,0

Jib extension I incl. fittings (53303100)

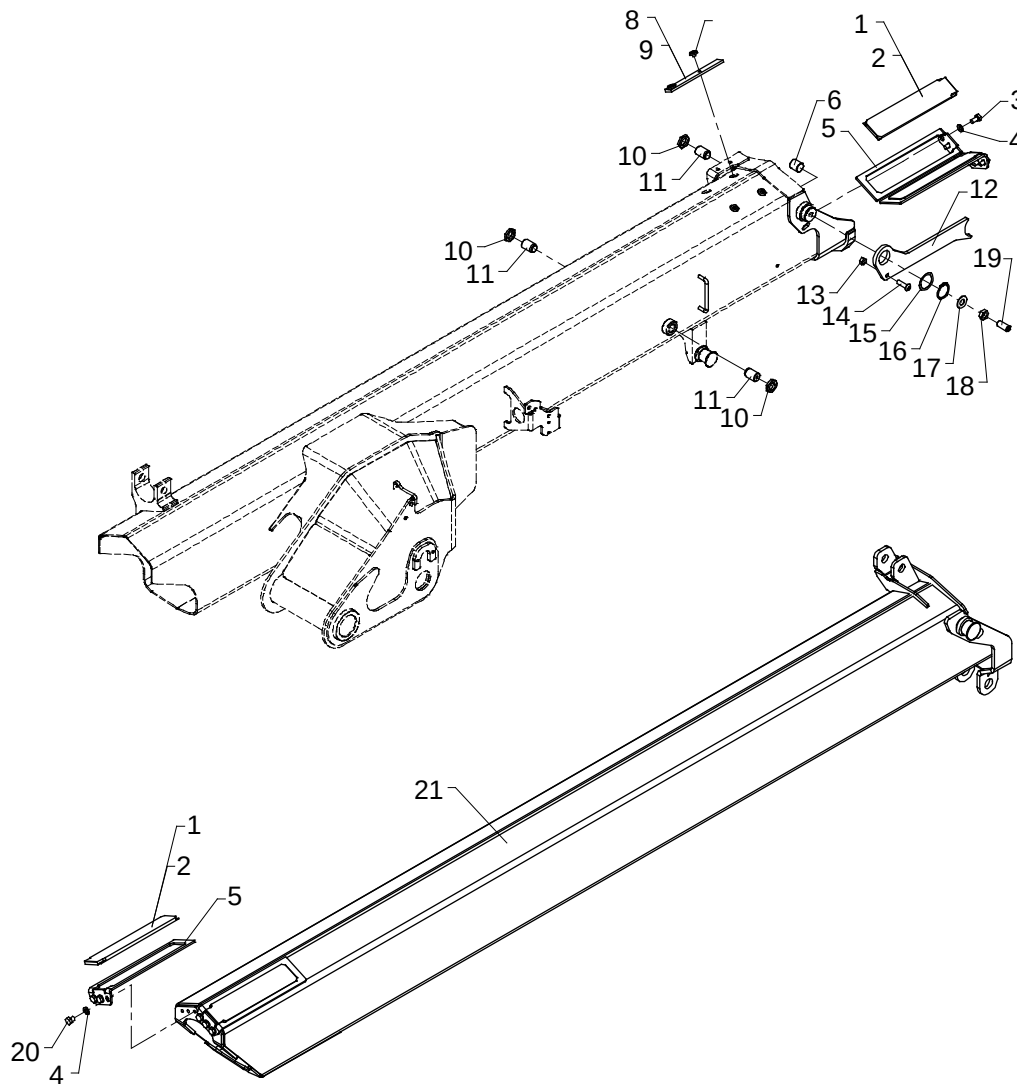


Jib extension I incl. fittings (53303100)

Pos	Qty.	Part no.	Description	Remarks
1	4	63585	Slide block	8 mm
2	4	63586	Slide block	9 mm
3	6	31517	Set screw, stainless	M10 x 20
4	12	31177	Washer	10 mm
5	4	6300399	Bracket for slide block	
6	1	6340335	Guide	
7	4	31865	Torx screw M8 x 6 m	M8 x 6
8	2	6243004	Wear plate	6 mm
9	2	6244064	Wear plate	7 mm
10	3	32364	Counter nut	M24 x 2
11	3	6304409	Guide	

Jib extension I incl. fittings (53303100)				
Pos	Qty.	Part no.	Description	Remarks
12	1	6340319	Stop	
13	1	30858	Nut	M10
14	1	31772	Screw	M10 x 35
15	1	31102	Washer	ø40 x 50 x 1,0
16	1	33121	Circlip	40U
17	1	31196	Washer	16 mm
18	1	30821	Counter nut	M16
19	1	30567	Pointed screw	MSP16 x 35
20	6	30152	Set screw	M10 x 14
21	1	6340321	Extension I	

Jib extension K1 incl. fittings (53303105)

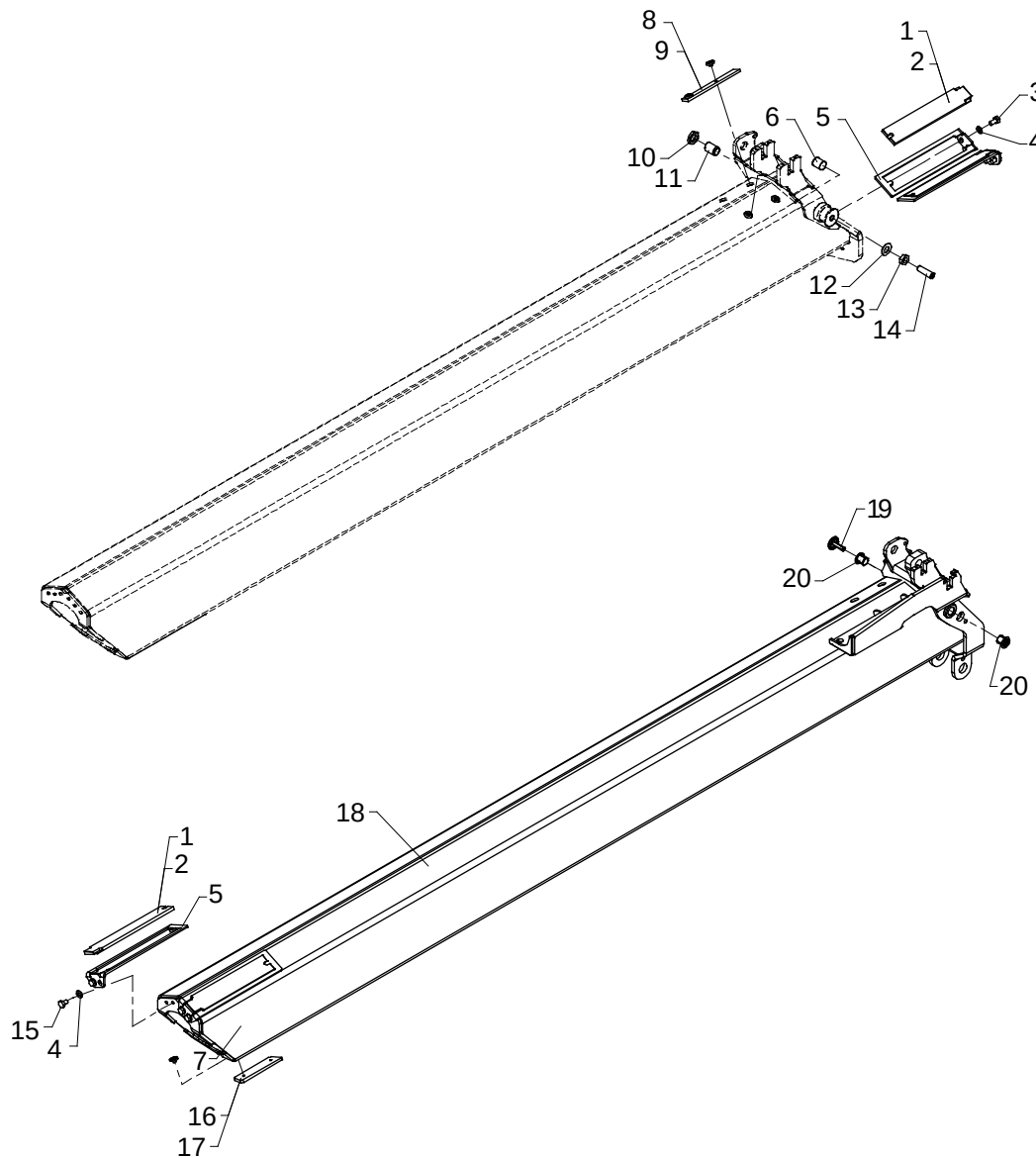


Jib extension K1 incl. fittings (53303105)

Pos	Qty.	Part no.	Description	Remarks
1	4	63585	Slide block	8 mm
2	4	63586	Slide block	9 mm
3	6	31517	Set screw, stainless	M10 x 20
4	12	31177	Washer	10 mm
5	4	6300399	Bracket for slide block	
6	1	6340335	Guide	
7	4	31865	Torx screw M8 x 6 m	M8 x 6
8	2	6243004	Wear plate	6 mm
9	2	6244064	Wear plate	7 mm
10	3	32364	Counter nut	M24 x 2
11	3	6304409	Guide	

Jib extension K1 incl. fittings (53303105)				
Pos	Qty.	Part no.	Description	Remarks
12	1	6340319	Stop	
13	1	30858	Nut	M10
14	1	31772	Screw	M10 x 35
15	1	31102	Washer	ø40 x 50 x 1,0
16	1	33121	Circlip	40U
17	1	31196	Washer	16 mm
18	1	30821	Counter nut	M16
19	1	30567	Pointed screw	MSP16 x 35
20	6	30152	Set screw	M10 x 14
21	1	6340661	Extension K1	

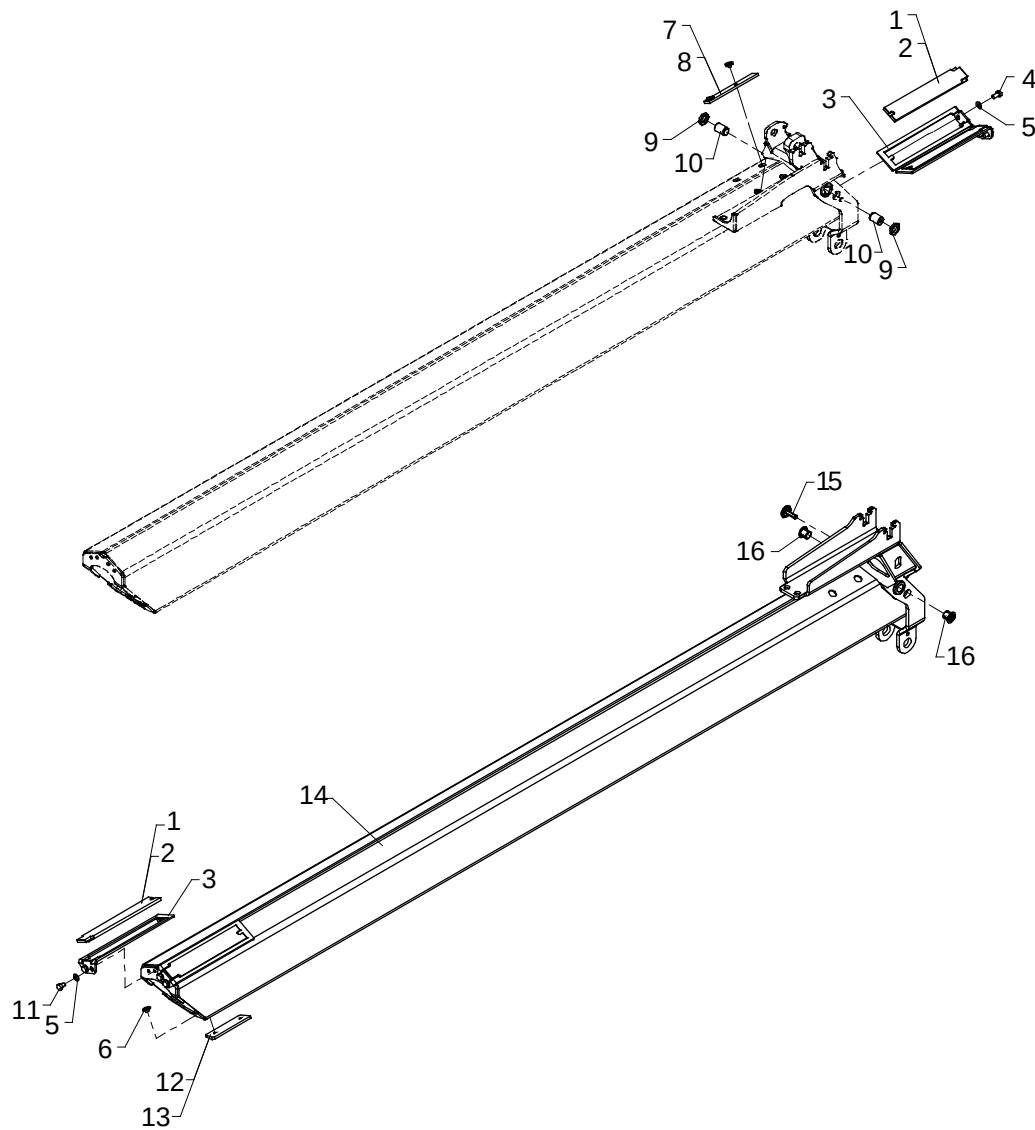
Jib extension K2 incl. fittings (53303110)



Jib extension K2 incl. fittings (53303110)				
Pos	Qty.	Part no.	Description	Remarks
		6340340	Jib extension K2 incl.fittings	
1	4	63588	Slide block	8 mm
2	4	63589	Slide block	9 mm
3	4	31517	Set screw, stainless	M10 x 20
4	8	31177	Washer	10 mm
5	4	6300368	Bracket for slide block	
6	1	6340335	Guide	
7	8	31865	Torx screw M8 x 6 m	M8 x 6
8	2	6243004	Wear plate	6 mm

Jib extension K2 incl. fittings (53303110)				
Pos	Qty.	Part no.	Description	Remarks
9	2	6244064	Wear plate	7 mm
10	1	32364	Counter nut	M24 x 2
11	1	6304409	Guide	
12	1	31196	Washer	16 mm
13	1	30821	Counter nut	M16
14	1	32495	Pointed screw	MSP16 x 50
15	4	30152	Set screw	M10 x 14
16	2	6340377	Spacer	6 mm
17	2	6340378	Spacer	7 mm
18	1	6340341	Extension II	
19	1	63568	Plastic plug with logo	
20	2	63487	Plug	

