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SPARE PARTS CATALOG FOR ZCC1100H CRAWLER CRANE

April, 2014 Edition: 01

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To Users

We appreciate your choice of our machine for your application. We will try our best to provide you with thoughtful and quality service.

This catalog introduc es the structural and assembling features of spare parts.

Carefully reading and understanding of the material presented in this catalog will save your repair and ordering time.

For your better use of this spare parts catalog, the following symbols are meant to:

SYMBOL	REMARKS
▲	Optional 1
△	Optional 2
▼	Optional 3
▽	Optional 4
●	Optional
H	Used in high-temperature region
L	Used in low-temperature region
A	Exchangeable
B	Displaceable
C	Non-removable
D	Removable
E	The part not directed in the drawing
F	Unsellable part

Declaration

Our products and technical documents are subject to technical improvements and changes without notice.Therefore, please acquaint yourself with our updated technology information.

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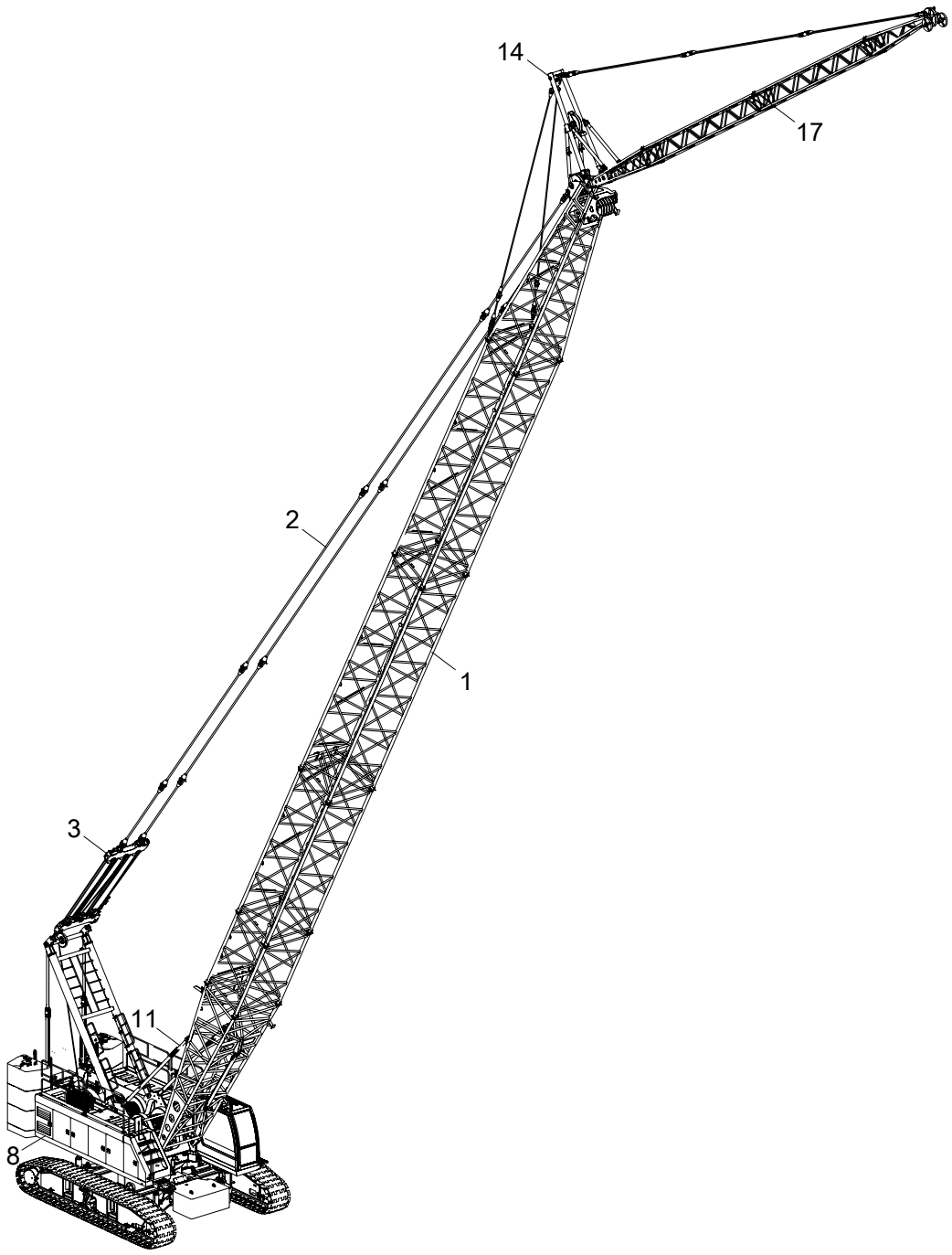
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SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER I COMPLETE MACHINE

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ZCC1100HCL CRAWLER CRANE
D006631100000000000Z



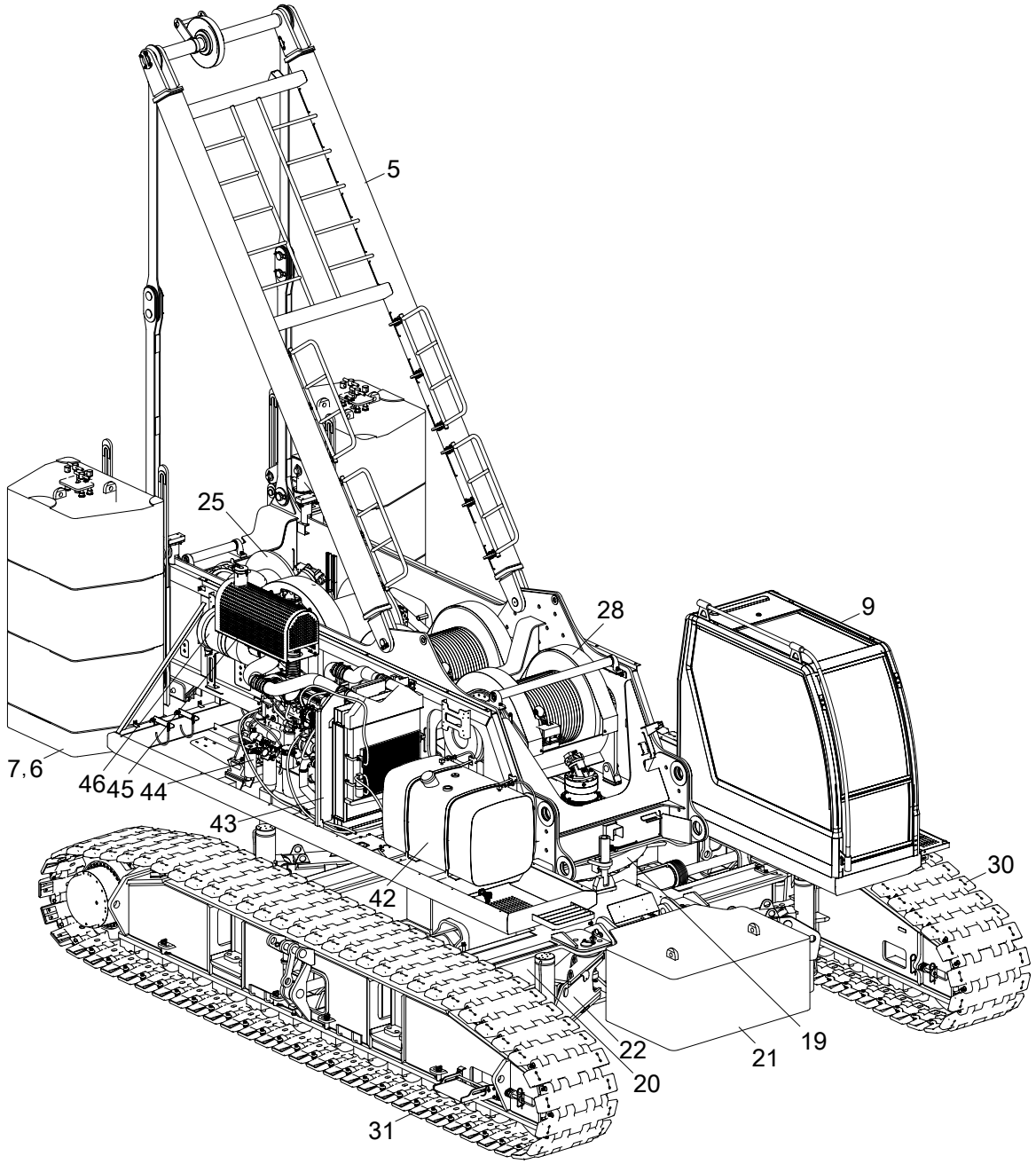
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ZCC1100HCL CRAWLER CRANE
D00663110000000000Z

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110000000000	ZCC1100HCL crawler crane		
1	00663110100000000	•Main boom assy.	1	
2	00663115400000000	•Anchoring rod assy.	1	
3	00663112100000000	•Derricking pulley block	1	
4	00663115600000000	•Load moment limiter assy.	1	
8	00663110510000000	•Boarding assembly	1	
10	00663117000000001	•Installation of English 100 US ton signs	1	
11	00663113100000000	•tilting-back support assy.	1	
12	00663118200000000	•Hoist rope	1	
13	00663114100000000	•100t load hook (110 US ton)	1	
14	00663117800000000	•FA-frame	1	
15	00663114200000000	•Auxiliary hook	1	
16	00663116400000000	•Boom electrics	1	
17	00663110200000000	•Fixed jib	1	
33	00663111500000001	•Hydraulic system diagram	1	
34	00663111600000001	•Pipe layout – superstructure hydraulic syste m	1	
35	00663111700000000	•Pipe layout – undercarriage hydraulic system	1	
36	00663111710000000	•Pipe layout – undercarriage hydraulic system	1	
37	00663116300000001	•Slewing table electrics	1	
38	00663116200000000	•Operator’s cab electrics	1	
39	00663116100000000	•Standard electrical assy.	1	
49	204060043	•Hydraulic oil	1000L	△
50	204060003	•Hydraulic oil	1000L	△
51	204060002	•Hydraulic oil	1000L	▲
52	204060026	•10# aviation hydraulic oil	1000L	△

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ZCC1100HCL CRAWLER CRANE
D006631100000000000Z



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ZCC1100HCL CRAWLER CRANE
D00663110000000000Z

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110000000000	ZCC1100HCL crawler crane		
5	00663111800000000	•A-frame assy.	1	
6	00663110600000000	•Rear counterweight	1	
7	00663114900000000	•Counterweight assembly	1	
9	00663110700000000	•Operator's cab assembly	1	
18	00663118403700000	•Counterweight lifting cylinder	2	
19	00663024500000000	•Slewing ring assembly	1	
20	00663112800000000	•Undercarriage central section assy.	1	
21	00663119500000000	•Central counterweight	1	
22	00663115800000000	•Folding bracket installation	1	
23	00663118400700000	•Support cylinder	4	
24	00663110800000000	•Support plate installation	1	
25	00663112000000000	•Derricking mechanism	1	
26	00663003700000001	•Ratchet wheel mechanism	1	
27	00663307500000001	•Ratchet wheel cylinder	1	
28	00663113500000000	•Hoist gear	1	
29	00663113000000000	•Hydraulic oil tank	1	
30	00663112400000000	•Left crawler carrier assy.	1	
31	00663112500000000	•Right crawler carrier assy.	1	
32	00663110400000000	•Slewing table attachments welded	1	
40	00663117600000000	•Air conditioning	1	
41	00663114400000000	•Slewing mechanism	1	
42	00663111100000000	•Fuel supply system	1	
43	00663111300000000	•Cooling system	1	
44	00663111000000000	•Engine assembly	1	
45	00663111200000000	•Exhaust system	1	
46	00663111400000000	•Air intake system	1	
47	00663113900000000	•Oil pump drive device	1	
48	00663118401600000	•Crawler carrier extending & retracting cylin der	2	

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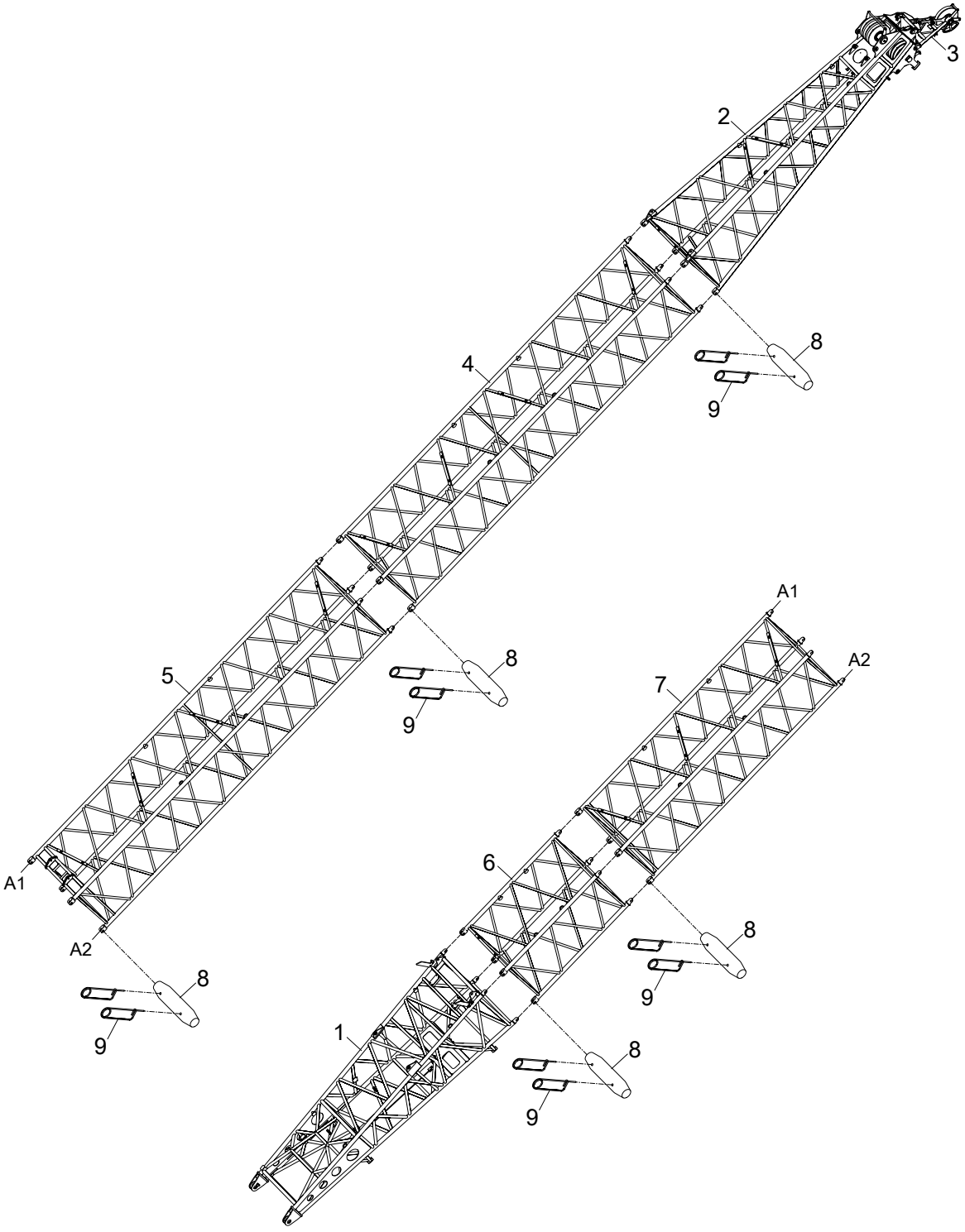
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CHAPTER 2 BOOM SYSTEM

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MAIN BOOM ASSY.
D00663110100000000Y



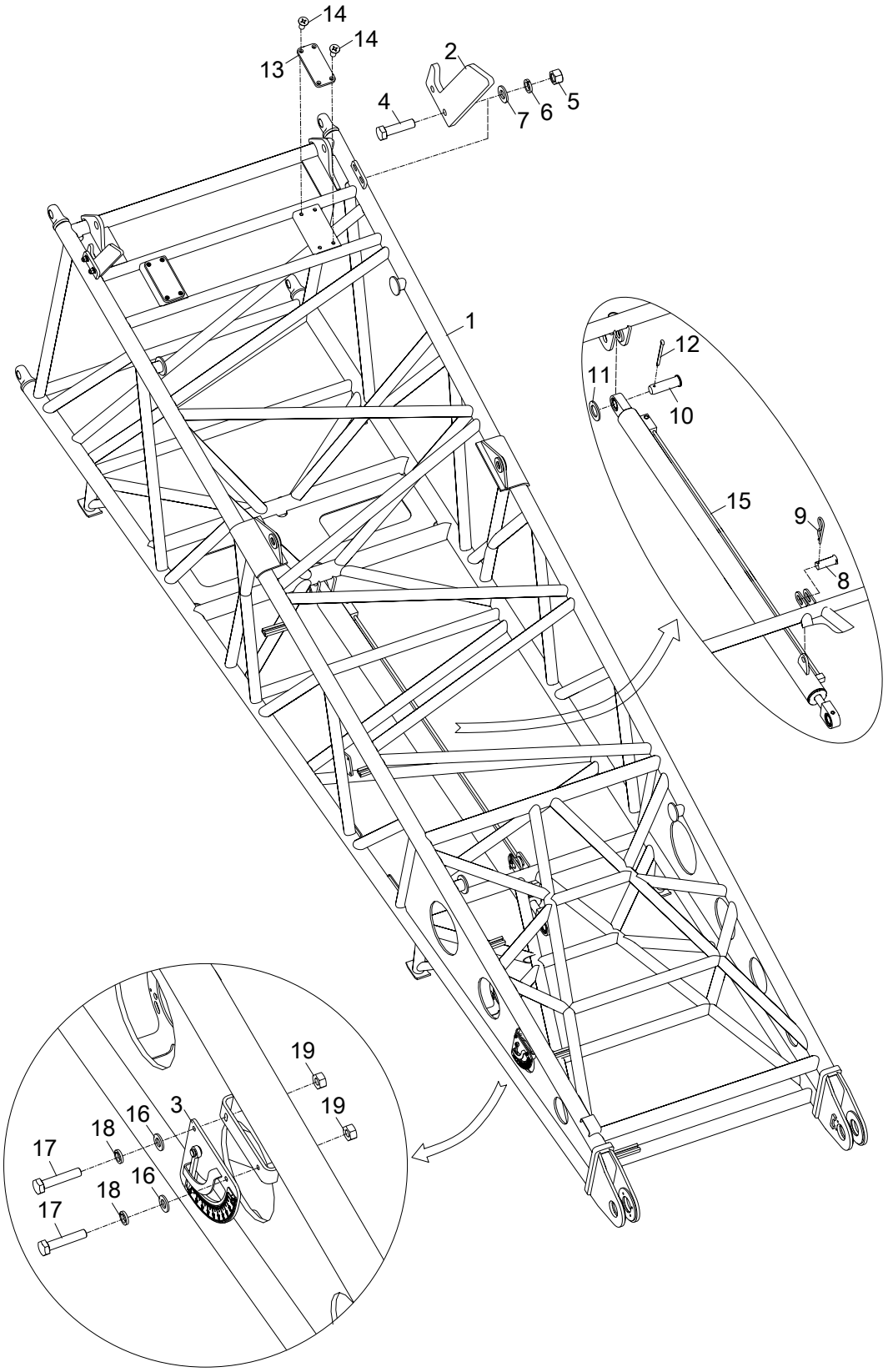
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MAIN BOOM ASSY.
D00663110100000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100000000	Main boom assy.		
1	00663110100400000	•Main boom pivot section assy.	1	
2	00663110100200000	•Main boom head assy.	1	
3	00663110101400000	•Tip boom assy.	1	
4	00663110101200000	•9m main boom intermediate section assy.	4	
5	00663110100600000	•9m main boom intermediate section A assy.	1	
6	00663110100800000	•3m main boom intermediate section assy.	1	
7	00663110101000000	•6m main boom intermediate section assy.	1	
8	00663000100001031	•Pin spindle	32	
9	00663065400201010	•Retaining pin	64	

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MAIN BOOM PIVOT SECTION ASSY.
D00663110100400000Y



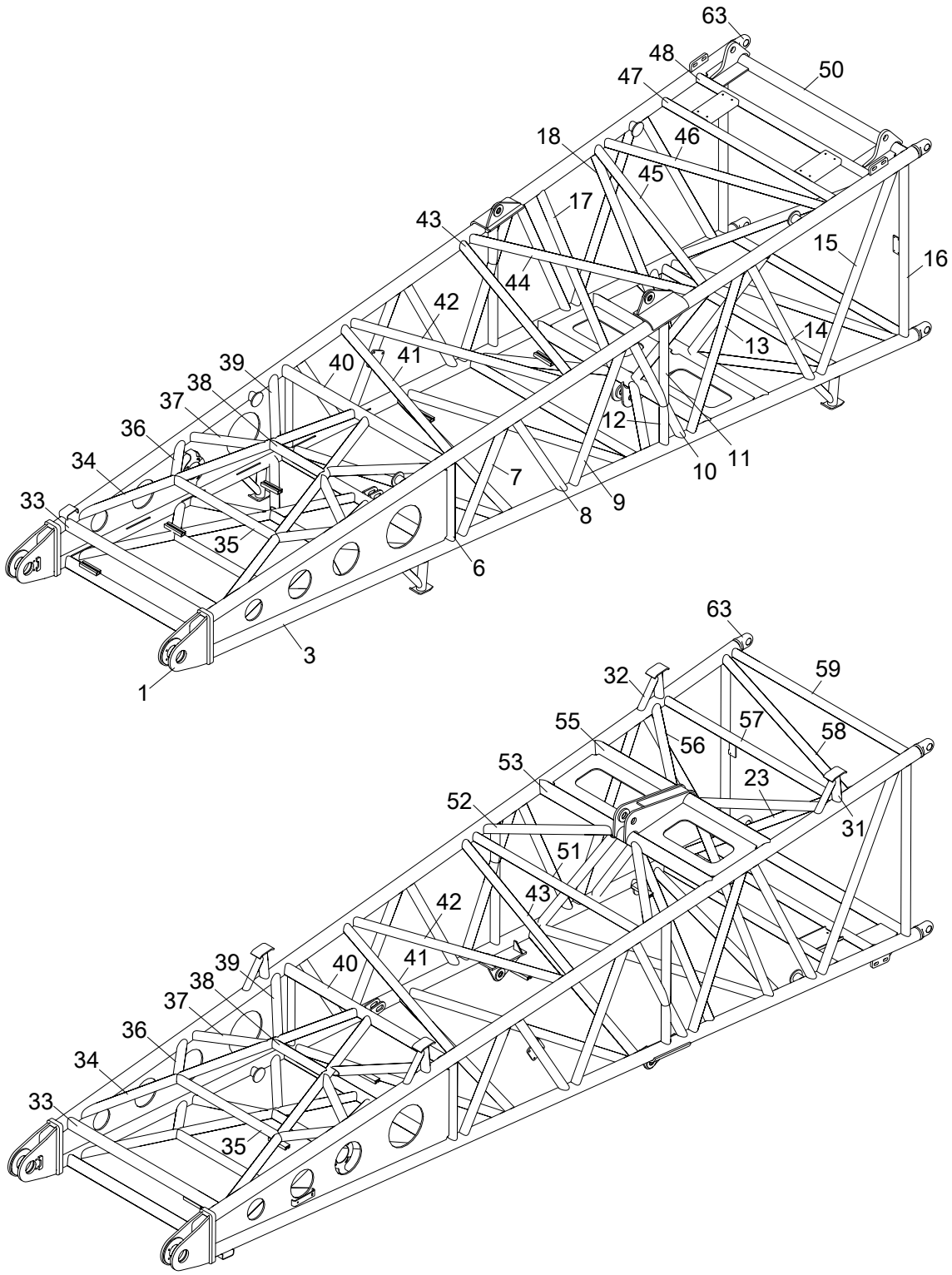
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MAIN BOOM PIVOT SECTION ASSY.
D00663110100400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100400000	Main boom pivot section assy.		
1	00663110100410000	•Main boom pivot section welded	1	
2	00663110100401010	•Guide board	2	
3	00660300101600000	•Angle indicator	1	
4	1040000095	•Bolt	4	
5	1040200110	•Nut	4	
6	1040300065	•Washer	4	
7	1040300052	•Washer	4	
8	1040500358	•Pin spindle	1	
9	006340000029	•Spring-loaded pin	1	
10	00663110100401030	•Pin spindle	1	
11	00660510100001020	•Round retaining plate	1	
12	1040500173	•Pin	1	
13	00663110100401020	•Nylon plate	2	
14	1040100485	•Screw	8	
15	00663118401800000	•Mounting cylinder	1	
16	1040300066	•Washer	2	
17	1040000077	•Bolt	2	
18	1040300063	•Washer	2	
19	1040200192	•Nut	2	

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MAIN BOOM PIVOT SECTION WELDED
D00663110100410000Y



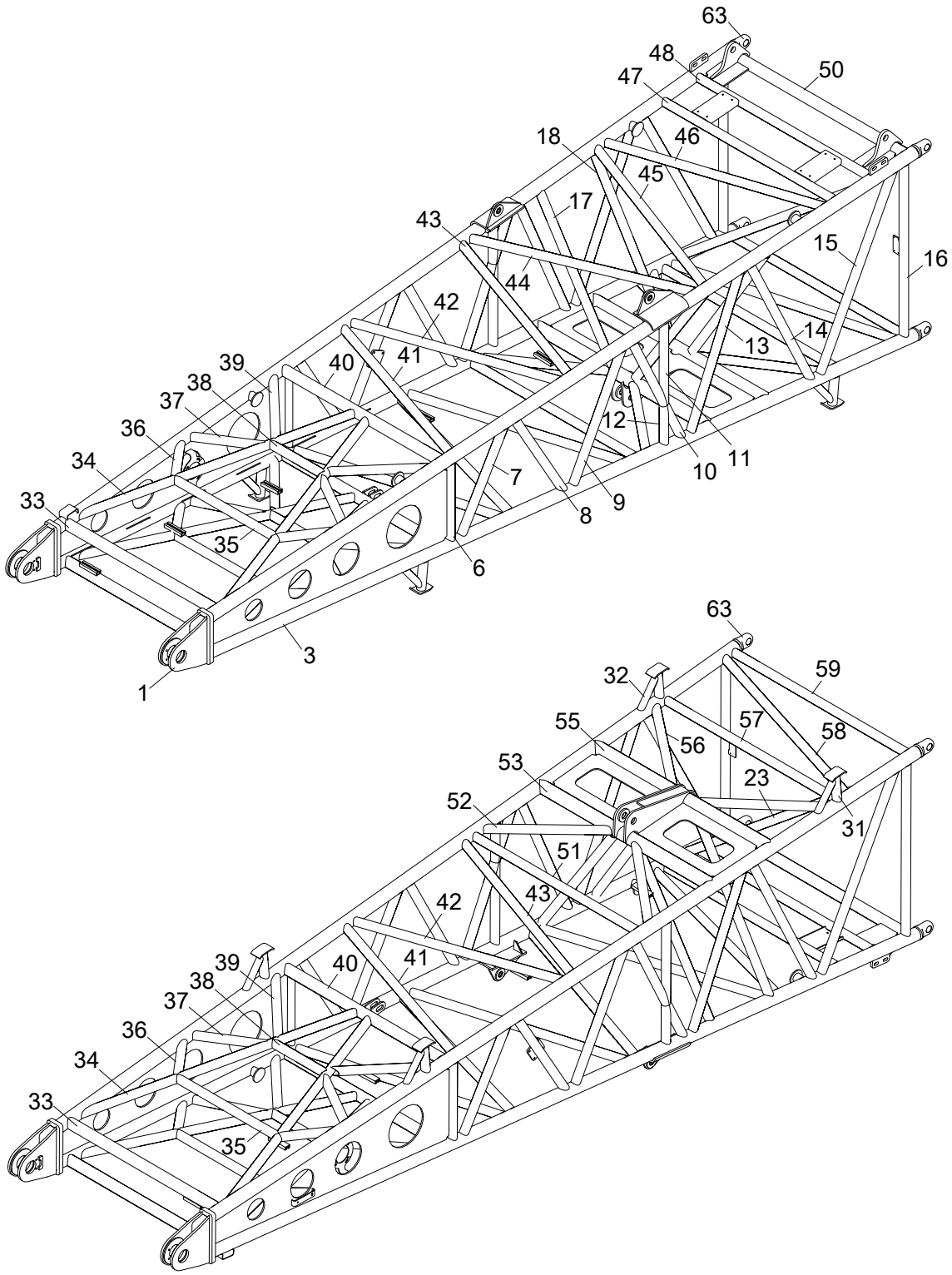
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MAIN BOOM PIVOT SECTION WELDED
D00663110100410000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100410000	Main boom pivot section welded		
1	00663020100210000	•Fork joint	2	
3	00663020100201020	•Chord	4	
6	00663110100411060	•Web member	2	
7	00663110100411070	•Web member	2	
8	00663110100411080	•Web member	2	
9	00663110100411090	•Web member	2	
10	00663110100411100	•Web member	2	
11	00663110100411110	•Pipe	2	
12	00663110100411120	•Pipe	2	
13	00663110100411130	•Web member	2	
14	00663110100411140	•Web member	2	
15	00663110100411150	•Web member	2	
16	00663110100411160	•Web member	2	
17	00663110100411170	•Diagonal pipe	2	
18	00663110100411180	•Diagonal pipe	2	
23	00663110100411230	•Diagonal link	1	
31	00663110100411310	•Pipe	4	
32	00663110100411320	•Pipe	4	
33	00663110100411330	•Straight pipe	2	
34	00663110100411340	•Pipe	4	
35	00663110100411350	•Pipe	2	
36	00663110100411360	•Pipe	4	
37	00663110100411370	•Pipe	4	
38	00663110100411380	•Pipe	2	
39	00663110100411390	•Pipe	4	
40	00663110100411400	•Straight pipe	2	
41	00663110100411410	•Web member	2	
42	00663110100411420	•Web member	2	
43	00663110100411430	•Web member	2	
44	00663110100411440	•Web member	1	
45	00663110100411450	•Web member	1	
46	00663110100411460	•Web member	1	
47	00663110100411470	•Web member	1	
48	00663110100411480	•Web member	1	

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MAIN BOOM PIVOT SECTION WELDED
D00663110100410000Y



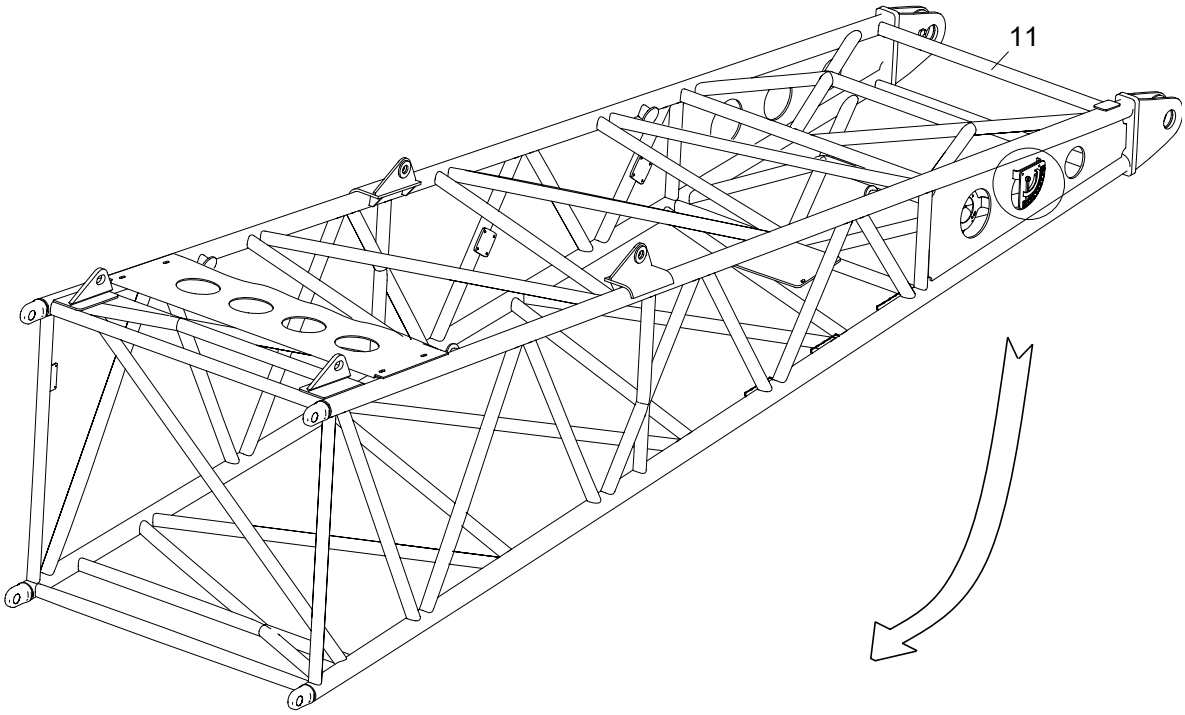
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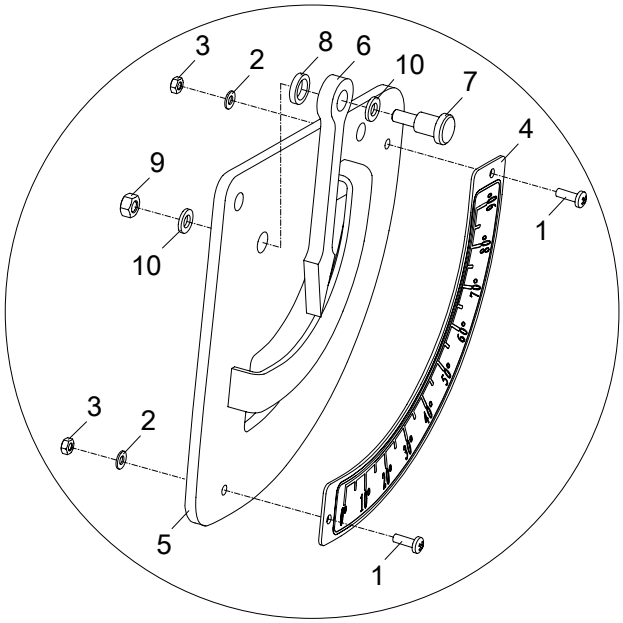
MAIN BOOM PIVOT SECTION WELDED D00663110100410000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
50	00663110100411500	•Straight pipe	1	
51	00663110100411510	•Web member	1	
52	00663110100411520	•Web member	2	
53	00663110100411530	•Straight pipe	1	
55	00663110100411550	•Straight pipe	1	
56	00663110100411560	•Web member	2	
57	00663110100411570	•Web member	1	
58	00663110100411580	•Web member	1	
59	00663110100411590	•Web member	1	
63	00663000100201212	•Single hinge lug	4	

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ANGLE INDICATOR
D00660300101600000Y





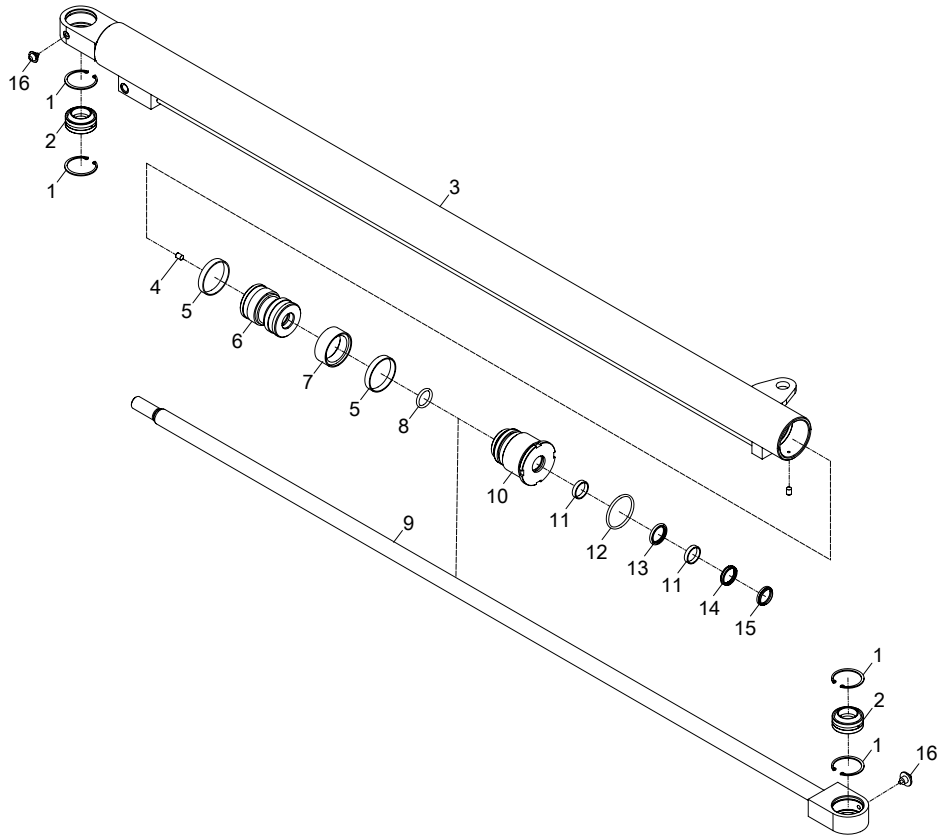
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ANGLE INDICATOR
D00660300101600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00660300101600000	Angle indicator		
1	1040100063	•Screw	2	
2	1040300045	•Washer	2	
3	1040200100	•Nut	2	
4	00660300101601010	•Angle indicator	1	
5	00660300101610000	•Baseboard	1	
6	00663101801001020	•Pointer	1	
7	00663300102201030	•Fixing bolt	1	
8	00663300102201020	•Washer	1	
9	1040200111	•Nut	1	
10	1040300051	•Washer	2	
11		Fixed jib pivot section	1	

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MOUNTING CYLINDER
D00663118401800000_6400Y



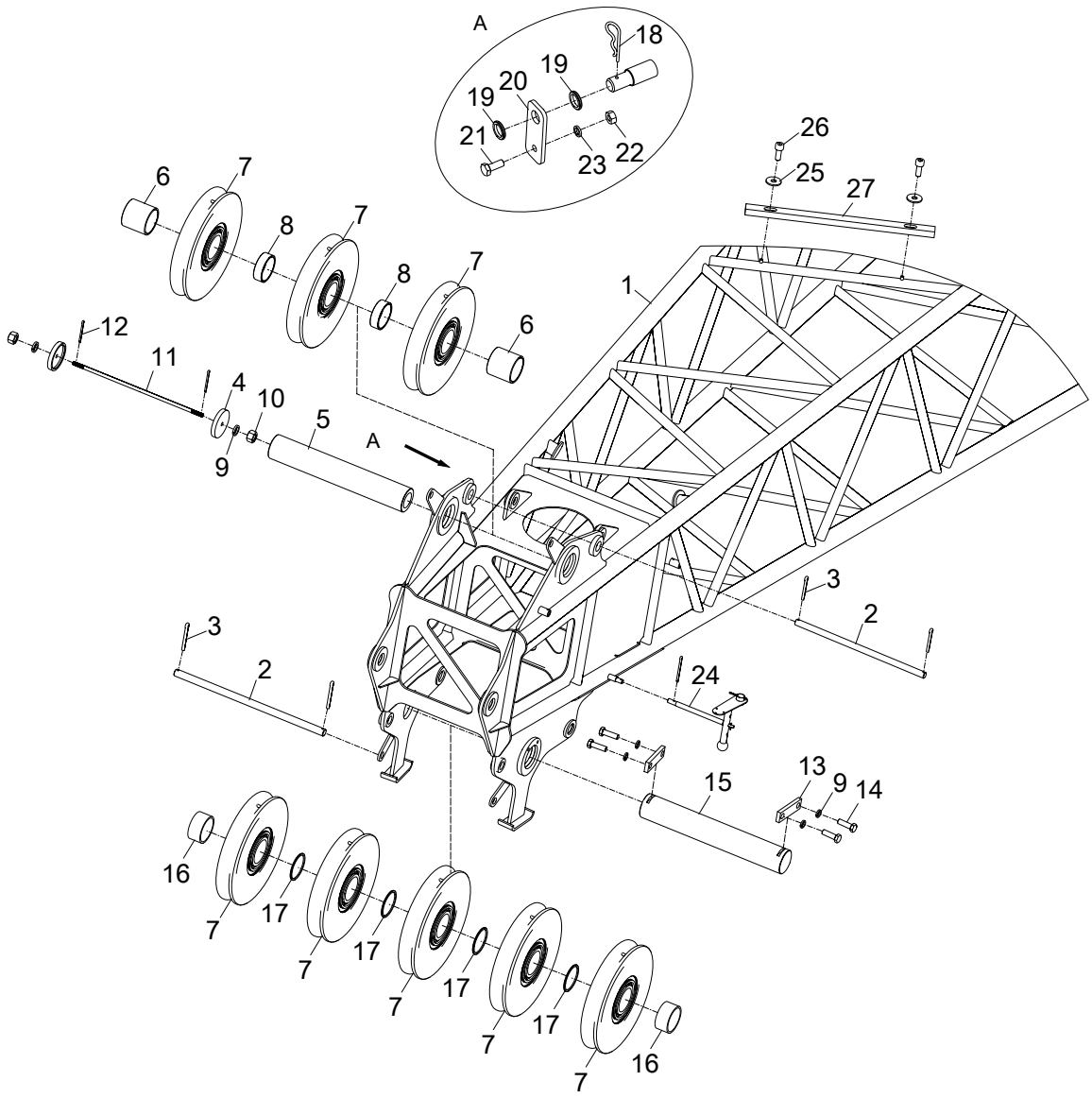
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MOUNTING CYLINDER
D00663118401800000_6400Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663118401800000	Mounting cylinder		
1	1040301221	•Retaining ring	4	
2	1050000136	•Centripetal knuckle bearing	2	
3	00663118401801000	•Cylinder block	1	
4	1040100366	•Screw	2	
5	1081400857	•Guide ring	2	
6	00663118401800001	•Piston	1	
7	1081002143	•DAS combination seal ring	1	
8	1081003695	•O-ring	1	
9	00663118401802000	•Piston rod	1	
10	00663118401800002	•Guide bush	1	
11	1081400830	•Guide ring	2	
12	1081200465	•O-ring	1	
13	1081002418	•Step Seal	1	
14	1081002302	•U-ring	1	
15	1081200363	•Dust ring	1	
16	1080000270	•Oil cup	2	

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MAIN BOOM HEAD ASSY.
D00663110100200000Y



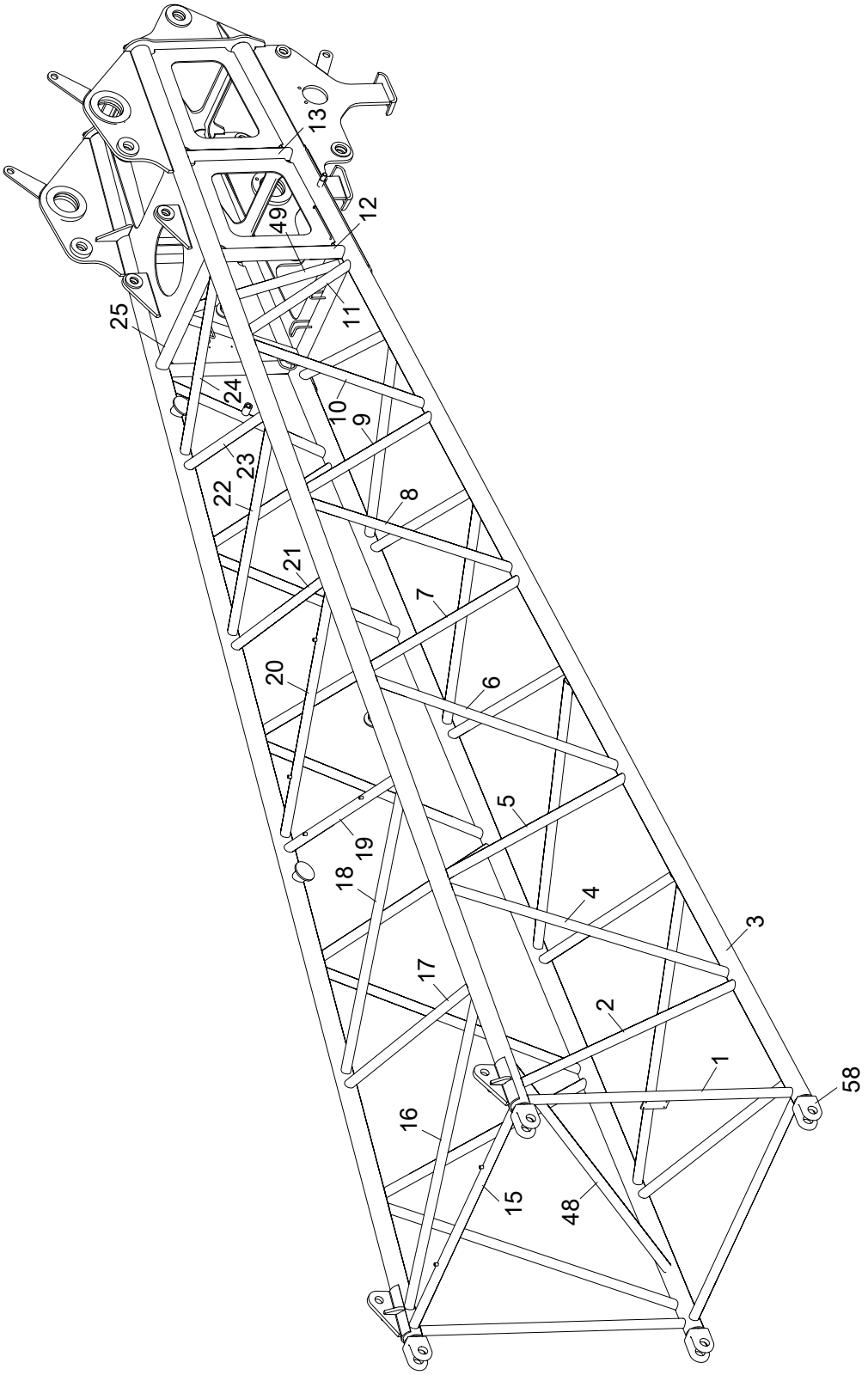
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MAIN BOOM HEAD ASSY.
D00663110100200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100200000	Main boom head assy.		
1	00663110100210000	•Main boom head welded	1	
2	00663020100401010	•Rope guard tube	2	
3	1040500040	•Pin	4	
4	00663020100401020	•Cover	2	
5	00663020100401030	•Pulley spindle	1	
6	00663110100201030	•Spacing sleeve	2	
7	00663110100220000	•Nylon pulley assy.	8	
8	00663110100201010	•Spacing sleeve	2	
9	1040300065	•Washer	6	
10	1040200110	•Nut	2	
11	00663020100401090	•Threaded rod	1	
12	1040500024	•Pin	2	
13	006340000056	•Retaining plate (120)	2	
14	1040000198	•Bolt	4	
15	00663020100401100	•Shaft	1	
16	00663110100201020	•Spacing sleeve	2	
17	00663306601001071	•Spacing sleeve	4	
18	006340000032	•Retaining pin (D16,18,20)	1	
19	00663200102401010	•Pad	2	
20	00663050100401020	•Support	1	
21	1040000114	•Bolt	1	
22	1040200113	•Nut	1	
23	1040300067	•Washer	1	
24	00661716605600000	•Installation of anemometer support	1	
25	1040300094	•Washer	6	
26	1040100069	•Screw	6	
27	00663020100001050	•Nylon plate	3	
28	204110014	•Lithium base grease	1kg	

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MAIN BOOM HEAD WELDED
D00663110100210000Y



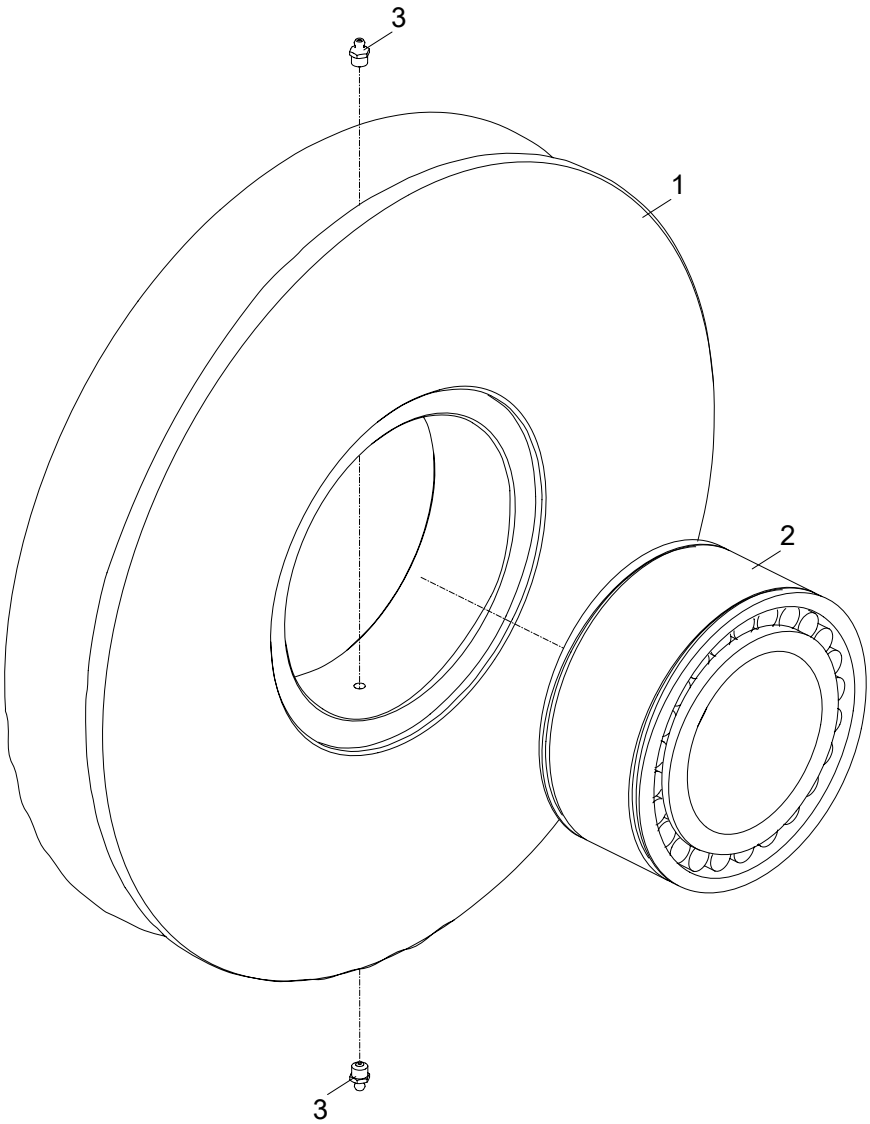
https://truckmanualshub.com/

MAIN BOOM HEAD WELDED
D00663110100210000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100210000	Main boom head welded		
1	00663110100211010	•Web member	2	
2	00663110100211020	•Web member	2	
3	00663110100211030	•Chord	4	
4	00663110100211040	•Web member	2	
5	00663110100211050	•Web member	2	
6	00663110100211060	•Web member	2	
7	00663110100211070	•Web member	2	
8	00663110100211080	•Web member	2	
9	00663110100211090	•Web member	2	
10	00663110100211100	•Web member	2	
11	00663110100211110	•Web member	2	
12	00663110100211120	•Straight rod	2	
13	00663110100211130	•Straight rod	2	
15	00663020100411150	•Straight rod	2	
16	00663020100411170	•Web member	2	
17	00663020100411180	•Web member	2	
18	00663020100411190	•Web member	2	
19	00663020100411200	•Web member	2	
20	00663110100211200	•Web member	2	
21	00663110100211210	•Web member	2	
22	00663110100211220	•Web member	2	
23	00663110100211230	•Web member	2	
24	00663110100211230	•Web member	2	
25	00663020100411250	•Web member	2	
48	00663020100411160	•Diagonal link	1	
49	00663110100211500	•Web member	2	
58	00663000101001012	•Double hinge lug	4	

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NYLON PULLEY ASSY.
D00663110100220000Y



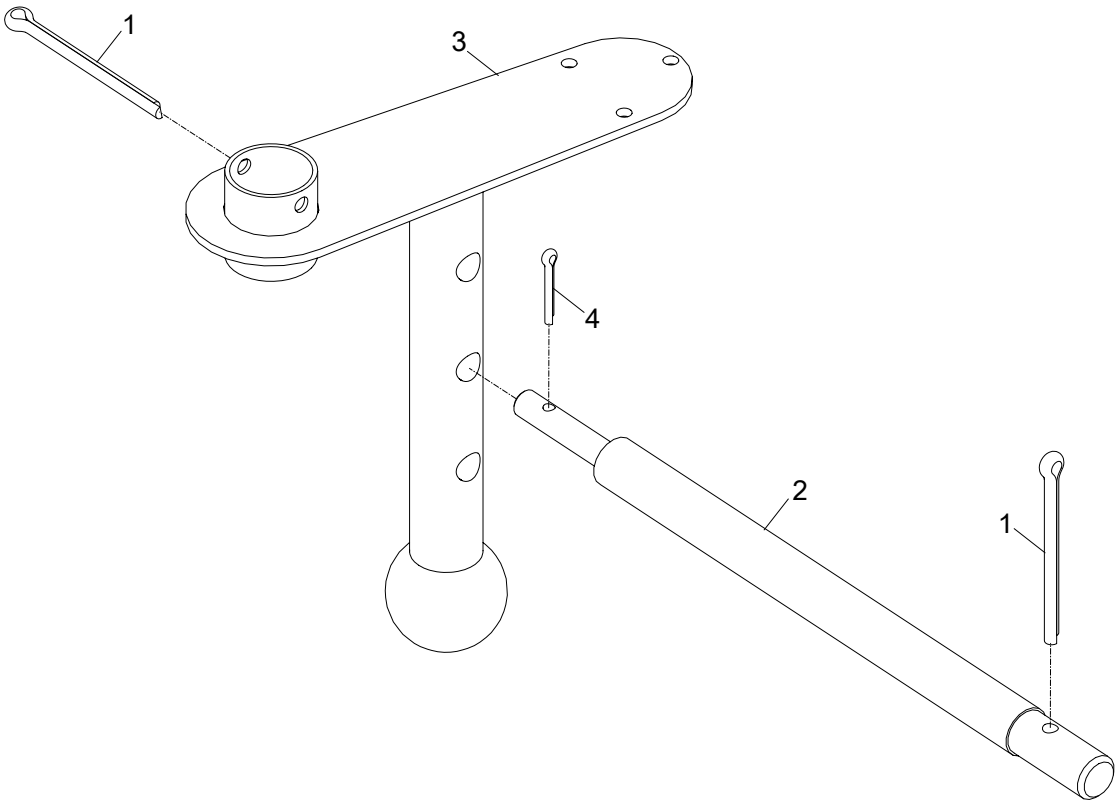
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NYLON PULLEY ASSY.
D00663110100220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100220000	Nylon pulley assy.		
1	00663110100221010	•MC pulley	1	
2	1050200952	•Double row cylindrical roller bearing	1	
3	1080000001	•Oil cup	2	
4	204110014	•Lithium-based Grease	1kg	

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INSTALLATION OF ANEMOMETER SUPPORT
D00661716605600000Y



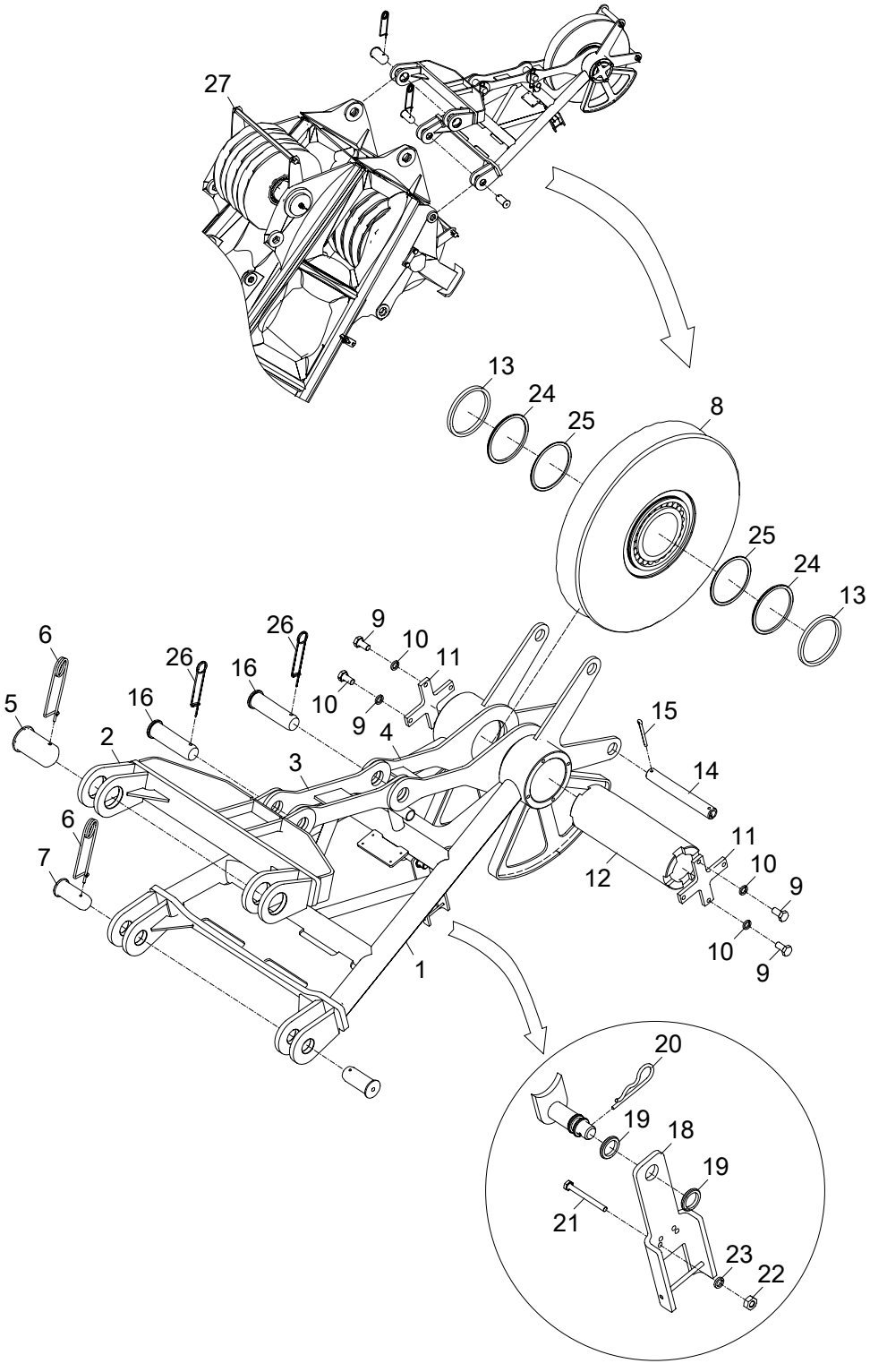
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INSTALLATION OF ANEMOMETER SUPPORT D00661716605600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00661716605600000	Installation of anemometer support		
1	1040500173	•Pin	2	
2	00663606600401050	•Rod	1	
3	00663200102410000	•Mounting bracket	1	
4	1040500068	•Pin	1	

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TIP BOOM ASSY.
D00663110101400000Y



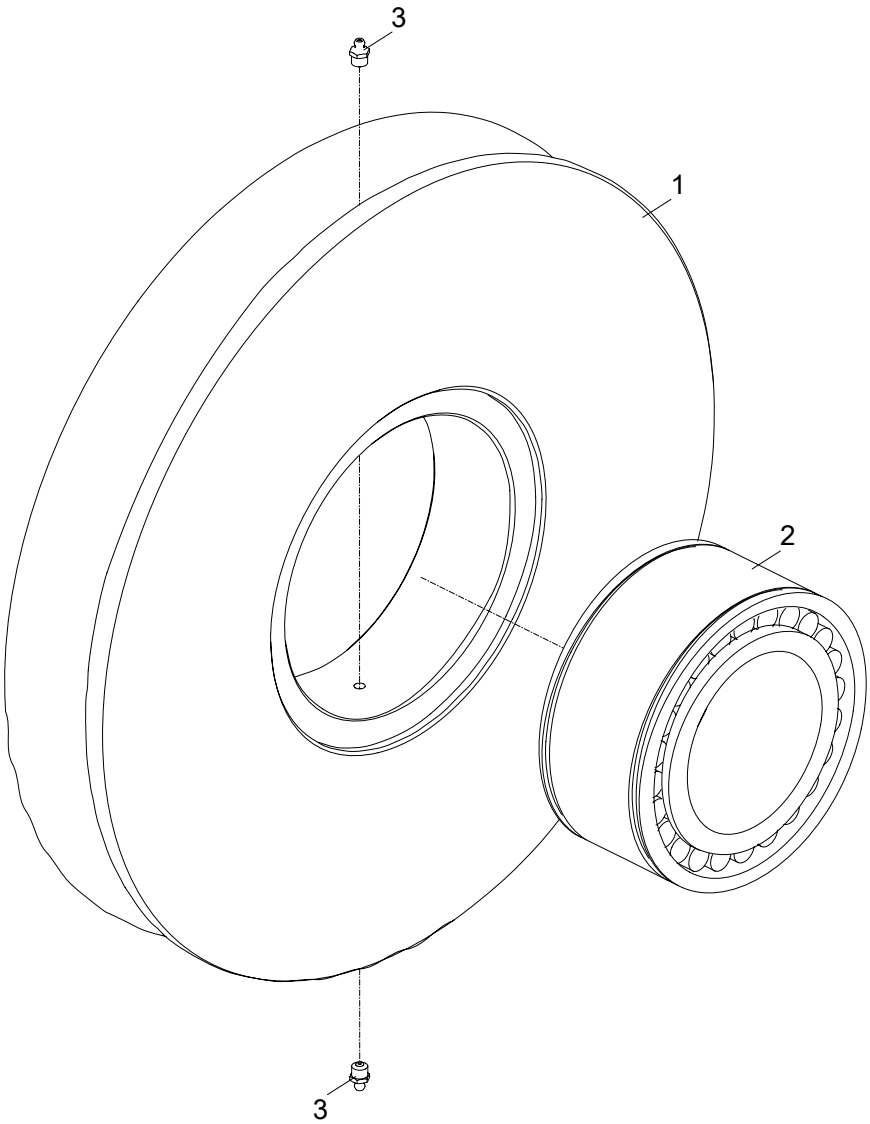
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TIP BOOM ASSY.
D00663110101400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110101400000	Tip boom assy.		
1	00663110101410000	•Connecting support	1	
2	00663050100620000	•Connecting support	1	
3	00663050100630000	•Double anchoring rod	1	
4	00663110101420000	•Anchoring rod	1	
5	00663000100001162	•Pin spindle	2	
6	00663300100001230	•Retaining pin	4	
7	00663020100001010	•Pin spindle	2	
8	00663110100220000	•Nylon pulley assy.	1	
9	1040000116	•Bolt	8	
10	1040300067	•Washer	8	
11	00663050100601010	•Shaft end retaining plate	2	
12	00663050100601020	•Shaft	1	
13	00663300100001010	•Spacing sleeve	2	
14	00663110101401010	•Rope guard tube	2	
15	1040500057	•Pin	4	
16	00663406601201020	•Pin spindle	2	
17	204110014	•Lithium-based Grease	1kg	
18	00663400100410000	•Mounting bracket	1	
19	00663200102401010	•Pad	2	
20	006340000032	•Retaining pin (D16,18,20)	1	
21	1040000304	•Bolt	2	
22	1040200100	•Nut	2	
23	1040300044	•Washer	2	
24	00663306601001071	•Spacing sleeve	2	
25	00663407900001140	•Spacing sleeve	2	
26	00663065400201010	•Retaining pin	2	
27		Main boom head assy.	1	

