
Manual Part # 99905163

14/98SL K3 Refuse Loader Spare Parts (G3)

Revised 20141008



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Revisions

DATE	LOCATION	DESCRIPTION
20110329	53302245	ADDED PARTS FOR STABILIZER CYLINDER WITH SWING-UP MECHANISM (53302245)
20111013	Electrical section	ADDED 7020564 WIRING DIAGRAM, RCL5300 CRANE TERMINATION PAGE, AND RCL 5300 WIRING PAGE.
	99905165	ECN 11423 - UPDATED BODY HARNESS, REVISED RESERVOIR AND ASSEMBLIES AFTER INITIAL PRODUCTION UNIT.
20120106		ECN 11628 - UPDATED STABILIZER WORDING.
20120815	99905046	ECN 11788 - ENGINE 70734714 WAS 70734561
	99905128	ECN 11797 - ADDED PROPANE SAFETY DECALS
	53303510, 53303520	ADDED EXT CYL II AND III INCL FITTINGS.
20130612		Per Engineering Mark-Up; Page 59 53302320 to 6340790
20141008	53301800	Updated to show correct drawing

CHAPTER 1

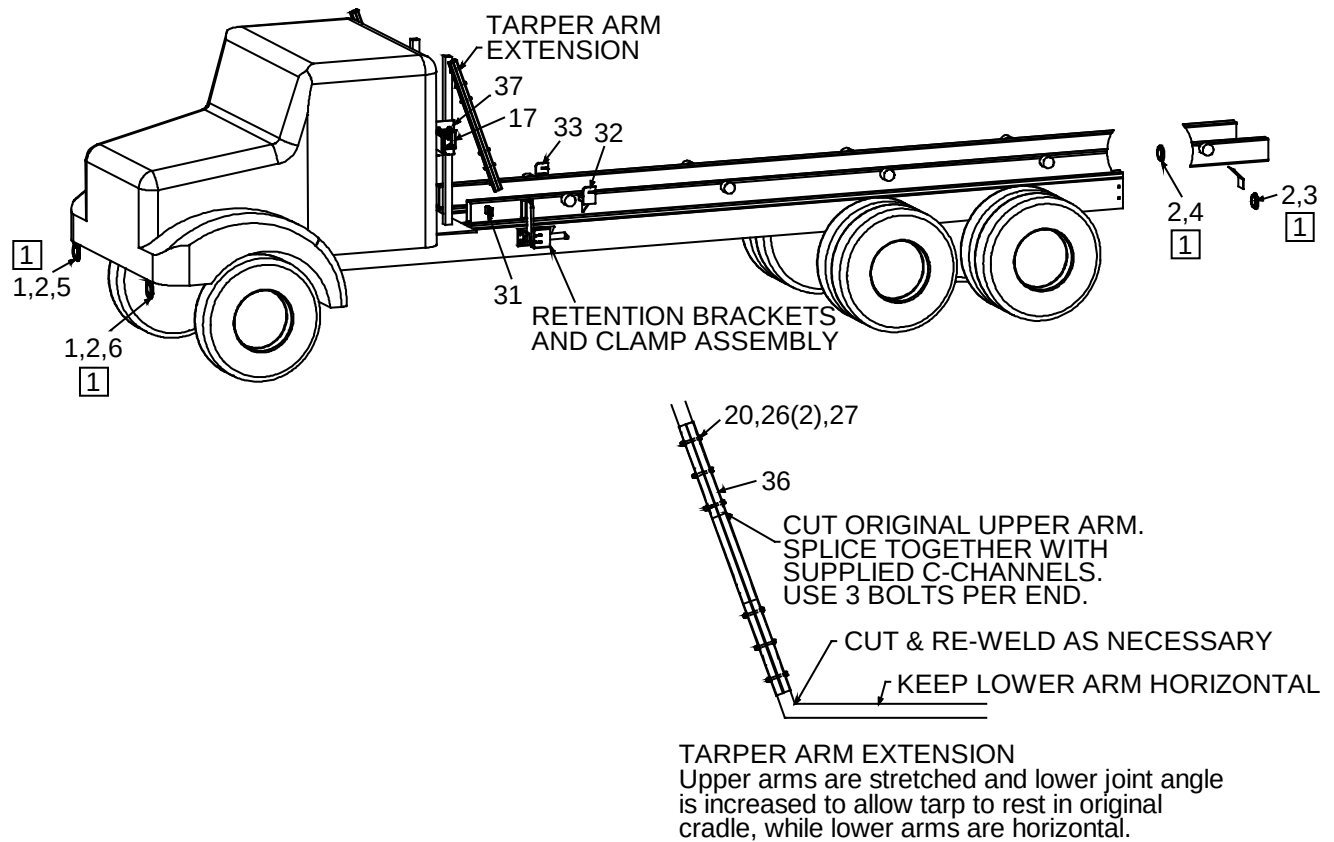
Refuse System Replacement Parts

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Installation Drawing (99905048)

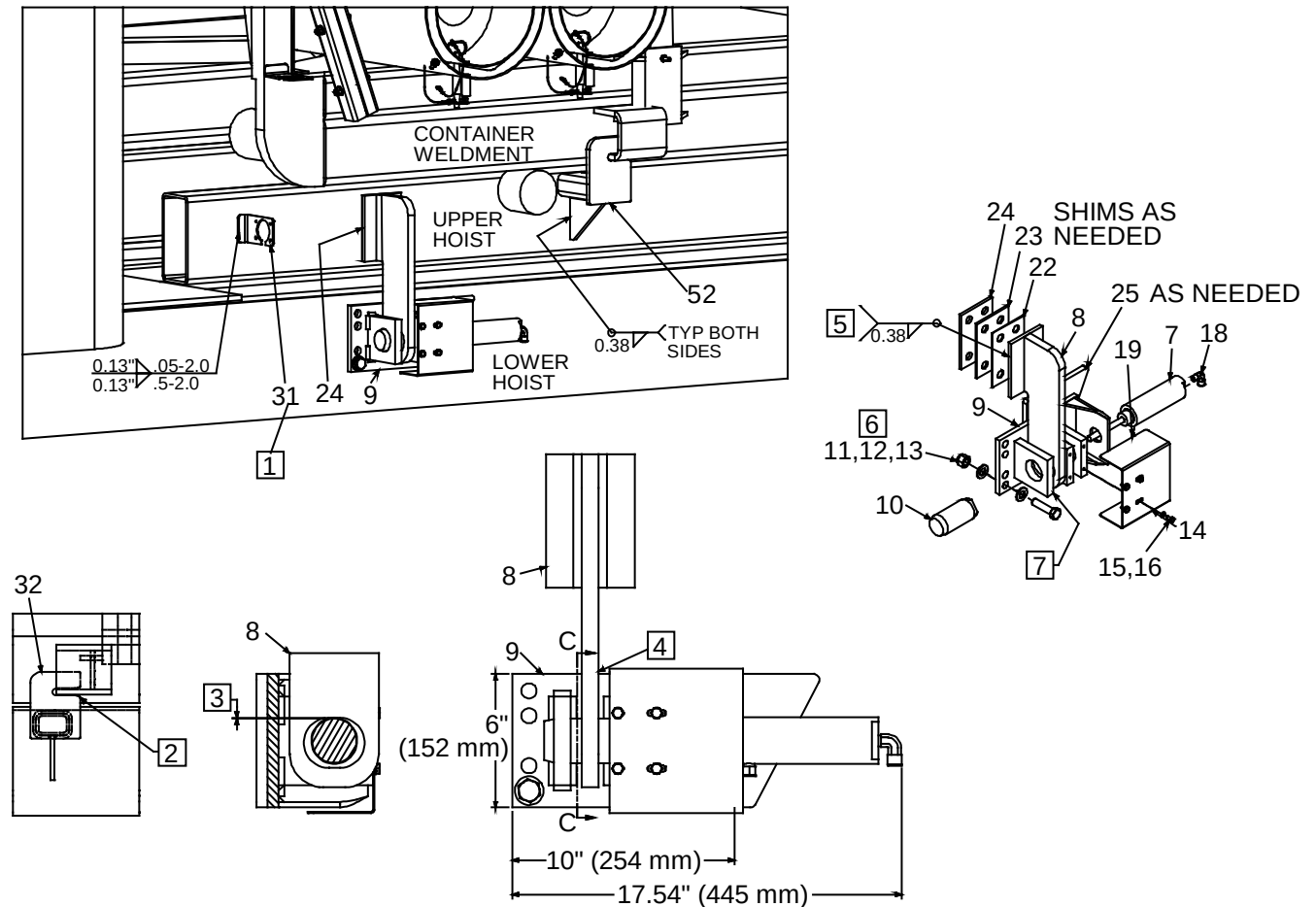
99905048-1 DRAWING



NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 STROBE LIGHTS ARE STAMPED WITH PART NUMBERS. SEE PARTS LIST FOR PROPER LOCATIONS. POSITION BRACKETS AS NECESSARY.

99905048-2 DRAWING

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

- 1 POSITION AT FRONT OF CONTAINER.
- 2 CENTER CONTAINER RESTRAINT BRACKET ON HOIST 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.

99905048 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 LEFT HAND #2	1
4.	77040554	LIGHT-STROBE SMART AMBER	4in RIGHT HAND #1	1
5.	77040562	LIGHT-STROBE SMART AMBER	4in RIGHT HAND #3	1
6.	77040561	LIGHT-STROBE SMART AMBER	4in LEFT HAND #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 GRADE 8 Z	8
13.	72601859	NUT	.62-11 HEX ZINC NYLOCK GRADE 8	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
20.	72062103	NUT	.38-16 HEX NYLOCK	20
21.	60136134	GUARD-FENDER		1
22.	60136135	SHIM- CLAMP MOUNT	10GA	A/R
23.	60136136	SHIM- CLAMP MOUNT	0.19	A/R
24.	60136137	SHIM- CLAMP MOUNT	0.25	A/R
25.	60136113	SPACER PLATE-CYLINDER MOUNT		A/R
26.	72063003	WASHER	.38 FLAT	40
27.	72060055	CAP SCREW	.38-16X 3.50 HH GR5 Z	16
28.	72060004	CAP SCREW	.25-20X 1.00 HH GR5 Z	4
29.	72063001	WASHER	.25 FLAT	8
30.	72062104	NUT	.25-20 HEX NYLOCK	4
31.	60136142	BRACKET-HARNESS MOUNTING		1
32.	52723183	GUIDE-BODY LEFT HAND		1
33.	52723182	GUIDE-BODY RIGHT HAND		1
34.	72532287	NIPPLE-DISC	.25FPT STL HNV-14-M	1
35.	72534758	CAP-DUST		1
36.	60135615	EXTENSION-TARPER ARM		4
37.	60137286	PLATE-HYDRAULIC MOUNT		1
NEW 20110304				

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

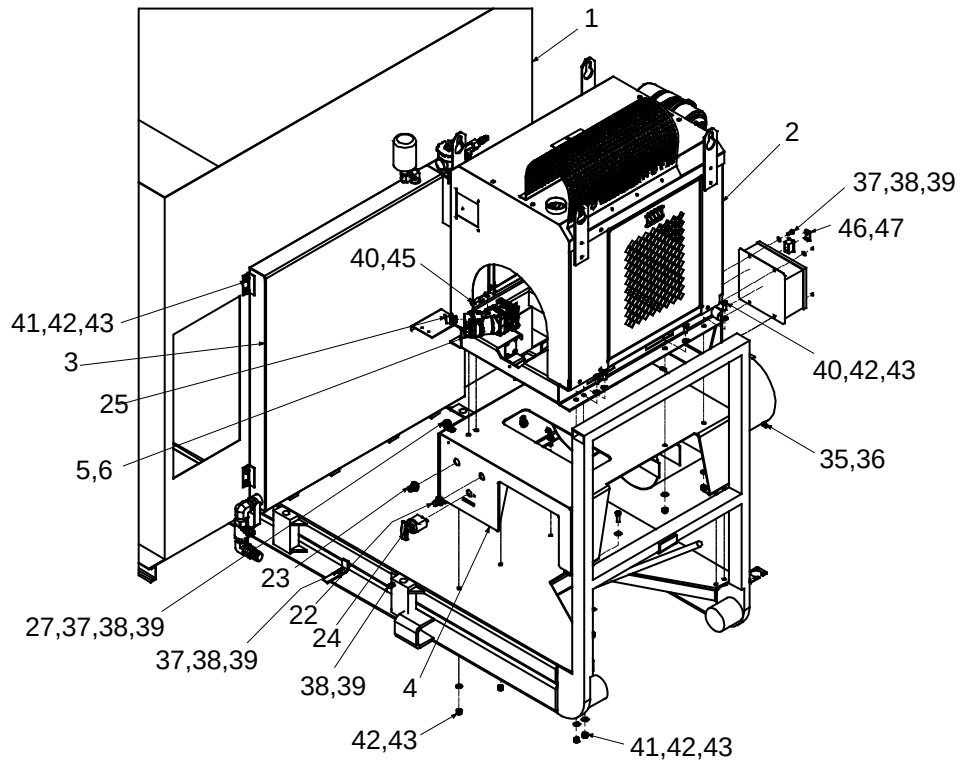


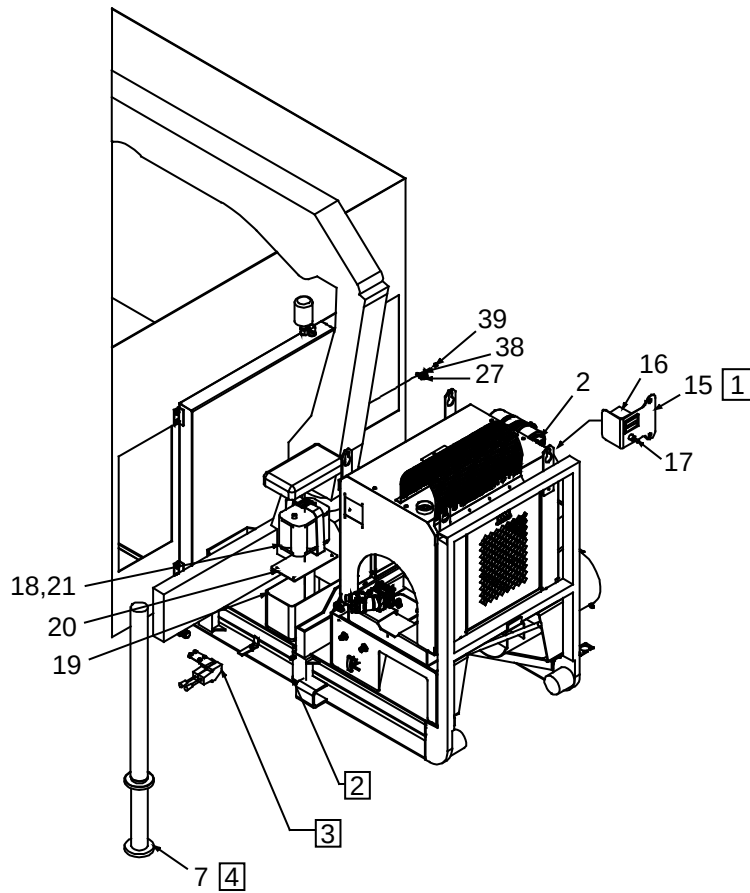
RIGHT FRONT
STROBE LIGHT

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

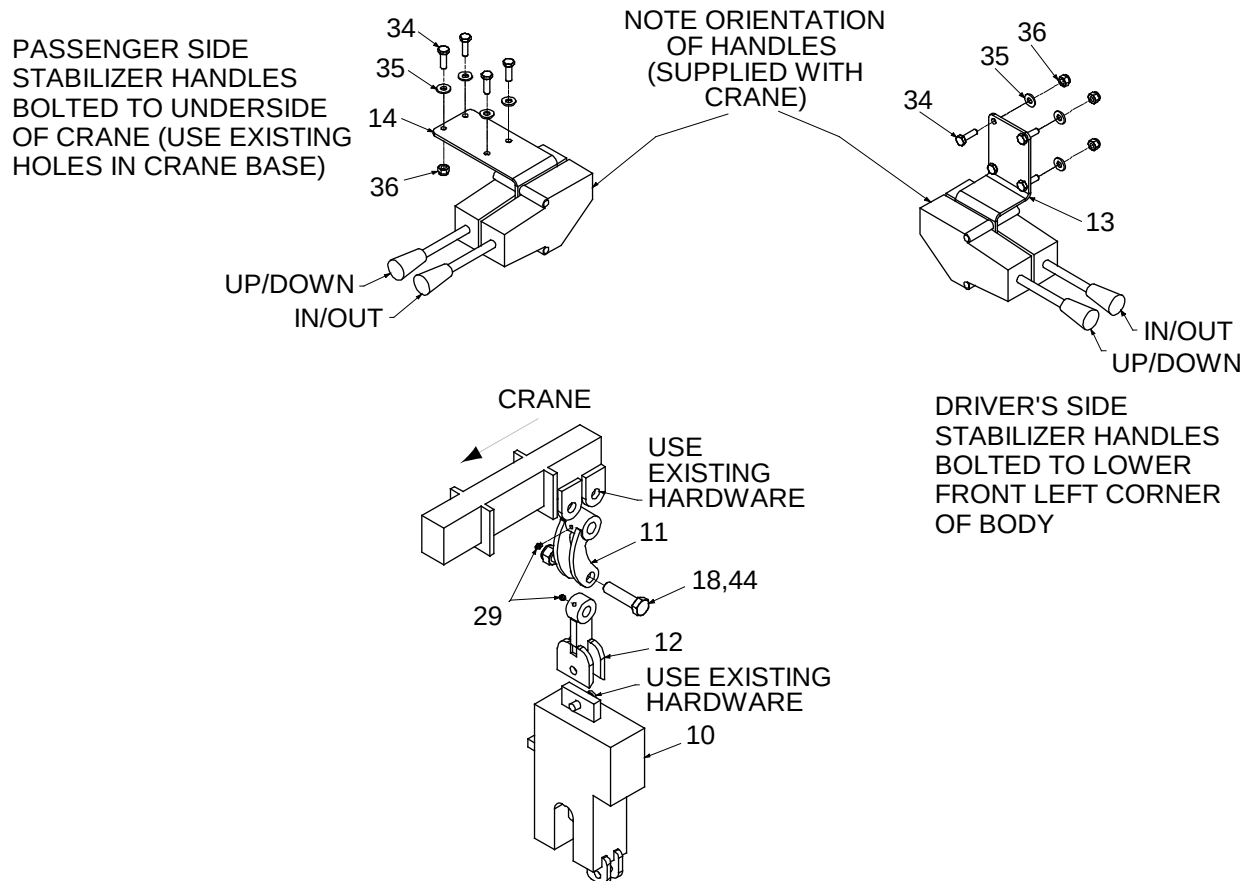
Platform Assembly (99905046)





NOTES (SEE REFERENCE NUMBER IN BOX):

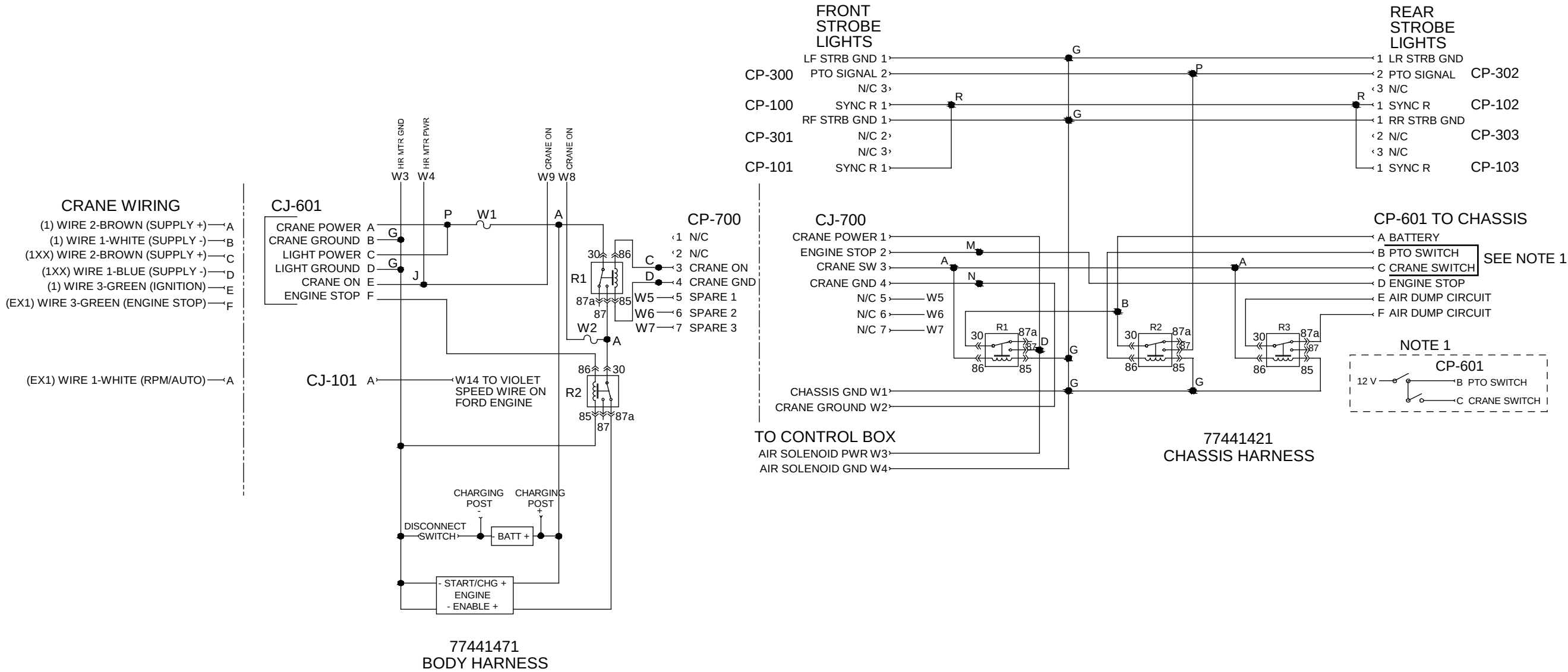
- 1 USING EXISTING HARDWARE, MOUNT TO LEFT OF CRANE CONTROLS.
- 2 TORQUE CRANE MOUNTING BOLTS TO 370 FT-LB (51 KG-M).
- 3 PASSENGER SIDE HANDLES.
- 4 COUPLE TO EXISTING STABILIZER LEGS USING EXISTING HARDWARE.

**99905046 PARTS LIST**

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	70734567	CONTAINER-ROLL OFF	18FT 30YD	1
2.	70734714	ENGINE-PROPANE	(WAS 70734561 FOR S/N REFUSEG3111001 - 121003)	1
3.	51723643	RESERVOIR-ASSEMBLY	37.00 GAL	1
4.	52723631	MOUNT-ENGINE		1
5.	73511215	PUMP	1.55 DISP SAE	1
6.	72534827	ELBOW-FLANGE	45 BARB NIPPLE 24 24 SPECIAL	1
7.	52724129	STABILIZER FOOT-WELDMENT		2
8.	60137240	BRACKET-FILTER HYDRAULIC		1
9.	77441471	HARNESS-CRANE/BODY		1
10.	71413858	CLAMP-LIFTING ELECTRICAL RELEASE 2.5T		1
11.	52722767	LINK-GRAPPLE UPPER		1
12.	52724123	LINK-HOOK RELEASE LOWER STRAIGHT		1
13.	60135417	BRACKET- VALVE BANK STABILIZER LH		1
14.	60135416	BRACKET- VALVE BANK STABILIZER RH		1
15.	60135499	BRACKET-HOUR METER		1
16.	70733496	METER-HOUR PUSH LOCK MOUNTING		1
17.	77040373	SWITCH-TOGGLE		1
18.	77042111	BATTERY-	12V 800CCA	1
19.	77042107	BATTERY BOX-MARINE GROUP 31		1

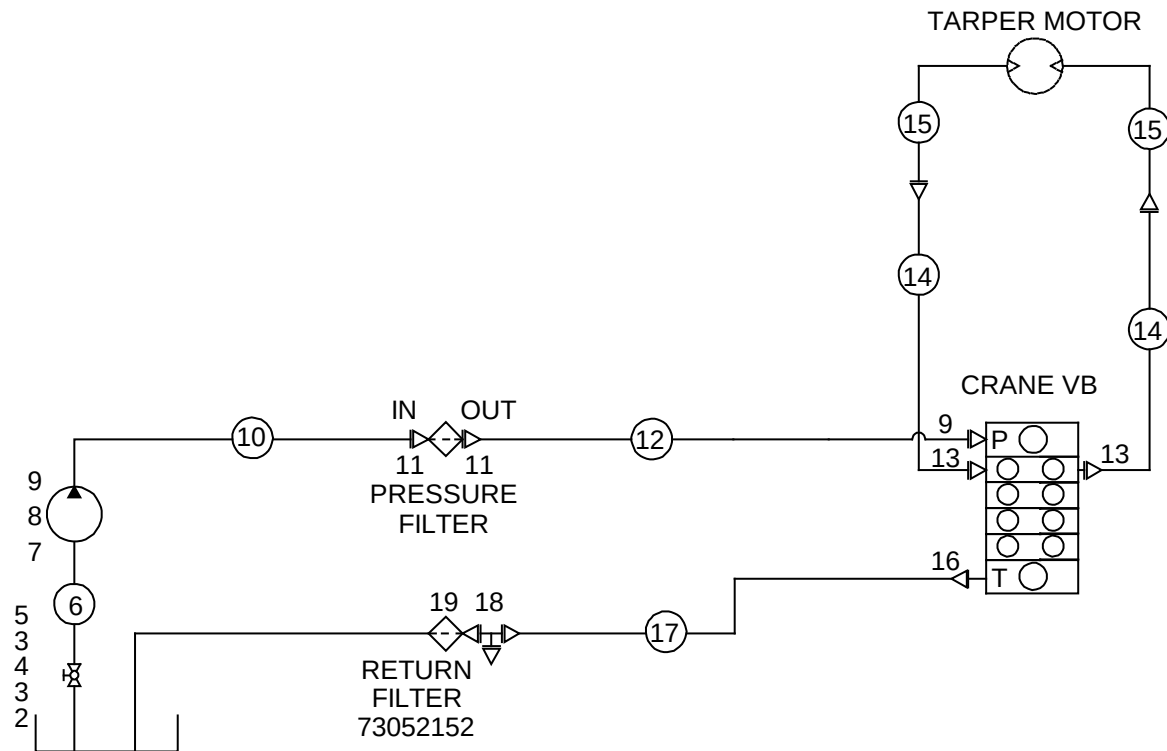
99905046 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
20.	60137283	PLATE-BATTERY TIE DOWN		1
21.	70734585	STRAP-BATTERY TIE DOWN		1
22.	77040580	TERMINAL-BATTERY CHARGING POST-BLK		1
23.	77040579	TERMINAL-BATTERY CHARGING POST-RED		1
24.	77041885	SWITCH-250A BATT DISCONNECT T HANDLE		1
25.	72534753	ADAPTER	M BSPP/M FACE 12 12	1
26.	72066580	CLAMP-LOOP	.75 CUSHIONED	2
27.	72066582	CLAMP-LOOP	1.25 CUSHIONED	2
28.	72066533	CLAMP-LOOP	.50 VINYL COVERED	4
29.	72053508	ZERK-NPT	0.12	2
30.	72601278	CAP SCR	M8-1.25X 20 HHZ	3
31.	72602031	CAP SCR	M8-1.25X 25 HH SS	2
32.	72601797	WASHER-LOCK	8MM	3
33.	72601952	NUT	M 8 X 1.25 HEX NYLOC ZINC	2
34.	72060003	CAP SCR	.25-20X .88 HH GR5 Z	8
35.	72063001	WASHER	.25 FLAT	10
36.	72062104	NUT	.25-20 HEX NYLOCK	10
37.	72060025	CAP SCR	.31-18X 1.00 HH GR5 Z	12
38.	72063002	WASHER	.31 FLAT	25
39.	72062109	NUT	.31-18 HEX NYLOCK	12
40.	72060092	CAP SCR	.50-13X 1.25 HH GR5 Z	11
41.	72060093	CAP SCR	.50-13X 1.50 HH GR5 Z	16
42.	72063005	WASHER	.50 FLAT	46
43.	72062080	NUT	.50-13 HEX NYLOCK	23
44.	72060246	CAP SCR	1.00- 8X 4.00 HH GR5 Z	1
45.	72063053	WASHER	.50 LOCK	4
46.	77041571	SWITCH-ROCKER PLUG		1
47.	77041689	SWITCH-ROCKER SINGLE MOUNTING PANEL		1
REV F 20120815				

Wiring Diagram (99905165)