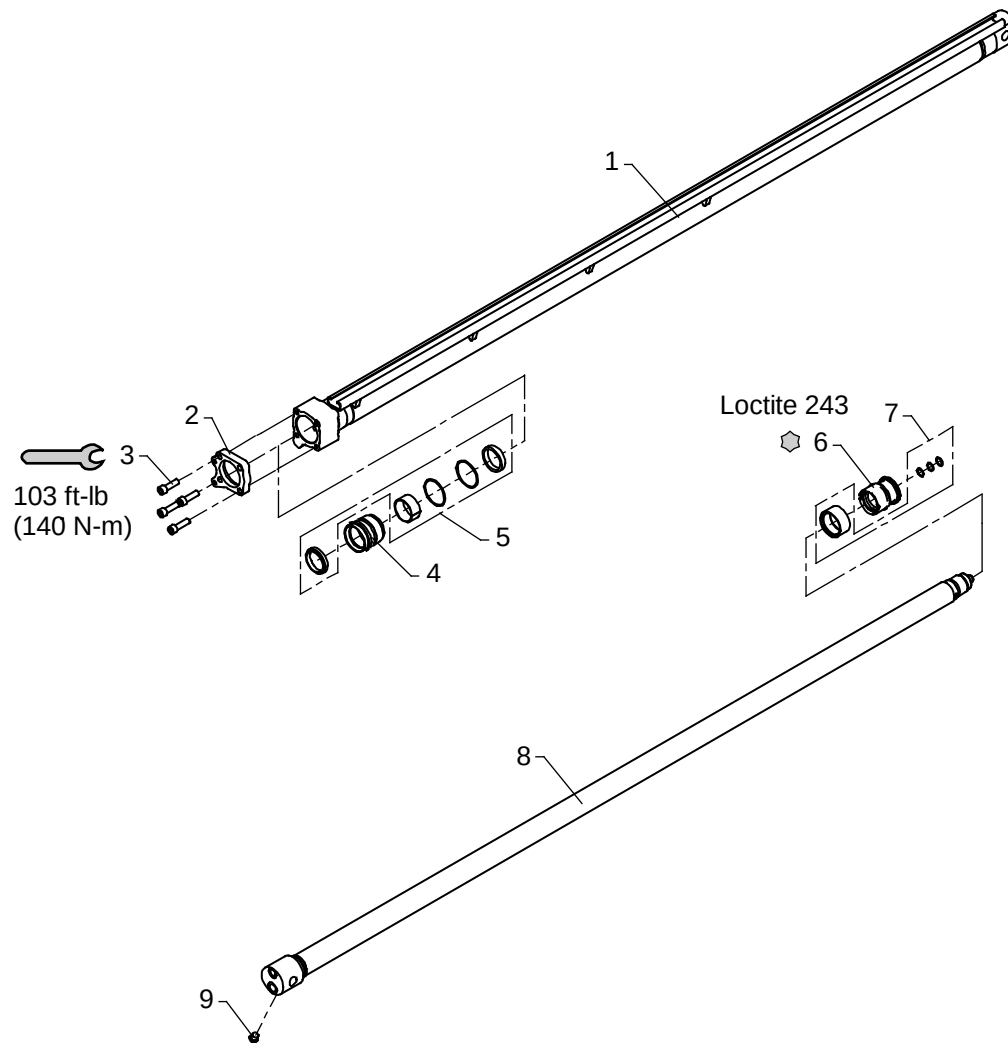
Jib extension K3 incl. fittings (53303120)



Jib extension K3 incl. fittings (53303120)				
Pos	Qty.	Part no.	Description	Remarks
		6340360	Jib extension K3 incl.fittings	
1	4	63588	Slide block	8 mm
2	4	63589	Slide block	9 mm
3	4	6300368	Bracket for slide block	
4	4	31517	Set screw, stainless	M10 x 20
5	8	31177	Washer	10 mm
6	8	31865	Torx screw M8 x 6 m	M8 x 6
7	2	6243004	Wear plate	6 mm
8	2	6244064	Wear plate	7 mm
9	2	32364	Counter nut	M24 x 2

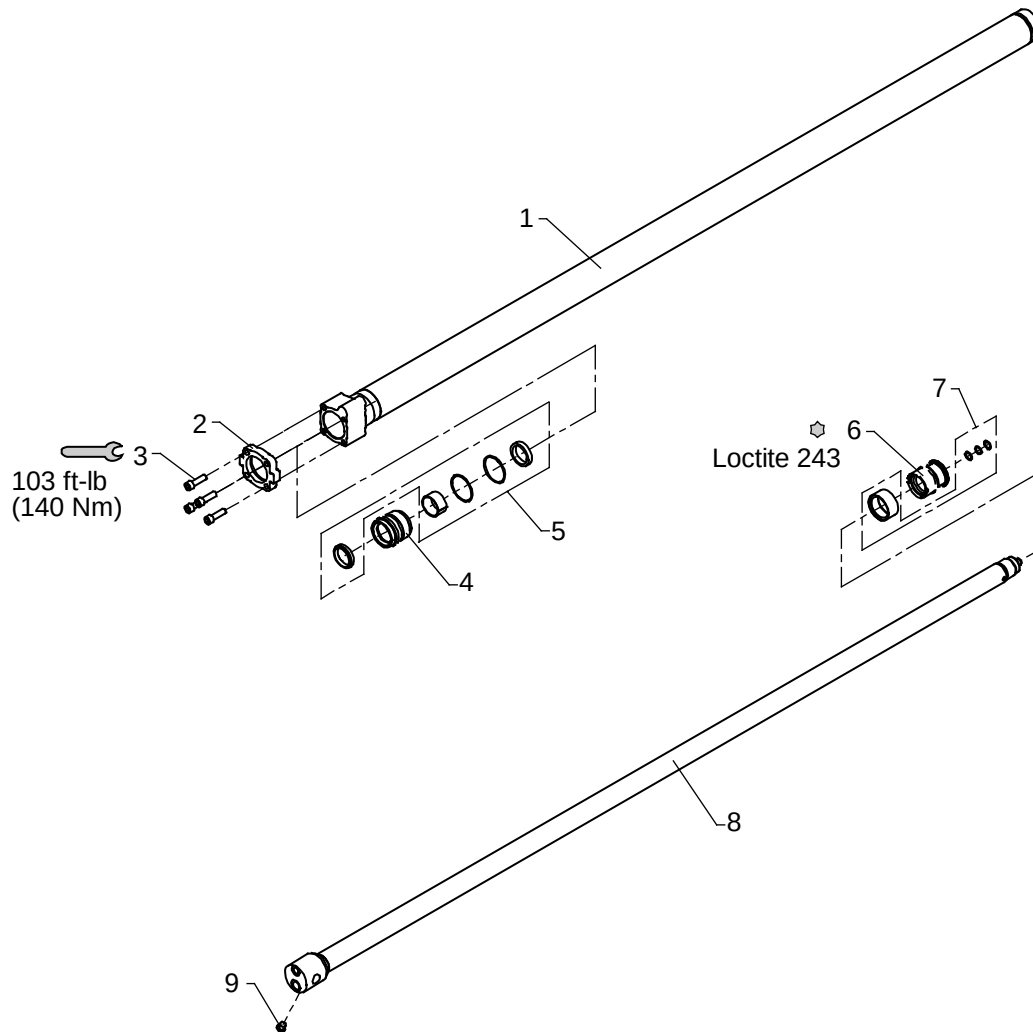
Jib extension K3 incl. fittings (53303120)				
Pos	Qty.	Part no.	Description	Remarks
10	2	6304409	Guide	
11	4	30152	Set screw	M10 x 14
12	2	6340377	Spacer	6 mm
13	2	6340378	Spacer	7 mm
14	1	6340361	Extension III	
15	1	63568	Plastic plug with logo	
16	2	63487	Plug	

Extension cylinder I (C63/50 x 1935) (53303300)



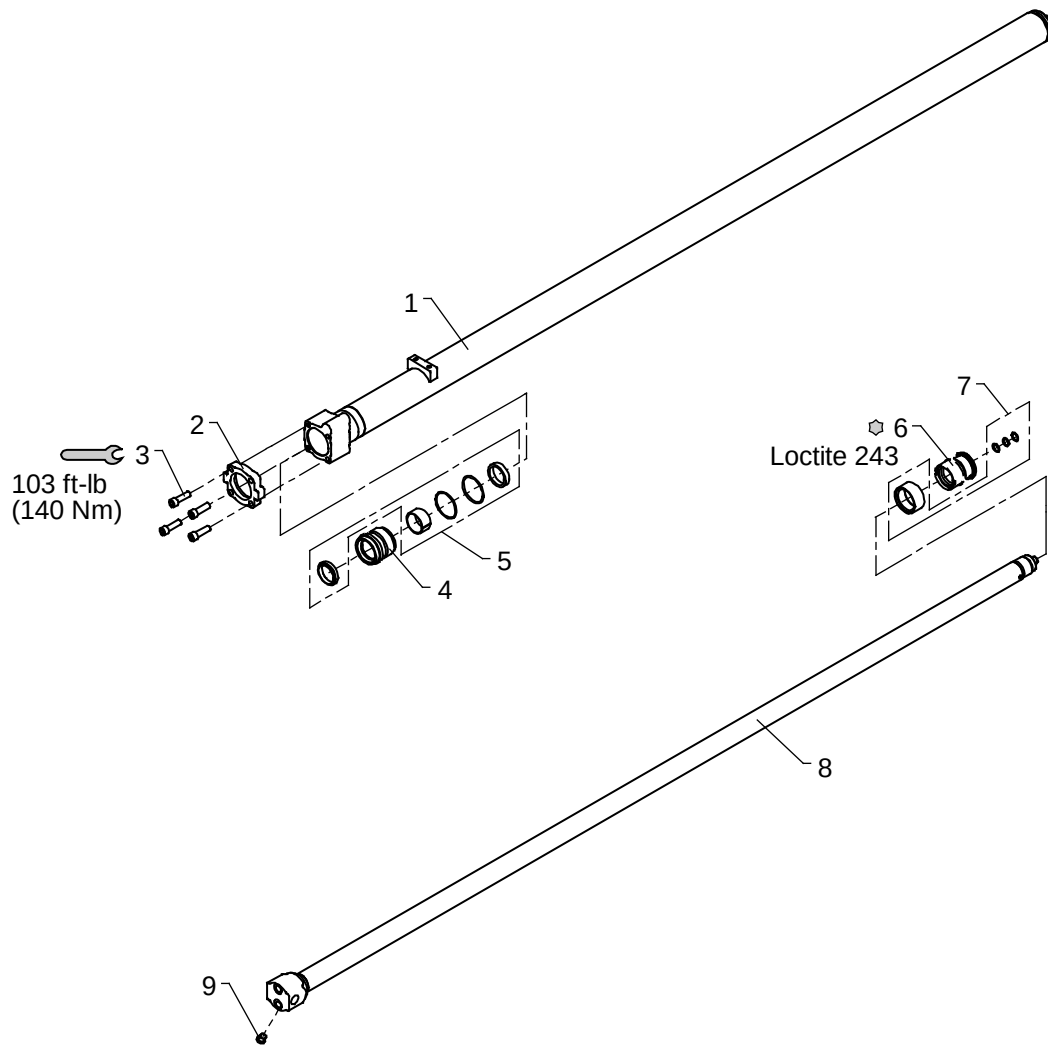
Extension cylinder I (C63/50 x 1935) (53303300)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340545	Cylinder pipe	
2	1	6340553	Mounting flange	
3	4	30475	Screw	MC12 x 40
4	1	6340551	Guide	
5	1	6894130	Seal kit f. guide	
6	1	6340552	Piston	
7	1	6894120	Seal kit f. piston	
8	1	6340541	Piston rod	
9	1	25197	Plug	VS-R-1/4 WD

Extension cylinder II (C63/45 x 2000) (53303310)



Extension cylinder II (C63/45 x 2000) (53303310)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340565	Cylinder pipe	
2	1	6340567	Mounting flange	
3	4	30475	Screw	MC12 x 40
4	1	6340554	Guide	
5	1	6894140	Seal kit f. guide	
6	1	6340552	Piston	
7	1	6894120	Seal kit f. piston	
8	1	6340561	Piston rod	
9	1	25197	Plug	VS-R-1/4 WD

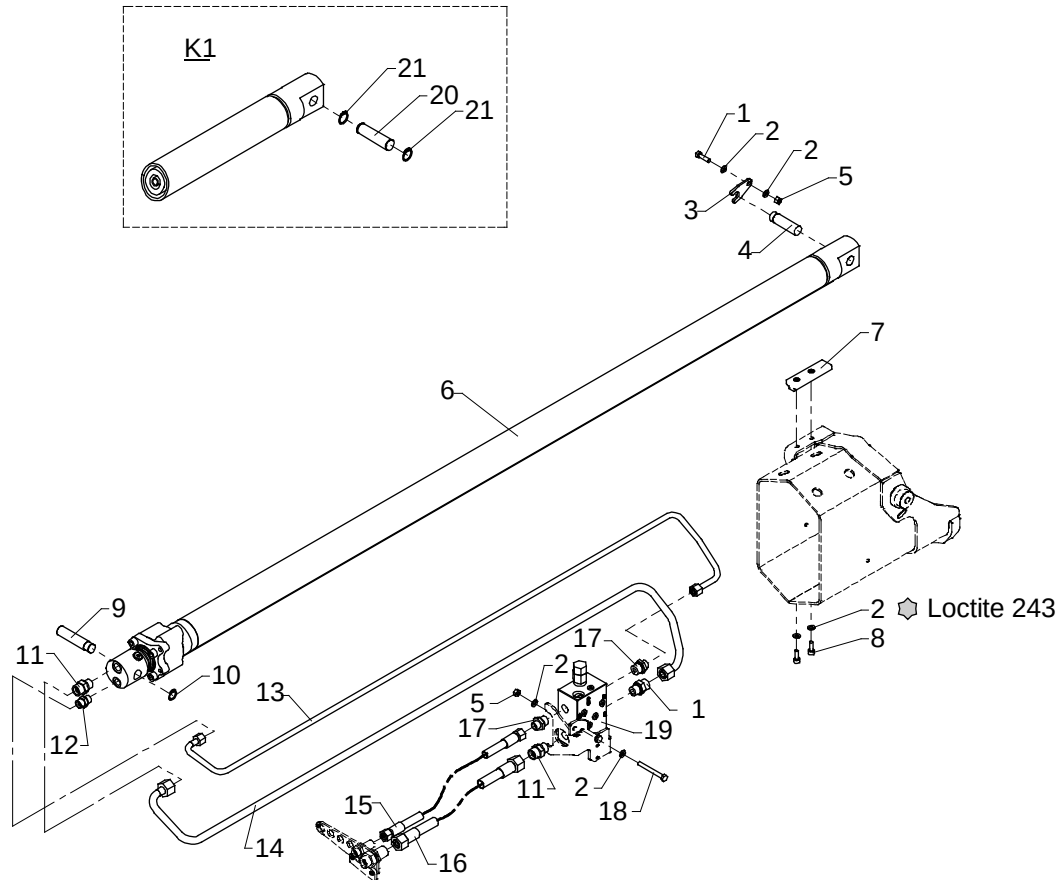
Extension cylinder III (C63/45 x 2100) (53303320)



Extension cylinder III (C63/45 x 2100) (53303320)

Pos	Qty.	Part no.	Description	Remarks
1	1	6340575	Cylinder pipe	
2	1	6340567	Mounting flange	
3	4	30475	Screw	MC12 x 40
4	1	6340554	Guide	
5	1	6894140	Seal kit f. guide	
6	1	6340552	Piston	
7	1	6894120	Seal kit f. piston	
8	1	6340571	Piston rod	
9	1	25197	Plug	VS-R-1/4 WD

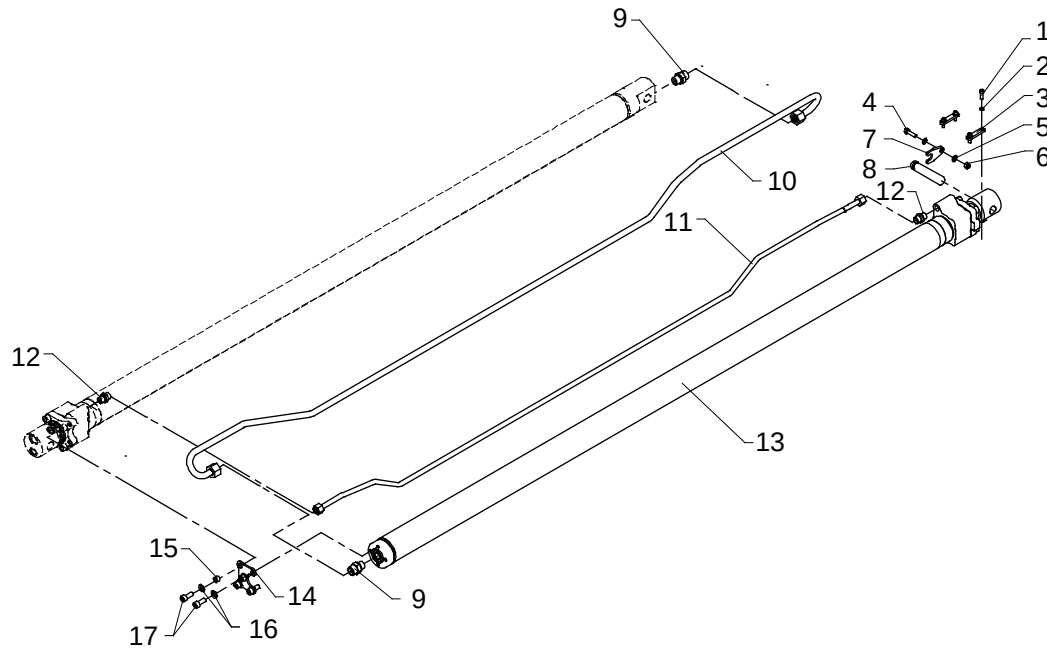
Extension cylinder I incl. fittings (53303500)