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NYLON PULLEY ASSY.
D00663110100220000Y



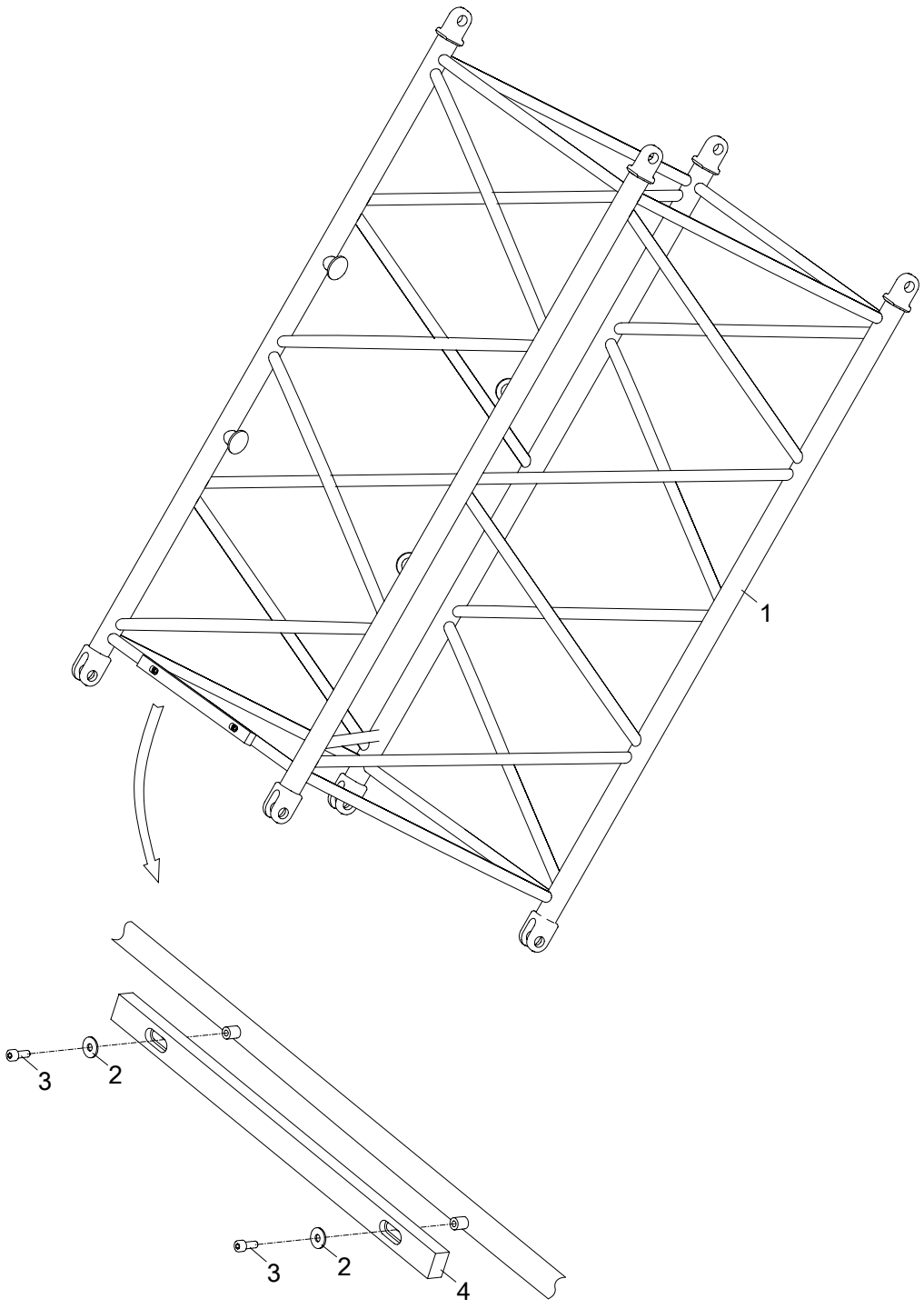
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NYLON PULLEY ASSY.
D00663110100220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100220000	Nylon pulley assy.		
1	00663110100221010	•MC pulley	1	
2	1050200952	•Double row cylindrical roller bearing	1	
3	1080000001	•Oil cup	2	
4	204110014	•Lithium-based Grease	1kg	

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3M MAIN BOOM INTERMEDIATE SECTION ASSY. D00663110100800000Y



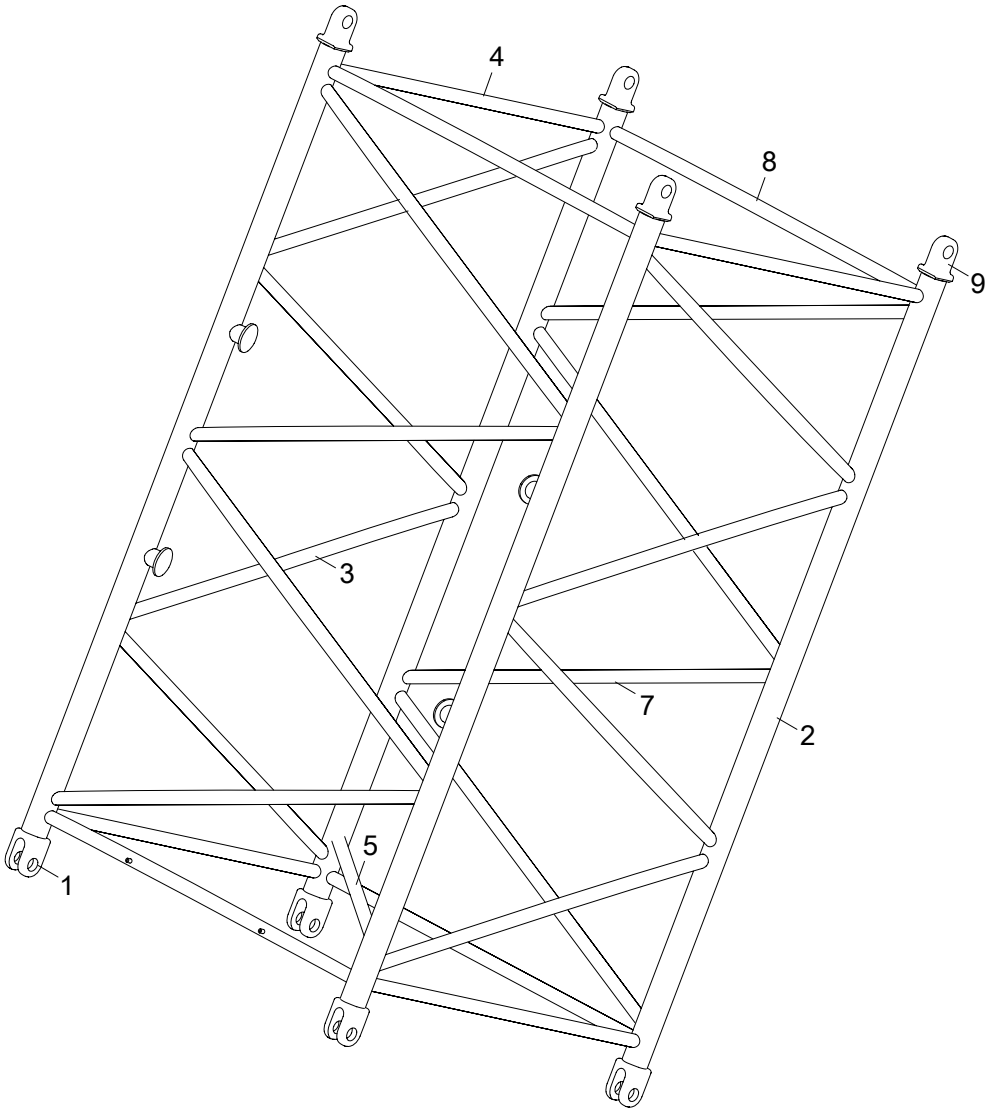
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3M MAIN BOOM INTERMEDIATE SECTION ASSY. D00663110100800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100800000	3m main boom intermediate section assy.		
1	00663110100810000	•3m main boom intermediate section welded	1	
2	1040300094	•Washer	2	
3	1040100069	•Screw	2	
4	00663020100001050	•Nylon plate	1	

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3M MAIN BOOM INTERMEDIATE SECTION WELDED D00663110100810000Y



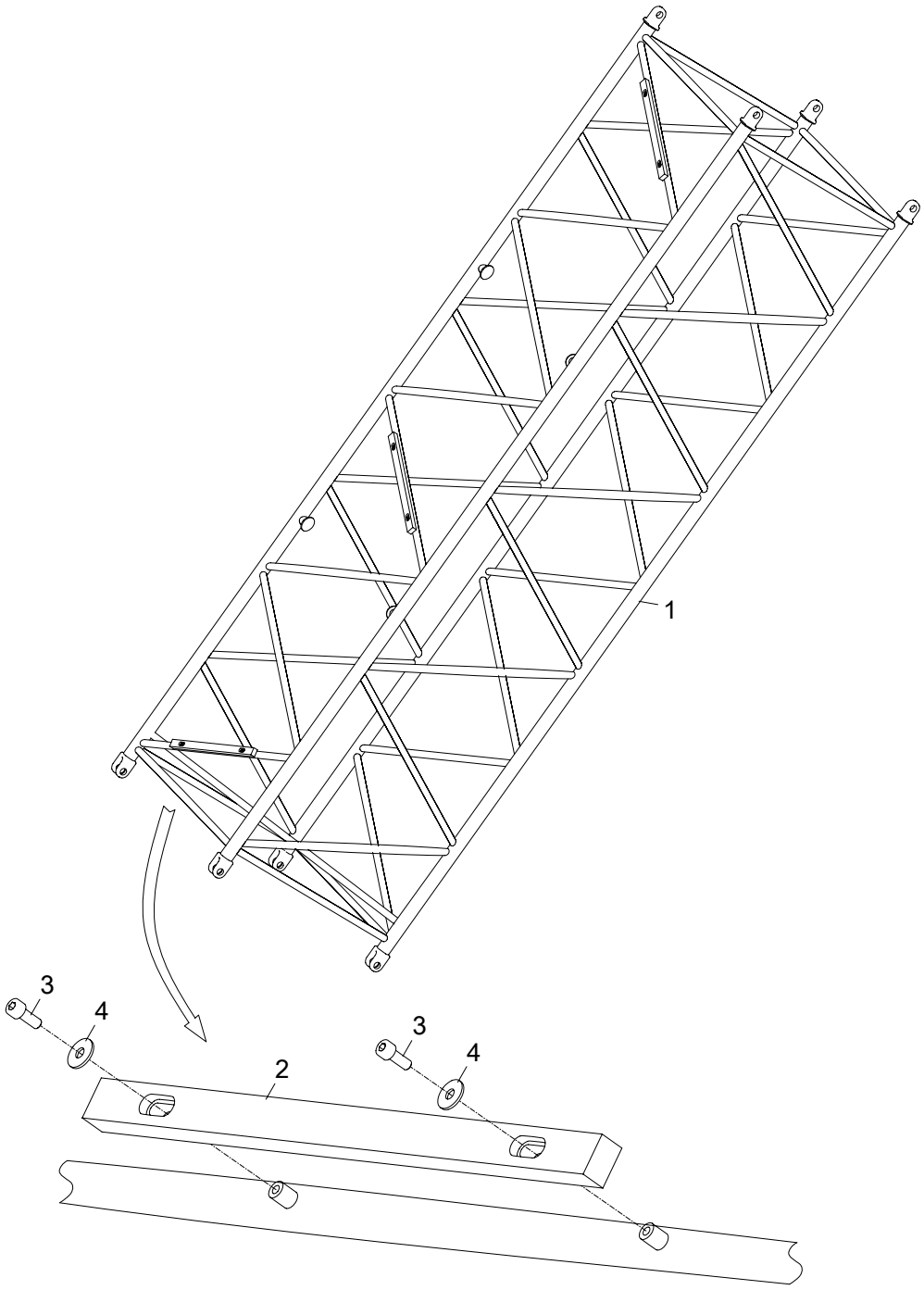
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3M MAIN BOOM INTERMEDIATE SECTION WELDED D00663110100810000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100810000	3m main boom intermediate section welded		
1	1992000032	•Double hinge lug	4	
2	00663020100801020	•Chord	4	
3	00663020100801030	•Web member	8	
4	00663020100801040	•Web member	4	
5	00663020100801050	•Diagonal link	1	
7	00663020100801060	•Web member	8	
8	00663020100801070	•Straight rod	4	
9	1992000015	•Single hinge lug	4	

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6M MAIN BOOM INTERMEDIATE SECTION ASSY. D00663110101000000Y



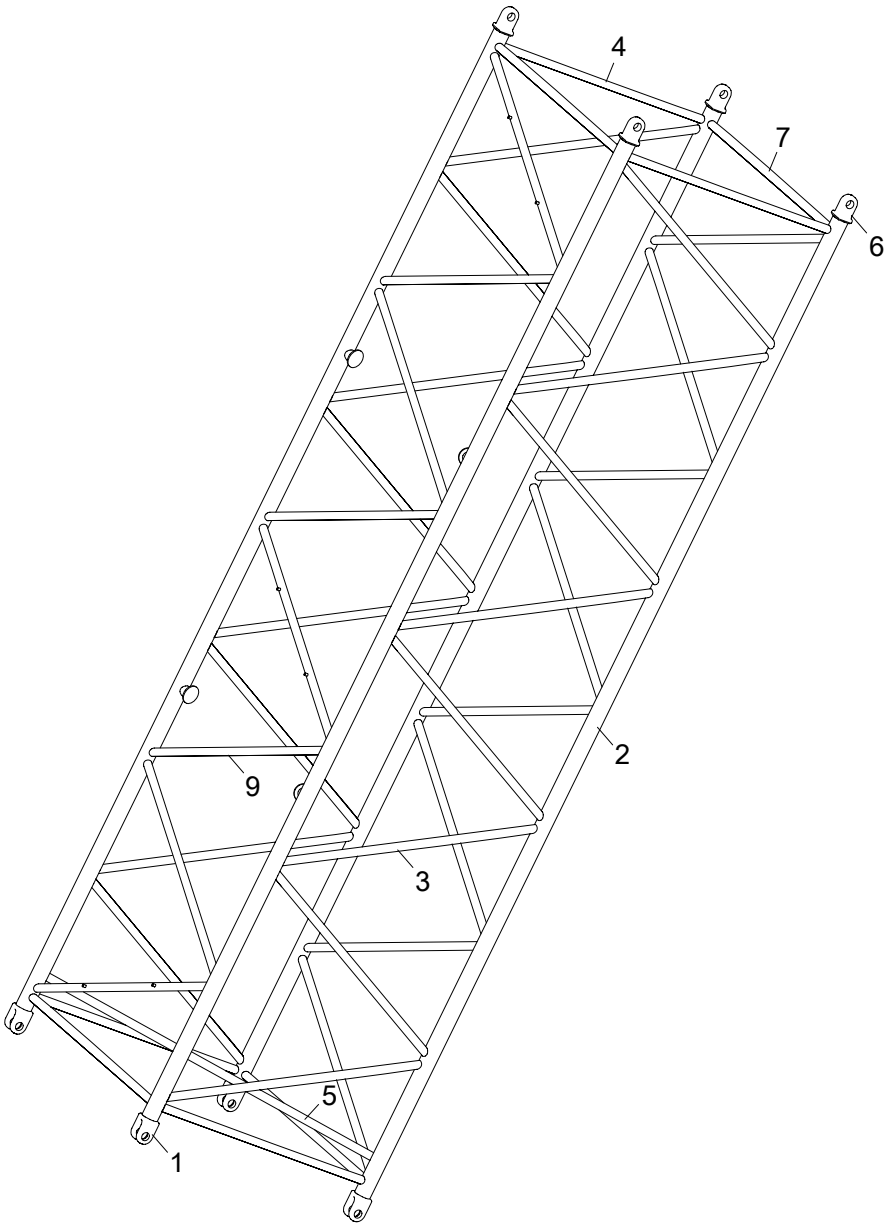
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6M MAIN BOOM INTERMEDIATE SECTION ASSY. D00663110101000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110101000000	6m main boom intermediate section assy.		
1	00663110101010000	•6m main boom intermediate section welded	1	
2	00663020100001050	•Nylon plate	3	
3	1040100069	•Screw	6	
4	1040300094	•Washer	6	

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6M MAIN BOOM INTERMEDIATE SECTION WELDED D00663110101010000Y



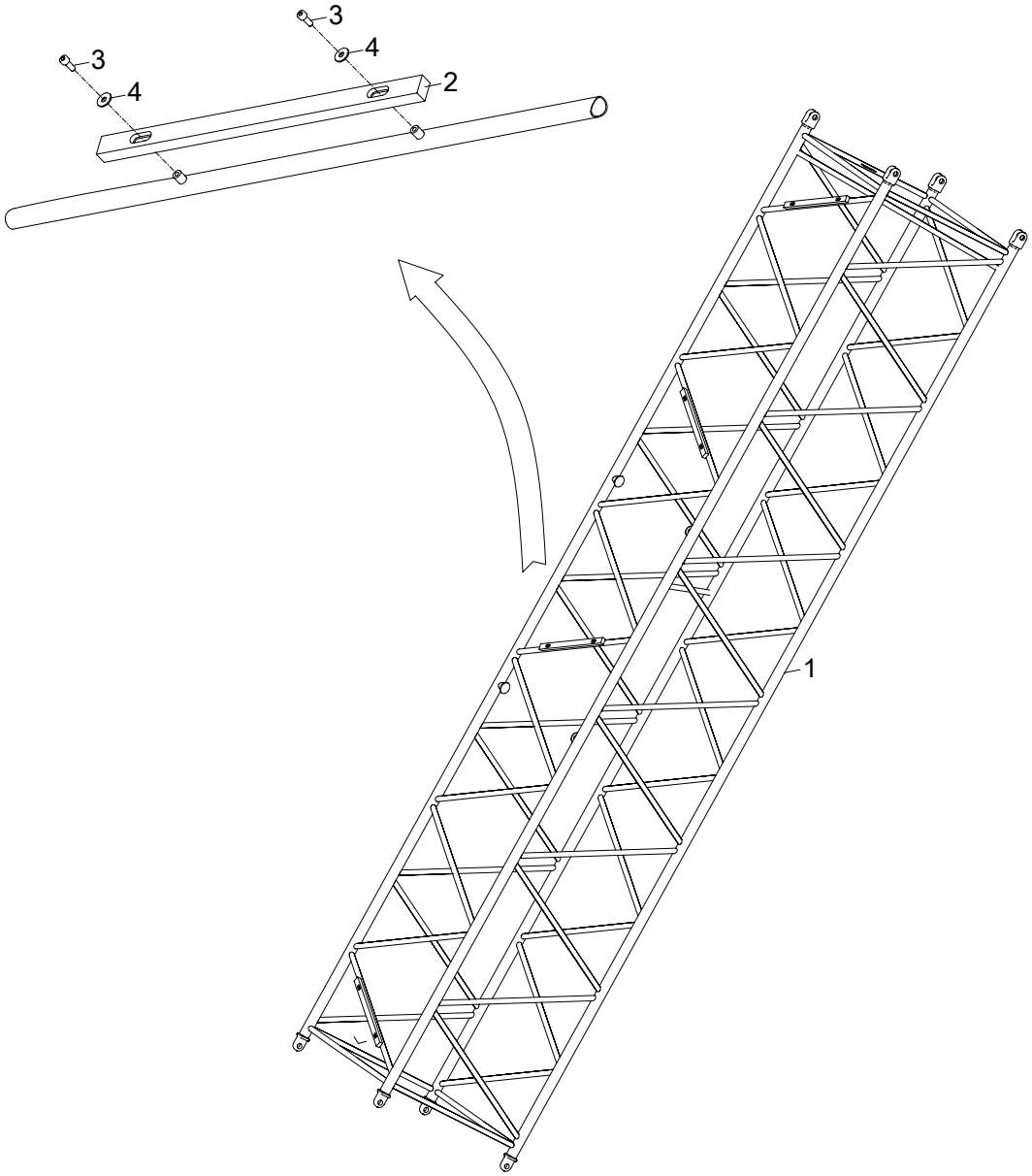
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6M MAIN BOOM INTERMEDIATE SECTION WELDED D00663110101010000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110101010000	6m main boom intermediate section welded		
1	1992000032	•Double hinge lug	4	
2	00663020101001010	•Chord	4	
3	00663020101001020	•Web member	16	
4	00663020100801040	•Web member	4	
5	00663020100801050	•Diagonal link	1	
6	1992000015	•Single hinge lug	4	
7	00663020100801070	•Straight rod	4	
9	00663020101001030	•Web member	16	

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9M MAIN BOOM INTERMEDIATE SECTION ASSY. D00663110101200000Y



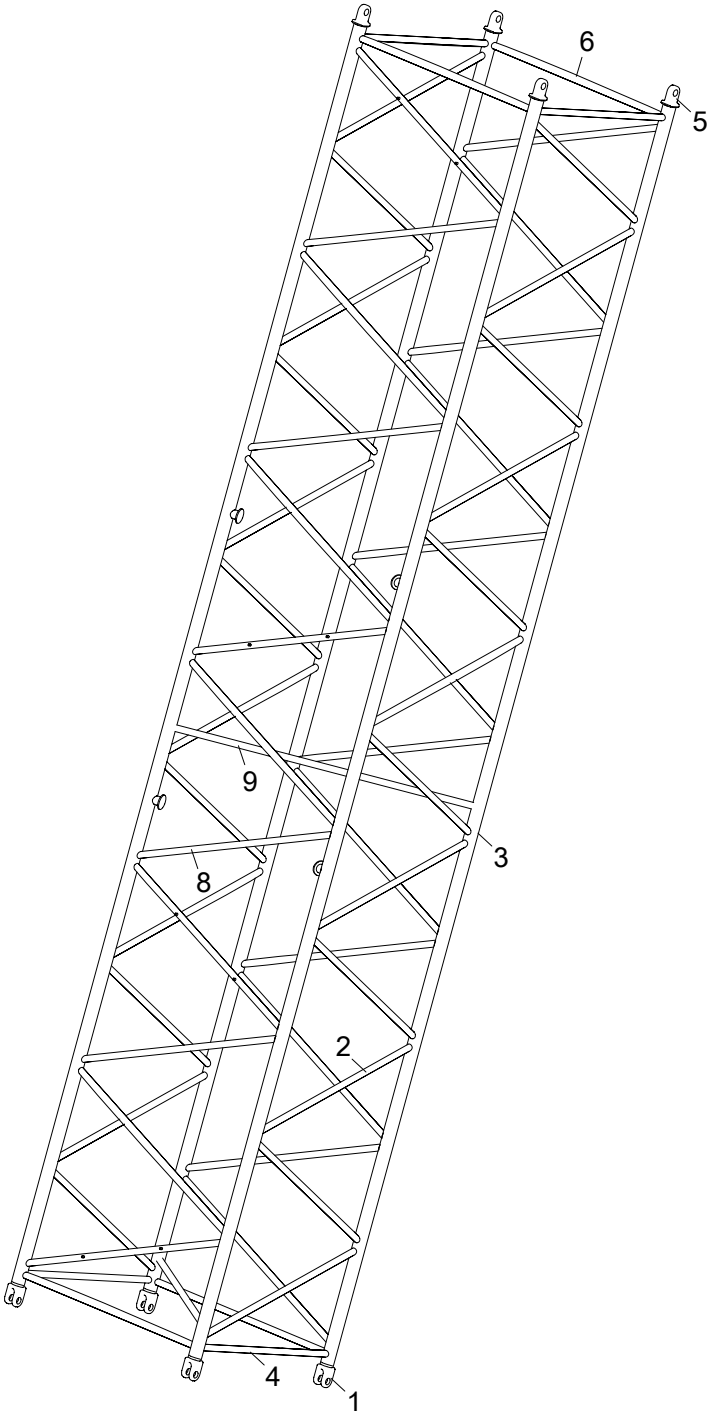
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9M MAIN BOOM INTERMEDIATE SECTION ASSY. D00663110101200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110101200000	9m main boom intermediate section assy.		
1	00663110101210000	•9m main boom intermediate section welded	1	
2	00663020100001050	•Nylon plate	4	
3	1040100069	•Screw	8	
4	1040300094	•Washer	8	

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9M MAIN BOOM INTERMEDIATE SECTION WELDED D00663110101210000Y



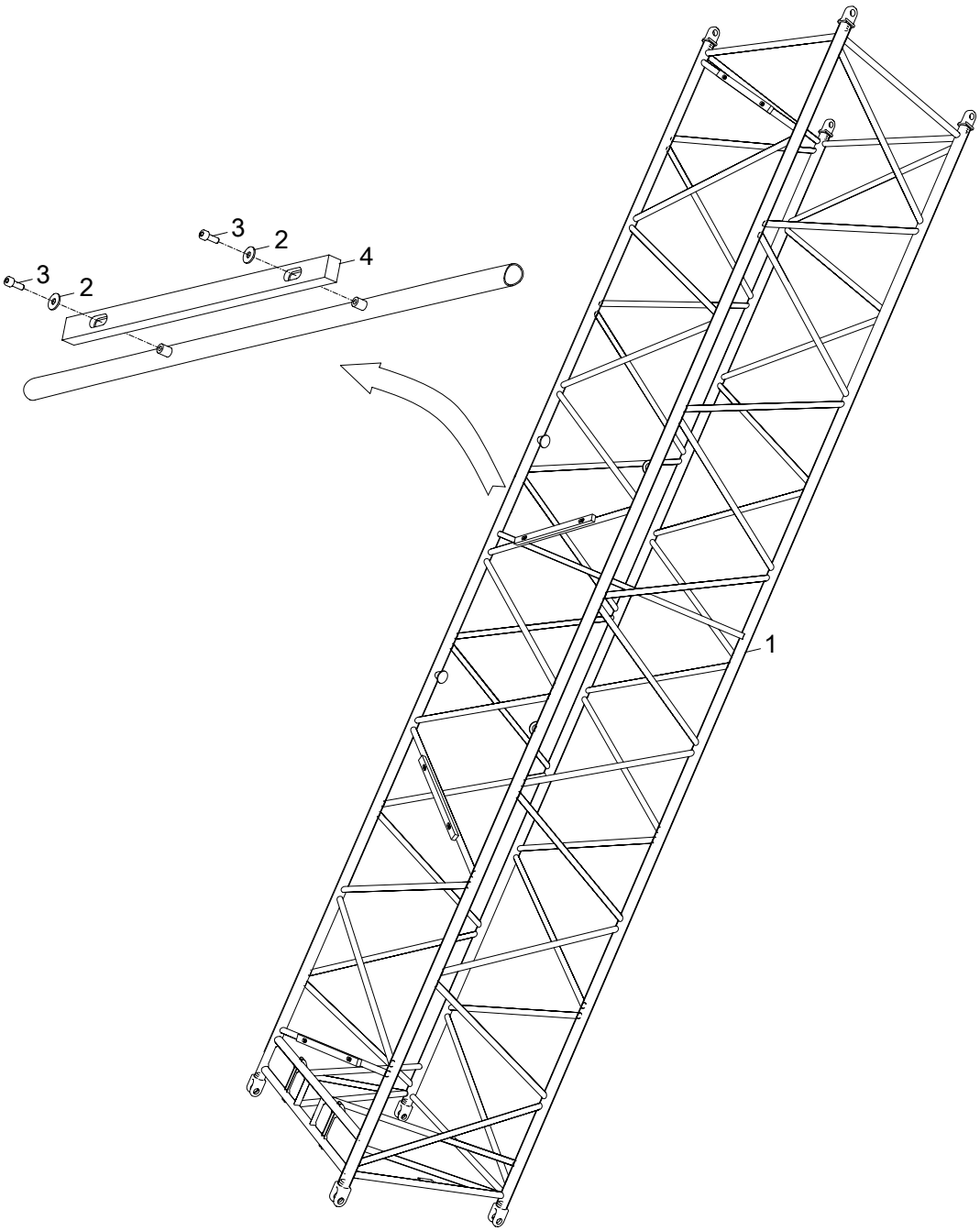
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9M MAIN BOOM INTERMEDIATE SECTION WELDED D00663110101210000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110101210000	9m main boom intermediate section welded		
1	1992000032	•Double hinge lug	4	
2	00663020101001020	•Web member	24	
3	00663020101201010	•Chord	4	
4	00663020100801040	•Web member	4	
5	1992000015	•Single hinge lug	4	
6	00663020100801070	•Straight rod	4	
8	00663020101001030	•Web member	24	
9	00663020100801050	•Diagonal link	2	

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9M MAIN BOOM INTERMEDIATE SECTION A ASSY. D00663110100600000Y



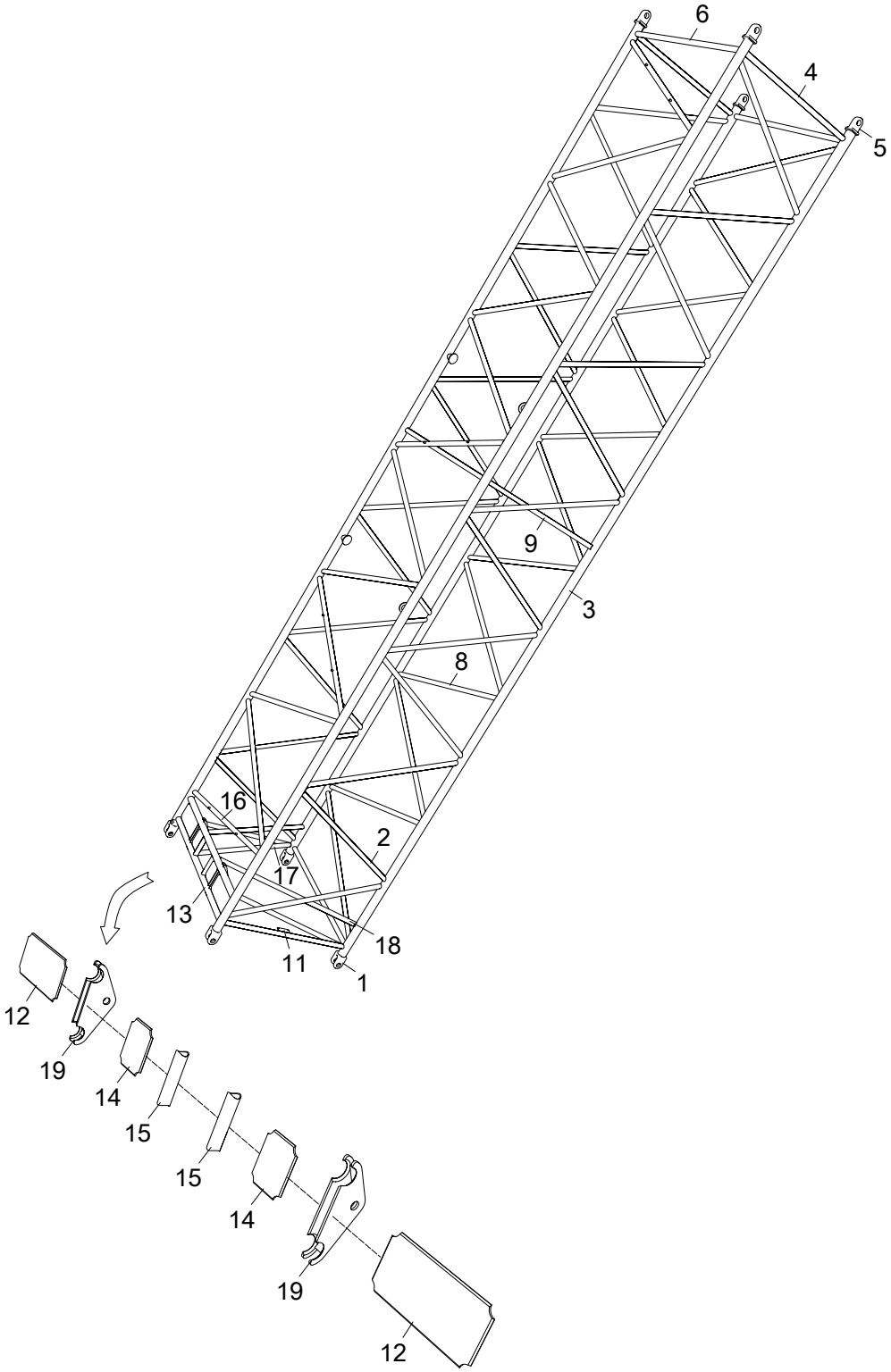
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9M MAIN BOOM INTERMEDIATE SECTION A ASSY. D00663110100600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100600000	9m main boom intermediate section A assy.		
1	00663110100610000	•9m main boom intermediate section A welded	1	
2	1040300094	•Washer	8	
3	1040100069	•Screw	8	
4	00663020100001050	•Nylon plate	4	

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9M MAIN BOOM INTERMEDIATE SECTION A WELDED D00663110100610000Y



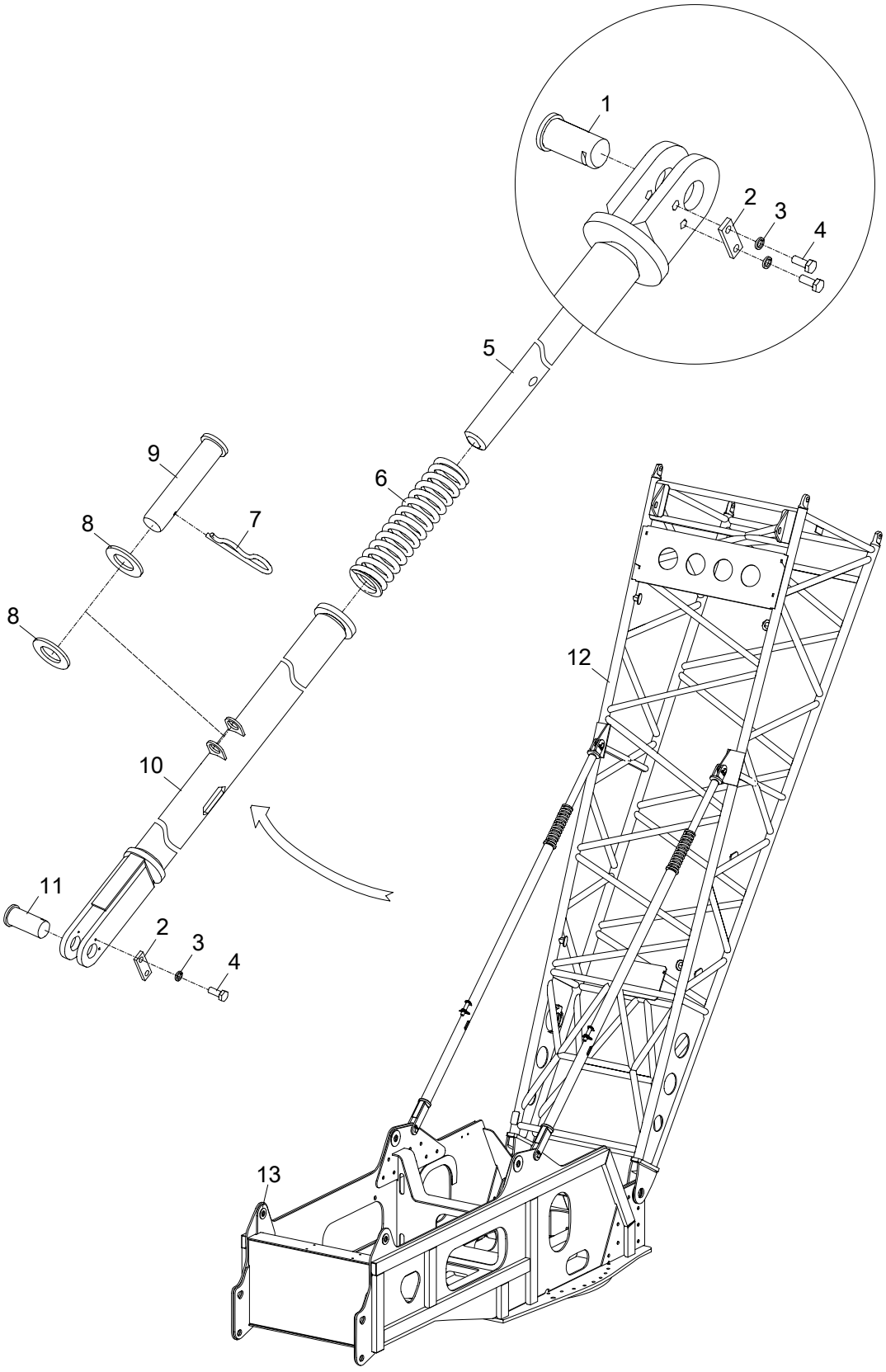
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9M MAIN BOOM INTERMEDIATE SECTION A WELDED D00663110100610000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100610000	9m main boom intermediate section A welded		
1	1992000032	•Double hinge lug	4	
2	00663020101001020	•Web member	24	
3	00663020101201010	•Chord	4	
4	00663020100801040	•Web member	4	
5	1992000015	•Single hinge lug	4	
6	00663020100801070	•Straight rod	3	
8	00663020101001030	•Web member	23	
9	00663020100801050	•Diagonal link	1	
11	00663000100201120	•Plate	1	
12	00663110100611120	•Plate	2	
13	00663110100611130	•Straight pipe	2	
14	00663110100611140	•Plate	2	
15	00663110100611150	•Pipe	2	
16	00663110100611160	•Pipe	1	
17	00663110100611170	•Pipe	2	
18	00663110100611180	•Pipe	2	
19	00663110100610010	•Supporting seat	2	

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MAIN BOOM TILTING-BACK SUPPORT
D00663003100200002Y



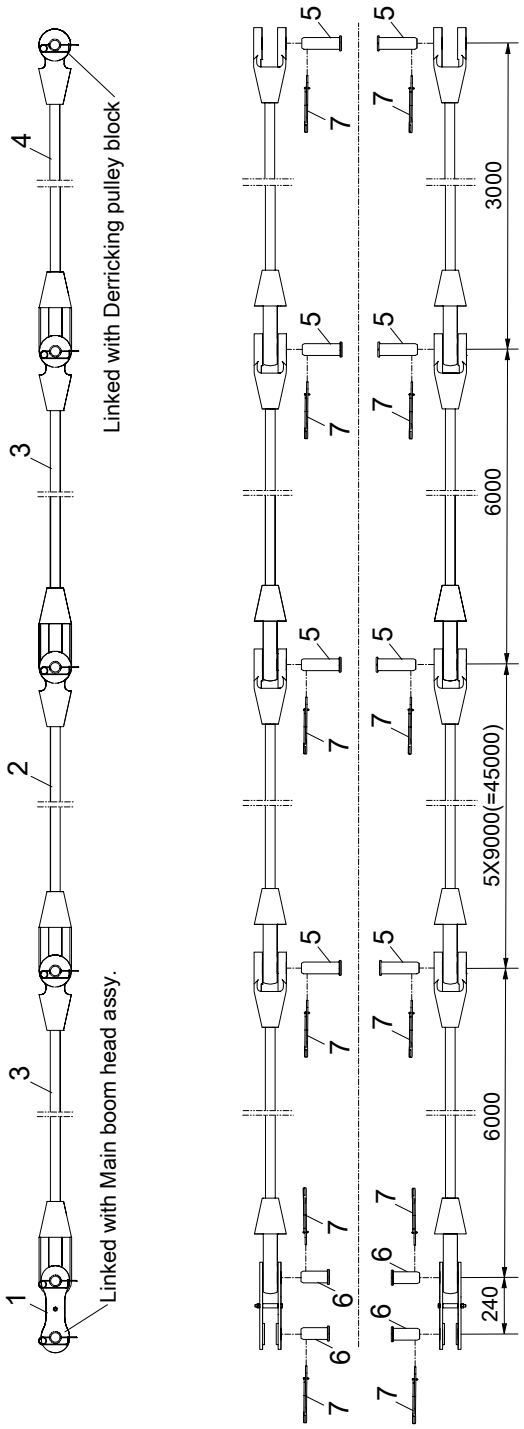
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MAIN BOOM TILTING-BACK SUPPORT
D00663003100200002Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663003100200002	Main boom tilting-back support	2	
1	00663003100201041	•Shaft	2	
2	006340000026	•Baffle 40	4	
3	1040300063	•Washer	8	
4	1040000267	•Bolt	8	
5	00663003100210001	•Inner tilting-back support assy.	2	
6	00663003100201020	•Spring	2	
7	006340000029	•Spring-loaded pin	2	
8	1040300074	•Seal ring	4	
9	00663003100201031	•Shaft	2	
10	00663003100220002	•Outer tilting-back support assy.	2	
11	00663003100201011	•Shaft	2	
12		Fixed jib pivot section	1	
13		Slewing table	1	

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MAIN BOOM GUY LINES
D00663115400200000Y



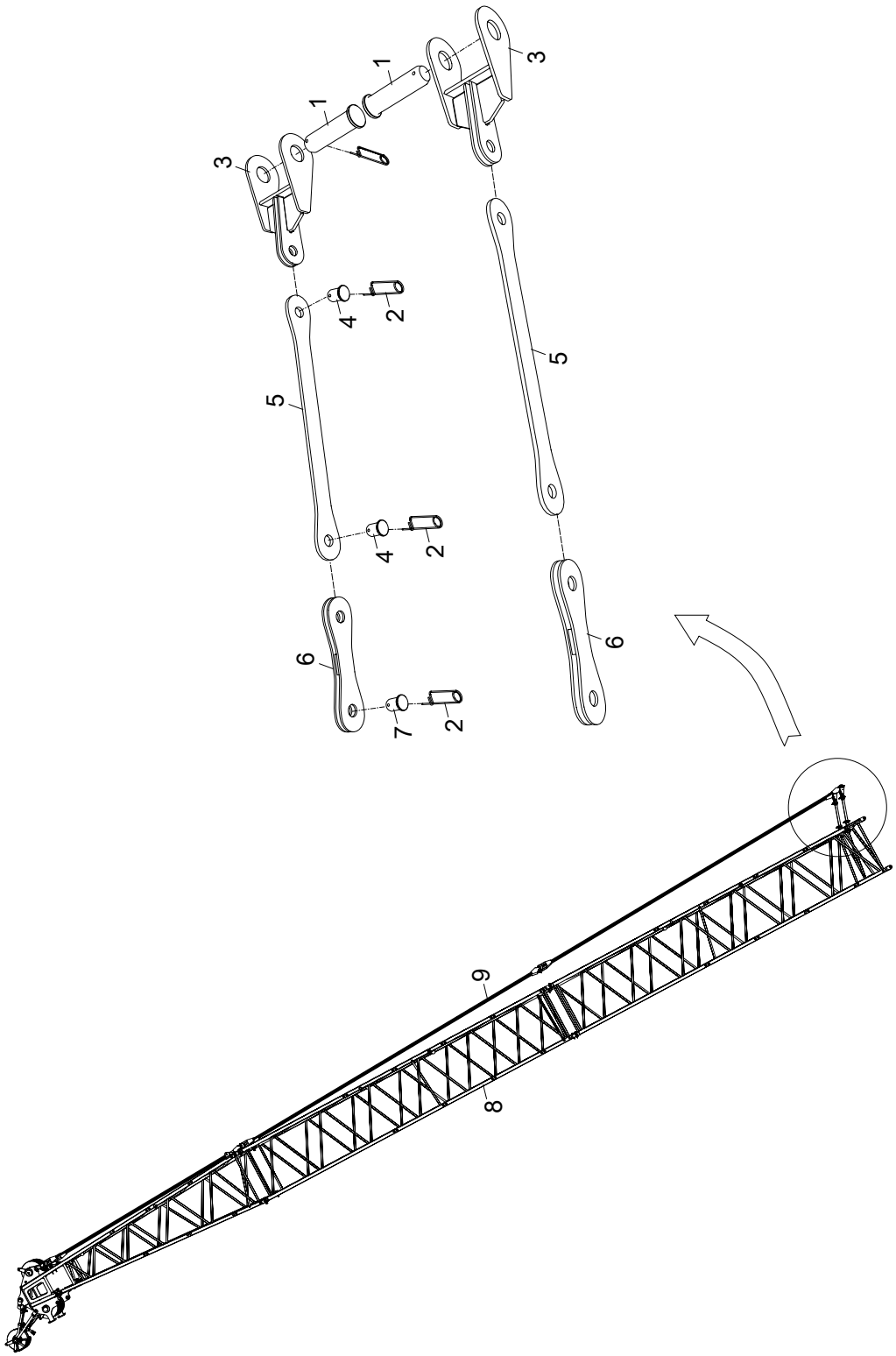
https://truckmanualshub.com/

MAIN BOOM GUY LINES
D00663115400200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663115400200000	Main boom guy lines		
1	00663115400210000	•Double anchoring rod	2	
2	1090100773	•Guy line	10	
3	1090100772	•Guy line	4	
4	1090100771	•Guy line	2	
5	00663115400201010	•Pin spindle	16	
6	00663115400201020	•Pin spindle	4	
7	00663065400201010	•Retaining pin	20	

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INSTALLATION OF INTERMEDIATE TENSIONER D00663115400800000Y



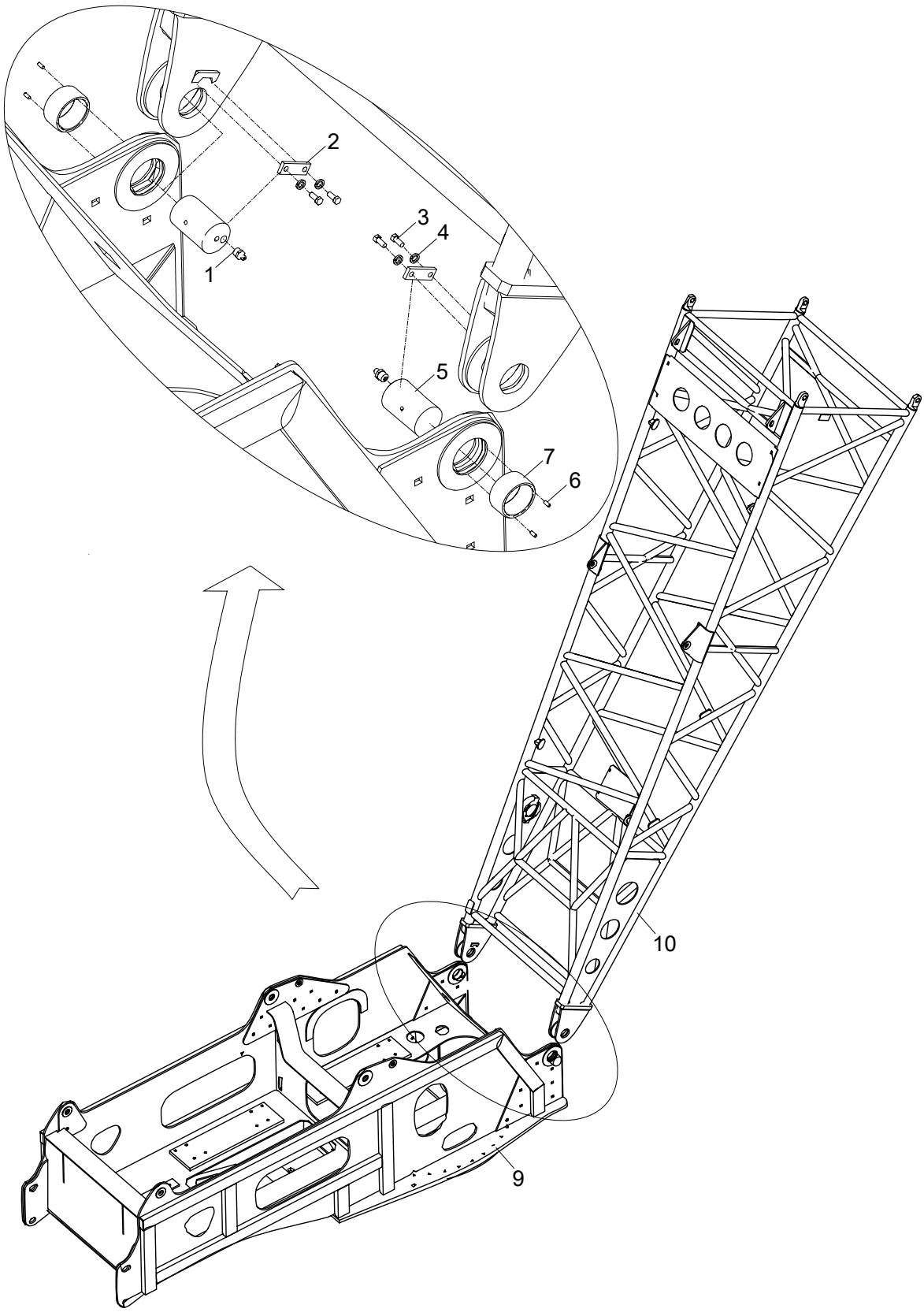
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INSTALLATION OF INTERMEDIATE TENSIONER D00663115400800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663115400800000	Installation of intermediate tensioner		
1	00663115400801010	•Pin spindle	2	
2	00663065400201010	•Retaining pin	8	
3	00663115400810000	•Cross coupling	2	
4	00663115400801020	•Pin spindle	4	
5	00663115400801030	•Single anchoring rod	2	
6	00663115400820000	•Double anchoring rod	2	
7	00663115400801040	•Pin spindle	2	
8	00663110100000000	Main boom assy.	1	
9		Main boom guy lines	1	

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MAIN BOOM ASSEMBLY
D00663024700400000Y



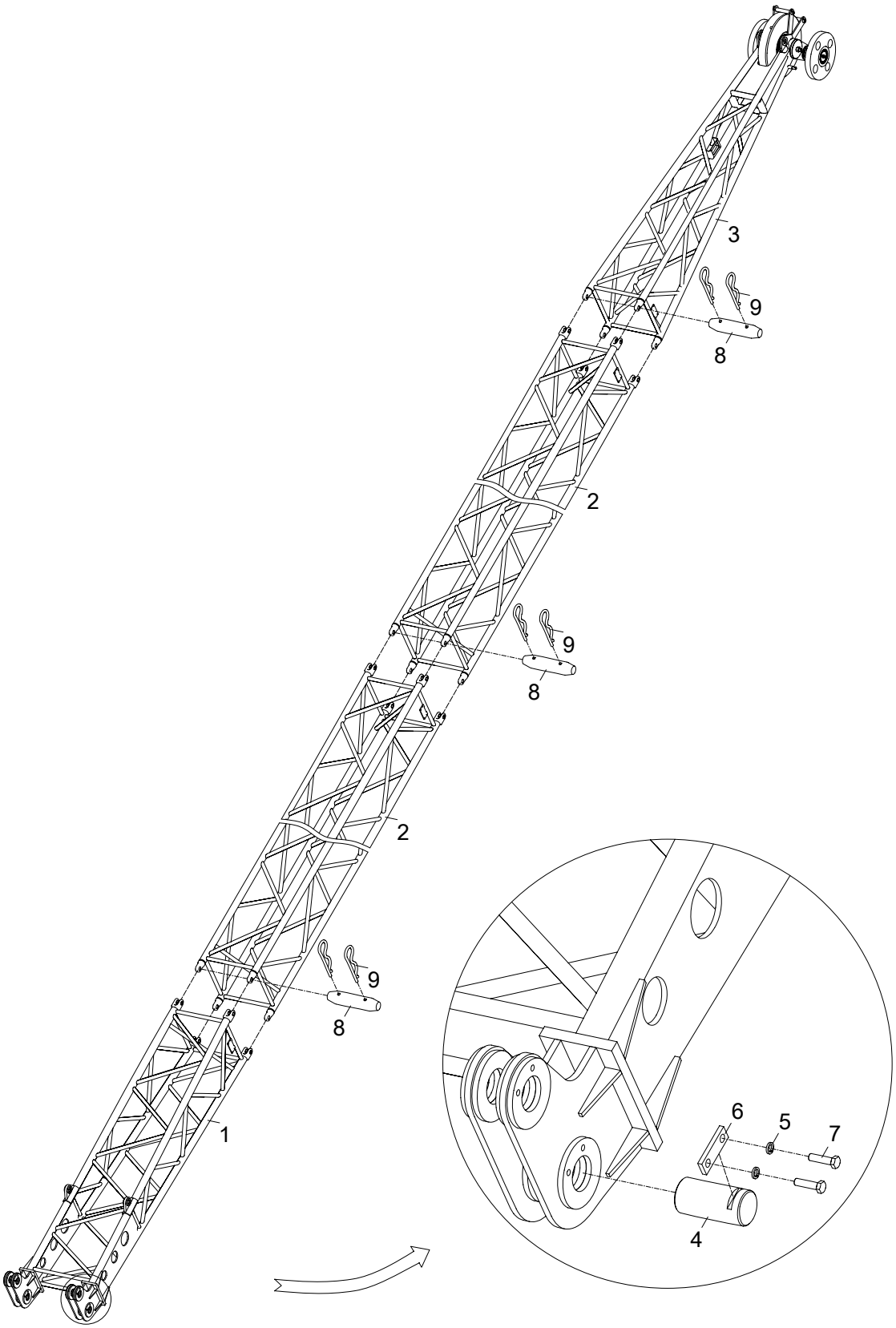
https://truckmanualshub.com/

MAIN BOOM ASSEMBLY
D00663024700400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663024700400000	Main boom assembly		
1	1080000002	•Oil cup	2	
2	006340000071	•Baffle 90	2	
3	1040000108	•Bolt	4	
4	1040300054	•Washer	4	
5	00663024700401021	•Shaft	2	
6	1040100081	•Screw	4	
7	00663004700401020	•Brass bush	2	
8	204110014	•Lithium-based Grease	0.01kg	E
9		Slewing table	1	
10		Fixed jib pivot section	1	

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FIXED JIB
D00663110200000000Y



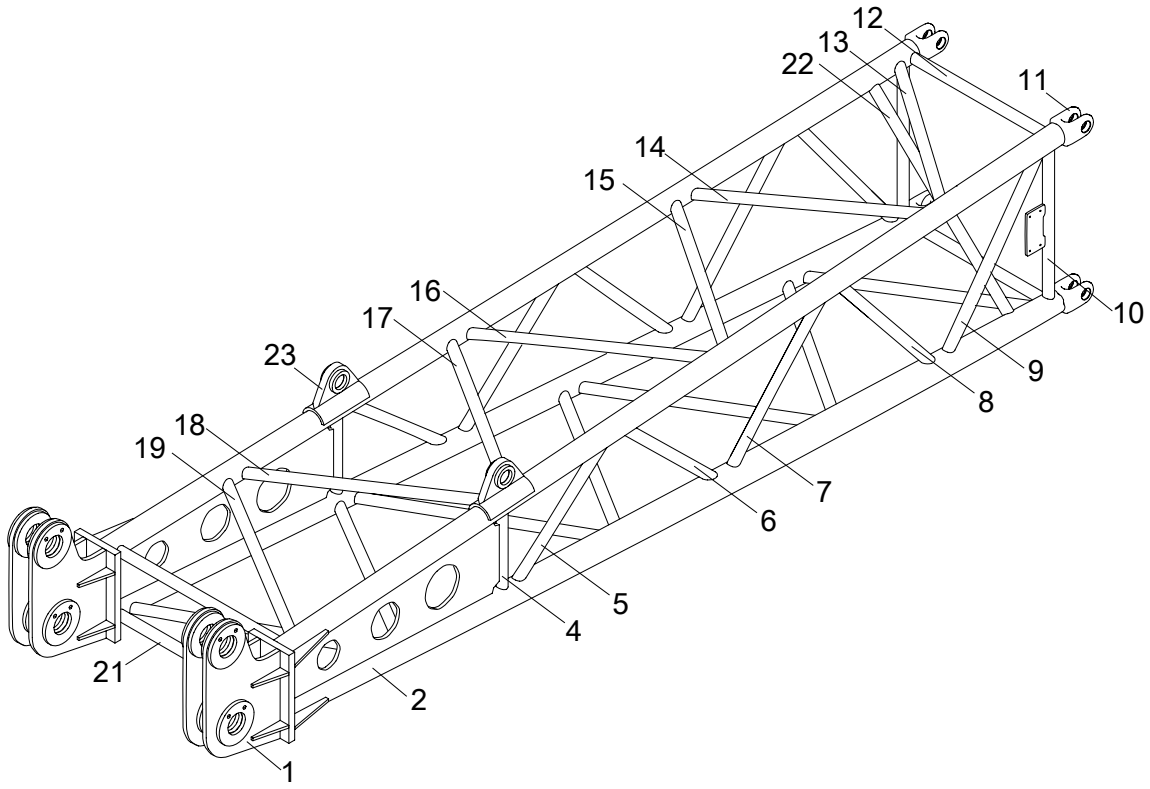
https://truckmanualshub.com/

FIXED JIB
D00663110200000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110200000000	Fixed jib		
1	00663020200200000	•Fixed jib pivot section	1	
2	00663020200600000	•6m fixed jib intermediate section	2	
3	00663110200200000	•Main boom head assy.	1	
4	00663110200001010	•Shaft	4	
5	1040300054	•Washer	8	
6	006340000019	•Retaining plate 60	4	
7	1040000169	•Bolt	8	
8	00663000200001022	•Pin spindle	12	
9	006340000029	•Spring-loaded pin	24	

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FIXED JIB PIVOT SECTION
D00663020200200000Y



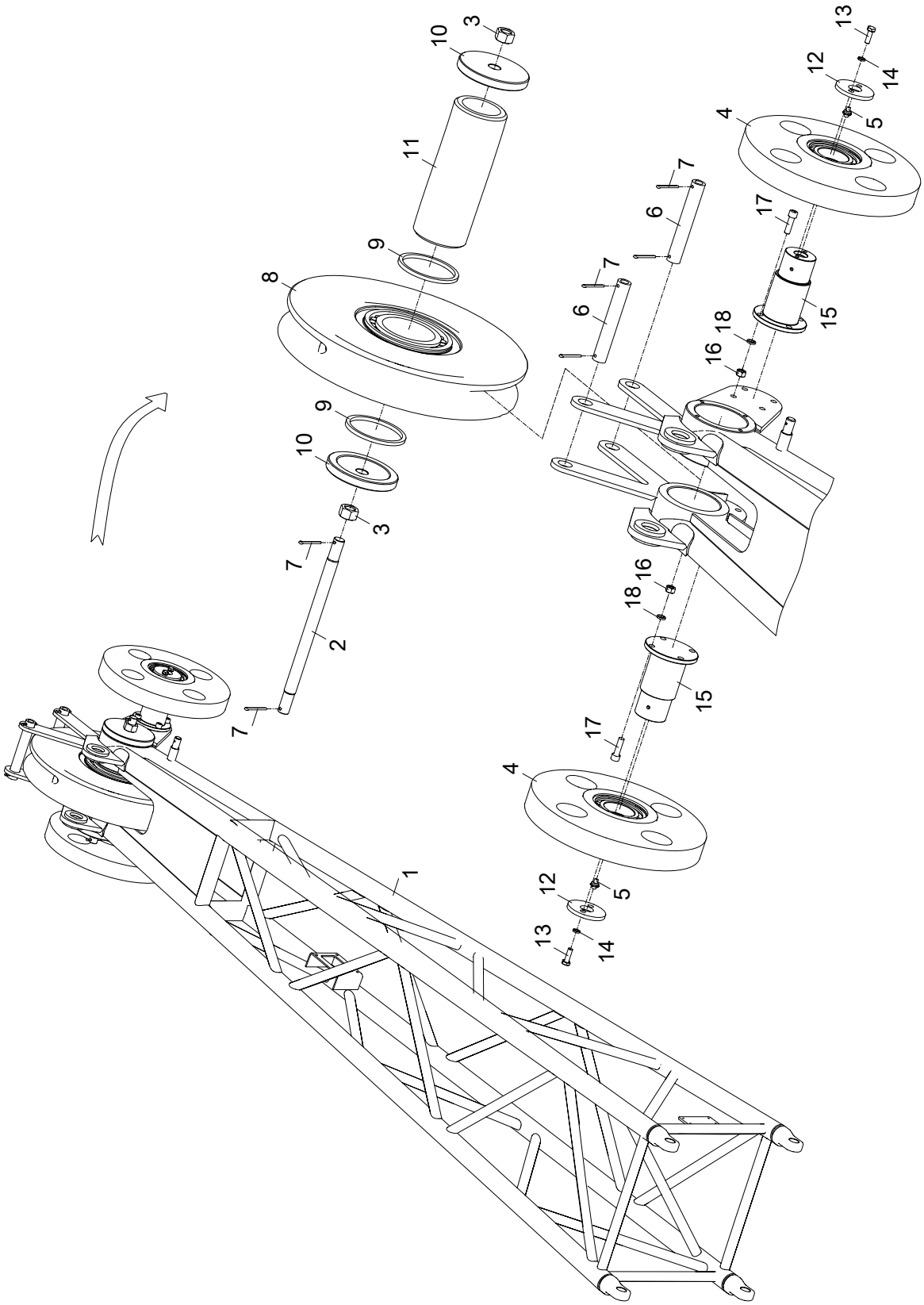
https://truckmanualshub.com/

FIXED JIB PIVOT SECTION
D00663020200200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663020200200000	Fixed jib pivot section		
1	00663020200210000	•Fork joint	2	
2	00663020200201010	•Chord	4	
4	00663020200201030	•Straight rod	2	
5	00663020200201040	•Web member	2	
6	00663020200201050	•Web member	2	
7	00663020200201060	•Web member	2	
8	00663020200201070	•Web member	2	
9	00663020200201080	•Web member	2	
10	00663020200201090	•Web member	2	
11	00663000200201122	•Double hinge lug	4	
12	00663020200201100	•Web member	2	
13	00663020200201110	•Web member	2	
14	00663020200201120	•Web member	2	
15	00663020200201130	•Web member	2	
16	00663020200201140	•Web member	2	
17	00663020200201150	•Web member	2	
18	00663020200201160	•Web member	2	
19	00663020200201170	•Web member	2	
21	00663020200201180	•Web member	2	
22	00663020200201190	•Diagonal link	1	
23	00663000200201260	•Attachment point	2	

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FIXED JIB HEAD ASSY.
D00663110200200000Y