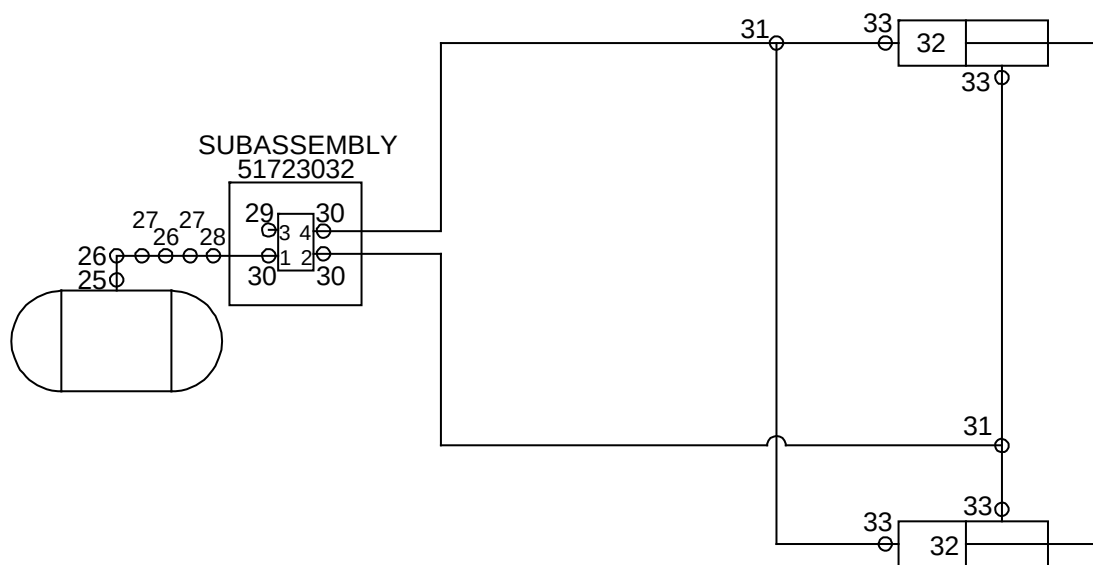


Hydraulic & Pneumatic System (99905047)

HYDRAULIC LAYOUT (99905047)



PNEUMATIC LAYOUT (99905047)



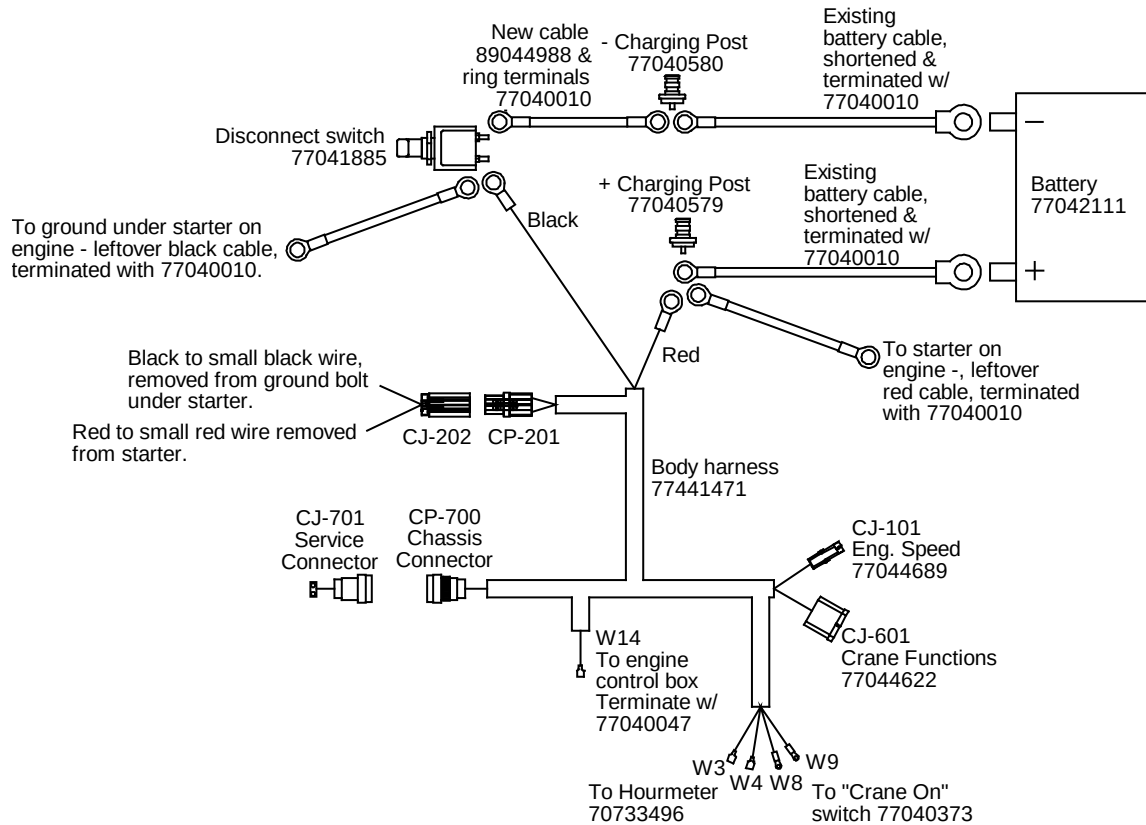
NOTES:

1 WHENEVER POSSIBLE, USE SECONDARY AIR SYSTEM.

2 USE ALL DOT APPROVED AIR FITTINGS.

99905047 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT	QUANTITY
1.	91723847	HYDRAULIC KIT, INSTALLATION			1
2.	72053729	ADAPTER	MPT/HEX/MPT 1.25 1.25	1	1
3.	72531135	ELBOW-STREET	STEEL 1.25 X 90 DEG	1	2
4.	73054232	VALVE-BALL	1.25	1	1
5.	72531551	NIPPLE-BARB	STEEL 1.25 MPT 1.50	1	1
6.	89394074	HOSE-HYDRAULIC	1.50 100R4	1	66"
7.	72534827	FITTING, SUCTION	1.50" 45 DEGREE		1
8.	73511215	PUMP	BENT AXIS (CW)		1
9.	72534753	ADAPTER	M BSPP/M FACE 12 12	1	2
10.	51399118	HOSE	WDD .75 X 48 (12-12) 100R13	1	1
11.	72534656	ADAPTER	M BSPP/M FACE 16 12	1	2
12.	51399119	HOSE	WX .75 X 70.00 (12-12) 100R13	1	1
13.	72534713	ADAPTER	M BSPP/M JIC 8 6	1	2
14.	51399022	HOSE	AAJ .38 X 34.00 (06-06) 100R17	1	2
15.	N/A	INCLUDED WITH CONTAINER			2REF
16.	72534599	ADAPTER	M JIC/F M 12 S20 SW	1	1
17.	51399261	HOSE	FJ .75 X 96 (16-12) 100R4 GMV	1	1
18.	72534524	TEE	MSTR THD RUN 16	1	2
18.	72531427	ELBOW	MPT/90/M JIC .75 12	1	2
19.	73052152	FILTER-ASM IN- TANK RETURN			1
24.	93723187	KIT-PNEUMATICS			1
25.	72531812	BUSHING-REDUCER BRASS	.50- .25	24	1
26.	72053517	ADAPTER	MPT/HEX/MPT .25 .25	24	2
27.	73054505	VALVE-PRESSURE PROTECTION	.25 IN	24	2
28.	72533698	PUSH LOCK FITTING	.38 DOT X .25 MPT	24	1
29.	71414202	MUFFLER-AIR	1/8" NPT SINTERED BRONZE	24	1REF
30.	72534739	PUSH LOCK FITTING-ELBOW	.38 DOT X .12 MPT	24	3REF
31.	72534742	PUSH LOCK-UNION TEE	.38 DOT	24	2
32.	73540411	CYLINDER-AIR	2.00 B 3.00 S DBL ACT		2REF
33.	72533700	PUSH LOCK FITTING - ELBOW	.38 DOT X .25 MPT	24	2
34.	70396004	TUBE-PUSHLOC	.38 AIR (CS)	24	40'
REV A 20111010					

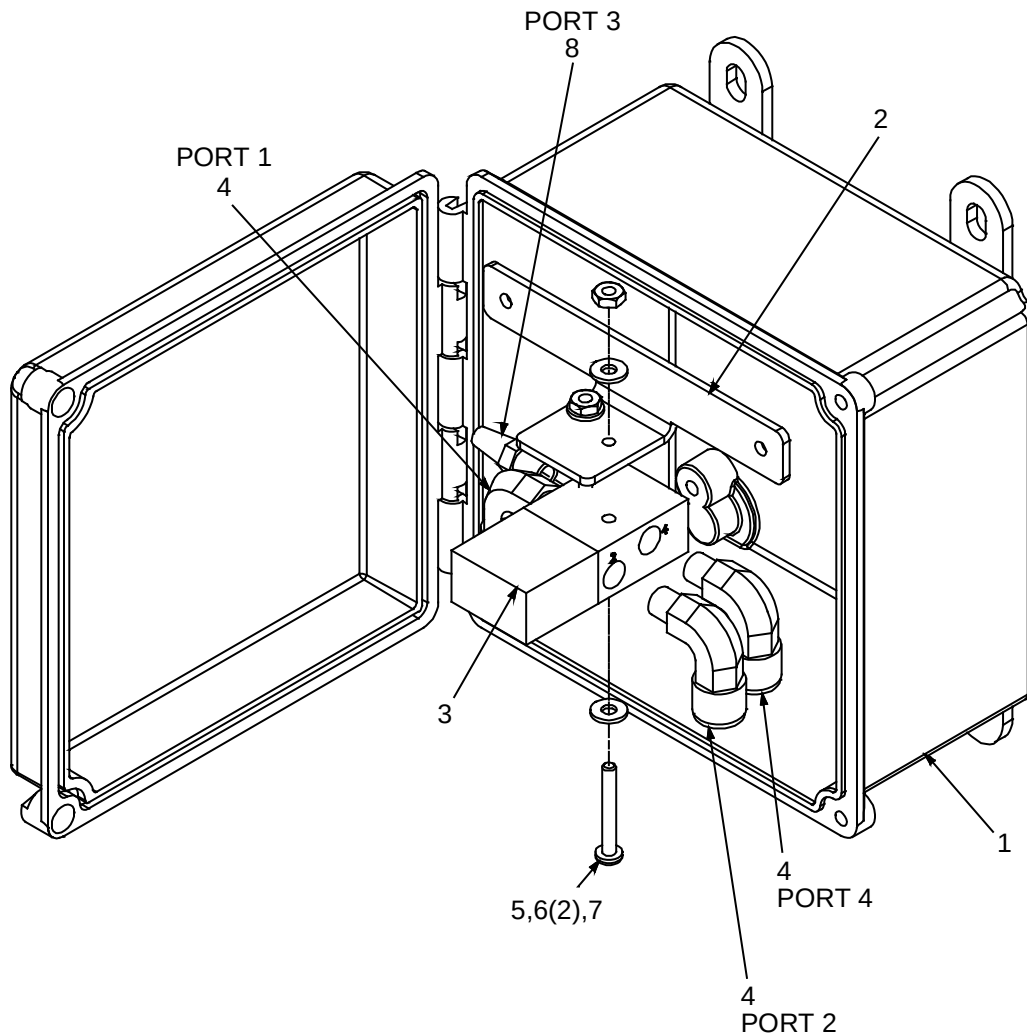
Battery Installation (99905285)



Rig Release Parts

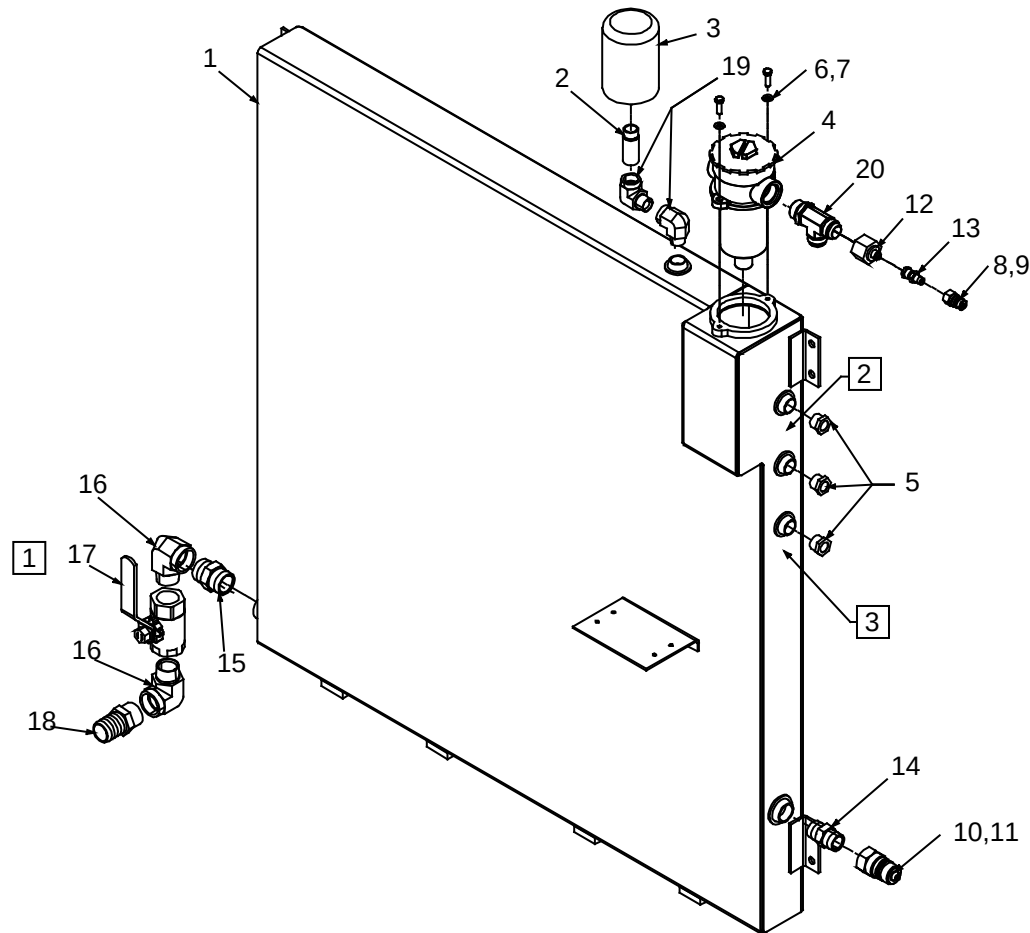
Item	Part #	Quantity	Notes
Wiring harness	77441405	1	This harness, which connects the rig release hook and the crane, feeds through the bracket at the top of the boom tip to prevent the wire from being damaged or pinched.
Replacement nylon sling	71661684	1	This is a

Control Box (51723032)



51723032 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	77044902	BOX, JIC WITH FIBERGLASS HINGES	6" HIGH X 6" WIDE X 4" DEEP	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
NEW 20110304				

Reservoir Assembly, 37 Gallon (51723643)



NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 INSTALL HYDRAULIC FITTINGS AS SHOWN PRIOR TO MOUNTING THE RESERVOIR.
- 2 PLACE "FULL HOT" DECAL HERE (REF # 21 - 70399246).
- 3 PLACE "ADD OIL" DECAL HERE (REF # 21 - 70399246).

51723643 PARTS LIST

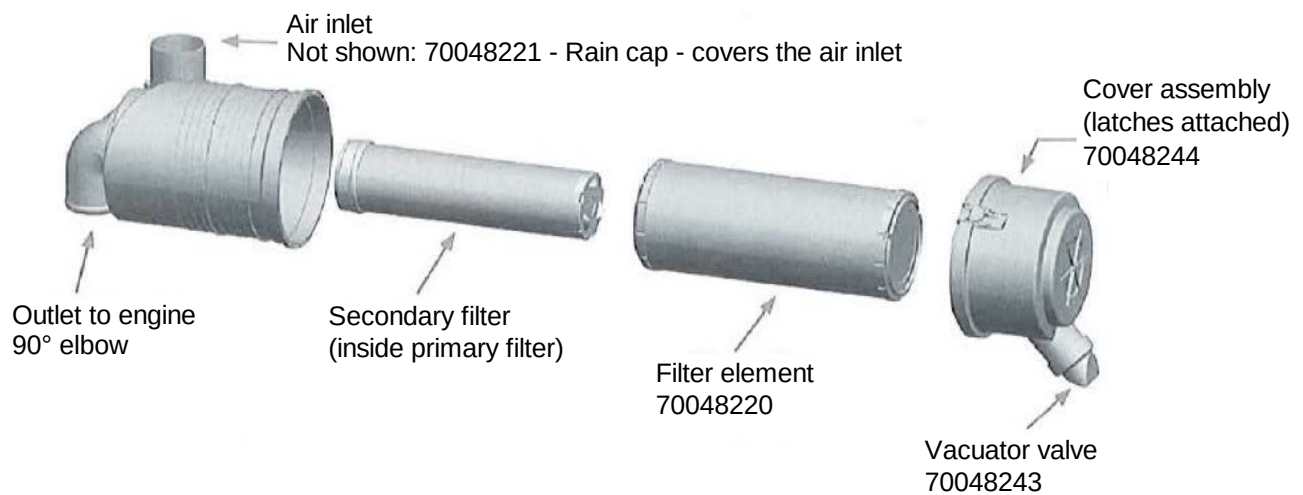
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	52723644	WELDMENT, RESERVOIR	37 GALLON	1
2.	72533514	ADAPTER-BREATHER FILTER		1
3.	73054974	FILTER-BREATHER		1
4.	73052152	FILTER ASSEMBLY-IN-TANK RETURN	(ELEMENT ONLY-73052152)	1
5.	72532681	SIGHT GAUGE	.75 PLUG WITH REFLECTOR	3
6.	72060025	CAP SCREW	.31-18 X 1.00 HHGR5Z	2
7.	72063002	WASHER	.31 FLAT	2

51723643 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
8.	72534621	COUPLER-DISC MALE		1REF
9.	72534622	COUPLER-DISC CAP		1REF
10.	72534623	COUPLER-DISC MALE		1REF
11.	72534624	COUPLER-DISC CAP		1REF
12.	72534825	ADAPTER	MJIC/FJIC 6 16	1REF
13.	72534826	ADAPTER	MPT/FJIC .38 6 SWIVEL	1REF
14.	72053804	ADAPTER	MPT/HEX/MPT 1.00 1.00	1REF
15.	72053729	ADAPTER	MPT/HEX/MPT 1.25 1.25	1REF
16.	72531135	ELBOW-STREET	STL 1.25 X 90 DEG	2REF
17.	73054232	VALVE-BALL	1.25	1REF
18.	72531551	NIPPLE-BARB	STL 1.25 MPT 1.50	1REF
19.	72053556	ELBOW-STREET STL	.75 X 90 DEG	2REF
20.	72534524	TEE	MSTR THD RUN 16	1REF
21.	70399246	DECAL-RESERVOIR		1
REF	91723847	HYDRAULIC KIT	INCLUDES 8-20	1
REV A 20111007				

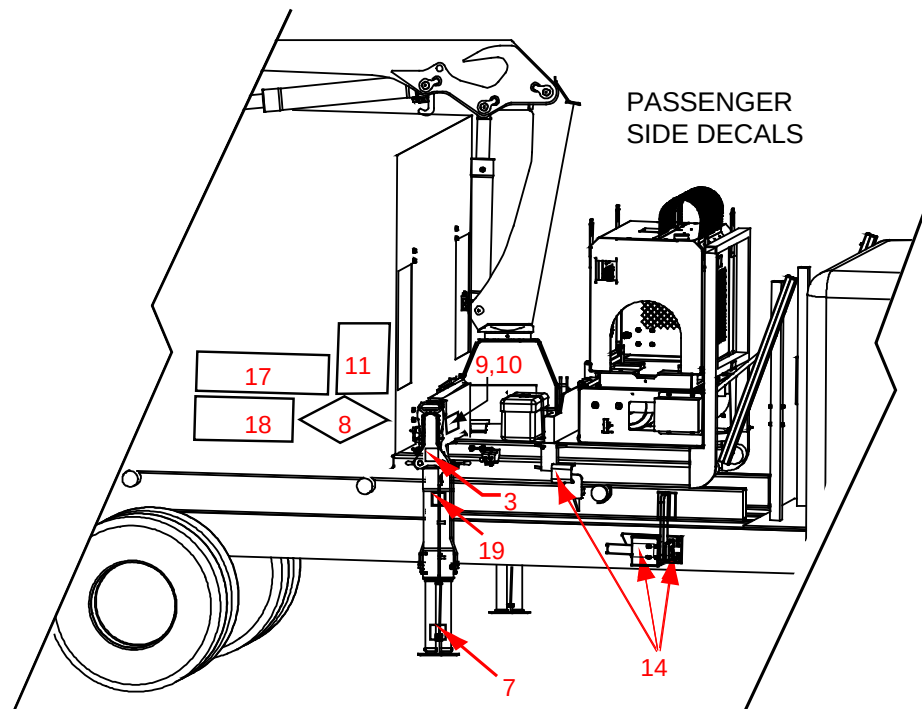
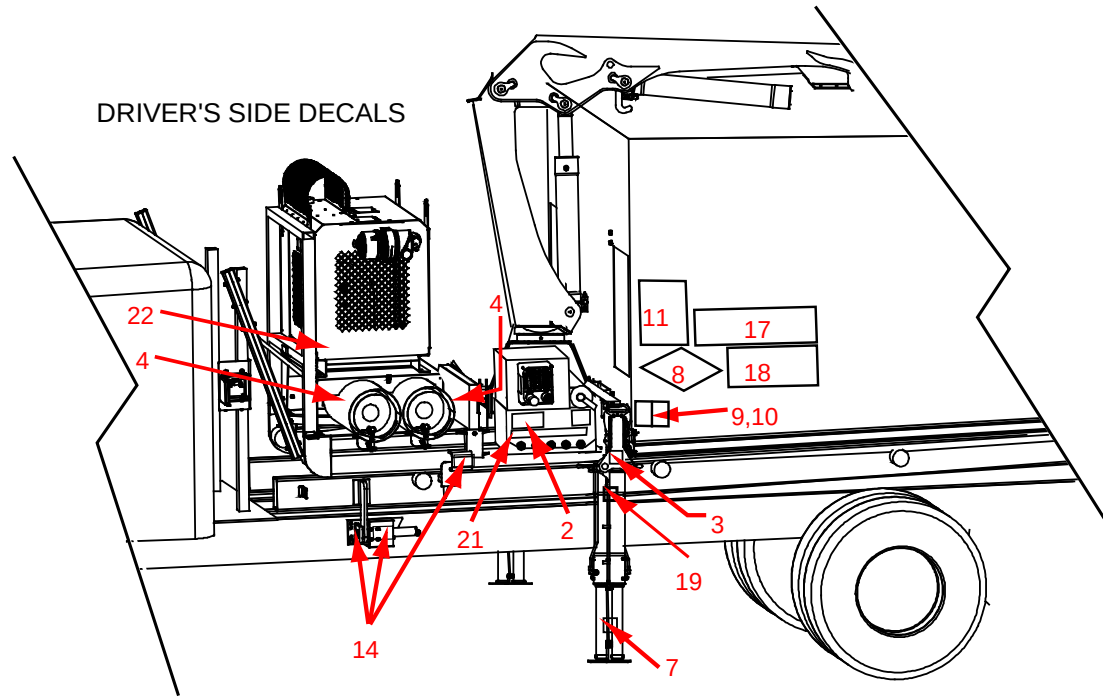
Engine Air Filter Assembly (70048218)

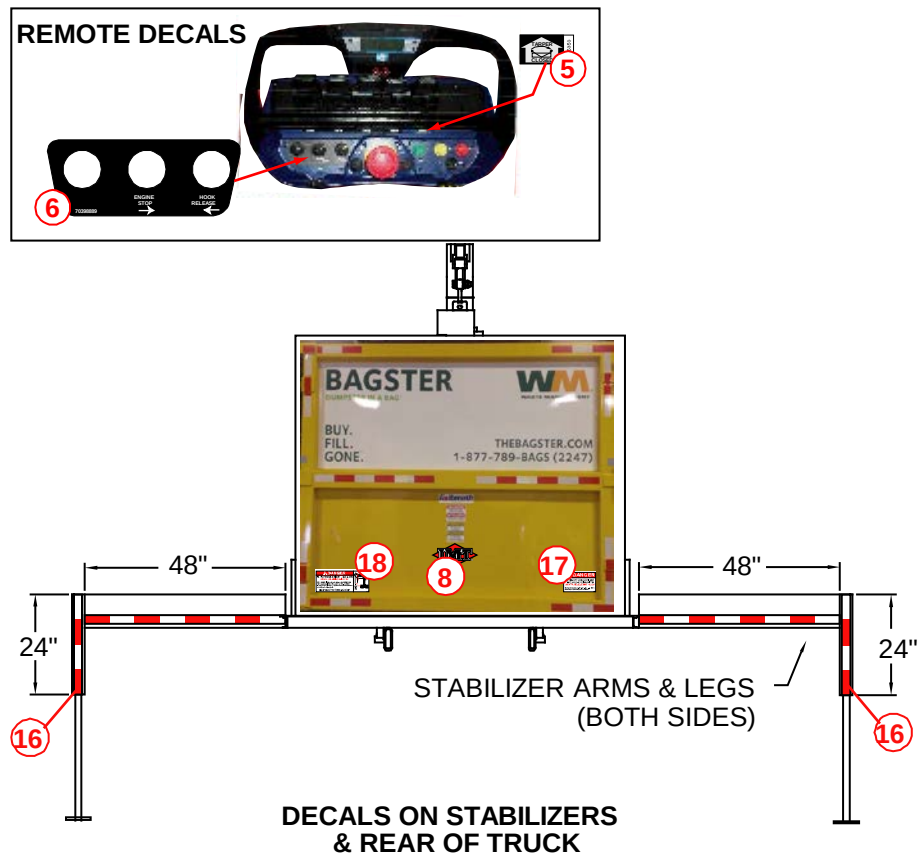


Complete filter assembly
70048218



Decal Placement (99905128)



**99905128 PARTS LIST**

ITEM	PART #	DESCRIPTION	KIT #	QUANTITY	NOTES
1.	95723906	DECAL KIT-INSTALLATION	1	REF	
2.	70398828	DECAL-CONTROL	1	1	ABOVE CONTROL LEVERS
3.	70398829	DECAL-CAUTION, STABILIZERS	1	2	ON EACH STABILIZER ROTATION BRACKET
4.	70399410	DECAL-DANGER PROPANE	1	2	
5.	70398888	DECAL-REMOTE TARPER	1	1	
6.	70399260	DECAL-REMOTE	1	1	
7.	70392867	DECAL-DANGER, MOVING STAB	1	2	(REMOVED 1-1-12. REPLACED BY 70392864)
8.	70392887	DECAL-IMT DIAMOND 10"	1	3	ON EACH SIDE, ALIGNED AS SHOWN, AND CENTERED IN REAR
9.	70398865	DECAL-CONTROL,PO STAB	1	2	ON STABILIZER CONTROL
10.	70398866	DECAL-CONTROL,PD STAB	1	2	ON STABILIZER CONTROL
11.	70397541	DECAL-CP 14/98SL K3		2REF	ABOVE IMT DIAMOND ON EACH SIDE OF BODY.
	70397535	DECAL-CP 14/98DL K3		2REF	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.	70399057	DECAL-CRANE MODE	12	1	IN CAB

99905128 PARTS LIST					
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY	NOTES
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
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.	70399043	DECAL-CRANE POWER		1	NEXT TO SWITCH BY CONTROL HANDLES
22.	70399411	DECAL-CONTACT EDI	1	1	
REV A 20120815					
NOTE: DISCARD 70399054 - DECAL-PTO MODE - WHICH IS PART OF 95723227. IT IS NOT REQUIRED ON THE G3 REFUSE CONTAINER WITH CRANE.					