Extension cylinder I incl. fittings (53303500)				
Pos	Qty.	Part no.	Description	Remarks
		6340330	Extension cylinder I +fittings	
		6341730	Extension cylinder I +fittings	
1	1	30135	Set screw, stainless	M8 x 30
2	8	31147	Washer, stainless	8 mm
3	1	6340337	Lock plate	
4	1	6340522	Pin	
5	3	30886	Lock nut, stainless	M8
6	1	6340540	Extension cylinder I	
7	1	63689	Slide block with bushing	
8	2	30460	Sockethead screw	MC8 x 22
9	1	6340521	Pin	
10	1	33108	Circlip	20U
11	3	26334	Connection	P-GEV 16 SR-WD
12	1	25127	Connection	P-GEV 12 LR-WD
13	1	6340642	Pipe K1 retract	

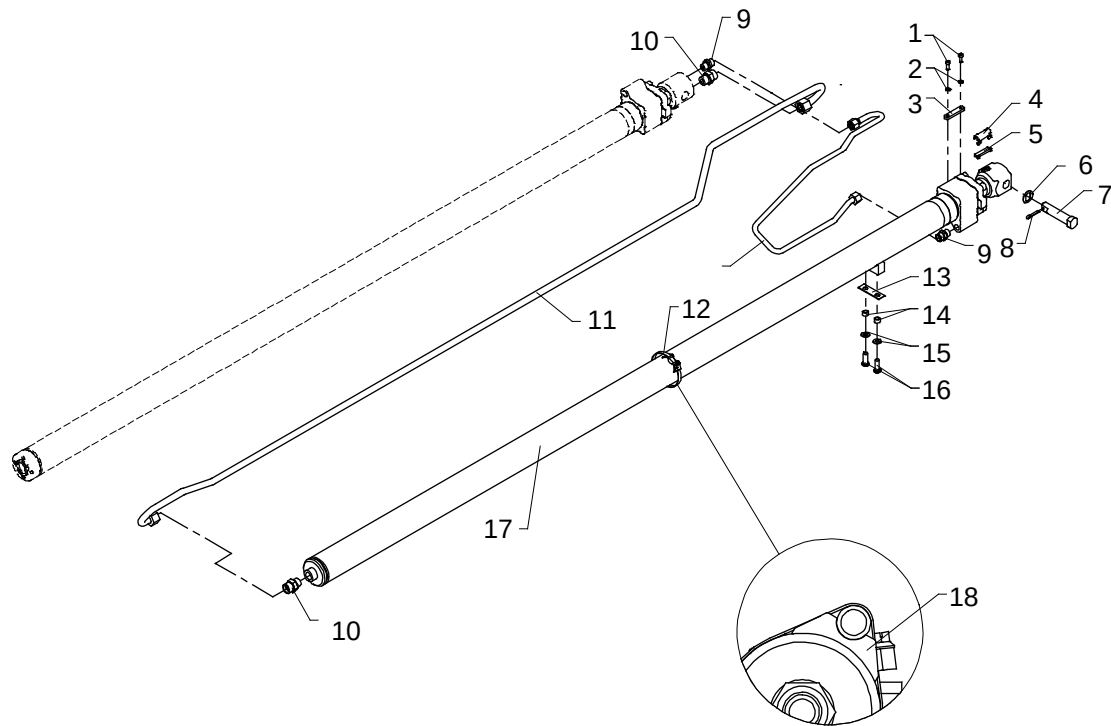
Extension cylinder I incl. fittings (53303500)				
Pos	Qty.	Part no.	Description	Remarks
14	1	6340641	Pipe CI	
15	1	56383	Hose	3/8" x 650 mm L/L
16	1	56384	Hose	1/2" x 680 mm L/L
17	2	25108	Connection	GES 12 LR 1/2- WD
18	2	30812	Steel bolt, stainless	M8 x 75
19	1	59044	Load holding valve	
20	1	6304229	Pin	K1
21	2	33110	Circlip	K1

Extension cylinder II incl. fittings (53303510)



Extension cylinder II incl. fittings (53303510)						
Pos	Qty	Part no.	Description	Notes		
1.	4	30427	Screw	MC6 x 20	4	
2.	4	31154	Spring washer, stainless	6 mm	4	
3.	2	6340336	Lock plate		2	
4.	1	30135	Set screw, stainless	M8 x 30	1	
5.	2	31147	Washer, stainless	8 mm	2	
6.	1	30886	Lock nut, stainless	M8	1	
7.	1	6340337	Lock plate		1	
8.	1	6340523	Pin		1	
9.	2	26334	Connection	P-GEV 16 SR-WD	2	
10.	1	6340643	Pipe CII		1	
11.	1	6340644	Pipe CII		1	
12.	2	25127	Connection	P-GEV 12 LR-WD	2	
13.	1	6340560	Extension cylinder II		1	
14.	1	6340524	Connecting plate		1	
15.	2	6302369	Spacer		2	
16.	5	31177	Washer	10 mm	5	
17.	5	30453	Screw	MC10 x 25	5	

Extension cylinder III incl. fittings (53303520)



Extension cylinder III incl. fittings (53303520)				
Pos	Qty	Part no.	Description	Notes
1.	2	31539	Screw, stainless	MC6 x 16
2.	2	31154	Spring washer, stainless	6 mm
3.	1	6340336	Lock plate	
4.	1	31920	Clip, stainless	10mm
5.	1	6340317	Lock plate	(10 mm)
6.	1	6340526	Spacer	
7.	1	6344525	Pin	
8.	1	31634	Split pin	ø5 x 32
9.	2	25127	Connection	P-GEV 12 LR-WD
10.	2	26334	Connection	P-GEV 16 SR-WD
11.	1	6340645	Pipe CIII	
12.	1	6340646	Pipe CIII	
13.	1	6304279	Shim	
14.	2	6300799	Spacer	
15.	2	31177	Washer	10 mm
16.	2	30649	Screw	M10 x 30
17.	1	6340570	Extension cylinder III	
18.	1	64409	Clamp	
19.	1	31406	Clip	

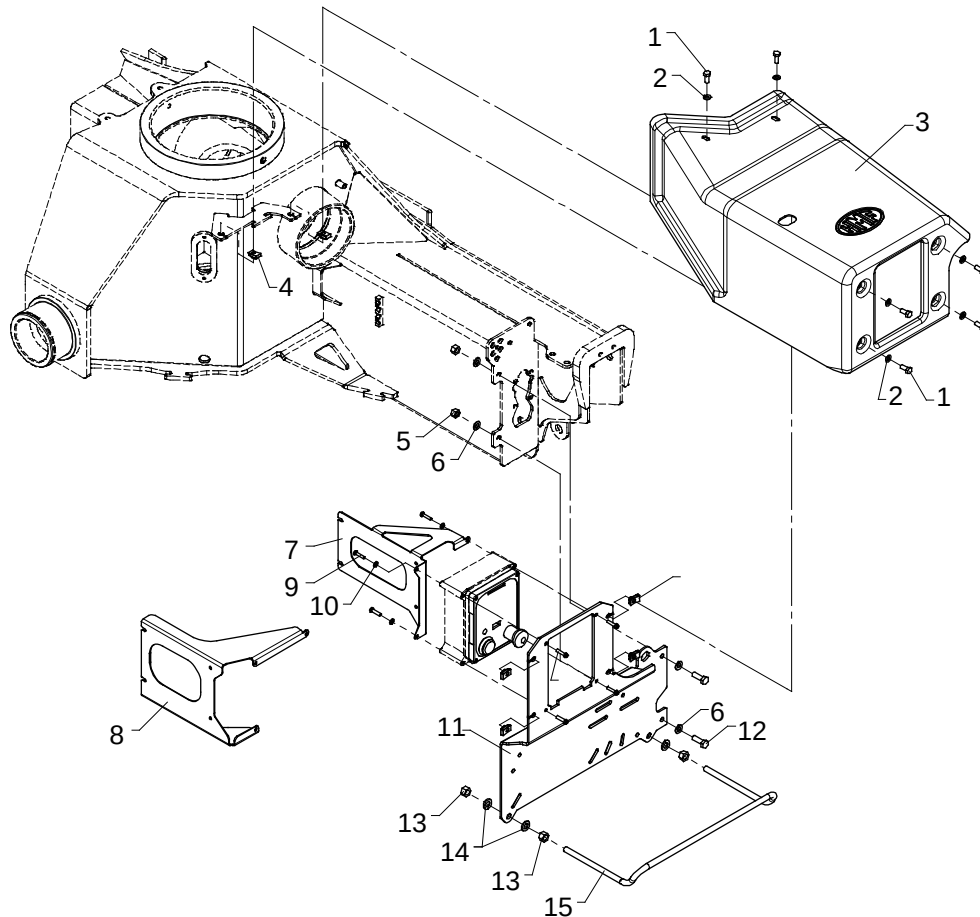
CHAPTER 6

Hydraulic Systems

In This Chapter

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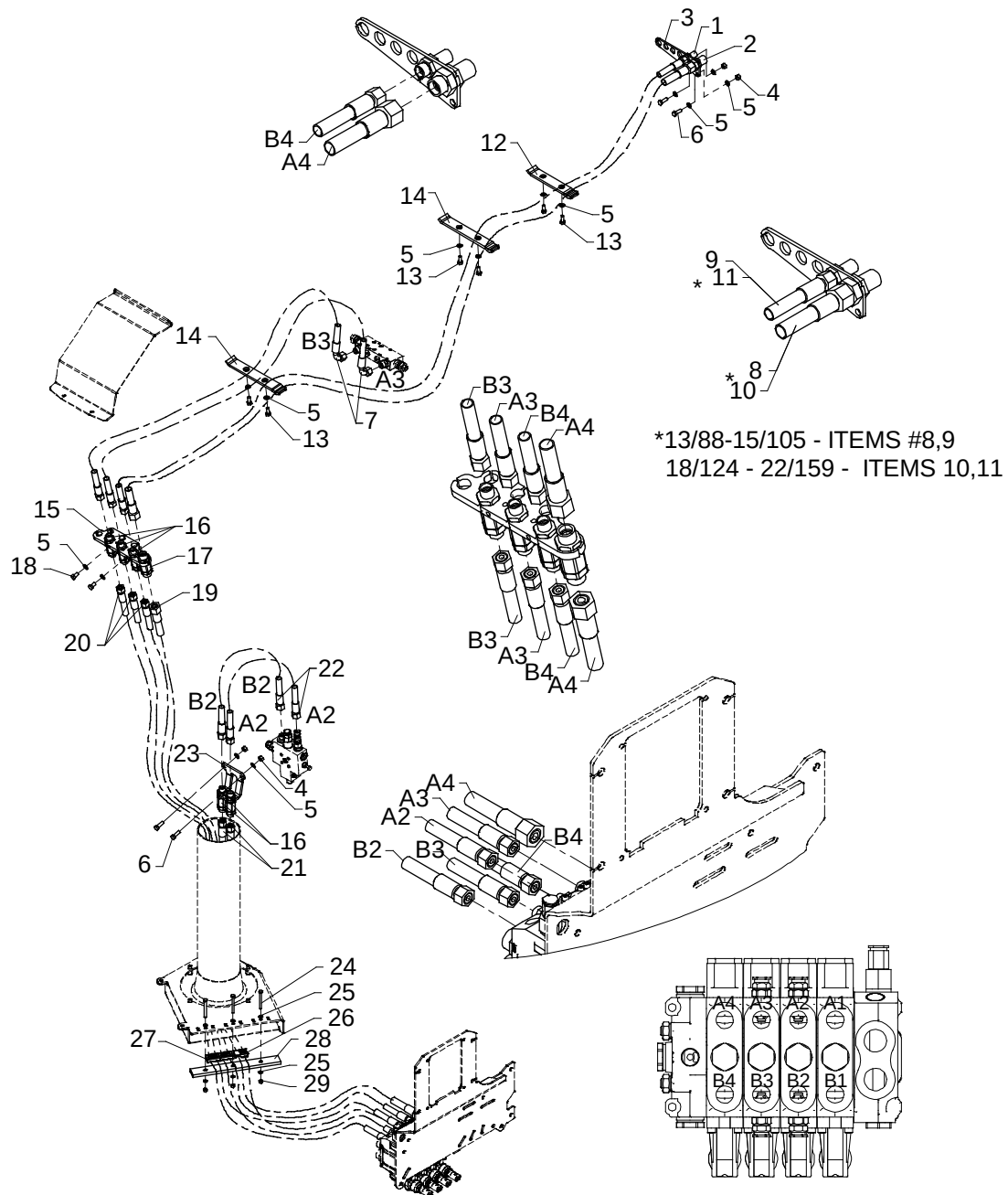
Valve brackets (53305010)



Valve brackets (53305010)				
Pos	Qty.	Part no.	Description	Remarks
		6340950	Valve brackets	
		6340940	Valve brackets	
1	6	30132	Set screw, stainless	M8 x 20
2	6	31147	Washer, stainless	8 mm
3	1	64407	Shield	
4	6	31069	Clip	M8 1,5 - 5,5 mm.
5	2	31564	Lock nut, stainless	M10
6	4	31565	Washer, stainless	10 mm
7	1	6340242	Mounting fittings	
8	1	6340243	Mounitng bracket	
9	7	30340	Screw, stainless	6,0 x 25
10	3	32302	Face washer, stainless	6 mm
11	1	6340241	Valve bracket	
12	2	30156	Set screw, stainless	M10 x 30
13	4	30860	Nut, stainless	M12

Valve brackets (53305010)				
Pos	Qty.	Part no.	Description	Remarks
14	4	32338	Washer	12 mm
15	1	6239973	Clamp	

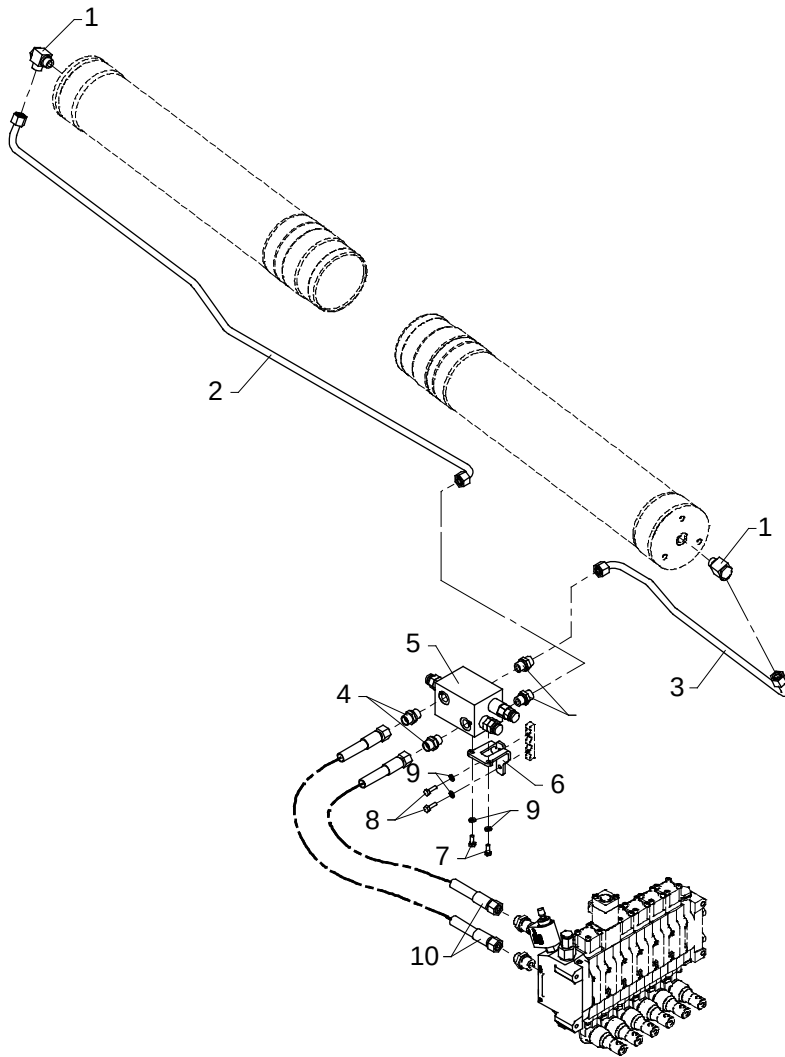
Hose kit, loader functions, std. (53305400)



Hose kit, loader functions, std. (53305400)				
Pos	Qty.	Part no.	Description	Remarks
		6343010	Hose kit, column, std.	
		6343080	Hose kit, boom cylinder	
		6343090	Hose kit, main boom, std.	
		6346450	Hose kit, main boom, std.V	
		6343250	Clamp kit, std.	