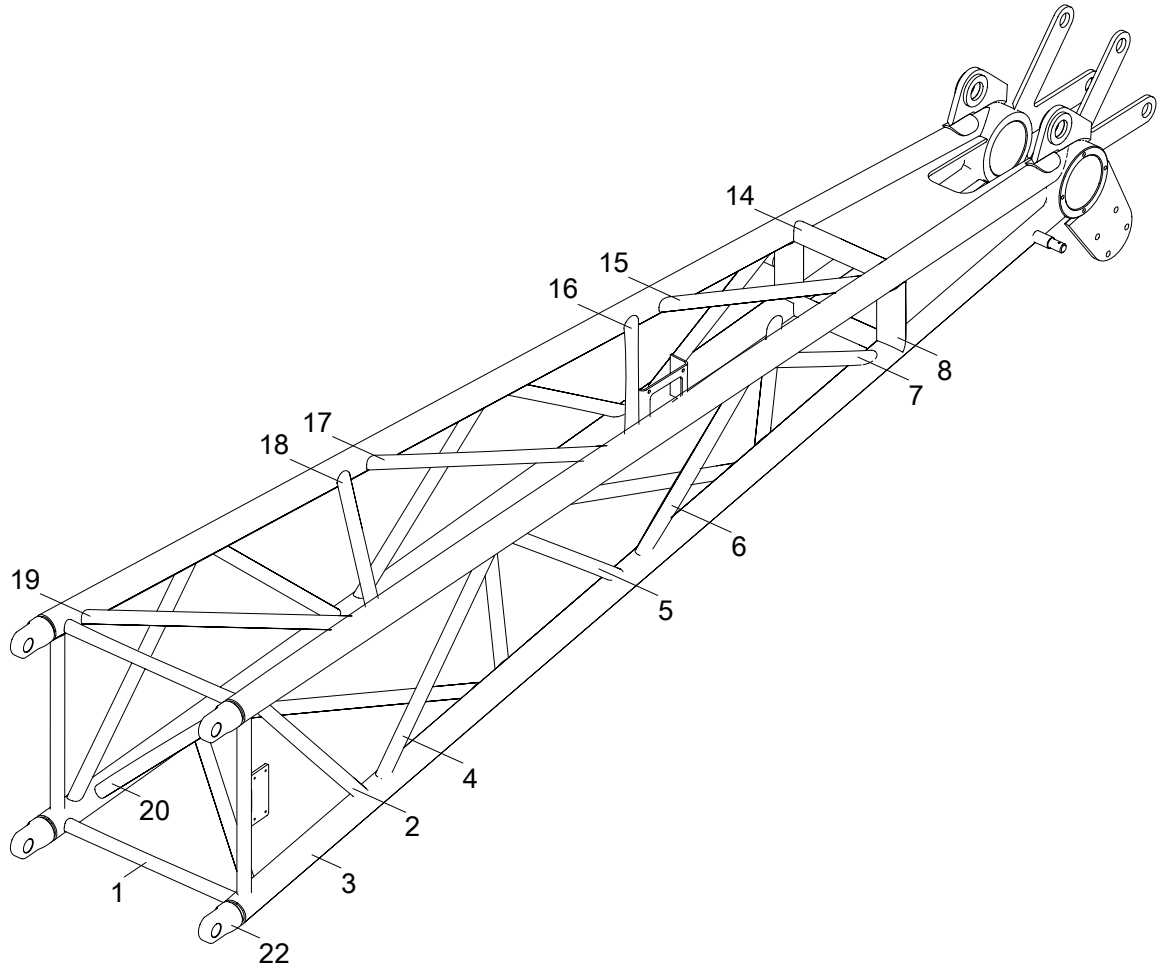
https://truckmanualshub.com/

FIXED JIB HEAD ASSY.
D00663110200200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110200200000	Fixed jib head assy.		
1	00663110200210000	•Fixed jib head welded	1	
2	00663020200401030	•Threaded rod	1	
3	1040200102	•Nut	2	
4	00663020200420000	•Running wheel assembly	2	
5	1080000002	•Oil cup	2	
6	00663020200401040	•Pipe	2	
7	1040500057	•Pin	6	
8	00663110100220000	•Nylon pulley assy.	1	
9	00663020100401120	•Spacing sleeve	2	
10	00663100200401040	•Top cap	2	
11	00663020200401060	•Shaft	1	
12	00663100200401080	•Plate	2	
13	1040000090	•Bolt	4	
14	1040300067	•Washer	4	
15	00663100200401070	•Shaft	2	
16	1040200096	•Nut	8	
17	1040100089	•Screw	8	
18	1040300054	•Washer	8	
19	204110014	•Lithium-based Grease	0.5kg	

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FIXED JIB HEAD WELDED
D00663110200210000Y



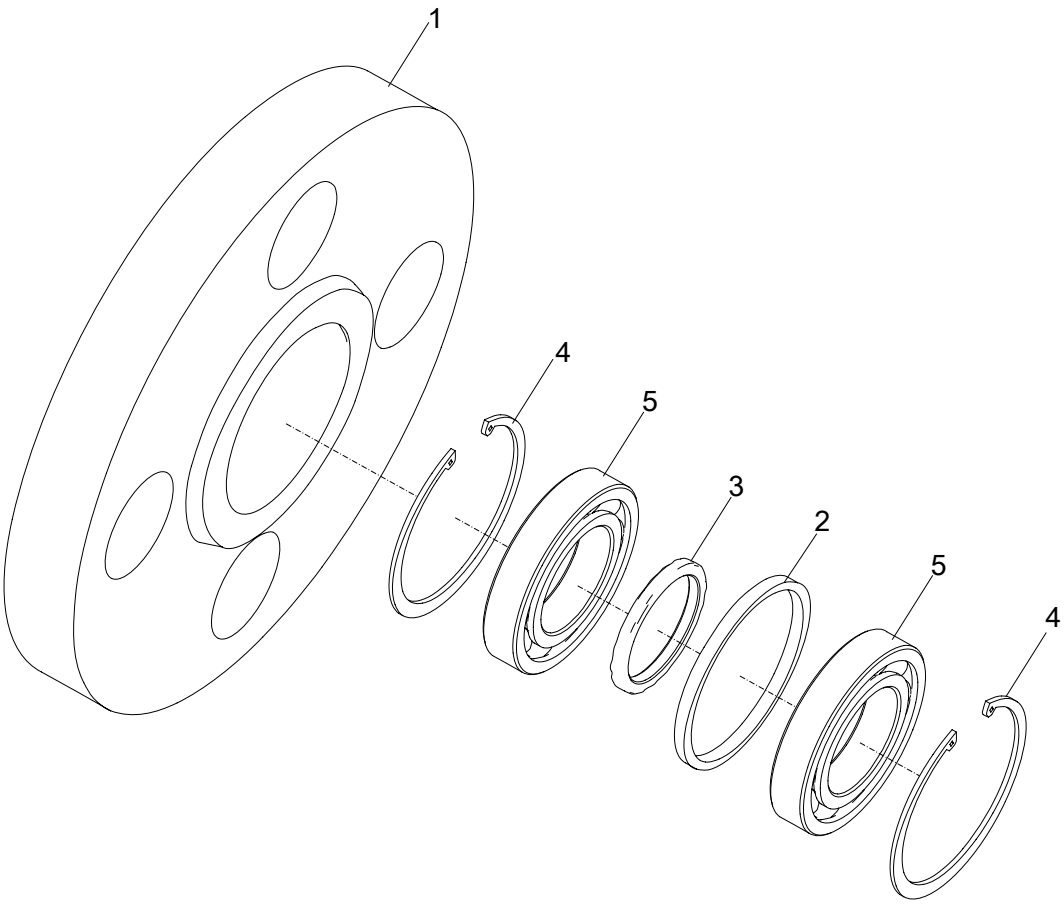
https://truckmanualshub.com/

FIXED JIB HEAD WELDED
D00663110200210000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110200210000	Fixed jib head welded		
1	00663020200411011	•Web member	4	
2	00663020200411031	•Web member	2	
3	00663020200411151	•Chord	4	
4	00663020200411041	•Web member	2	
5	00663020200411051	•Web member	2	
6	00663020200411061	•Web member	2	
7	00663020200411071	•Web member	2	
8	00663020200411081	•Web member	2	
9	00663020200411240	•Plate	2	
10	00663110200211010	•Plate	2	
11	00663020200411260	•Shaft bush	2	
12	00663110200211040	•Plate	2	
13	00663020200411270	•Plate	2	
14	00663020200411280	•Web member	2	
15	00663020200411220	•Web member	2	
16	00663020200411210	•Web member	2	
17	00663020200411200	•Web member	2	
18	00663020200411190	•Web member	2	
19	00663020200411180	•Web member	2	
20	00663020200411020	•Diagonal link	1	
21	00663200102801010	•Pin spindle	1	
22	00663000200401011	•Single hinge lug	4	
23	00663110200211020	•Attachment point	2	
24	00663000100201120	•Plate	1	
25	00663110200211050	•Plate	2	
26	00662003500211080	•Support	1	
27	00663500102401060	•Pipe	1	
28	00663300200211020	•Reinforced ring	4	
29	00663110200211030	•Plate bending	2	

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RUNNING WHEEL ASSEMBLY
D00663020200420000Y



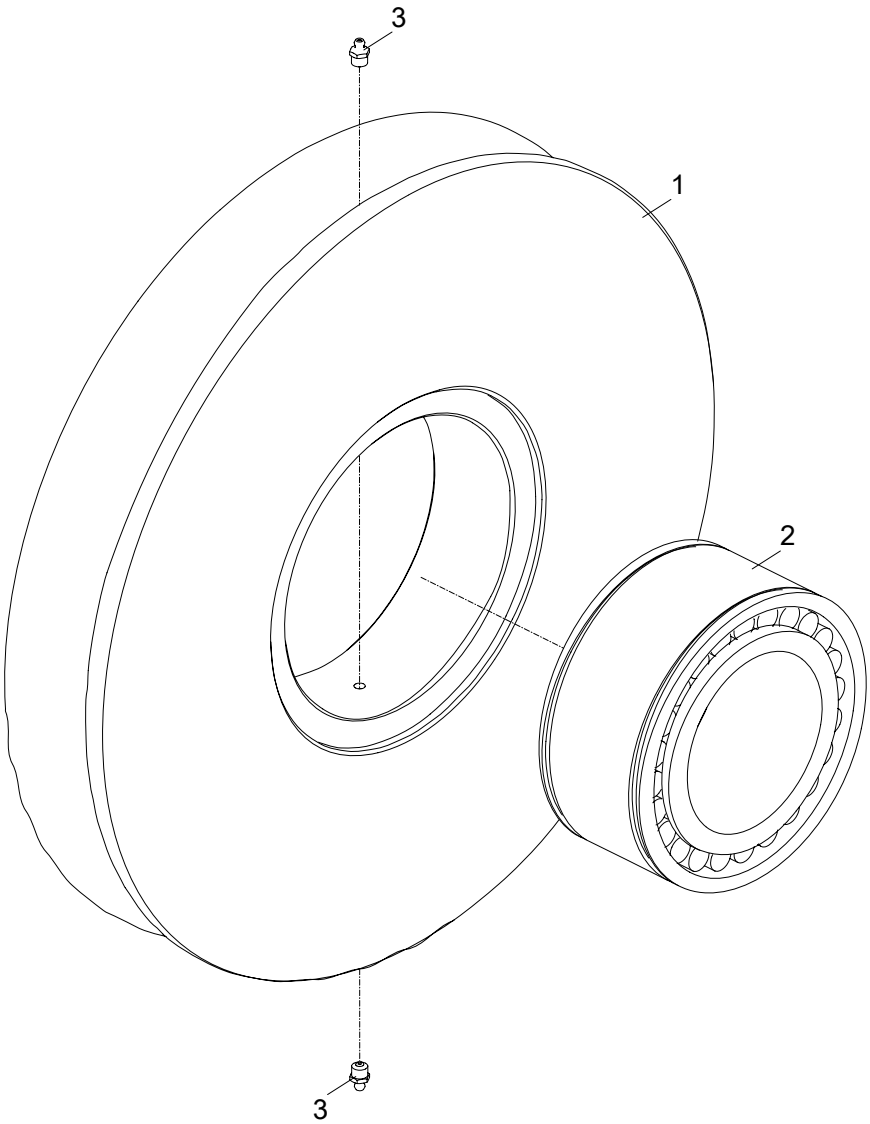
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RUNNING WHEEL ASSEMBLY
D00663020200420000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663020200420000	Running wheel assembly		
1	00663020200421010	•Running wheel	1	
2	00663300200621021	•Spacing sleeve	1	
3	00663300200621031	•Spacing sleeve	1	
4	1040300181	•Retainer ring	2	
5	1050200087	•Rolling bearing	2	

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NYLON PULLEY ASSY.
D00663110100220000Y



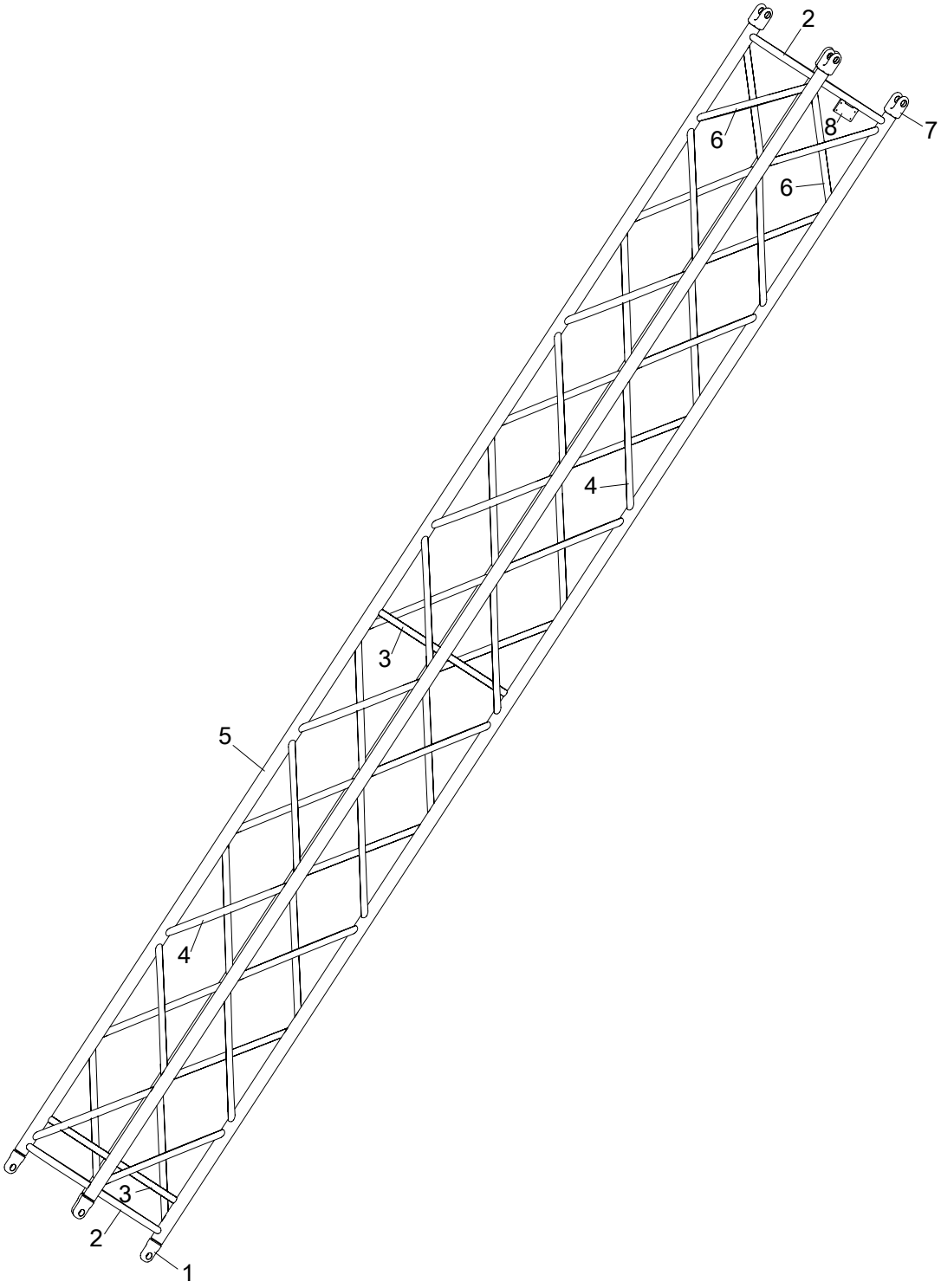
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NYLON PULLEY ASSY.
D00663110100220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100220000	Nylon pulley assy.		
1	00663110100221010	•MC pulley	1	
2	1050200952	•Double row cylindrical roller bearing	1	
3	1080000001	•Oil cup	2	
4	204110014	•Lithium-based Grease	1kg	

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6M FIXED JIB INTERMEDIATE SECTION
D00663020200600000Y



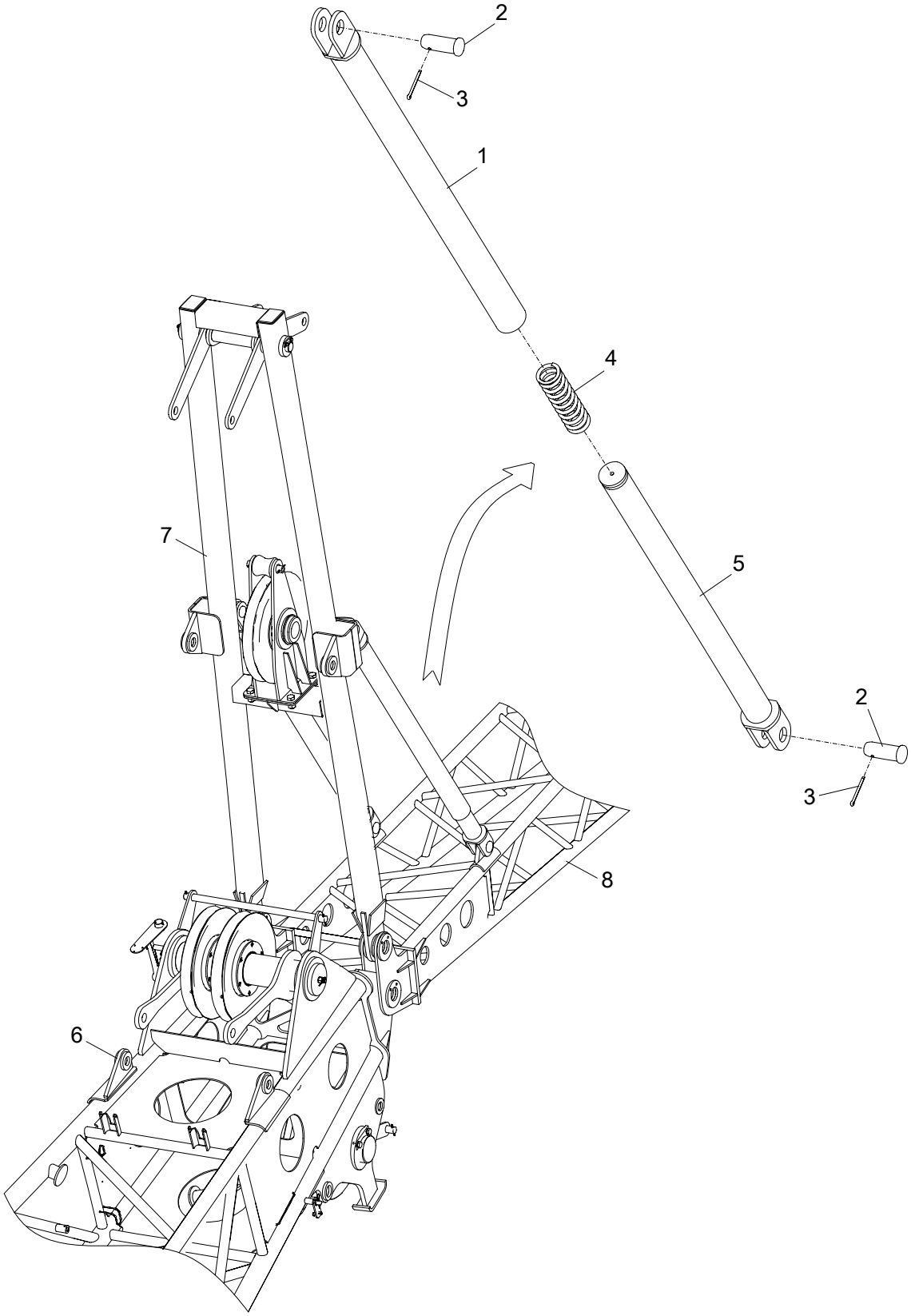
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6M FIXED JIB INTERMEDIATE SECTION D00663020200600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663020200600000	6m fixed jib intermediate section		
1	00663000200401011	•Single hinge lug	4	
2	00663020200601010	•Web member	8	
3	00663020200601020	•Diagonal link	3	
4	00663020200601030	•Web member	40	
5	00663020200601040	•Chord	4	
6	00663020200601050	•Web member	4	
7	00663000200201122	•Double hinge lug	4	
8	00663000100201120	•Plate	1	

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FRONT TILTNG-BACK SUPPORT OF FIXED JIB
D00663003100600001Y



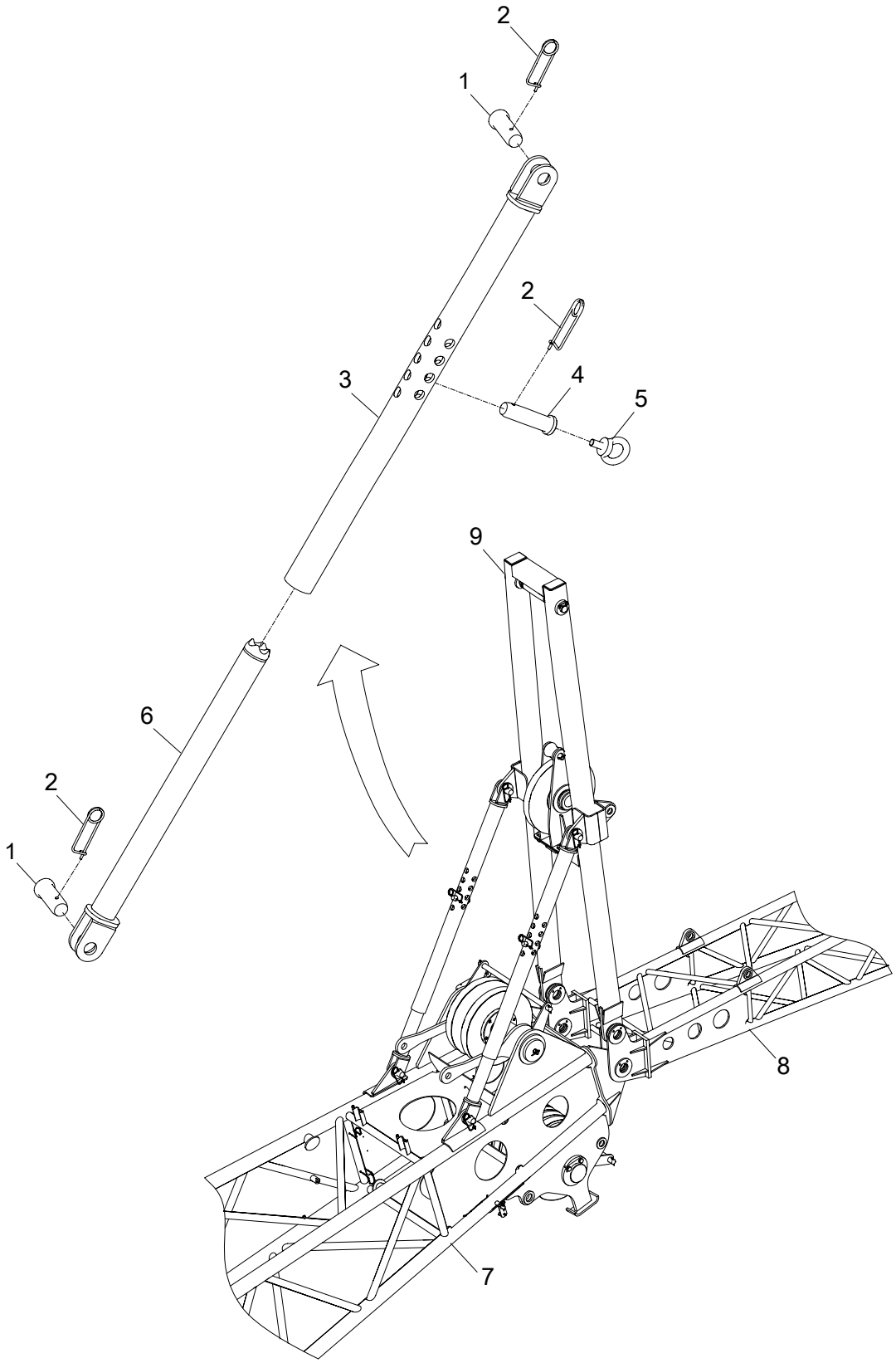
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FRONT TILTNG-BACK SUPPORT OF FIXED JIB D00663003100600001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663003100600001	Front tiltng-back support of fixed jib	2	
1	00663003100610000	•Outer tilting-back support	2	
2	00663308000001020	•Pin spindle	4	
3	1040500057	•Pin	4	
4	00663303100401010	•Spring	2	
5	00663003100620000	•Inner tilting-back support assy.	2	
6		Main boom head assy.	1	
7		FA-frame	1	
8		Fixed jib	1	

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REAR TILTING-BACK SUPPORT OF FIXED JIB
D00663053100200000Y



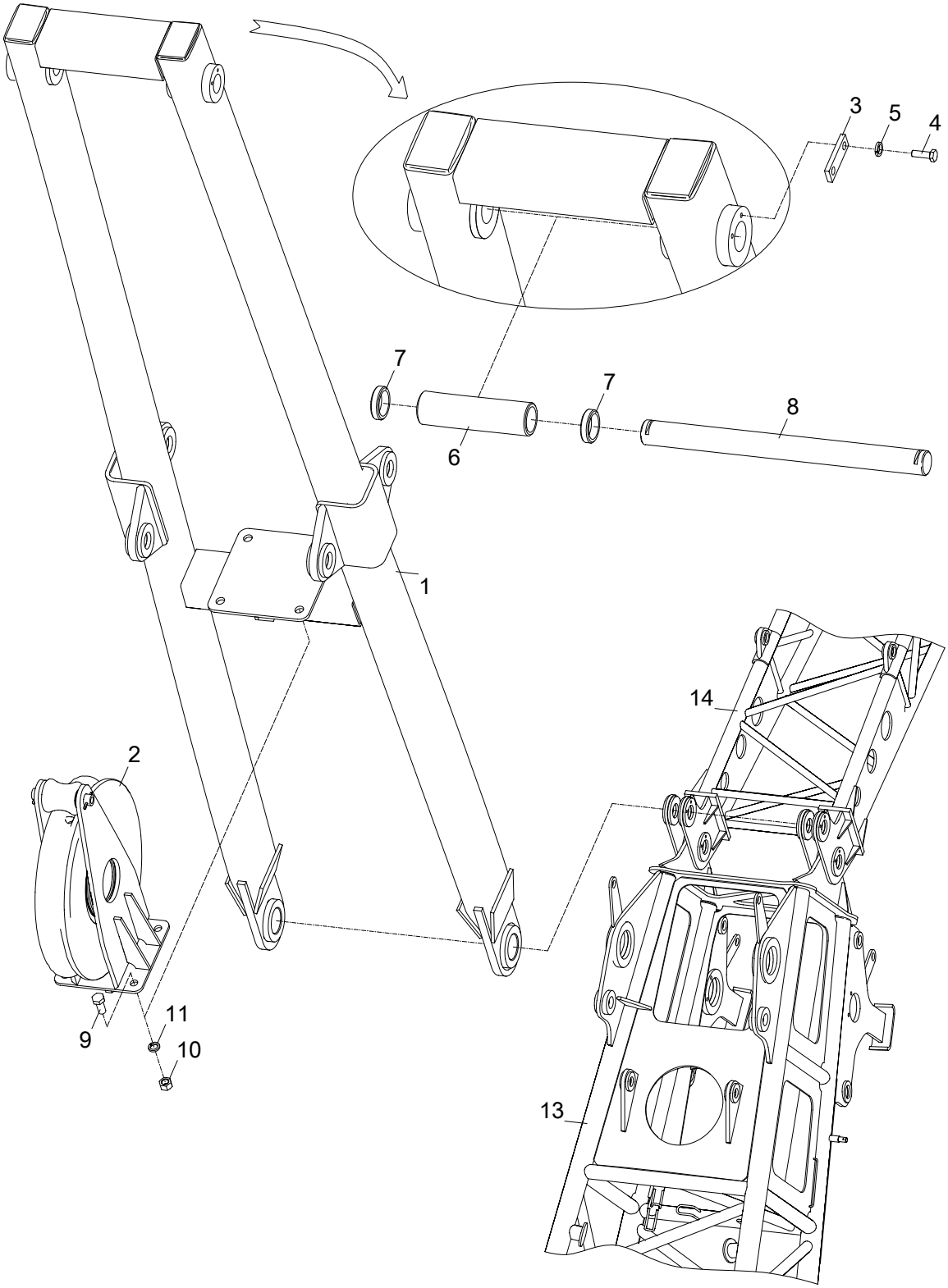
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REAR TILTING-BACK SUPPORT OF FIXED JIB D00663053100200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663053100200000	Rear tilting-back support of fixed jib	2	
1	00663003100401010	•Pin spindle	4	
2	00663604100001050	•Retaining pin	6	
3	00663053100210000	•Outer tilting-back support of fixed jib	2	
4	00663053100201010	•Pin spindle	2	
5	1040100682	•Screw	2	
6	00663053100220000	•Inner tilting-back support of fixed jib	2	
7		Fixed jib head	1	
8		Fixed jib pivot section	1	
9		FA-frame	1	

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FA-FRAME
D00663117800000000Y



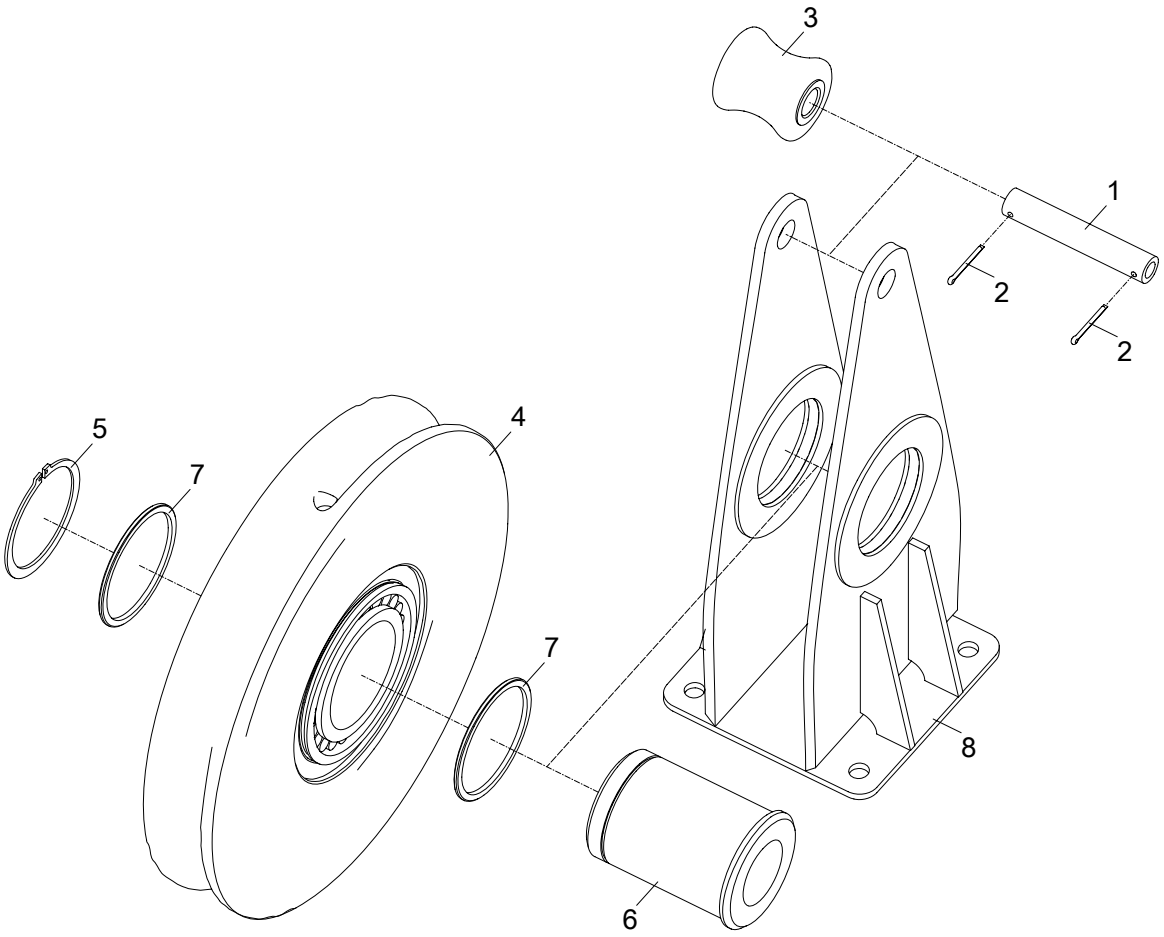
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FA-FRAME
D00663117800000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117800000000	FA-frame		
1	00663117800200000	•FA-frame welded	1	
2	00663117800400000	•Driven sprocket assy.	1	
3	006340000104	•Retaining plate (45)	2	
4	1040000288	•Bolt	4	
5	1040300063	•Washer	4	
6	00663027800001010	•Shaft bush	1	
7	00663027800001040	•Shaft bush	2	
8	00663027800001030	•Shaft	1	
9	1040000051	•Bolt	4	
10	1040200097	•Nut	4	
11	1040300038	•Washer	4	
12	204110014	•Lithium-based Grease	0.5kg	
13	00663110100210000	Main boom head welded	1	
14		Fixed jib pivot section	1	

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DRIVEN SPROCKET ASSY.
D00663117800400000Y



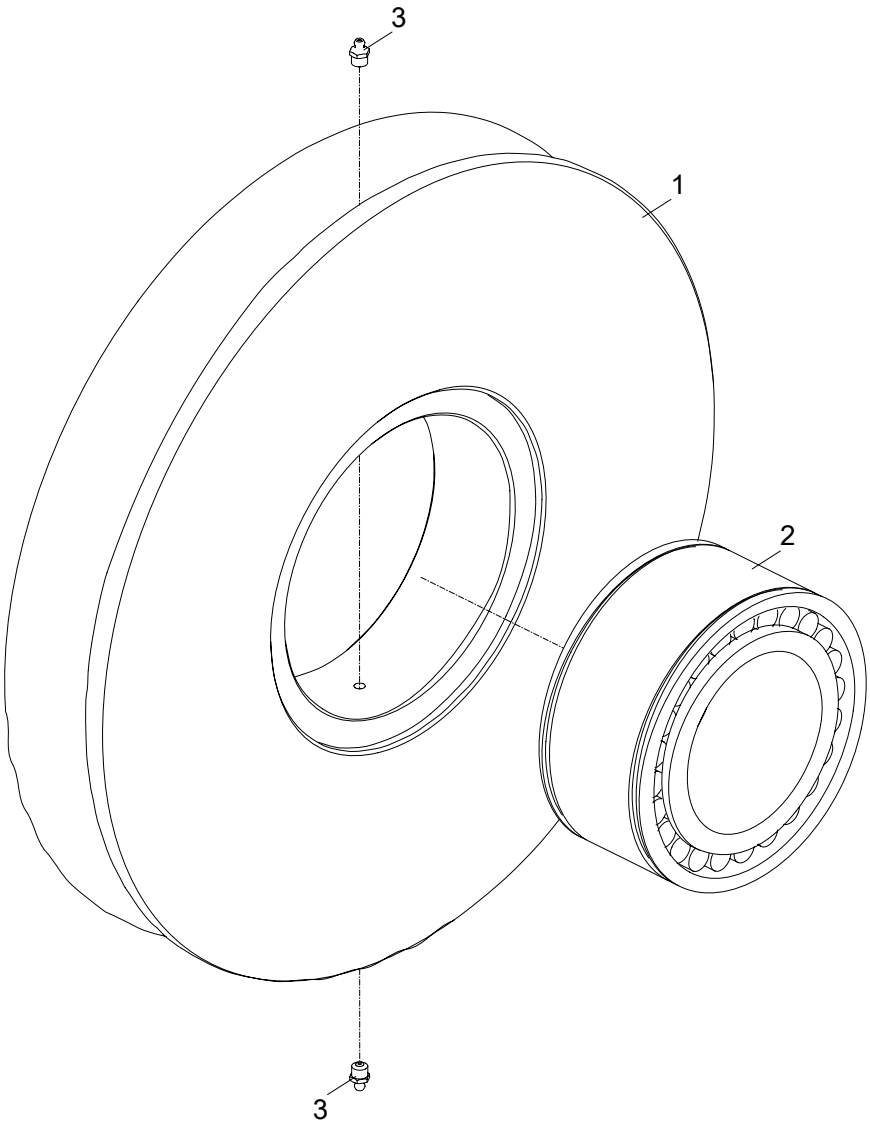
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DRIVEN SPROCKET ASSY.
D00663117800400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117800400000	Driven sprocket assy.		
1	00663308000001030	•Pipe	1	
2	1040500057	•Pin	2	
3	00663606600001140	•Guide roller	1	
4	00663110100220000	•Nylon pulley assy.	1	
5	1040300107	•Retainer ring	1	
6	00663308000001040	•Shaft	1	
7	00663306601001071	•Spacing sleeve	2	
8	00663117800410000	•Pulley support	1	
9	204110014	•Lithium-based Grease	0.5kg	

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NYLON PULLEY ASSY.
D00663110100220000Y



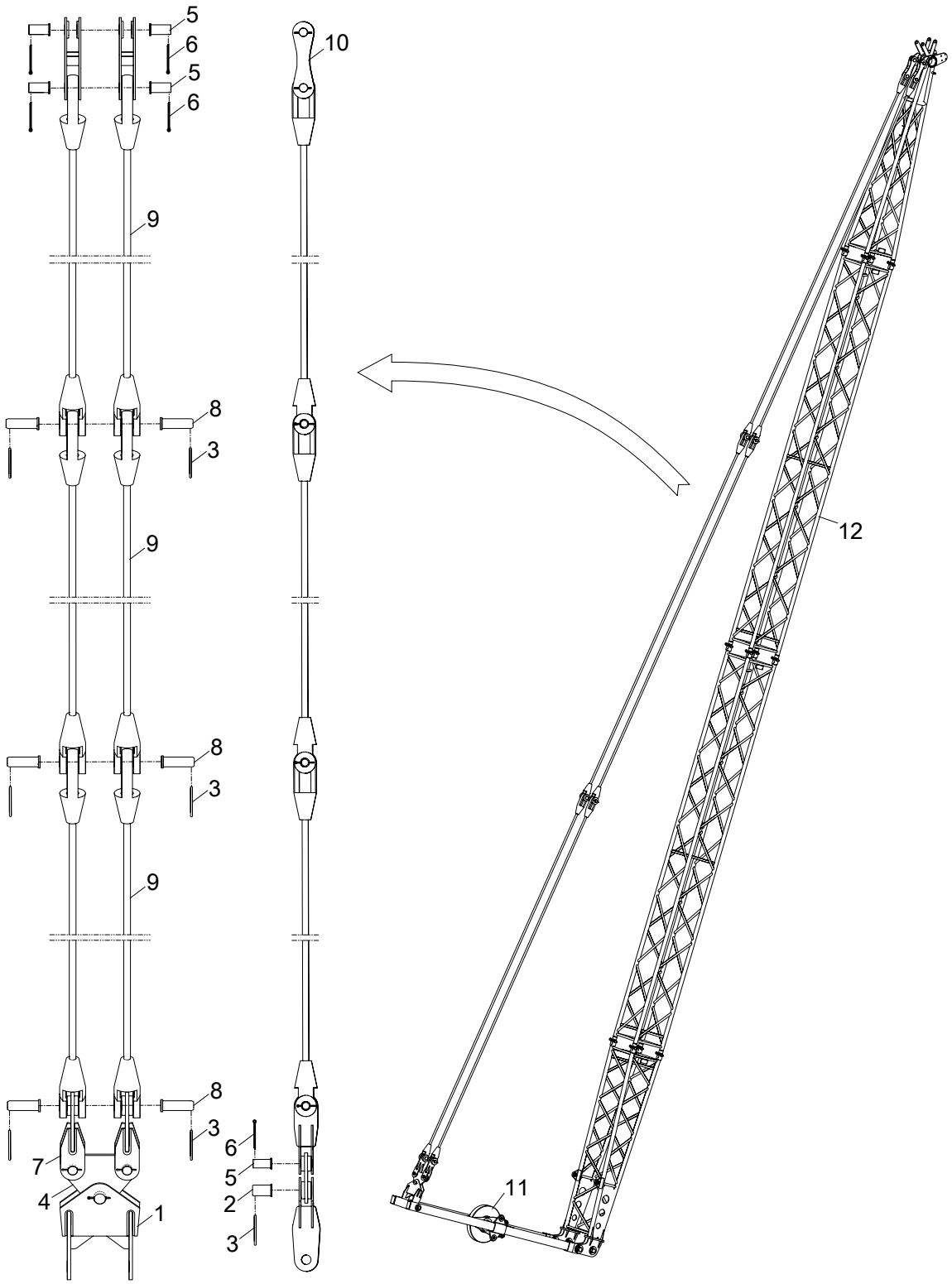
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NYLON PULLEY ASSY.
D00663110100220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110100220000	Nylon pulley assy.		
1	00663110100221010	•MC pulley	1	
2	1050200952	•Double row cylindrical roller bearing	1	
3	1080000001	•Oil cup	2	
4	204110014	•Lithium-based Grease	1kg	

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FIXED JIB FRONT GUY LINES
D006631154006000000Y



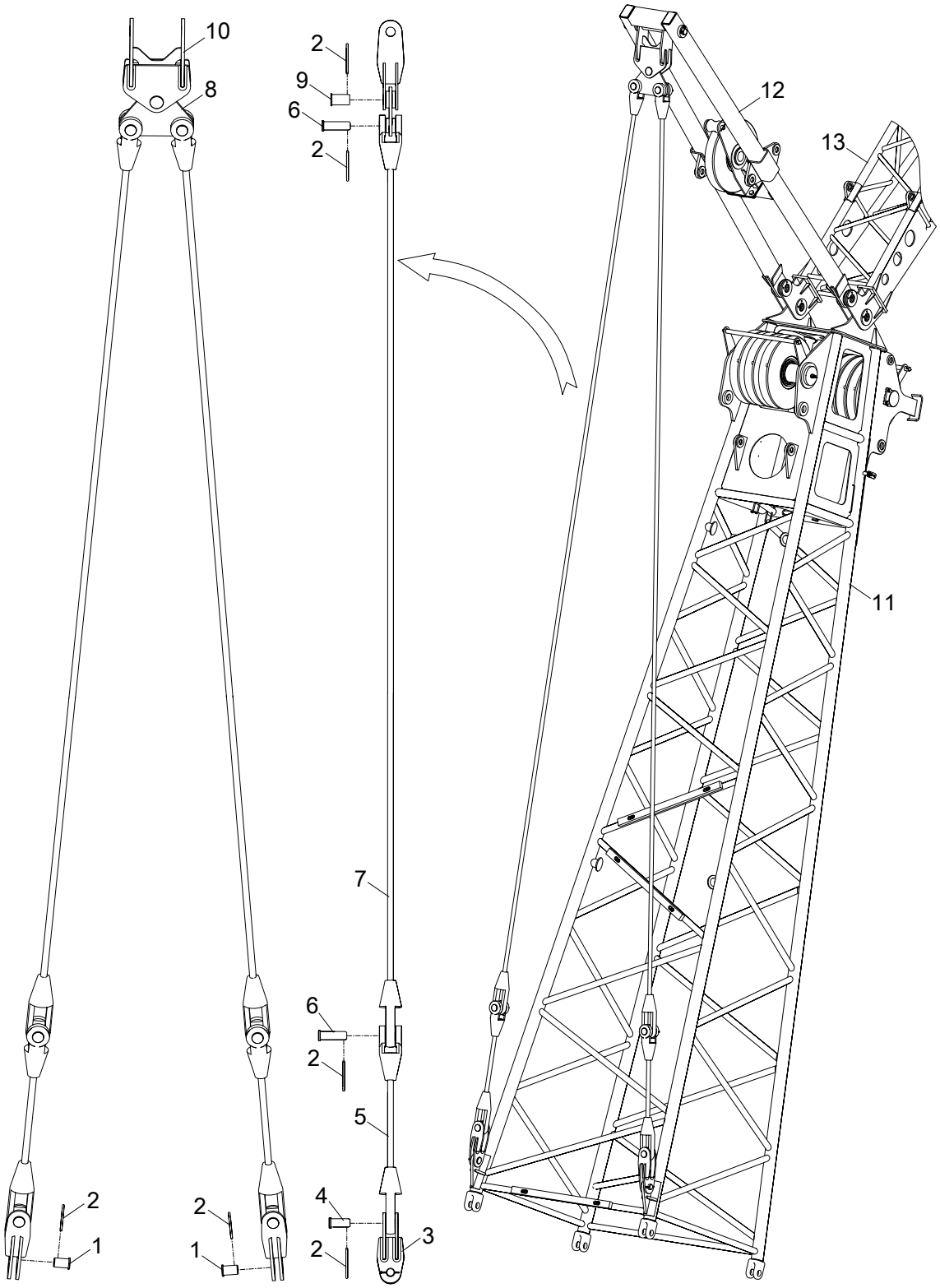
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FIXED JIB FRONT GUY LINES
D00663115400600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663115400600000	Fixed jib front guy lines		
1	00663115400610000	•Balance beam	1	
2	00663302000001100	•Pin spindle	1	
3	1040500173	•Pin	7	
4	00663115400420000	•Balance beam	1	
5	00663601900001041	•Pin spindle	6	
6	1040500047	•Pin	6	
7	00663115400620000	•Cross coupling	2	
8	00663115400401010	•Pin spindle	6	
9	1090100775	•Guy line	6	
10	00663115400630000	•Double anchoring rod	2	
11	00663117800000000	FA-frame	1	
12	00663110200000000	Fixed jib	1	

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FIXED JIB REAR GUY LINES
D00663115400400000Y



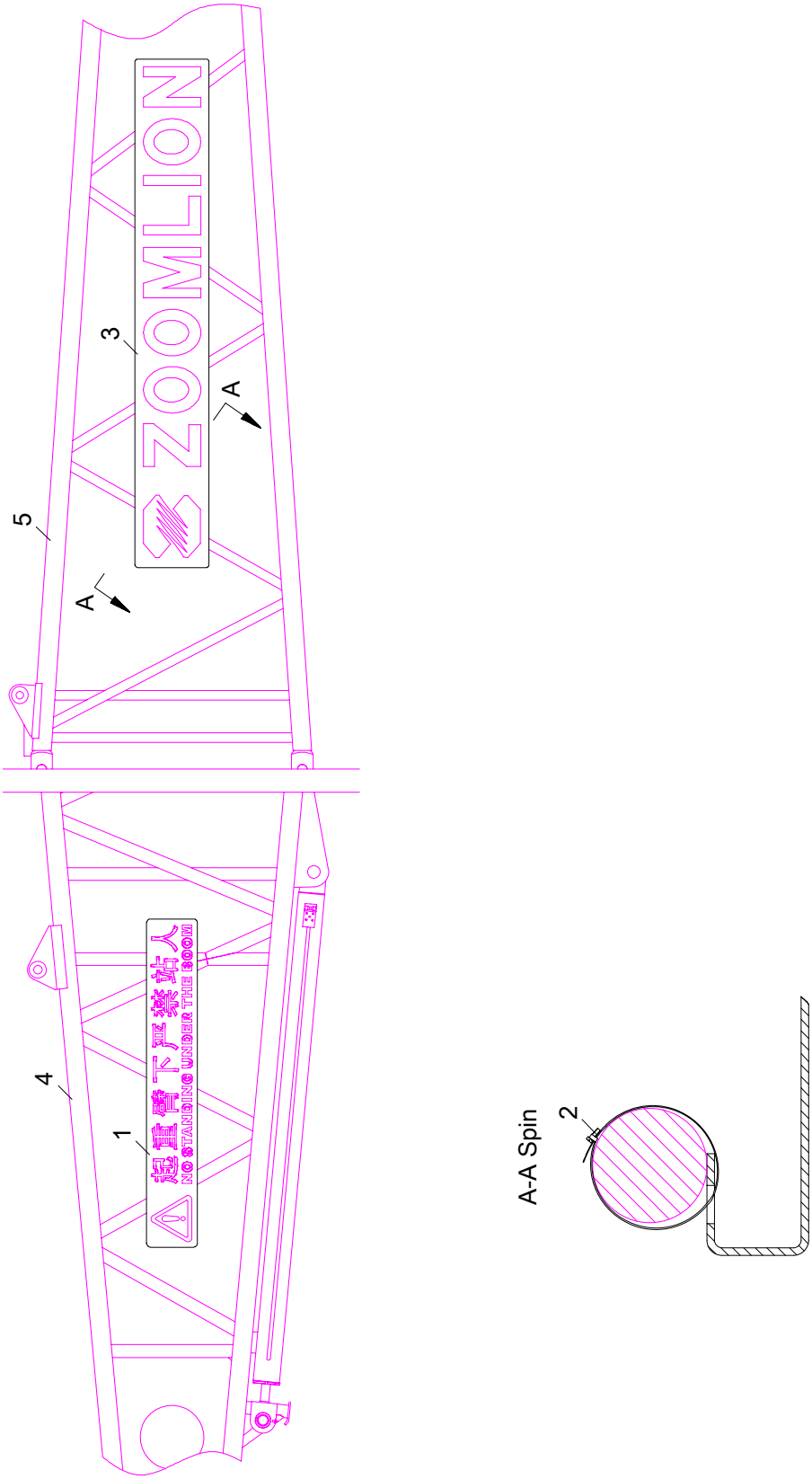
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FIXED JIB REAR GUY LINES
D00663115400400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663115400400000	Fixed jib rear guy lines		
1	00663603300001020	•Pin spindle	2	
2	1040500173	•Pin	9	
3	00663115400410000	•Cross coupling	2	
4	00663115400401020	•Pin spindle	2	
5	1090100774	•Guy line	2	
6	00663115400401010	•Pin spindle	4	
7	1090100776	•Guy line	2	
8	00663115400420000	•Balance beam	1	
9	00663302000001100	•Pin spindle	1	
10	00663115400430000	•Balance beam	1	
11	00663110100200000	Main boom head assy.	1	
12	00663117800000000	FA-frame	1	
13		FA-frame pivot section assy.	1	

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INSTALLATION OF SIGNBOARD
D00663114700400000Y



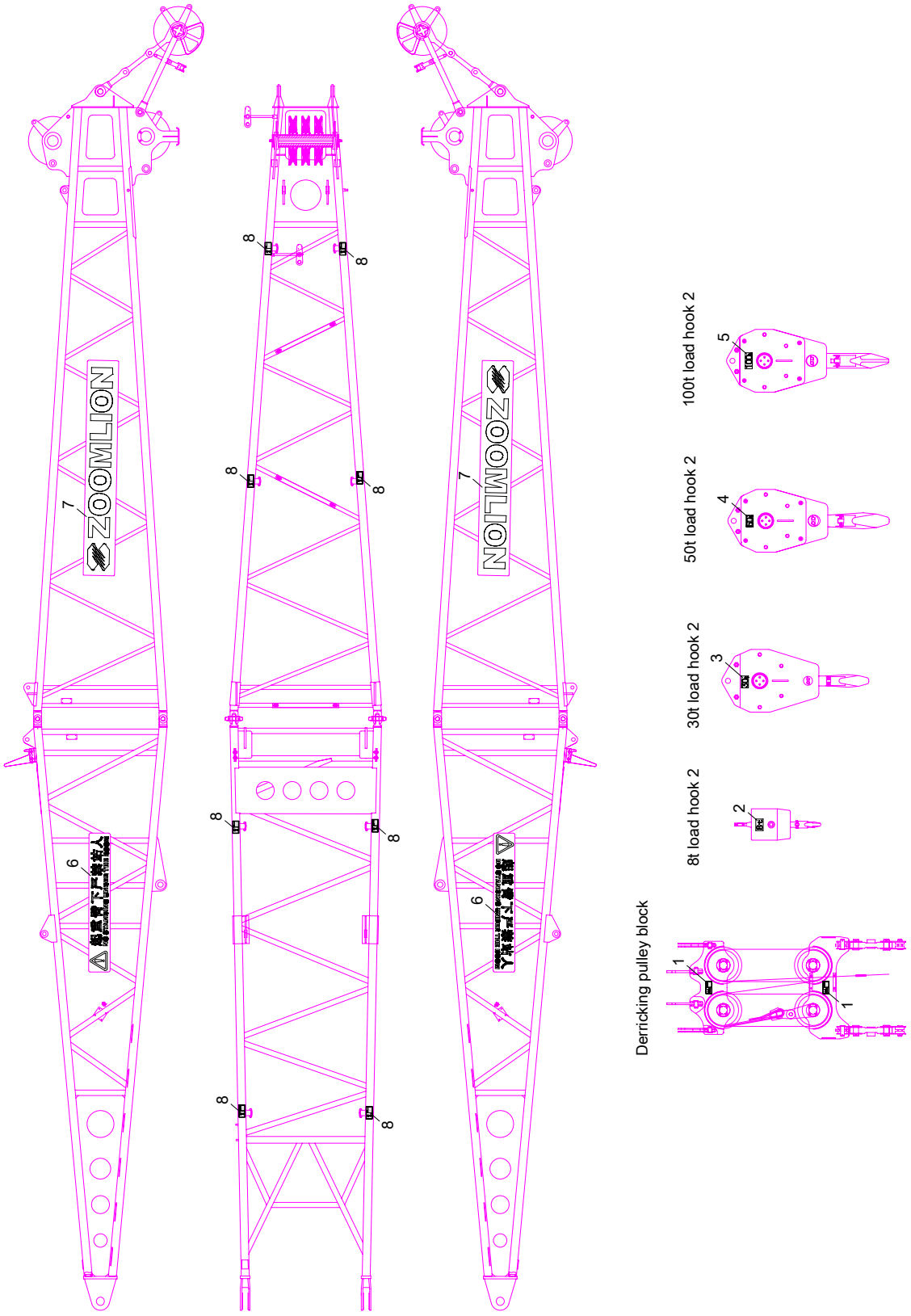
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INSTALLATION OF SIGNBOARD D00663114700400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114700400000	Installation of signboard		
1	00663304701401010	•Sign board	2	
2	1990200528	•Worm clamp	20	
3	00663004701801010	•Sign board	2	
4	00663110100400000	Main boom pivot section assy.	1	
5	00663110100200000	Main boom head assy.	1	

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INSTALLATION OF SIGNS ON THE BOOM FRAME
D00663117000400000Y



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INSTALLATION OF SIGNS ON THE BOOM FRAME D00663117000400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117000400000	Installation of signs on the boom frame		
1	00663117000601040	•Caution sign	2	
2	00663027000001020	•Hook sign (8T)	2	
3	00663107000001130	•Hook sign	2	
4	00663107000001140	•Hook sign	2	
5	00663107000001120	•Hook sign	2	
6	00663000000004081	•Safety sign II	2	
7	00663007000001012	•Company identity (English)	2	
8	00663117000401010	•Hint sign	8	

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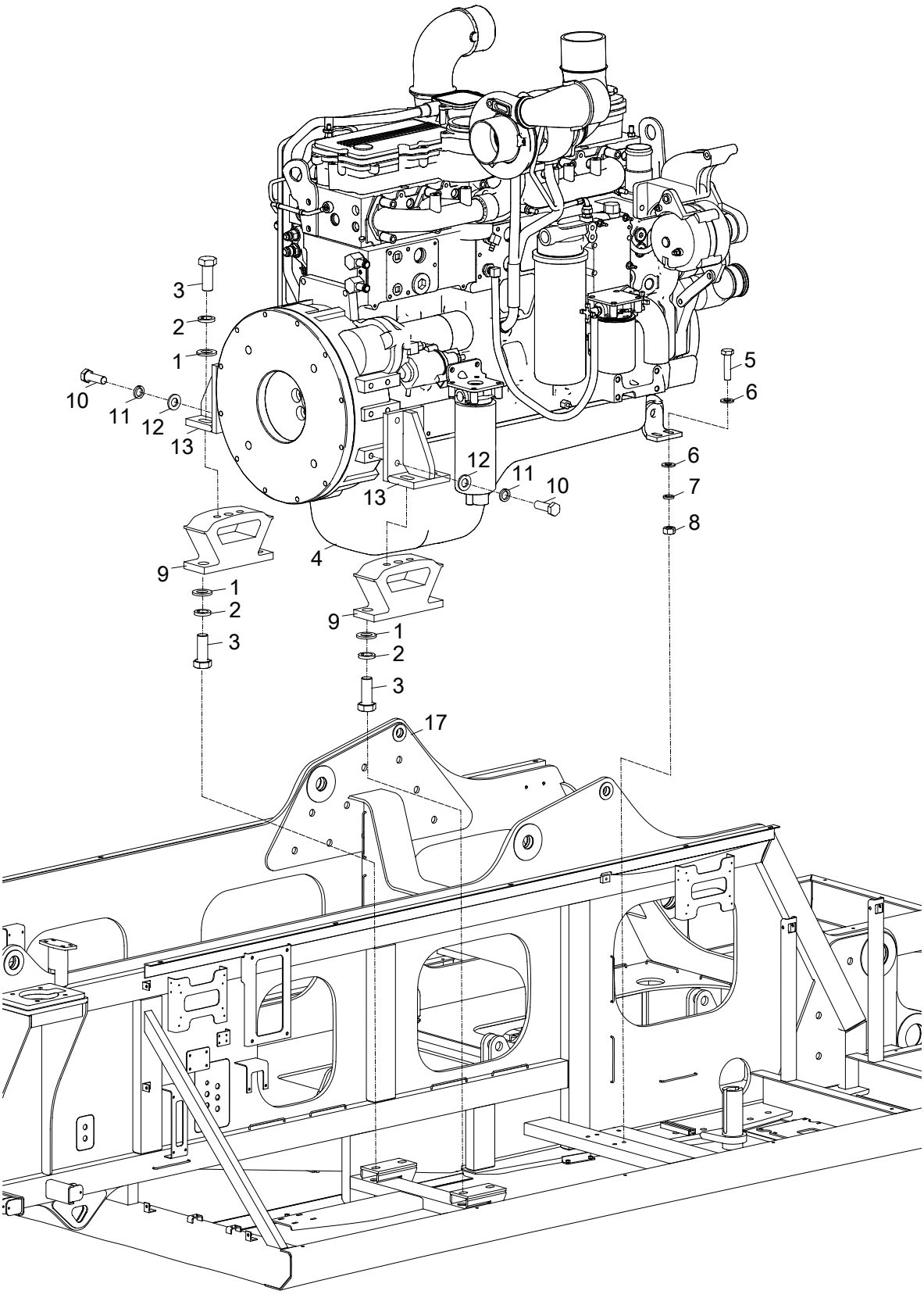
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 3 POWER SYSTEM

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ENGINE ASSEMBLY
D00663111000000000Y



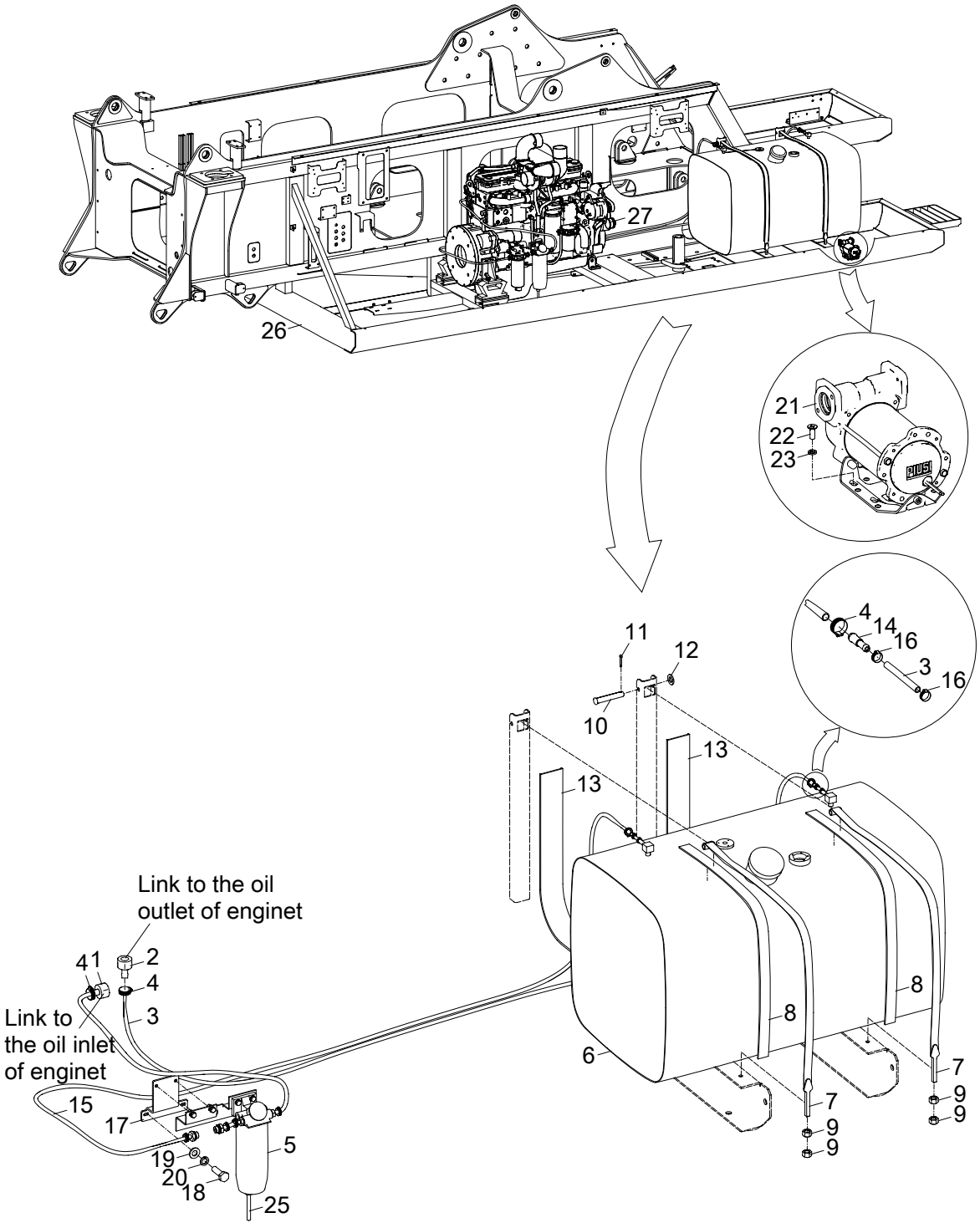
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ENGINE ASSEMBLY
D00663111000000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111000000000	Engine assembly		
1	1040000061	•Bolt	8	
2	1040300052	•Washer	8	
3	1040300065	•Washer	8	
4	1000000014	•Diesel engine	1	
5	1040000152	•Bolt	4	
6	1040300061	•Washer	8	
7	1040300067	•Washer	4	
8	1040200113	•Nut	4	
9	1001500001	•Wedge support assy.	2	
10	1040000094	•Bolt	8	
11	1040300041	•Washer	8	
12	1040300054	•Washer	8	
13	00663201000200000	•Engine rear support	2	
14	204100001	•Diesel oil	23L	
15	202270003	•FD-1 multi-purpose antifreeze fluid	52L	
16	202230016	•Loctite glue	0.1kg	
17	00663110400000000	Slewing table attachments welded	1	