CHAPTER 2

Crane Replacement Parts

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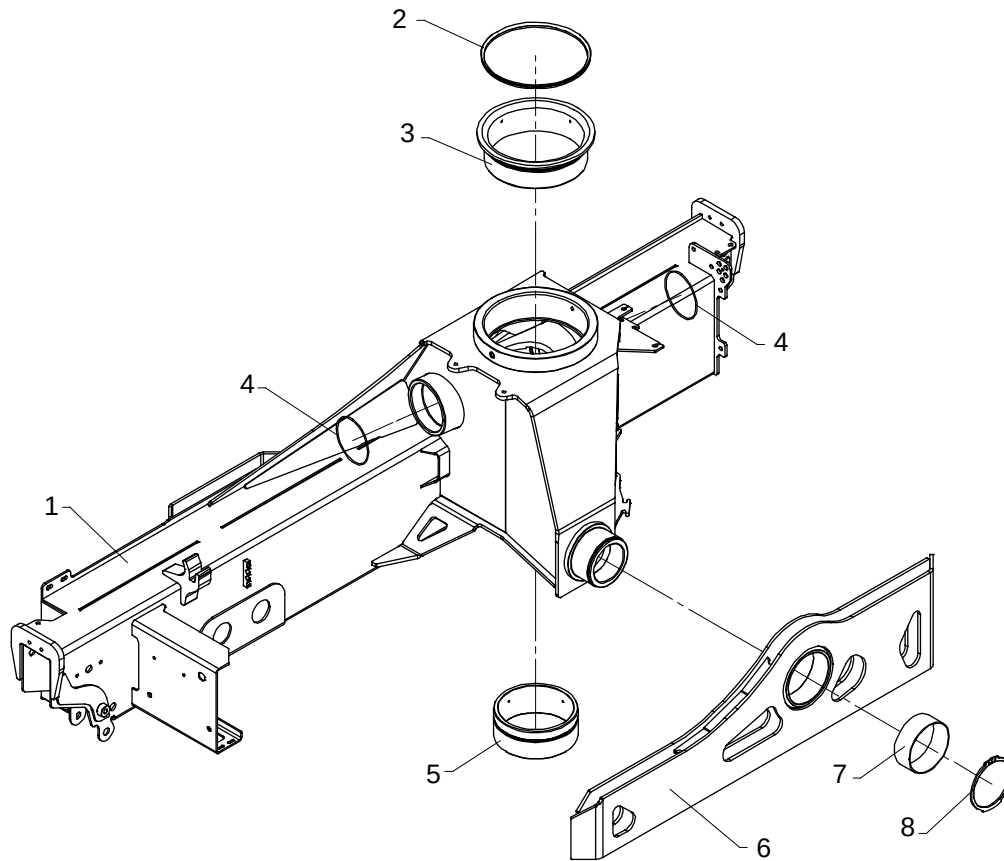
CHAPTER 3

Basic Loader

In This Chapter

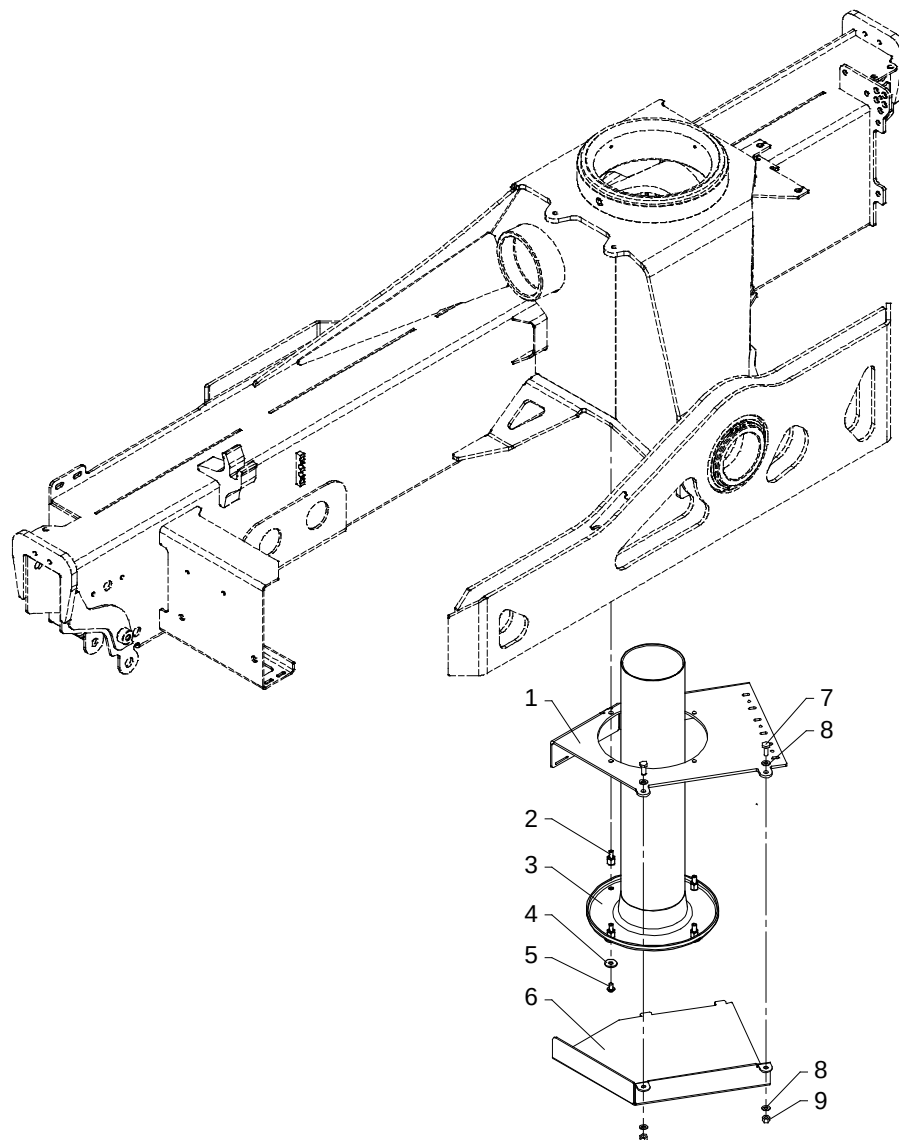
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Base, complete (53301010)



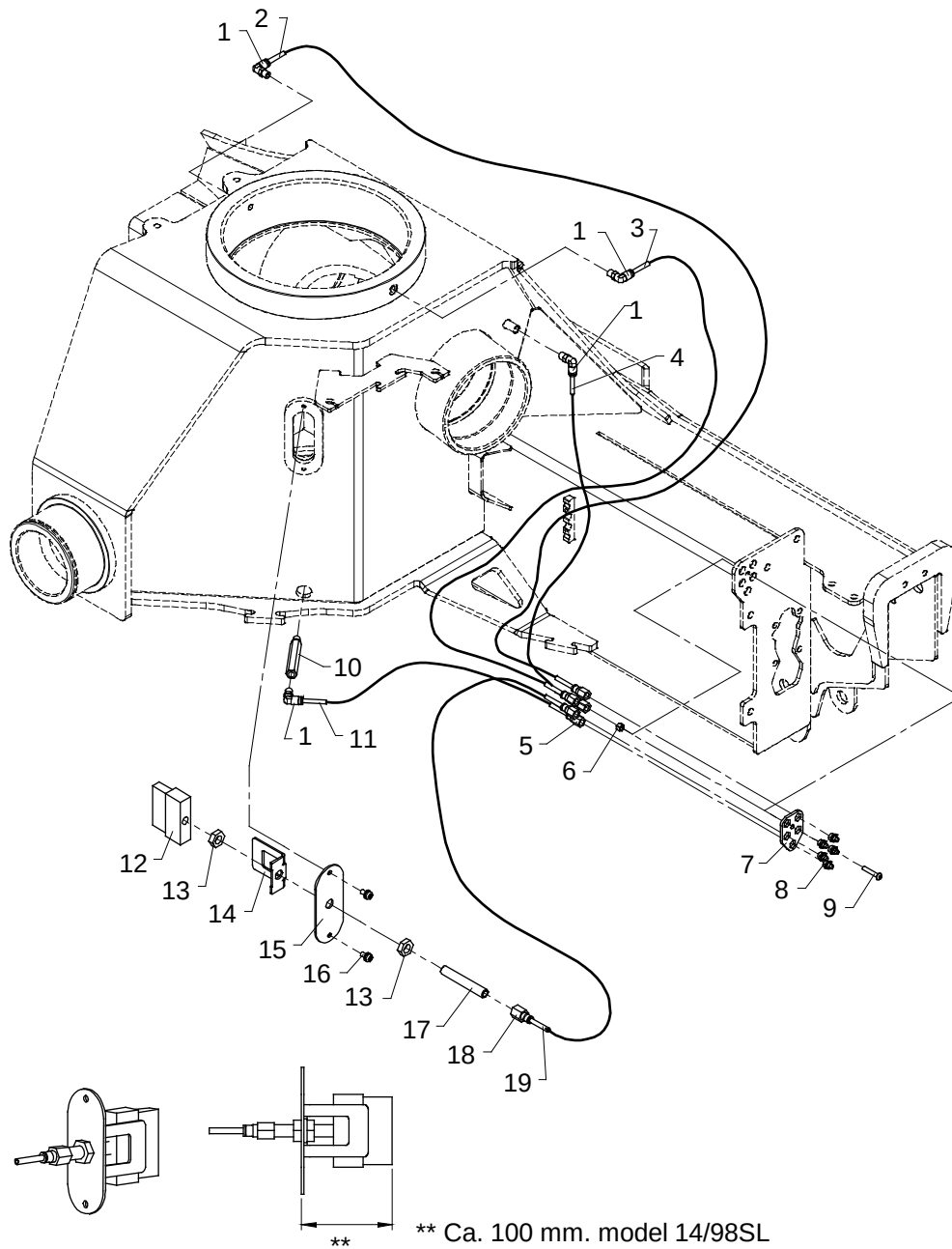
Parts for Base, complete (53301010)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340010	Base	6340001
2	1	21937	V-ring	VL-0275
3	1	63557	Top bearing	
4	2	20197	O-ring	OR 118 x 3
5	1	63558	Bottom bearing	
6	1	6306135	Suspension traverse	
7	1	23406	Composite bearing	ø130 x 50
8	1	33151	Circlip	130U

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

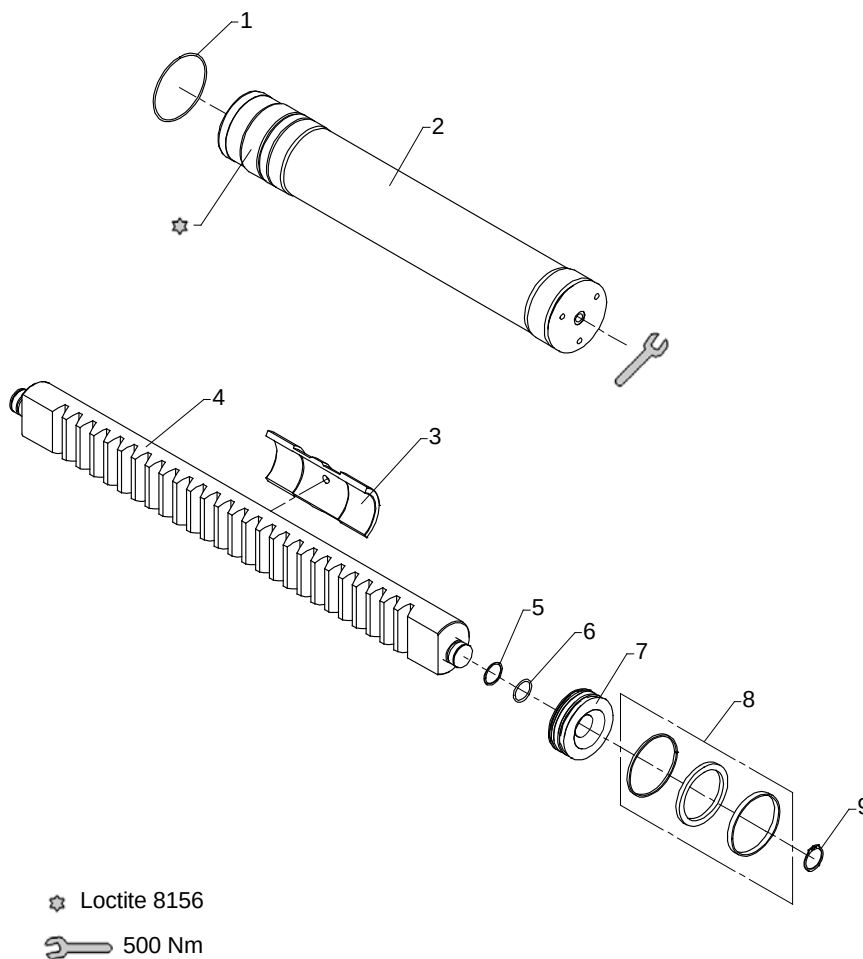
Central lubrication and lubricating brush (53301080)



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	

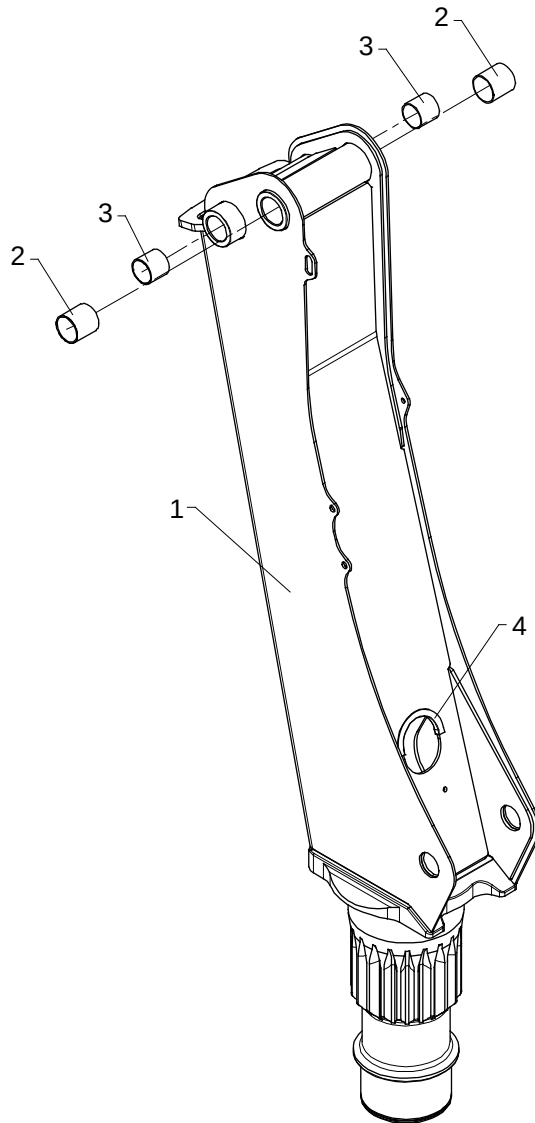
Central lubrication and lubricating brush (53301080)				
Pos	Qty.	Part no.	Description	Remarks
6	1	30884	Lock nut, stainless	M6
7	1	6306038	Lock plate	
8	5	31318	Lubricator	1/8" RG
9	1	32458	Screw	M6 x 30
10	1	6340046	Nipple (1/8" RG - 90 mm)	
11	1	41712	Cable lead-in	880 mm
12	1	31395	Brush	
13	2	25354	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)



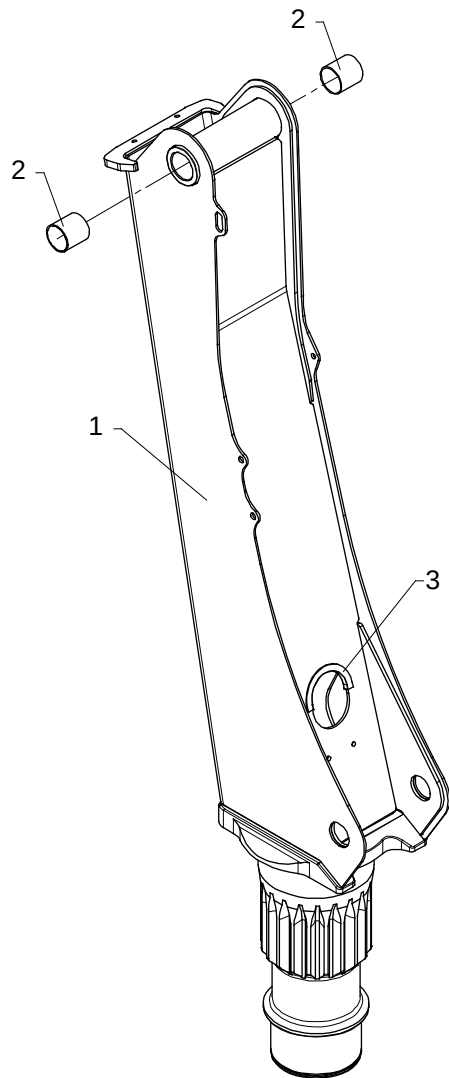
Slewing system, 400 degree (53301100)				
Pos	Qty.	Part no.	Description	Remarks
1	2	20208	O-ring	OR 114,5 x 3
2	2	6340041	Slewing cylinder	
3	1	63559	Guide block	
4	1	6340044	Rack (ø95-M10-400)	
5	2	20705	Back ring	STR 35 x 40 x 1,3
6	2	20177	O-ring	OR 34,2 x 3
7	2	6340045	Piston	
8	2	6894250	Seal kit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

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



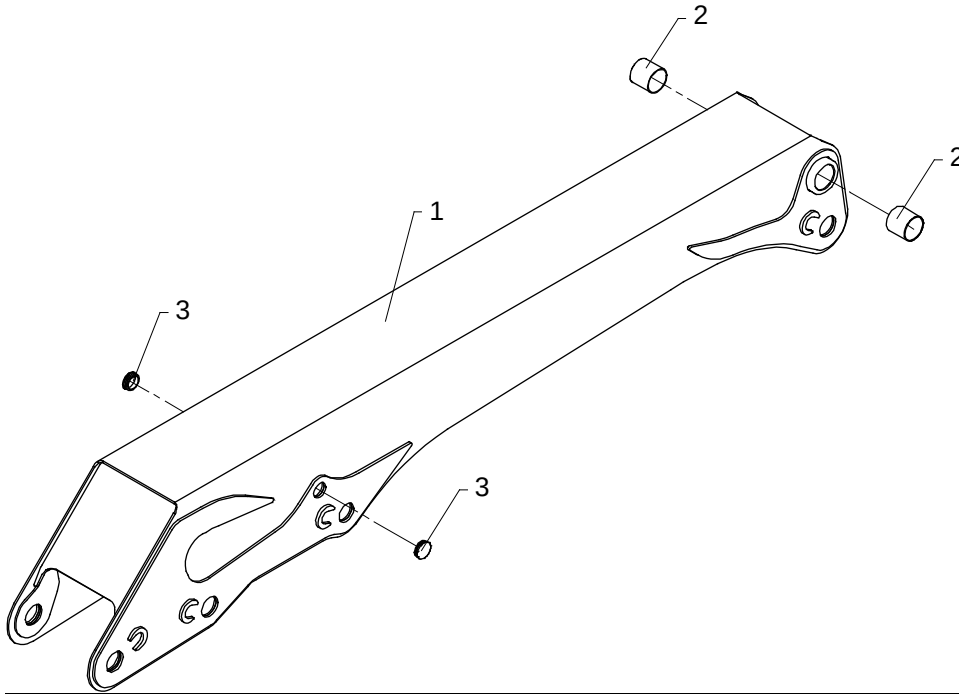
Column, cpl. for link arm system, boom (53301300)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340040	Column	6340051
2	2	23410	Composite bearing	ø55/60 x 60
3	2	23430	Composite bearing	ø50/55 x 50
4	1	46587	Rubber protection	180 mm

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



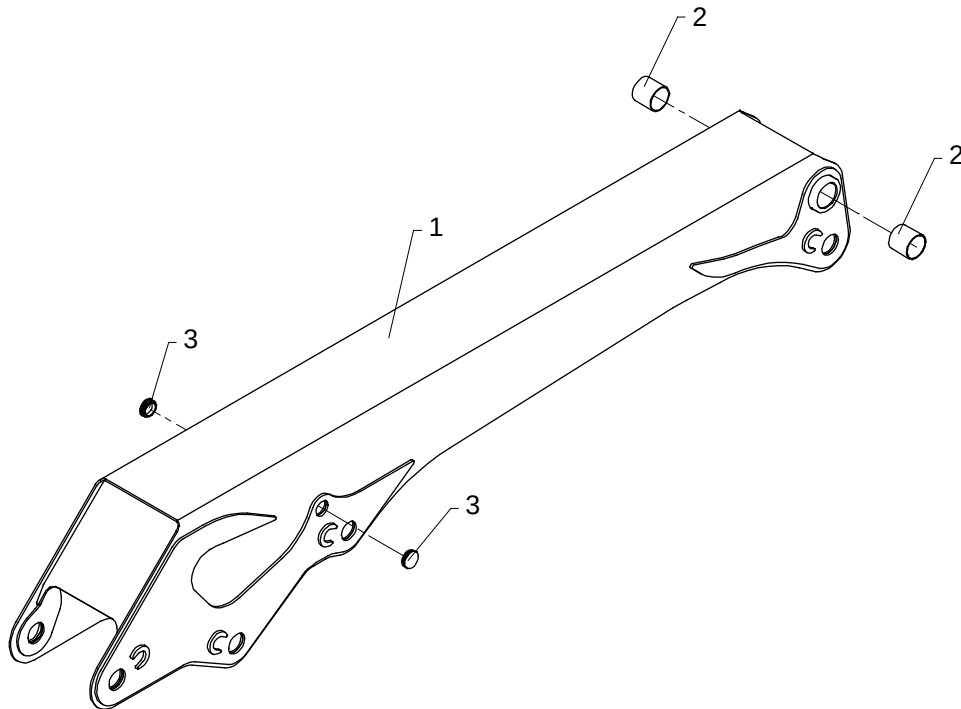
Column, cpl. for link arm system, boom (53301300)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340080	Column	6340071
2	2	23410	Composite bearing	ø55/60 x 60
3	1	46587	Rubber protection	180 mm

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	

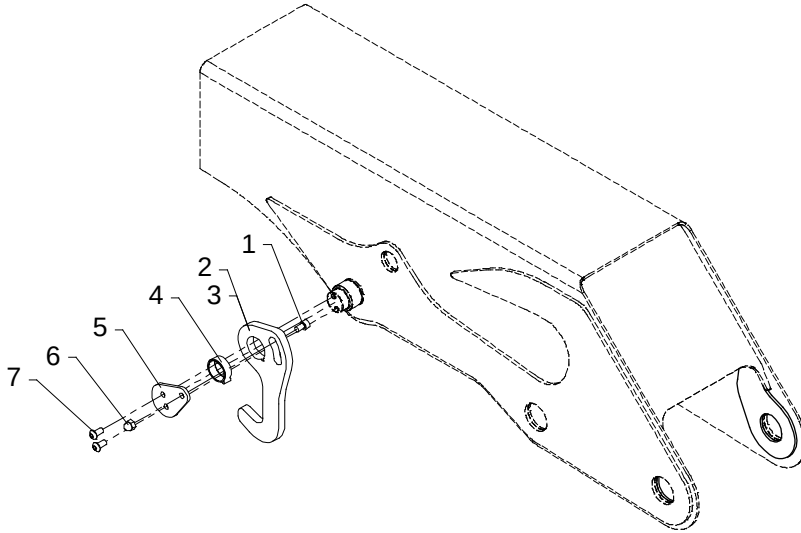
Main boom, cpl., no link arm system, boom (53301420)



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

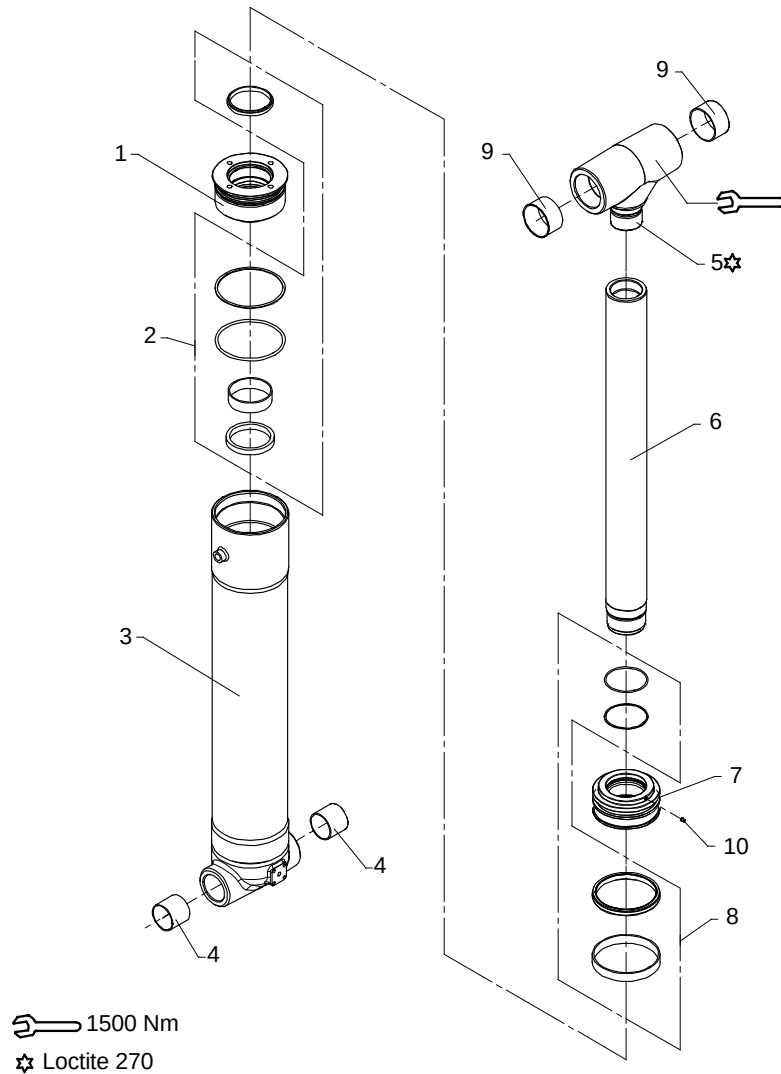
Pos	Qty.	Part no.	Description	Remarks
1	1	6340240	Main boom	6340191
2	2	23431	Composite bearing	ø60/65 x 60
3	2	64381	Ferrule	

Stowing hook, complete (53301450)



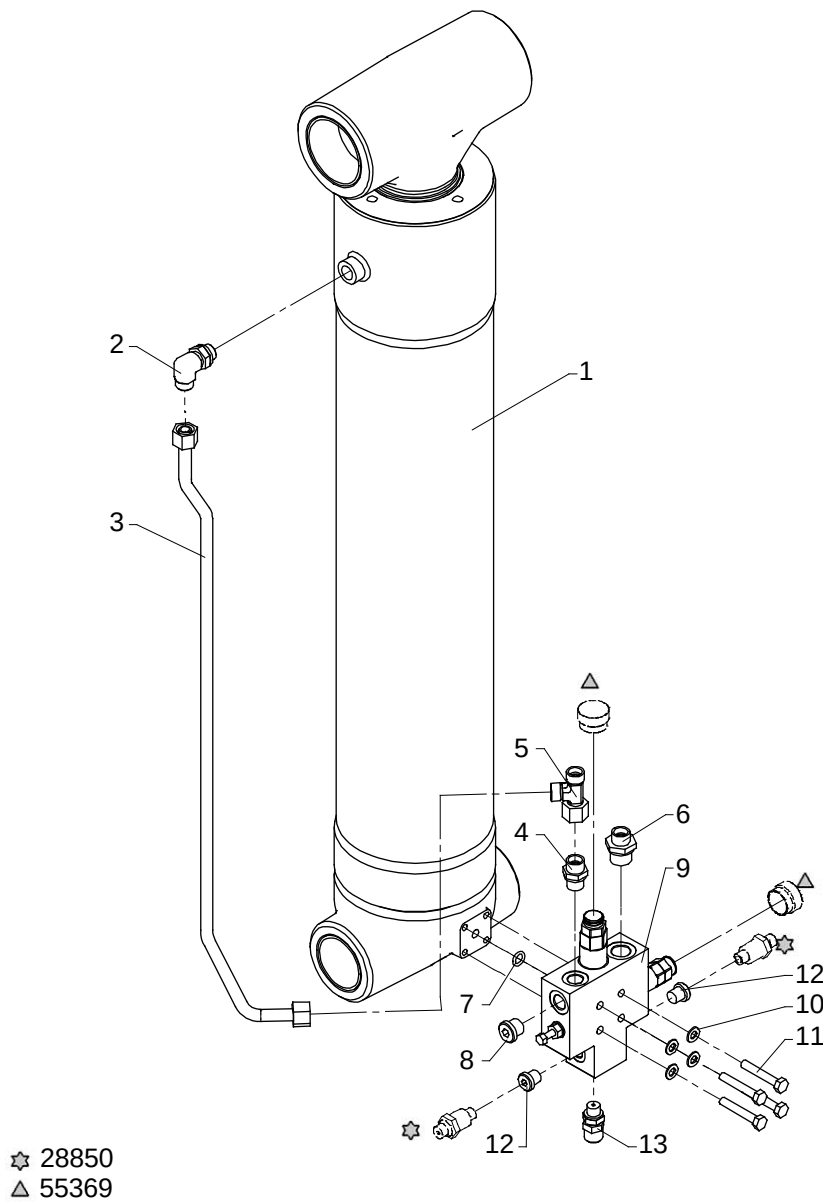
Stowing hook, complete (53301450)				
Pos	Qty.	Part no.	Description	Remarks
		6340210	Stowing hook	
		6342210	Stowing hook, cpl. (+FJ)	
1	1	30964	Screw	MC10 x 16
2	1	6340208	Stowing hook	
3	1	6340948	Stowing hook (loader + FJ)	
4	1	63565	Bearing	
5	1	6340209	End plate	
6	1	30902	Nut	M10
7	2	30926	Steel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

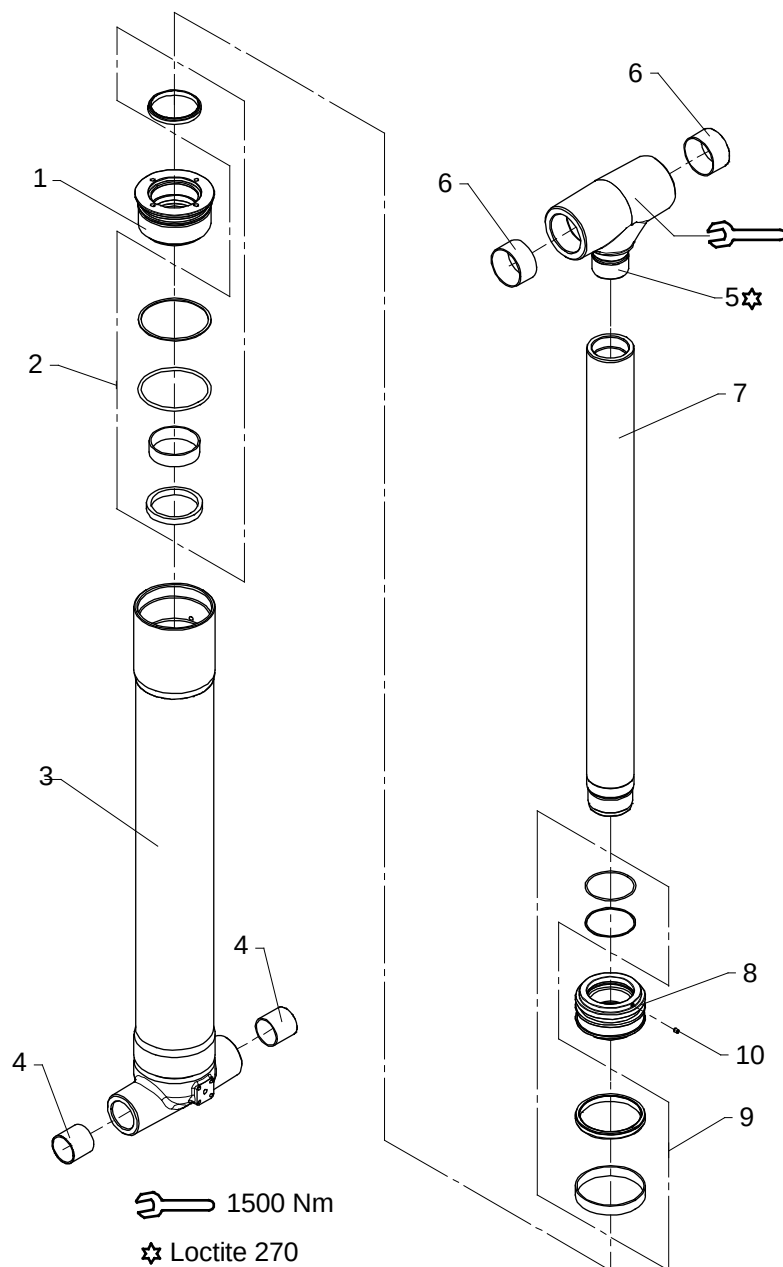
Boom cylinder C140 x 700 with LHV (1300K, 1420K) (53301490)



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.	