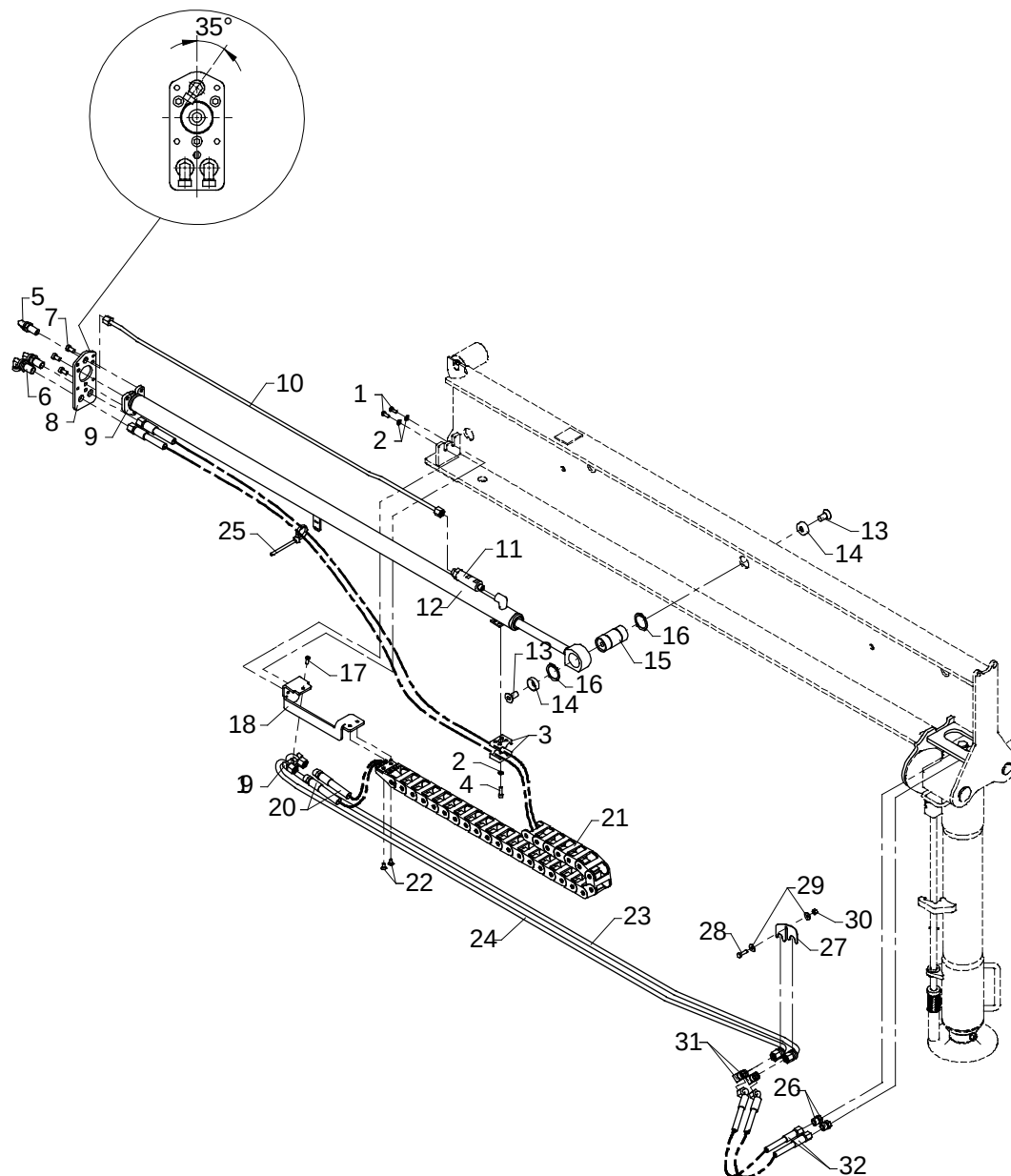
Hose kit, loader functions, std. (53305400)				
Pos	Qty.	Part no.	Description	Remarks
1	1	25201	Bulkhead connection	GSS 12 L
2	1	26335	Bulkhead connection	P-GSV 16 S
3	1	6340315	Bracket, bulkhead connections	
4	4	30886	Lock nut, stainless	M8
5	14	31147	Washer, stainless	8 mm
6	4	30134	Set screw, stainless	M8 x 25
7	2	17690	Hose	
8	1	56382	Hose	1/2 X 3400 mm L/L
9	1	17600	Hose	
10	1	56529	Hose	1/2 X 3500 mm L/L
11	1	17770	Hose	
12	1	6340211	Clamp, complete	
13	6	30132	Set screw, stainless	M8 x 20
14	2	6340213	Clamp, complete	
15	1	6340252	Bracket for swivel coupling	
16	5	58478	Swivel coupling	M18 x 1,5 12L
17	1	58479	Swivel coupling	M24 x 1,5 16L
18	2	30131	Set screw, stainless	M8 x 16
19	1	62846	Hose	1/2 X 2750 M24X1.5 L/L
20	3	15130	Hose	
21	2	15120	Hose	
22	2	15500	Hose	
23	1	6340251	Clamp for swivel coupling	
24	3	31956	Set screw, stainless	M6 x 60
25	6	32302	Face washer, stainless	6 mm
26	1	63562	Clamp	
27	2	63561	Clamp	
28	1	6340238	Clamp, complete	
29	3	30884	Lock nut, stainless	M6

Hydraulic system, slewing (53305500)



Hydraulic system, slewing (53305500)				
Pos	Qty.	Part no.	Description	Remarks
1	2	25130	Banjo connection	RSWV 12 LR
2	1	6340279	Pipe	
3	1	6340278	Pipe	
4	4	25127	Connection	P-GEV 12 LR-WD
5	1	55262	Load-holding valve	
6	1	6340237	Bracket for load-holding valve	
7	2	30112	Set screw, stainless	M6 x 16
8	2	30113	Set screw, stainless	M6 x 20
9	4	32302	Face washer, stainless	6 mm
10	2	17970	Hose	

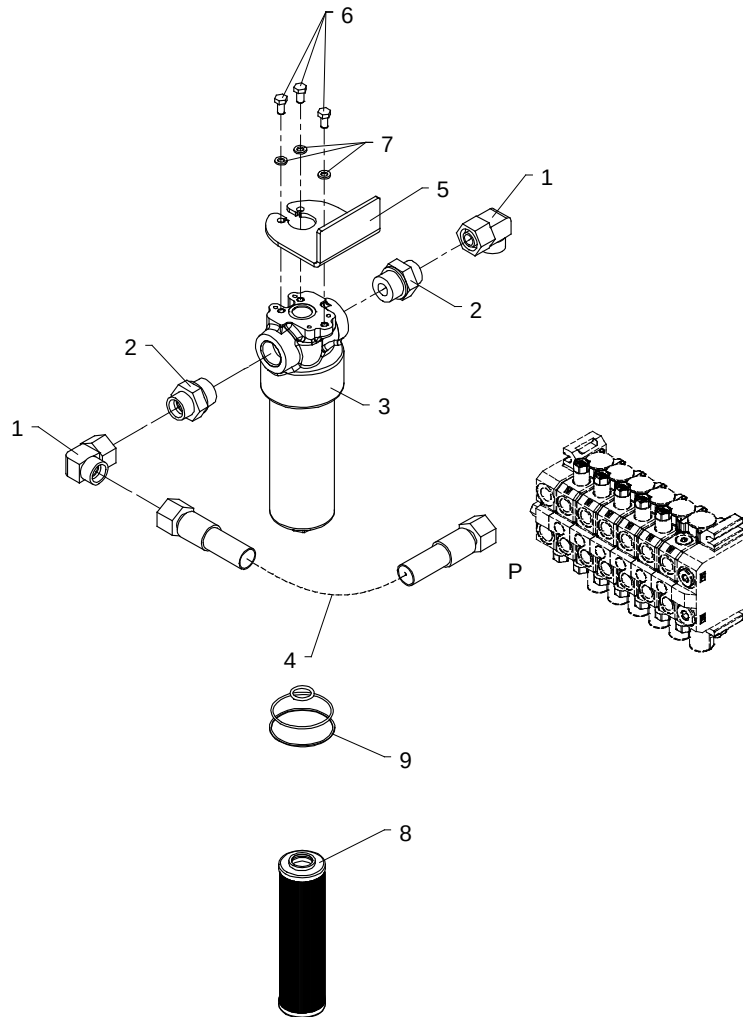
Hydraulic system, SH + SR-60° - 4600, hydr. extension (53305770)



Hydraulic system, SH + SR-60° - 4600, hydr. extension (53305770)				
Pos	Qty.	Part no.	Description	Remarks
1	2	31539	Screw, stainless	MC6 x 16
2	3	32302	Face washer, stainless	6 mm
3	2	64408	Clamp	
4	1	30427	Screw	MC6 x 20
5	1	26864	Elbow connection	WSS 8L
6	2	26894	Elbow connection	10mm - 90 gr.

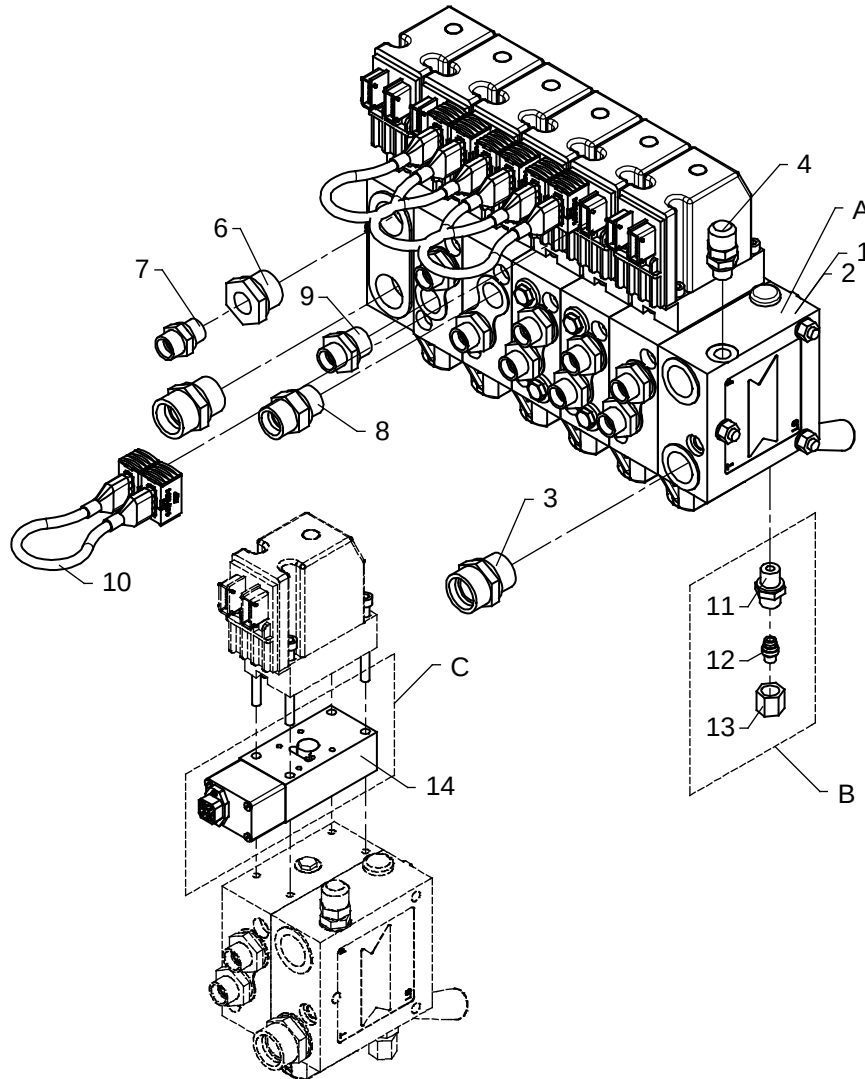
Hydraulic system, SH + SR-60° - 4600, hydr. extension (53305770)				
Pos	Qty.	Part no.	Description	Remarks
7	3	32478	Screw	M8 x 15
8	1	6344097	End plate	
9	1	6344098	Bracket	
10	1	6340799	Pipe, extension cylinder	
11	1	55228	Counter-balance valve	
12	1	6340790	Beam cylinder	
13	2	30586	Countersunk screw	MK12 x 25
14	2	6306241	Mounting plate	
15	1	6340118	Pin	Serie 1300/1500
16	2	33117	Circlip	35U
17	1	32490	Screw	MCL6 x 16
18	1	6344096	Clamp	
19	1	6306097	Clamp	
20	2	56364	Hose	5/16" x 2300 mm L/S - 10
21	1	28718	Nylon drag chain (26 links)	
22	2	30542	Counter-sunk screw	MK6 x 12
23	1	6340797	Pipe	
24	1	6340796	Pipe	
25	1	27275	Clip	7,6 x 390mm
26	2	25635	Screw	VSK 10L
27	1	6306164	Bracket	
28	1	30113	Set screw, stainless	M6 x 20
29	2	31134	Washer, stainless	6 mm
30	1	30884	Lock nut, stainless	M6
31	2	25125	Elbow connection	WV 10 L
32	2	56363	Hose	1/4" x 450 L/V

High-pressure filter (53306120)



High-pressure filter (53306120)				
Pos	Qty.	Part no.	Description	Remarks
1	2	26198	Elbow connection	EWVD 20 S-SV
2	2	26851	Connection	GES 20 SR 1-WD
3	1	49401	High pressure filter	
4	1	62626	Hose	
5	1	6882974	Bracket, high pressure filter	
6	3	30131	Set screw, stainless	M8 x 16
7	3	31155	Spring washer	8 mm
8	1	49402	Filter	
9	1	49417	Seal kit	

Control valves, Danfoss, 5 sections, fixed/variable flow with rotator (std./QOPS) (53306320)