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FUEL SUPPLY SYSTEM
D00663111100000000Y



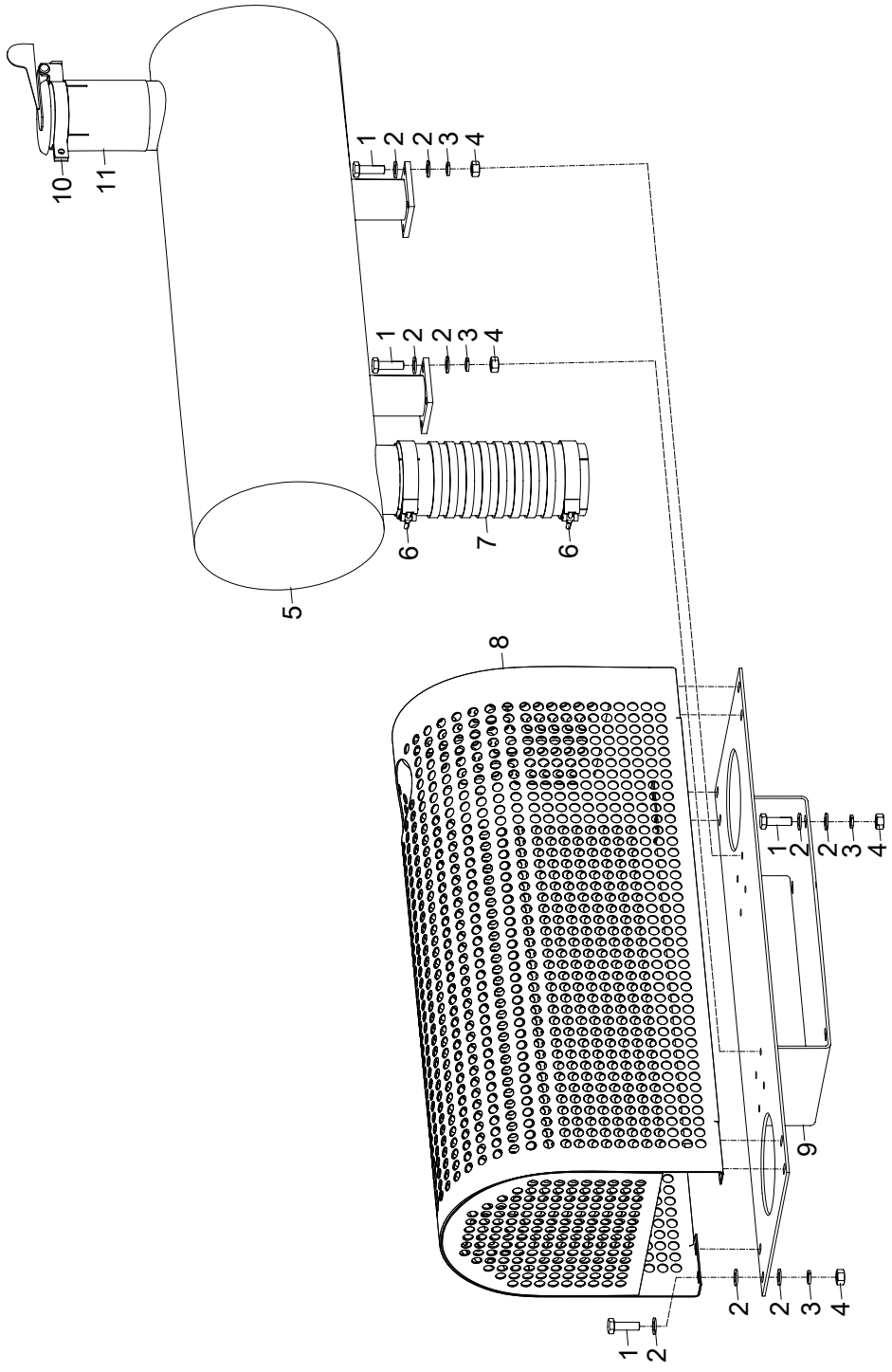
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FUEL SUPPLY SYSTEM
D00663111100000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111100000000	Fuel supply system		
1	00663021100001010	•Fitting	1	
2	00663021100001020	•Fitting	1	
3	00663021100001030	•Oil delivery hose	1	
4	1990200518	•Worm clamp	6	
5	00663111100600000	•Fuel pre-filter pre-assembly	1	
6	00663111100400000	•Fuel tank	1	
7	00663111100200000	•Fastening belt	2	
8	1990300002	•Rubber pad	2	
9	1040200096	•Nut	4	
10	1040500108	•Pin	2	
11	1040500075	•Pin	2	
12	1040300041	•Washer	2	
13	00663111100001010	•Shock absorbing strap	2	
14	00663021100200000	•Transition fitting	2	
15	00663021100001090	•Oil delivery hose	1	
16	1990200517	•Worm clamp	4	
17	00663021100001080	•Plate	1	
18	1040000288	•Bolt	2	
19	1040300066	•Washer	2	
20	1040300063	•Washer	2	
21	1000400006	•DC fuel pump	1	
22	1040100149	•Screw	4	
23	1040300062	•Washer	4	
24	1990200010	•Nylon strap	10	
25	00663111100001020	•Water drainage pipe	1	
26	00663110400000000	Slewing table attachments welded	1	
27	00663111000000000	Engine assembly	1	

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EXHAUST SYSTEM
D00663111200000000Y



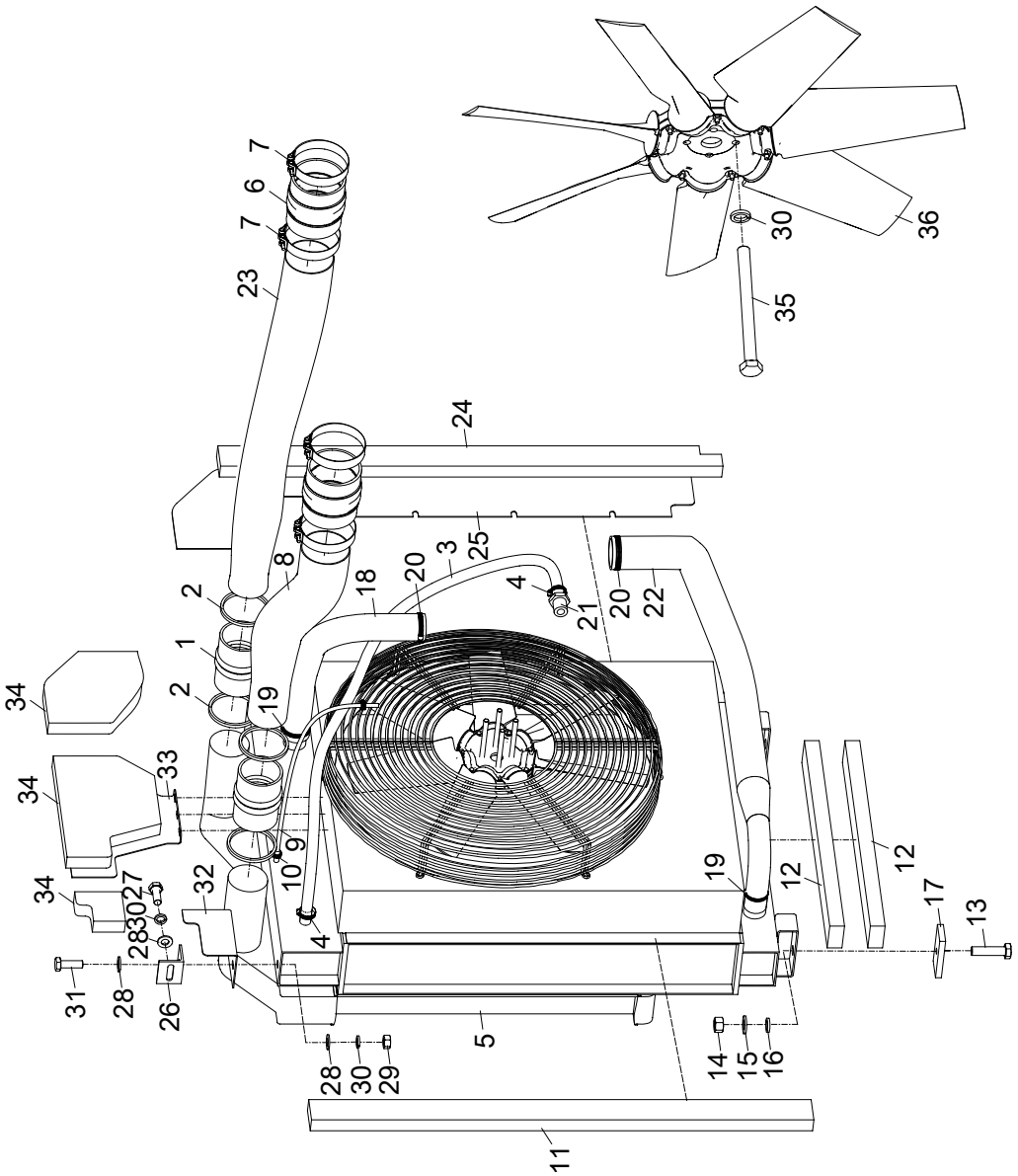
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EXHAUST SYSTEM
D00663111200000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111200000000	Exhaust system		
1	1040000288	•Bolt	20	
2	1040300066	•Washer	48	
3	1040300063	•Washer	20	
4	1040200183	•Nut	20	
5	1000200081	•Silencer assy.	1	
6	1990200523	•Intercooler clamp	2	
7	00663111200001010	•Corrugated exhaust pipe	1	
8	00663021200200001	•Protective cover	1	
9	00663111200200000	•Support	1	
10	00663001200400000	•Rainproof cap assy.	1	
11	00663111200001020	•Exhaust pipe	1	

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COOLING SYSTEM
D00663111300000000Y



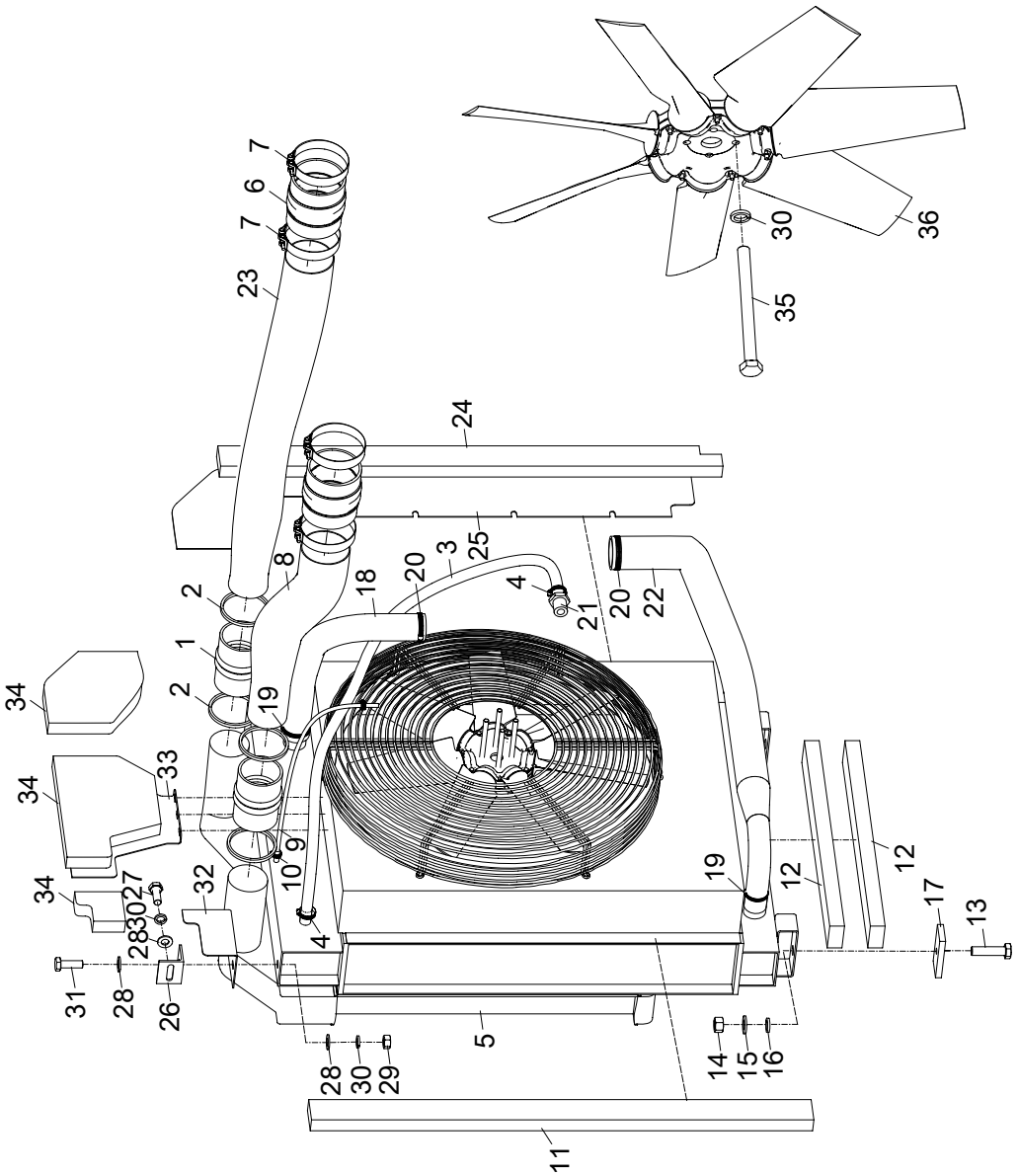
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COOLING SYSTEM
D00663111300000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111300000000	Cooling system		
1	1140202822	•Multi-layer corrugated pipe	2	
2	1990200522	•Intercooler clamp	4	
3	00663021300001020	•Water tank hose	1	
4	1990200519	•Worm clamp	2	
5	1000300334	•Protective grille	1	
6	1001400022	•Multi-layer corrugated pipe	2	
7	1990200524	•Clamp for intercooler	4	
8	1000100138	•Air intake pipe of engine	1	
9	00663021300001030	•Water tank hose	1	
10	1990200527	•Worm clamp	2	
11	00663051310001030	•Sound absorption cotton	1	
12	00660511300001060	•Sound absorption cotton	2	
13	1040000169	•Bolt	2	
14	1040200096	•Nut	2	
15	1040300041	•Washer	2	
16	1040300054	•Washer	2	
17	00663001300001030	•Buffer block of water tank	2	
18	1000300129	•Water outlet pipe	1	
19	1990200528	•Worm clamp	2	
20	1990200529	•Worm clamp	2	
21	00663021300001010	•Fitting	1	
22	1000300156	•Water inlet pipe	1	
23	1000500044	•Air intake pipe of intercooler	1	
24	00663111300001050	•Sound absorption cotton	1	
25	00663111300001010	•Right seal plate	1	
26	00663111300001060	•Plate bending	1	
27	1040000114	•Bolt	1	
28	1040300061	•Washer	3	
29	1040200113	•Nut	1	
30	1040300067	•Washer	6	
31	1040000090	•Bolt	1	
32	00663111300001020	•Left seal plate	1	
33	00663111300001030	•Seal plate	1	
34	00663051310001090	•Sound absorption cotton	1	

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COOLING SYSTEM
D00663111300000000Y



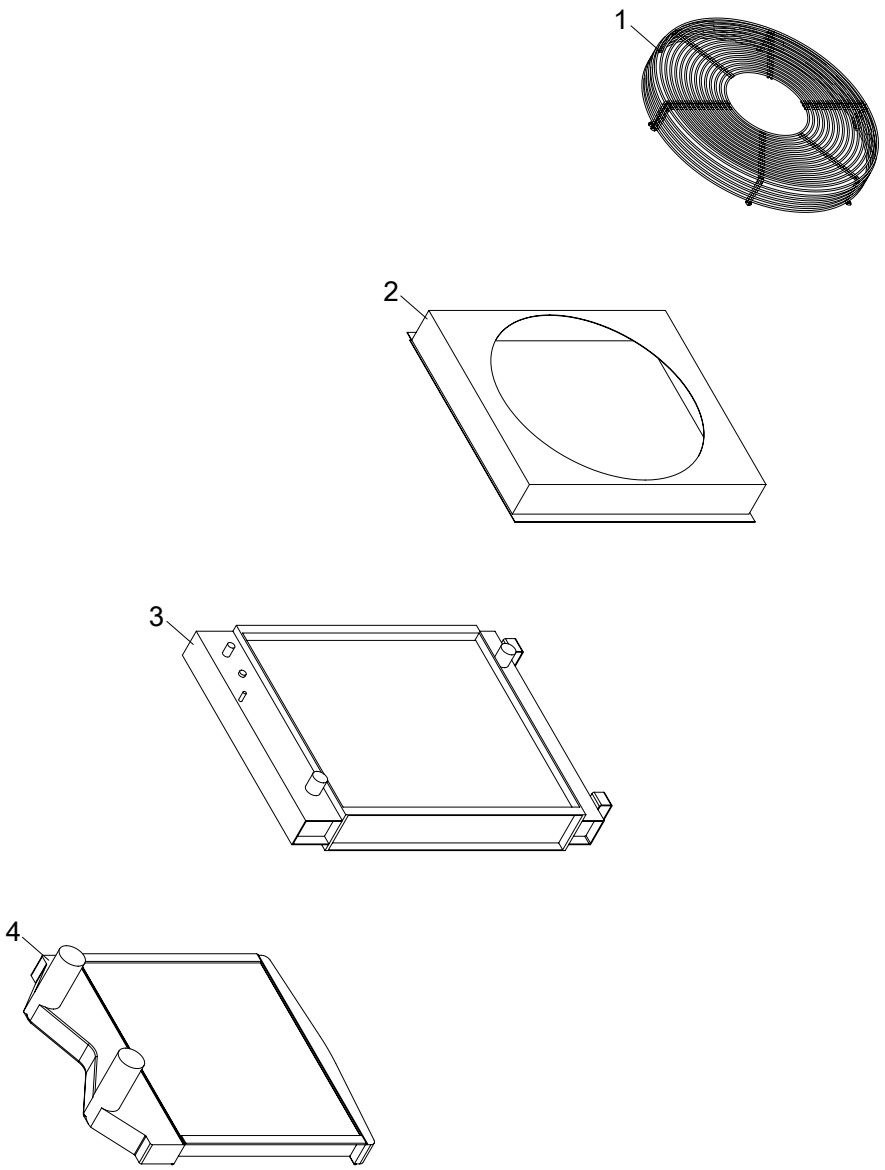
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COOLING SYSTEM
D00663111300000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1040000208	•Bolt	4	
36	1000300052	•Fan	1	
37	1990200001	•Nylon strap	10	

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RADIATOR ASSY.
D1000300334_100026Y



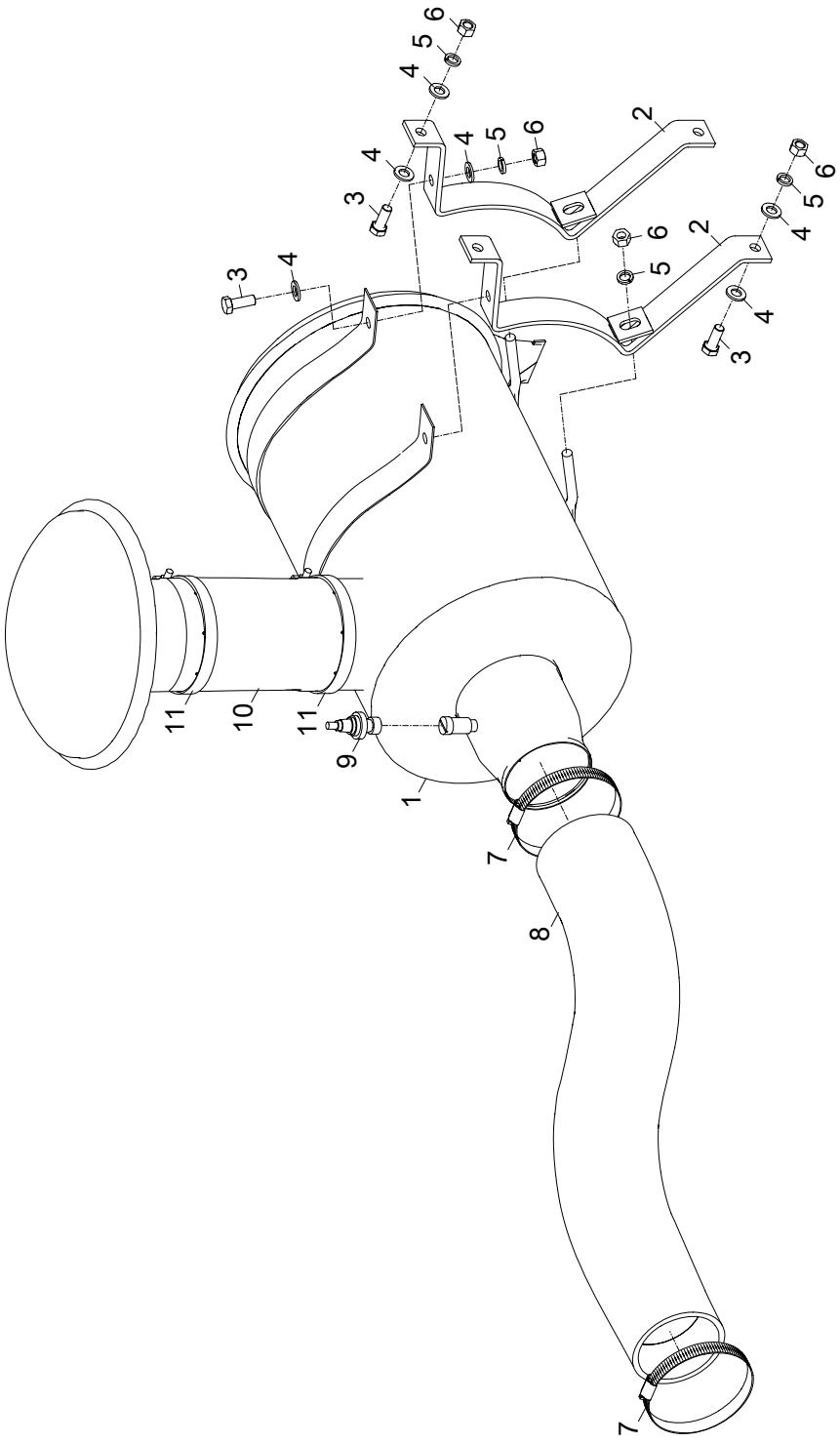
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RADIATOR ASSY.
D1000300334_100026Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1000300334	Radiator assy.		
1	1009804361	•Protective grille	1	
2	1009803633	•Air guide cover	1	
3	1009803632	•Water radiator	1	
4	1009803631	•Intercooler	1	

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AIR INTAKE SYSTEM
D006631114000000000Y



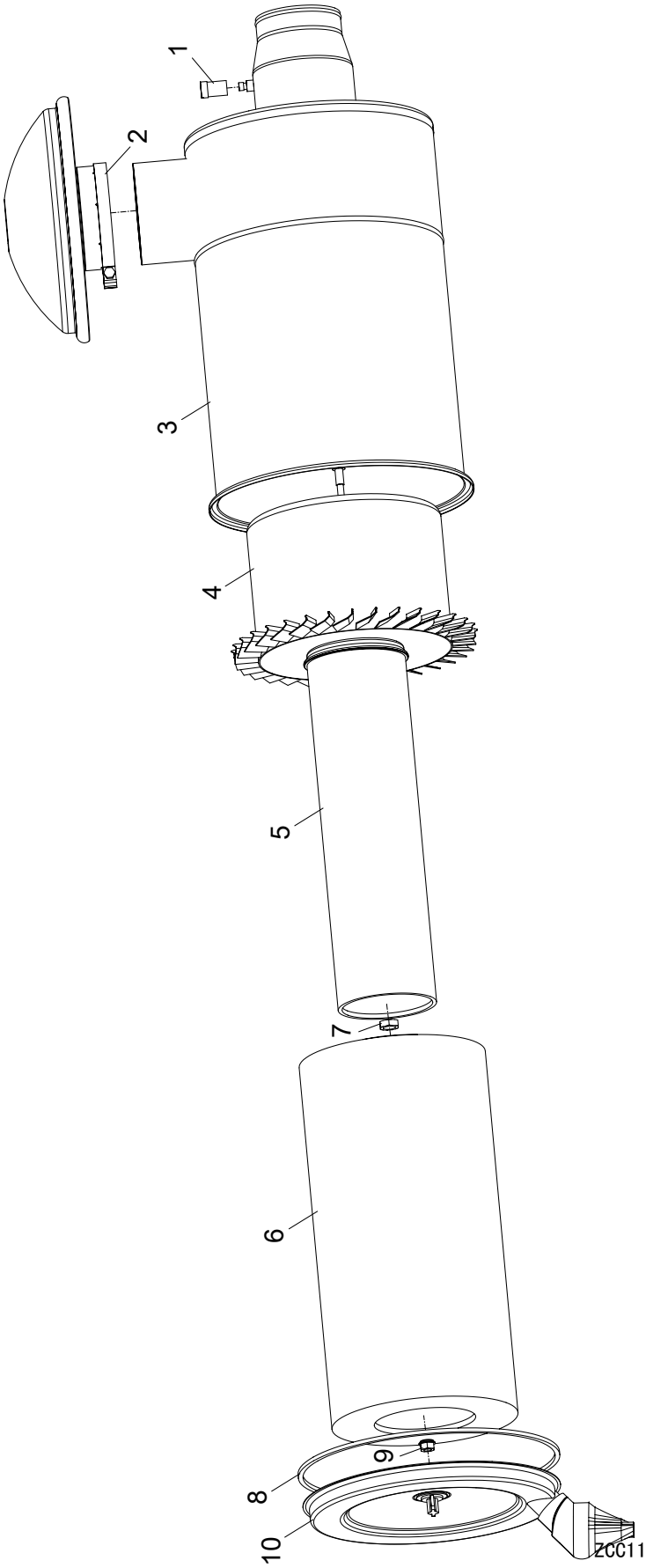
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AIR INTAKE SYSTEM
D00663111400000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111400000000	Air intake system		
1	1000100012	•Compound air filter assy.	1	
2	00663051400200000	•Air filter support	2	
3	1040000108	•Bolt	6	
4	1040300041	•Washer	12	
5	1040300054	•Washer	8	
6	1040200096	•Nut	8	
7	1990200648	•Worm clamp	2	
8	00663111400001010	•Air suction pipe	1	
9	1000100013	•Air filter maintenance indicator	1	
10	00663051400001010	•Air intake pipe	1	
11	1990200513	•T-shaped clamp (without spring)	2	
12	00663001400800000	•Fastening belt	2	

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COMPOUND AIR FILTER ASSY.
D1000100012_100007Y



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COMPOUND AIR FILTER ASSY.
D1000100012_100007Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1000100012	Compound air filter assy.		
1	1000100013	•Air filter maintenance indicator	1	
2	1009803754	•Rainproof cap	1	
3	(1)	•Housing	1	
4	(2)	•Impeller	1	
5	1009803752	•Inner filter cartridge	1	
6	1009803753	•Outer filter cartridge	1	
7	1040201414	•Nut	1	
8	(3)	•Combination nut	1	
9	(4)	•Sealing washer	1	
10	(5)	•Rear cover	1	

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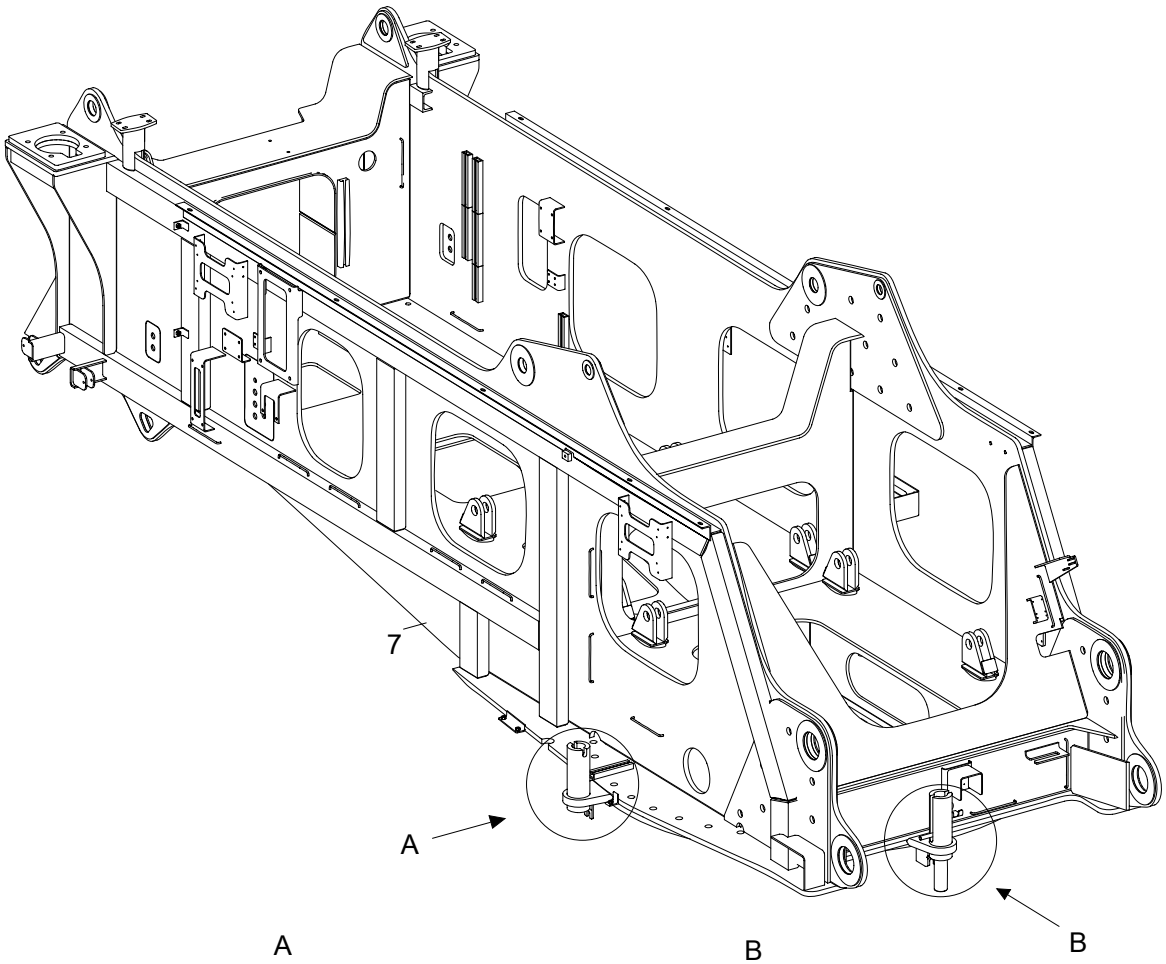
ZOOMLION

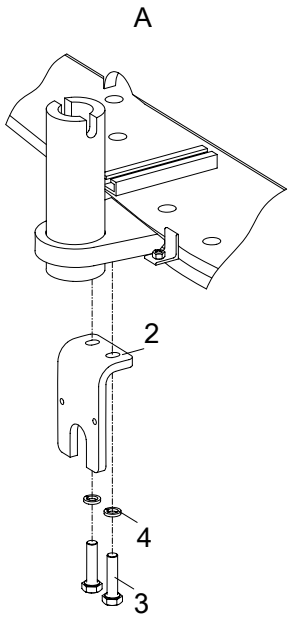
SPARE PARTS CATALOG FOR CRAWLER CRANE

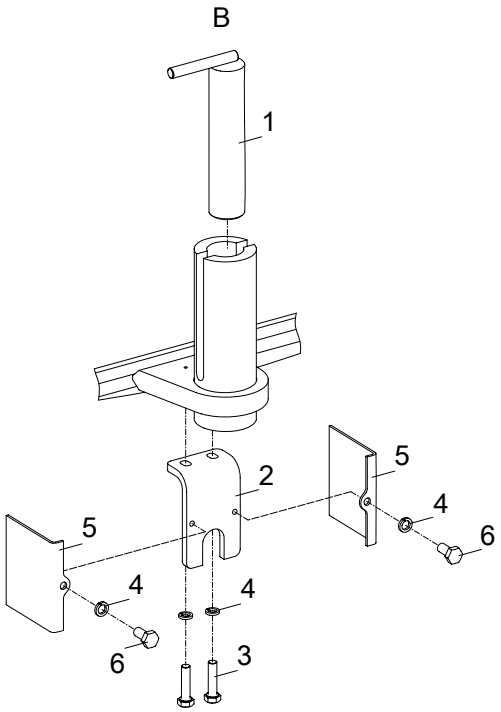
CHAPTER 4 SLEWING TABLE SYSTEM

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FIXING DEVICE FOR SLEWING TABLE
D00663114700200000Y







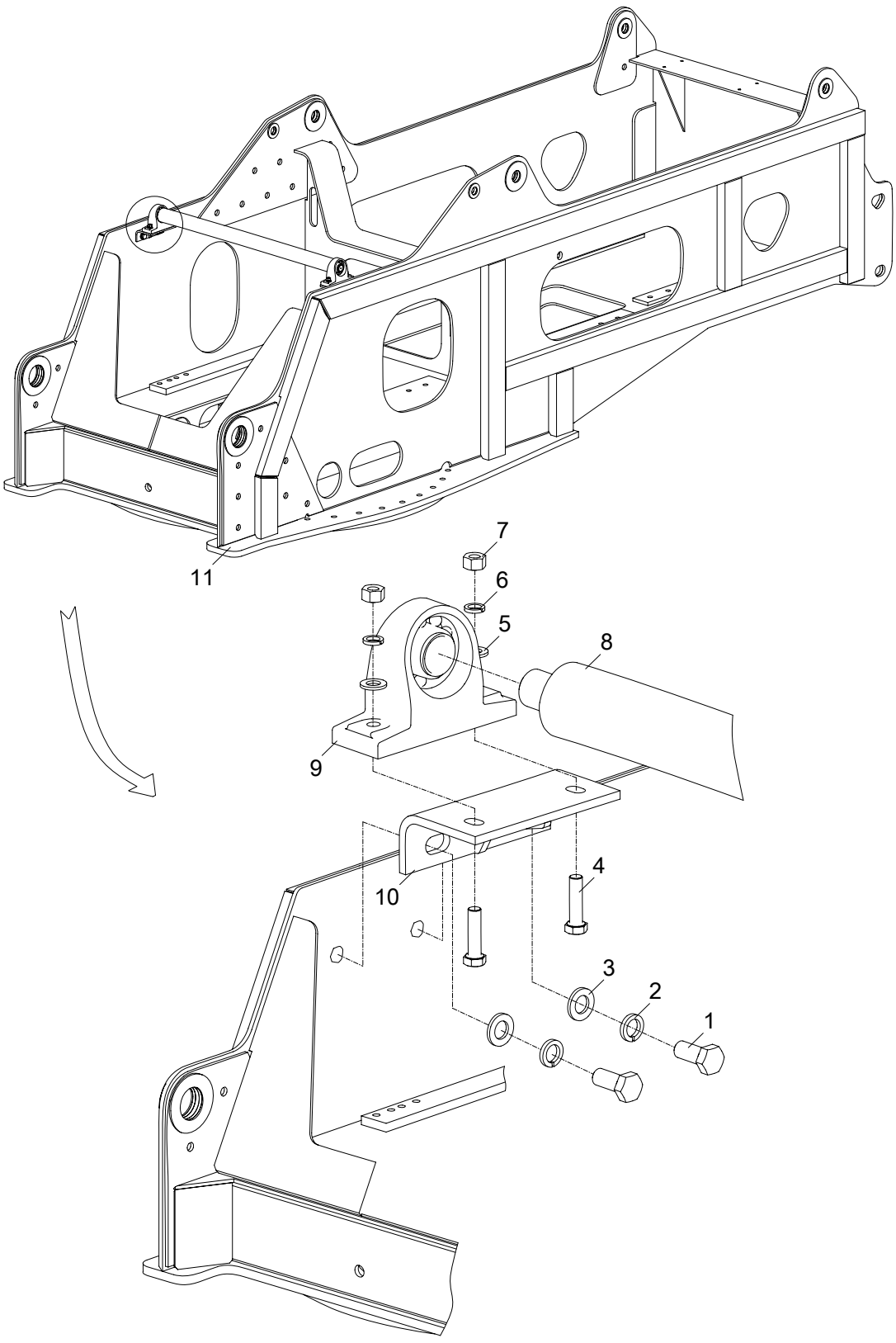
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FIXING DEVICE FOR SLEWING TABLE D00663114700200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114700200000	Fixing device for slewing table		
1	00663024700210000	•Pin spindle	1	
2	00663024700201010	•Proximity switch support	2	
3	1040000091	•Bolt	4	
4	1040300060	•Washer	6	
5	00663114700201010	•Protective cover	2	
6	1040000204	•Bolt	2	
7	00663110400000000	Slewing table attachments welded	1	

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ROPE SUPPORT INSTALLATION OF SLEWING TABLE FRONT SECTION D006631147016000000Y



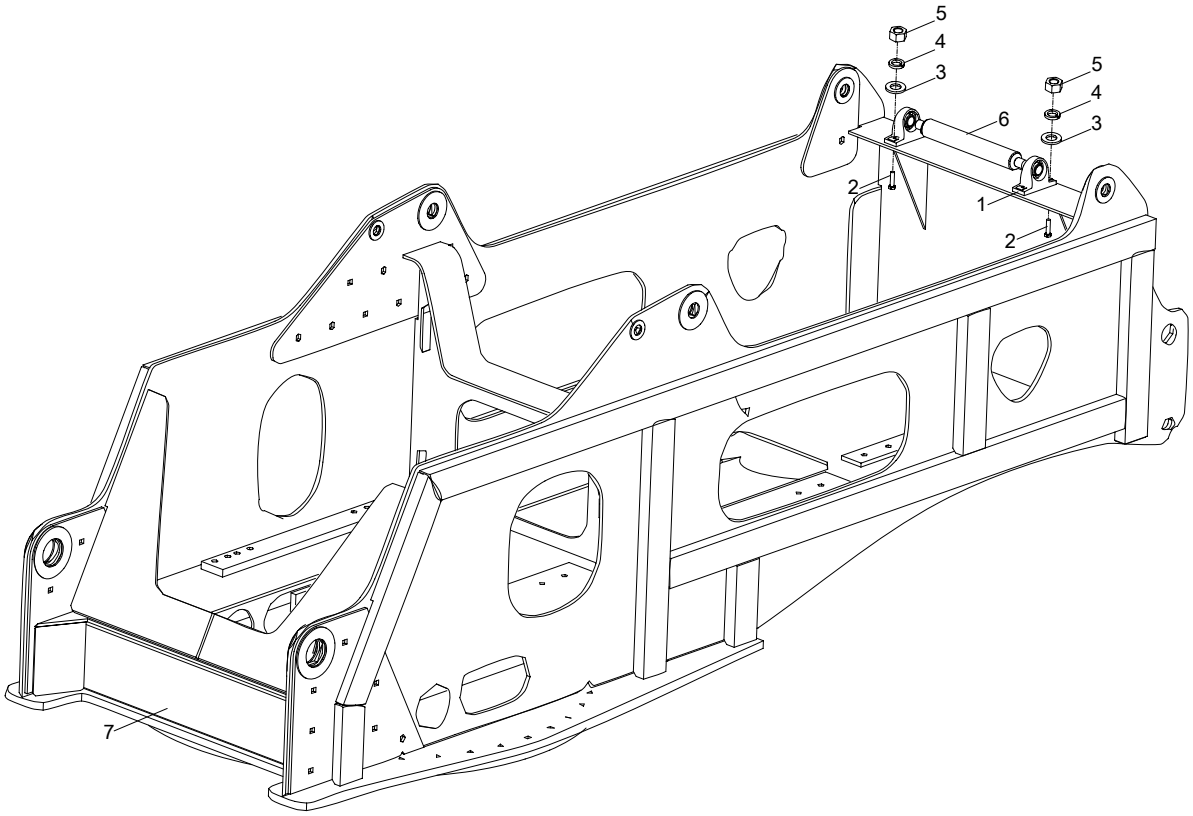
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ROPE SUPPORT INSTALLATION OF SLEWING TABLE FRONT SECTION D00663114701600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114701600000	Rope support installation of slewing table front section		
1	1040000016	•Bolt	4	
2	1040300065	•Washer	4	
3	1040300052	•Washer	4	
4	1040000169	•Bolt	4	
5	1040300041	•Washer	4	
6	1040300054	•Washer	4	
7	1040200096	•Nut	4	
8	00663300102010000	•Carrier roller	1	
9	1050200136	•Bearing	2	
10	00663114701610000	•Support	2	
11		Slewing table	1	

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ROPE SUPPORT INSTALLATION OF SLEWING TABLE REAR SECTION D00663114701000000Y



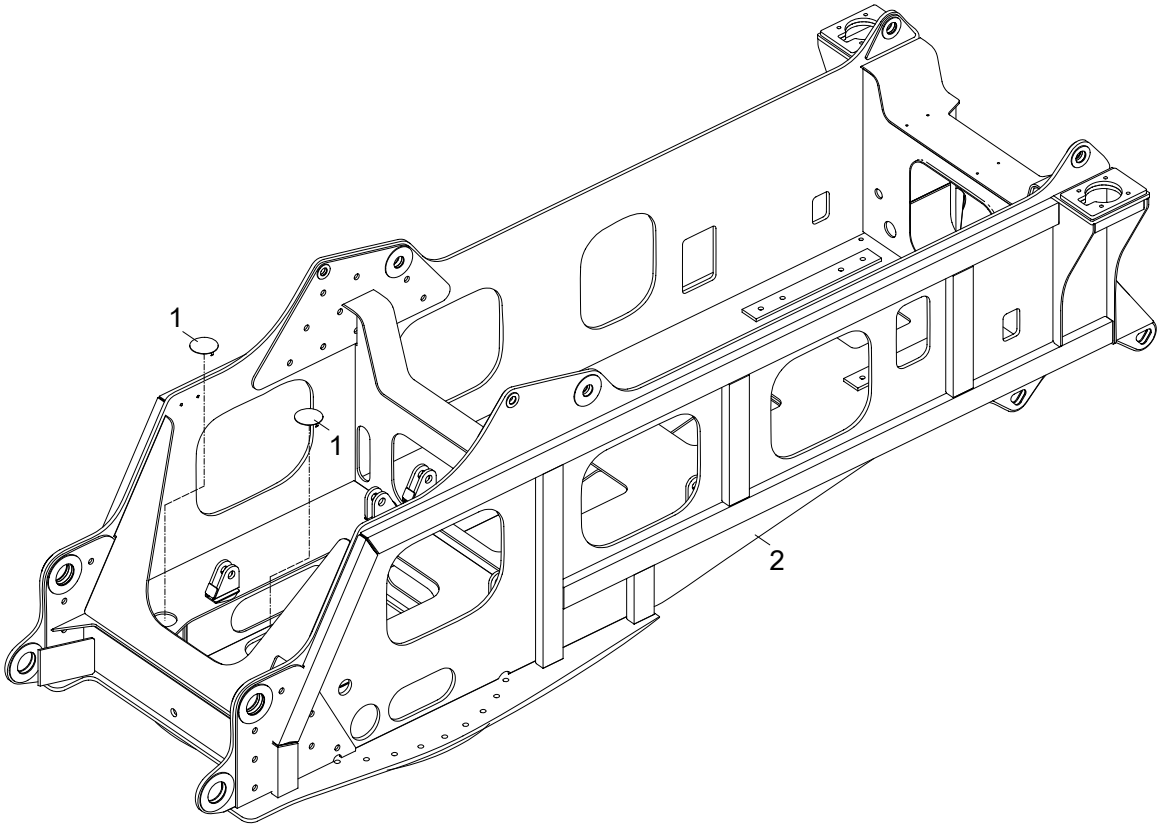
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ROPE SUPPORT INSTALLATION OF SLEWING TABLE REAR SECTION D00663114701000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114701000000	Rope support installation of slewing table r ear section		
1	1050200136	•Bearing	2	
2	1040000169	•Bolt	4	
3	1040300041	•Washer	4	
4	1040300054	•Washer	4	
5	1040200096	•Nut	4	
6	00663114701010000	•Carrier roller	1	
7		Slewing table	1	

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COVER PLATE INSTALLATION
D00663114700600000Y



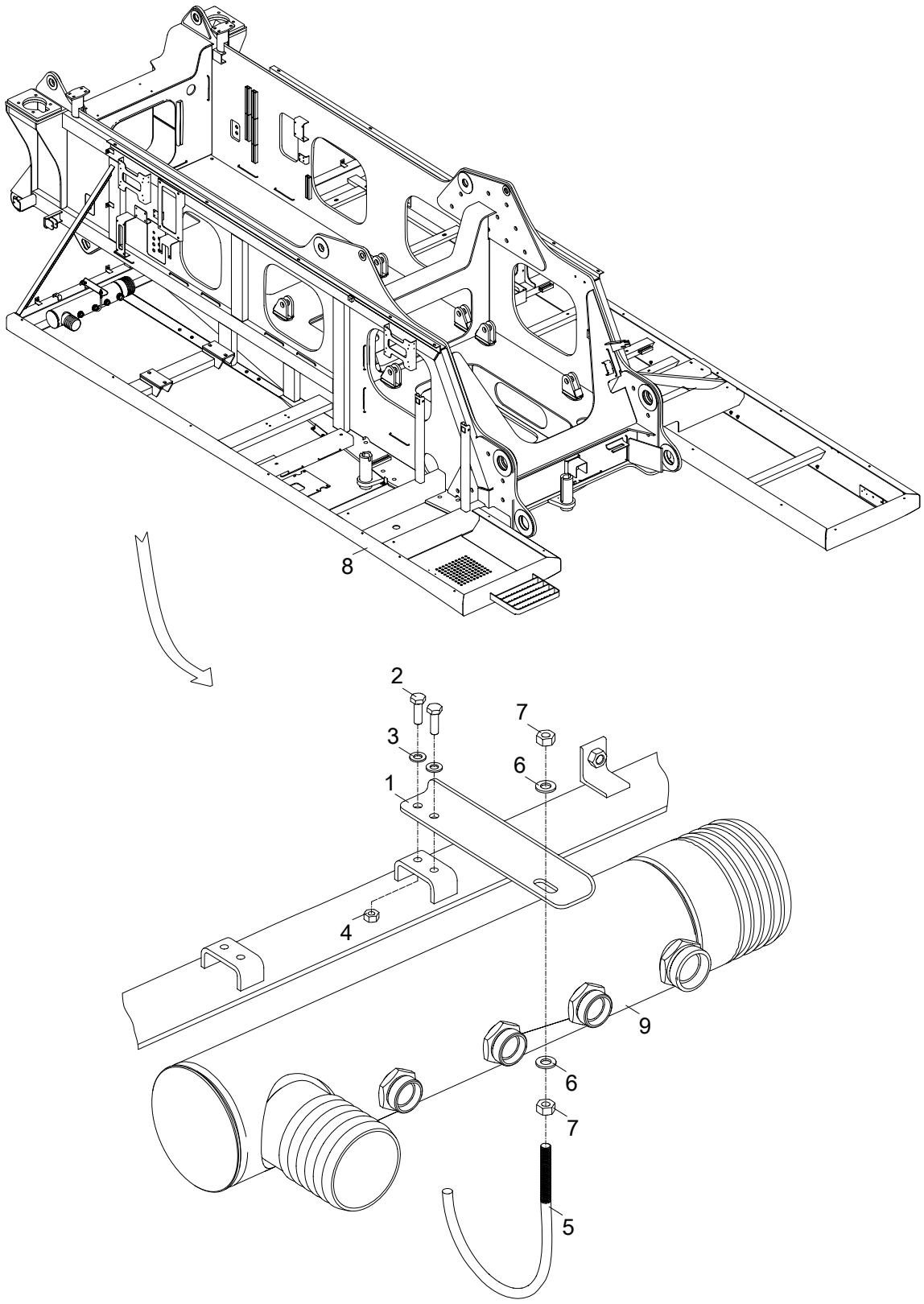
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COVER PLATE INSTALLATION
D00663114700600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114700600000	Cover plate installation		
1	00663114700610000	•Cover	2	
2	00663110400200000	Slewing table	1	

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FIXATION OF OIL SUCTION PIPE OF MAIN PUMP
D00663114701200000Y



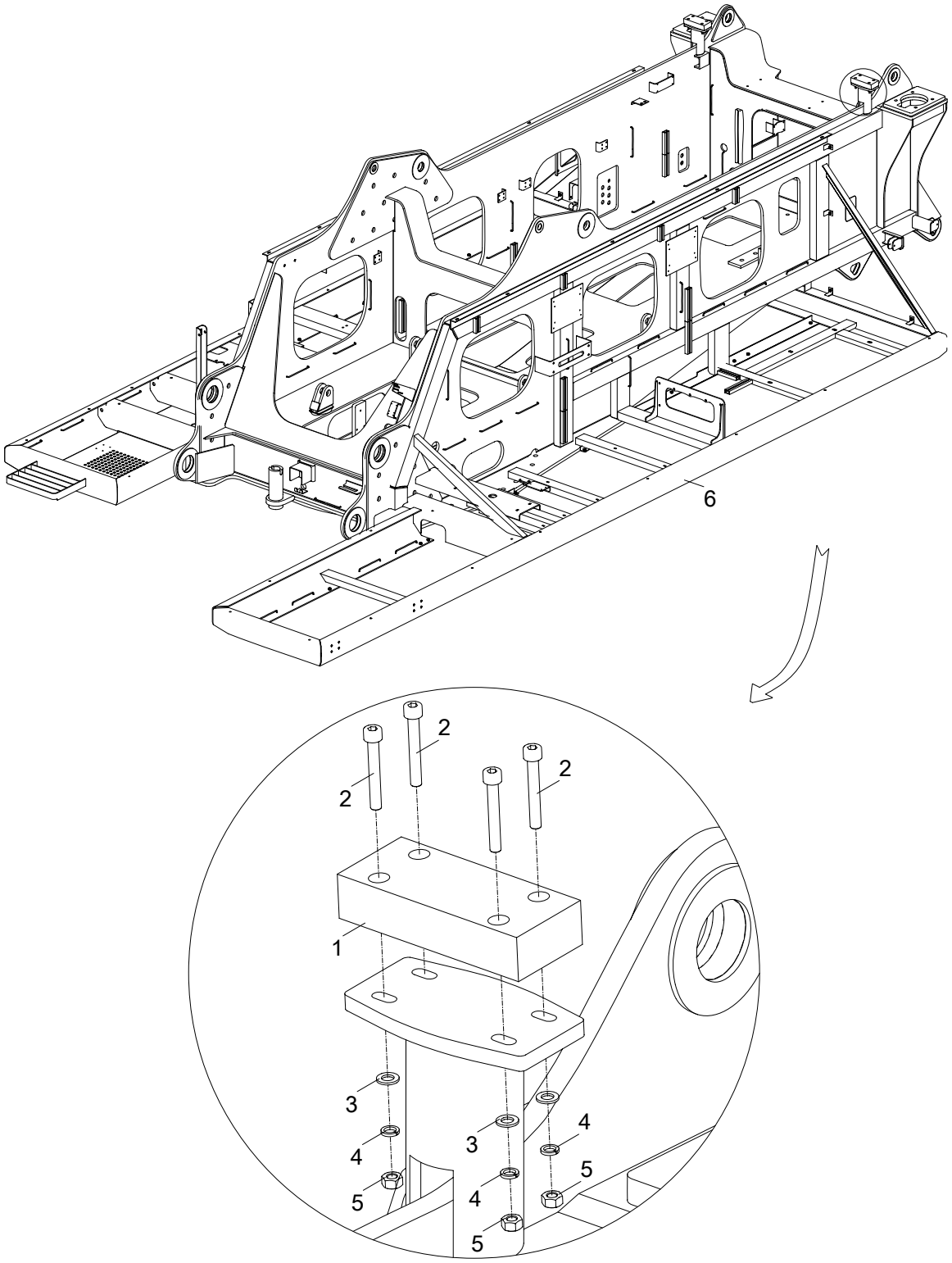
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FIXATION OF OIL SUCTION PIPE OF MAIN PUMP D00663114701200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114701200000	Fixation of oil suction pipe of main pump		
1	00663114701201010	•Angle steel	1	
2	1040000288	•Bolt	2	
3	1040300066	•Washer	2	
4	1040200192	•Nut	2	
5	00663014710401020	•Saddle clamp bolt	1	
6	1040300061	•Washer	2	
7	1040200113	•Nut	2	
8		Slewing table attachments welded	1	
9		Oil collecting fitting	1	

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INSTALLATION OF NYLON CUSHION BLOCK
D00663114700800000Y



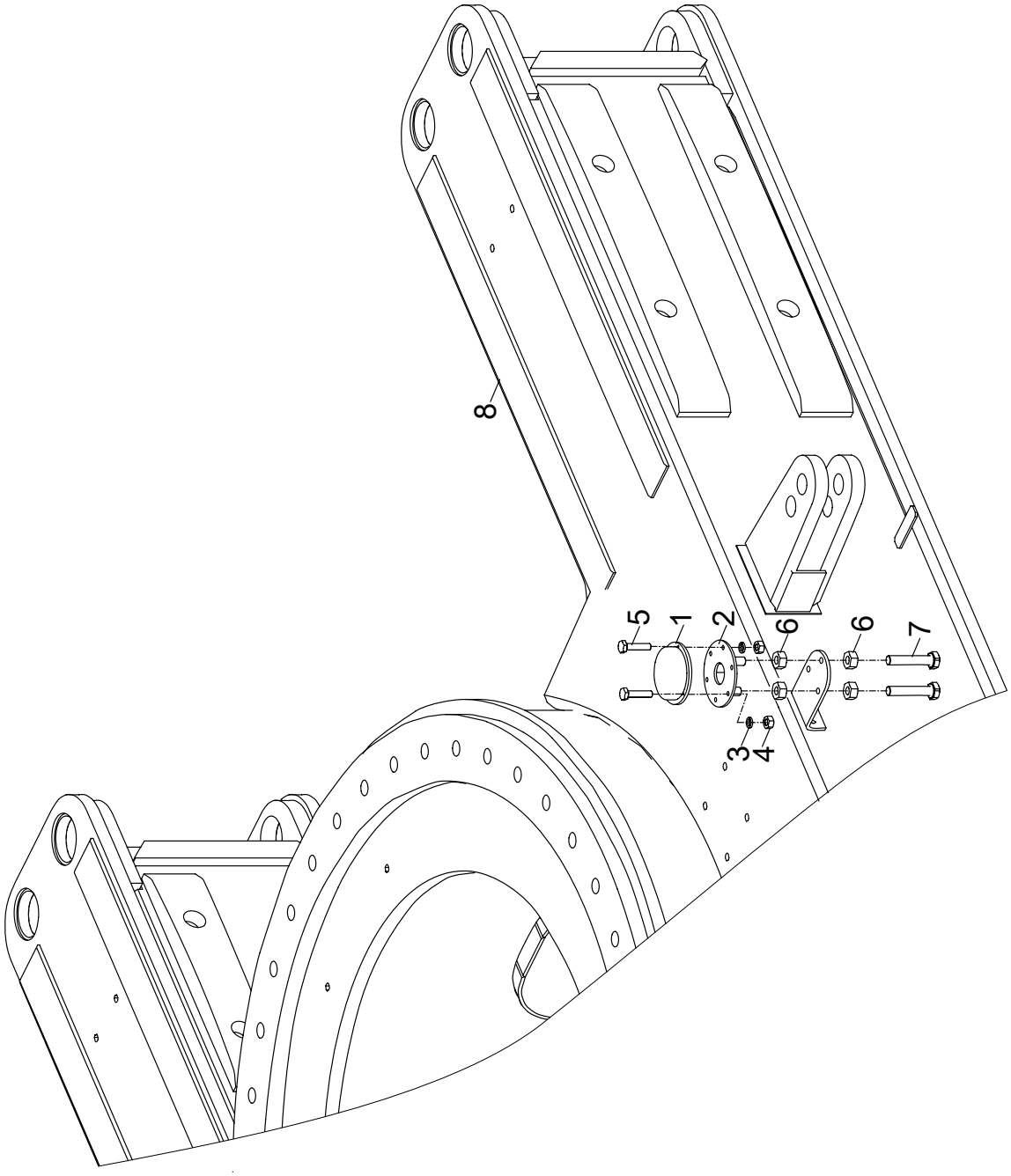
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INSTALLATION OF NYLON CUSHION BLOCK D00663114700800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114700800000	Installation of nylon cushion block		
1	00663114700801010	•Cushion block	2	
2	1040100210	•Screw	8	
3	1040300063	•Washer	8	
4	1040300634	•Washer	8	
5	1040200764	•Nut	8	
6		Slewing table attachments welded	1	

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INCLINOMETER INSTALLATION
D00663604703200000Y



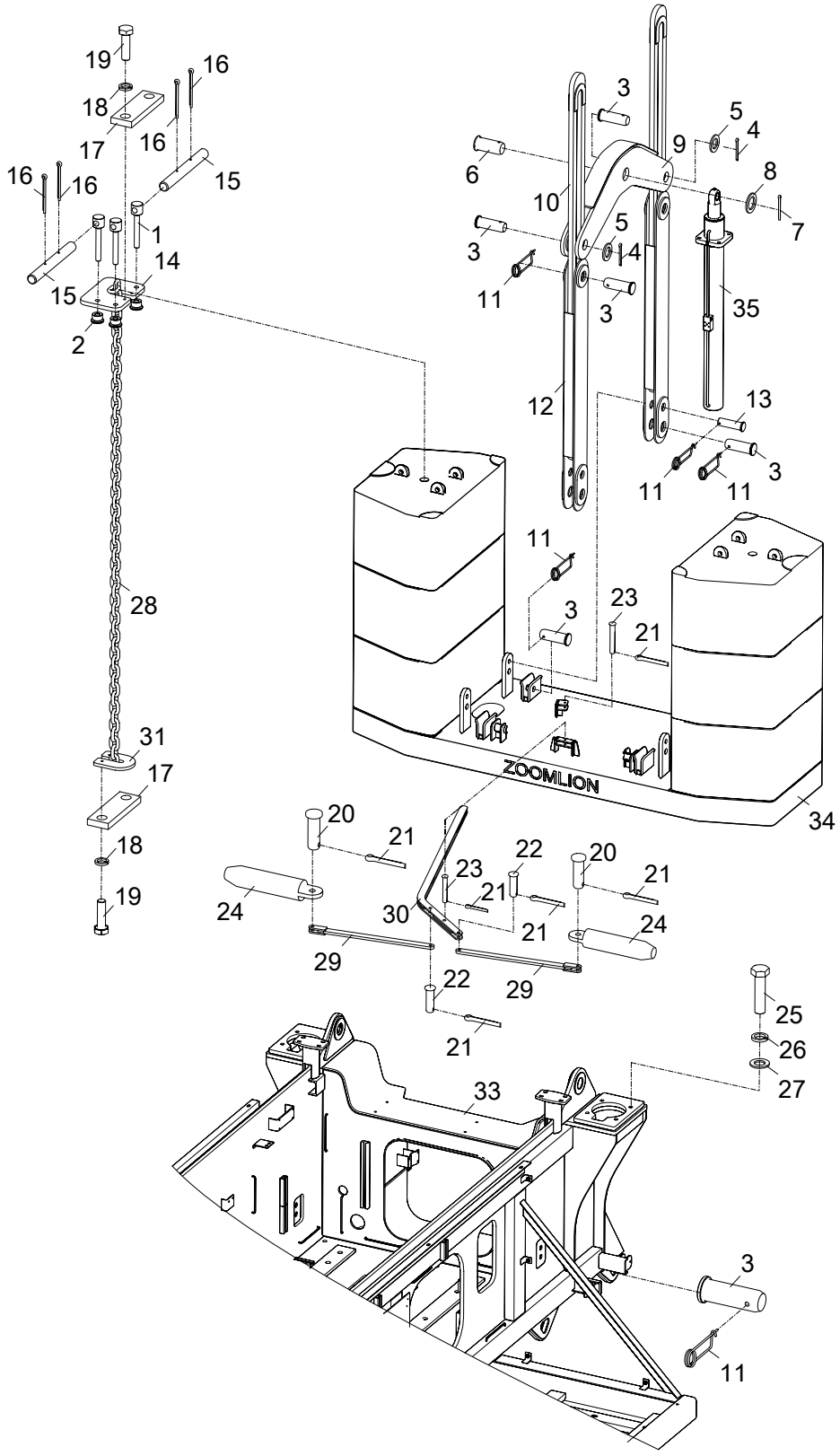
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INCLINOMETER INSTALLATION
D00663604703200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663604703200000	Inclinometer installation		
1	1991800006	•Inclinometer	1	
2	00633200100400000	•Seat board	1	
3	1040300062	•Washer	3	
4	1040200111	•Nut	3	
5	1040000076	•Bolt	3	
6	1040200192	•Nut	6	
7	1040000077	•Bolt	3	
8		Slewing table attachments welded	1	

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COUNTERWEIGHT ASSEMBLY
D00663114900000000Y