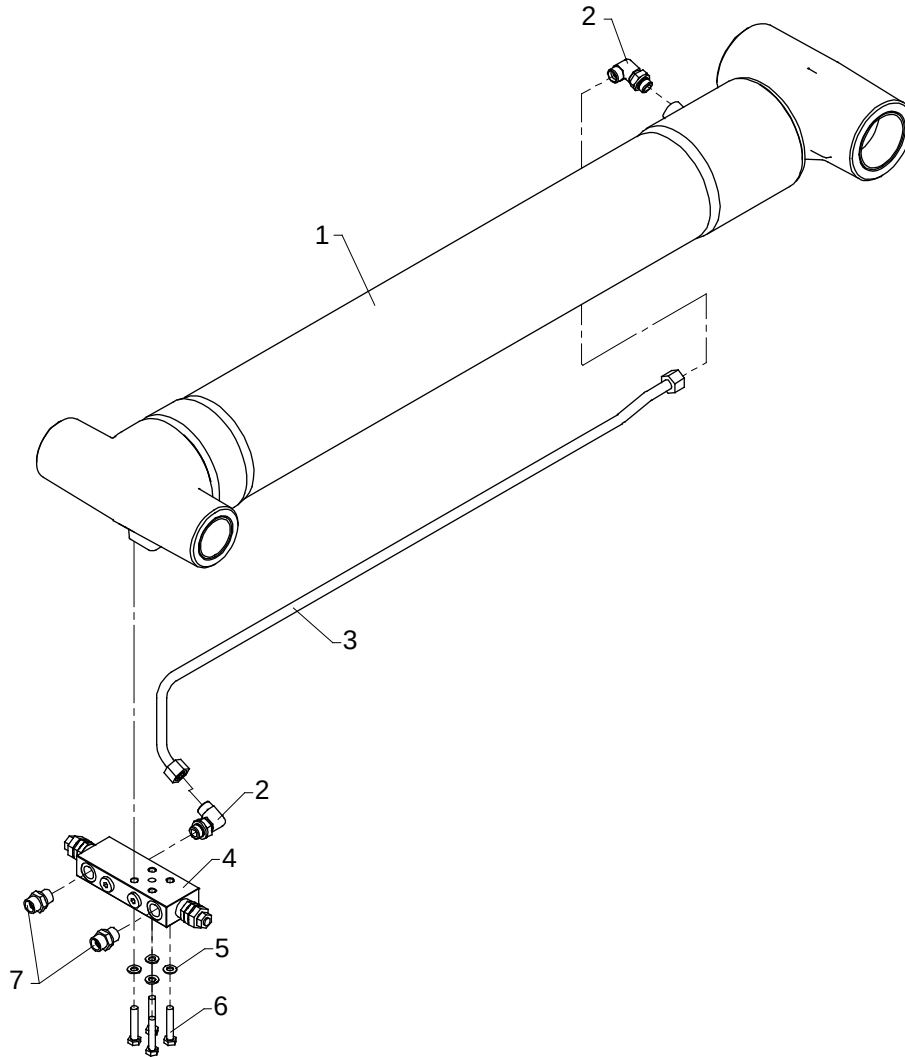
Jib cylinder C125 x 848 (53301600)



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)	

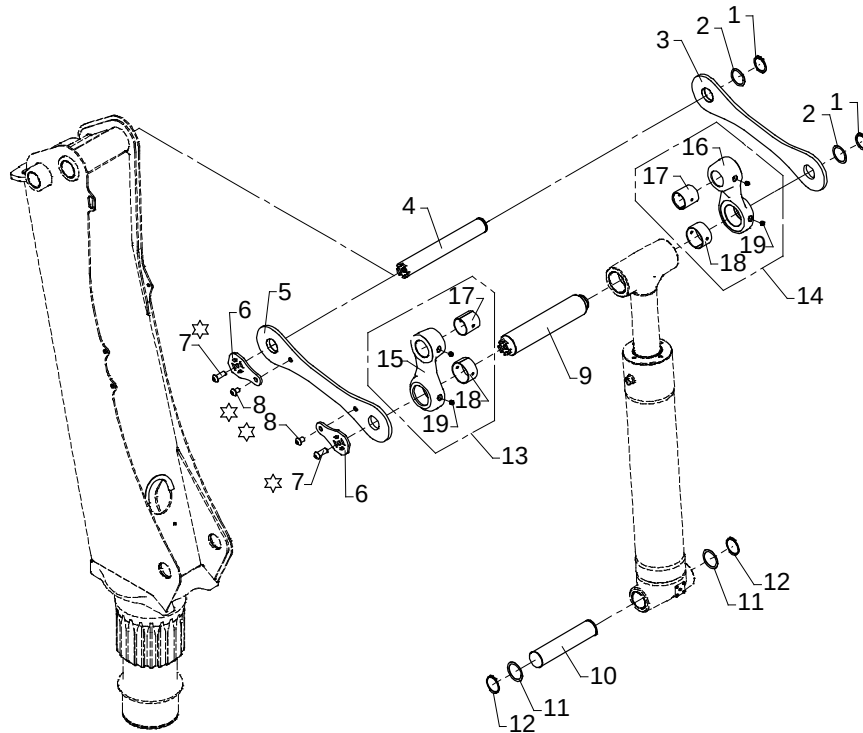
Jib cylinder C125 x 848 (53301600)				
Pos	Qty.	Part no.	Description	Remarks
6	2	23412	Composite bearing	ø70/75 x 40
7	1	6340154	Piston rod	
8	1	6340155	Piston	
9	1	6894000	Seal kit f. piston	
10	1	30903	Screw	MSP6 x 8

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)

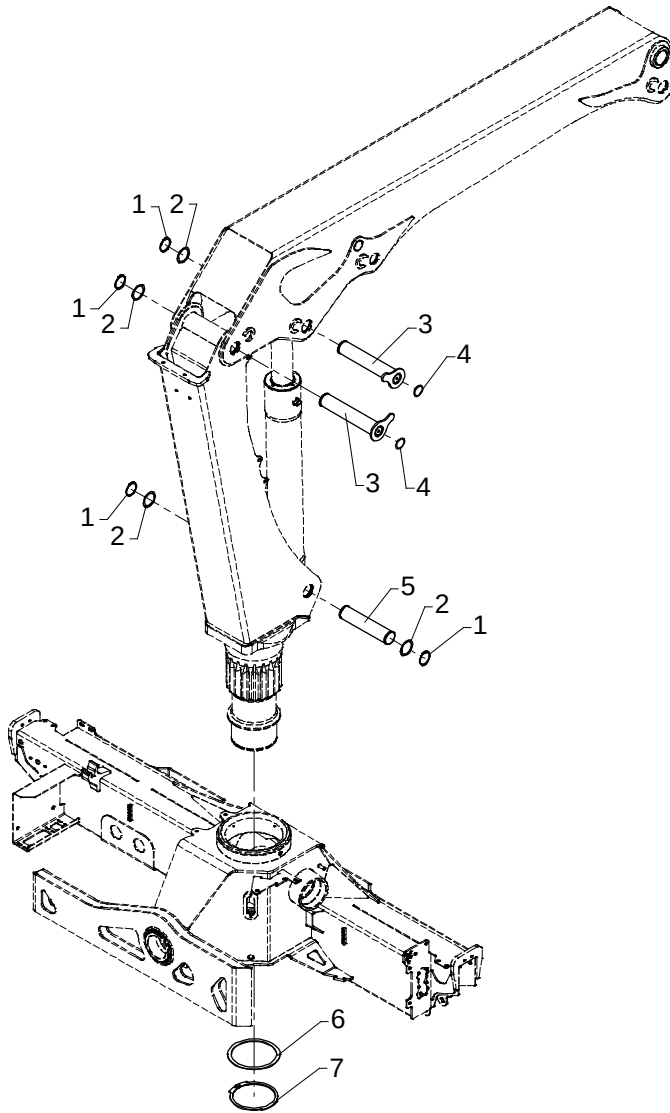


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Link arm system, boom (53301700)

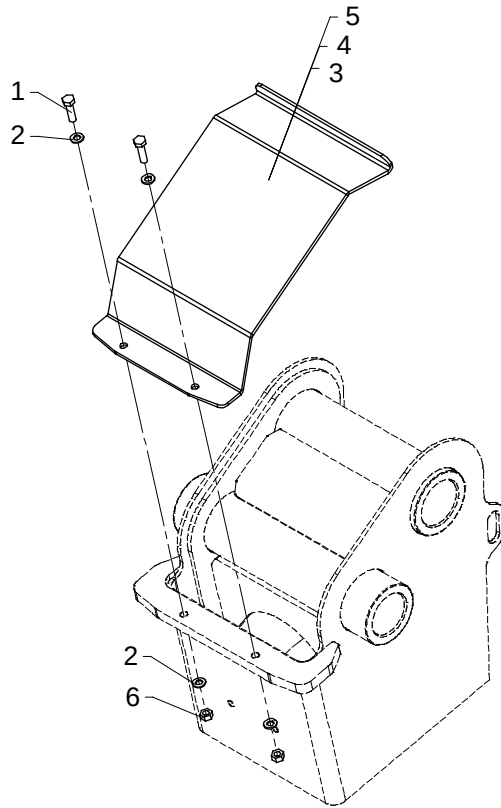
Pos	Qty.	Part no.	Description	Remarks
1	2	33129	Circlip	50U
2	2	33276	Washer	PS 50 x 62 x 1,0
3	1	6340164	Link arm, left	
4	1	6340165	Link arm pin L1 ø50	
5	1	6340163	Link arm, right	
6	2	6340169	Lock plate	
7	2	32369	Screw	M14 x 40
8	2	32368	Screw	M14 x 20
9	1	6340166	Link arm pin C2 ø70	
10	1	6340149	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)



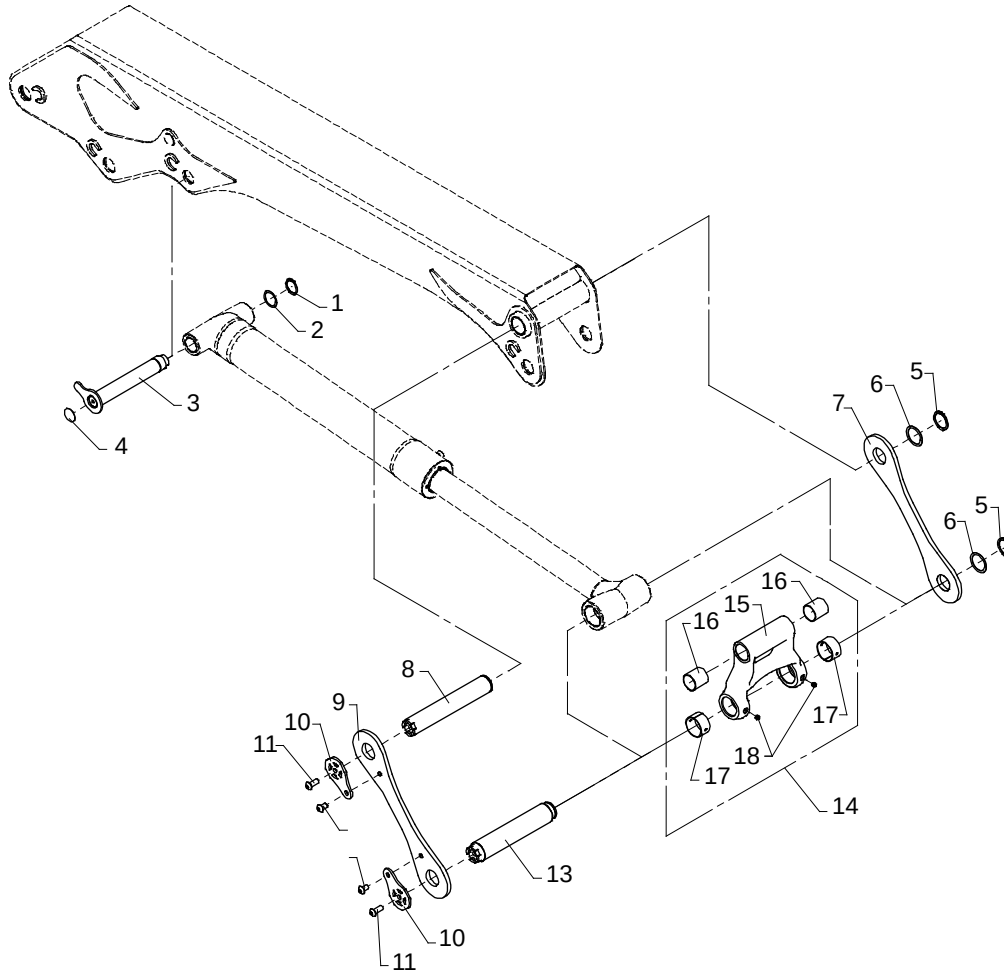
Mounting fittings, basic loader excl. link arm system (53301750)				
Pos	Qty.	Part no.	Description	Remarks
1	4	33132	Circlip Din 471	55U
2	4	33277	Washer	PS 55 x 68 x 1,0
3	2	6340201	Pin	
4	2	63472	Plug	
5	1	6340149	Pin	
6	1	6340049	Supporting washer	
7	1	33275	Circlip	180U

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

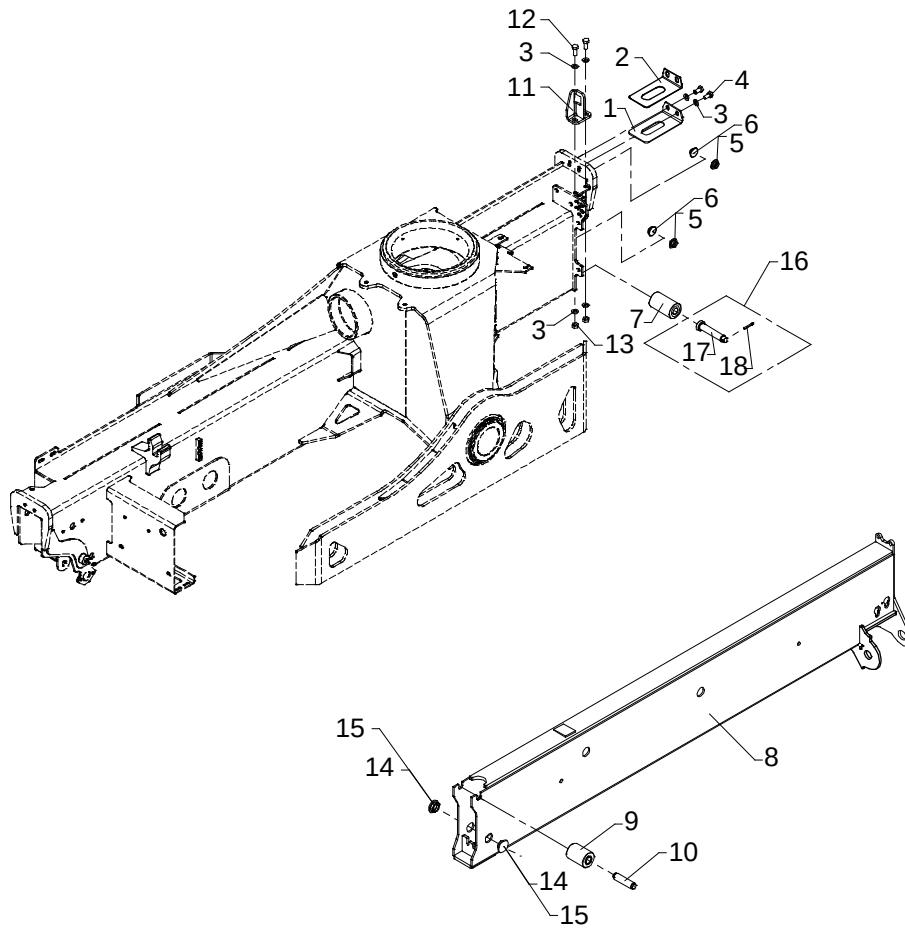
CHAPTER 4

Stabilizers

In This Chapter

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Stabilizer beam, type SH-4600 (53302090A)

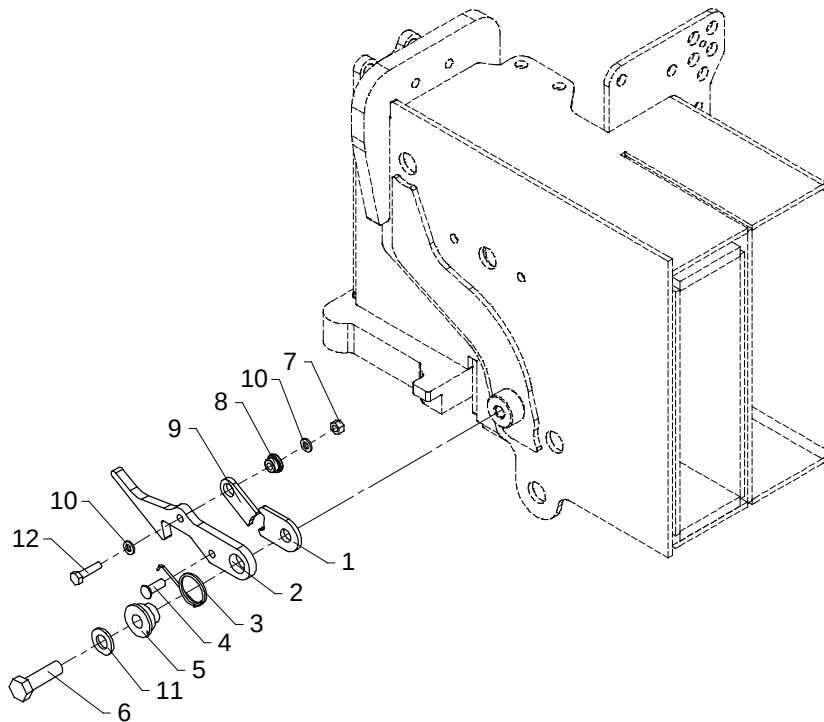


Stabilizer beam, type SH-4600 (53302090A)

Pos	Qty.	Part no.	Description	Remarks
		6341180	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	6340789YEL	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

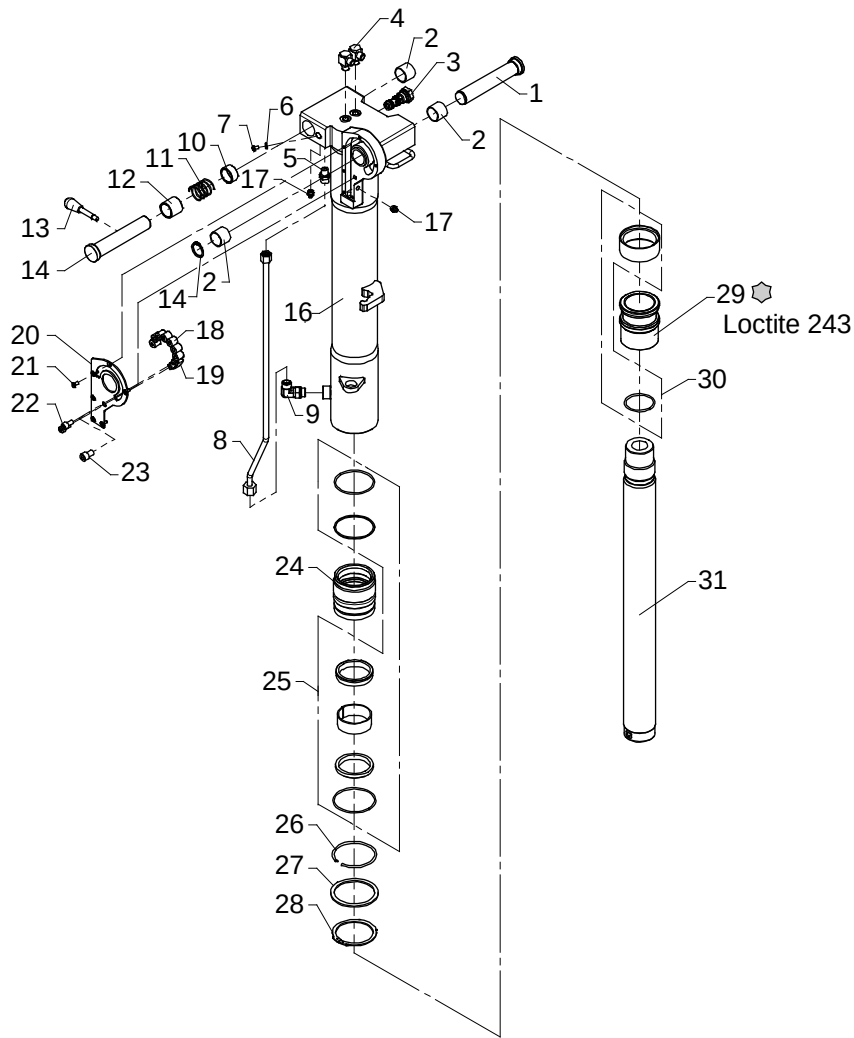
Stabilizer beam, type SH-4600 (53302090A)				
Pos	Qty.	Part no.	Description	Remarks
15	2	64424	Slide block	3 mm
16	1	6342030	No detection, legs down	
17	1	6341982	Pin for guide roller	
18	1	31615	Split pin	ø4 x 32

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

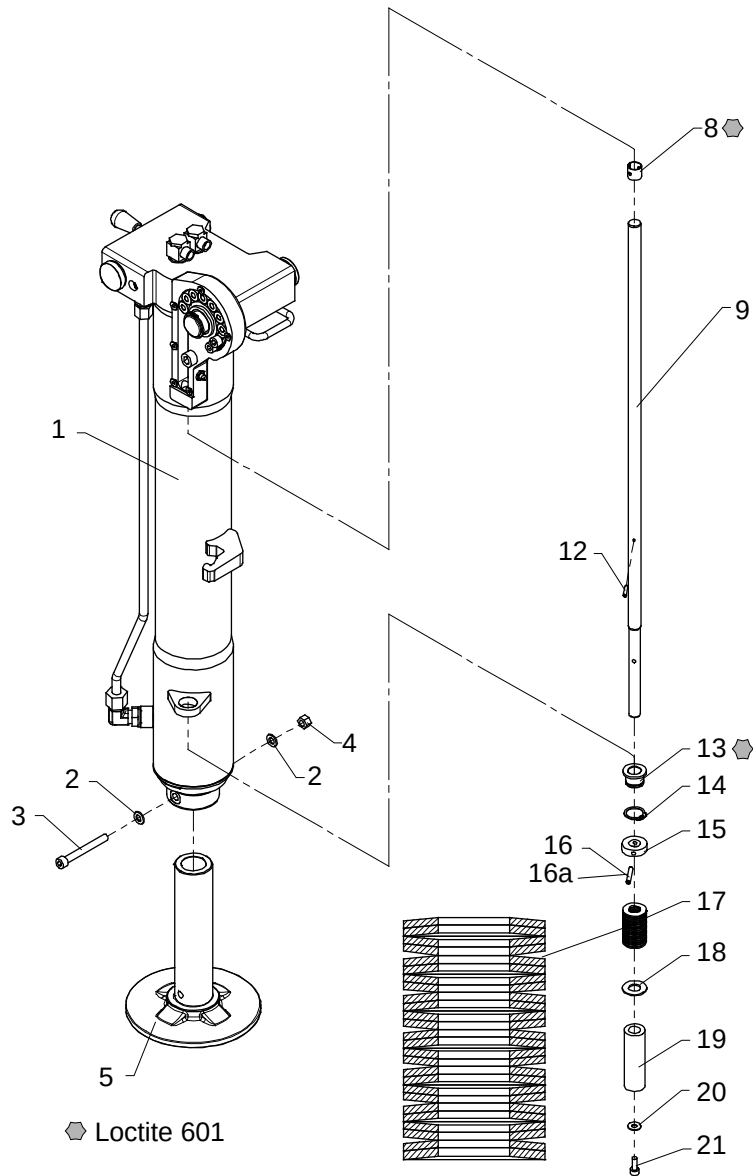
Stabilizer cylinder, C80-520, type HR (53302240)



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	

Stabilizer cylinder, C80-520, type HR (53302240)				
Pos	Qty.	Part no.	Description	Remarks
11	1	33490	Compression spring	
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	
12.	1	31202	Retaining pin	ø3 x 20

Stabilizer cylinder with swing-up mechanism, type HR (53302245)				
Position	Quantity	Part no.	Description	Remarks
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

CABLE WITH LEVER ASSEMBLIES MOUNT HERE

O-RING SEALS (20144) (QTY 2/SPOOL)

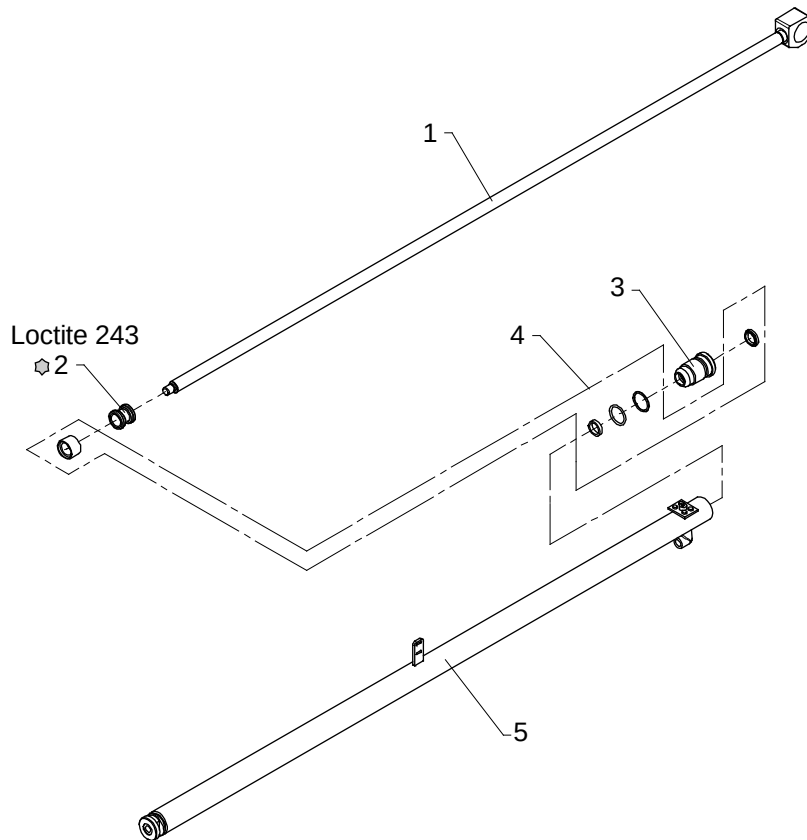
BRACKET 63499

CLEVIS 48414

CABLE WITH LEVER ASM
59" LONG (48465) (QTY 2)
90" LONG (48469) (QTY 2)

RUBBER BOOT (48473)

Beam cylinder C32 - 1137 (6340790)