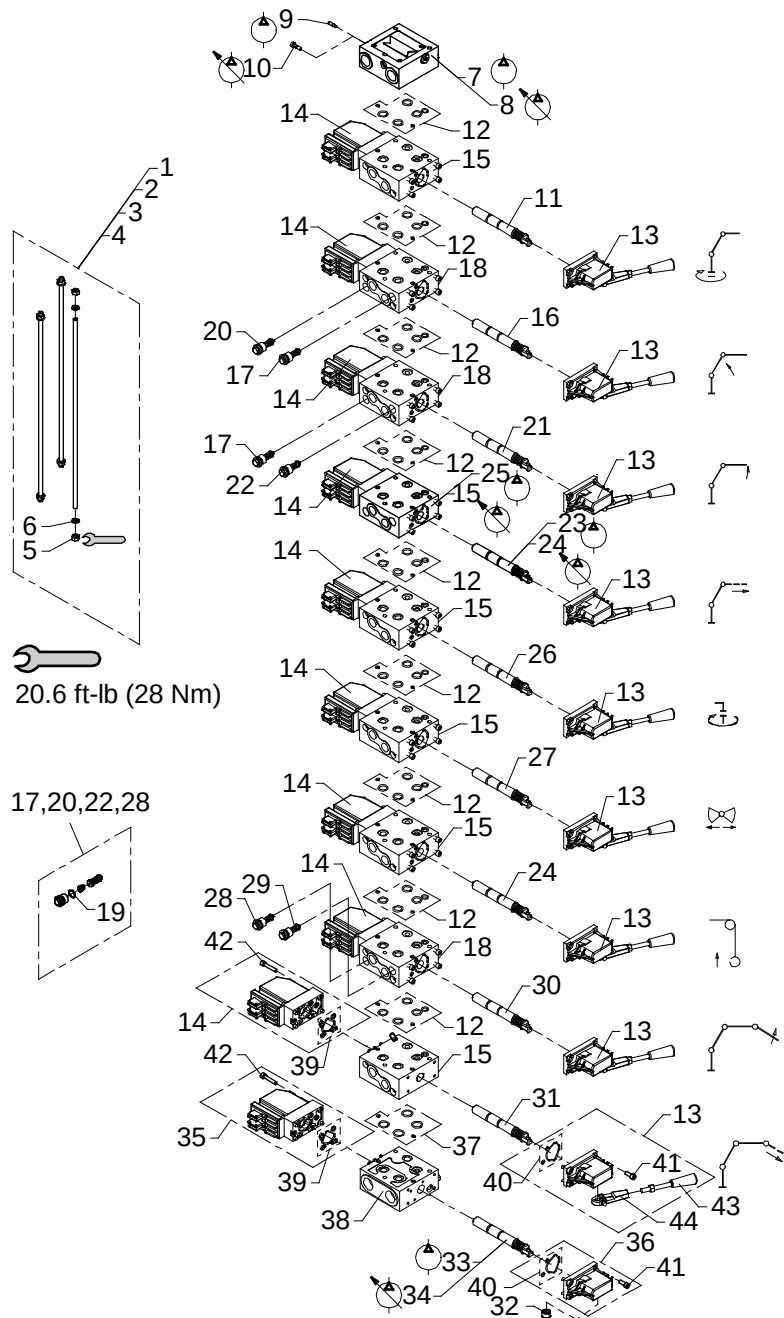


Control valves, Danfoss, 5 sections, fixed/variable flow with rotator (std./QOPS) (53306320)				
Pos	Qty.	Part no.	Description	Remarks
		6650440	Valve block, 5 sect., variable	
		6650450	Valve block, 5 sect., fixed	
		6650580	Valve block, 5 sect.,var. QOPS	
		6650590	Valve block, 5 sect.,fix. QOPS	
1	1	63303	Valve block	
2	1	63304	Valve block	
3	1	25169	Connection	P-GEV 22 LR-WD
4	1	26103	Pressure-gauge connect.	
5	1	26197	Connection	P-GEV 20 SR-WD
6	1	26319	Reducing connection	RED-R 3/4-WD/R 3/8

Control valves, Danfoss, 5 sections, fixed/variable flow with rotator (std./QOPS) (53306320)				
Pos	Qty.	Part no.	Description	Remarks
7	1	25127	Connection	P-GEV 12 LR-WD
8	1	26334	Connection	P-GEV 16 SR-WD
9	9	25108	Connection	GES 12 LR 1/2-WD
10	4	62296	Cable	
11	1	25109	Connection	GES 8 LR-WD
12	1	26166	Blanking plug	VSD 8 L
13	1	25181	Coupling nut	M 8 L
14	1	59676	Sensor	

	A	B	C
66 50 440	63 303	X	
66 50 450	63 304		
66 50 580	63 303	X	X
66 50 590	63 304		X

Danfoss control valve PVG32, 4-7 sections (53306490)



Danfoss control valve PVG32, 4-7 sections (53306490)

Pos	Qty.	Part no.	Description	Remarks
1		58965	Connecting kit, 4 sections	
2		58966	Connecting kit, 5 sections	
3		58967	Connecting kit, 6 sections	
4		58968	Connecting kit, 7 sections	
5		30856	Nut, stainless	M8

Danfoss control valve PVG32, 4-7 sections (53306490)				
Pos	Qty.	Part no.	Description	Remarks
6		62044	Washer	
7		58955	Inlet section, OC	Fast pumpe
8		58956	Inlet section, CC	Variabel pumpe
9		58941	Open centre kit	
10		62065	Closed center kit	
11		62207	Spool	
12		62237	Seal kit	
13		58907	Lever module inkl. lever	
14		62295	Electric activation	
15		62225	Basic module	
16		62033	Spool	
17		58931	Port-relief valve	350 bar
18		62227	Basic module	
19		62052	O-ring	
20		62274	Port-relief valve	125 bar
21		62209	Spool	
22		62286	Port-relief valve	250 bar
23		61963	Spool	Fast pumpe
24		62055	Spool	Variabel pumpe
25		62224	Basic module	
26		58902	Spool	
27		62070	Spool	
28		62283	Port-relief valve	320 bar
29		62278	Port-relief valve	190 bar
30		61964	Spool	
31		58903	Spool	
32		64416	Cover for sealing	
33		58959	Spool, OC	Fast pumpe
34		58960	Spool, CC	Variabel pumpe
35		58962	Electric activation	
36		58919	Lever module	
37		58925	Seal kit	
38		58958	PVSK valve section	
39		62240	Seal kit	
40		62239	Seal kit	
41		30424	Screw	MC6 x 16
42		62241	Screw	
43		62062	Lever	
44		59682	Foot for lever	

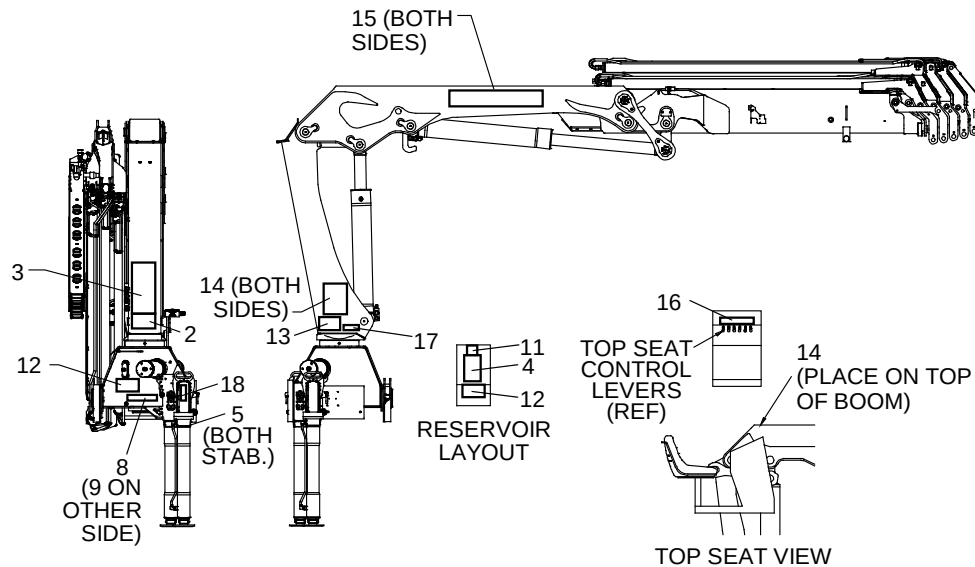
CHAPTER 7

Labels, Mounting Kits, Accessories

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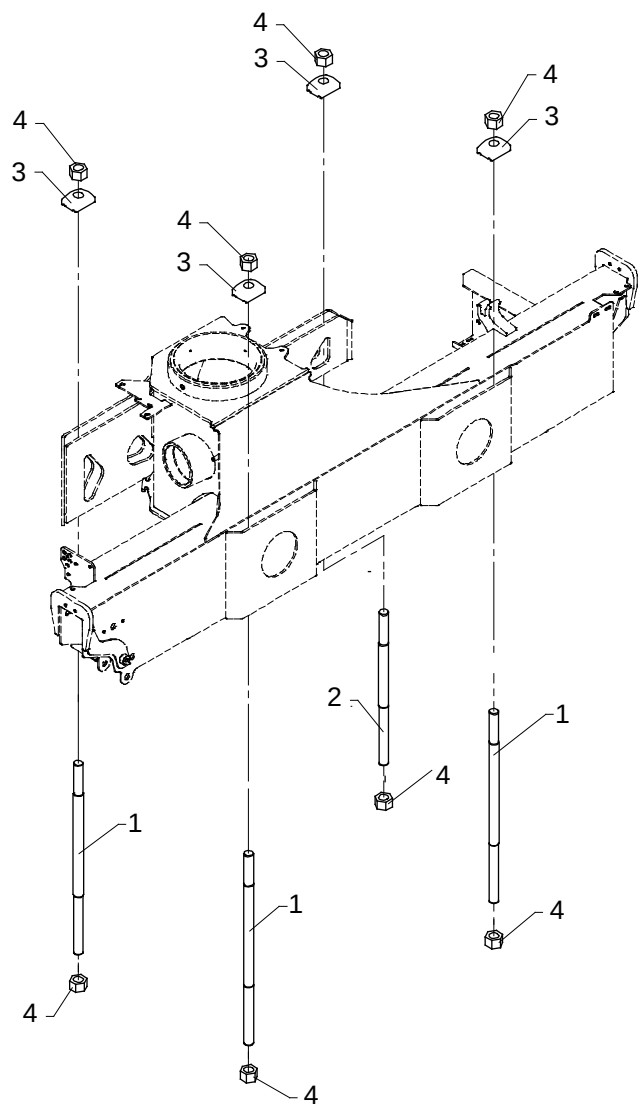
Loader Decal Placement (99904646)



Decal Placement (99904646)				
Pos	Qty.	Part no.	Description	Kit #
1	1	95720380	DECAL KIT - COMMON	
2	1	70397055	DECAL-GREASE, 15 TM	
3	1	70396918	DECAL-DANGER LARGE	1
4	1	70396919	DECAL-DANGER SMALL	1
5	2	70392864	DECAL-WARNING STAB STAND CLEAR	1
6	4	70392865	DECAL-DANGER ELEC HAZARD LG	1
7	4	70392868	DECAL-DANGER CR LOADLINE	1
8	1	66642	DECAL-CONTROLS, SS	
9	1	66646	DECAL-CONTROLS, CS	
10	2	70392891	DECAL-DANGER DRIVELINE	1
11	1	70394189	DECAL-MOBILOIL RESERVOIR	1
12	2	70391583	DECAL-SET UP/STOW INSTR.	1
13	1	70029119	PLACARD-SERIAL NO.	
14	2REF	70397541	DECAL-CP 14/98SL K3	
15	2REF	70397532	DECAL-ID 14/98 SERIES	
16	1REF		DECAL-CTRL CHAIR MT	
17	1	70396021	DECAL-MADE IN DENMARK	1
18	2REF	66638	DECAL-CONTROL PD STAB	

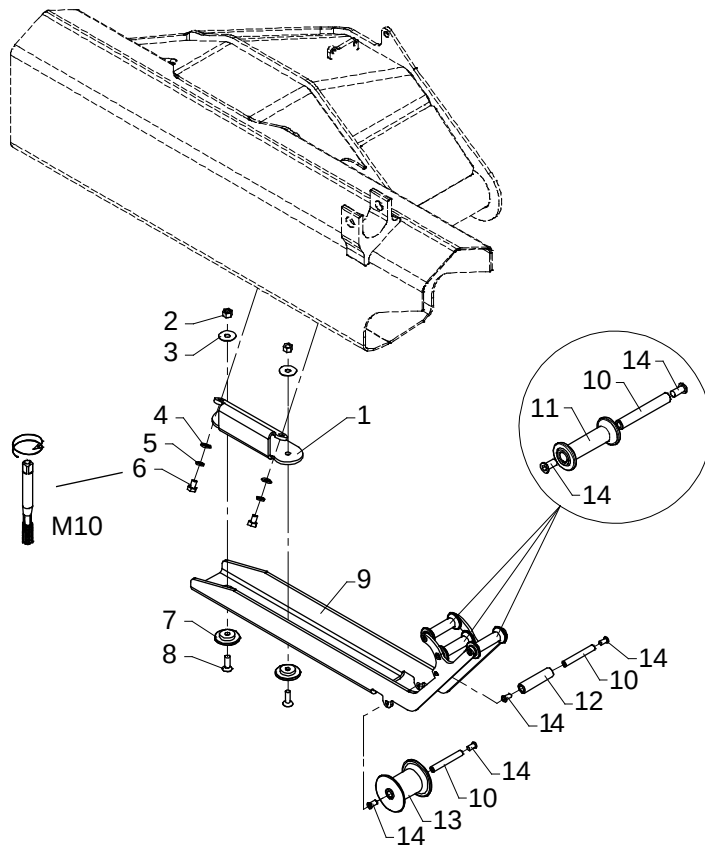
Decal Placement (If not shown on crane)	
ITEM	LOCATION:
6,7	One on all four sides of carrier vehicle
9	On curbside control handles.
10	At or near driveline.

Mounting kit (4 M30 x 2 pins) (53307110 ref)



Mounting Kit (4 M30 x 2 pins) (53307110)				
Pos	Qty.	Part no.	Description	Remarks
1	3	32918	Mounting bolt	
2	1	32919	Mounting bolt	
3	4	6340497	Mounting plate	
4	8	31086	Lock nut	M30 x 2

Bracket for hose reel, complete (jib) (53309280)



Bracket for hose reel, complete (jib) (53309280)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340623	Bracket	
2	2	30888	Lock nut	M10
3	2	31141	Washer	10 mm
4	2	31565	Washer, stainless	10 mm
5	2	31156	Spring washer	10 mm
6	2	30152	Set screw	M10 x 14
7	2	6340624	Guide shoe	
8	2	30581	Counter-sunk screw	MK10 x 30
9	1	6340625	Bracket for guide roller	
10	5	6301042	Pin	
11	3	63579	Guide roller	
12	1	63578	Guide roller	
13	1	63547	Guide roller	
14	10	32481	Screw	MCL8 x 16