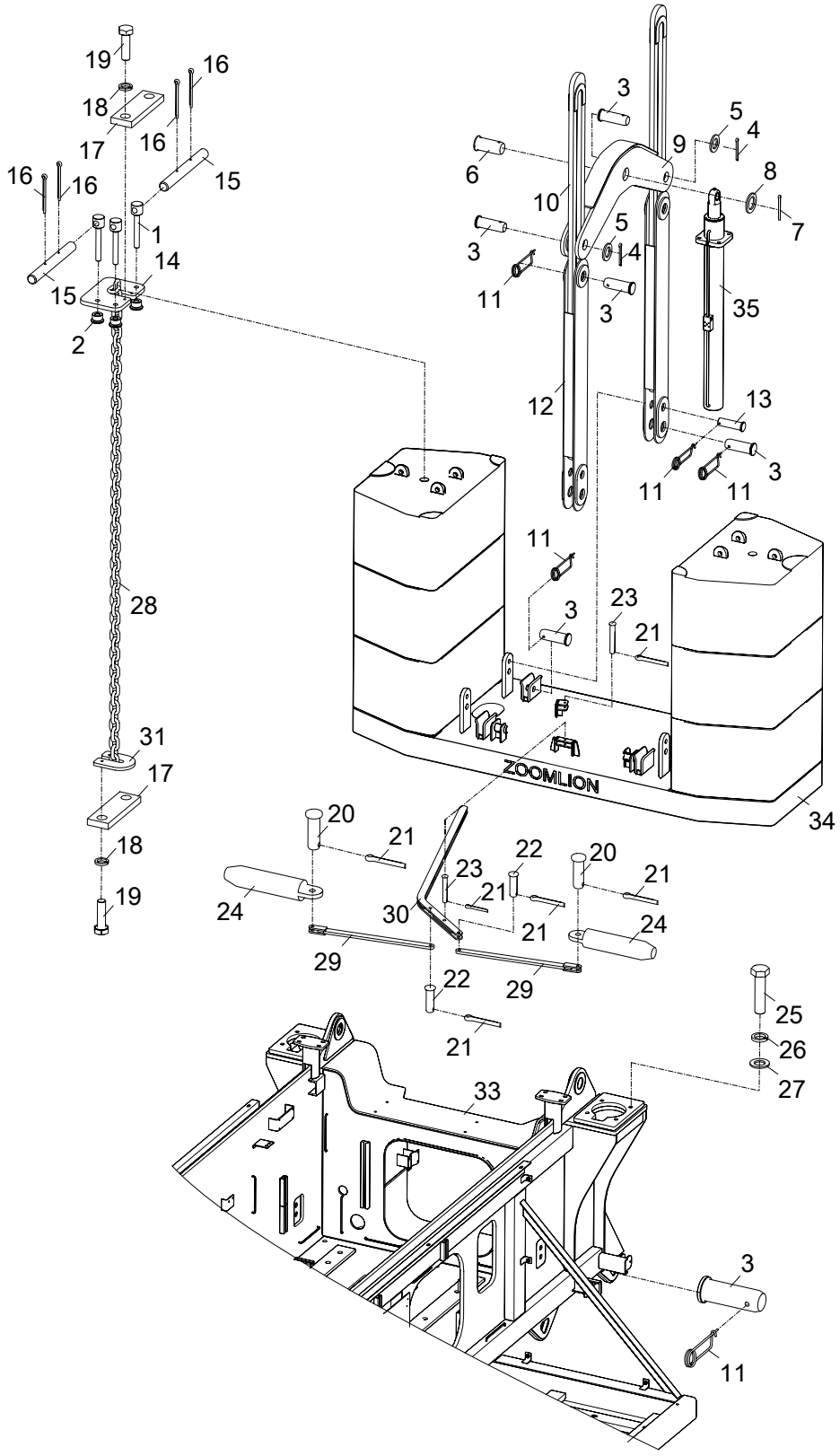
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COUNTERWEIGHT ASSEMBLY
D00663114900000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114900000000	Counterweight assembly		
1	00663114900200000	•Bolt assy.	8	
2	00663114900400000	•Base seat	8	
3	00663405400801010	•Pin spindle	14	
4	1040500222	•Pin	4	
5	00663114900001020	•Washer	4	
6	00660905400201010	•Pin spindle	2	
7	1040500978	•Pin	2	
8	00663114900001040	•Washer	2	
9	00663114900600000	•Support beam	2	
10	00663114900800000	•Upper anchoring rod	4	
11	00663300100001230	•Retaining pin	14	
12	00663114901000000	•Lower anchoring rod	4	
13	00663002800601021	•Pin spindle	4	
14	00663114900001060	•Plate	2	
15	00663114900001070	•Round bar	4	
16	1040500003	•Pin	8	
17	00663604900201050	•Retaining plate	4	
18	1040300067	•Washer	8	
19	1040001590	•Bolt	8	
20	1040500150	•Pin spindle	2	
21	1040500051	•Pin	6	
22	1040500058	•Pin	2	
23	1040500105	•Pin spindle	2	
24	00663114900001080	•Shaft	2	
25	1040000089	•Bolt	8	
26	1040300038	•Washer	8	
27	1040300106	•Washer	8	
28	1090900102	•Counterweight chain	2	
29	00663114901200000	•Connecting rod	2	
30	00663114901400000	•Connecting plate	1	
31	00663114900001110	•Plate	2	
32	204110014	•Lithium-based Grease	0.1kg	E
33		Slewing table attachments welded	1	
34		Rear counterweight	1	

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COUNTERWEIGHT ASSEMBLY
D00663114900000000Y



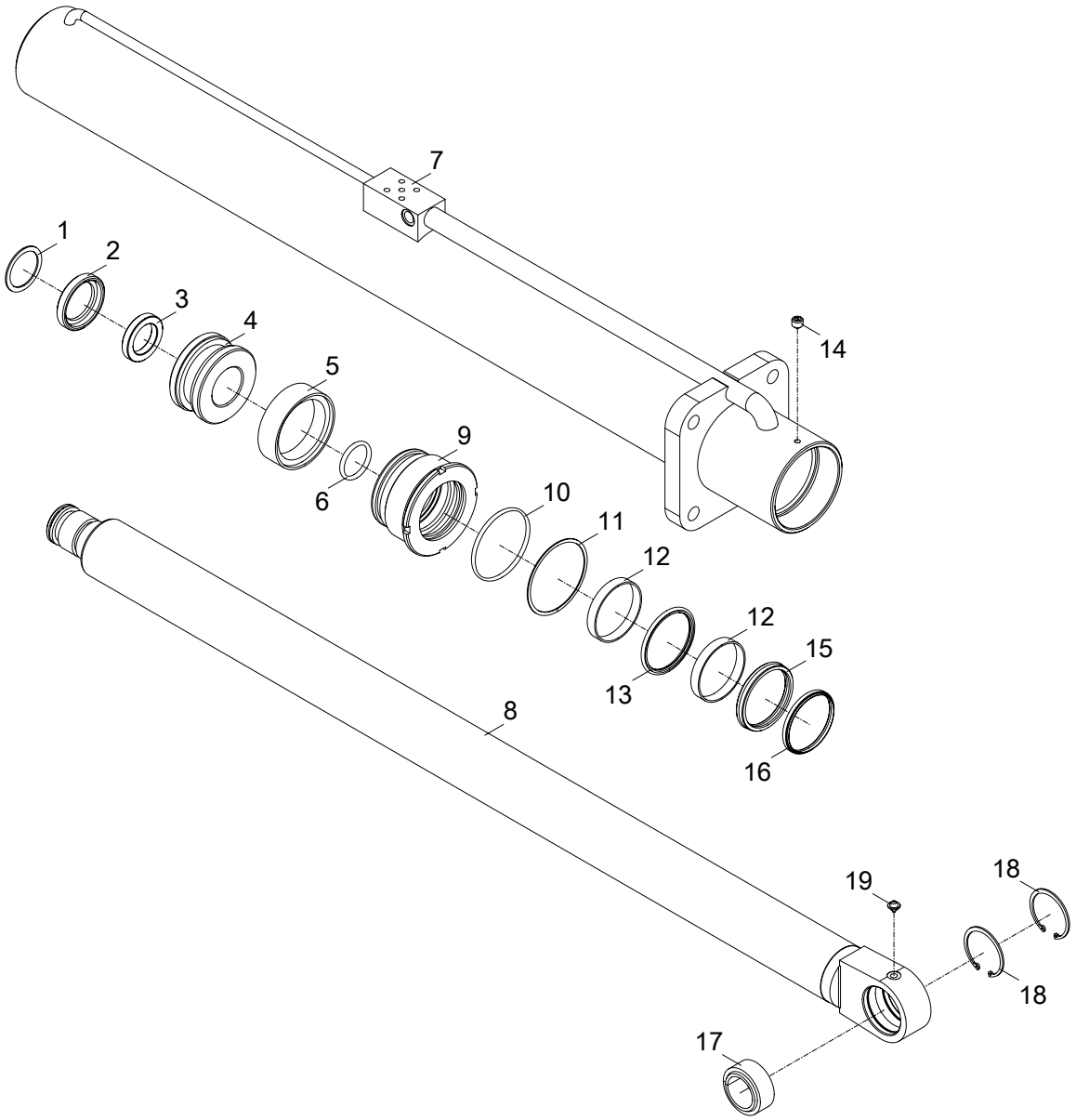
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COUNTERWEIGHT ASSEMBLY
D00663114900000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35		Counterweight lifting cylinder	2	

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COUNTERWEIGHT LIFTING CYLINDER
D00663118403700000_6400Y



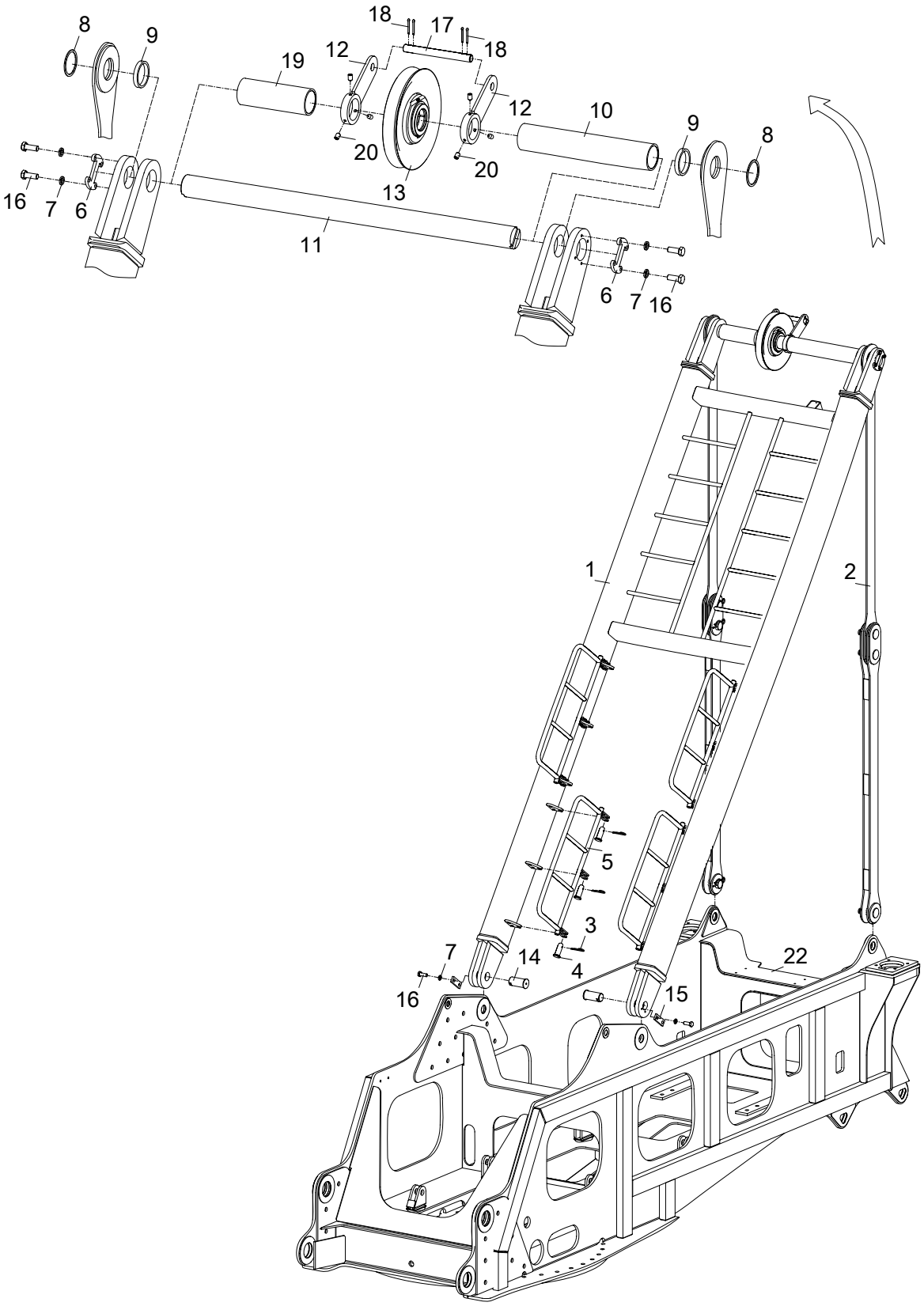
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COUNTERWEIGHT LIFTING CYLINDER D00663118403700000_6400Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663118403700000	Counterweight lifting cylinder		
1	1040301270	•Circlip for shaft	1	
2	00630708430700004	•Sleeve ring	1	
3	00630708430700005	•Retaining ring	1	
4	00663118403700001	•Piston	1	
5	1089900278	•Piston combination seal	1	
6	1081000836	•O-ring	1	
7	00663118403701000	•Cylinder block	1	
8	00663118403702000	•Piston rod	1	
9	00663118403700002	•Guide bush	1	
10	1081000599	•O-ring	1	
11	1040301010	•Retainer ring	1	
12	1081400859	•Guide ring	2	
13	1089900012	•OD-type piston rod seal	1	
14	1040101151	•Screw	1	
15	1081002574	•U-ring	1	
16	1081200369	•Dust ring	1	
17	1050000106	•Knuckle bearing	1	
18	1040301221	•Retaining ring	2	
19	1080000270	•Oil cup	1	

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A-FRAME ASSY.
D006631118000000000Y



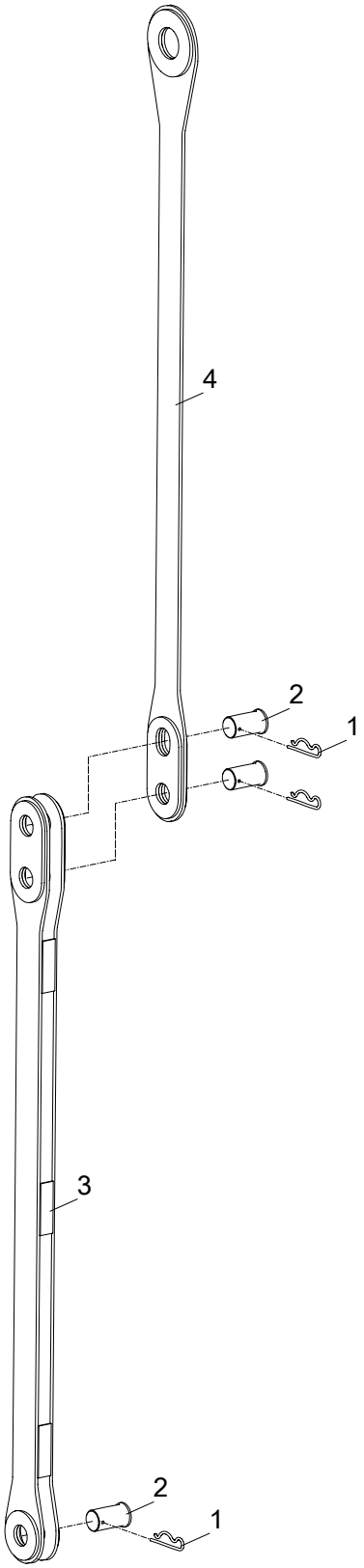
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A-FRAME ASSY.
D00663111800000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111800000000	A-frame assy.		
1	00663111800400000	•A-frame	1	
2	00663111800200000	•Rear anchoring rods of A-frame	2	
3	006340000032	•Retaining pin (D16,18,20)	24	
4	00660501800001010	•Pin spindle	24	
5	00663111800600000	•Ladder on A-frame	4	
6	00663011800001062	•Retaining plate	2	
7	1040300054	•Washer	12	
8	00663111800001010	•Spacing sleeve	2	
9	00663111800001020	•Spacing sleeve	2	
10	00663111800001030	•Spacing sleeve	1	
11	00663001800001030	•Shaft	1	
12	00663011810800000	•Locking retainer ring	2	
13	00663031800200000	•Moveable pulley assy. on A-frame	1	
14	00663001800001061	•Shaft	2	
15	006340000019	•Retaining plate 60	2	
16	1040000108	•Bolt	12	
17	00663021800001120	•Rope guard tube	1	
18	1040500040	•Pin	4	
19	00663111800001040	•Spacing sleeve	1	
20	1040100467	•Screw	6	
21	204040017	•Molybdenum disulfide grease	1kg	E
22	00663110400200000	Slewing table	1	

https://truckmanualshub.com/

REAR ANCHORING RODS OF A-FRAME
D00663111800200000Y



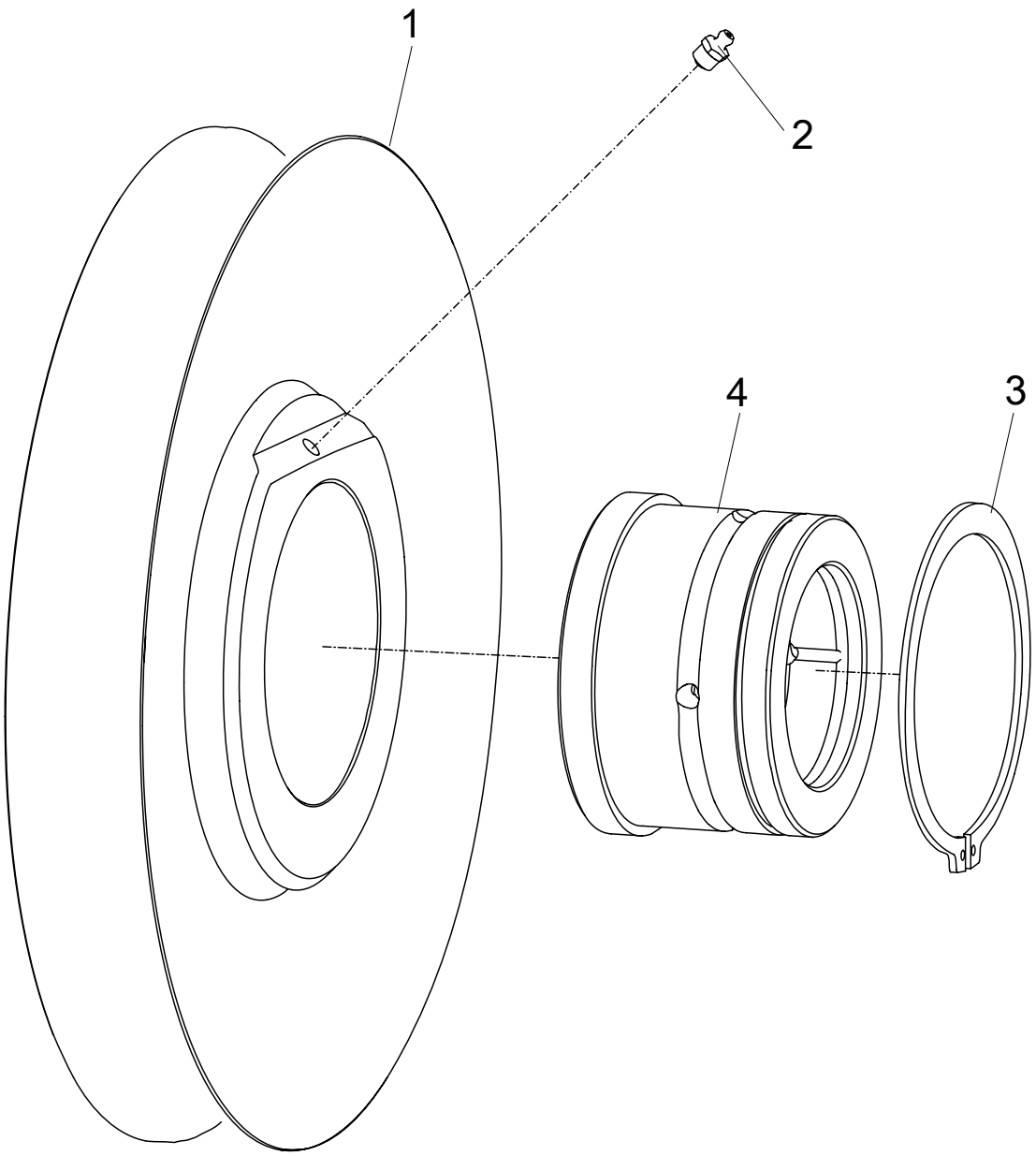
https://truckmanualshub.com/

REAR ANCHORING RODS OF A-FRAME
D00663111800200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111800200000	Rear anchoring rods of A-frame		
1	00663111800201010	•Retaining spring	3	
2	00663111800201020	•Shaft	3	
3	00663111800210000	•Double reducing piece	1	
4	00663111800220000	•Single anchoring rod	1	

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MOVEABLE PULLEY ASSY. ON A-FRAME
D00663031800200000Y



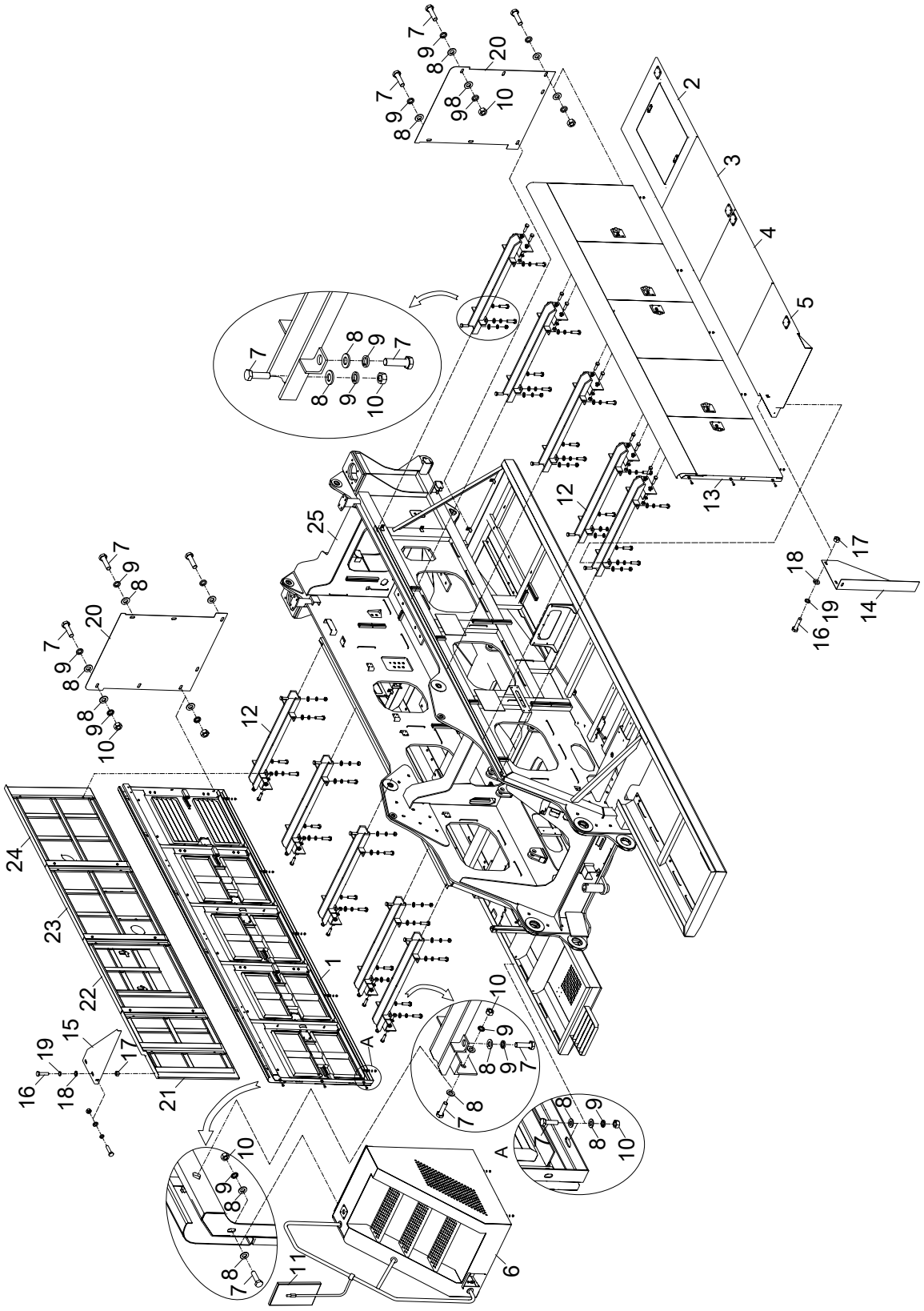
https://truckmanualshub.com/

MOVEABLE PULLEY ASSY. ON A-FRAME
D00663031800200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663031800200000	Moveable pulley assy. on A-frame		
1	00663031800210000	•Pulley	1	
2	1019900312	•Oil cup	1	
3	1040300147	•Retainer ring	1	
4	00663031800201010	•Brass bush	1	

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BOARDING INSATLLATION
D00663110510200000Y



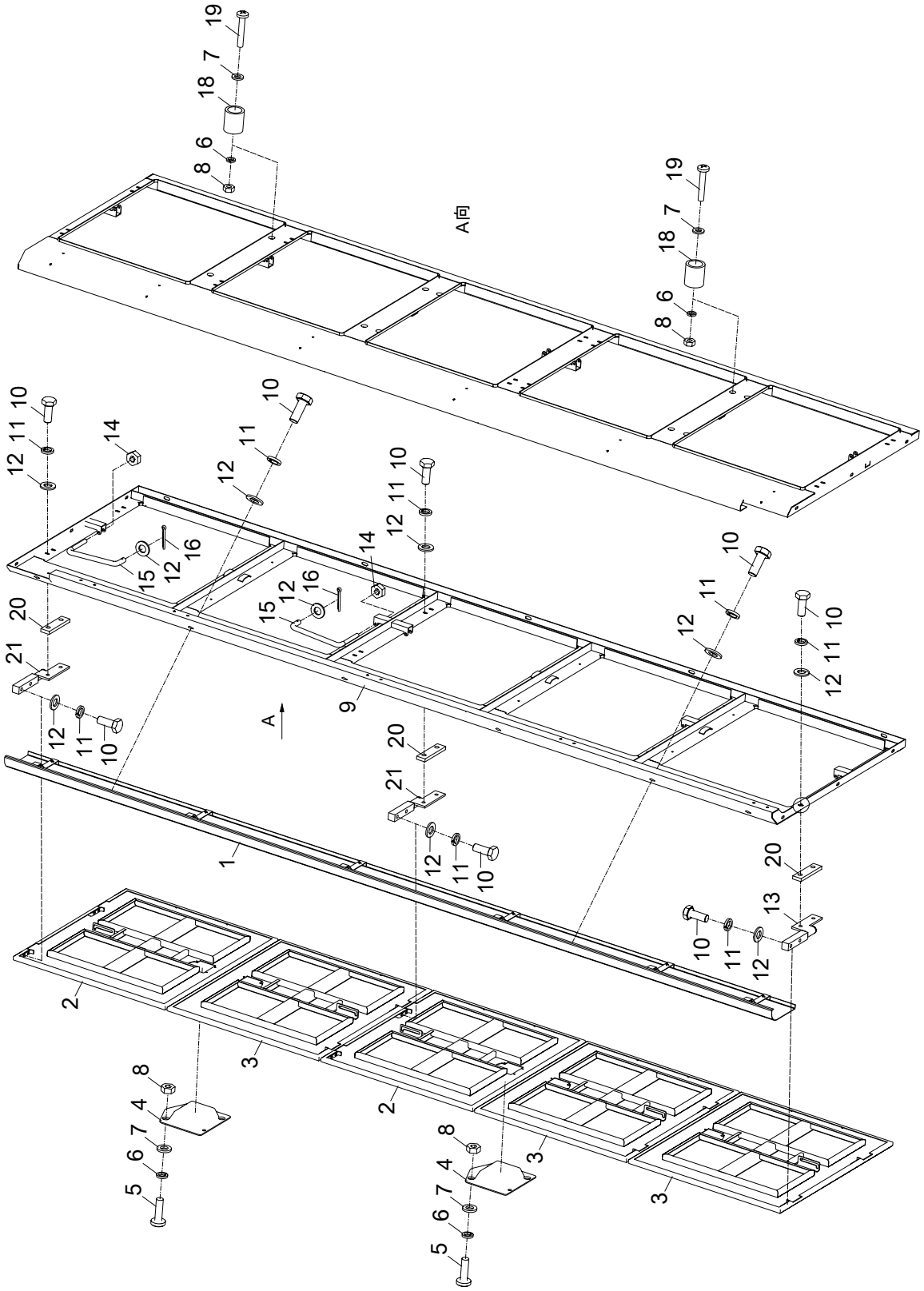
https://truckmanualshub.com/

BOARDING INSATLLATION
D00663110510200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510200000	Boarding insatllation		
1	00663110510220000	•Right hood	1	
2	00663110510240000	•Platform	1	
3	00663110510250000	•Platform	1	
4	00663110510260000	•Platform	1	
5	00663110510270000	•Platform	1	
6	00663110510230000	•Front section of right hood	1	
7	1040000122	•Bolt	103	
8	1040300061	•Washer	166	
9	1040300067	•Washer	103	
10	1040200113	•Nut	62	
11	1139900416	•Reflector	1	
12	00663110510320000	•Support	10	
13	00663110510210000	•Left hood	1	
14	00663110510201020	•Plate	1	
15	00663110510201030	•Plate	1	
16	1040000076	•Bolt	6	
17	1040200111	•Nut	6	
18	1040300051	•Washer	6	
19	1040300062	•Washer	6	
20	00663110510201010	•Rear seal plate	2	
21	00663110510310000	•Platform	1	
22	00663110510300000	•Platform	1	
23	00663110510290000	•Platform	1	
24	00663110510280000	•Platform	1	
25	00663110400000000	Slewing table attachments welded	1	

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LEFT HOOD
D00663110510210000Y



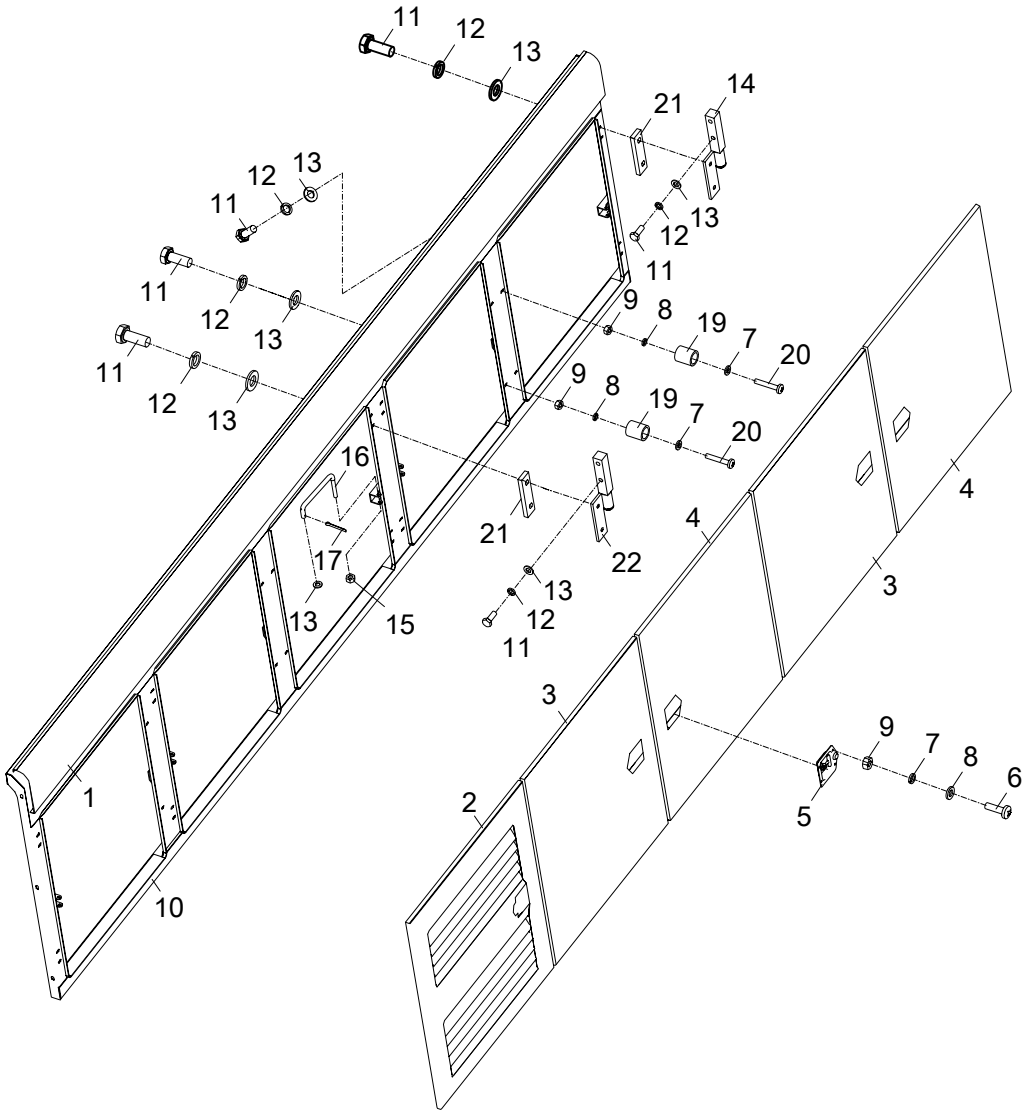
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LEFT HOOD
D00663110510210000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510210000	Left hood		
1	00663110510210020	•Decorative panel	1	
2	00663110510210030	•Door assy. I	2	
3	00663110510210040	•Door assy. II	3	
4	1102500003	•Lock	5	
5	1040100052	•Screw	20	
6	1040300062	•Washer	30	
7	1040300051	•Washer	30	
8	1040200111	•Nut	30	
9	00663110510210010	•Frame of left hood	1	
10	1040000267	•Bolt	52	
11	1040300063	•Washer	52	
12	1040300066	•Washer	57	
13	00663060500210070	•Door hinge II	6	
14	1040200192	•Nut	5	
15	00663110510211020	•Limit stay	5	
16	1040500065	•Pin	5	
17	1990300010	•Strip, door	1	
18	00663060500211010	•Nylon cushion block	10	
19	1040100096	•Screw	10	
20	00663110510211010	•Iron pad	10	
21	00663060500210060	•Door hinge I	4	

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RIGHT HOOD
D00663110510220000Y



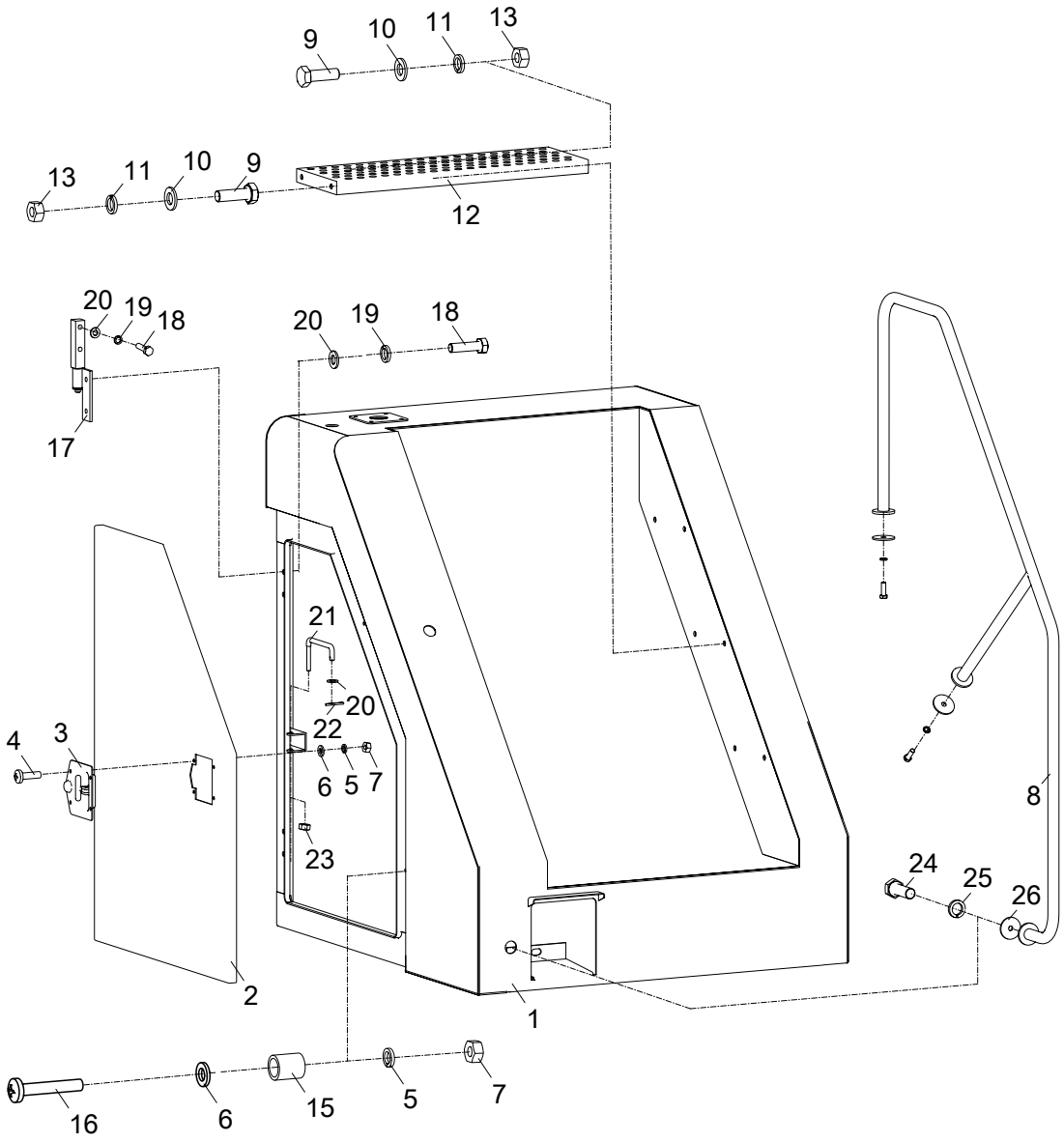
https://truckmanualshub.com/

RIGHT HOOD
D00663110510220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510220000	Right hood	1	
1	00663110510220020	•Decorative panel	1	
2	00663110510220030	•Door assy. III	1	
3	00663110510210030	•Door assy. I	2	
4	00663110510210040	•Door assy. II	2	
5	1102500003	•Lock	5	
6	1040100052	•Screw	20	
7	1040300062	•Washer	30	
8	1040300051	•Washer	30	
9	1040200111	•Nut	30	
10	00663110510220010	•Frame of right hood	1	
11	1040000267	•Bolt	52	
12	1040300063	•Washer	52	
13	1040300066	•Washer	57	
14	00663060500210070	•Door hinge II	4	
15	1040200192	•Nut	5	
16	00663110510211020	•Limit stay	5	
17	1040500065	•Pin	5	
18	1990300010	•Strip, door	1	
19	00663060500211010	•Nylon cushion block	10	
20	1040100096	•Screw	10	
21	00663110510211010	•Iron pad	10	
22	00663060500210060	•Door hinge I	6	

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FRONT SECTION OF RIGHT HOOD
D00663110510230000Y



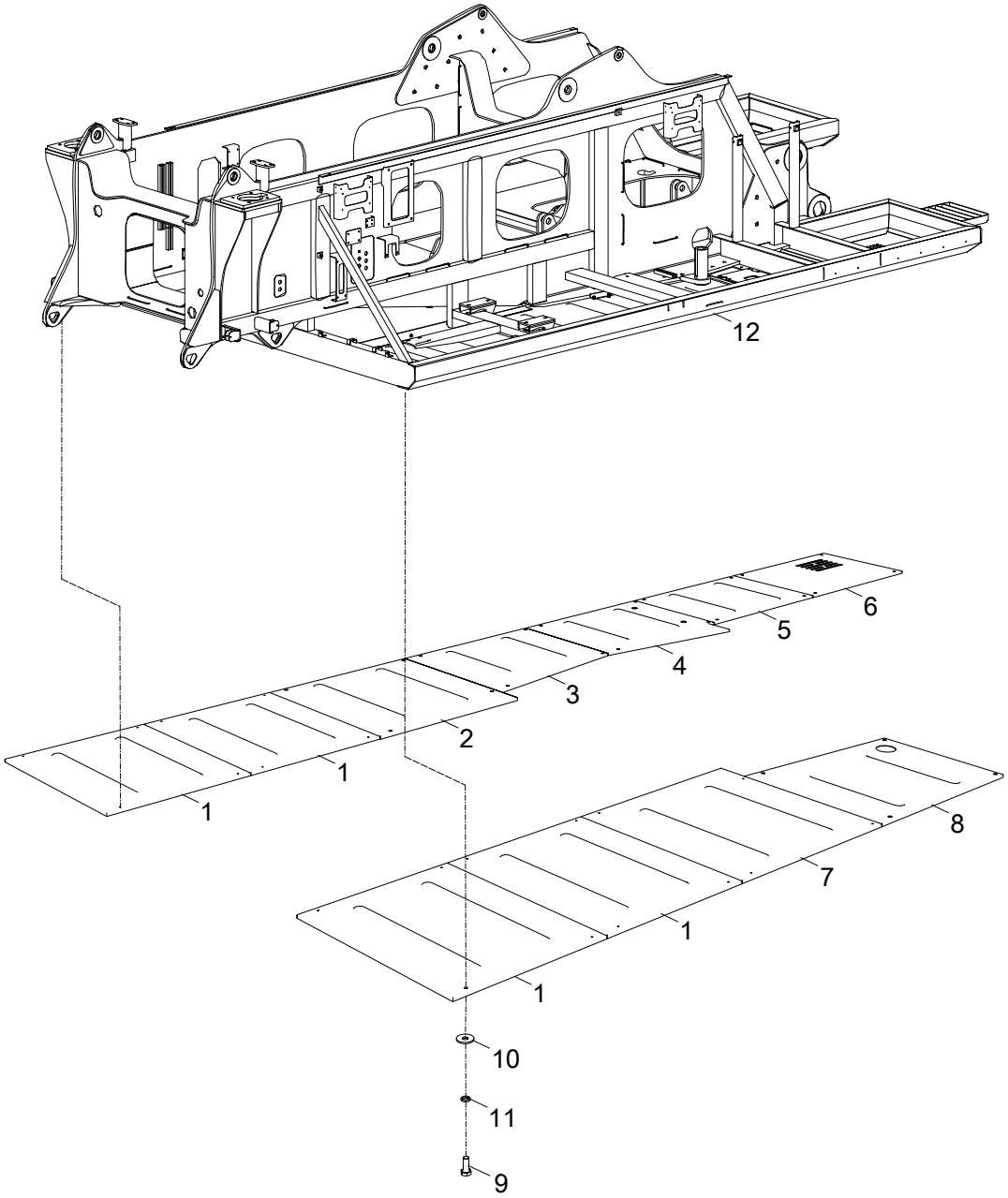
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FRONT SECTION OF RIGHT HOOD
D00663110510230000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510230000	Front section of right hood	1	
1	00663110510230010	•Front section of right hood	1	
2	00663110510230020	•Door of hood front section	1	
3	1102500003	•Lock	1	
4	1040100052	•Screw	4	
5	1040300062	•Washer	6	
6	1040300051	•Washer	6	
7	1040200111	•Nut	6	
8	00663110510230030	•Handrail	1	
9	1040000090	•Bolt	12	
10	1040300061	•Washer	12	
11	1040300067	•Washer	12	
12	00663110510231010	•Pedal	3	
13	1040200113	•Nut	12	
14	1990300010	•Strip, door	1	
15	00663060500211010	•Nylon cushion block	2	
16	1040100096	•Screw	2	
17	00663060500210060	•Door hinge I	2	
18	1040000018	•Bolt	8	
19	1040300063	•Washer	8	
20	1040300066	•Washer	9	
21	00663060500211020	•Limit stay	1	
22	1040500065	•Pin	1	
23	1040200192	•Nut	1	
24	1040000094	•Bolt	3	
25	1040300054	•Washer	3	
26	00663110510231020	•Washer	3	

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BASE SEAL PLATE INSTALLATION OF BOARDING
D00663110510400000Y



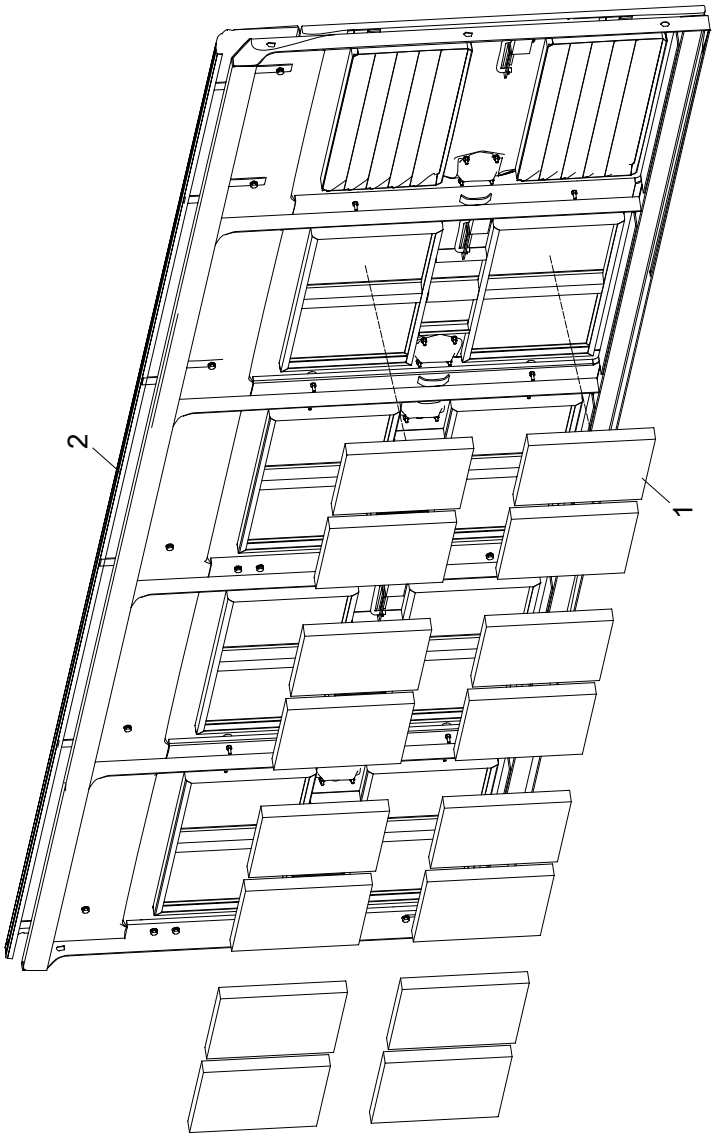
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BASE SEAL PLATE INSTALLATION OF BOARDING D00663110510400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510400000	Base seal plate installation of boarding		
1	00663050520401010	•Base seal plate	4	
2	00663110510401040	•Base seal plate	1	
3	00663050520401030	•Base seal plate	1	
4	00663050520401040	•Base seal plate	1	
5	00663110510401010	•Base seal plate	1	
6	00663110510401020	•Base seal plate	1	
7	00663050520401050	•Base seal plate	1	
8	00663110510401030	•Base seal plate	1	
9	1040000114	•Bolt	44	
10	1040300027	•Washer	44	
11	1040300067	•Washer	44	
12	00663110400000000	Slewing table attachments welded	1	

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STICKING OF SOUND ABSORPTION COTTON D00663110510610000Y



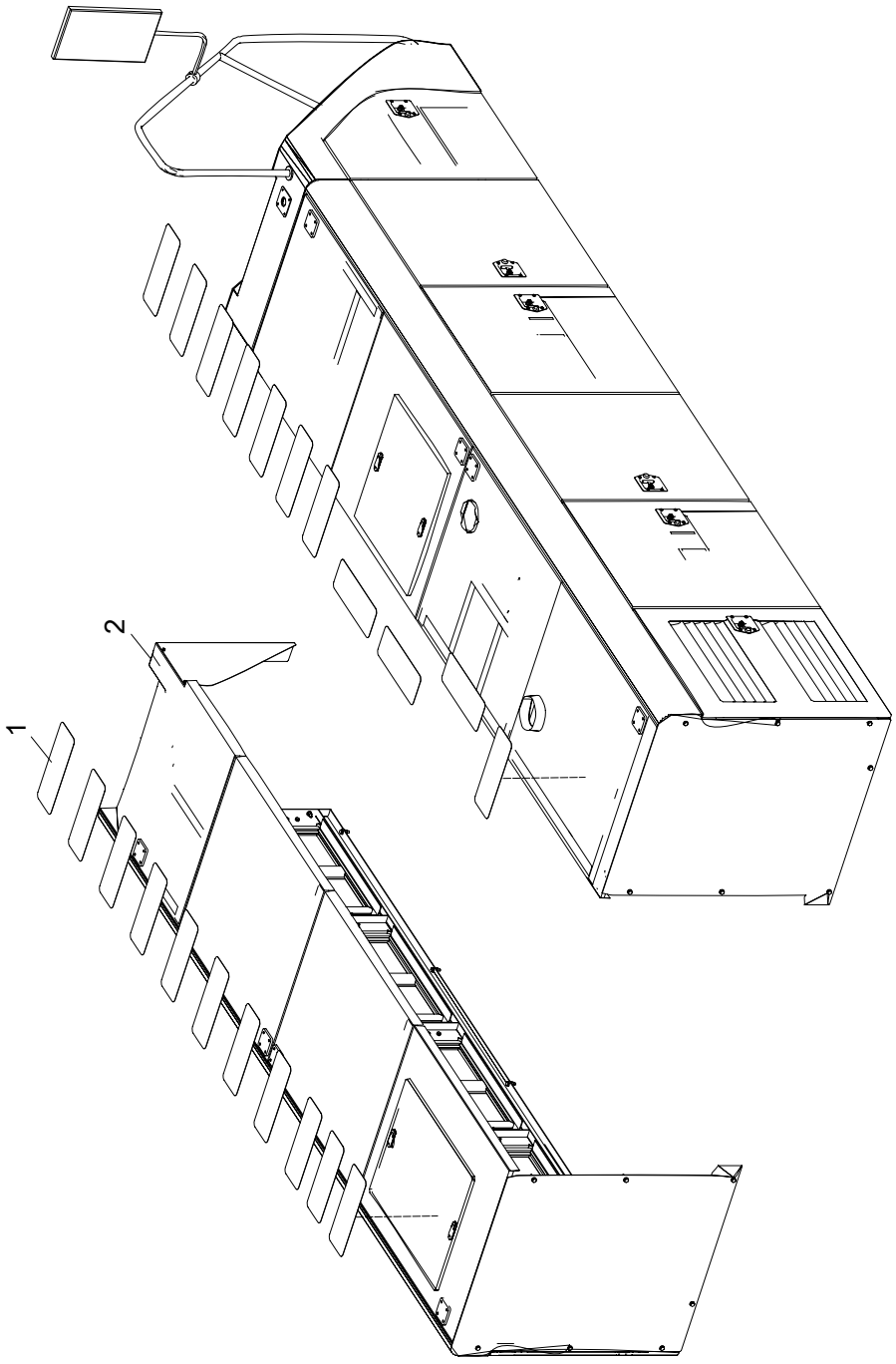
https://truckmanualshub.com/

STICKING OF SOUND ABSORPTION COTTON D00663110510610000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510610000	Sticking of sound absorption cotton		
1	00663110510611010	•Sound absorption cotton	16	
2	00663110510220000	Right hood	1	

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STICKING OF NONSLIPPING LABEL
D00663110510620000Y



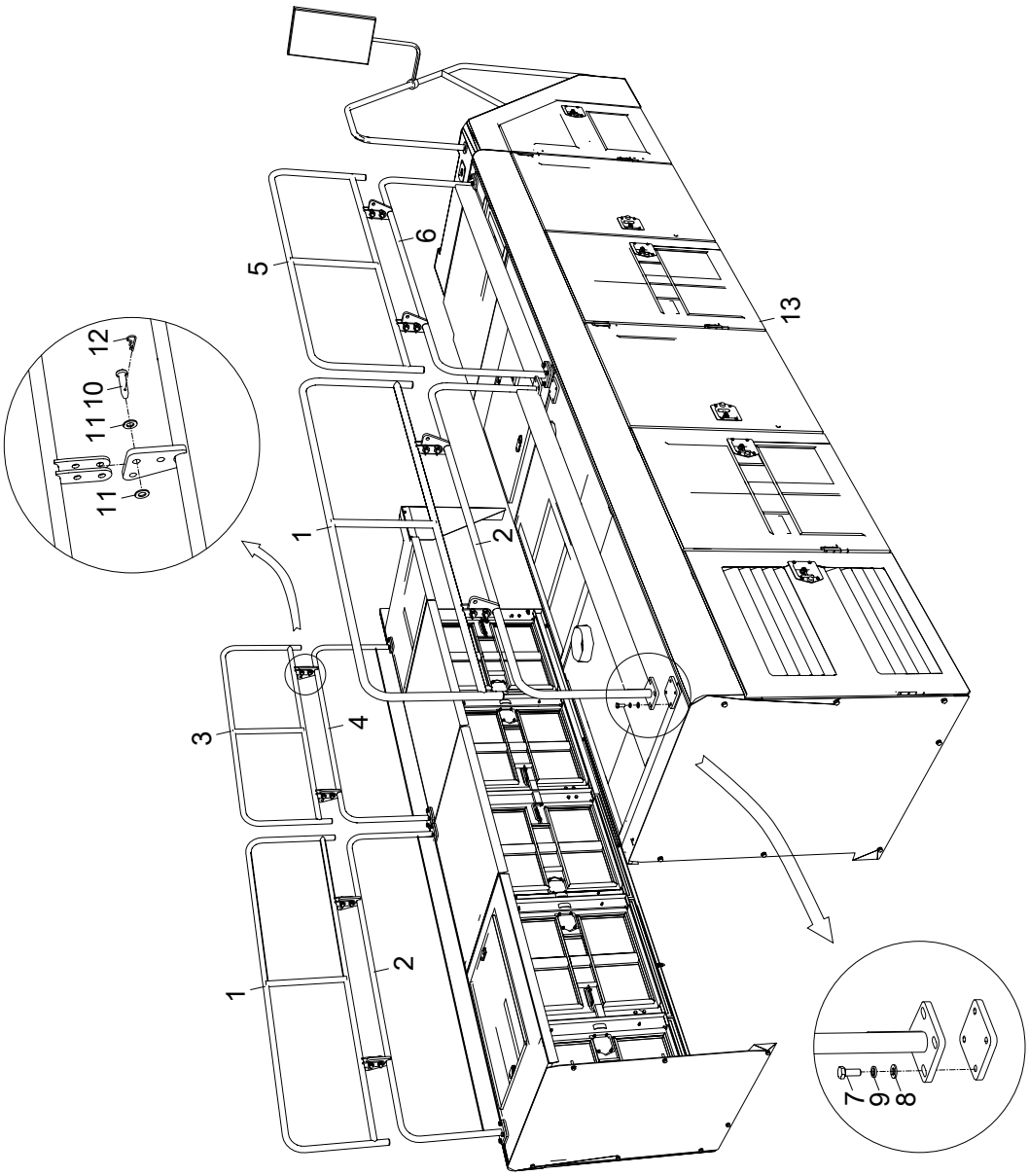
https://truckmanualshub.com/

STICKING OF NONSLIPPING LABEL D00663110510620000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510620000	Sticking of nonslipping label		
1	1990300000	•American nonslipping label	22	
2	00663110510200000	Boarding insatllation	1	

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GUARD RAIL INSTALLATION
D00663110510800000Y



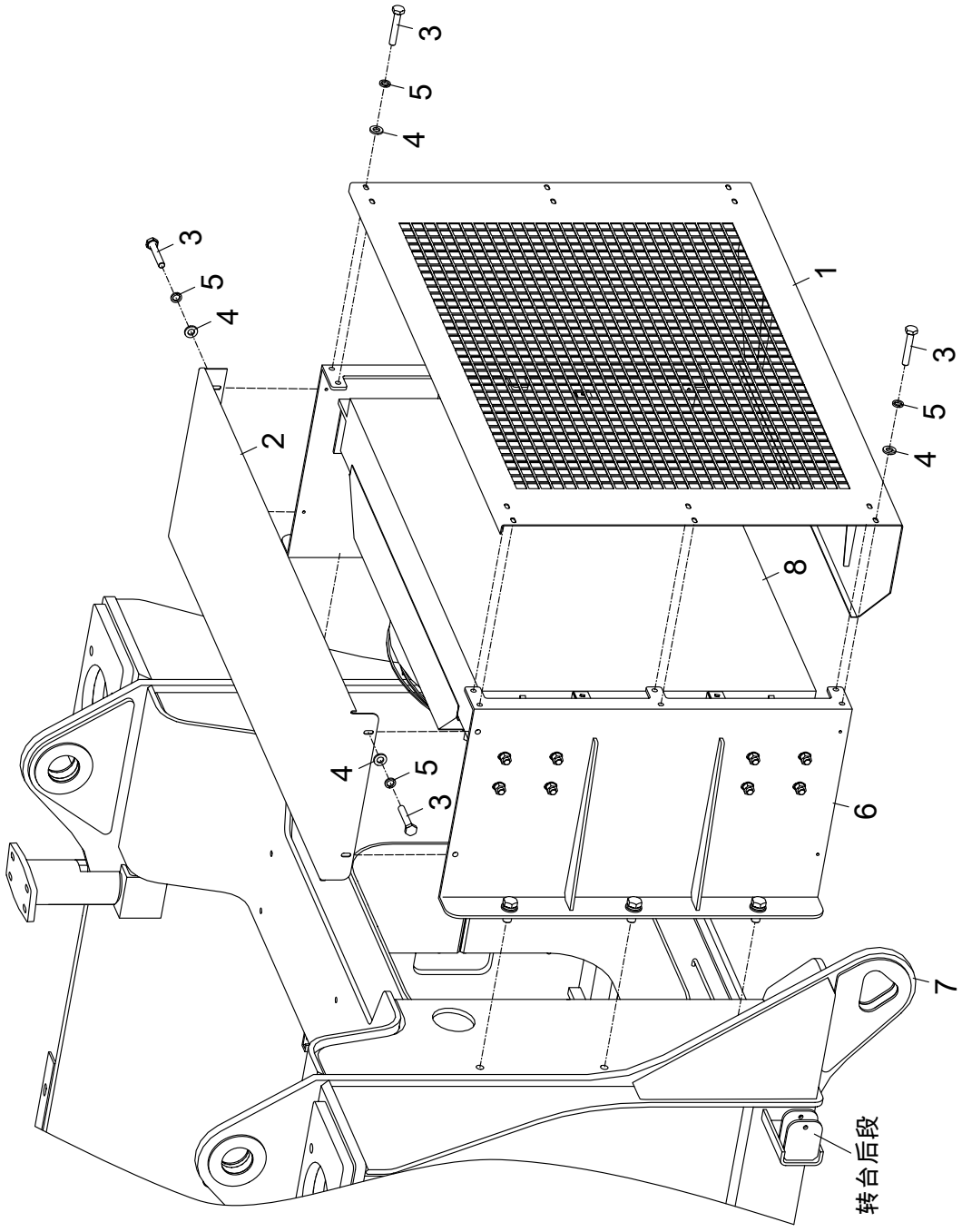
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GUARD RAIL INSTALLATION
D00663110510800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110510800000	Guard rail installation		
1	00663110510810000	•Folding guard rail	2	
2	00663110510820000	•Guard rail	2	
3	00663110510830000	•Folding guard rail	1	
4	00663110510840000	•Guard rail	1	
5	00663060500330000	•Folding guard rail	1	
6	00663110510850000	•Guard rail	1	
7	1040000114	•Bolt	32	
8	1040300061	•Washer	32	
9	1040300067	•Washer	32	
10	00663060500201020	•Pin spindle	16	
11	006340000035	•Spring-loaded pin	16	
12	1040300055	•Washer	32	
13	00663110510200000	Boarding insatllation	1	

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INSTALLATION OF OIL COOLER PROTECTIVE COVER
D00663110500600000Y



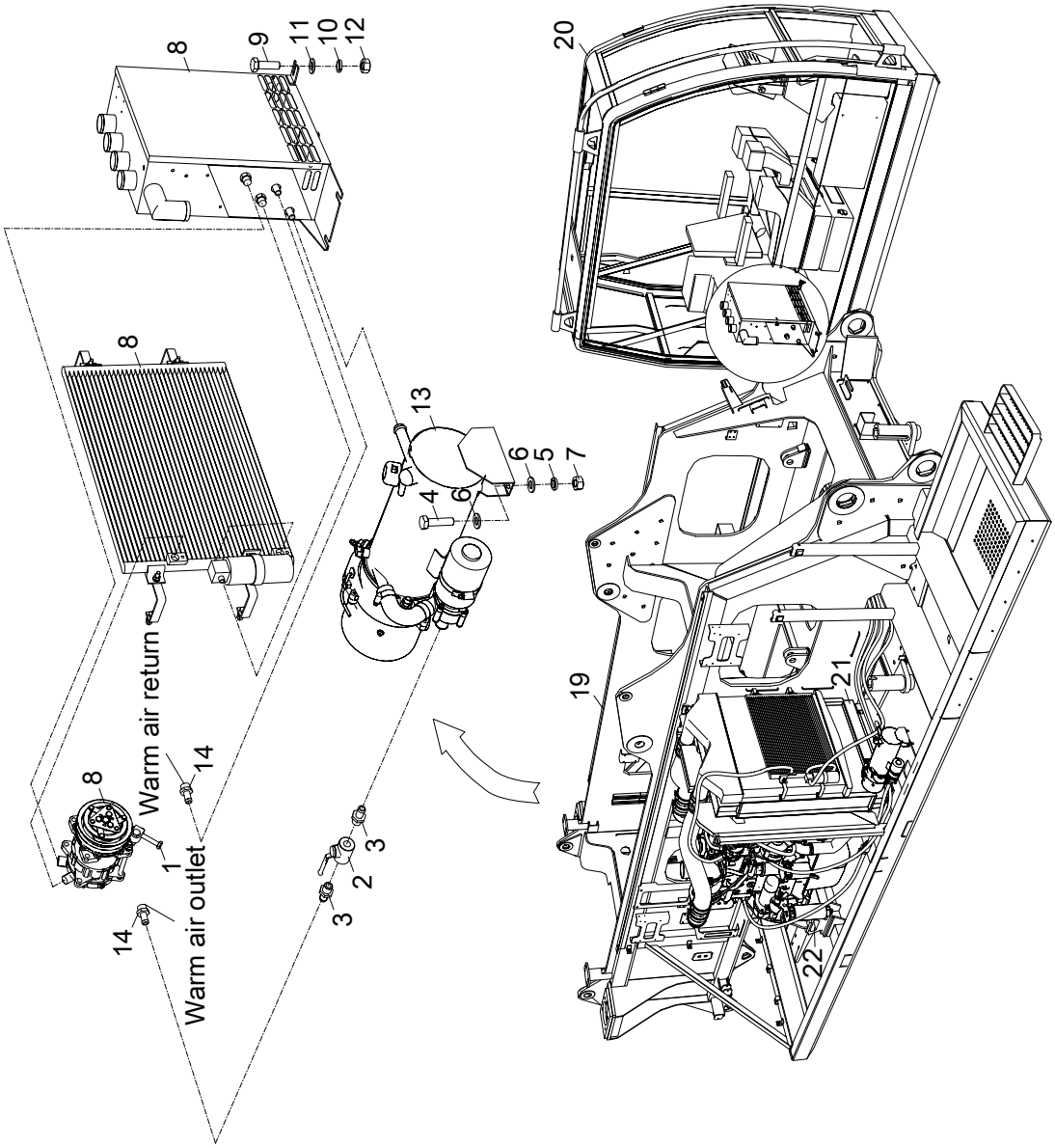
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INSTALLATION OF OIL COOLER PROTECTIVE COVER D00663110500600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110500600000	Installation of oil cooler protective cover		
1	00663110500620000	•Rear seal plate	1	
2	00663110500601040	•Cover plate	1	
3	1040000222	•Bolt	16	
4	1040300051	•Washer	16	
5	1040300062	•Washer	16	
6	00663114800600000	Installation of oil cooler	1	
7	00663110400000000	Slewing table attachments welded	1	
8		Radiator device	1	