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	

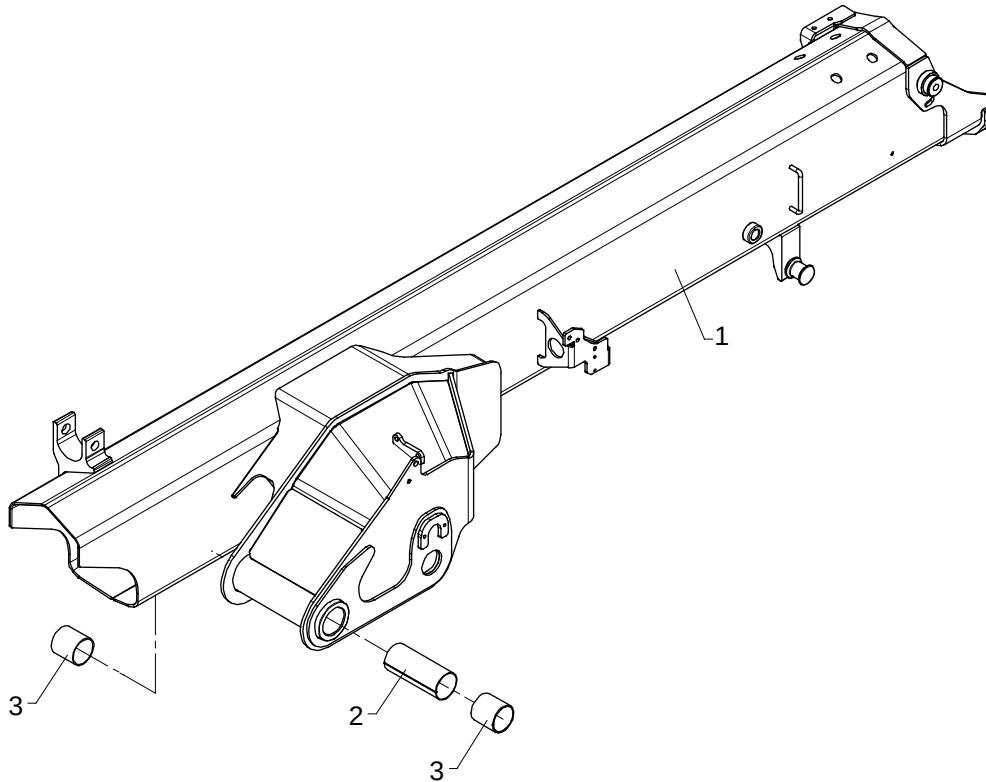
CHAPTER 5

Boom System

In This Chapter

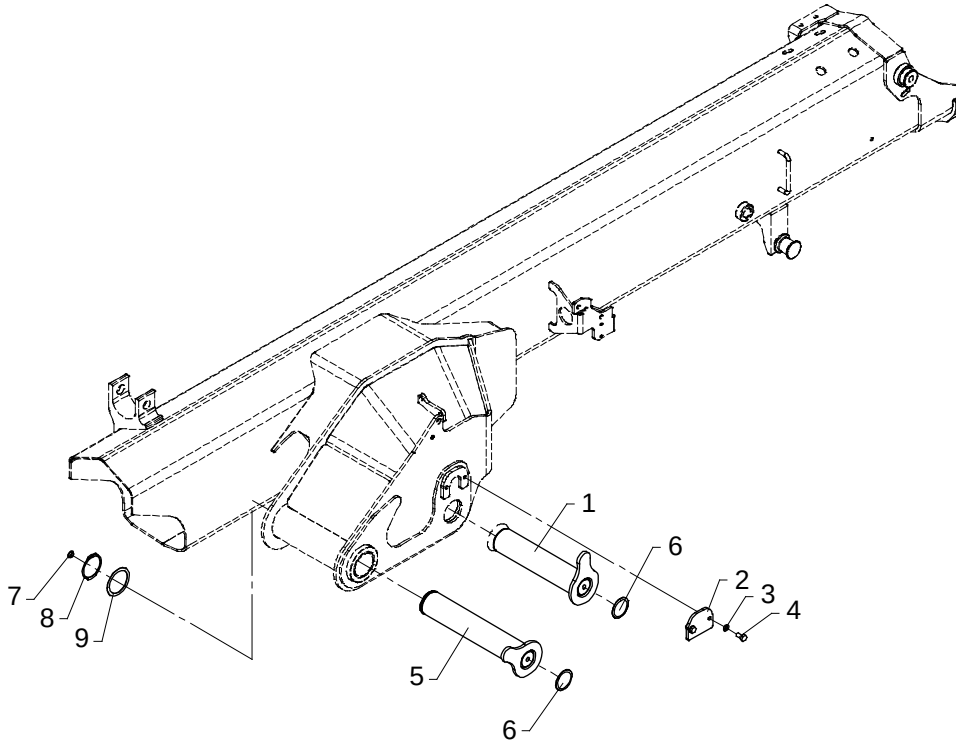
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Jib, complete (53303010)



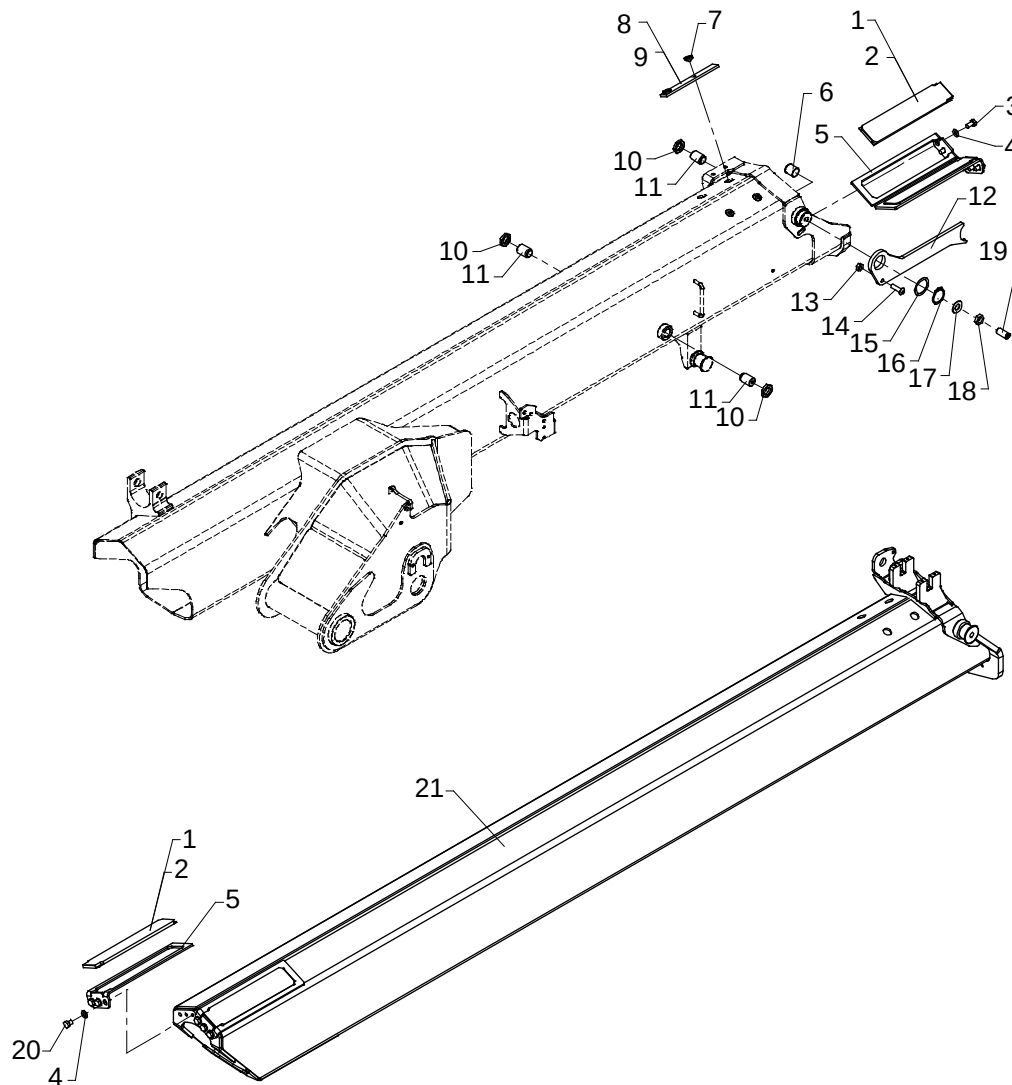
Jib, complete (53303010)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340280	Jib	6340281
2	1	63475	Plate	
3	2	23410	Composite bearing	ø55/60 x 60

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

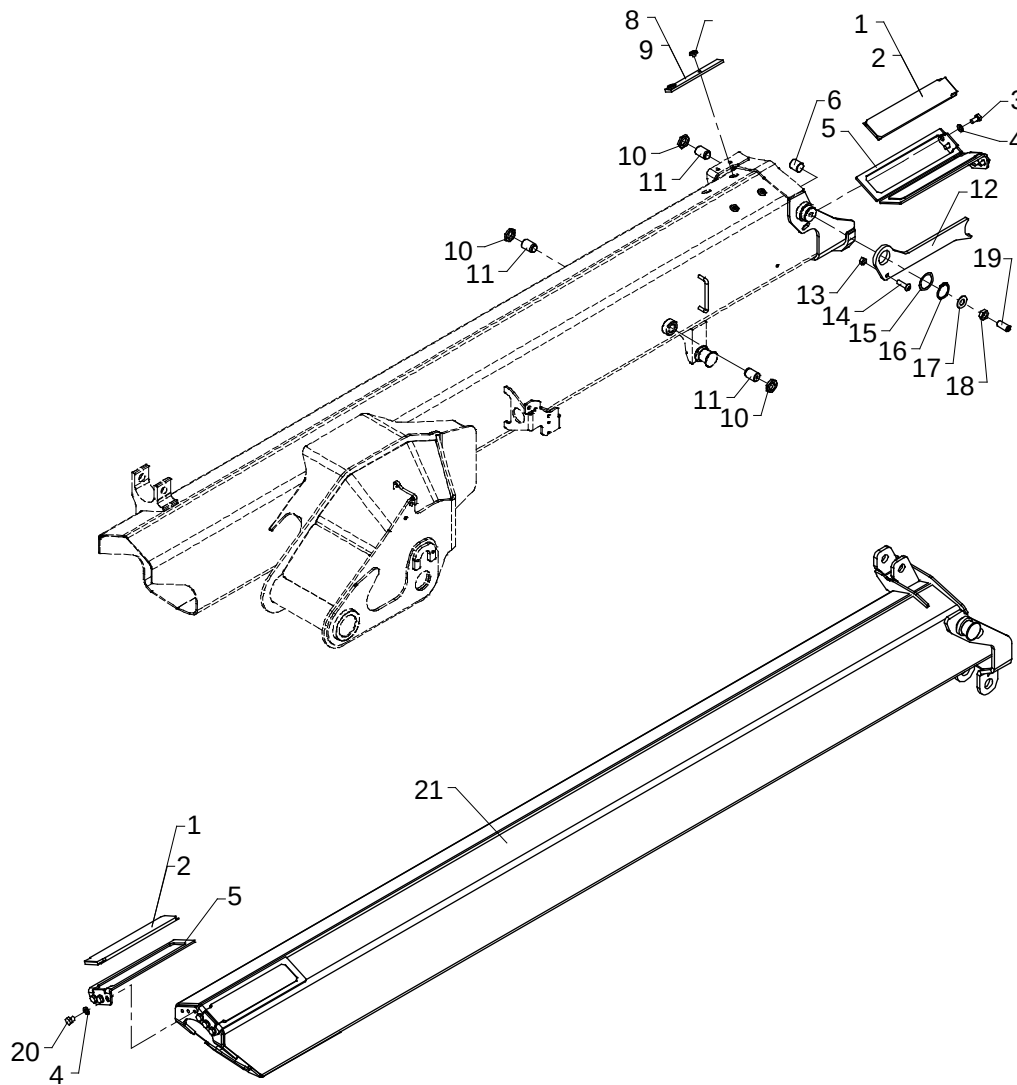
Jib extension I incl. fittings (53303100)



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)

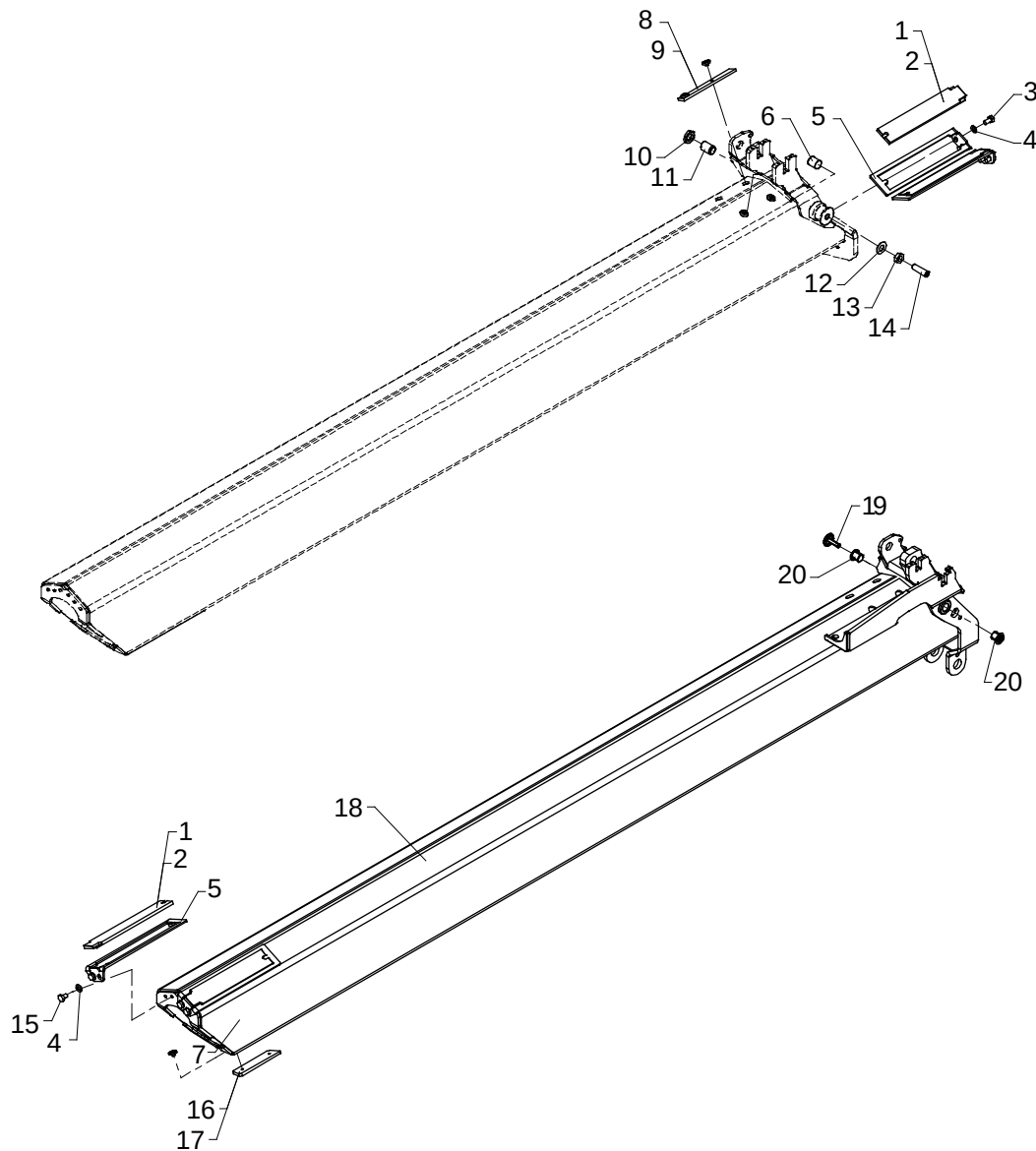


Jib extension K1 incl. fittings (53303105)

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	

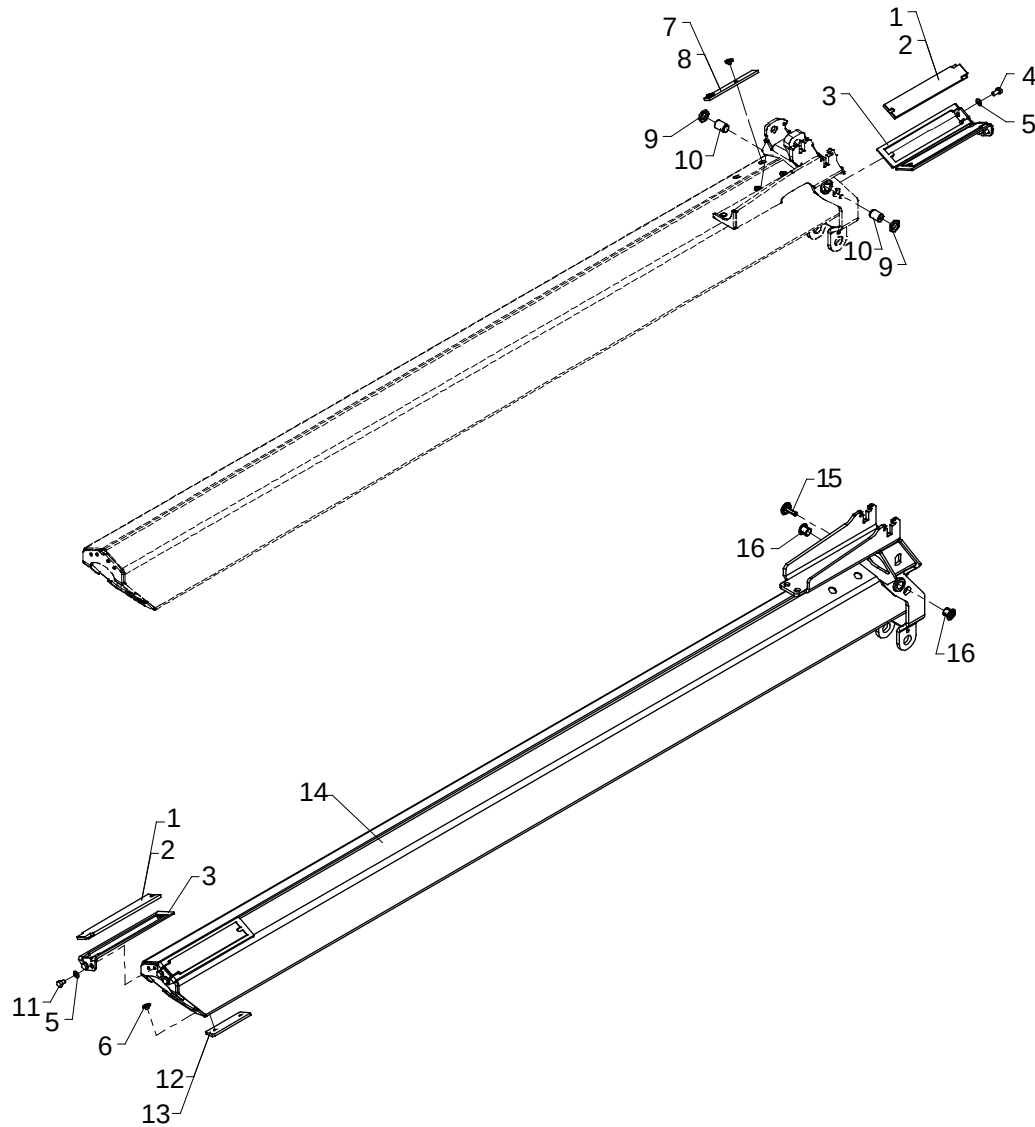
Jib extension K2 incl. fittings (53303110)



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)

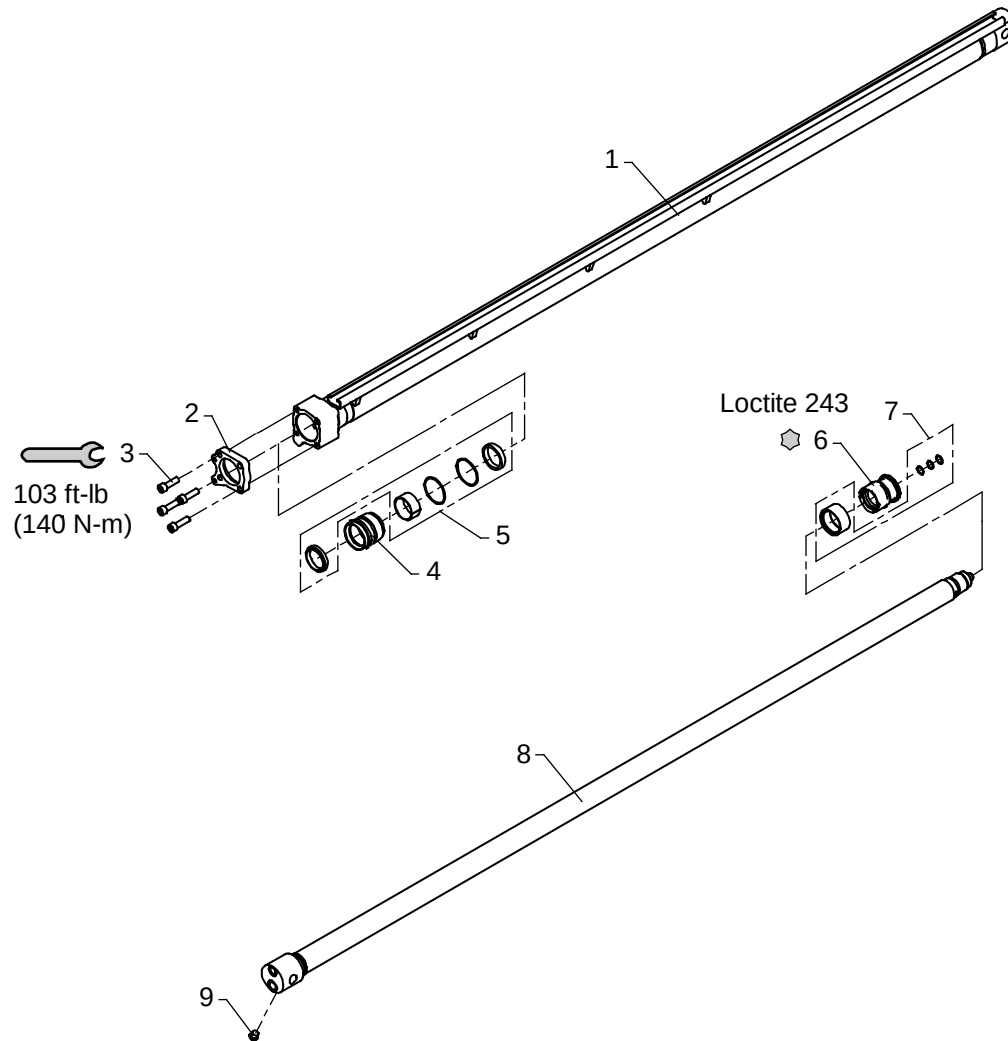


Jib extension K3 incl. fittings (53303120)

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

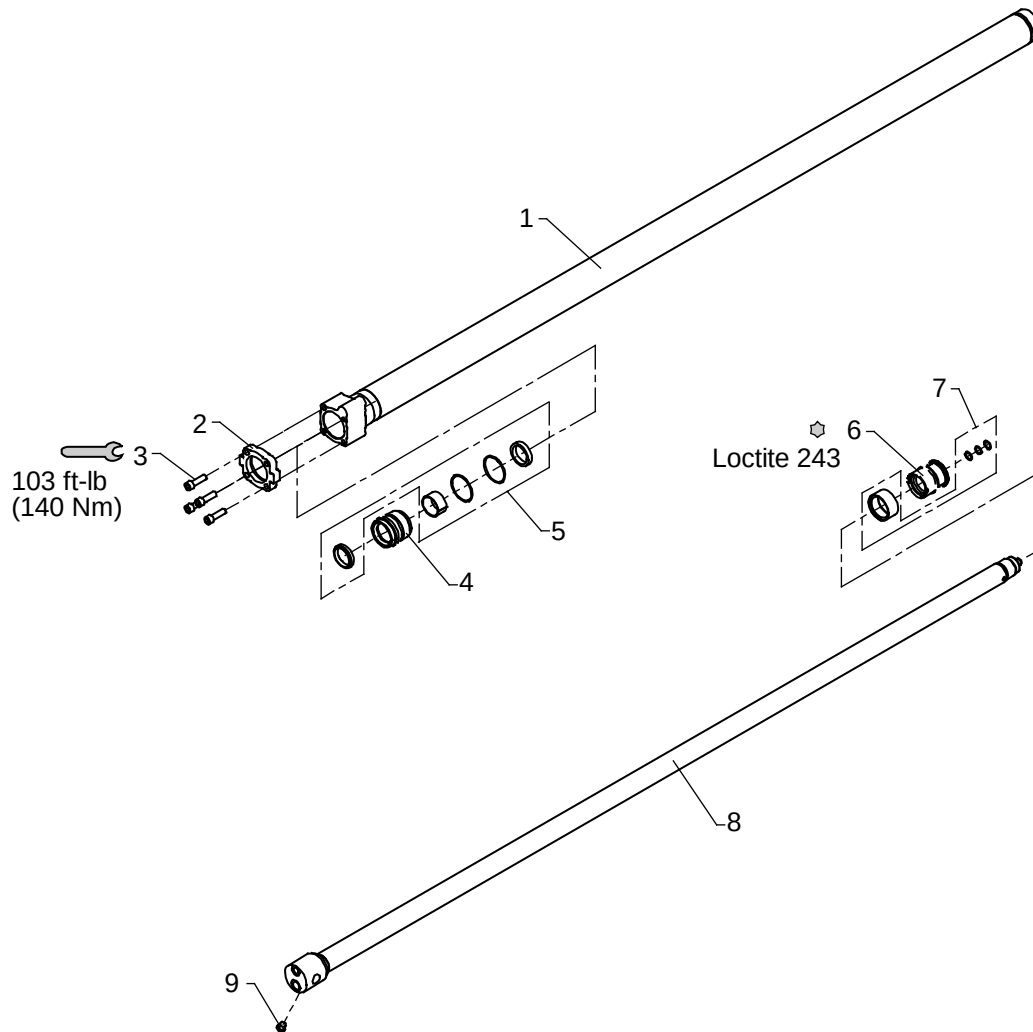
Jib extension K3 incl. fittings (53303120)				
Pos	Qty.	Part no.	Description	Remarks
10	2	6304409	Guide	
11	4	30152	Set screw	M10 x 14
12	2	6340377	Spacer	6 mm
13	2	6340378	Spacer	7 mm
14	1	6340361	Extension III	
15	1	63568	Plastic plug with logo	
16	2	63487	Plug	

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



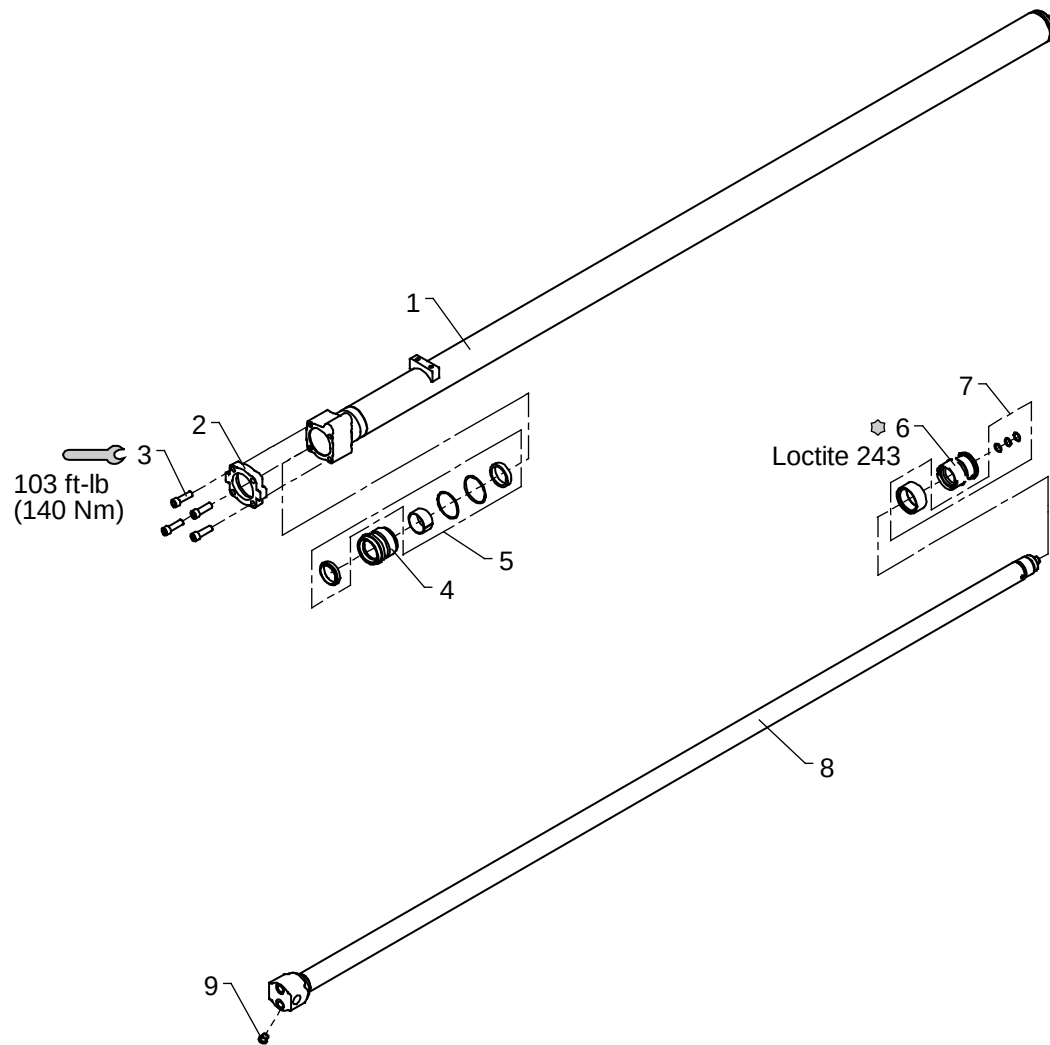
Extension cylinder I (C63/50 x 1935) (53303300)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340545	Cylinder pipe	
2	1	6340553	Mounting flange	
3	4	30475	Screw	MC12 x 40
4	1	6340551	Guide	
5	1	6894130	Seal kit f. guide	
6	1	6340552	Piston	
7	1	6894120	Seal kit f. piston	
8	1	6340541	Piston rod	
9	1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