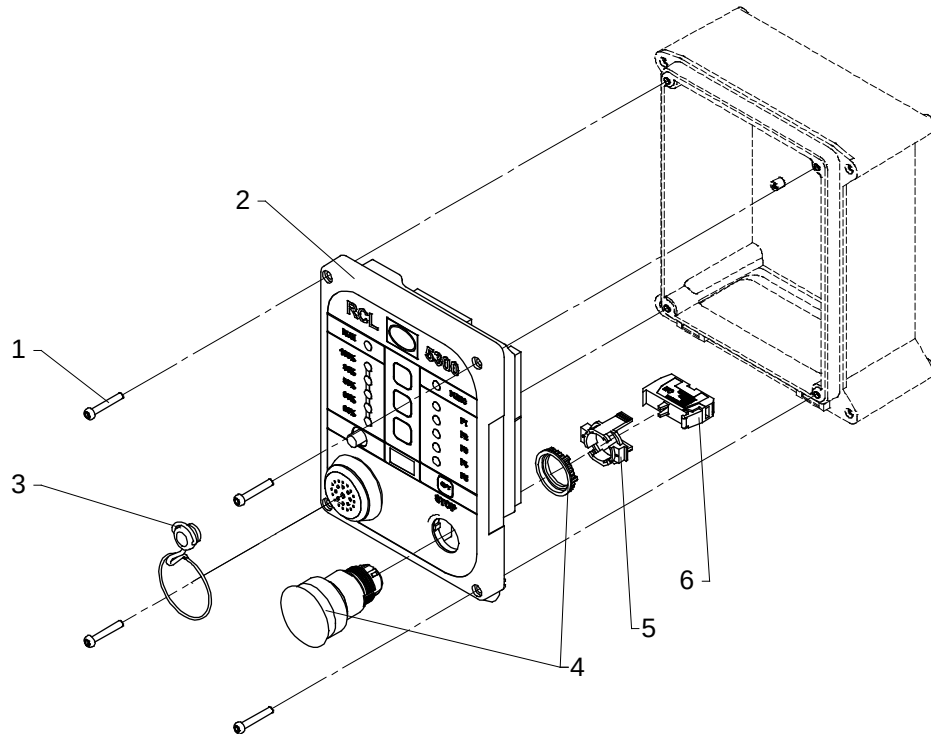
CHAPTER 8

Electrical Parts

In This Chapter

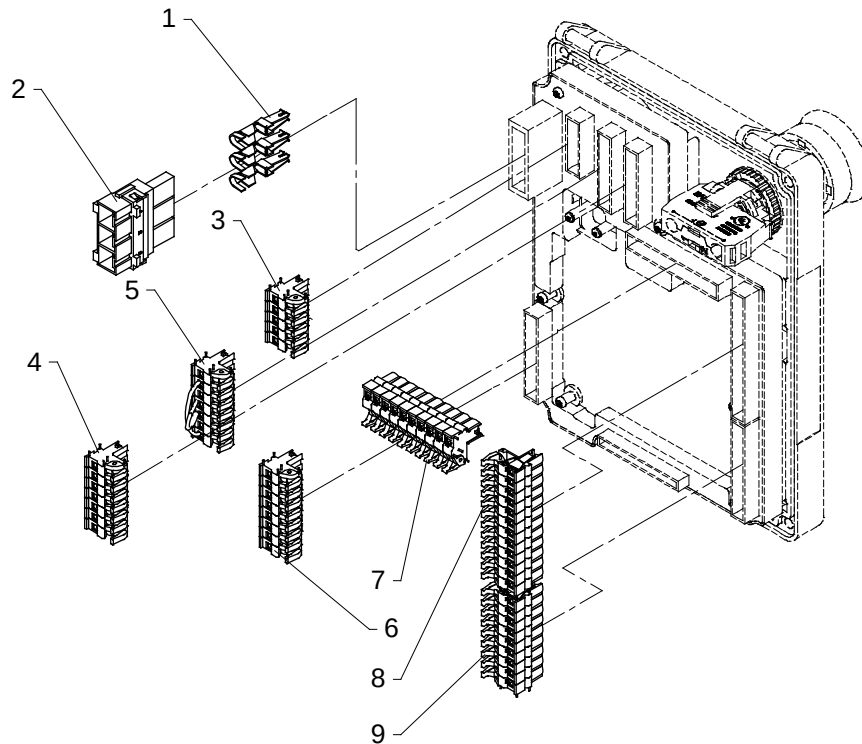
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RCL 5300 (53320010)



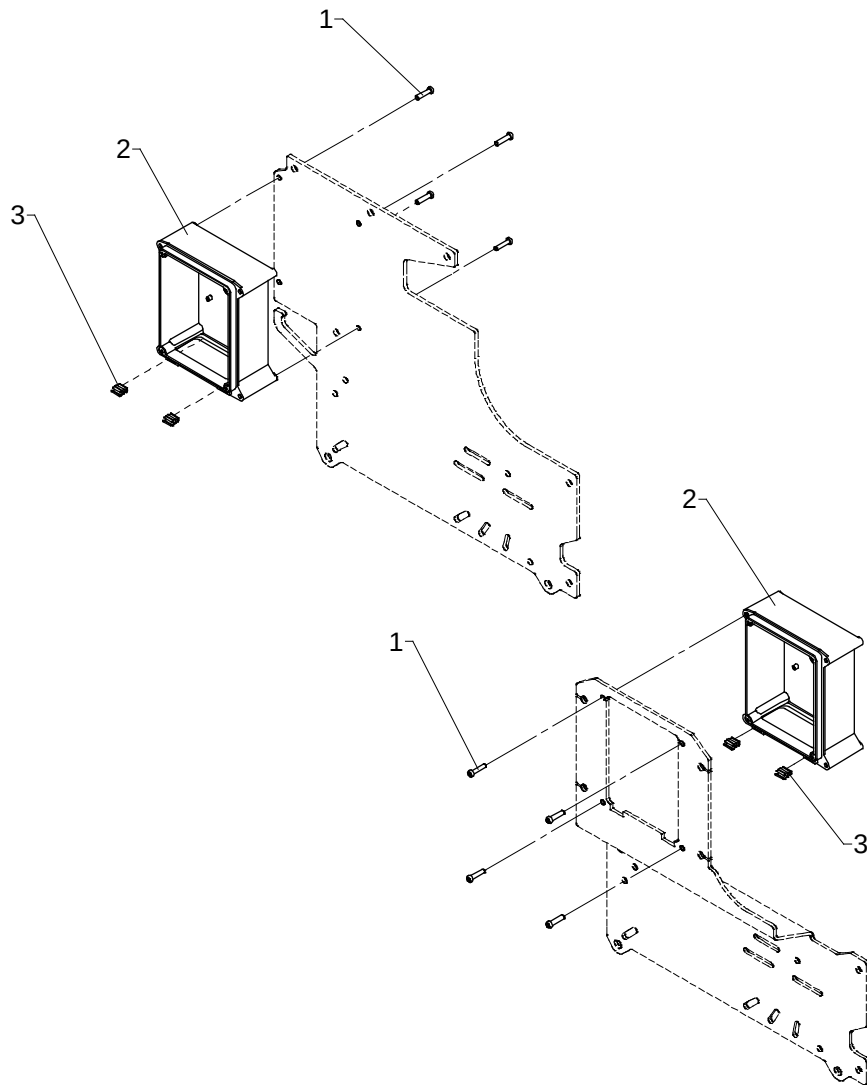
RCL 5300 (53320010)				
Pos	Qty.	Part no.	Description	Remarks
1	4	30347	Screw, stainless	4,0 x 25
2	1	29301	Front complete, RCL 5300	
3	1	29306	Plug	
4	1	29196	Stop button	
5	1	29198	Attachment, stop button	
6	1	29197	Switch element, stop button	

RCL Plugs (53320015)



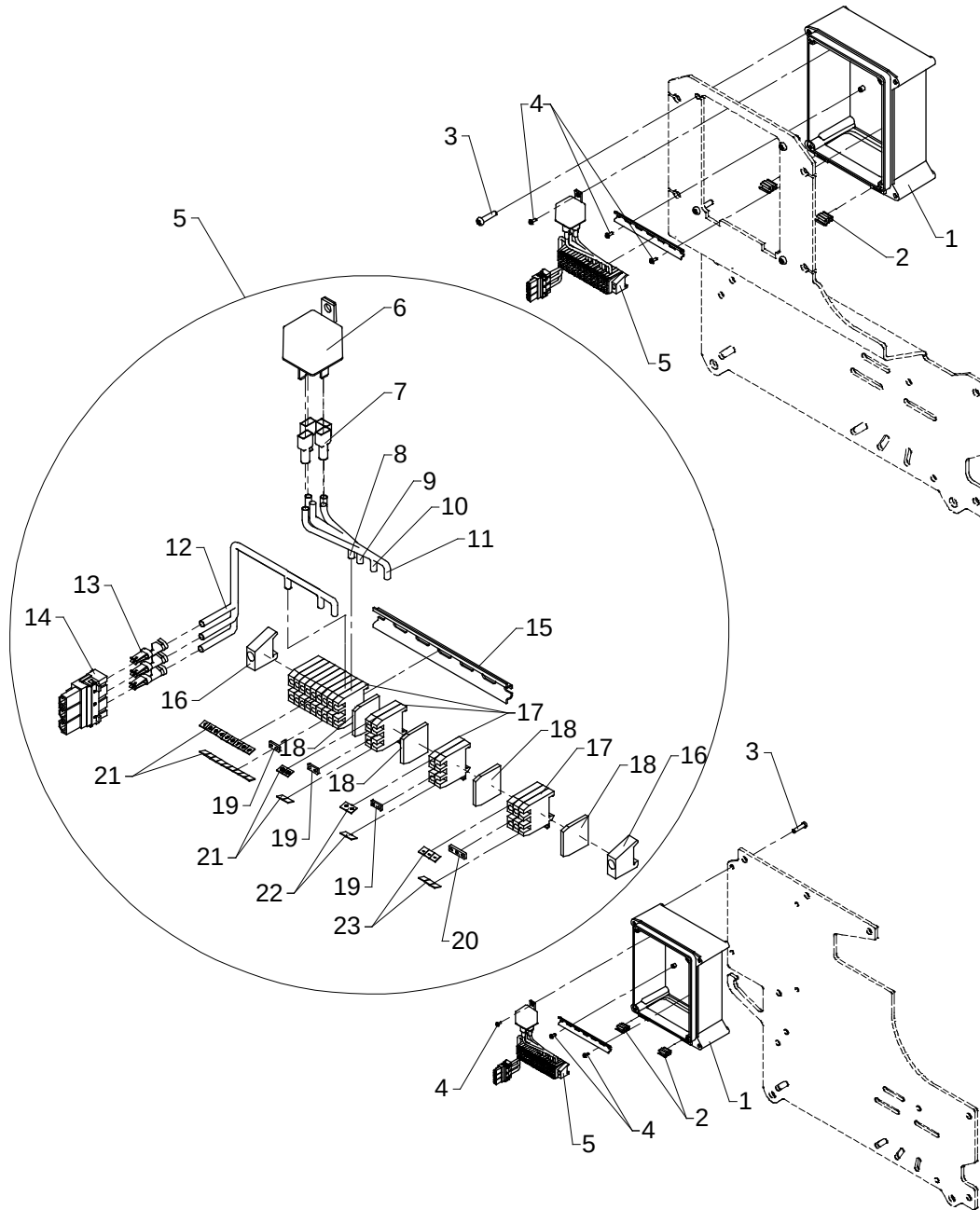
Plugs in RCL (53320015)			
Pos	Qty.	Part no.	Description
1	3	29316	Pin
2	1	29315	Plug, 3-polar for RCL 53XX
3	1	29317	Plug, 5-polar for RCL 53XX
4	1	29318	Plug, 7-polar for RCL 53XX
5	1	29340	CAN termination/RCL53xx
6	1	29319	Plug, 8-polar for RCL 53XX
7	1	29321	Plug, 10-polar for RCL 53XX
8	1	29322	Plug, 12-polar for RCL 53XX
9	1	29320	Plug, 9-polar for RCL 53XX

Bottom for RCL box, no RC (53320030)



Bottom for RCL box, no RC (53320030)				
Pos	Qty.	Part no.	Description	Remarks
1	4	30340	Screw, stainless	6,0 x 25
2	1	29304	Bottom f. RCL-box incl. hinge	
3	2	29305	Hinge	

24 V bottom for RCL box with RC (53320050)

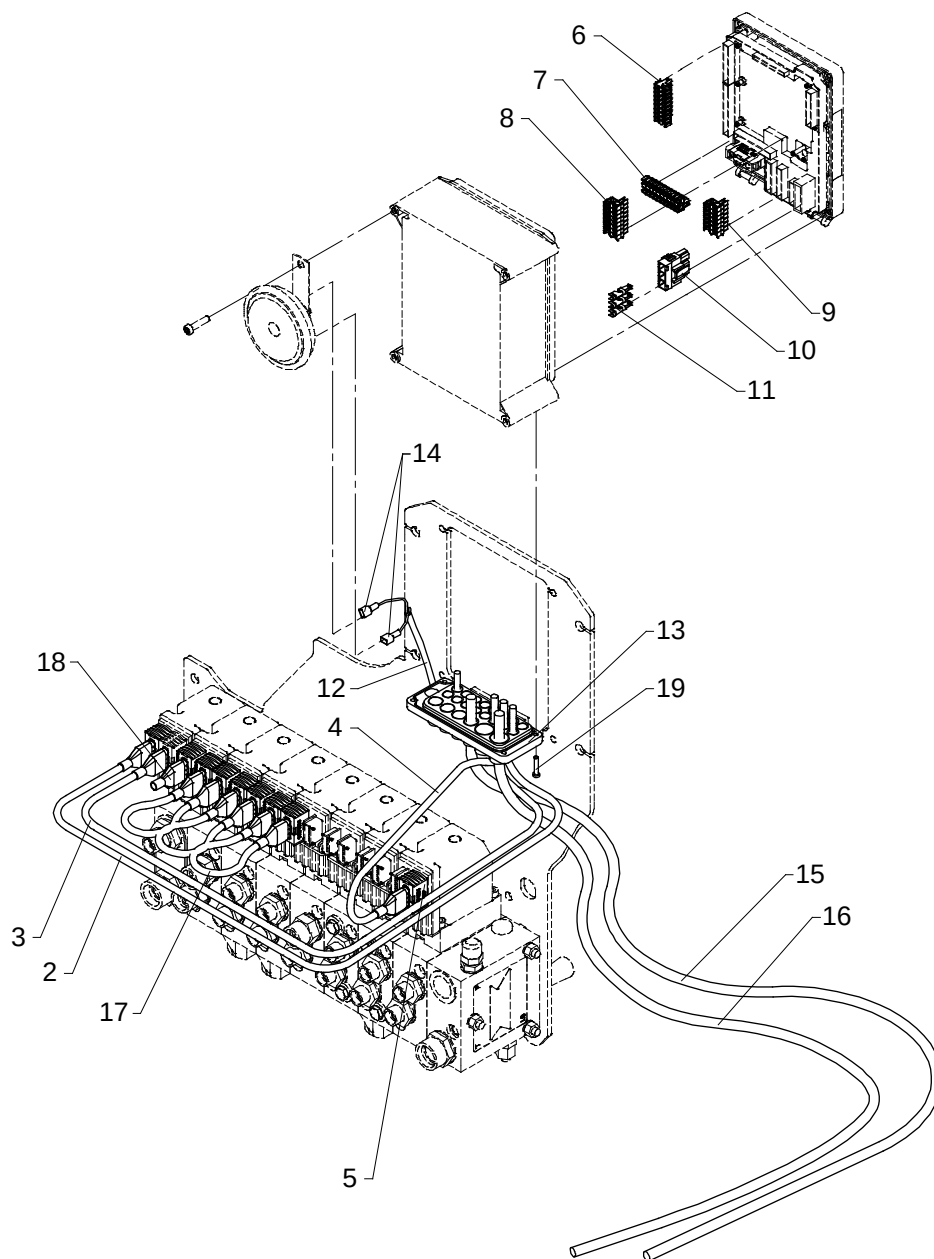


24 V bottom for RCL box with RC (53320050)

Pos	Qty.	Part no.	Description	Remarks
1	1	29304	Bottom f. RCL-box incl. hinge	
2	2	29305	Hinge	
3	4	30340	Screw, stainless	6,0 x 25
4	3	30361	Screw, stainless	3,0 x 8

24 V bottom for RCL box with RC (53320050)				
Pos	Qty.	Part no.	Description	Remarks
5	1	29213	Terminal block for RC 24V	
6	1	27342	Relay, 24V	
7	4	27429	Clamp	
8	1	27205	Wire, 1 x 1.5mm ²	10 cm
9	1	27204	Wire, 1 x 1.5mm ²	10 cm
10	1	27206	Wire, 1 x 1.5mm ²	10 cm
11	1	27208	Wire 1 x 1.5 mm ²	10 cm
12	1	27211	Wire 1 x 2.5 mm ²	20 cm
13	3	29316	Pin	
14	1	29315	Plug, 3-polar for RCL 53XX	
15	1	28013	Guide rail	120 mm.
16	2	28012	End angle	
17	16	28010	Terminal	
18	4	28011	End plate	
19	3	28075	Fish plate	
20	1	28014	Fish plate	
21	4	28019	Labels nos. 1-10	
22	2	28220	Labels, "+"	
23	2	28211	Labels, "-"	