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AIR CONDITIONING
D00663117600000000Y



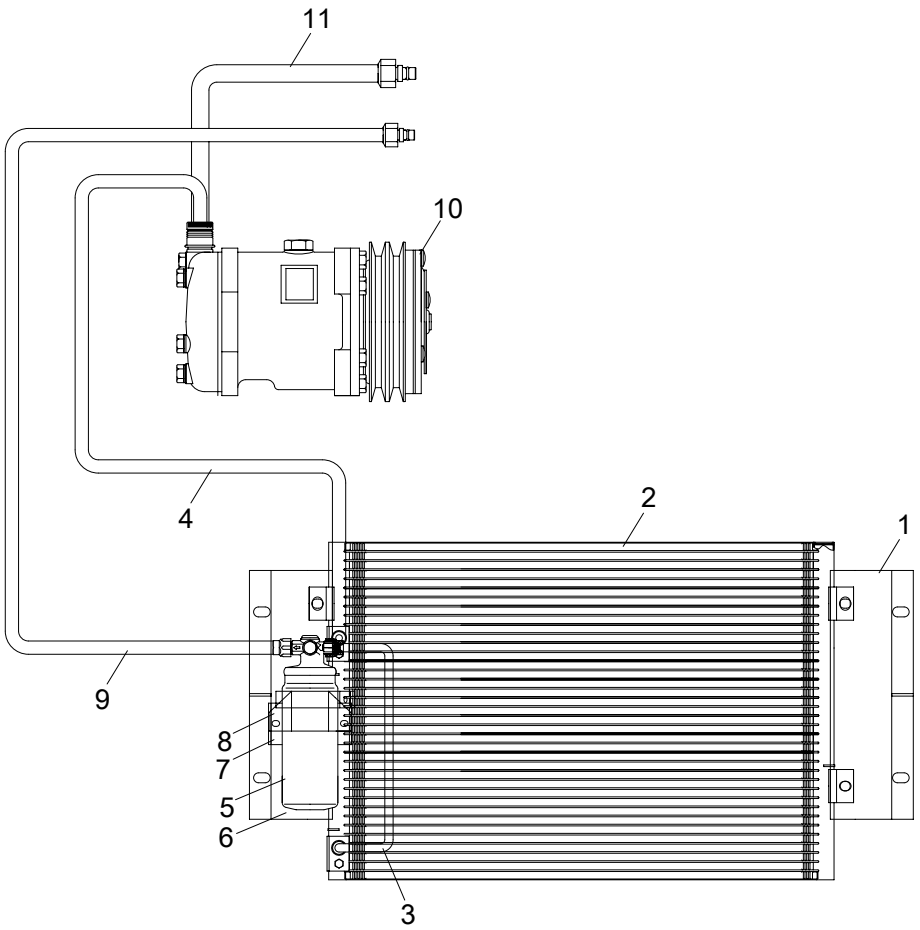
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AIR CONDITIONING
D00663117600000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117600000000	Air conditioning		
1	00663207600210000	•Compressor support	1	
2	1130100054	•Ball valve	1	
3	00663407600001060	•Fitting	2	
4	1040000018	•Bolt	4	
5	1040300063	•Washer	4	
6	1040300066	•Washer	8	
7	1040200192	•Nut	4	
8	1130100675	•Cooling & heating device	1	
9	1040000090	•Bolt	4	
10	1040300067	•Washer	4	
11	1040300061	•Washer	4	
12	1040200113	•Nut	4	
13	1009900052	•Liquid heater	1	
14	00664007600001010	•Fitting	2	
15	1990200007	•Nylon strap	1	
16	207130011	•Refrigerant	1kg	
17	00663107600001010	•Blanking plug	1	
18	1990200519	•Worm clamp	1	
19	00663110400000000	Slewing table attachments welded	1	
20	00663110700000000	Operator’s cab assembly	1	
21	00663111300000000	Cooling system	1	
22	00663111000000000	Engine assembly	1	

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COOLING & HEATING DEVICE
D1130100675_100026Y



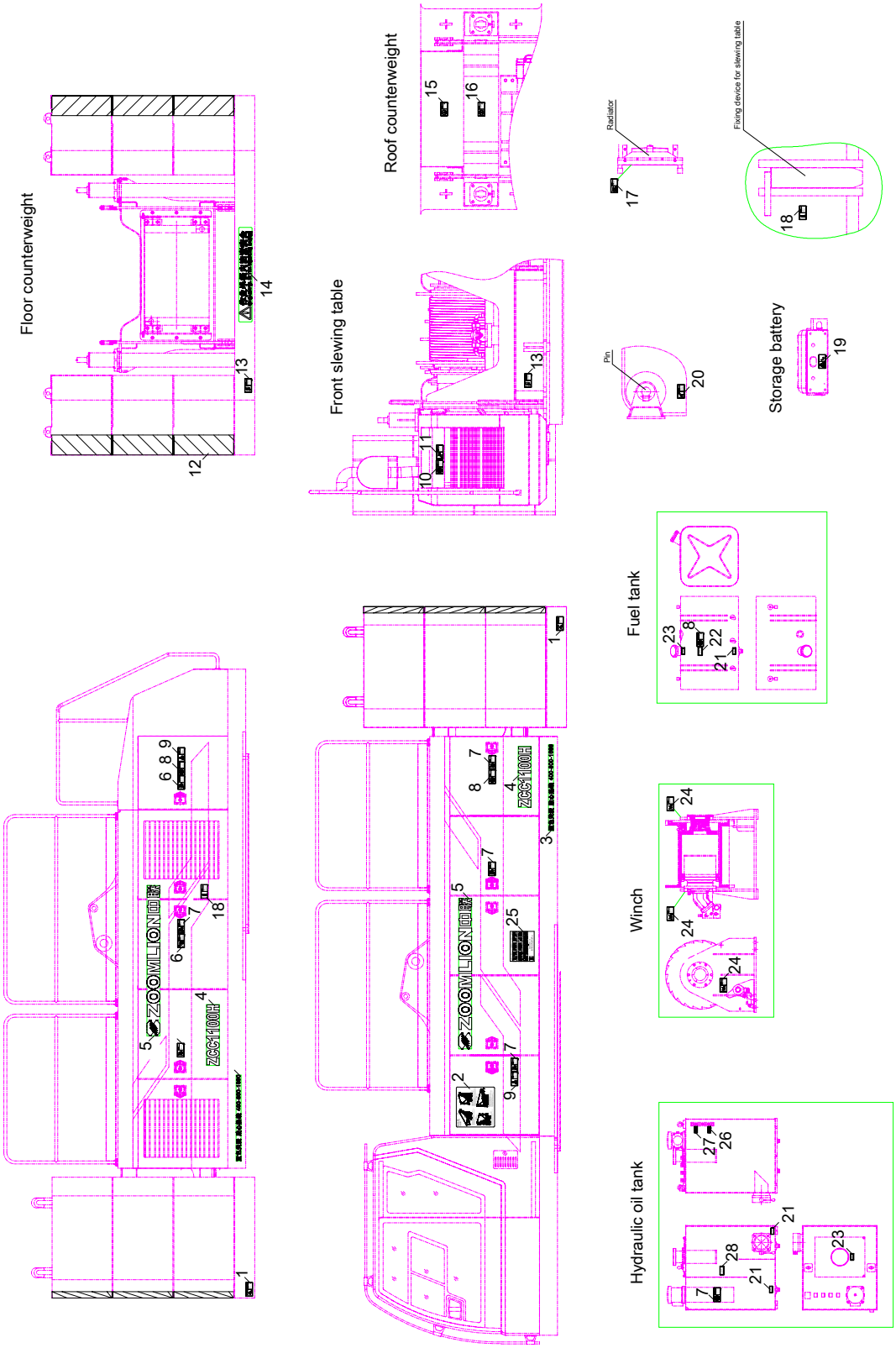
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COOLING & HEATING DEVICE
D1130100675_100026Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1130100675	Cooling & heating device		
1	1139802162	•Right support assembly	1	
2	1139801989	•Condenser assy.	1	
3	1139802016	•High-pressure hose assembly	1	
4	1139802478	•High-pressure hose assembly	1	
5	1139802164	•Left support assembly	1	
6	1139802026	•Liquid reservoir assy.	1	
7	1139802020	•Small support	1	
8	1139802023	•Liquid reservoir clamp	1	
9	1139802165	•High-pressure hose assembly	1	
10	1130100055	•Air compressor	1	
11	1139802166	•High-pressure hose assembly	1	
12	1130100242	•Compressor belt	1	
13	1139802021	•Hot water pipe	2	
14	(1)	•Clamp	8	
15	1139802022	•Pipe fitting	2	

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INSTALLATION OF SIGNS ON SLEWING TABLE
D00663117000600000Y



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INSTALLATION OF SIGNS ON SLEWING TABLE D00663117000600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117000600000	Installation of signs on slewing table		
1	00663117000601030	•Danger sign	2	
2	00663117000601200	•Sign (self-assembly&dismantling process)	1	
3	00663067000201030	•Hotline sign	2	
4	00663117000601020	•Product type sign (ZCC1100H)	2	
5	00663017000001080	•Company identity	2	
6	00663117000601050	•Warning sign	1	
7	00663117000601040	•Caution sign	6	
8	00663117000601060	•Danger sign	4	
9	00663117000601070	•Danger sign	2	
10	00663117000601090	•Warning sign	1	
11	00663117000601100	•Warning sign	1	
12	00663117000601080	•Warning stripe	6	
13	00663117000601170	•Danger sign	2	
14	00663000000004041	•Safety sign I	1	
15	00663117000601180	•Caution sign	1	
16	00663117000601140	•Warning sign	1	
17	00663117000601110	•Warning sign	1	
18	00663117000201080	•Caution sign	2	
19	00663117000601150	•Warning sign	1	
20	00663117000601120	•Hint sign	1	
21	006340000094	•Sign	3	
22	006340000096	•Sign	1	
23	00663607000001100	•Indicating sign	2	
24	00663117000601190	•Danger sign	2	
25	00663117000601130	•Standard hand signal for crane operation	1	
26	006340000100	•Indicating sign	1	
27	006340000099	•Indicating sign	1	
28	006340000095	•Sign	1	
29	00663117000601210	•Company identity (in English)	2	

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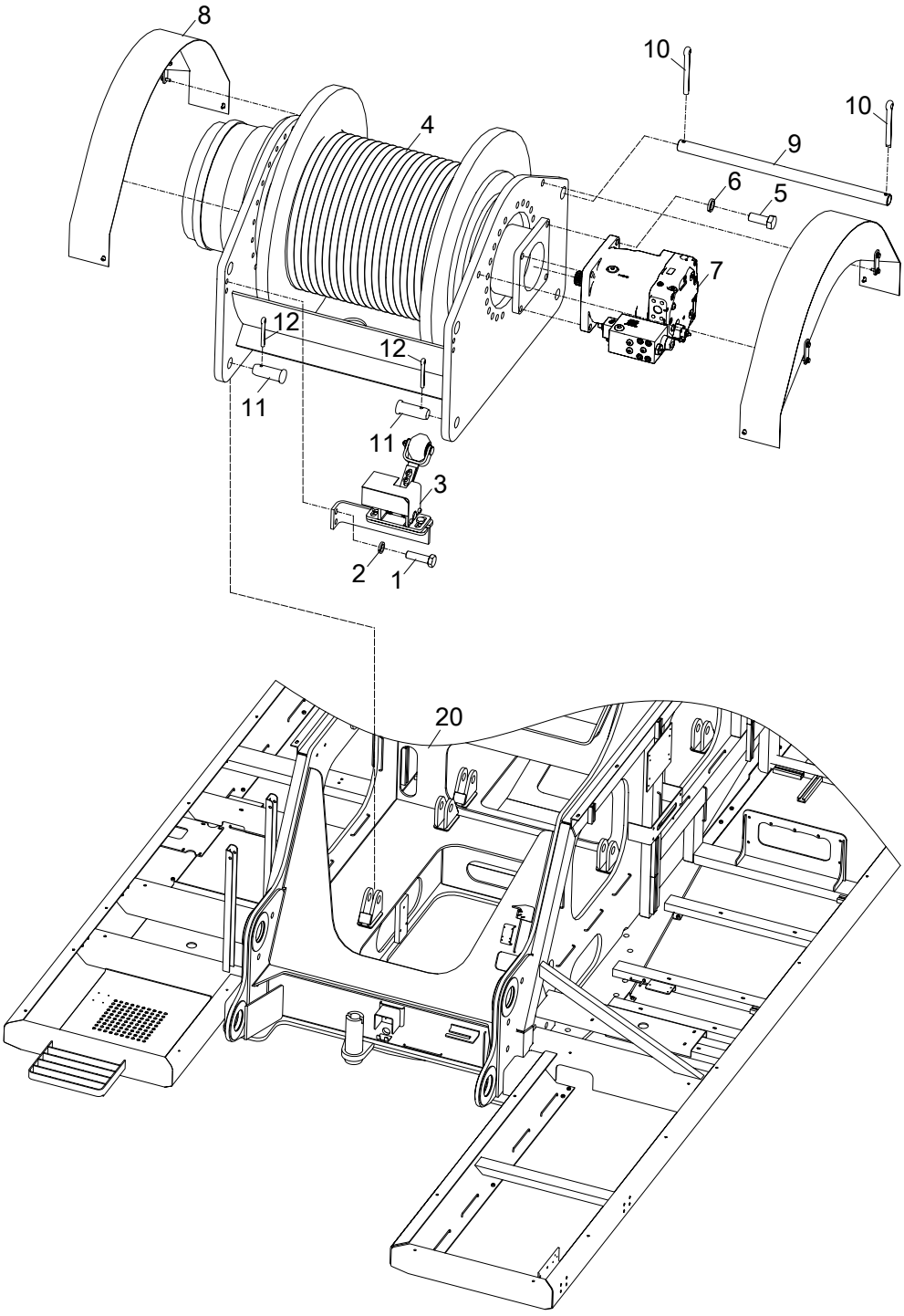
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 5 HOIST GEAR

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HOISTING WINCH 1 (I)
D00663113500200000Y



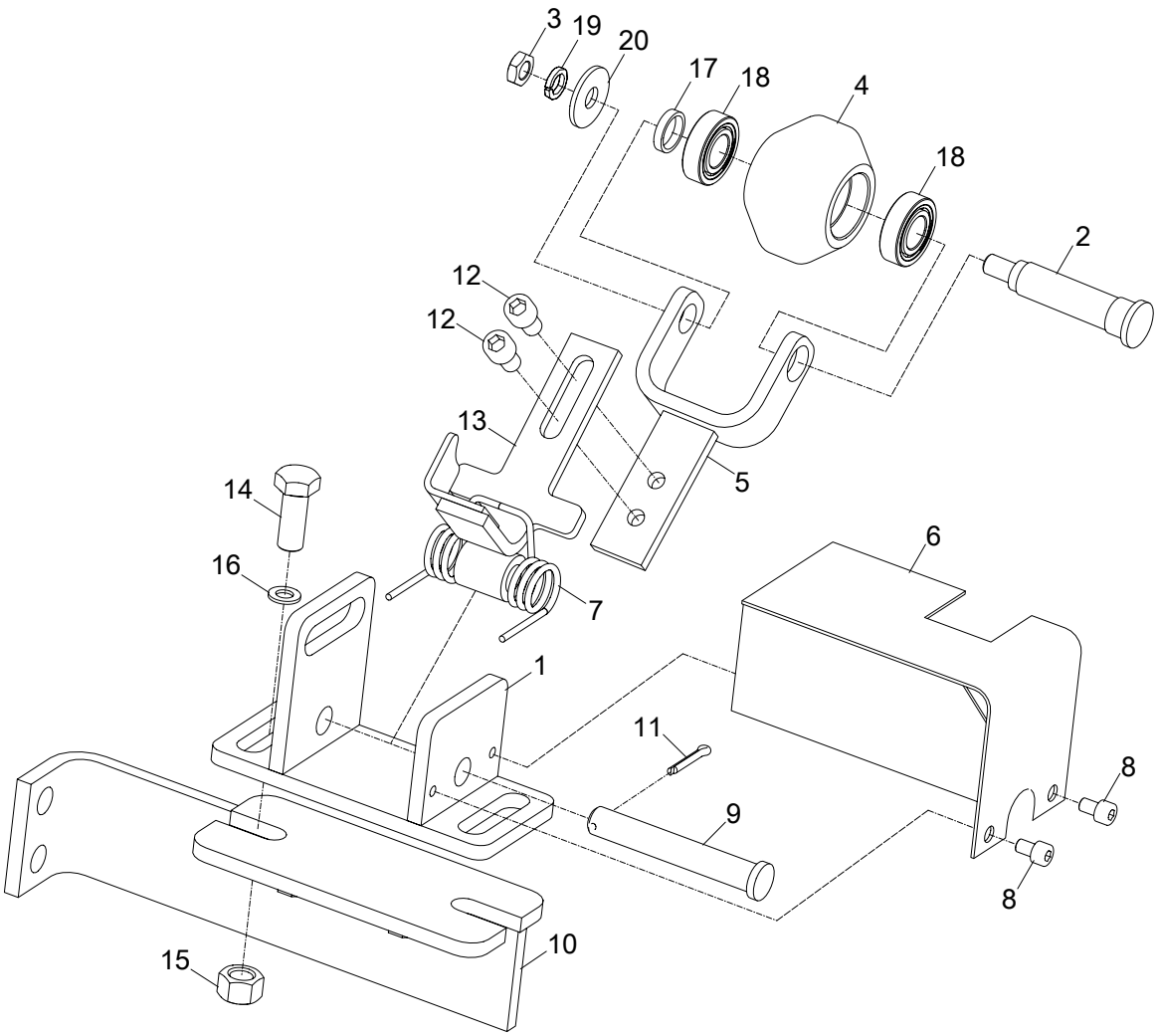
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HOISTING WINCH 1 (I)
D00663113500200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500200000	Hoisting winch 1 (I)		▲
1	1040000177	•Bolt	2	
2	1040300065	•Washer	2	
3	00663113500220000	•Lowering limit switch	1	
4	1030201282	•Winch reducer	1	
5	1040000175	•Bolt	4	
6	1040300038	•Washer	4	
7	00663113500210000	•Linder 210 motor+Bucher balance valve	1	
8	00663113500230000	•Winch protective cover installation	1	
9	00663113500201010	•Rope guard tube	1	
10	1040500040	•Pin	2	
11	00663308000001020	•Pin spindle	4	
12	1040500079	•Pin	4	
13	1090100456	•Rope thimble	1	
14	1090100449	•Rope lock	1	
15	1090100023	•Rope clamp	3	
16	00663302000001051	•Pin spindle	1	
17	006340000006	•Spring-loaded pin	1	
18	00663110400000000	•Proximity switch	1	
19	204050019	•Industrial closed gear oil	15L	
20	00663110400000000	Proximity switch	1	

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LOWERING LIMIT SWITCH
D00663113500220000Y



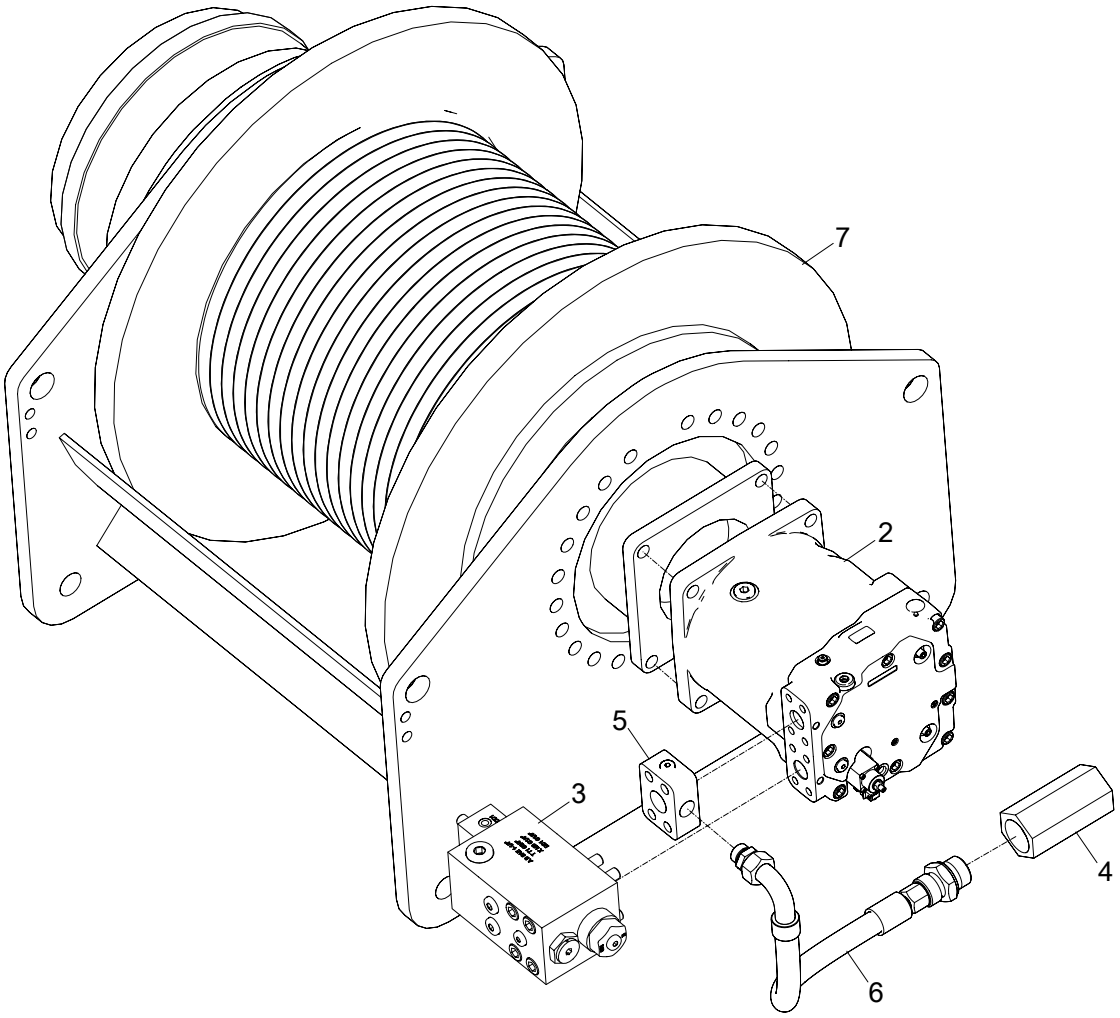
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LOWERING LIMIT SWITCH
D00663113500220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500220000	Lowering limit switch		
1	00663113500220010	•Connecting plate	1	
2	00663113500221040	•Shaft	1	
3	1040200088	•Nut	1	
4	00663113500221020	•Guide roller	1	
5	00663113500220040	•Support	1	
6	00663113500220050	•Protective cover	1	
7	00663113500221010	•Double torsional spring	1	
8	1040100260	•Screw	2	
9	00663113500221030	•Pipe	1	
10	00663113500220020	•Connecting seat	1	
11	1040500060	•Pin	1	
12	1040100157	•Screw	2	
13	00663113500220030	•Rotating bracket	1	
14	1040000082	•Bolt	2	
15	1040200110	•Nut	2	
16	1040300183	•Washer	2	
17	00663113500221050	•Spacing sleeve	1	
18	1050200116	•Rolling bearing	2	
19	1040300054	•Washer	1	
20	1040300081	•Washer	1	

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LINDER 210 MOTOR+BUCHER BALANCE VALVE D00663113500210000Y



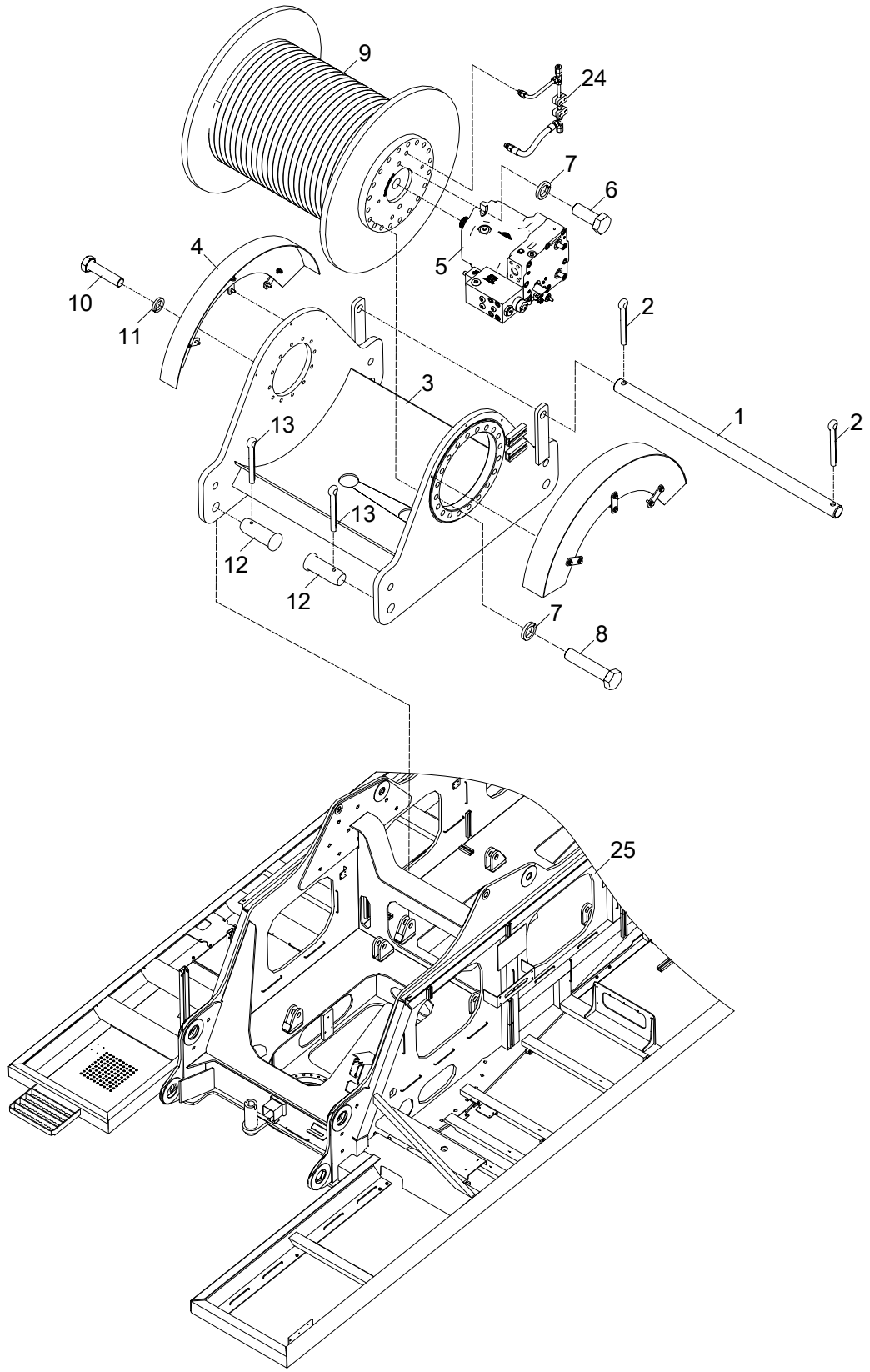
https://truckmanualshub.com/

LINDER 210 MOTOR+BUCHER BALANCE VALVE D00663113500210000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500210000	Linder 210 motor+Bucher balance valve		
1	1010300148	•Solenoid valve	1	
2	1010100572	•Variable motor	1	
3	1010301194	•Hoisting control balance valve	1	
4	1010300071	•S-shaped check valve	1	
5	00663113500211010	Flange fitting	1	
6	1140209038	Hose assy.	1	
7	1030201282	Winch reducer	1	

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HOISTING WINCH 1
D00663113500400000Y



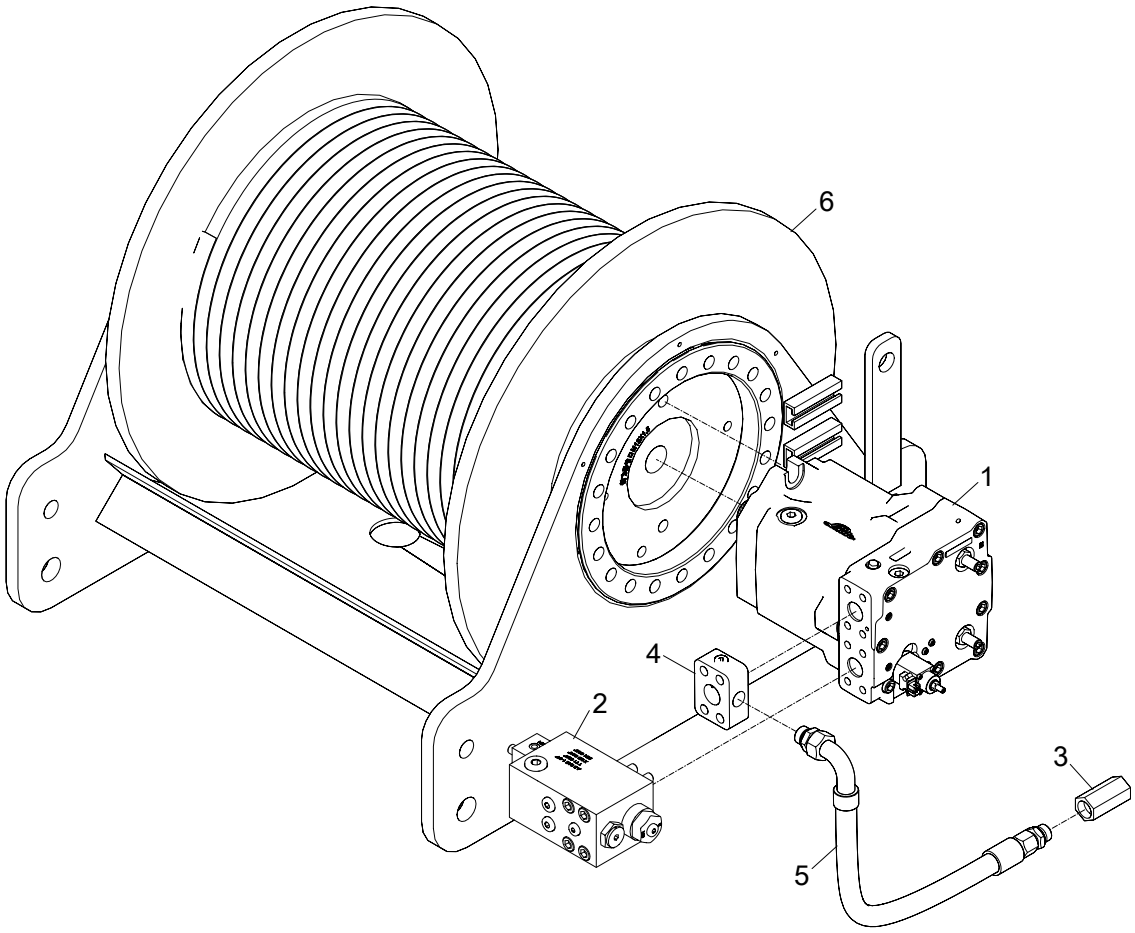
https://truckmanualshub.com/

HOISTING WINCH 1
D00663113500400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500400000	Hoisting winch 1		△
1	00663113500401010	•Rope guard tube	1	
2	1040500040	•Pin	2	
3	00663113500410001	•Winch support	1	
4	00663113500420000	•Winch protective cover installation	1	
5	00663113500430000	•Linder 165 motor+Bucher balance valve	1	
6	1040000175	•Bolt	2	
7	1040300038	•Washer	22	
8	1040000340	•Bolt	20	
9	1030201281	•Winch reducer	1	
10	1040000286	•Bolt	12	
11	1040300065	•Washer	12	
12	00663308000001020	•Pin spindle	4	
13	1040500079	•Pin	4	
14	1090100456	•Rope thimble	1	
15	1090100449	•Rope lock	1	
16	1090100023	•Rope clamp	3	
17	00663302000001051	•Pin spindle	1	
18	006340000006	•Spring-loaded pin	1	
19	204050019	•Industrial closed gear oil	7L	
20	204110014	•Lithium-based Grease	0.01kg	
21	1020404188	•Lowering limit switch	1	
22	1040100004	•Screw	3	
23	1040300062	•Washer	3	
24	00663113500440001	•Pipeline assy. for maintenance	1	
25	00663110400000000	Slewing table attachments welded	1	

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LINDER 165 MOTOR+BUCHER BALANCE VALVE D00663113500430000Y



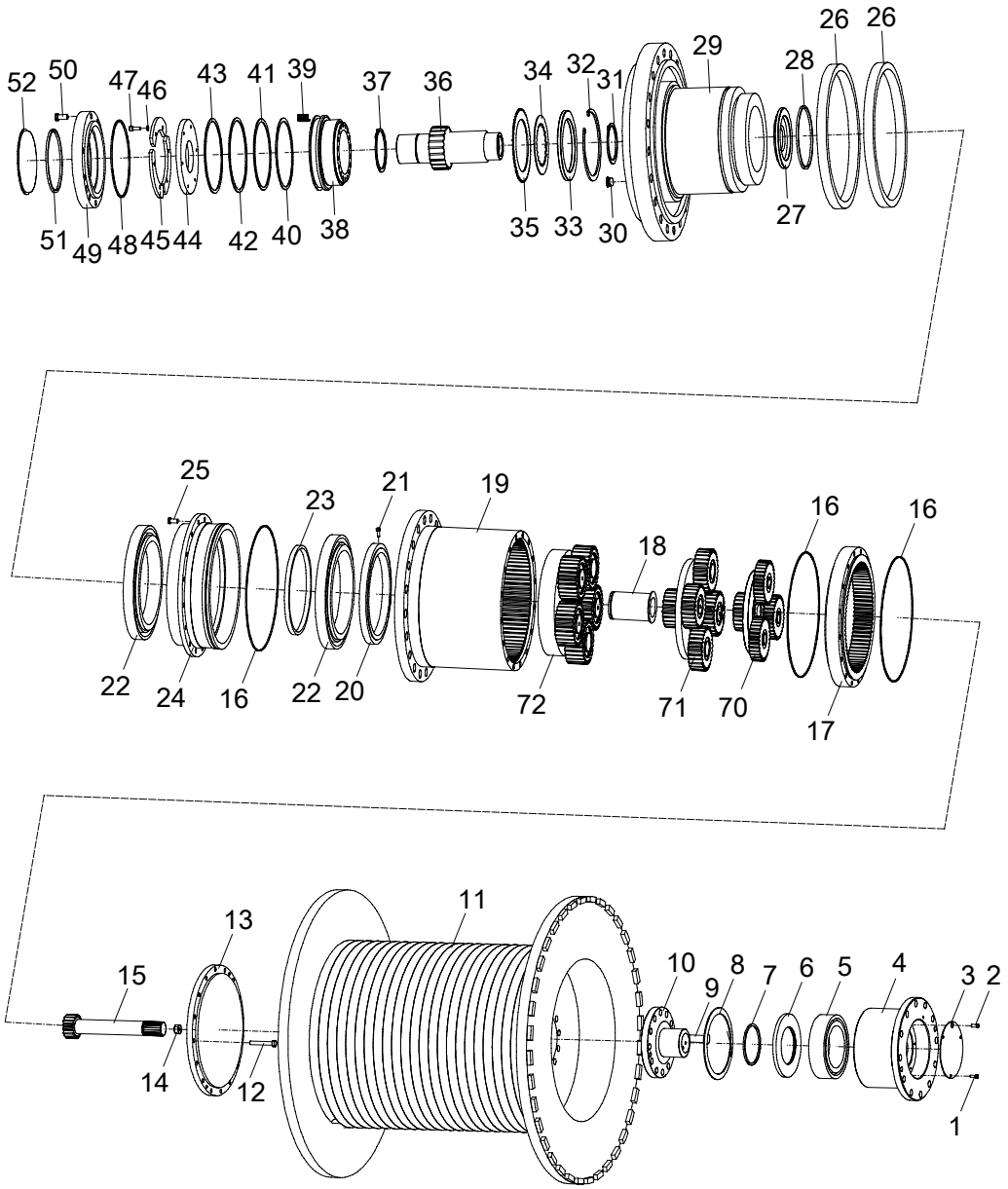
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LINDER 165 MOTOR+BUCHER BALANCE VALVE D00663113500430000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500430000	Linder 165 motor+Bucher balance valve		
1	1010100573	•Variable motor	1	
2	1010301194	•Hoisting control balance valve	1	
3	1010300071	•S-shaped check valve	1	
4	00663113500211010	Flange fitting	1	
5	1140209038	Hose assy.	1	
6	1030201281	Winch reducer	1	

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WINCH REDUCER
D1030201281_100014Y



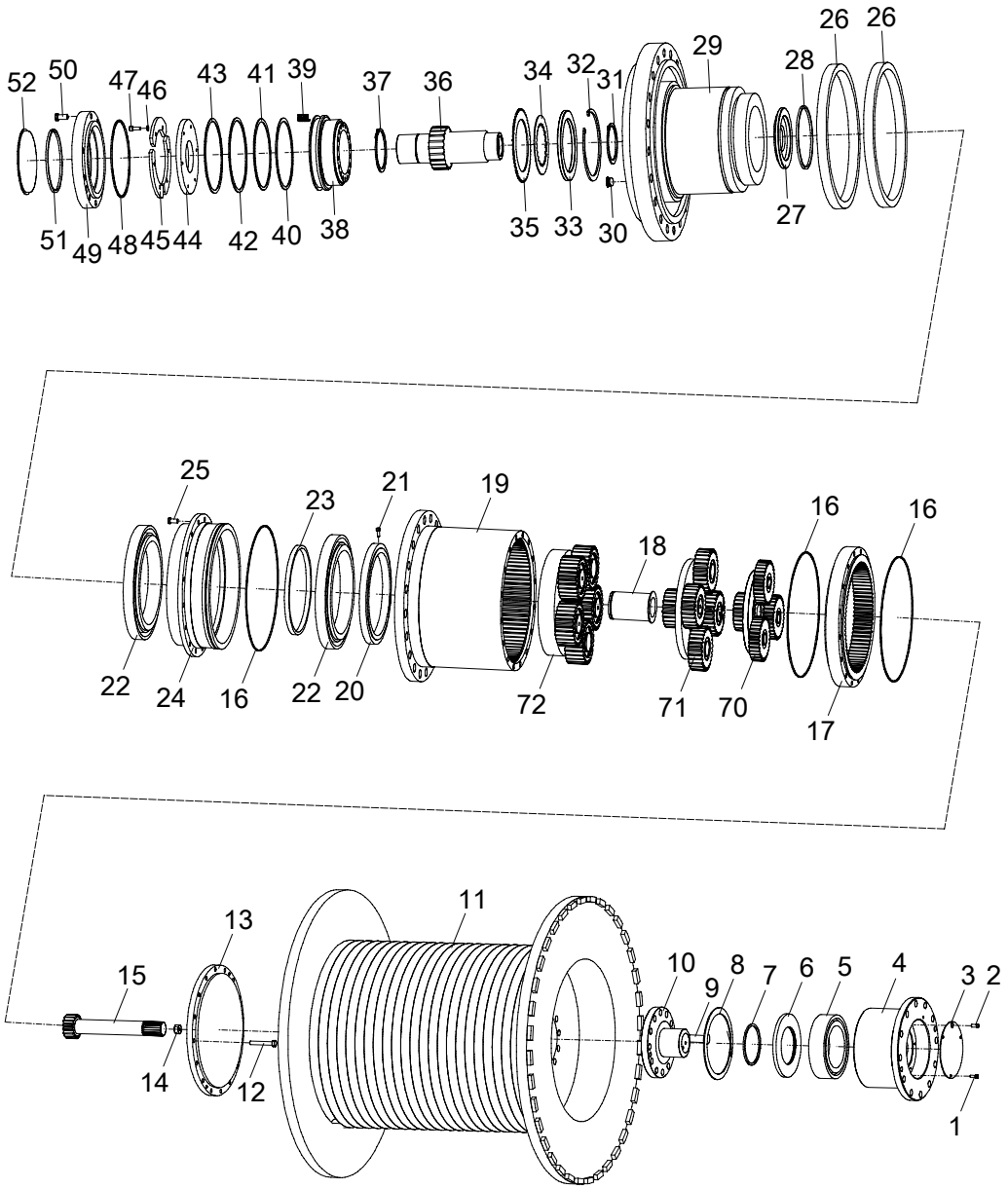
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WINCH REDUCER
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
1	(1)	•Bolt	3	
2	(2)	•Lubricate cap	1	
3	(3)	•Right Dust cap	1	
4	(4)	•Bearing seat	1	
5	(5)	•Bearing	1	
6	(6)	•Oil seal ring	1	
7	(7)	•Felt circle	1	
8	(8)	•Elastic ring	1	
9	(9)	•Bolt	12	
10	(10)	•Supporting axle	1	
11	(11)	•Reel	1	
12	(12)	•Bolt	16	
13	(13)	•End cover	1	
14	(14)	•Cushion	1	
15	(15)	•First-level sun gear	1	
16	(16)	•O circle	3	
17	(17)	•First-level tooth ring	1	
18	(18)	•Elastic ring	1	
19	(19)	•Big tooth ring	1	
20	(20)	•Stopping nut	1	
21	(21)	•Bolt	1	
22	(22)	•Bearing seat	2	
23	(23)	•Stopping nut	1	
24	(24)	•Bearing seat	1	
25	(25)	•Bolt	16	
26	(26)	•Floats the sealing ring	2	
27	(27)	•Elastic ring	1	
28	(28)	•Back plate	1	
29	(29)	•Altar	1	
30	(30)	•Thread plug	3	
31	(31)	•Elastic ring	1	
32	(32)	•Elastic ring	1	
33	(33)	•Back plate	1	
34	1039804776	•External friction lining	9	

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WINCH REDUCER
D1030201281_100014Y



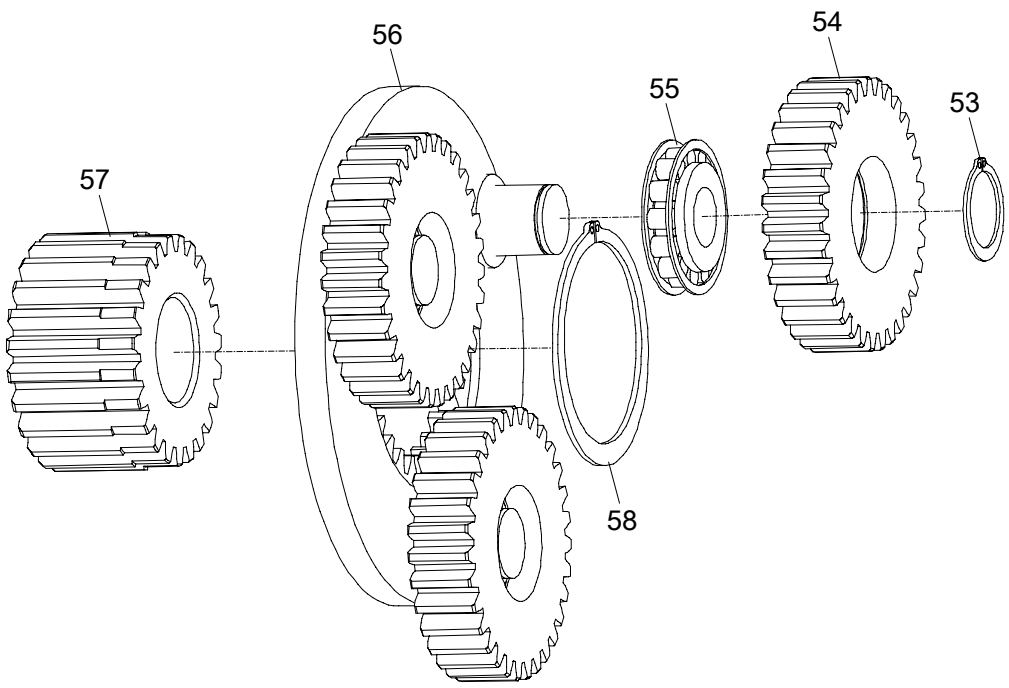
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WINCH REDUCER
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1009803831	•Internal friction piece	8	
36	(34)	•Splinted tube	1	
37	(35)	•Elastic ring	1	
38	1009803829	•Spring	1	
39	1039804385	•Spring	18	
40	(36)	•Elastic ring	1	
41	(37)	•O circle	1	
42	(38)	•O circle	1	
43	(39)	•Elastic ring	1	
44	(40)	•Clamp	1	
45	1009803830	•Washer	1	
46	(41)	•Stopping nut	6	
47	(42)	•Bolt	6	
48	(43)	•O circle	1	
49	(44)	•The motor takes over a business	1	
50	(45)	•Bolt	8	
51	(46)	•O circle	1	
52	(47)	•Dust cap	1	
70	(65)	•Primary planet carrier assy.	1	
71	(66)	•Secondary planet carrier assy.	1	
72	(67)	•Third planet carrier assy.	1	

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WINCH REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030201281_100014Y



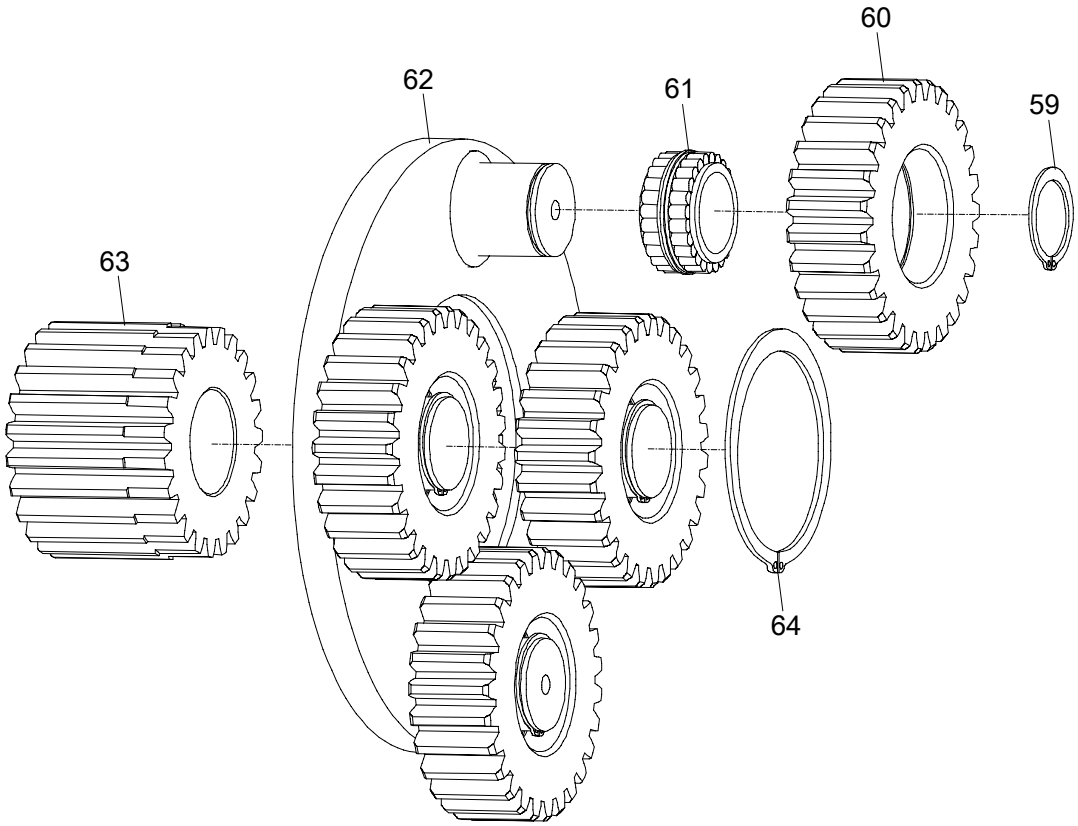
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WINCH REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
53	(48)	•Elastic ring	3	
54	(49)	•First-level planetary gear	3	
55	(50)	•Bearing	3	
56	(51)	•First-level planet carrier	1	
57	(52)	•Second-level sun gear	1	
58	(53)	•Elastic ring	1	

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WINCH REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030201281_100014Y



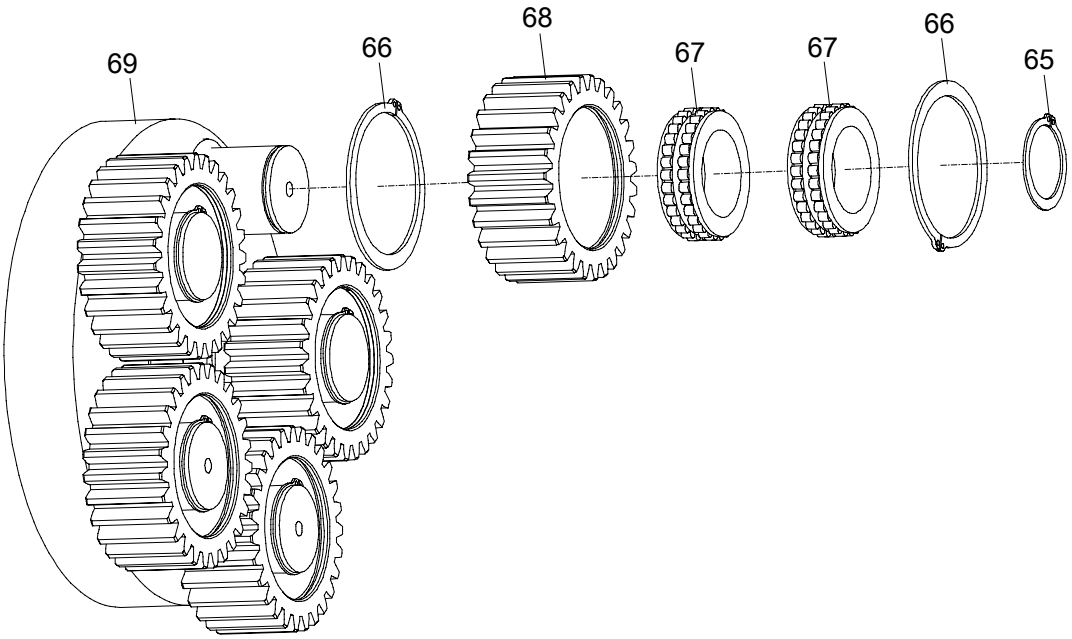
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WINCH REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
59	(54)	•Elastic ring	4	
60	(55)	•Second-level planetary gear	4	
61	(56)	•Bearing	4	
62	(57)	•Second-level planet carrier	1	
63	(58)	•Third-level sun gear	1	
64	(59)	•Elastic ring	1	

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WINCH REDUCER(THIRD PLANET CARRIER ASSY.)
D1030201281_100014Y



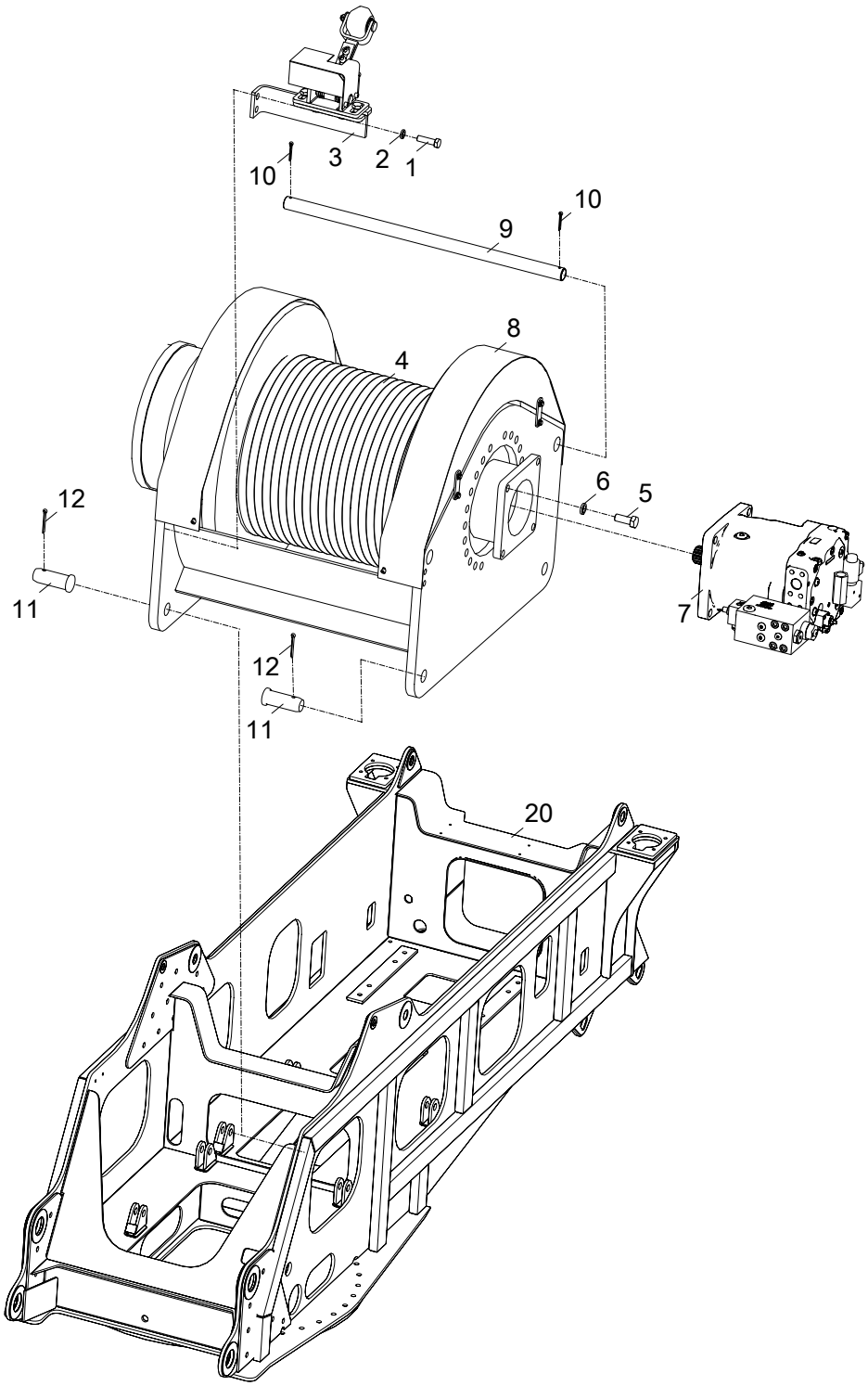
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WINCH REDUCER(THIRD PLANET CARRIER ASSY.)
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
65	(60)	•Elastic ring	5	
66	(61)	•Elastic ring	10	
67	(62)	•Bearing	10	
68	(63)	•Third-level planetary gear	5	
69	(64)	•Three levels of planet carriers	1	

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HOISTING WINCH 2 (I)
D00663113500600000Y



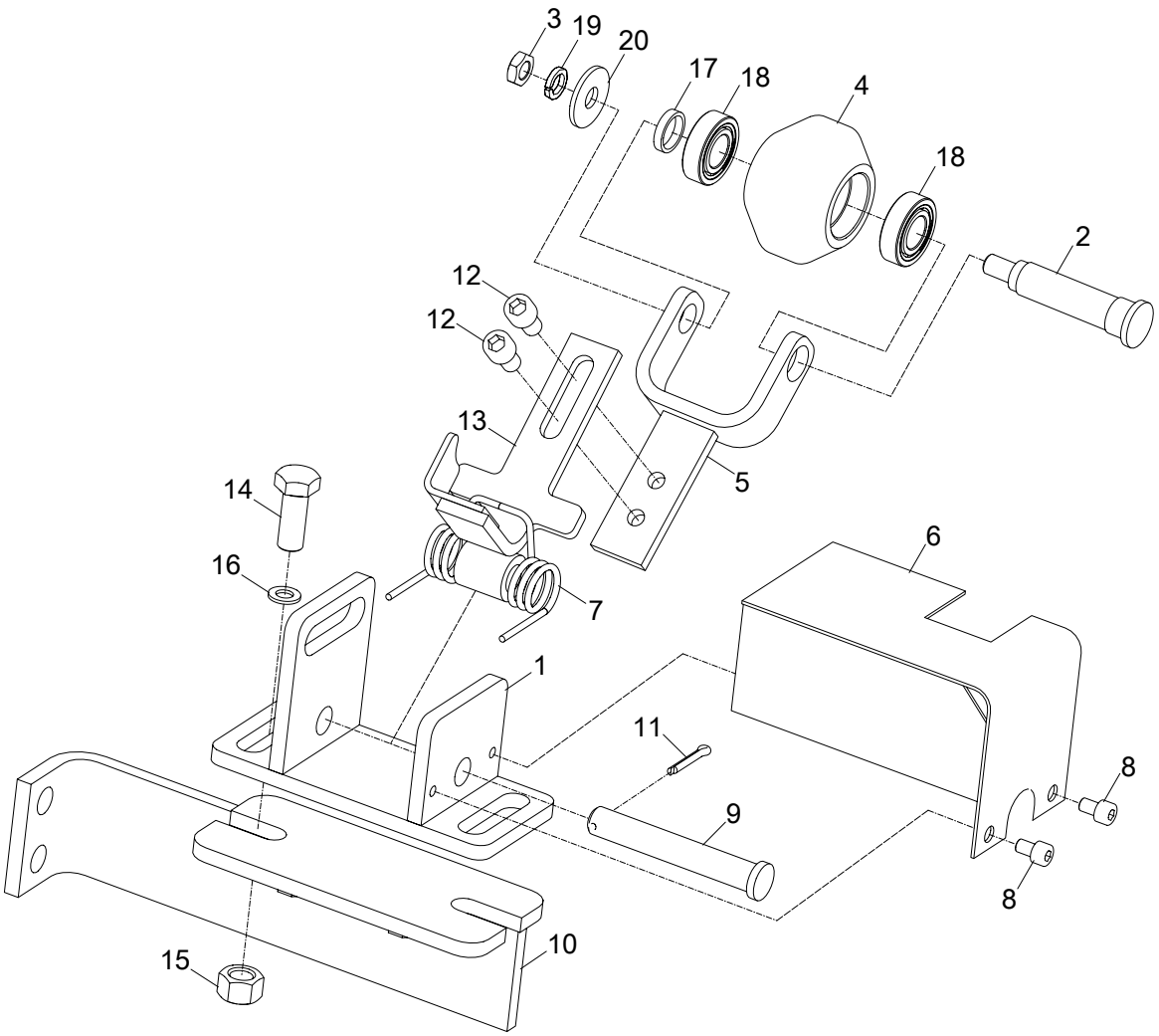
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HOISTING WINCH 2 (I)
D00663113500600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500600000	Hoisting winch 2 (I)		▲
1	1040000177	•Bolt	2	
2	1040300065	•Washer	2	
3	00663113500220000	•Lowering limit switch	1	
4	1030201282	•Winch reducer	1	
5	1040000175	•Bolt	4	
6	1040300038	•Washer	4	
7	00663113500210000	•Linder 210 motor+Bucher balance valve	1	
8	00663113500230000	•Winch protective cover installation	1	
9	00663113500201010	•Rope guard tube	1	
10	1040500040	•Pin	2	
11	00663308000001020	•Pin spindle	4	
12	1040500079	•Pin	4	
13	1090100456	•Rope thimble	1	
14	1090100449	•Rope lock	1	
15	1090100023	•Rope clamp	1	
16	00663302000001051	•Pin spindle	1	
17	006340000006	•Retaining spring (D50, 55)	1	
18	1021402980	•Proximity switch	1	
19	204050019	•Industrial closed gear oil	1	
20		Slewing table	1	

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LOWERING LIMIT SWITCH
D00663113500220000Y



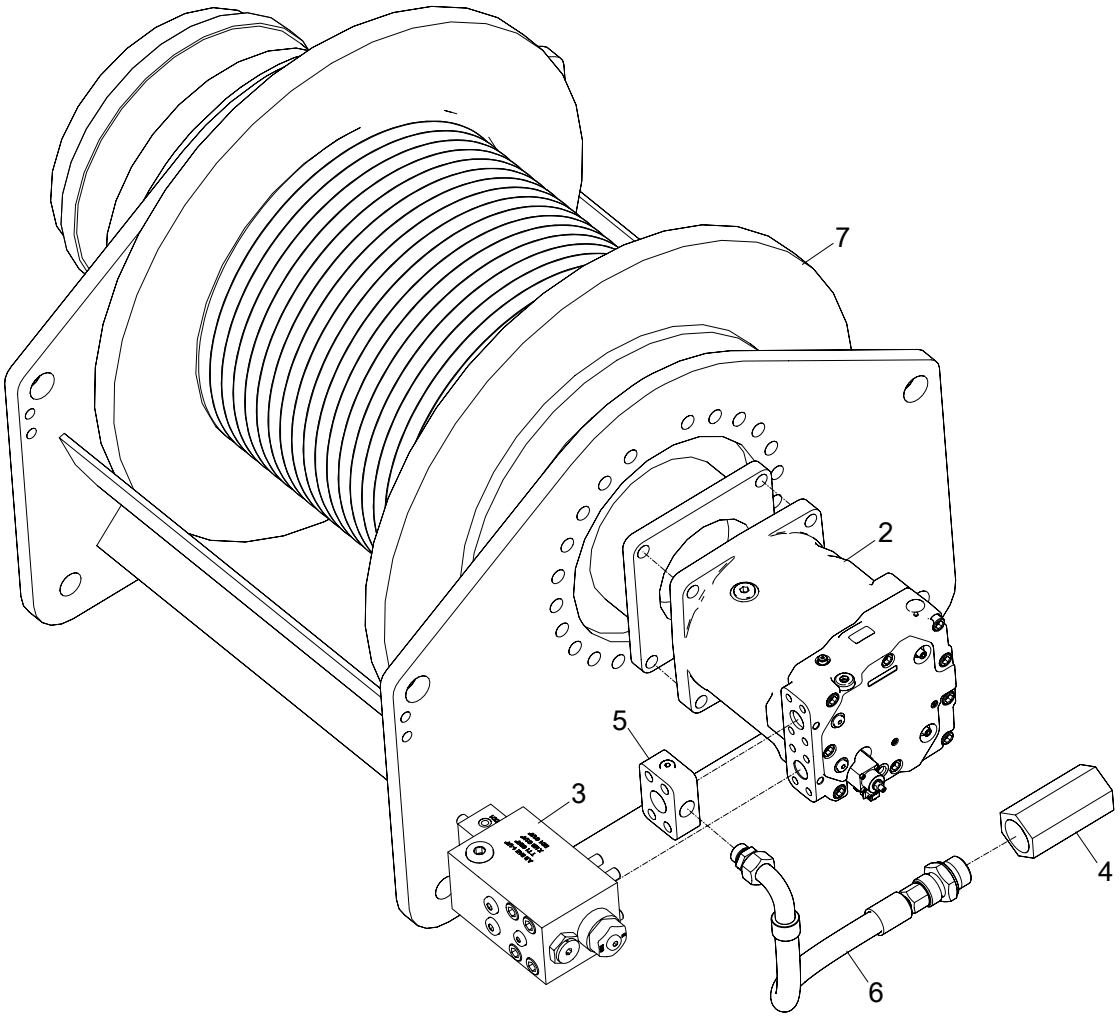
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LOWERING LIMIT SWITCH
D00663113500220000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500220000	Lowering limit switch		
1	00663113500220010	•Connecting plate	1	
2	00663113500221040	•Shaft	1	
3	1040200088	•Nut	1	
4	00663113500221020	•Guide roller	1	
5	00663113500220040	•Support	1	
6	00663113500220050	•Protective cover	1	
7	00663113500221010	•Double torsional spring	1	
8	1040100260	•Screw	2	
9	00663113500221030	•Pipe	1	
10	00663113500220020	•Connecting seat	1	
11	1040500060	•Pin	1	
12	1040100157	•Screw	2	
13	00663113500220030	•Rotating bracket	1	
14	1040000082	•Bolt	2	
15	1040200110	•Nut	2	
16	1040300183	•Washer	2	
17	00663113500221050	•Spacing sleeve	1	
18	1050200116	•Rolling bearing	2	
19	1040300054	•Washer	1	
20	1040300081	•Washer	1	