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



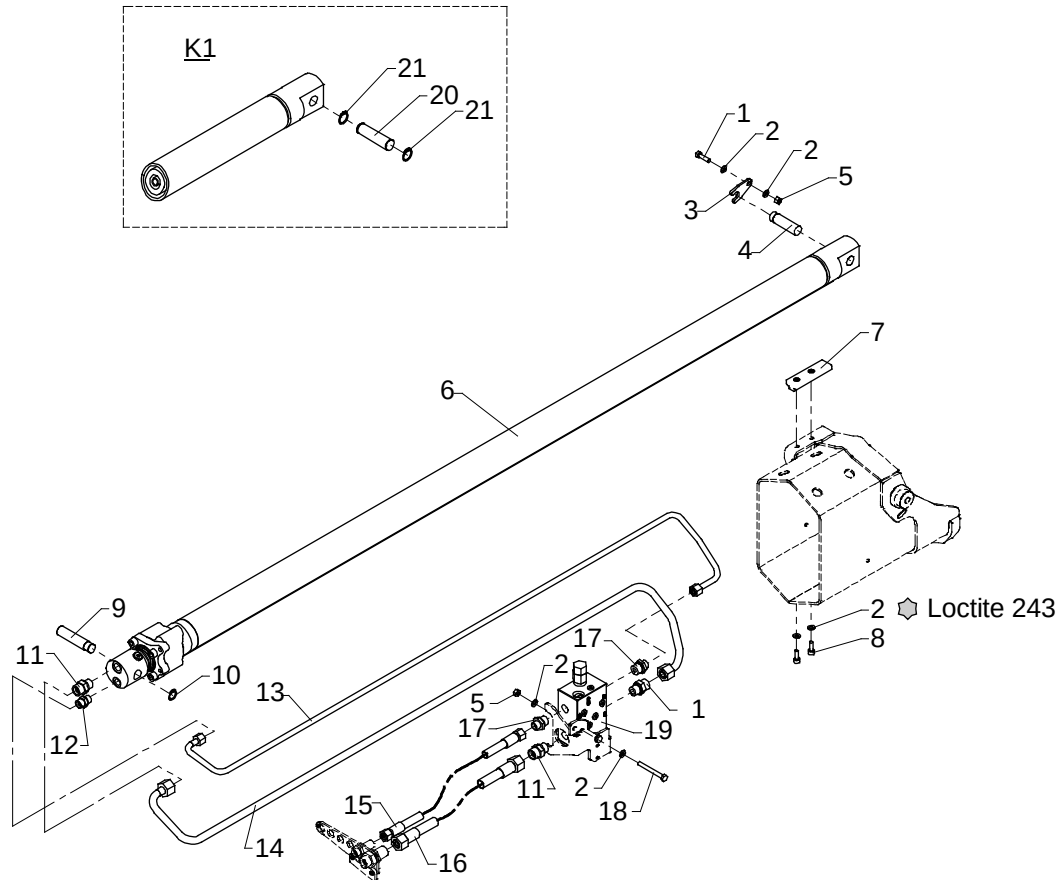
Extension cylinder II (C63/45 x 2000) (53303310)				
Pos	Qty.	Part no.	Description	Remarks
1	1	6340565	Cylinder pipe	
2	1	6340567	Mounting flange	
3	4	30475	Screw	MC12 x 40
4	1	6340554	Guide	
5	1	6894140	Seal kit f. guide	
6	1	6340552	Piston	
7	1	6894120	Seal kit f. piston	
8	1	6340561	Piston rod	
9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

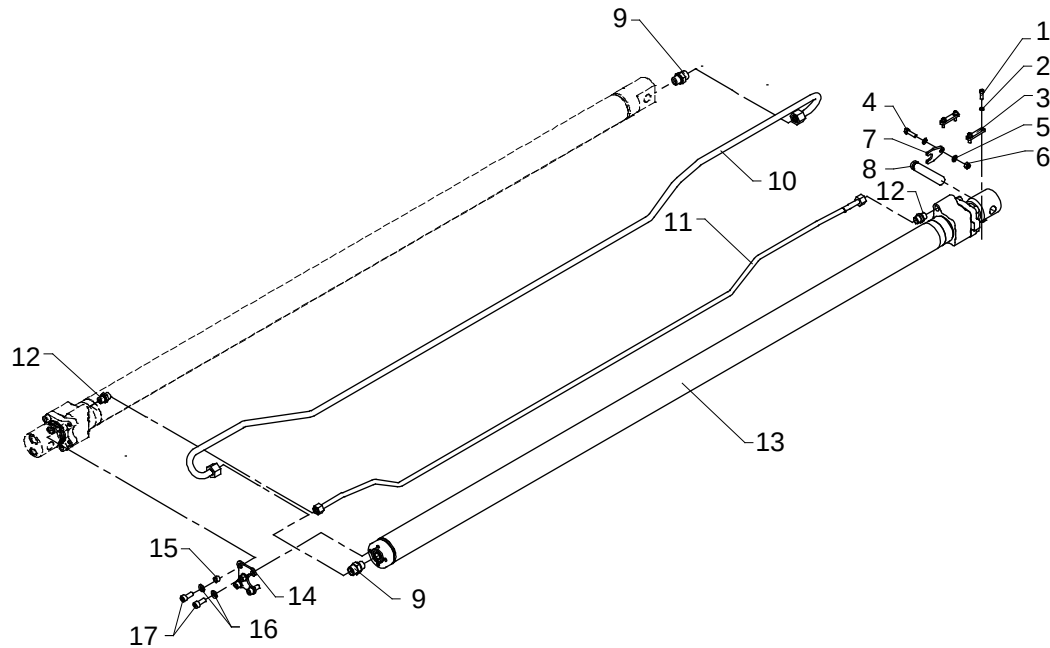
Extension cylinder I incl. fittings (53303500)



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	

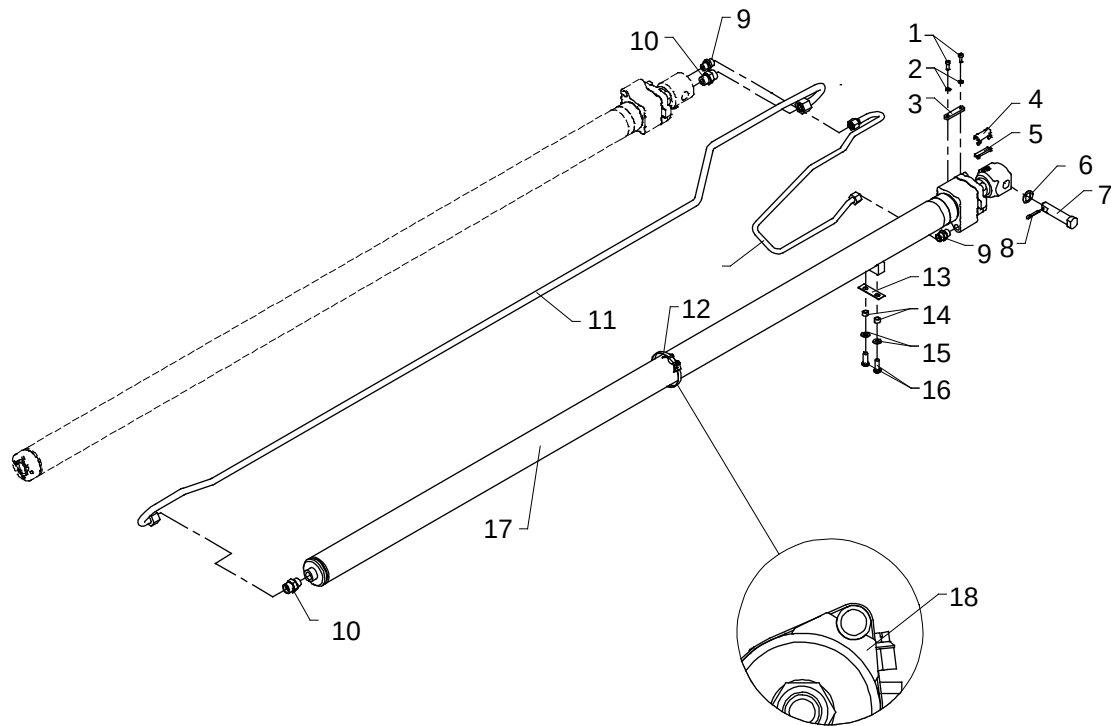
Extension cylinder I incl. fittings (53303500)				
Pos	Qty.	Part no.	Description	Remarks
14	1	6340641	Pipe CI	
15	1	56383	Hose	3/8" x 650 mm L/L
16	1	56384	Hose	1/2" x 680 mm L/L
17	2	25108	Connection	GES 12 LR 1/2- WD
18	2	30812	Steel bolt, stainless	M8 x 75
19	1	59044	Load holding valve	
20	1	6304229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

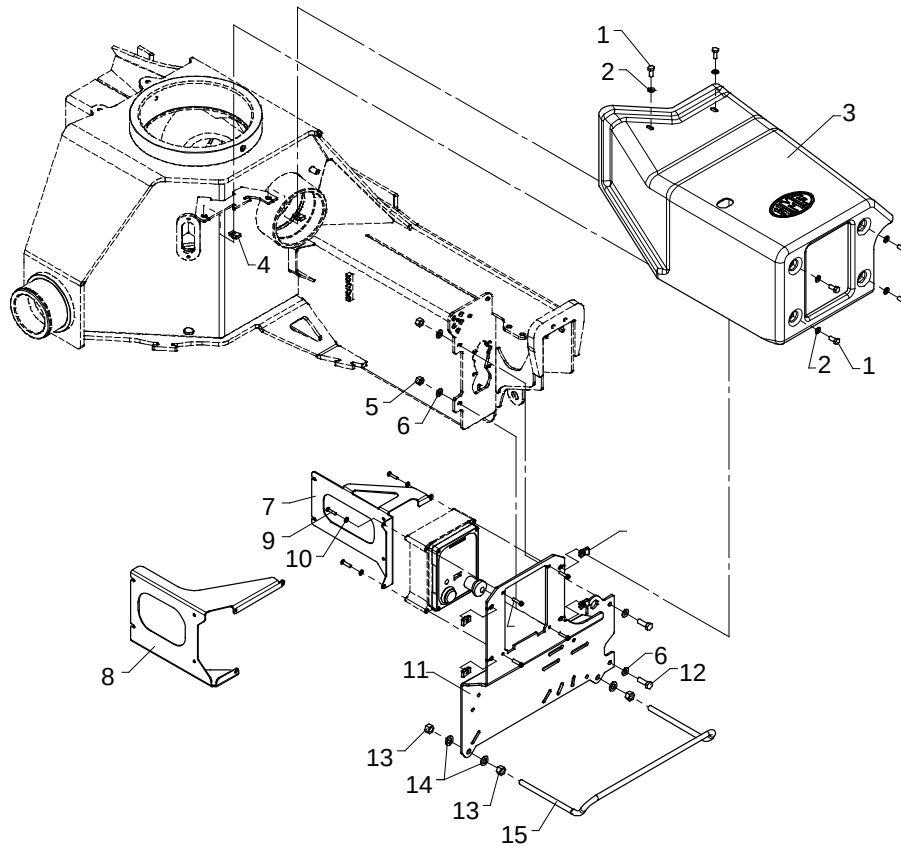
CHAPTER 6

Hydraulic Systems

In This Chapter

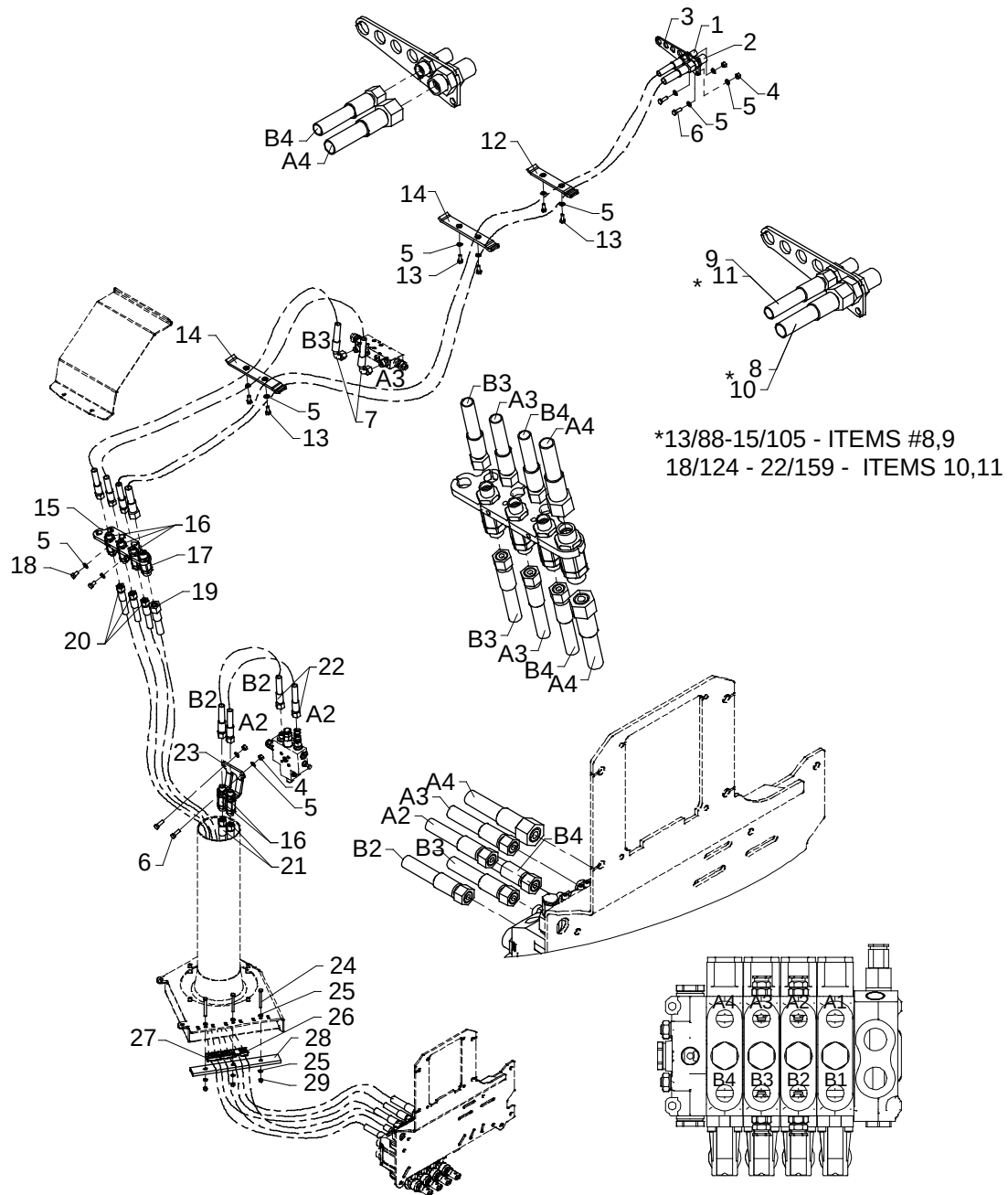
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Valve brackets (53305010)



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
14	4	32338	Washer	12 mm
15	1	6239973	Clamp	

Hose kit, loader functions, std. (53305400)

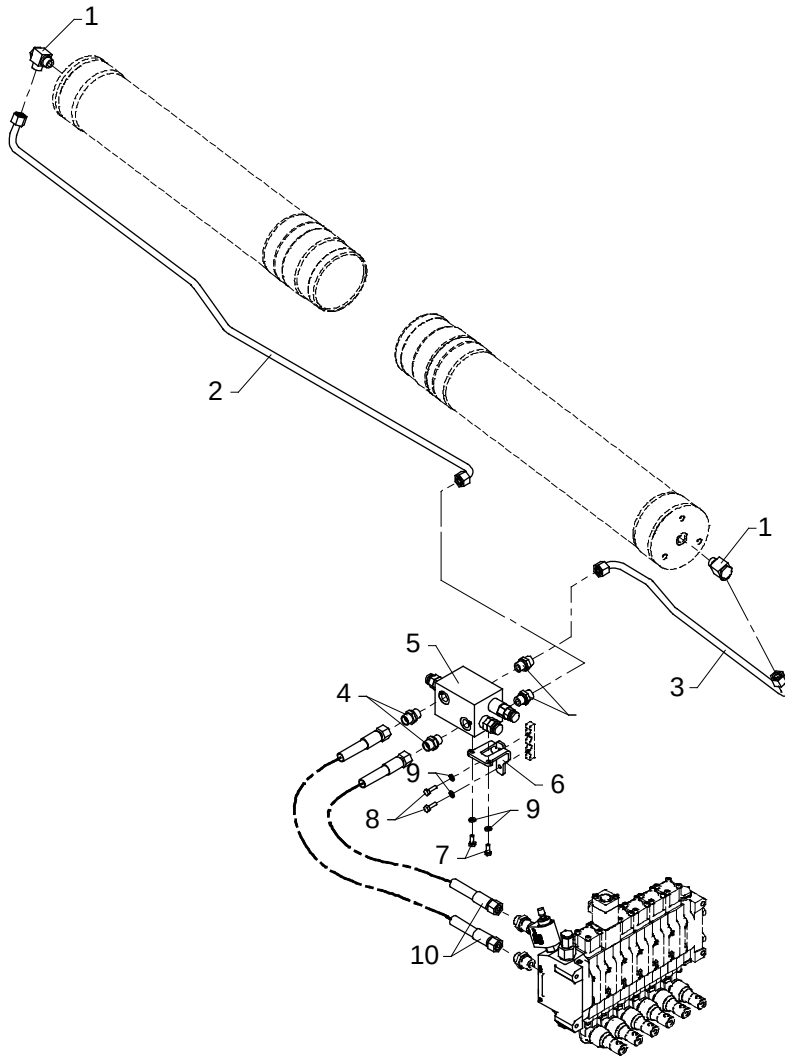


Hose kit, loader functions, std. (53305400)

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	

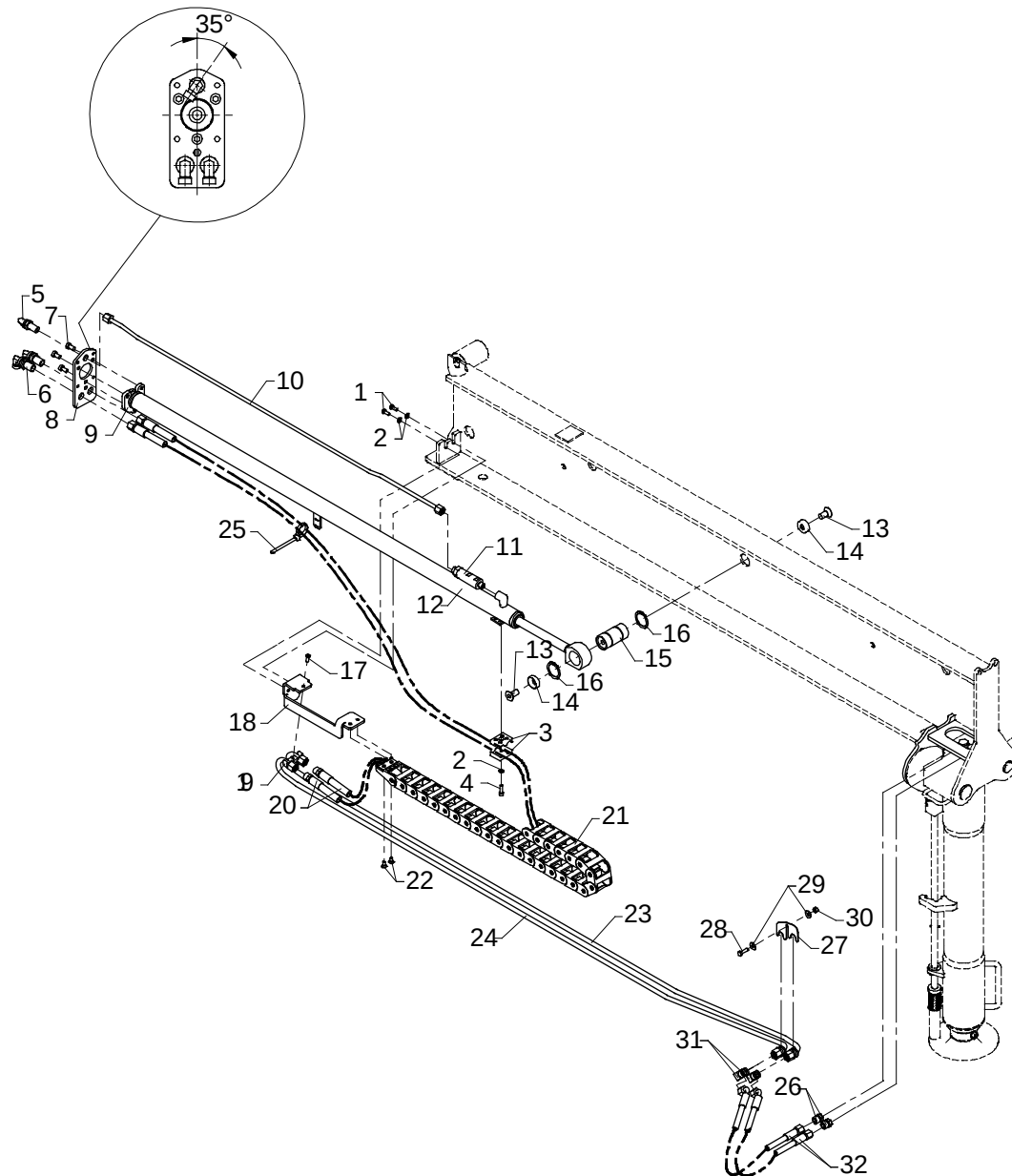
Hose kit, loader functions, std. (53305400)				
Pos	Qty.	Part no.	Description	Remarks
		6343250	Clamp kit, std.	
1	1	25201	Bulkhead connection	GSS 12 L
2	1	26335	Bulkhead connection	P-GSV 16 S
3	1	6340315	Bracket, bulkhead connections	
4	4	30886	Lock nut, stainless	M8
5	14	31147	Washer, stainless	8 mm
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	

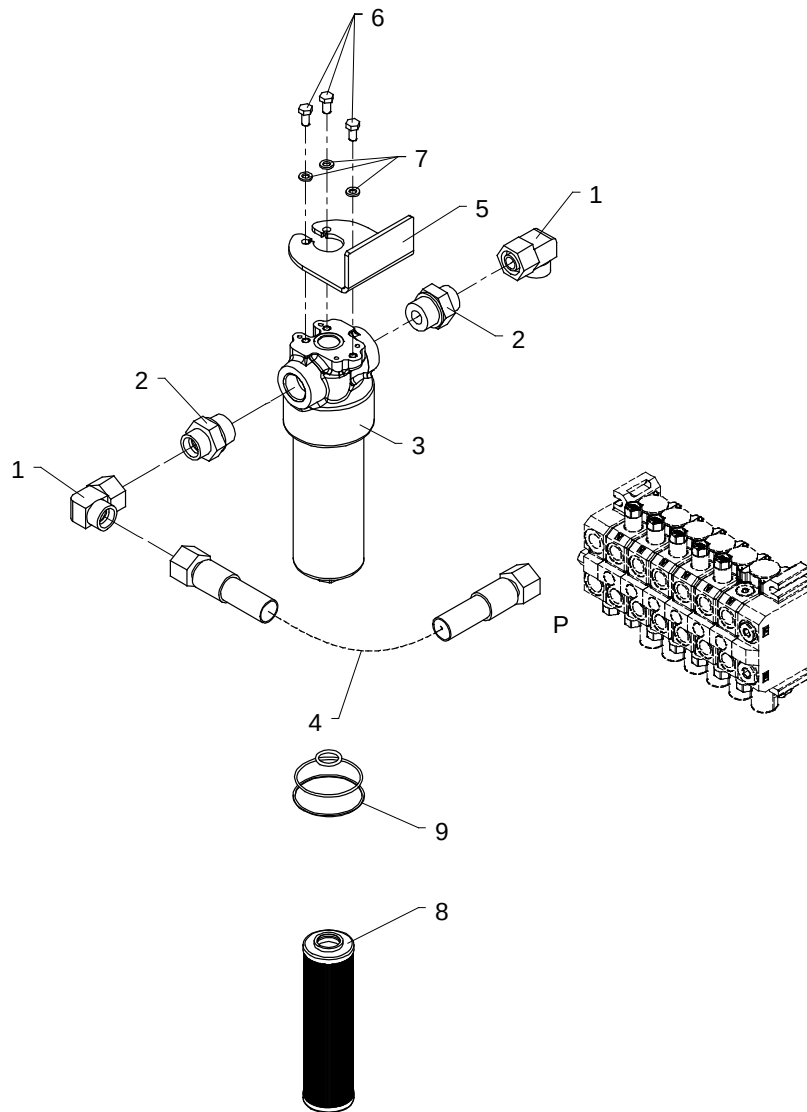
Hydraulic system, SH + SR-60° - 4600, hydr. extension (53305770)



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.
7	3	32478	Screw	M8 x 15

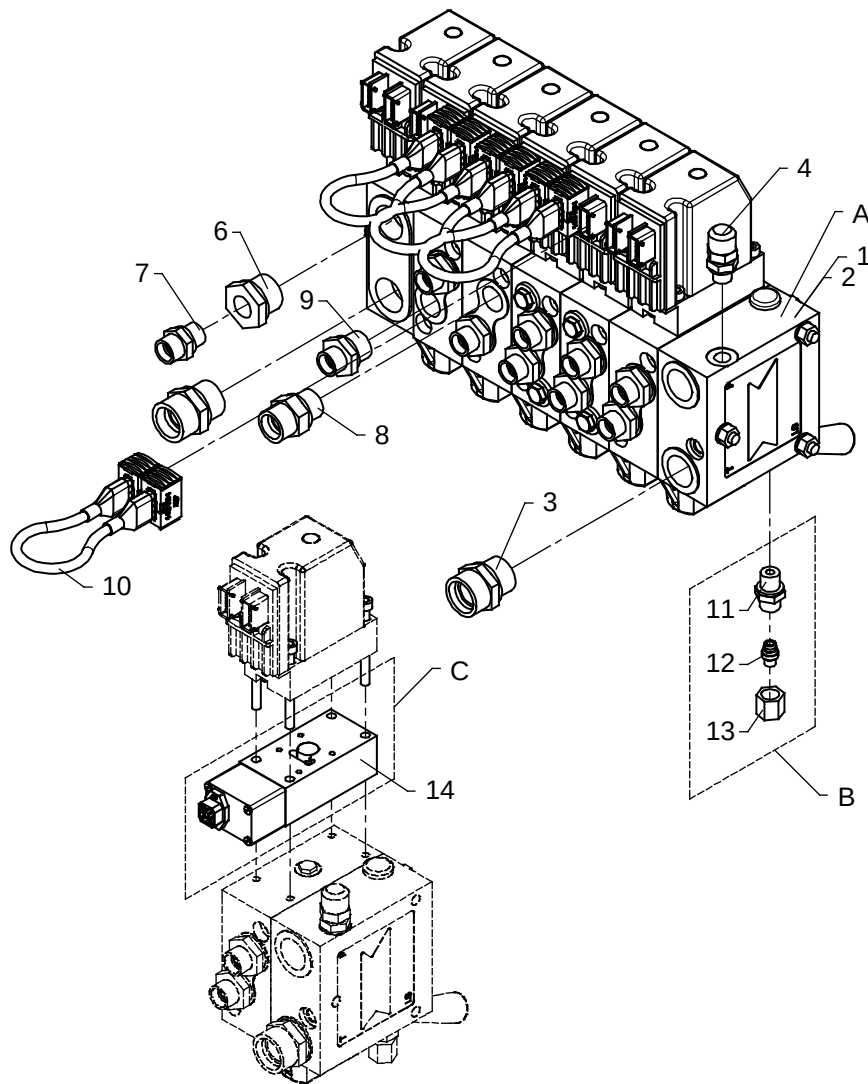
Hydraulic system, SH + SR-60° - 4600, hydr. extension (53305770)				
Pos	Qty.	Part no.	Description	Remarks
8	1	6344097	End plate	
9	1	6344098	Bracket	
10	1	6340799	Pipe, extension cylinder	
11	1	55228	Counter-balance valve	
12	1	6340790	Beam cylinder	
13	2	30586	Countersunk screw	MK12 x 25
14	2	6306241	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)