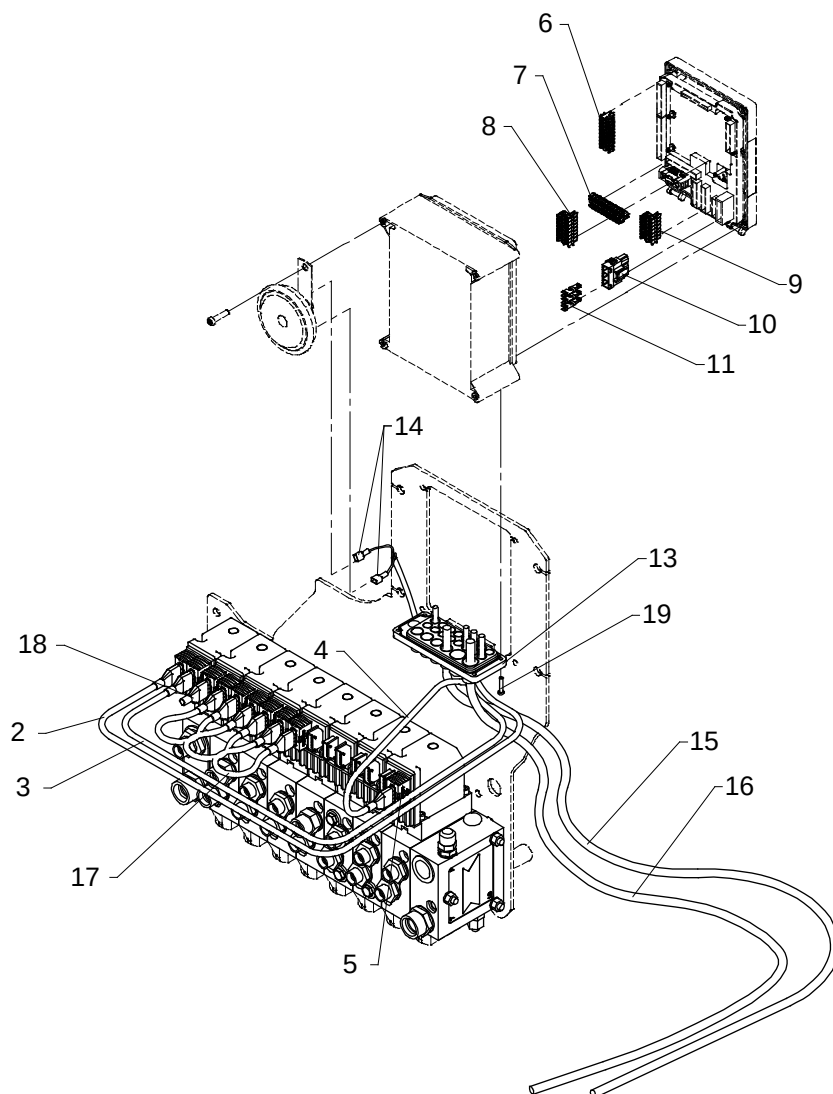
Base, RC (53320115)



Base, RC (53320115)				
Pos	Qty.	Part no.	Description	Remarks
		7003670	Wiring, base, RC-400	
		7004670	Wiring, base BMS-1	
1	1	28722	Wiring, RC base	
2	1	58952	Cable, AMP black	
3	1	58951	Cable, AMP grey	
4	1	28263	CAN BUS cable	1,3 m

Base, RC (53320115)				
Pos	Qty.	Part no.	Description	Remarks
5	1	58953	Plug, AMP grey	
6	1	29320	Plug, 9-polar for RCL 53XX	
7	1	29321	Plug, 10-polar for RCL 53XX	
8	1	29319	Plug, 8-polar for RCL 53XX	
9	1	29318	Plug, 7-polar for RCL 53XX	
10	1	29315	Plug, 3-polar for RCL 53XX	
11	3	29316	Pin	
12	1	28249	Cable 2 x 0.75	0,5 m
13	1	29307	Cable lead-in	
14	2	27429	Clamp	
15	1	28278	Cable 4 x 2.5	3,5 m
16	1	28232	Cable 7 x 0.75	3,5 m
17	3	62296	Cable	
18	1	62297	Termination	
19	4	30346	Screw, stainless	4,0 x 20

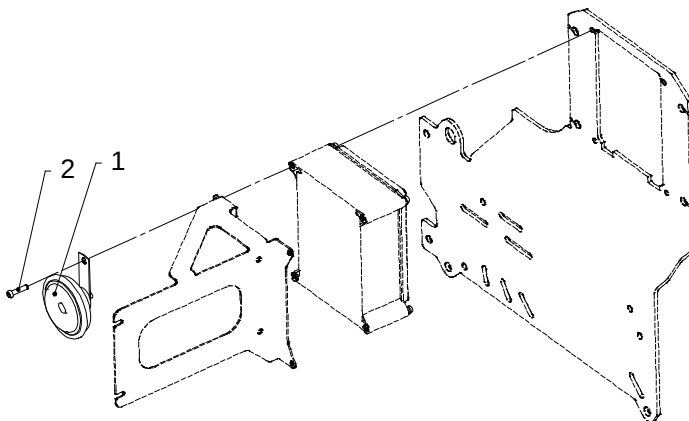
Base, HS-RC (53320130)



Base, HS-RC (53320130)				
Pos	Qty.	Part no.	Description	Remarks
		7003680	Wiring , base HS RC-40	
		7004680	Wiring, base HS BMS-1	
1	1	28278	Cable 4 x 2.5	3,5 m
2	1	58952	Cable, AMP black	
3	1	58951	Cable, AMP grey	
4	1	28263	CAN BUS cable	1,3 m
5	1	58953	Plug, AMP grey	
6	1	29320	Plug, 9-polar for RCL 53XX	
7	1	29321	Plug, 10-polar for RCL 53XX	
8	1	29319	Plug, 8-polar for RCL 53XX	

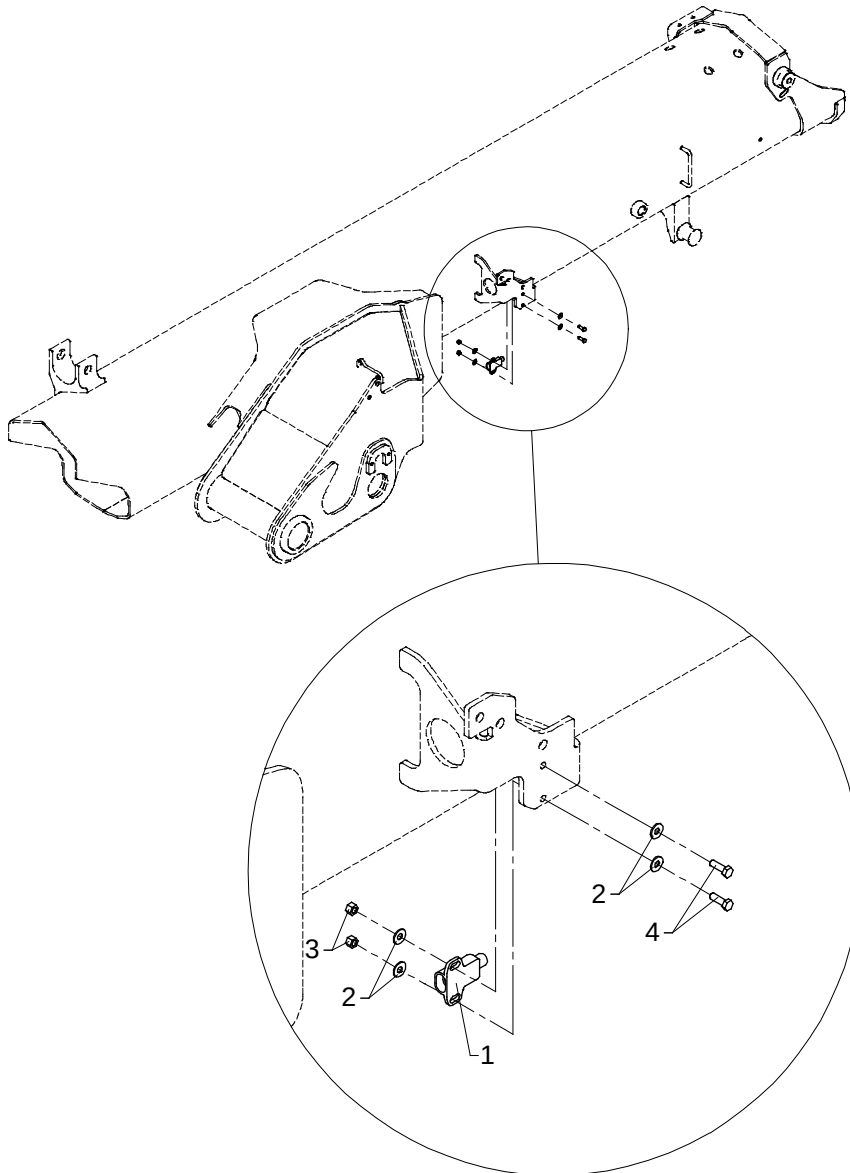
Base, HS-RC (53320130)				
Pos	Qty.	Part no.	Description	Remarks
9	1	29318	Plug, 7-polar for RCL 53XX	
10	1	29315	Plug, 3-polar for RCL 53XX	
11	3	29316	Pin	
12	1	28249	Cable 2 x 0.75	0,5 m
13	1	29307	Cable lead-in	
14	2	27429	Clamp	
15	1	28278	Cable 4 x 2.5	3,5 m
16	1	28232	Cable 7 x 0.75	3,5 m
17	3	62296	Cable	
18	1	62297	Termination	
19	4	30346	Screw, stainless	4,0 x 20

Horn, RC (53320360)



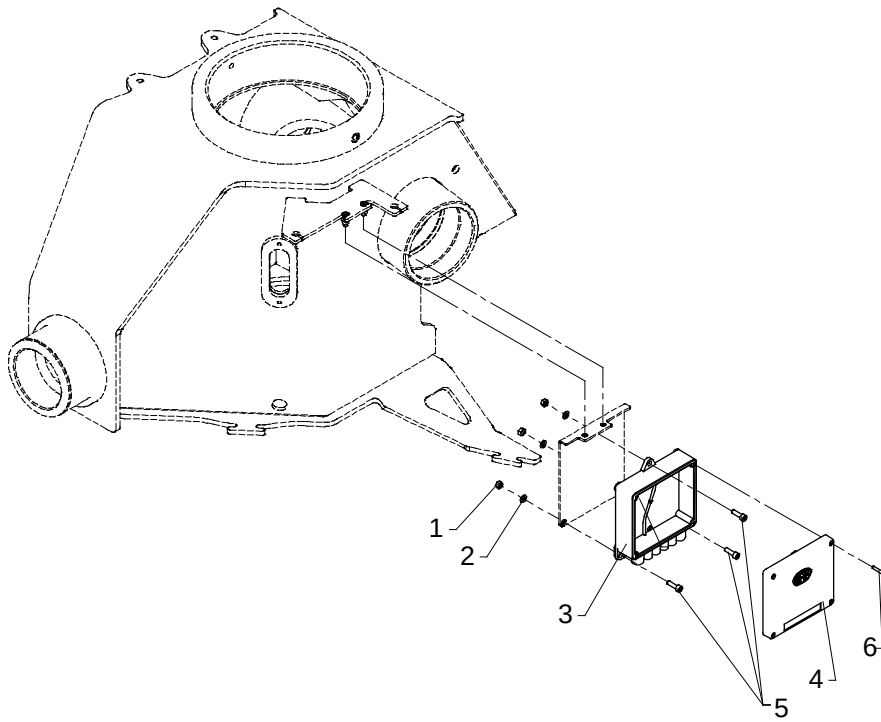
Horn, RC (53320360)				
Pos	Qty.	Part no.	Description	Remarks
1	1	28971	Horn, 24 V, 2.5 Amp.	
2	1	30340	Screw, stainless	6,0 x 25

Horizontal sensor + screws (53320370)



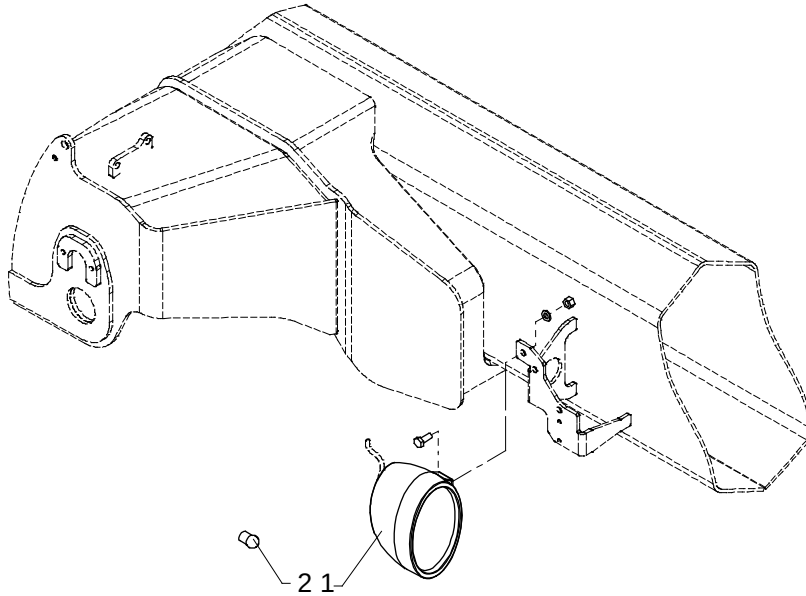
Horizontal sensor + screws (53320370)				
Pos	Qty.	Part no.	Description	Remarks
1	1	29103	Mercury switch	
2	4	32308	Washer	5 mm
3	2	30859	Lock nut, stainless	M5
4	2	30121	Set screw	M5 x 16

Junction box, various electric parts (53320811)



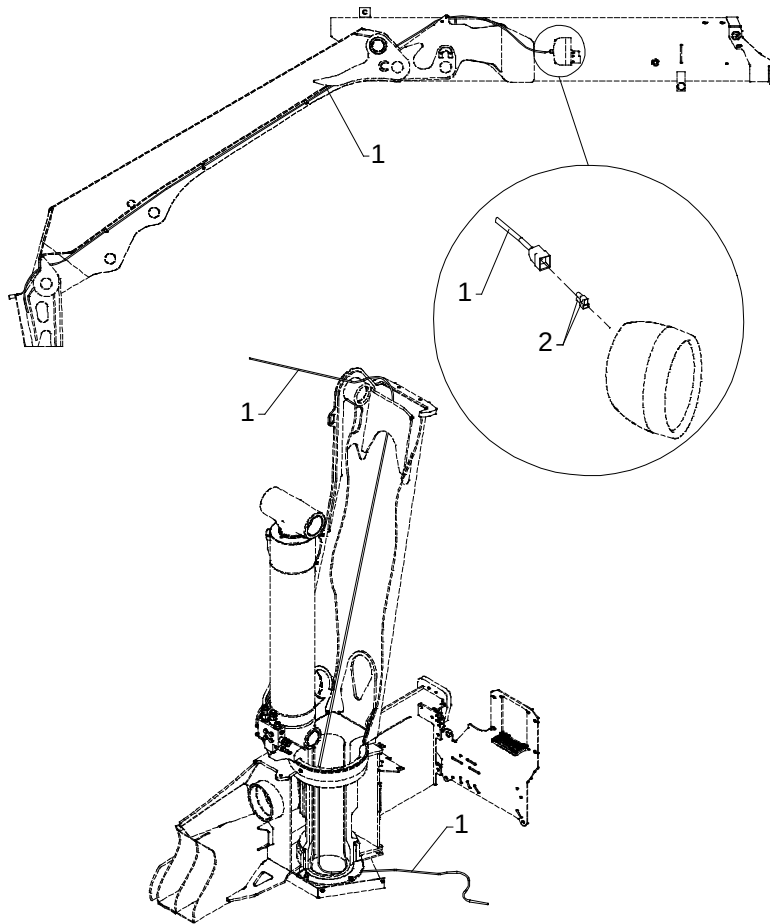
Junction box, various electric parts (53320811)				
Pos	Qty.	Part no.	Description	Remarks
1	3	30854	Nut, stainless	M6
2	3	32302	Face washer, stainless	6 mm
3	1	29313	Bottom f. Fly-Jib box	
4	1	29314	Cover for Fly-Jib box	
5	3	30427	Screw	MC6 x 20
6	4	30347	Screw, stainless	4,0 x 25