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LINDER 210 MOTOR+BUCHER BALANCE VALVE D00663113500210000Y



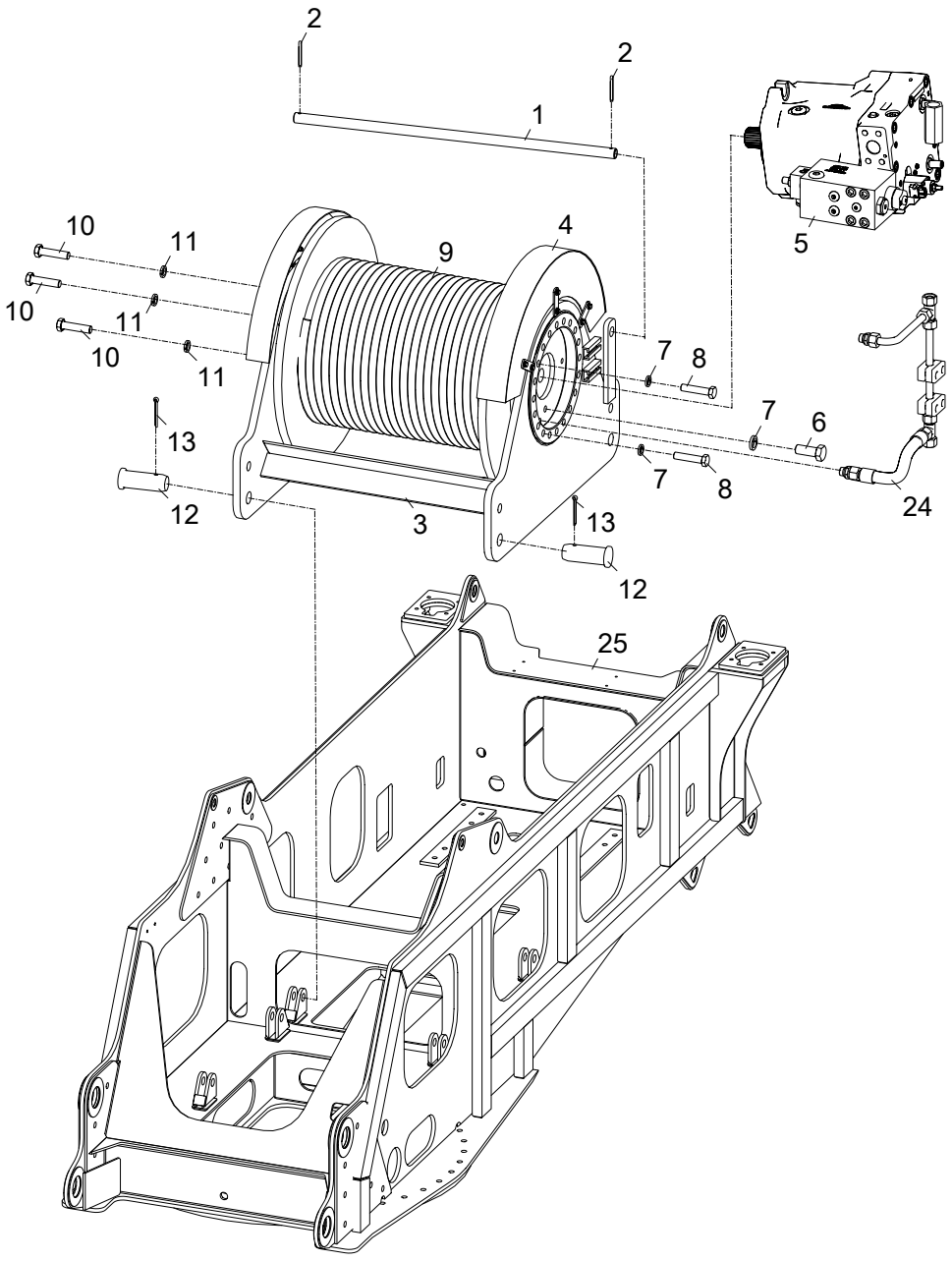
https://truckmanualshub.com/

LINDER 210 MOTOR+BUCHER BALANCE VALVE D00663113500210000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500210000	Linder 210 motor+Bucher balance valve		
1	1010300148	•Solenoid valve	1	
2	1010100572	•Variable motor	1	
3	1010301194	•Hoisting control balance valve	1	
4	1010300071	•S-shaped check valve	1	
5	00663113500211010	Flange fitting	1	
6	1140209038	Hose assy.	1	
7	1030201282	Winch reducer	1	

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HOISTING WINCH 2
D00663113500800000Y



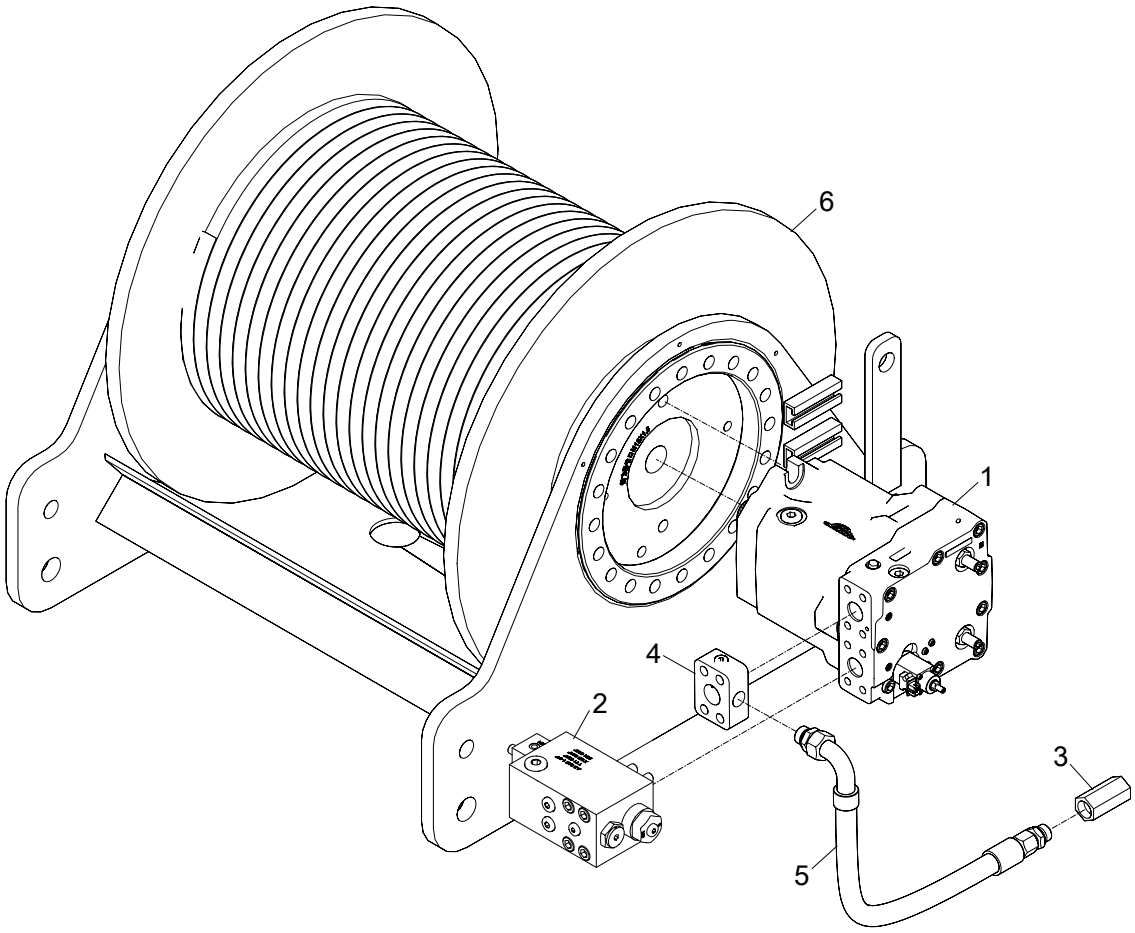
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HOISTING WINCH 2
D00663113500800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500800000	Hoisting winch 2	1	△
1	00663113500401010	•Rope guard tube	1	
2	1040500040	•Pin	2	
3	00663113500410001	•Winch support	1	
4	00663113500420000	•Winch protective cover installation	1	
5	00663113500430000	•Linder 165 motor+Bucher balance valve	1	
6	1040000175	•Bolt	2	
7	1040300038	•Washer	22	
8	1040000340	•Bolt	20	
9	1030201281	•Winch reducer	1	
10	1040000286	•Bolt	12	
11	1040300065	•Washer	12	
12	00663308000001020	•Pin spindle	4	
13	1040500079	•Pin	4	
14	1090100456	•Rope thimble	1	
15	1090100449	•Rope lock	1	
16	1090100023	•Rope clamp	1	
17	00663302000001051	•Pin spindle	1	
18	006340000006	•Retaining spring (D50, 55)	1	
19	204050019	•Industrial closed gear oil	1	
20	204110014	•Lithium-based Grease	1	
21	1020404188	•Lowering limit switch	1	
22	1040100004	•Screw	1	
23	1040300062	•Washer	1	
24	00663113500440001	•Pipeline assy. for maintenance	1	
25		Slewing table		

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LINDER 165 MOTOR+BUCHER BALANCE VALVE D00663113500430000Y



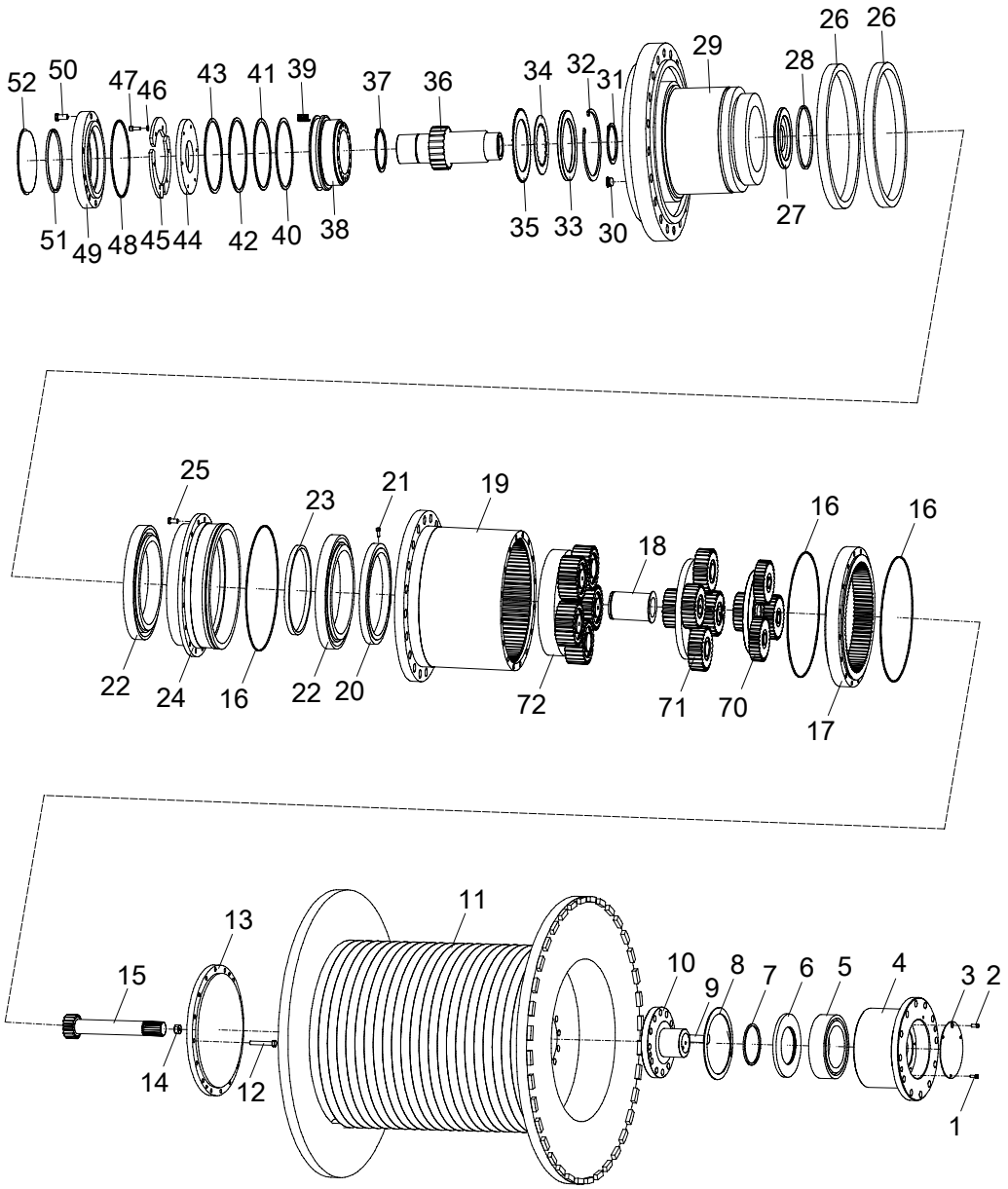
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LINDER 165 MOTOR+BUCHER BALANCE VALVE D00663113500430000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500430000	Linder 165 motor+Bucher balance valve		
1	1010100573	•Variable motor	1	
2	1010301194	•Hoisting control balance valve	1	
3	1010300071	•S-shaped check valve	1	
4	00663113500211010	Flange fitting	1	
5	1140209038	Hose assy.	1	
6	1030201281	Winch reducer	1	

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WINCH REDUCER
D1030201281_100014Y



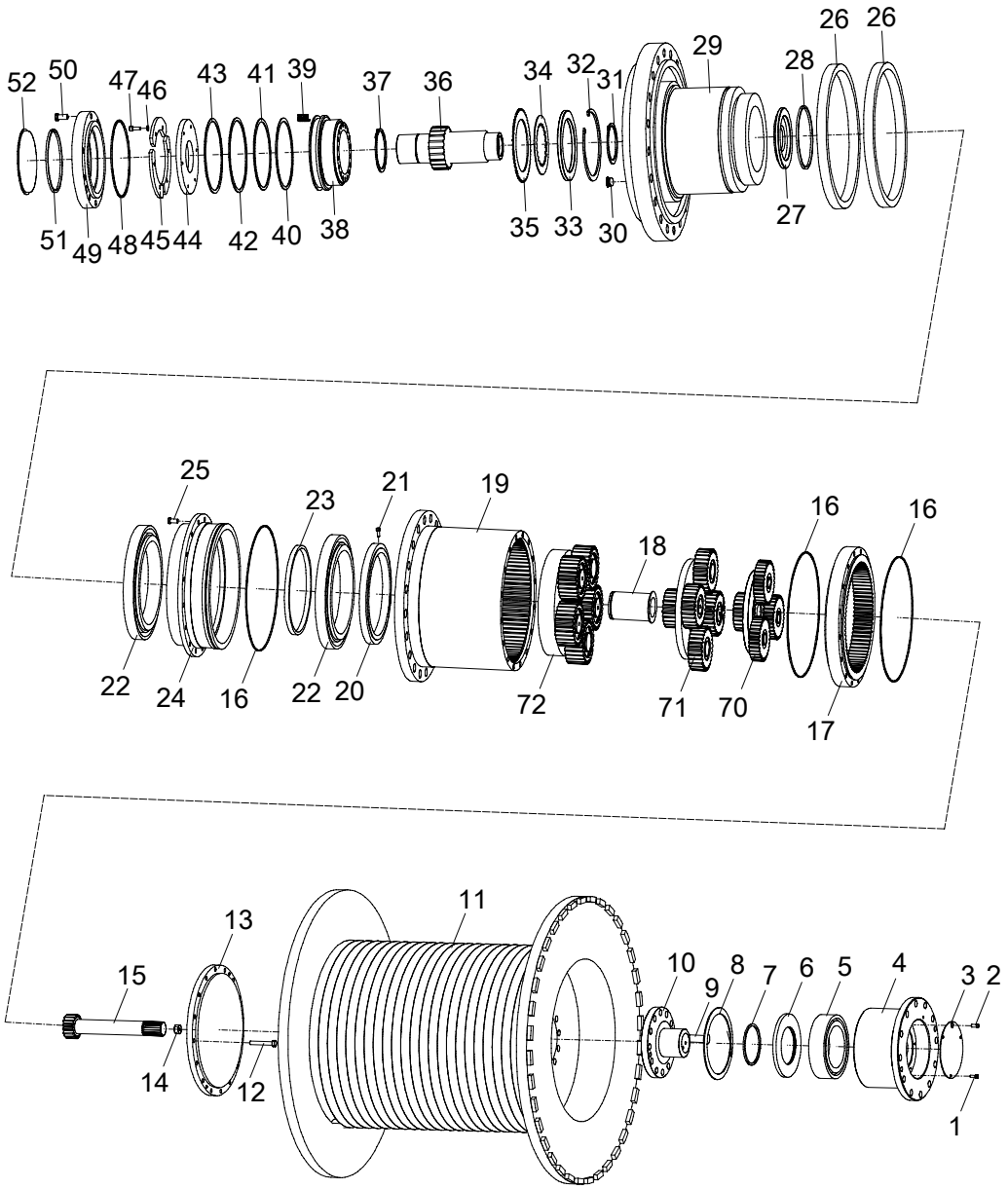
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WINCH REDUCER
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
1	(1)	•Bolt	3	
2	(2)	•Lubricate cap	1	
3	(3)	•Right Dust cap	1	
4	(4)	•Bearing seat	1	
5	(5)	•Bearing	1	
6	(6)	•Oil seal ring	1	
7	(7)	•Felt circle	1	
8	(8)	•Elastic ring	1	
9	(9)	•Bolt	12	
10	(10)	•Supporting axle	1	
11	(11)	•Reel	1	
12	(12)	•Bolt	16	
13	(13)	•End cover	1	
14	(14)	•Cushion	1	
15	(15)	•First-level sun gear	1	
16	(16)	•O circle	3	
17	(17)	•First-level tooth ring	1	
18	(18)	•Elastic ring	1	
19	(19)	•Big tooth ring	1	
20	(20)	•Stopping nut	1	
21	(21)	•Bolt	1	
22	(22)	•Bearing seat	2	
23	(23)	•Stopping nut	1	
24	(24)	•Bearing seat	1	
25	(25)	•Bolt	16	
26	(26)	•Floats the sealing ring	2	
27	(27)	•Elastic ring	1	
28	(28)	•Back plate	1	
29	(29)	•Altar	1	
30	(30)	•Thread plug	3	
31	(31)	•Elastic ring	1	
32	(32)	•Elastic ring	1	
33	(33)	•Back plate	1	
34	1039804776	•External friction lining	9	

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WINCH REDUCER
D1030201281_100014Y



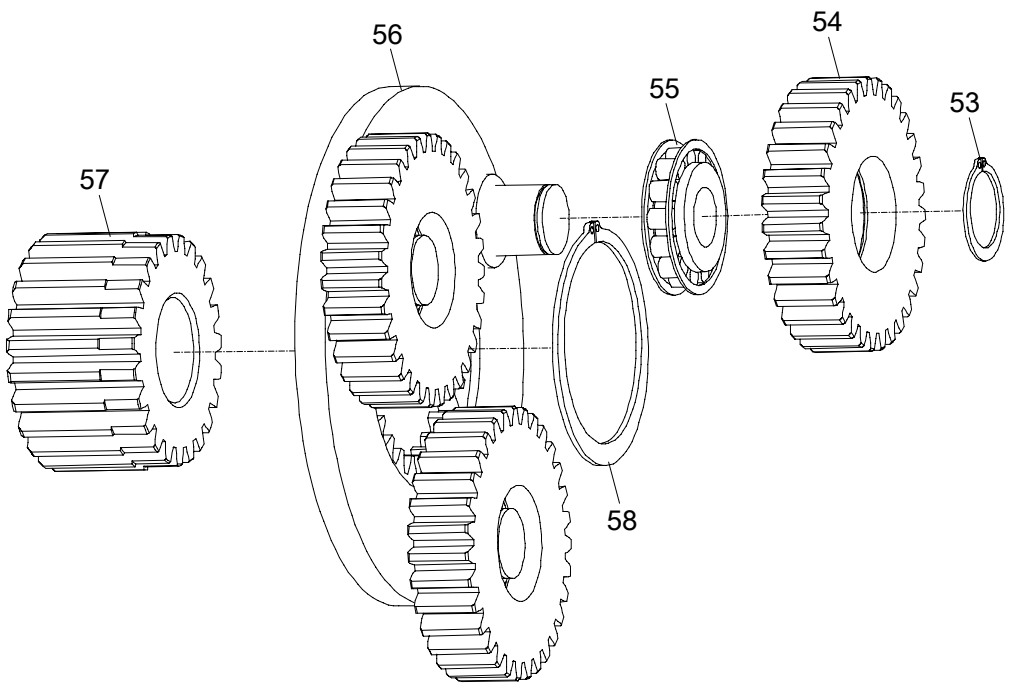
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WINCH REDUCER
D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1009803831	•Internal friction piece	8	
36	(34)	•Splinted tube	1	
37	(35)	•Elastic ring	1	
38	1009803829	•Spring	1	
39	1039804385	•Spring	18	
40	(36)	•Elastic ring	1	
41	(37)	•O circle	1	
42	(38)	•O circle	1	
43	(39)	•Elastic ring	1	
44	(40)	•Clamp	1	
45	1009803830	•Washer	1	
46	(41)	•Stopping nut	6	
47	(42)	•Bolt	6	
48	(43)	•O circle	1	
49	(44)	•The motor takes over a business	1	
50	(45)	•Bolt	8	
51	(46)	•O circle	1	
52	(47)	•Dust cap	1	
70	(65)	•Primary planet carrier assy.	1	
71	(66)	•Secondary planet carrier assy.	1	
72	(67)	•Third planet carrier assy.	1	

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WINCH REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030201281_100014Y



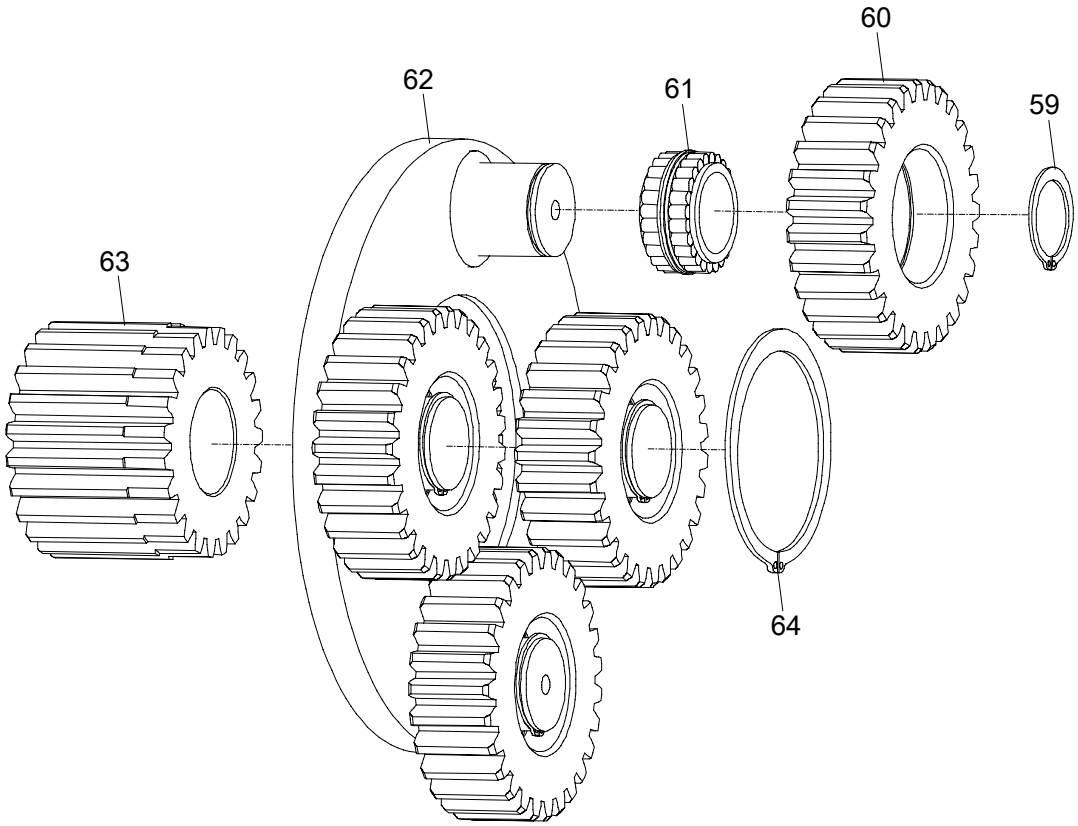
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WINCH REDUCER(PRIMARY PLANET CARRIER ASSY.) D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
53	(48)	•Elastic ring	3	
54	(49)	•First-level planetary gear	3	
55	(50)	•Bearing	3	
56	(51)	•First-level planet carrier	1	
57	(52)	•Second-level sun gear	1	
58	(53)	•Elastic ring	1	

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WINCH REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030201281_100014Y



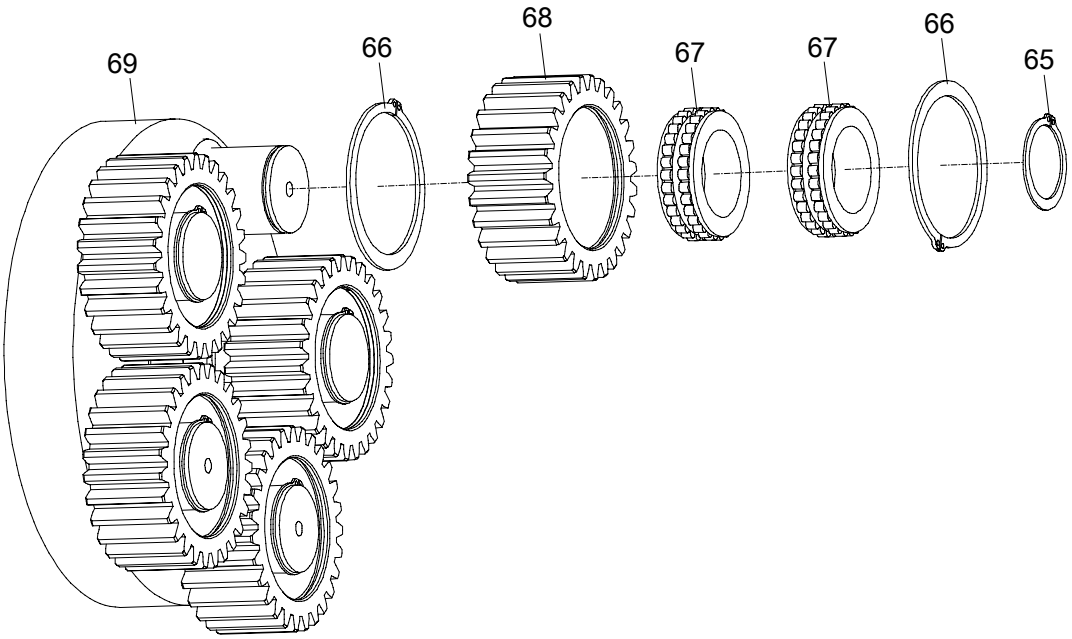
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WINCH REDUCER(SECONDARY PLANET CARRIER ASSY.) D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
59	(54)	•Elastic ring	4	
60	(55)	•Second-level planetary gear	4	
61	(56)	•Bearing	4	
62	(57)	•Second-level planet carrier	1	
63	(58)	•Third-level sun gear	1	
64	(59)	•Elastic ring	1	

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WINCH REDUCER(THIRD PLANET CARRIER ASSY.)
D1030201281_100014Y



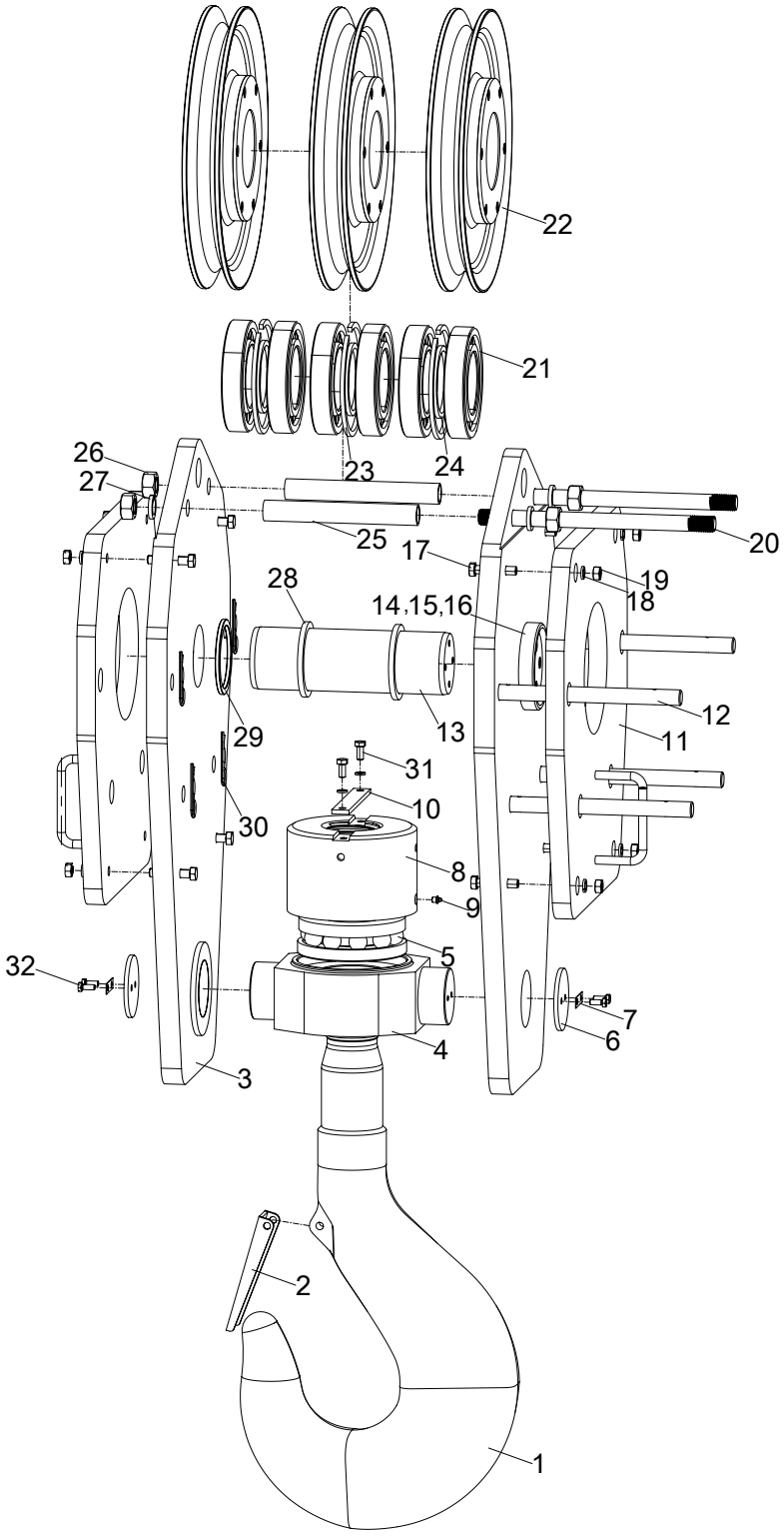
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WINCH REDUCER(THIRD PLANET CARRIER ASSY.) D1030201281_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201281	Winch reducer		
65	(60)	•Elastic ring	5	
66	(61)	•Elastic ring	10	
67	(62)	•Bearing	10	
68	(63)	•Third-level planetary gear	5	
69	(64)	•Three levels of planet carriers	1	

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50T LOAD HOOK (55 US TON)
D00663114200200000_100017Y



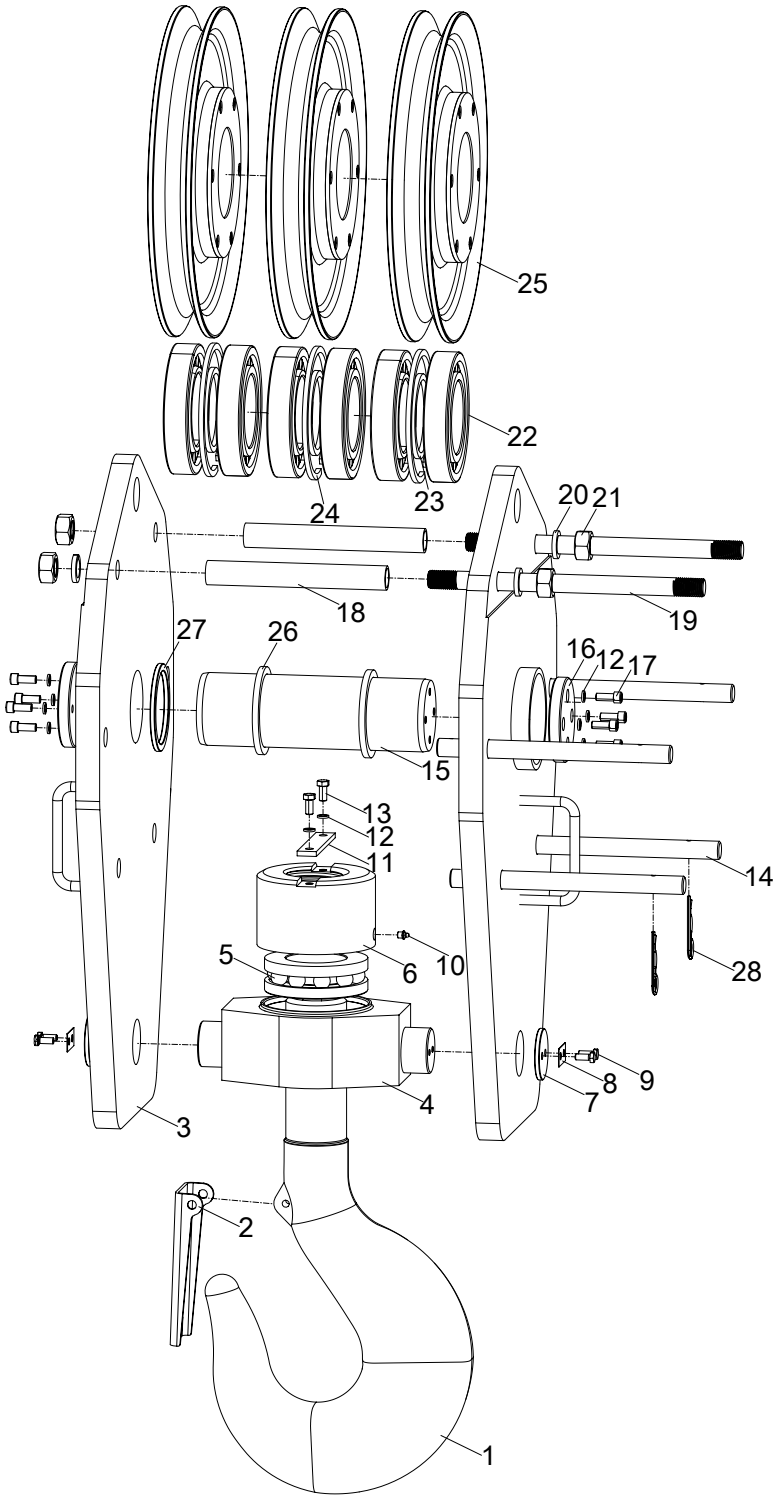
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50T LOAD HOOK (55 US TON)
D00663114200200000_100017Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114200200000	50t load hook (55 US ton)		▼
1	00663114200201010	•Straight shank hook	1	
2	00663114200201060	•Safety catch	1	
3	00663114100400000	•Side plate	2	
4	00663114200201020	•Cross beam	1	
5	1050200075	•Rolling bearing	1	
6	006340000047	•Shaft end two-hole retainer ring 100	2	
7	006340000050	•Shaft end stop shim	2	
8	00663114200201030	•Hook nut	1	
9	1080000001	•Oil cup	1	
10	00663204200201120	•Locking plate	1	
11	00663114100600000	•Counterweight assy.	2	
12	0066324200401080	•Retaining rod	1	
13	00663114200201040	•Pulley spindle	1	
14	00663604200201050	•Shaft end cover	2	
15	1040301477	•Washer	10	
16	1040100714	•Screw	8	
17	1040000145	•Bolt	8	
18	1040300690	•Spring washer	8	
19	1040200110	•Nut	8	
20	00663114200201050	•Threaded rod	2	
21	1050200115	•Rolling bearing	6	
22	0063114100210000	•Pulley	3	
23	00663804200431010	•Ring	3	
24	00663804200431030	•Retainer ring	3	
25	00663114200201070	•Seamless pipe	2	
26	1040201133	•Nut	4	
27	1040302008	•Spring washer	4	
28	00663804201001070	•Spacing sleeve	2	
29	00663304100001090	•Spacing sleeve	2	
30	006340000029	•Spring-loaded pin	8	
31	1040000069	•Bolt	2	
32	1040000549	•Bolt	4	

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30T LOAD HOOK (33 US TON)
D00663114200400000_100017Y



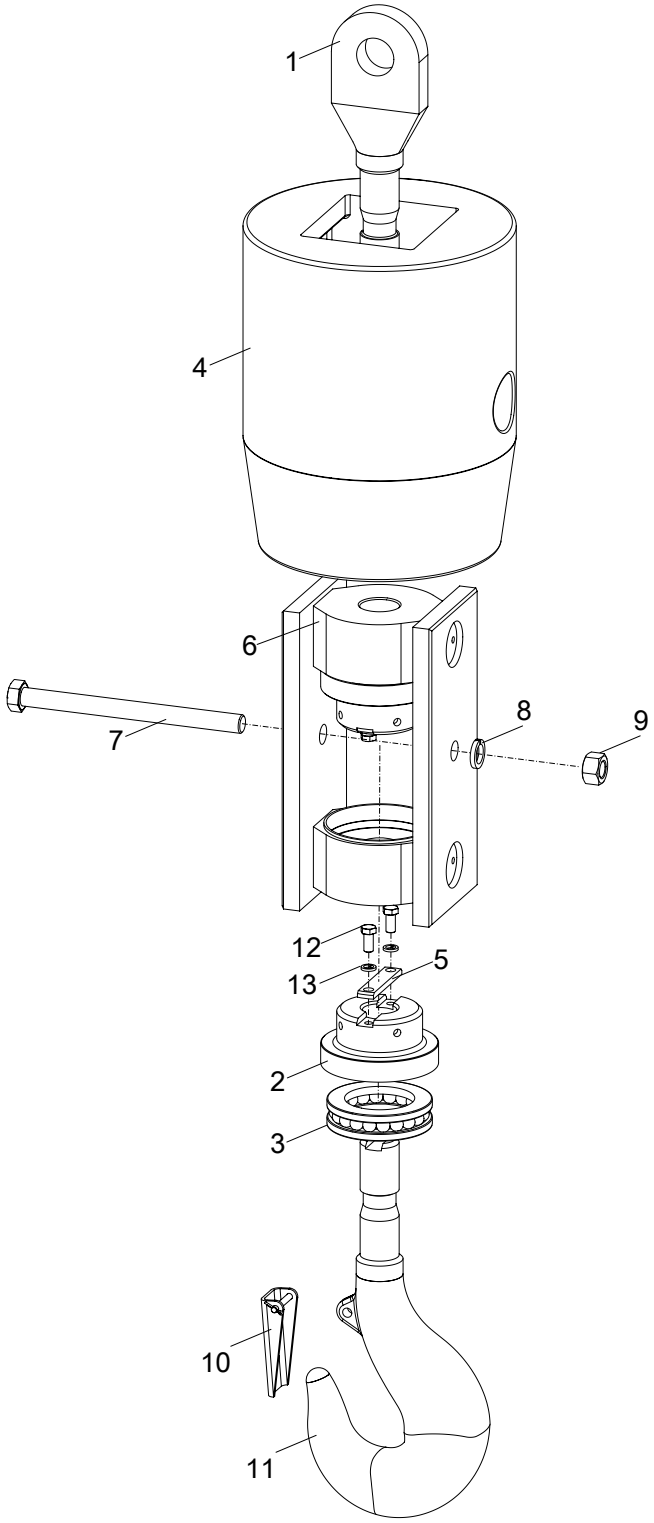
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30T LOAD HOOK (33 US TON)
D00663114200400000_100017Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114200400000	30t load hook (33 US ton)		▼
1	00663114200401010	•Straight shank hook	1	
2	00663114200401050	•Safety catch	1	
3	00663114200410000	•Side plate	2	
4	00663114200401020	•Cross beam	1	
5	1050200043	•Rolling bearing	1	
6	00663114200401030	•Hook nut	1	
7	00663004200001130	•Shaft end retaining plate	2	
8	00663004200001120	•Stop shim	2	
9	1040000549	•Bolt	4	
10	1080000001	•Oil cup	1	
11	00663114200401040	•Locking plate	1	
12	1040301995	•Spring washer	10	
13	1040001657	•Bolt	2	
14	00663204200401080	•Retaining rod	4	
15	00663114200201040	•Pulley spindle	1	
16	00663604200201050	•Shaft end cover	2	
17	1040101978	•Screw	8	
18	00663114200401060	•Seamless pipe	2	
19	00663114200201050	•Threaded rod	2	
20	1040302008	•Spring washer	4	
21	1040200443	•Nut	4	
22	1050200115	•Rolling bearing	6	
23	00663804200431010	•Ring	3	
24	00663804200431030	•Retainer ring	3	
25	00663114100210000	•Pulley	5	
26	00663804201001070	•Spacing sleeve	2	
27	00663304100001090	•Spacing sleeve	2	
28	006340000029	•Spring-loaded pin	8	

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LOAD HOOK (8T)
D00663024200600000_100017Y



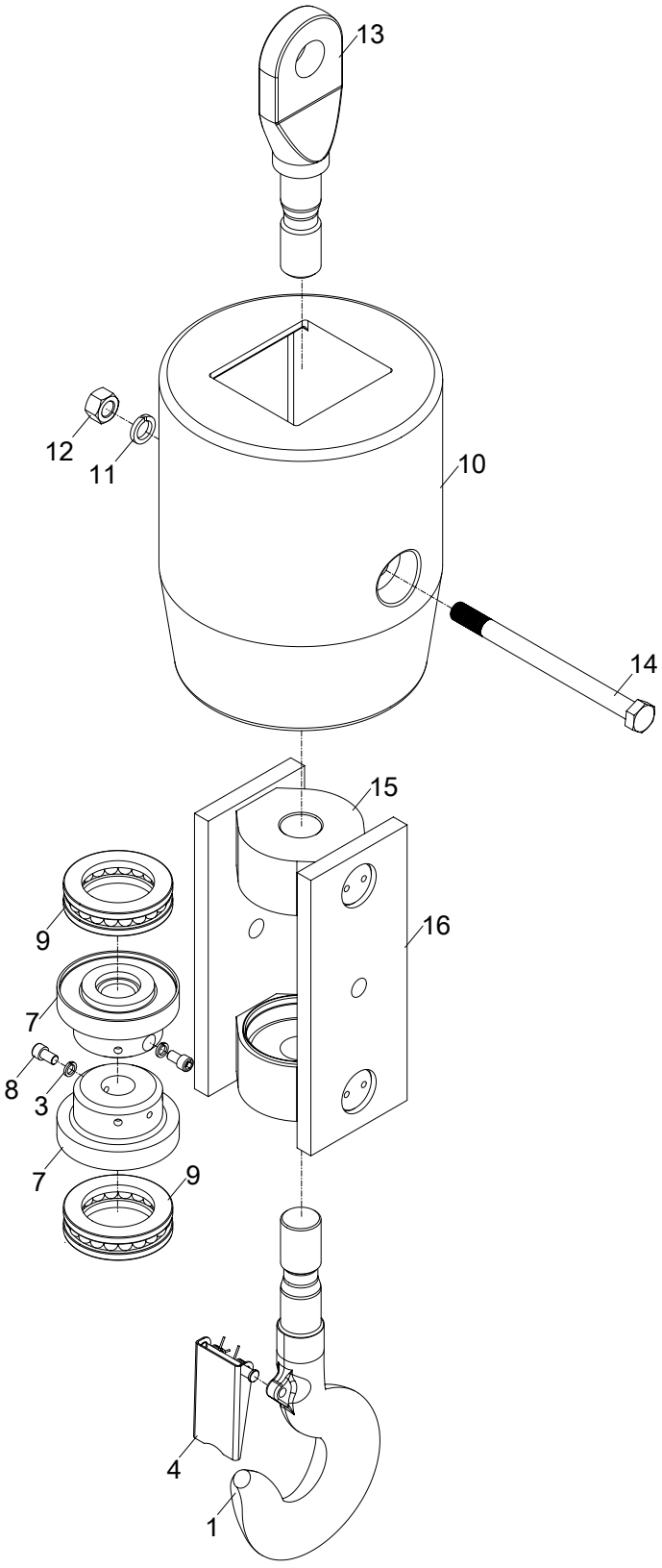
https://truckmanualshub.com/

LOAD HOOK (8T)
D00663024200600000_100017Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663024200600000	Load hook (8t)		▼
1	00663024200601010	•Lifting ring bolt	1	
2	00663104200401030	•Hook nut	2	
3	1050200007	•Rolling bearing	2	
4	00663024200601020	•Counterweight	1	
5	1099800505	•Positioning plate	2	
6	00663104200410000	•Load hook	1	
7	1040000050	•Bolt	1	
8	1040300049	•Seal ring	1	
9	1040201132	•Nut	1	
10	1099800301	•Retaining plate	1	
11	1099800526	•Load hook	1	
12	1040000069	•Bolt	4	
13	1040300054	•Washer	4	

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LOAD HOOK (8T)
D00663024200600000_100018Y



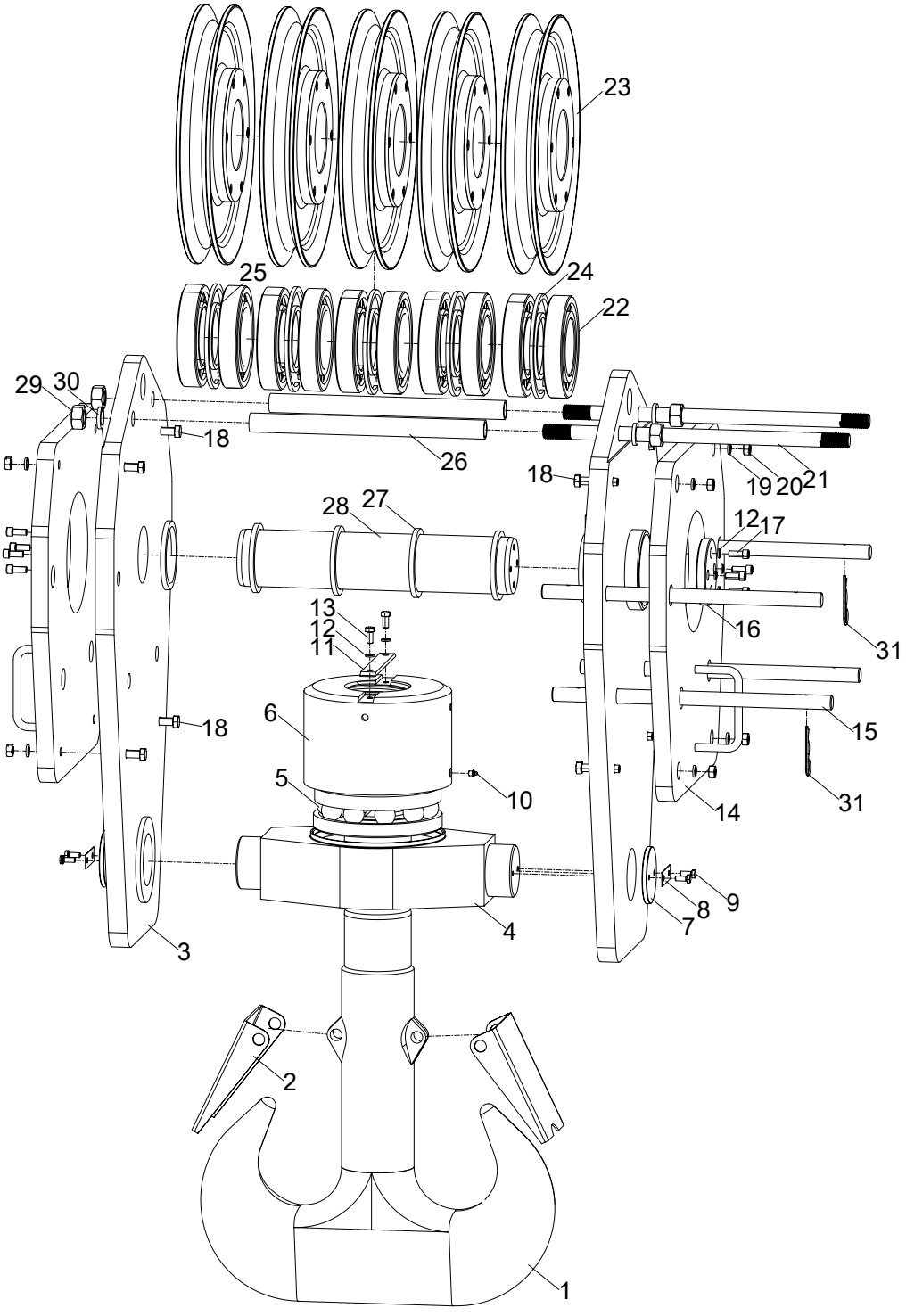
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LOAD HOOK (8T)
D00663024200600000_100018Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663024200600000	Load hook (8t)		▼
1	00663104200401050	•Load hook	1	
3	1040300533	•Washer	3	
4	1099800528	•Safety catch	1	
7	00663104200401030	•Hook nut	2	
8	1040102190	•Screw	2	
9	1059900174	•Bearing	2	
10	00663024200601020	•Counterweight	1	
11	1040300049	•Seal ring	1	
12	1040201462	•Nut	1	
13	00663024200601010	•Lifting ring bolt	1	
14	1040000141	•Bolt	1	
15	00663104200411010	•Cross beam	2	
16	00663104200411020	•Plate	2	

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100T LOAD HOOK (110 US TON)
D00663114100000000_100017Y



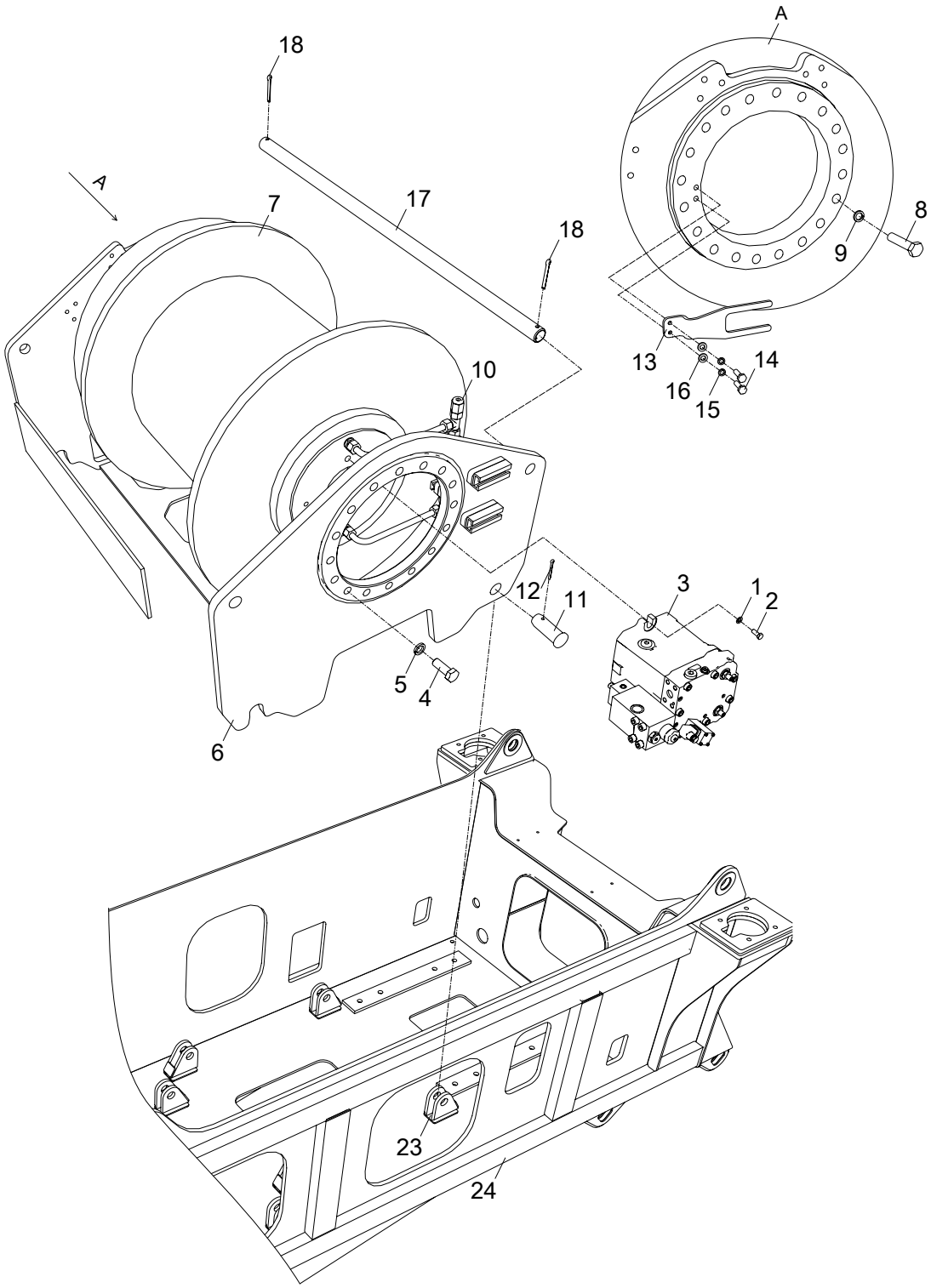
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100T LOAD HOOK (110 US TON)
D00663114100000000_100017Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114100000000	100t load hook (110 US ton)		▼
1	00663114100001010	•Straight shank twin hook	1	
2	00663114100001080	•Safety catch	2	
3	00663114100100000	•Side plate	2	
4	00663114100001030	•Cross beam	1	
5	1050200011	•Rolling bearing	1	
6	00663114100001040	•Hook nut	1	
7	006340000005	•Shaft end two-hole retainer ring (120)	2	
8	006340000051	•Shaft end stop shim	2	
9	1040000549	•Bolt	4	
10	1080000001	•Oil cup	1	
11	00663204200201120	•Locking plate	1	
12	1040301995	•Spring washer	10	
13	1040000069	•Bolt	2	
14	00663114100800000	•Counterweight assy.	2	
15	00663114100001070	•Retaining rod	4	
16	00663604200201050	•Shaft end cover	2	
17	1040101978	•Screw	8	
18	1040001473	•Bolt	8	
19	1040300690	•Spring washer	8	
20	1040200685	•Nut	8	
21	00663114100001060	•Rod	2	
22	1050200115	•Rolling bearing	10	
23	00663114100210000	•Pulley	5	
24	00663804200431010	•Ring	3	
25	00663804200431030	•Retainer ring	3	
26	00663114100001090	•Seamless pipe	2	
27	00663804201001070	•Spacing sleeve	6	
28	00663114100001050	•Pulley spindle	1	
29	1040200443	•Nut	4	
30	1040302008	•Spring washer	4	
31	006340000029	•Spring-loaded pin	8	

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WINCH WITH FREE-FALL FUNCTION
D00663113501410001Y



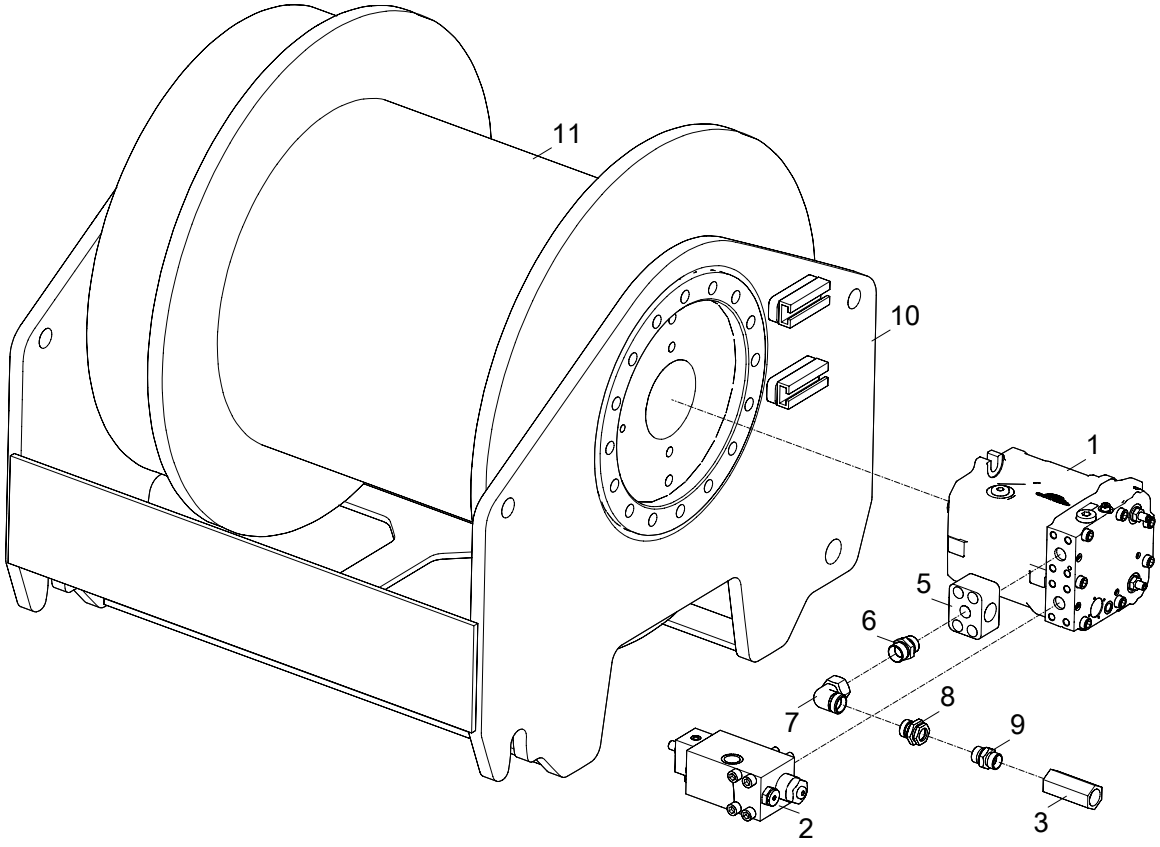
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WINCH WITH FREE-FALL FUNCTION
D00663113501410001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113501410001	Winch with free-fall function		▼
1	1040300052	•Washer	2	
2	1040000143	•Bolt	2	
3	006631135010100000	•Linder 105 motor+Bucher balance valve	1	
4	1040000556	•Bolt	16	
5	1040300038	•Washer	16	
6	00663113501410050	•Winch support	1	
7	1030201493	•Winch reducer	1	
8	1040000149	•Bolt	20	
9	1040300054	•Washer	20	
10	00663113501410060	•Pipeline assy. for maintenance of hoisting w inch 3	1	
11	00663308000001020	•Pin spindle	4	
12	1040500079	•Pin	4	
13	00663113501411020	•Toggle fork	1	
14	1040000107	•Bolt	2	
15	1040300062	•Washer	2	
16	1040301609	•Washer	2	
17	00663113501411030	•Rope guard tube	1	
18	1040500040	•Pin	2	
19	204050019	•Industrial closed gear oil	1	
20	204110014	•Lithium-based Grease	1	
21	1021402980	•Proximity switch	1	
22	1090100777	•Hoisting rope	1	
23		Supporting seat	1	
24		Slewing table attachments welded	1	

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LINDER 105 MOTOR+BUCHER BALANCE VALVE D00663113501010000Y