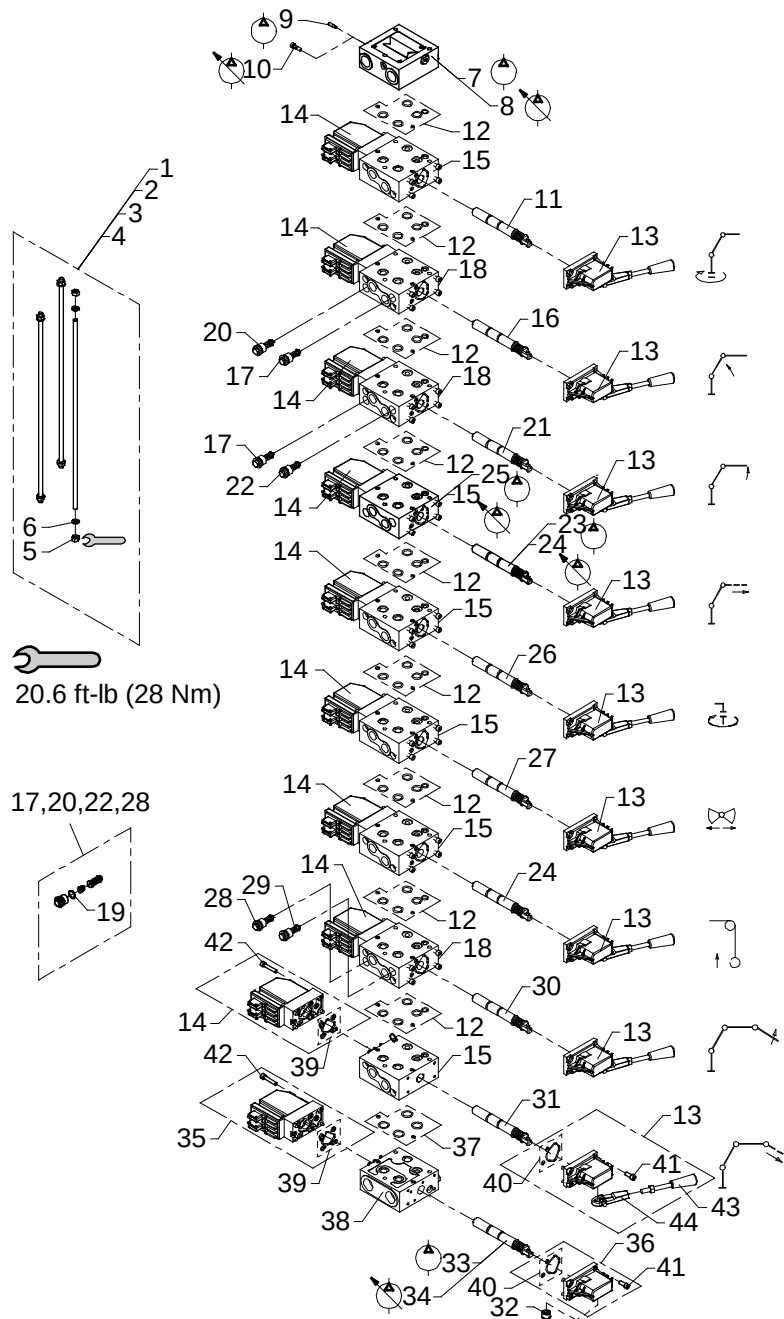


Control valves, Danfoss, 5 sections, fixed/variable flow with rotator (std./QOPS) (53306320)				
Pos	Qty.	Part no.	Description	Remarks
		6650440	Valve block, 5 sect., variable	
		6650450	Valve block, 5 sect., fixed	
		6650580	Valve block, 5 sect.,var. QOPS	
		6650590	Valve block, 5 sect.,fix. QOPS	
1	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

Control valves, Danfoss, 5 sections, fixed/variable flow with rotator (std./QOPS) (53306320)				
Pos	Qty.	Part no.	Description	Remarks
6	1	26319	Reducing connection	RED-R 3/4-WD/R 3/8
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	

Danfoss control valve PVG32, 4-7 sections (53306490)				
Pos	Qty.	Part no.	Description	Remarks
5		30856	Nut, stainless	M8
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	

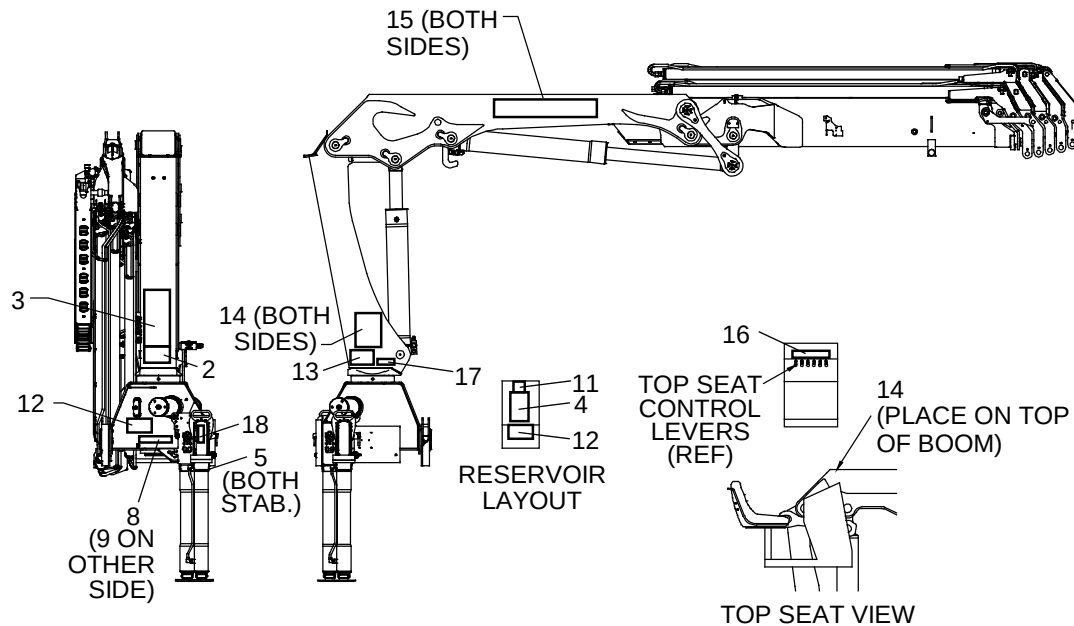
CHAPTER 7

Labels, Mounting Kits, Accessories

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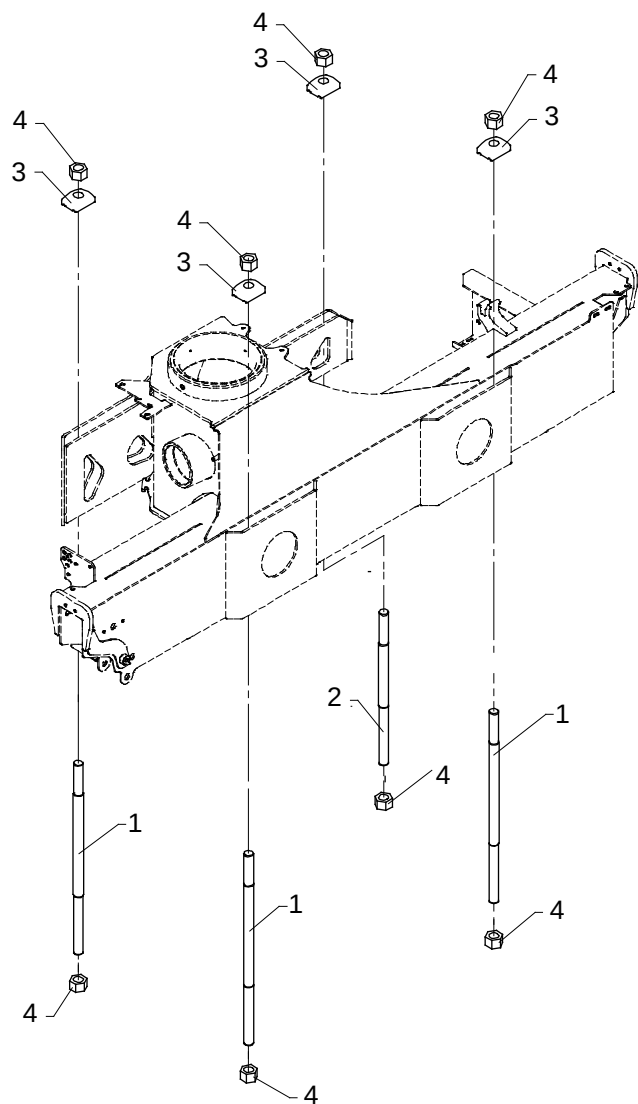
Loader Decal Placement (99904646)



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	

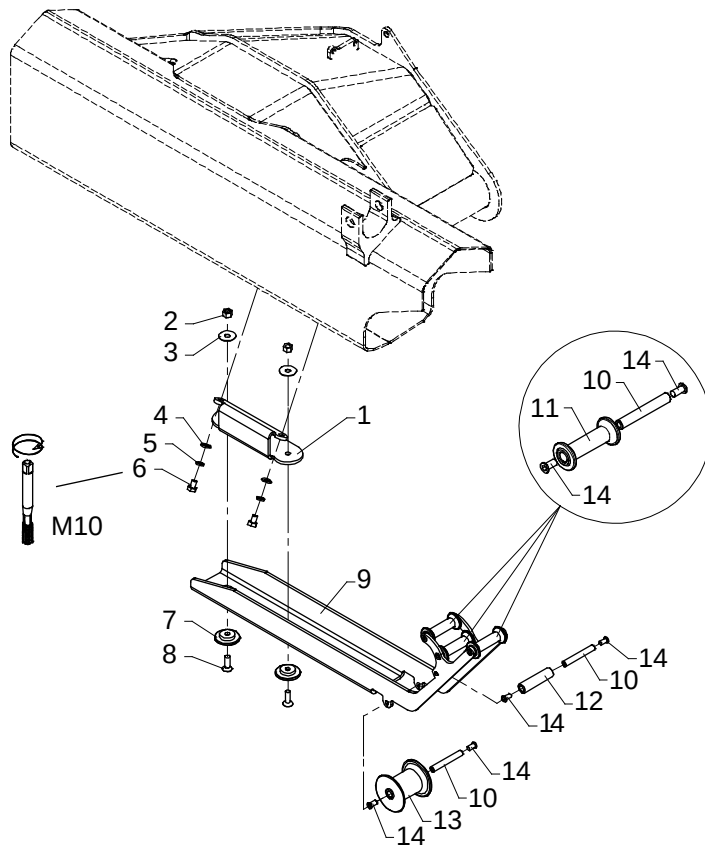
Decal Placement (If not shown on crane)	
ITEM	LOCATION:
6,7	One on all four sides of carrier vehicle
9	On curbside control handles.
10	At or near driveline.

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

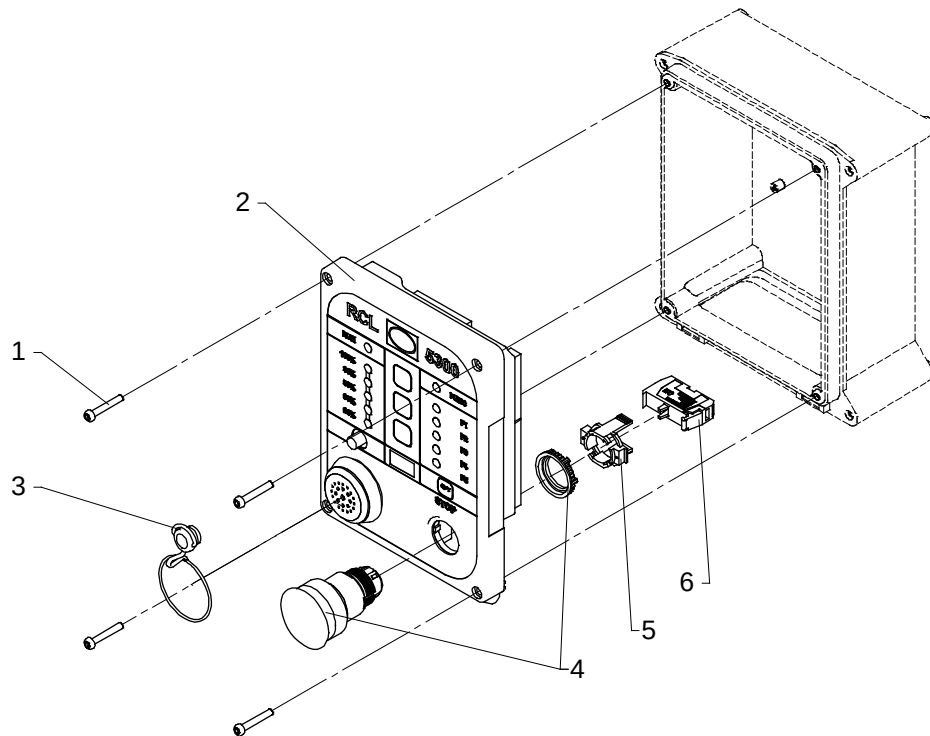
CHAPTER 8

Electrical Parts

In This Chapter

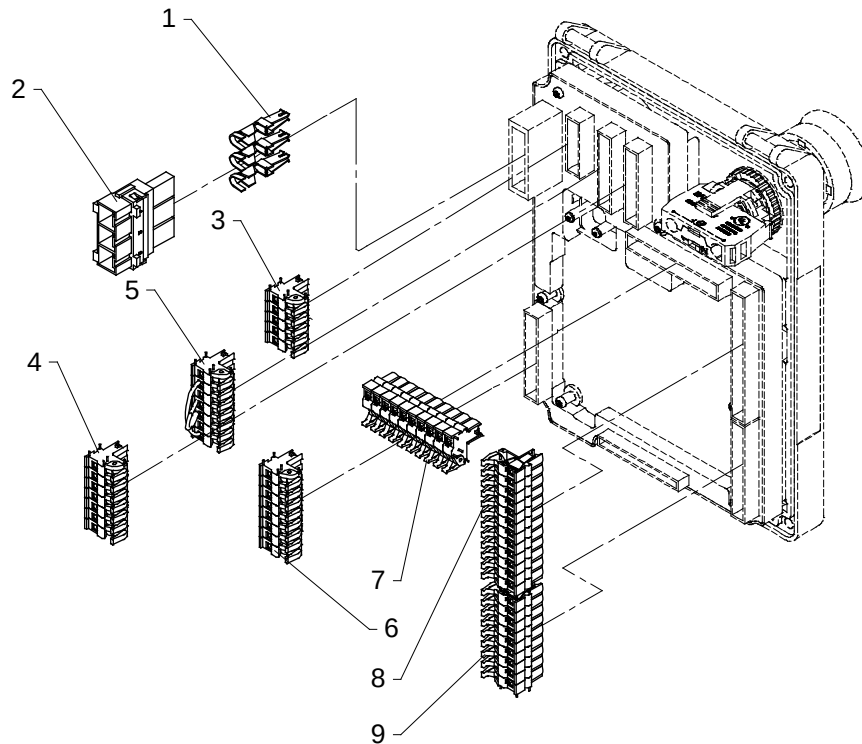
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RCL 5300 (53320010)



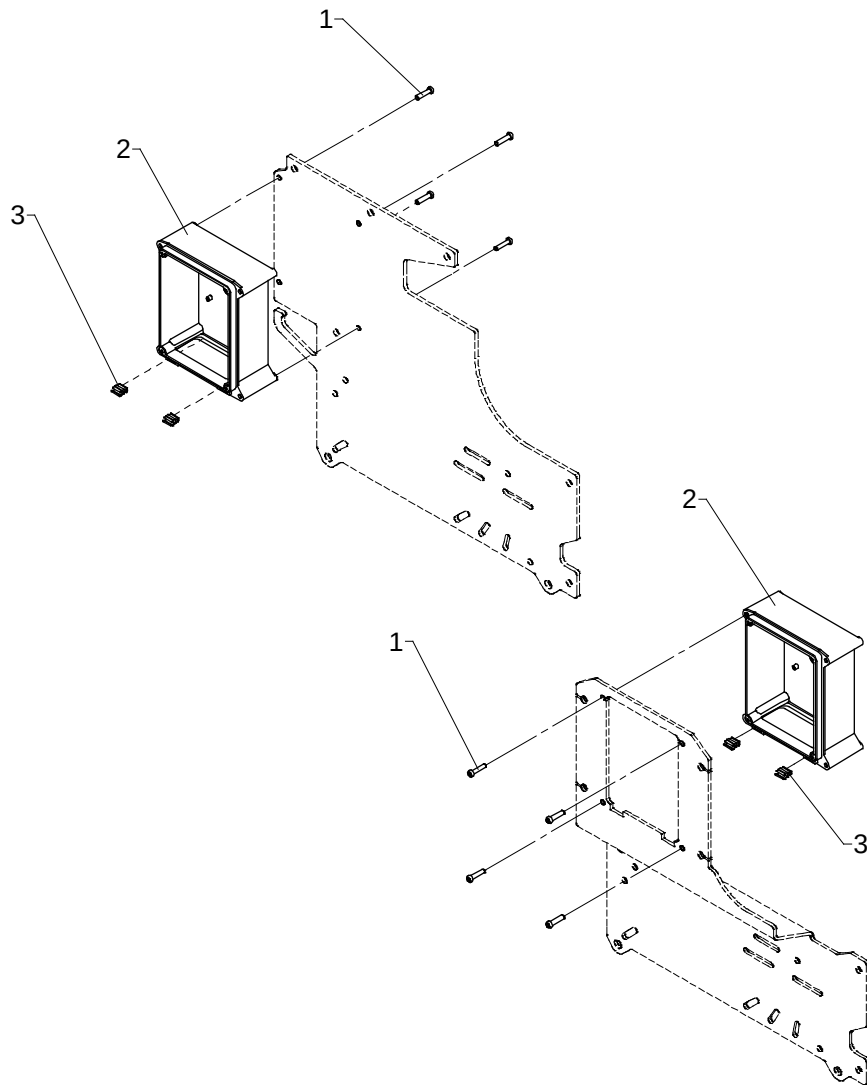
RCL 5300 (53320010)				
Pos	Qty.	Part no.	Description	Remarks
1	4	30347	Screw, stainless	4,0 x 25
2	1	29301	Front complete, RCL 5300	
3	1	29306	Plug	
4	1	29196	Stop button	
5	1	29198	Attachment, stop button	
6	1	29197	Switch element, stop button	

RCL Plugs (53320015)



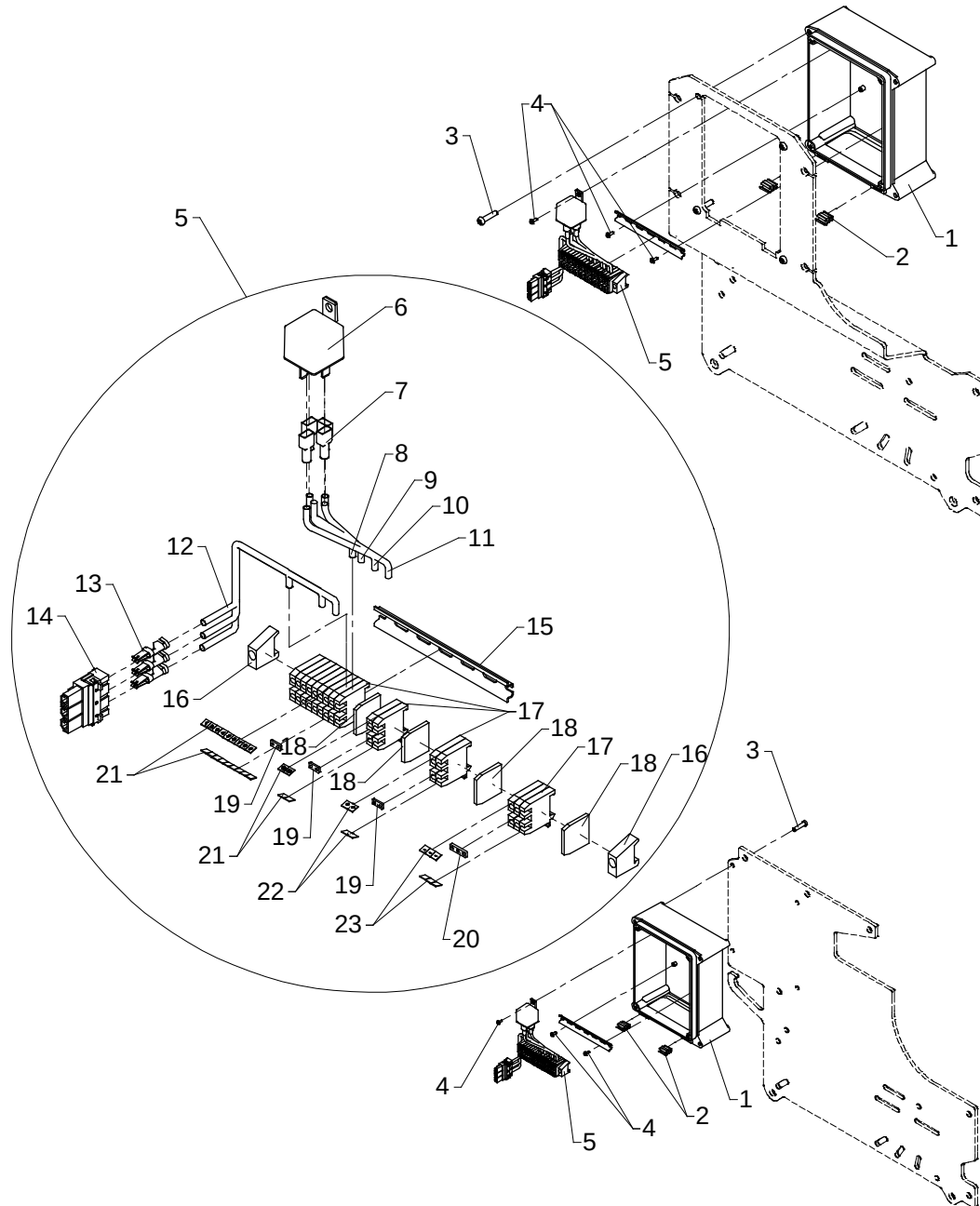
Plugs in RCL (53320015)			
Pos	Qty.	Part no.	Description
1	3	29316	Pin
2	1	29315	Plug, 3-polar for RCL 53XX
3	1	29317	Plug, 5-polar for RCL 53XX
4	1	29318	Plug, 7-polar for RCL 53XX
5	1	29340	CAN termination/RCL53xx
6	1	29319	Plug, 8-polar for RCL 53XX
7	1	29321	Plug, 10-polar for RCL 53XX
8	1	29322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

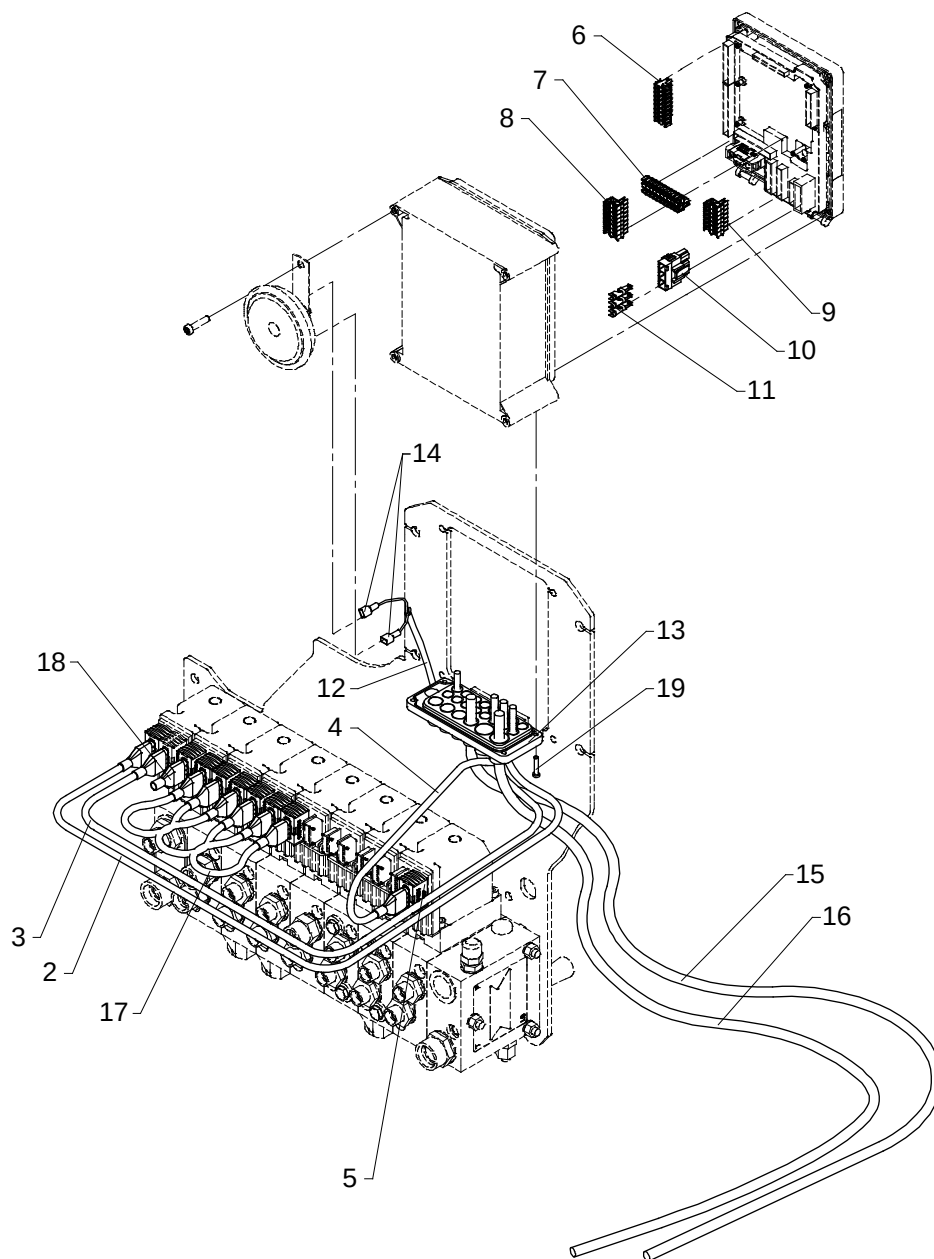


24 V bottom for RCL box with RC (53320050)

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, "-"	

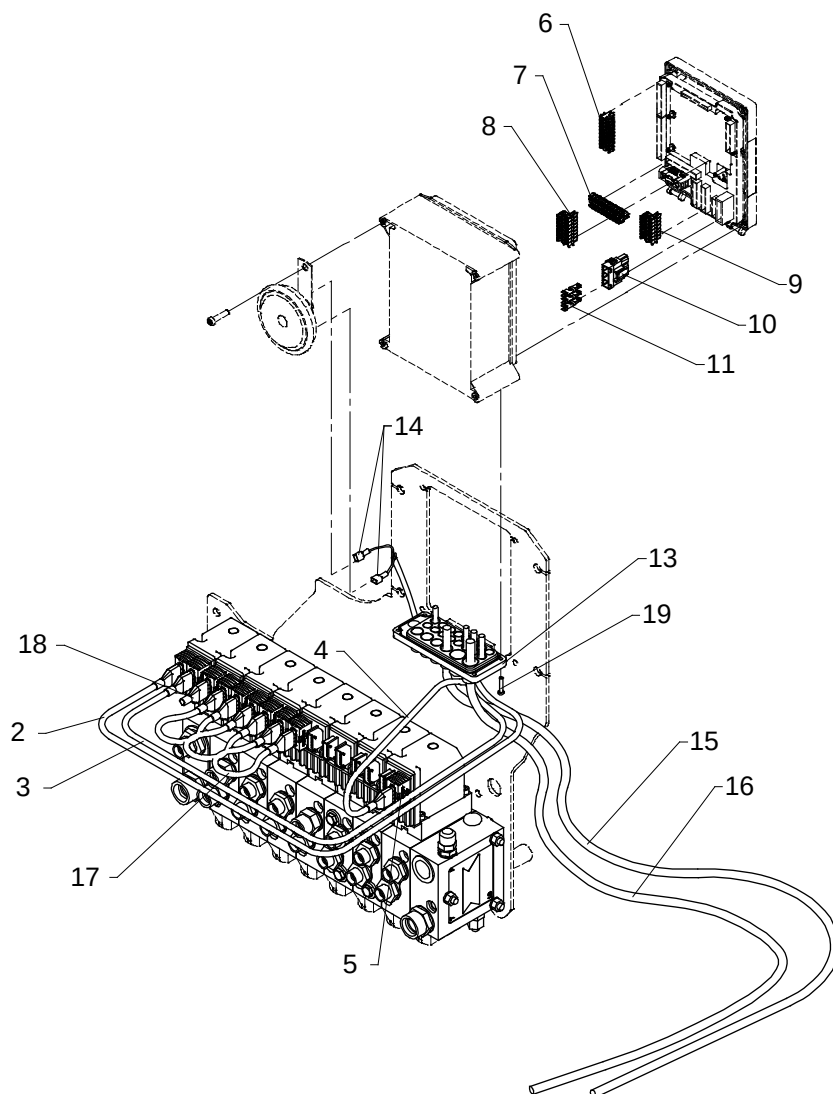
Base, RC (53320115)