Spotlight, jib (53320900)



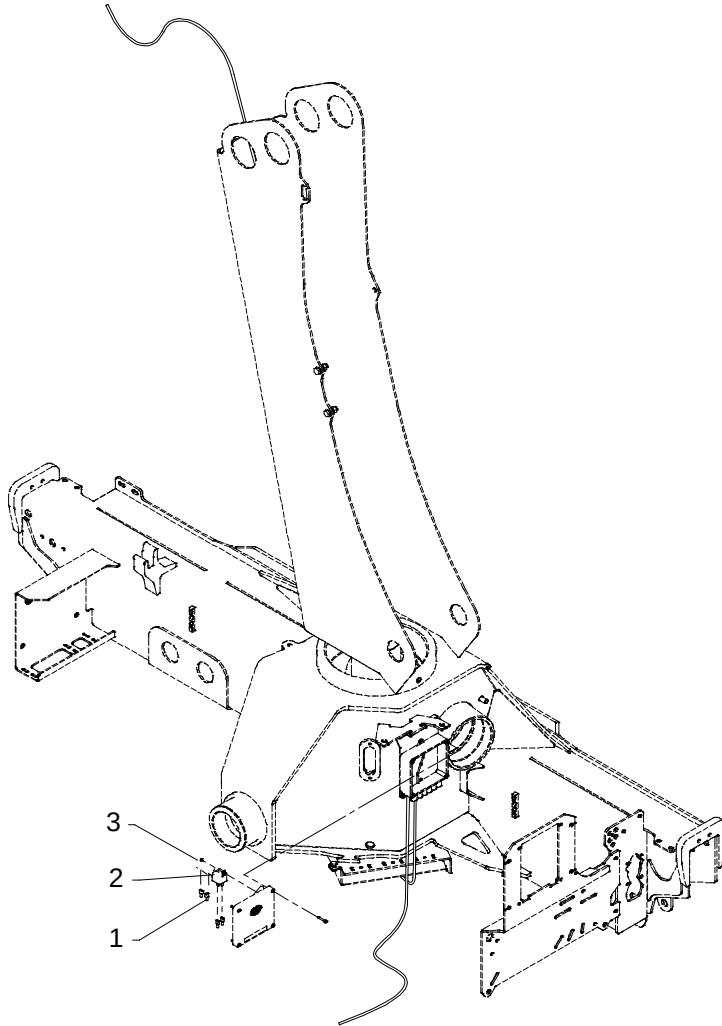
Spotlight, jib (53320900)				
Pos	Qty.	Part no.	Description	Remarks
1	1	28308	Working lamp	
2	1	27828	Bulb 24V, 70W	

Spotlight, jib (cable) (53320905)



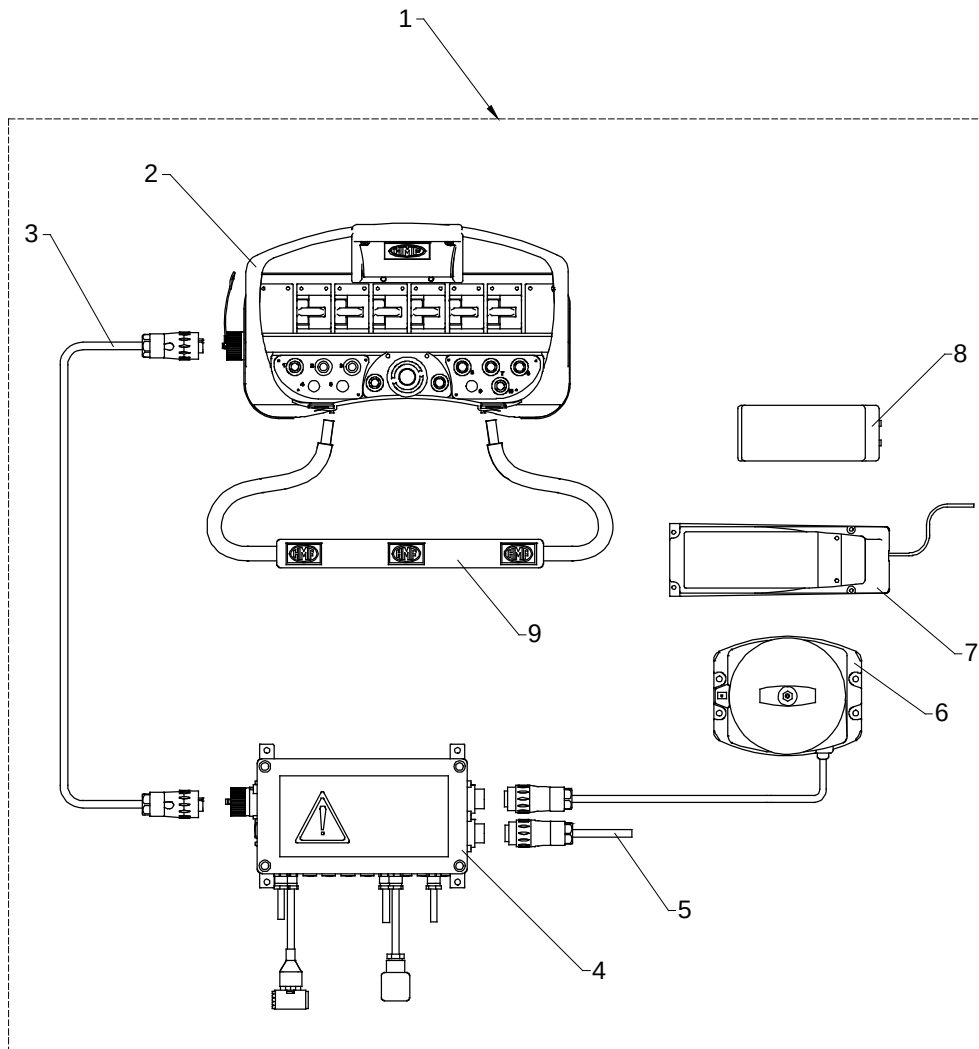
Spotlight, jib (cable) (53320905)				
Pos	Qty.	Part no.	Description	Remarks
1	1	27215	Wire 2 x 1.5	9,0 m
2	2	27429	Clamp	

Spotlight via RC (53320940)



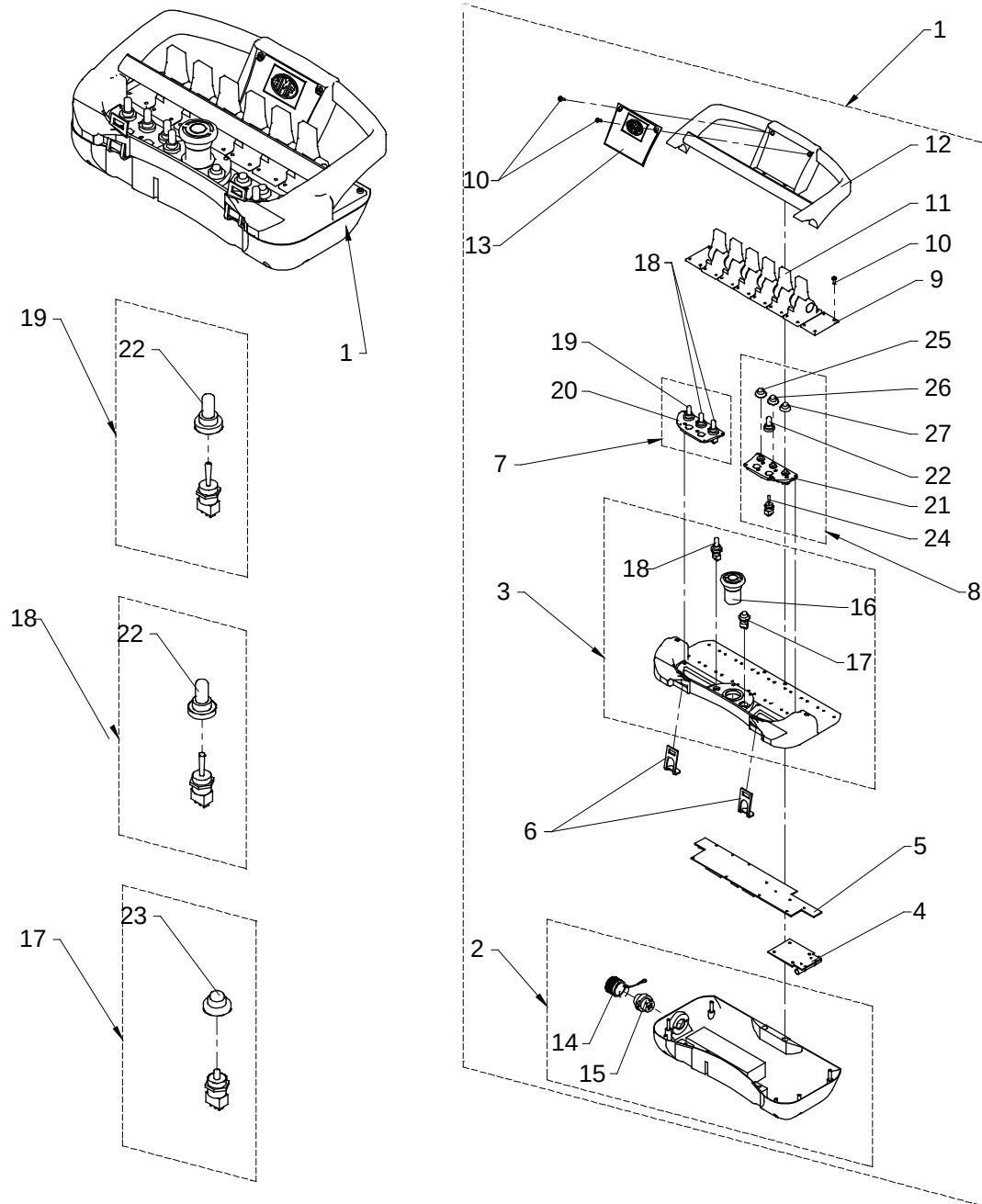
Spotlight via RC (53320940)				
Pos	Qty.	Part no.	Description	Remarks
1	4	27429	Clamp	
2	1	27342	Relay, 24V	
3	1	28693	Screw	Ø2.9 x 6.5

Radio remote control RC 400-CAN, complete (53321010)



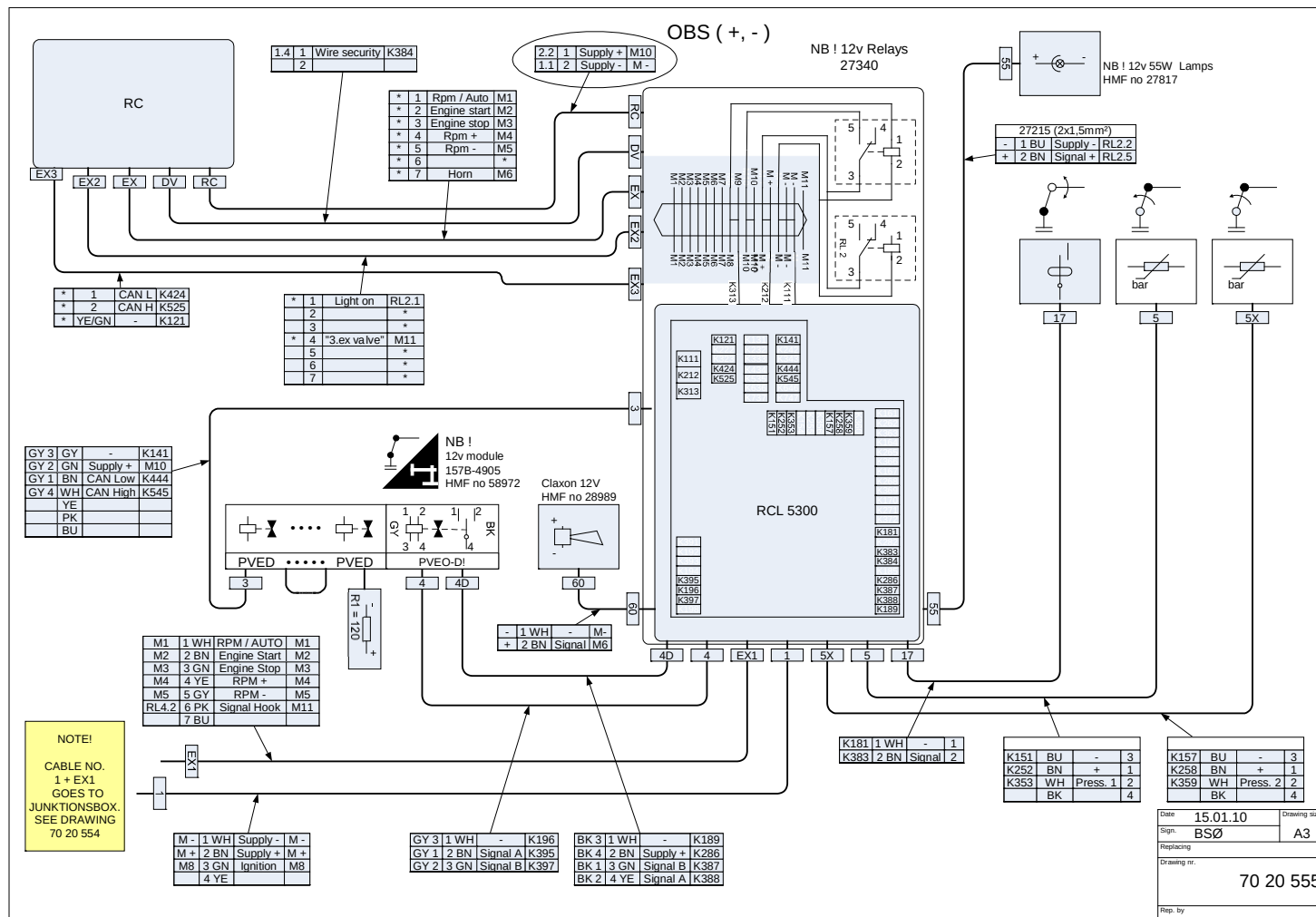
Radio remote control RC 400-CAN, complete (53321010)				
Pos	Qty.	Part no.	Description	Remarks
1	1	57264	Radio remote control, cpl.	
2	1	57284	Remote control box, 6, linear	RC 400-CAN komplet
3	1	58140	Control cable	
4	1	57270	Electronic box, Scanreco	
5	1	58126	Cable	
6	1	57278	Radio receiver	
7	1	58128	Battery charger, complete	
8	1	58129	Battery	
9	1	58114	Carrying strap	
10	1	70398888	Decal - Tarper	Not shown
11	1	70398889	Decal-Eng Kill / Hook Release	Not shown

Remote control box, 6 linear functions (53321020)



Remote control box, 6 linear functions (53321020)				
Pos	Qty.	Part no.	Description	Remarks
1	1	57284	Remote control box, 6, linear	RC 400-CAN komplet
2	1	58152	Bottom part	
3	1	58157	Top part	
4	1	57280	Electronic circuit card	
5	1	57213	Printed card	
6	2	57163	Bracket for neck strap	
7	1	58145	Switch panel	
8	1	58191	Switch plate, right	
9	2	58151	Cover	
10	34	57174	Screw	Ø2.9 x 6.5
11	6	58148	Control lever, linear	
12	1	57288	Protective frame	
13	1	57279	Display cover + HMF logo	
14	1	58104	Cover	
15	1	58121	Plug	180/260 4polet
16	1	57289	Stop button, complete	
17	1	58144	Switch	Jan-00
18	3	58143	Switch	(1) - 0 - (1)
19	1	58142	Switch	1 - 0 - 1
20	1	57182	Cover plate, excl. holes	
21	1	58161	Switch panel	14
22	5	58166	Cover	
23	1	58167	Cover	
24	2	57186	Switch excl. cover	1 - 0 - (1)
25	1	57176	Rubber cover green	
26	1	57177	Rubber cover yellow	
27	1	57178	Rubber cover red	

Wiring Diagram (7020555)



Date	15.01.10	Drawing size	A3
Sign.	BSØ		
Replacing			
Drawing nr.		70 20 555	
Rep. by			