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

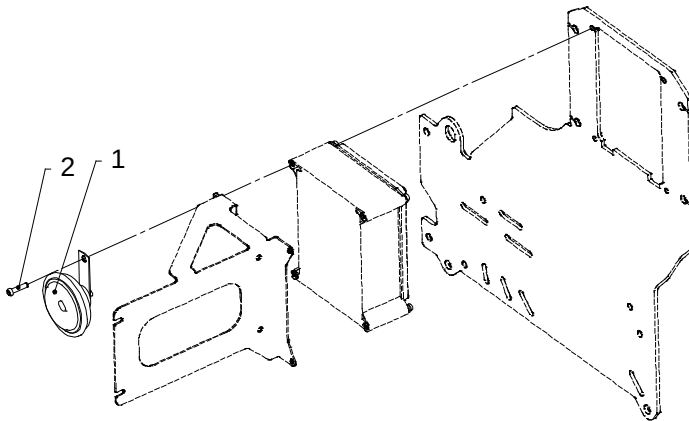
Base, HS-RC (53320130)



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	

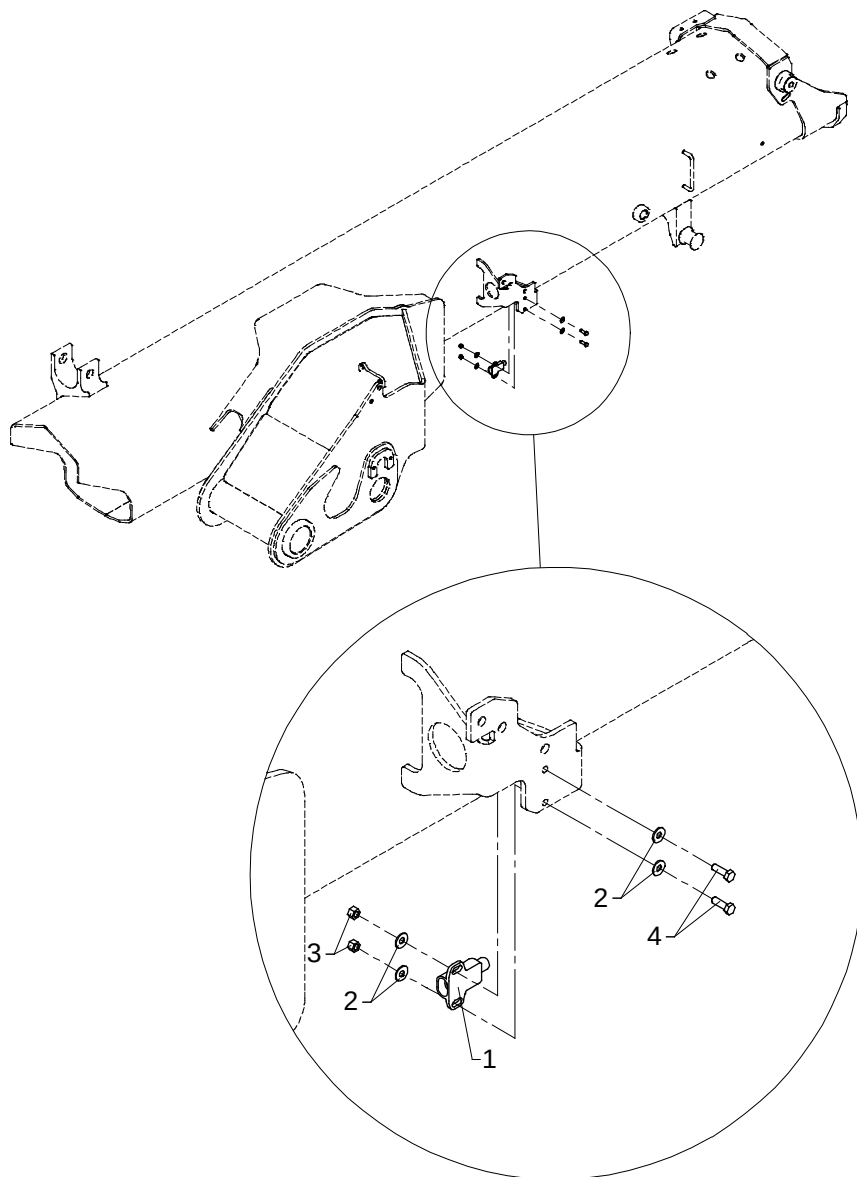
Base, HS-RC (53320130)				
Pos	Qty.	Part no.	Description	Remarks
9	1	29318	Plug, 7-polar for RCL 53XX	
10	1	29315	Plug, 3-polar for RCL 53XX	
11	3	29316	Pin	
12	1	28249	Cable 2 x 0.75	0,5 m
13	1	29307	Cable lead-in	
14	2	27429	Clamp	
15	1	28278	Cable 4 x 2.5	3,5 m
16	1	28232	Cable 7 x 0.75	3,5 m
17	3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

Horn, RC (53320360)



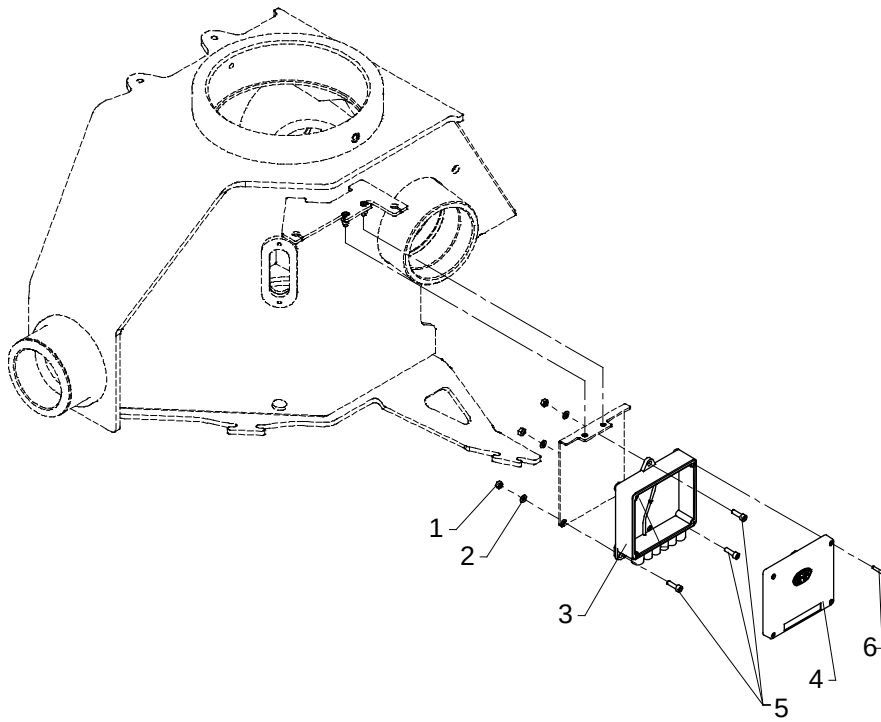
Horn, RC (53320360)				
Pos	Qty.	Part no.	Description	Remarks
1	1	28971	Horn, 24 V, 2.5 Amp.	
2	1	30340	Screw, stainless	6,0 x 25

Horizontal sensor + screws (53320370)



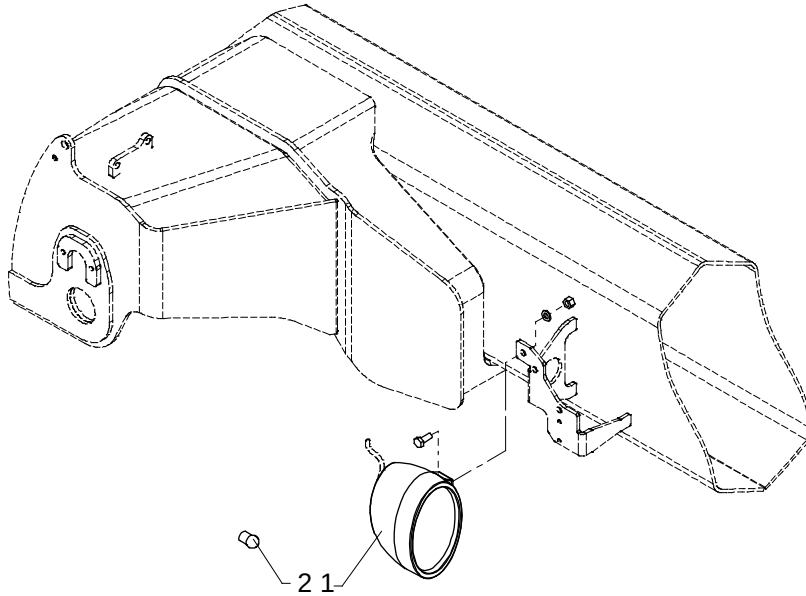
Horizontal sensor + screws (53320370)				
Pos	Qty.	Part no.	Description	Remarks
1	1	29103	Mercury switch	
2	4	32308	Washer	5 mm
3	2	30859	Lock nut, stainless	M5
4	2	30121	Set screw	M5 x 16

Junction box, various electric parts (53320811)



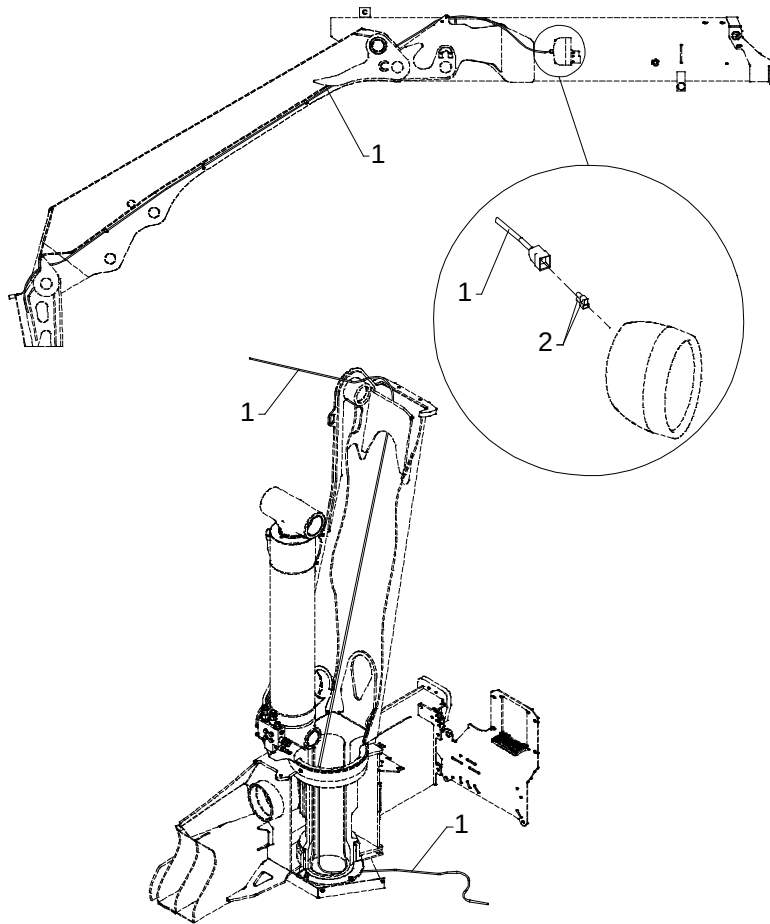
Junction box, various electric parts (53320811)				
Pos	Qty.	Part no.	Description	Remarks
1	3	30854	Nut, stainless	M6
2	3	32302	Face washer, stainless	6 mm
3	1	29313	Bottom f. Fly-Jib box	
4	1	29314	Cover for Fly-Jib box	
5	3	30427	Screw	MC6 x 20
6	4	30347	Screw, stainless	4,0 x 25

Spotlight, jib (53320900)



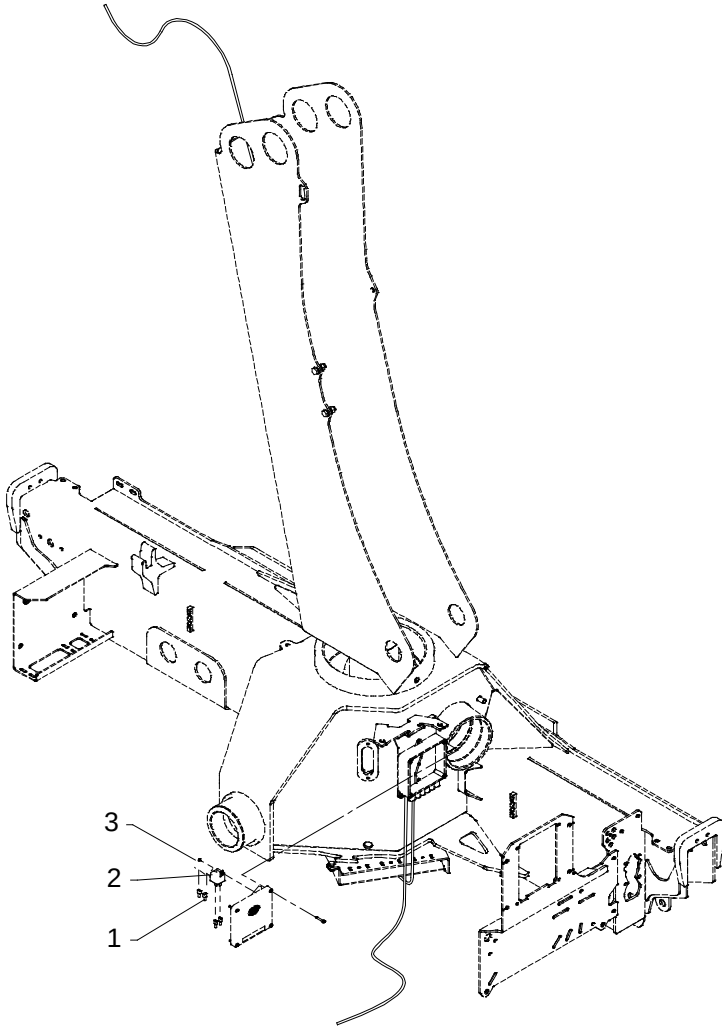
Spotlight, jib (53320900)				
Pos	Qty.	Part no.	Description	Remarks
1	1	28308	Working lamp	
2	1	27828	Bulb 24V, 70W	

Spotlight, jib (cable) (53320905)



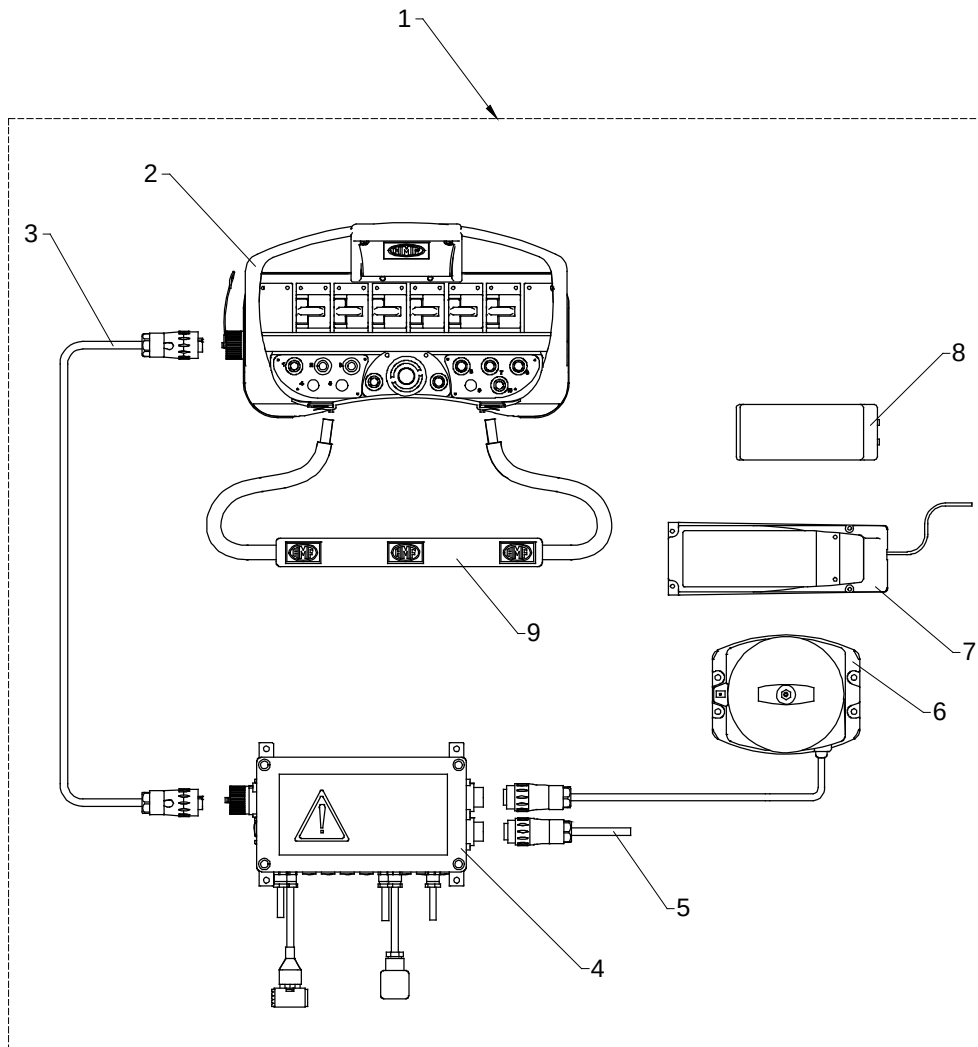
Spotlight, jib (cable) (53320905)				
Pos	Qty.	Part no.	Description	Remarks
1	1	27215	Wire 2 x 1.5	9,0 m
2	2	27429	Clamp	

Spotlight via RC (53320940)



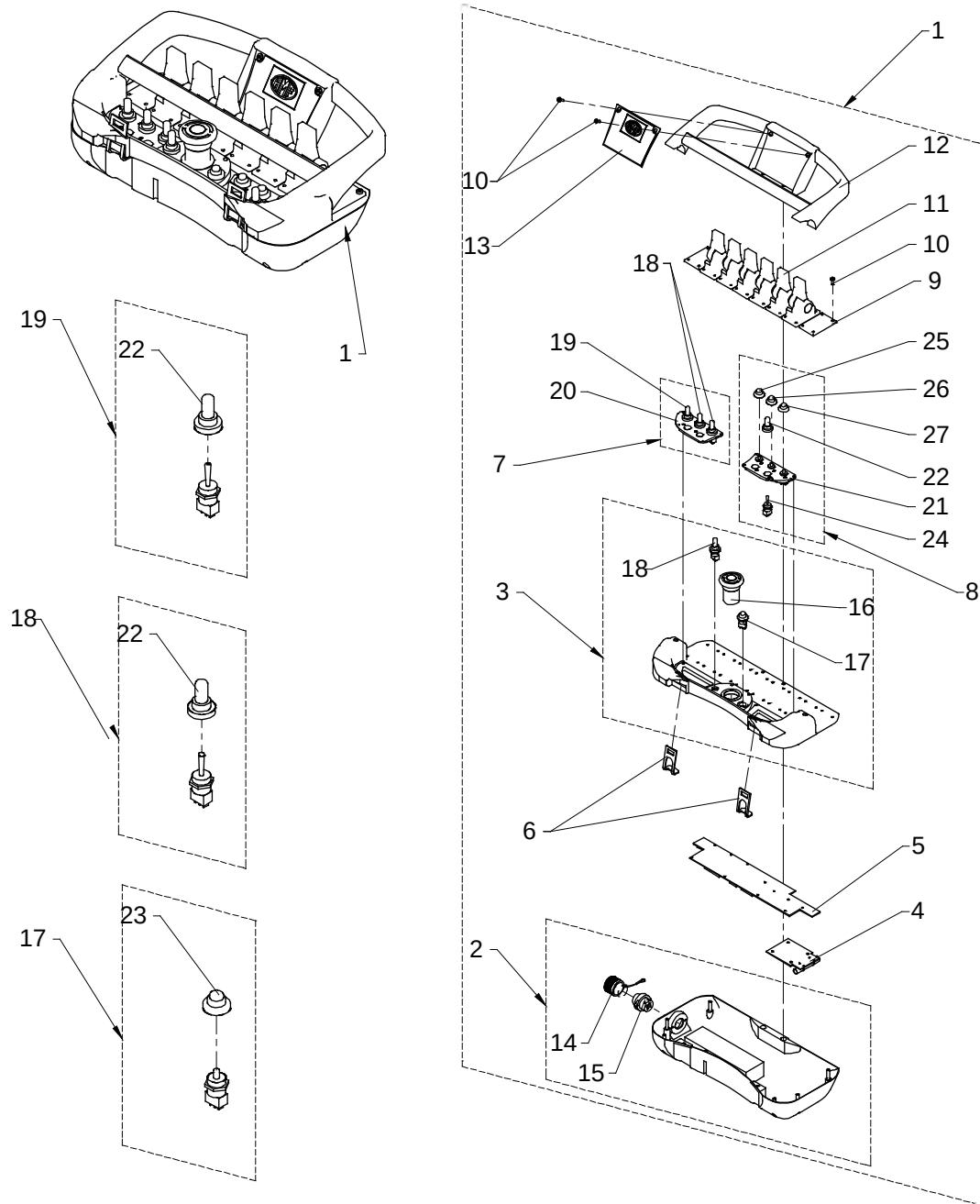
Spotlight via RC (53320940)				
Pos	Qty.	Part no.	Description	Remarks
1	4	27429	Clamp	
2	1	27342	Relay, 24V	
3	1	28693	Screw	Ø2.9 x 6.5

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



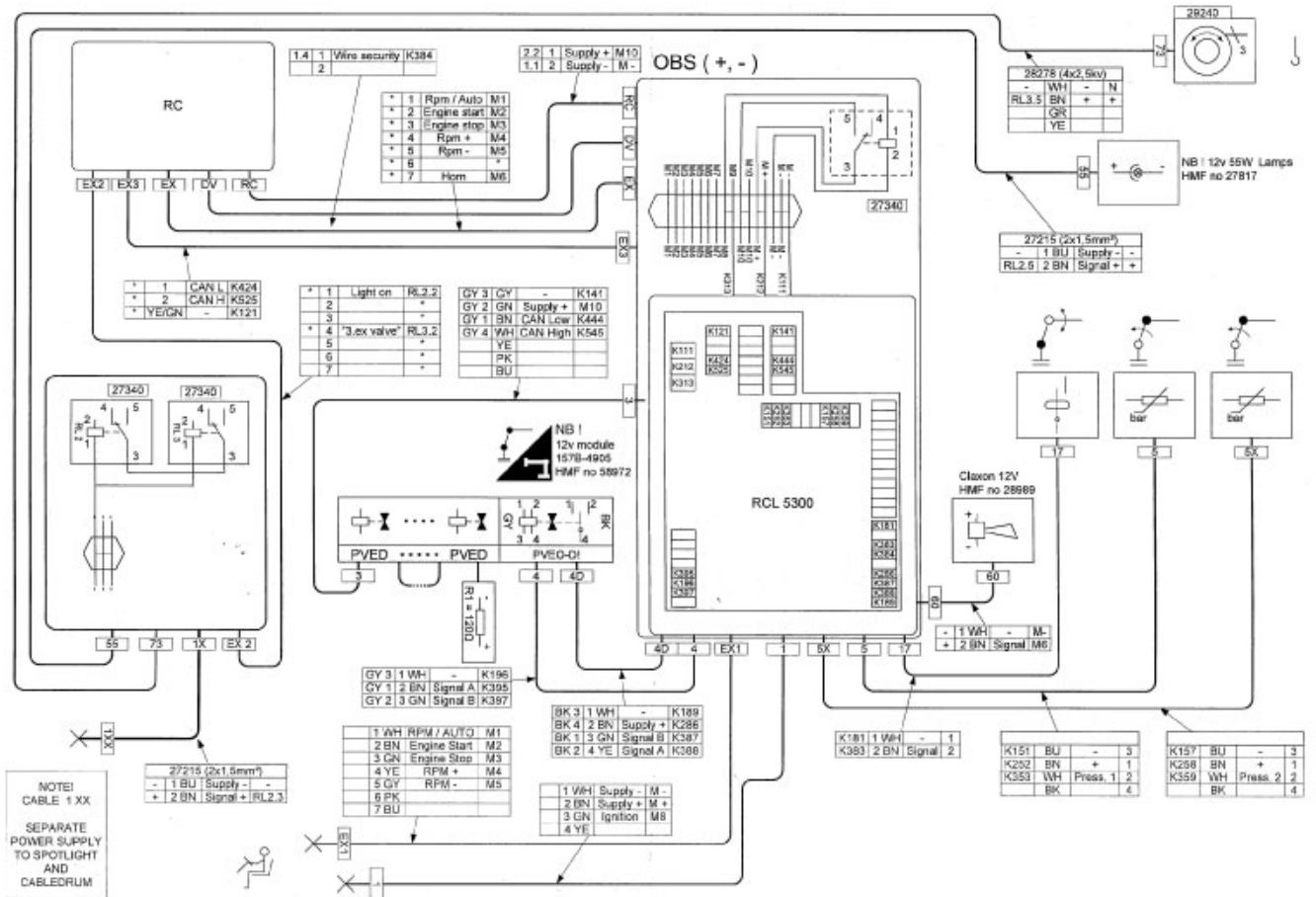
Radio remote control RC 400-CAN, complete (53321010)				
Pos	Qty.	Part no.	Description	Remarks
1	1	57264	Radio remote control, cpl.	
2	1	57284	Remote control box plus display	RC 400-CAN komplet
3	1	58140	Control cable	
4	1	57270	Electronic box, Scanreco	
5	1	58126	Cable	
6	1	57278	Radio receiver	
7	1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

Remote control box, 6 linear functions (53321020)

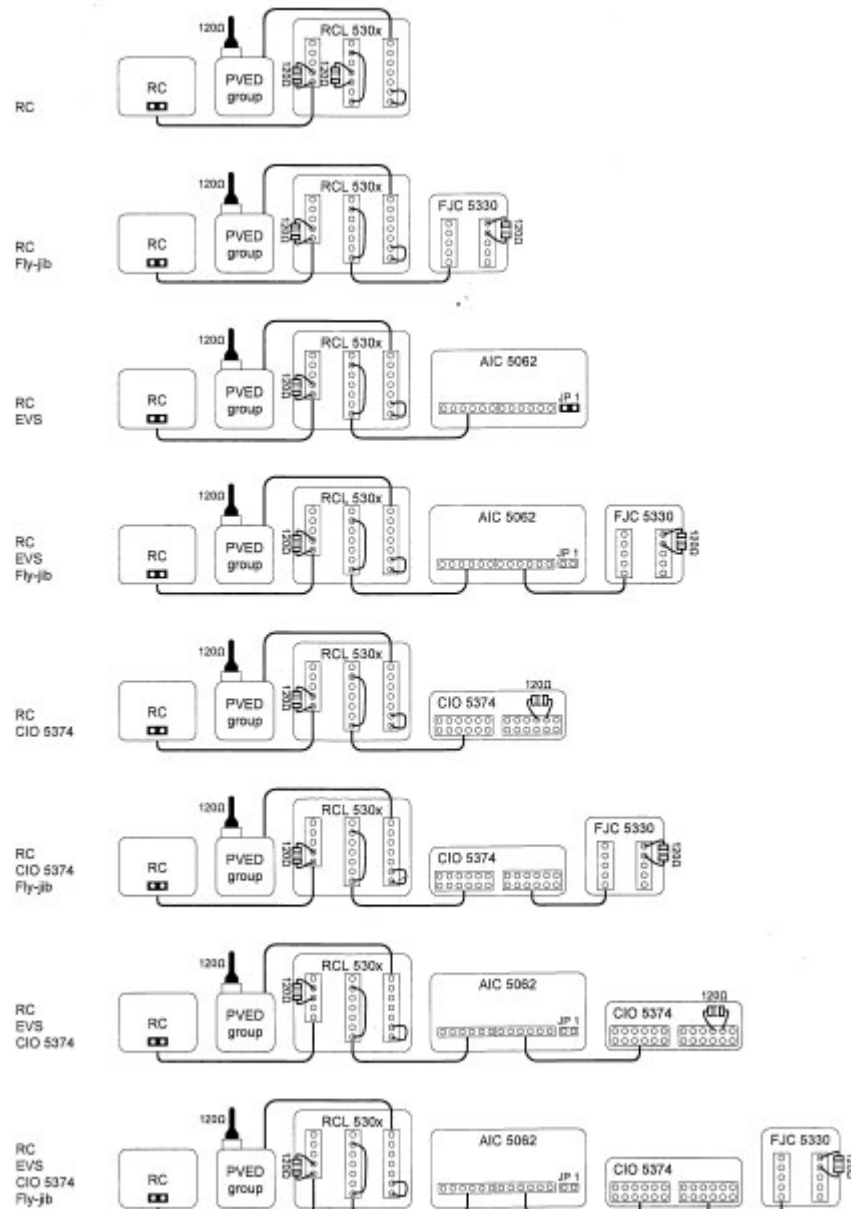


Remote control box, 6 linear functions (53321020)				
Pos	Qty.	Part no.	Description	Remarks
1	1	57284	Remote control box plus display	
2	1	58152	Bottom part	
3	1	58157	Top part	
4	1	57280	Electronic circuit card	
5	1	57213	Printed card	
6	2	57163	Bracket for neck strap	
7	1	58145	Switch panel	
8	1	58191	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, G2 (7020564)



RCL 5300 Crane Termination



RCL 5300 Wiring