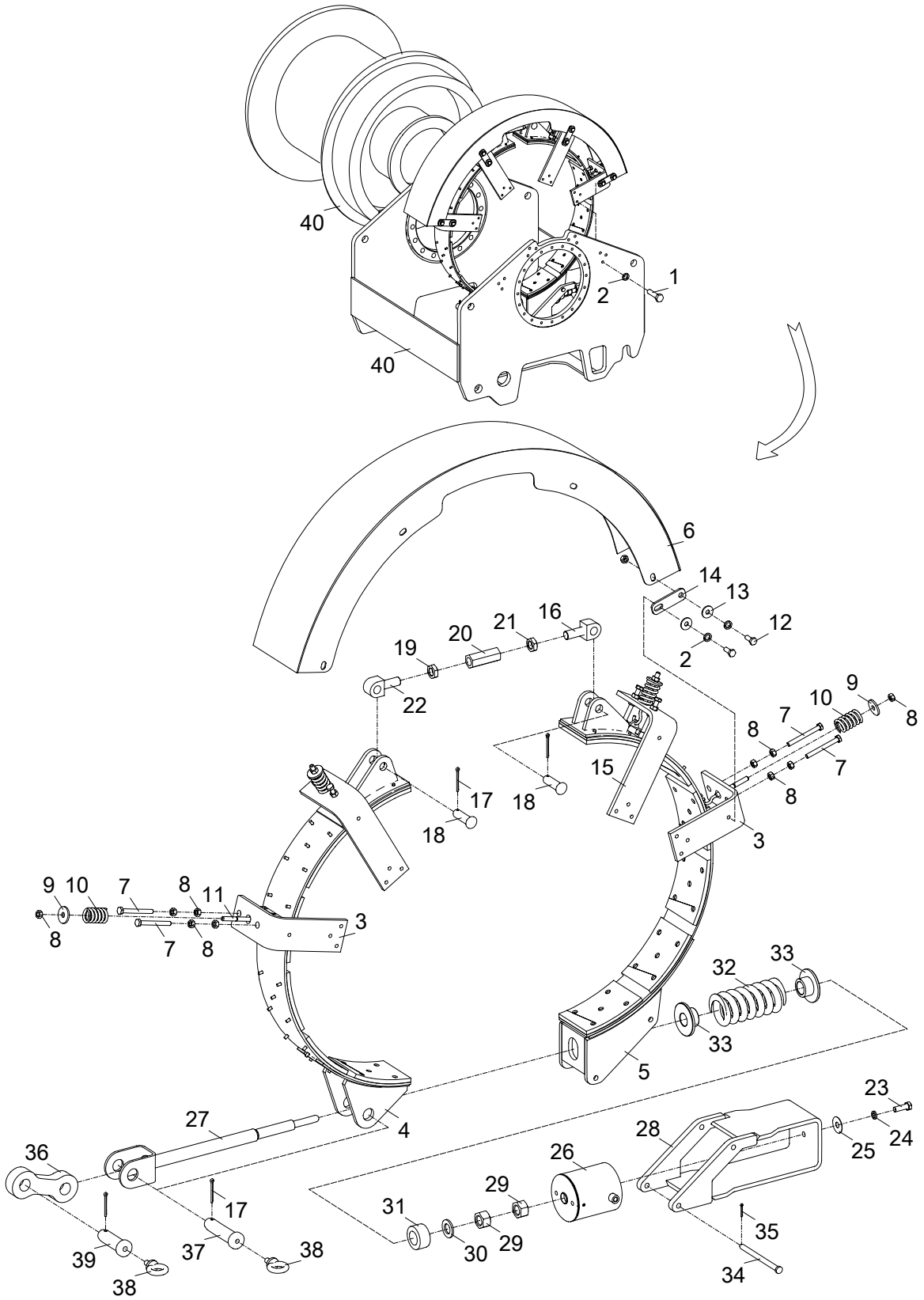
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LINDER 105 MOTOR+BUCHER BALANCE VALVE D00663113501010000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113501010000	Linder 105 motor+Bucher balance valve		
1	1010100574	•Variable motor	1	
2	1010300503	•Hoisting control balance valve	1	
3	1010300071	•S-shaped check valve	1	
4	1010300148	•Solenoid valve	1	
5	00663101620001030	Flange fitting	1	
6	1140100724	Fitting	1	
7	1140100616	Fitting	1	
8	1140100043	Pipe fitting	1	
9	1140101011	Pipe fitting	1	
10	00663113501410050	Winch support	1	
11	1030201493	Winch reducer	1	

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BRAKE ASSY.
D006631135016000000Y



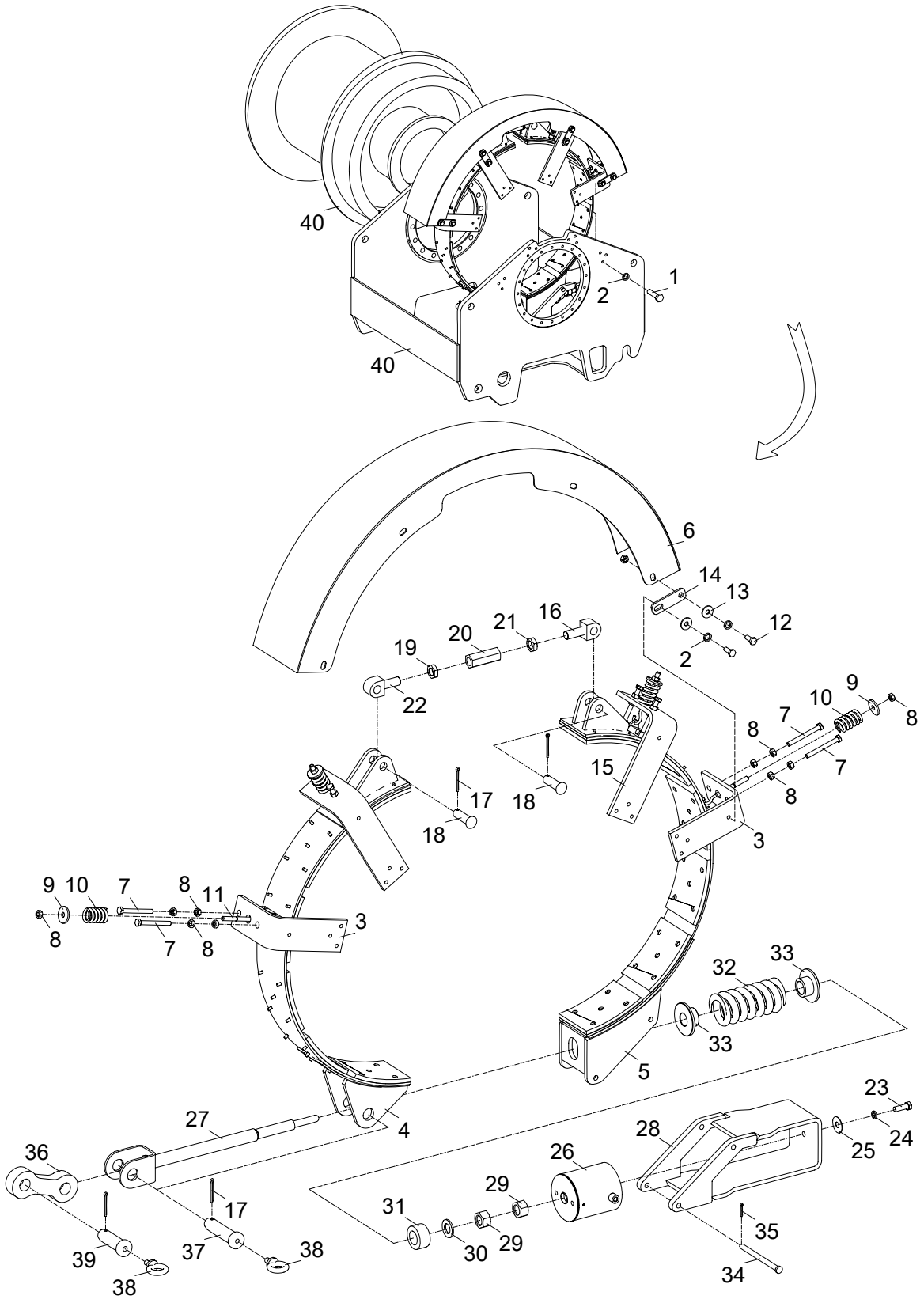
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BRAKE ASSY.
D00663113501600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113501600000	Brake assy.		
1	1040000152	•Bolt	12	
2	1040300067	•Washer	20	
3	00663113501601010	•Plate bending I	2	
4	00663113501610000	•Left brake band assy.	1	
5	00663113501620000	•Right brake band assy.	1	
6	00663113501600010	•Rainproof cover	1	
7	1040000663	•Bolt	8	
8	1040200759	•Nut	24	
9	00660303500401200	•Washer	4	
10	00660303500401210	•Spring	4	
11	00660303500401220	•Hook	4	
12	1040000114	•Bolt	8	
13	1040300027	•Washer	8	
14	00663043500231020	•Connecting plate	4	
15	00663113501601020	•Plate bending II	2	
16	00660303500401240	•Connecting rod	1	
17	1040500057	•Pin	4	
18	1040500086	•Pin spindle	2	
19	1040200099	•Nut	1	
20	00660303500401250	•Connecting rod	1	
21	1040200567	•Nut	1	
22	00660303500401260	•Connecting rod	1	
23	1040000094	•Bolt	1	
24	1040300054	•Washer	1	
25	00660303500401080	•Washer	1	
26	1010200343	•Brake cylinder	1	
27	00663113501600030	•Top rod	1	
28	00663113501600020	•Cylinder mounting bracket	1	
29	1040200102	•Nut	2	
30	1040300050	•Washer	1	
31	00663113501601050	•Shaft bush	1	
32	00660303500401060	•Spring	1	
33	00660303500401050	•Spring seat	2	
34	00663113501601040	•Pin spindle	2	

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BRAKE ASSY.
D00663113501600000Y



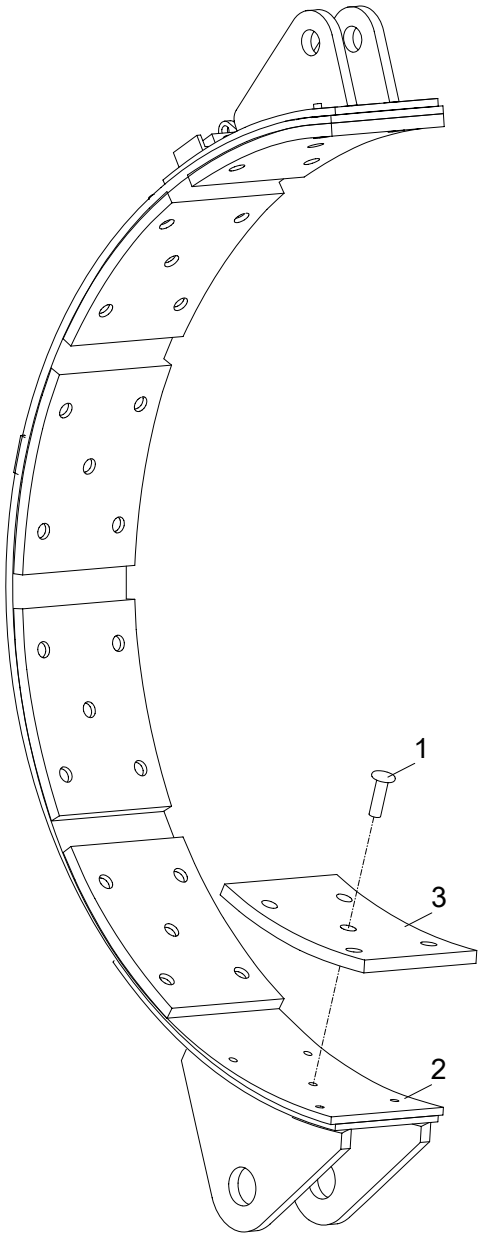
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BRAKE ASSY.
D00663113501600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1040500051	•Pin	2	
36	00663113501601030	•Connecting rod	1	
37	00663053500261010	•Pin spindle	1	
38	1040100182	•Screw	2	
39	00663063500461010	•Pin spindle	1	
40	00663113501410001	Winch with free-fall function	1	

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LEFT BRAKE BAND ASSY.
D006631135016100000Y



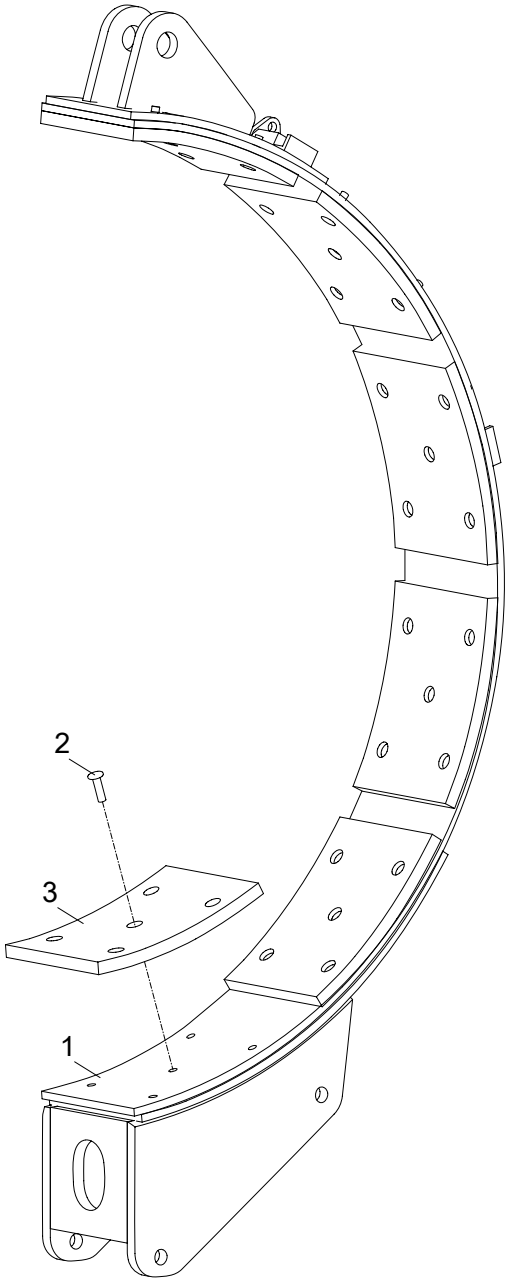
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LEFT BRAKE BAND ASSY.
D00663113501610000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113501610000	Left brake band assy.		
1	1040400020	•Rivet	30	
2	00663113501610010	•Left steel strip	1	
3	00663113501611010	•Brake band	6	

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RIGHT BRAKE BAND ASSY.
D006631135016200000Y



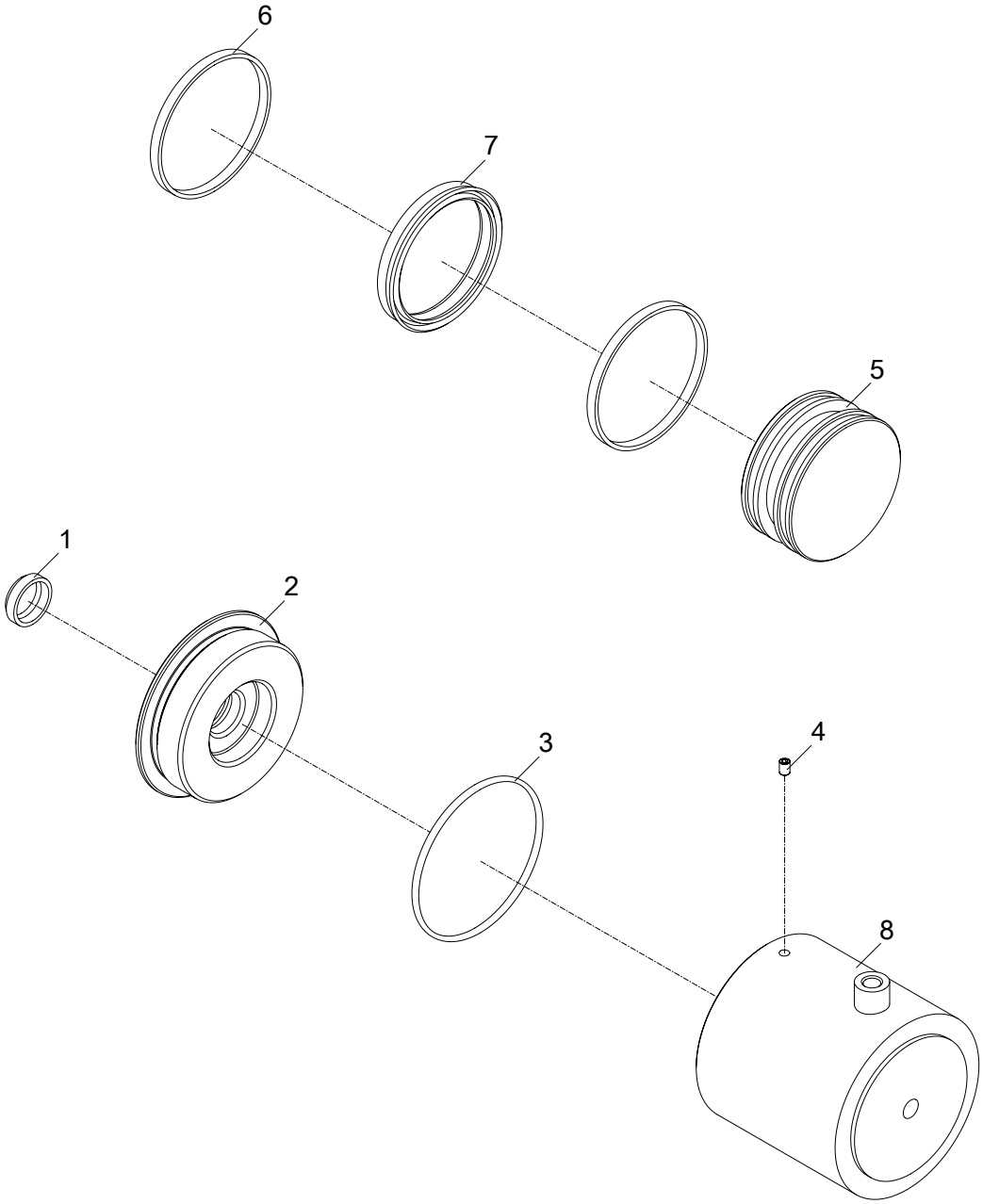
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RIGHT BRAKE BAND ASSY.
D00663113501620000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113501620000	Right brake band assy.		
1	00663113501620010	•Right steel strip	1	
2	1040400020	•Rivet	30	
3	00663113501611010	•Brake band	6	

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BRAKE CYLINDER
D1010200343_6400Y



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BRAKE CYLINDER
D1010200343_6400Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010200343	Brake cylinder		
1	1081200325	•Dust ring	1	
2	00660308403900003	•Cylinder head	1	
3	1081000913	•O-ring	1	
4	1040100365	•Screw	1	
5	00660308403900001	•Piston	1	
6	1081400716	•Guide ring	2	
7	1081002199	•KY piston seal	1	
8	00660308403901000	•Cylinder block	1	
9	E0660308403900001	•Seal kit	1	E

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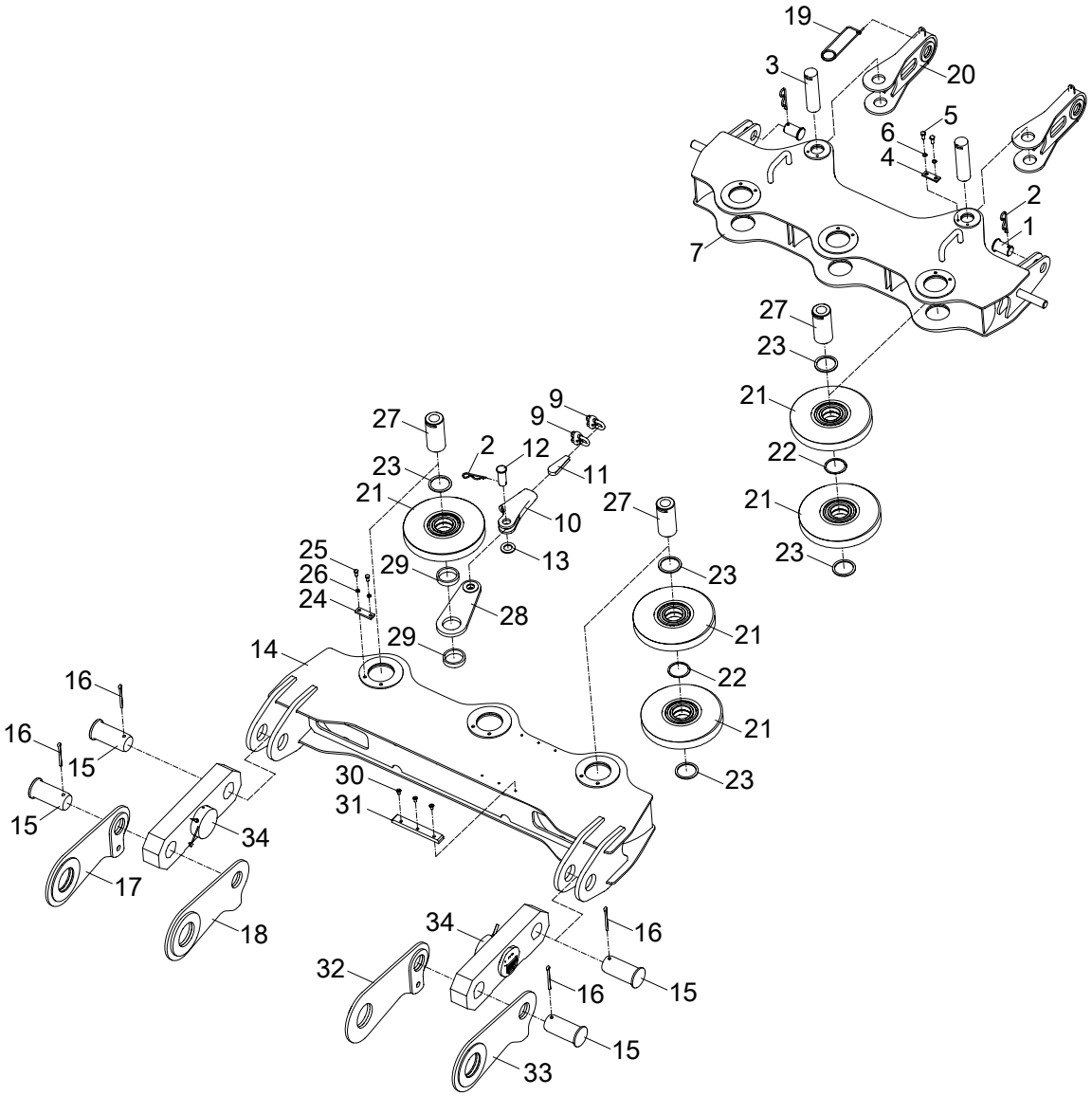
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 6 DERRICKING MECHANISM

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DERRICKING PULLEY BLOCK
D00663112100000000Y



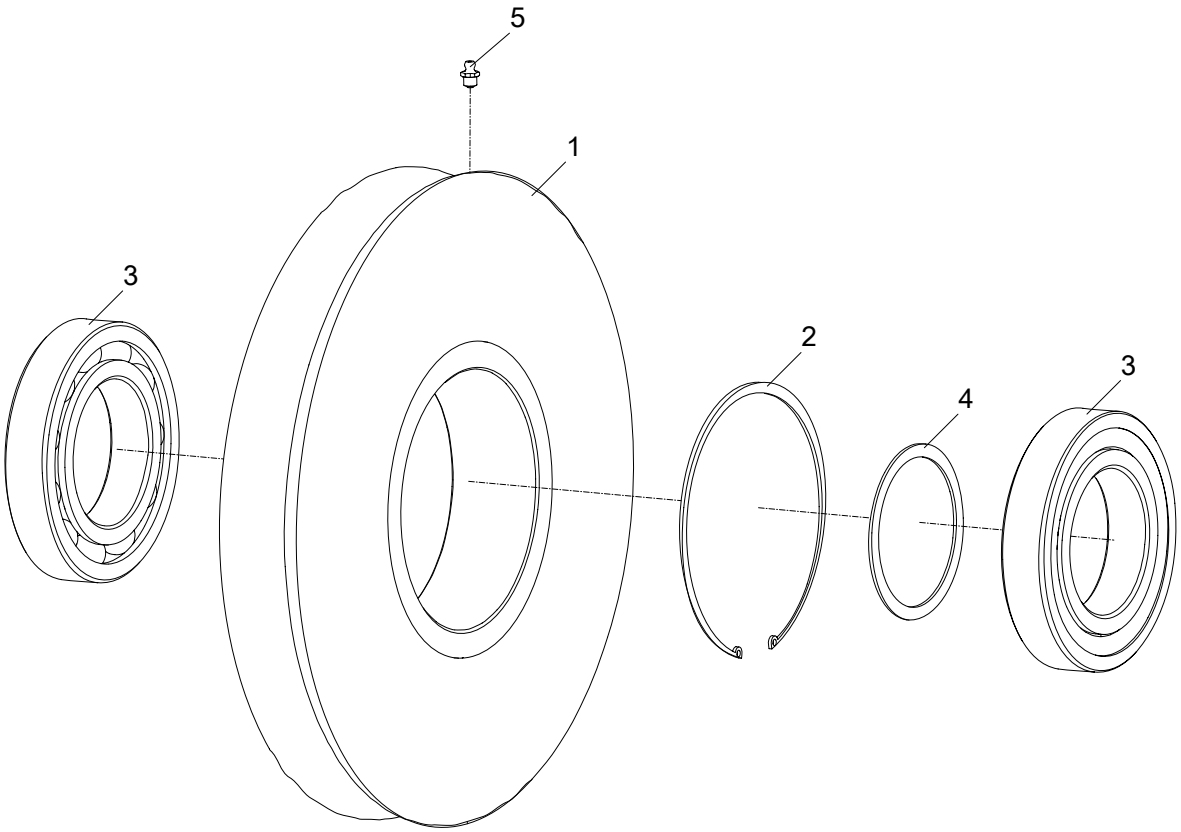
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DERRICKING PULLEY BLOCK
D00663112100000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112100000000	Derricking pulley block		
1	00663603300001020	•Pin spindle	2	
2	006340000001	•Spring-loaded pin	3	
3	00663112100001020	•Shaft	2	
4	006340000003	•Retaining plate 50	2	
5	1040000114	•Bolt	4	
6	1040300067	•Washer	4	
7	00663112100200000	•Moving support seat	1	
8	1090100753	•Derricking rope	1	
9	1090100001	•Wire rope clamp	2	
10	1090100446	•Rope lock	1	
11	1090100453	•Rope thimble	1	
12	00663000100001210	•Pin spindle	1	
13	00663002100001140	•Washer	1	
14	00663112100400000	•Fixing support seat	1	
15	00663112100001030	•Pin spindle	4	
16	1040500978	•Pin	4	
17	00663112100800000	•Anchoring rod	1	
18	00663112101000000	•Anchoring rod	1	
19	00663600100001040	•Retaining pin	1	
20	00663112100600000	•Cross coupling	2	
21	00663000100640002	•Pulley assy.	11	
22	00663002100001131	•Spacing sleeve	5	
23	00663022110001020	•Spacing sleeve	11	
24	006340000071	•Baffle 90	6	
25	1040000069	•Bolt	12	
26	1040300054	•Washer	12	
27	00663112100001010	•Shaft	6	
28	00663002100200000	•Anchoring rod of rope lock	1	
29	00663112100001040	•Spacing sleeve	2	
30	1040100080	•Screw	6	
31	00663012100001080	•Nylon block	2	
32	00663112101200000	•Anchoring rod	1	
33	00663112101400000	•Anchoring rod	1	
34		Tension force sensor	2	

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PULLEY ASSY.
D00663000100640002Y



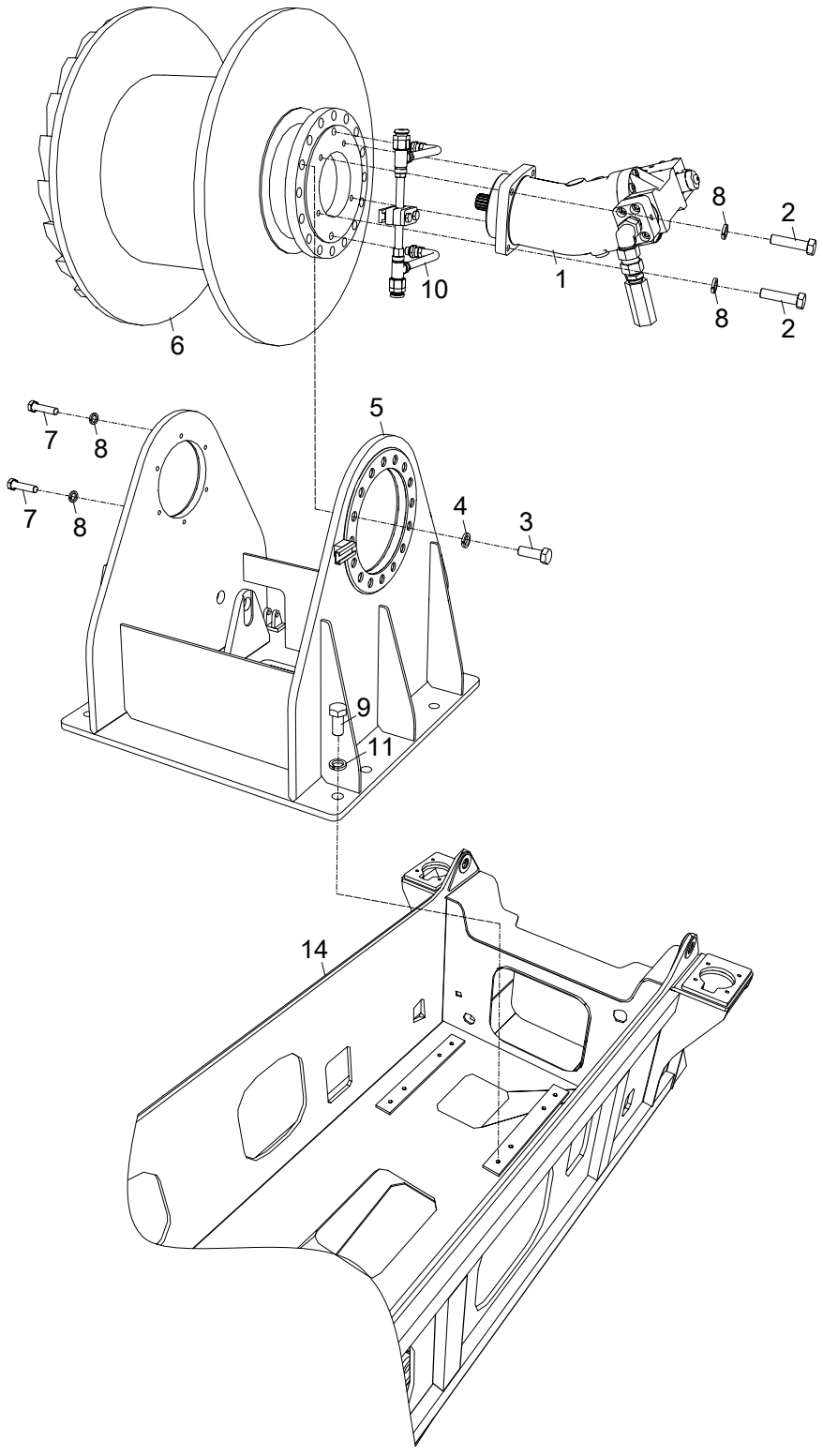
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PULLEY ASSY.
D00663000100640002Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663000100640002	Pulley assy.		
1	00663000100641011	•Pulley	1	
2	00663000100641020	•Snap ring	1	
3	1050200077	•Anti-friction bearing	2	
4	00663000100641031	•Spacing sleeve	1	
5	1080000003	•Oil cup	1	
6	204110014	•Lithium base grease	1kg	E

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DERRICKING MECHANISM
D00663112000000000Y



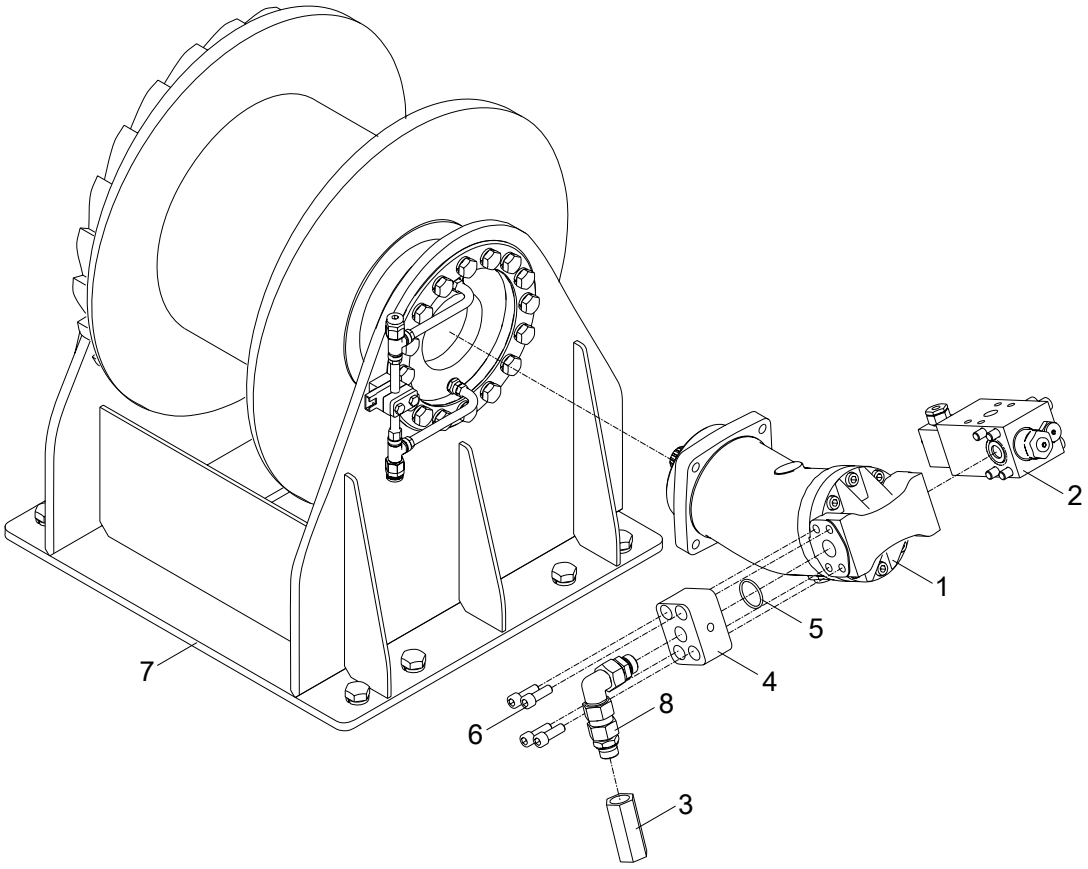
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DERRICKING MECHANISM
D00663112000000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112000000000	Derricking mechanism		
1	00663112000200000	•Derricking motor+balance valve	1	
2	1040000169	•Bolt	4	
3	1040000556	•Bolt	16	
4	1040300038	•Washer	16	
5	00663062000200000	•Derricking winch support	1	
6	1030201321	•Derricking reducer	1	
7	1040000149	•Bolt	6	
8	1040300054	•Washer	10	
9	1040000230	•Bolt	8	
10	00663112000400000	•Pipeline assy. for maintenance	1	
11	1040300049	•Seal ring	8	
12	204050019	•Industrial closed gear oil	1.5L	
13	202230016	•Loctite glue	0.01kg	
14	00663110400000000	Slewing table	1	

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DERRICKING MOTOR+BALANCE VALVE
D00663112000200000Y



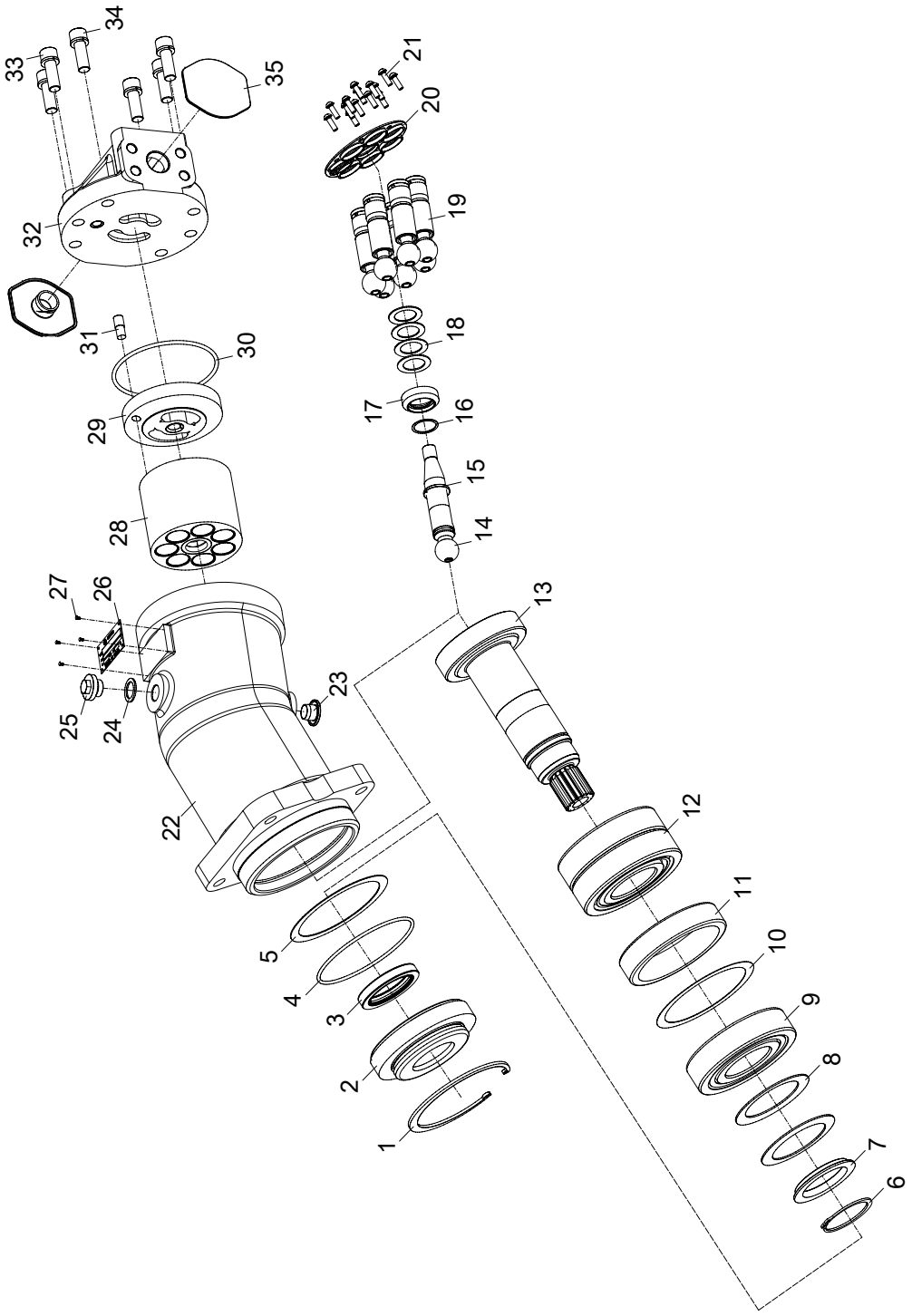
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DERRICKING MOTOR+BALANCE VALVE
D00663112000200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112000200000	Derricking motor+balance valve		
1	1010100003	•Plunger motor	1	
2	1010301751	•Hoisting control balance valve	1	
3	1010300071	•S-shaped check valve	1	
4	00663101620001030	•Flange fitting	1	
5	1081000065	•O-ring	1	
6	1040100425	•Screw	4	
7		Derricking reducer support	1	
8		Fitting	1	

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PLUNGER MOTOR
D1010100003_100025Y



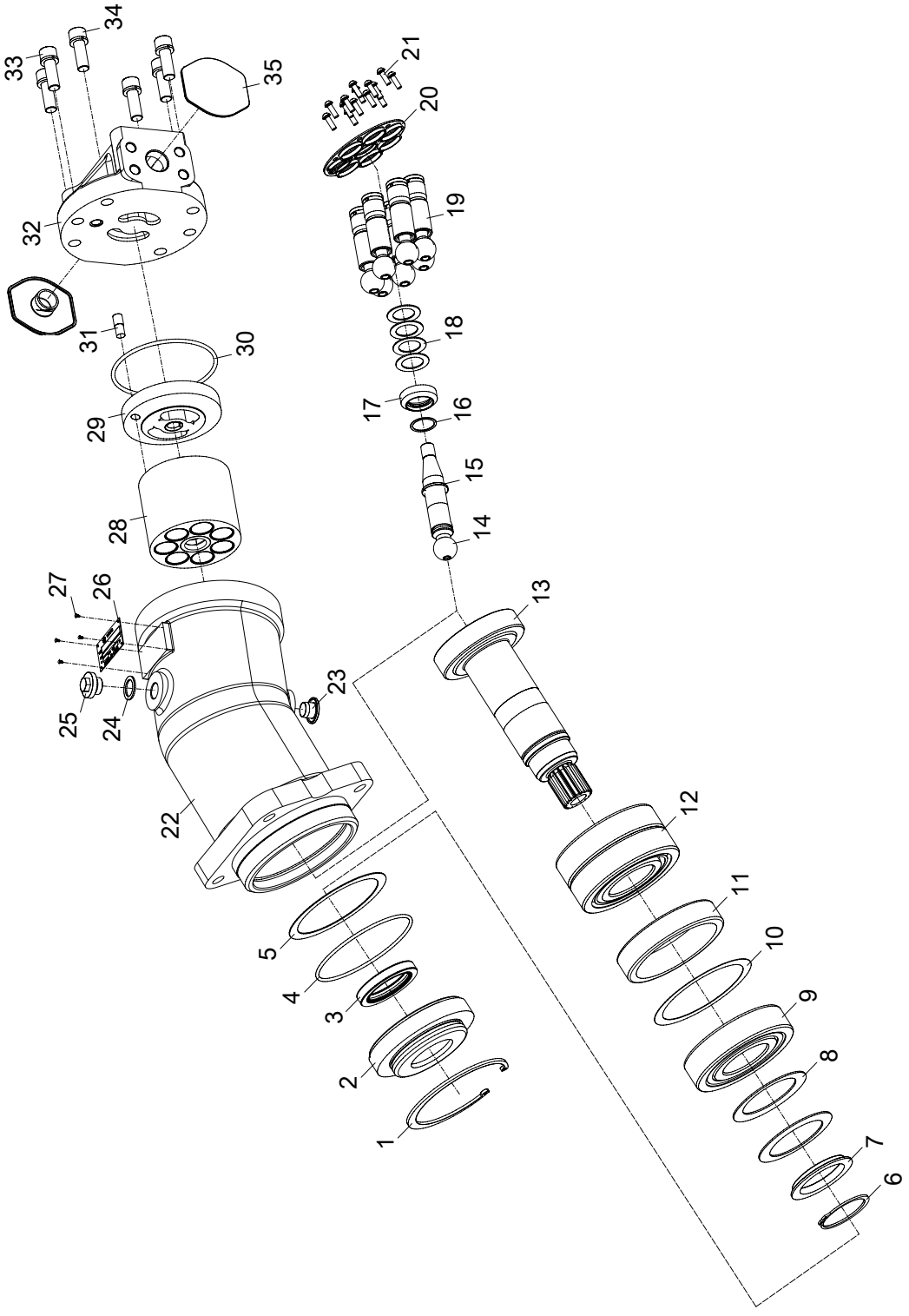
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PLUNGER MOTOR
D1010100003_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010100003	Plunger motor		
1	1040301205	•Circlip	1	
2	(1)	•Front cover	1	
3	1019803883	•Skeleton oil seal	1	
4	(2)	•Sealing ring	1	
5	(3)	•Adjusting shim	100	
6	1040300056	•Retaining ring	1	
7	(4)	•Spring seat	1	
8	(5)	•Disc spring	2	
9	1050000357	•Grooved ball bearing	1	
10	(6)	•Adjusting shim	100	
11	(7)	•Distance ring	1	
12	1019803884	•Double radial-thrust ball bearing	100	
13	(8)	•Main shaft	1	
14	(9)	•Center rod	1	
15	(10)	•Collar	100	
16	(11)	•Adjusting shim	100	
17	(12)	•Spring seat	1	
18	(13)	•Disc spring	4	
19	(14)	•Plunger assy.	7	
20	(15)	•Chuck	1	
21	(16)	•Screw	14	
22	(17)	•Housing	1	
23	(18)	•Plastic blind cover	1	
24	(19)	•Rectangular sealing ring	1	
25	(20)	•Threaded plug	1	
26	(21)	•Name plate	1	
27	1040400207	•Rivet	4	
28	(22)	•Rotor assy.	1	
29	(23)	•Fuel distribution disk	1	
30	(24)	•Sealing ring	1	
31	(25)	•Positioning pin	1	
32	(26)	•Rear cover	1	
33	1040100853	•Screw	6	
34	1040301768	•Spring washer	6	

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PLUNGER MOTOR
D1010100003_100025Y



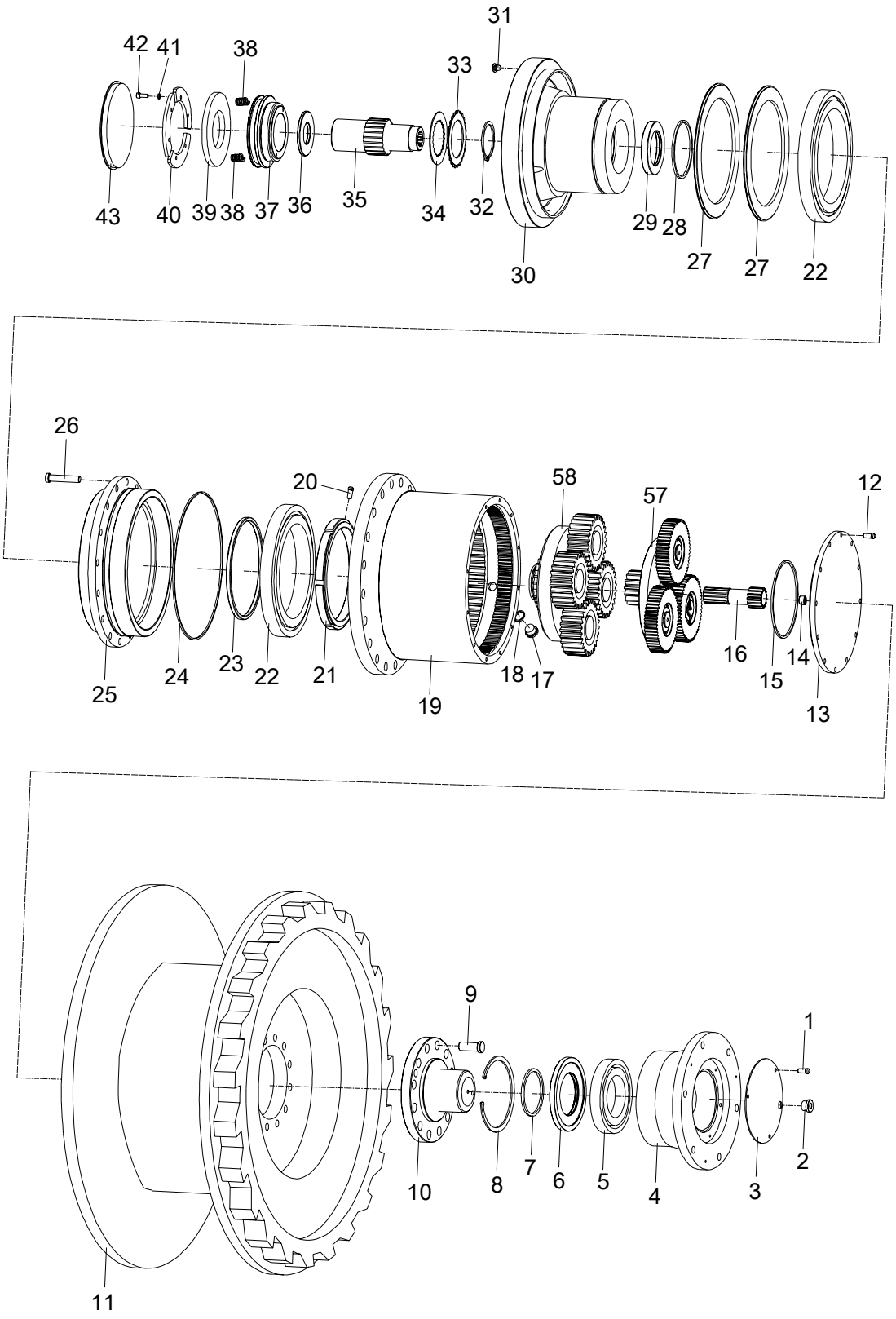
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PLUNGER MOTOR
D1010100003_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	(27)	•Plastic blind cover	2	

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DERRICKING REDUCER
D1030201321_100014Y



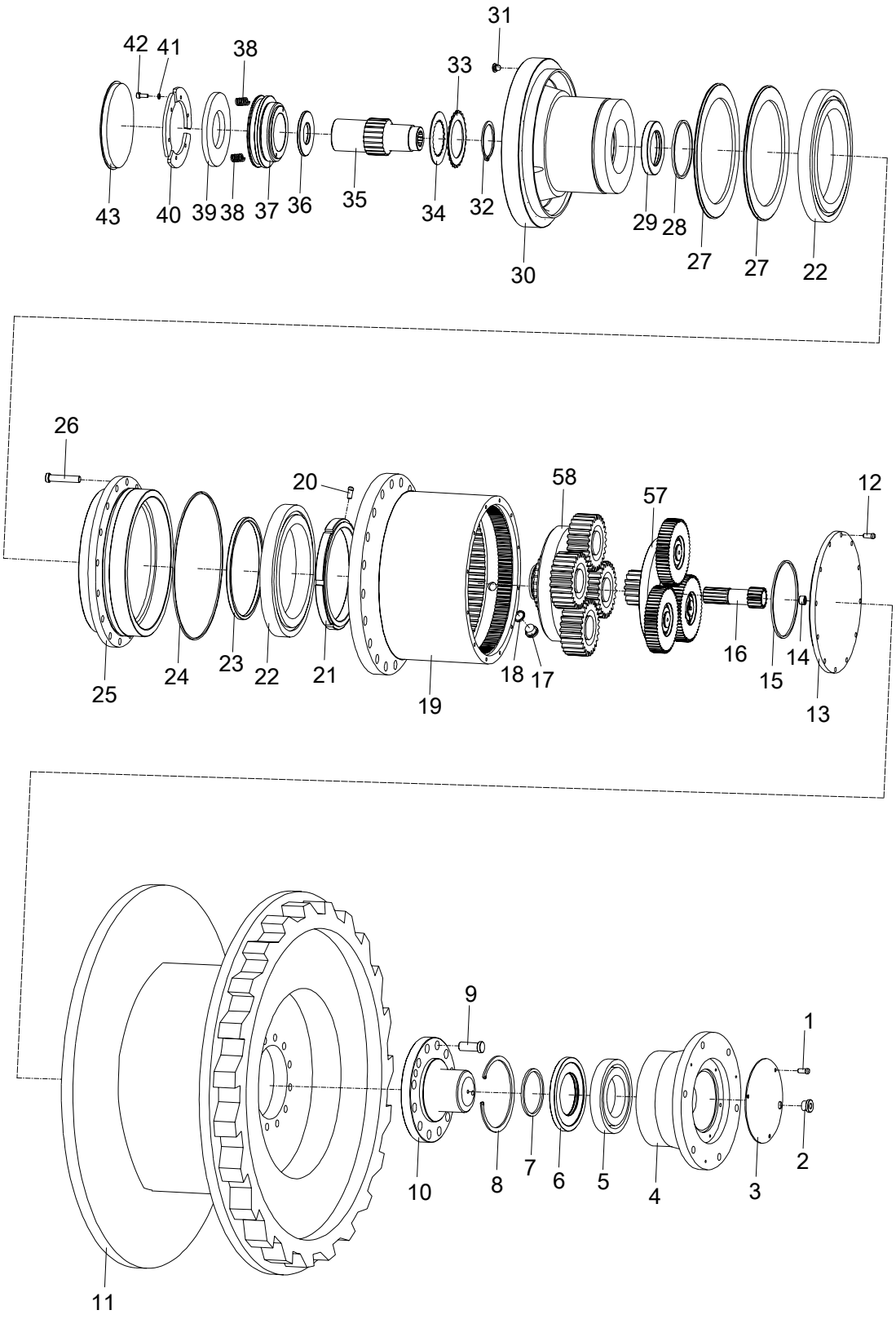
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DERRICKING REDUCER
D1030201321_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201321	Derricking reducer		
1	(1)	•Bolt	3	
2	(2)	•Oil cup	1	
3	1039804366	•Right dust cap	1	
4	(3)	•Bearing seat	1	
5	(4)	•Bearing	1	
6	1009803815	•Oil seal ring	1	
7	1009803816	•Felt ring	1	
8	(5)	•Retainer ring	1	
9	(6)	•Bolt	12	
10	(7)	•Supporting shaft	1	
11	(8)	•Drum	1	
12	(9)	•Bolt	12	
13	(10)	•End cover	1	
14	1039804368	•Cushion block	1	
15	(11)	•O-ring	1	
16	(12)	•Sun gear shaft	1	
17	(13)	•Sealing ring	1	
18	(14)	•Plug	1	
19	(15)	•Gear ring	1	
20	(16)	•Screw	1	
21	(17)	•Locking nut	1	
22	(18)	•Bearing	2	
23	(19)	•Washer	1	
24	(20)	•O-ring	1	
25	(21)	•Bearing seat	1	
26	(22)	•Bolt	16	
27	(23)	•Floating ring	2	
28	(24)	•Retainer ring	1	
29	(25)	•Retaining plate	1	
30	(26)	•Supporting seat	1	
31	(27)	•Oil plug	1	
32	(28)	•Retainer ring	1	
33	1039804358	•Internal friction lining	8	
34	1039804357	•External friction lining	9	

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DERRICKING REDUCER
D1030201321_100014Y



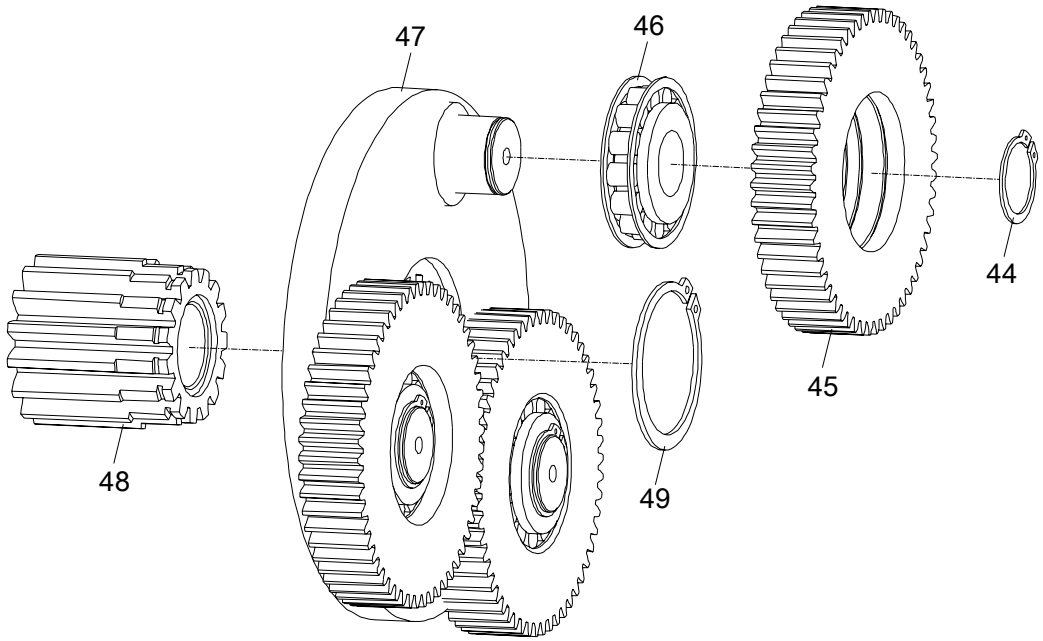
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DERRICKING REDUCER
D1030201321_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	(29)	•Spline housing	1	
36	(30)	•Retainer ring	1	
37	1039804371	•Piston	1	
38	1039804385	•Spring	16	
39	(31)	•Pressure plate	1	
40	1039804369	•Brake retaining plate	1	
41	(32)	•Washer	3	
42	(33)	•Screw	3	
43	(34)	•Dust cap	1	
44	(35)	•Retainer ring 30	3	
45	(36)	•Primary planet gear	3	
46	(37)	•Bearing	3	
47	(38)	•Primary planet carrier	1	
48	(39)	•Secondary sun gear	1	
49	(40)	•Retainer ring	1	
50	(41)	•Retainer ring	4	
51	(42)	•Secondary planet gear	4	
52	(43)	•Bearing	4	
53	(44)	•Secondary planet carrier	1	
54	(45)	•Retainer ring	1	
55	(46)	•Retainer ring	1	
56	(47)	•Bearing	1	
57		Primary planet carrier assy.	1	
58		Secondary planet carrier assy.	1	

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DERRICKING REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030201321_100014Y



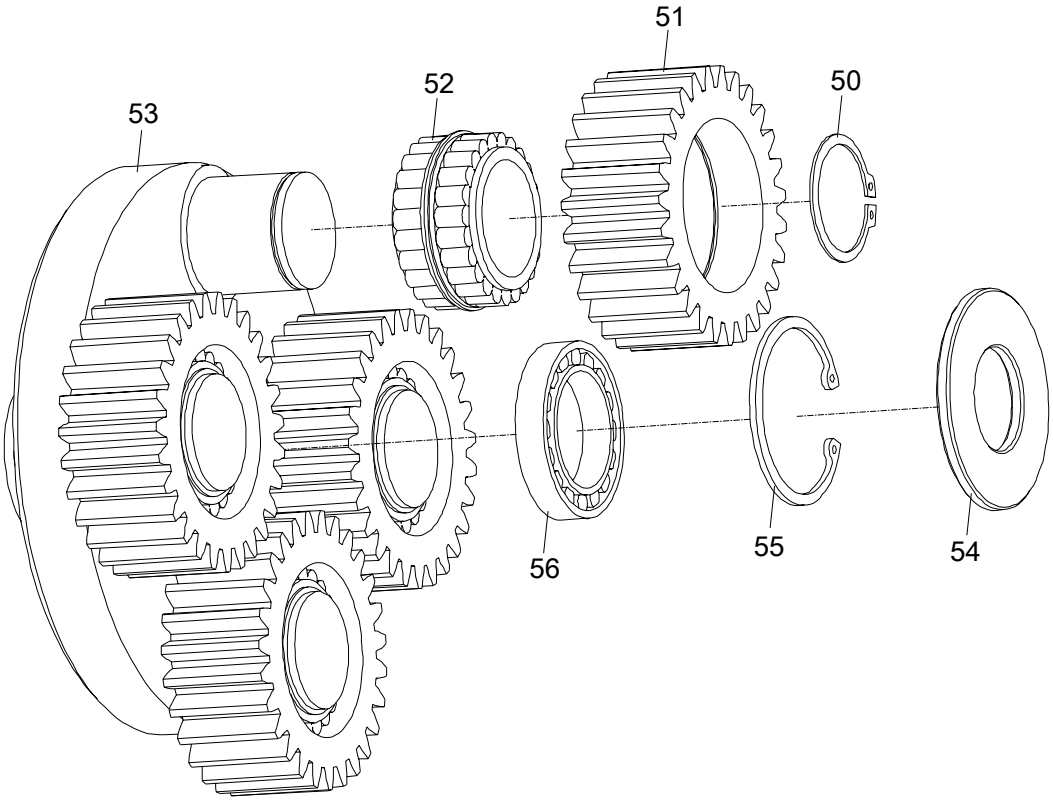
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DERRICKING REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030201321_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201321	Derricking reducer		
44	(35)	•Retainer ring 30	3	
45	(36)	•Primary planet gear	3	
46	(37)	•Bearing	3	
47	(38)	•Primary planet carrier	1	
48	(39)	•Secondary sun gear	1	
49	(40)	•Retainer ring	1	

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DERRICKING REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030201321_100014Y



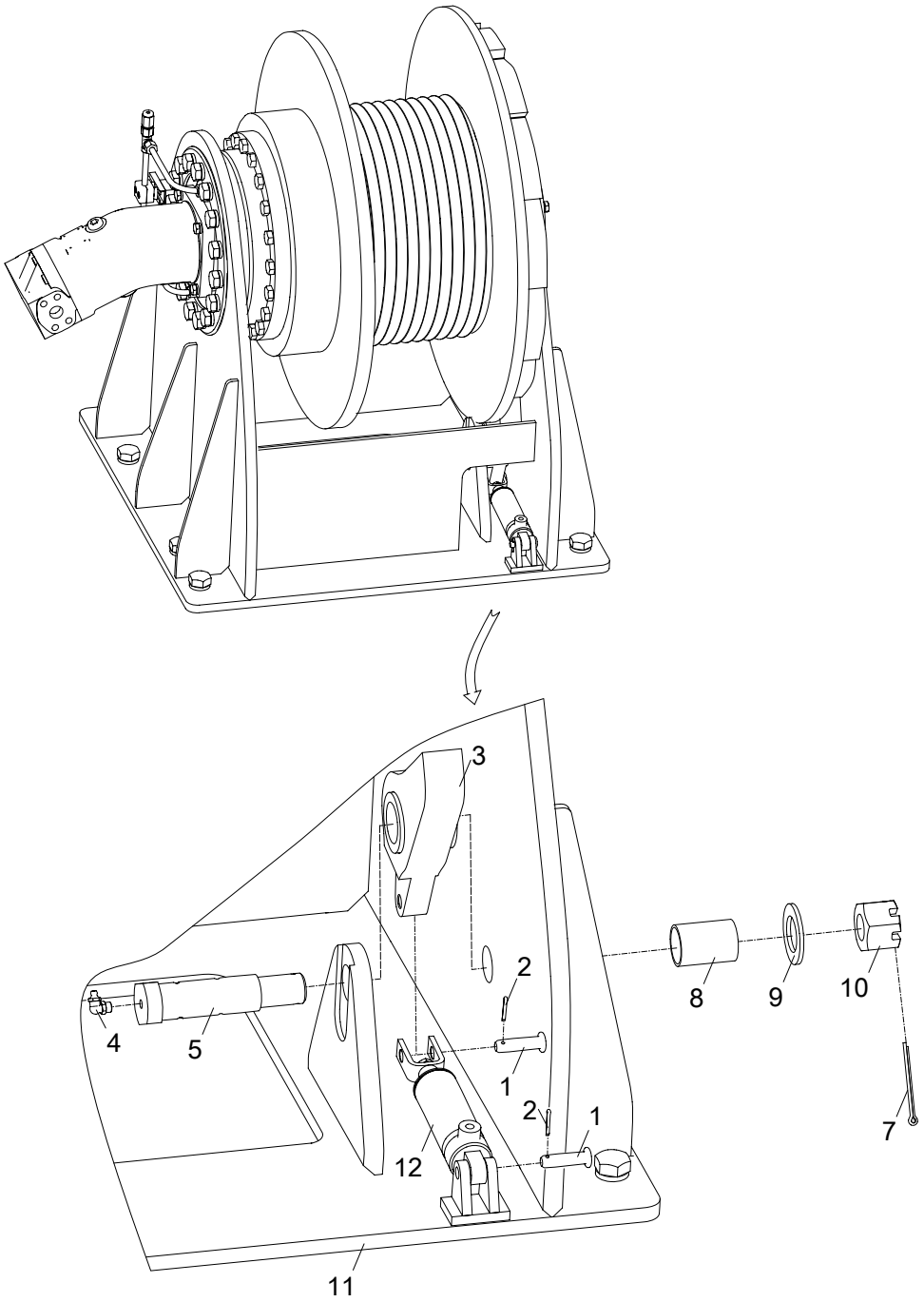
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DERRICKING REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030201321_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030201321	Derricking reducer		
50	(41)	•Retainer ring	4	
51	(42)	•Secondary planet gear	4	
52	(43)	•Bearing	4	
53	(44)	•Secondary planet carrier	1	
54	(45)	•Retainer ring	1	
55	(46)	•Retainer ring	1	
56	(47)	•Bearing	1	

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RATCHET WHEEL MECHANISM
D00663003700000001Y



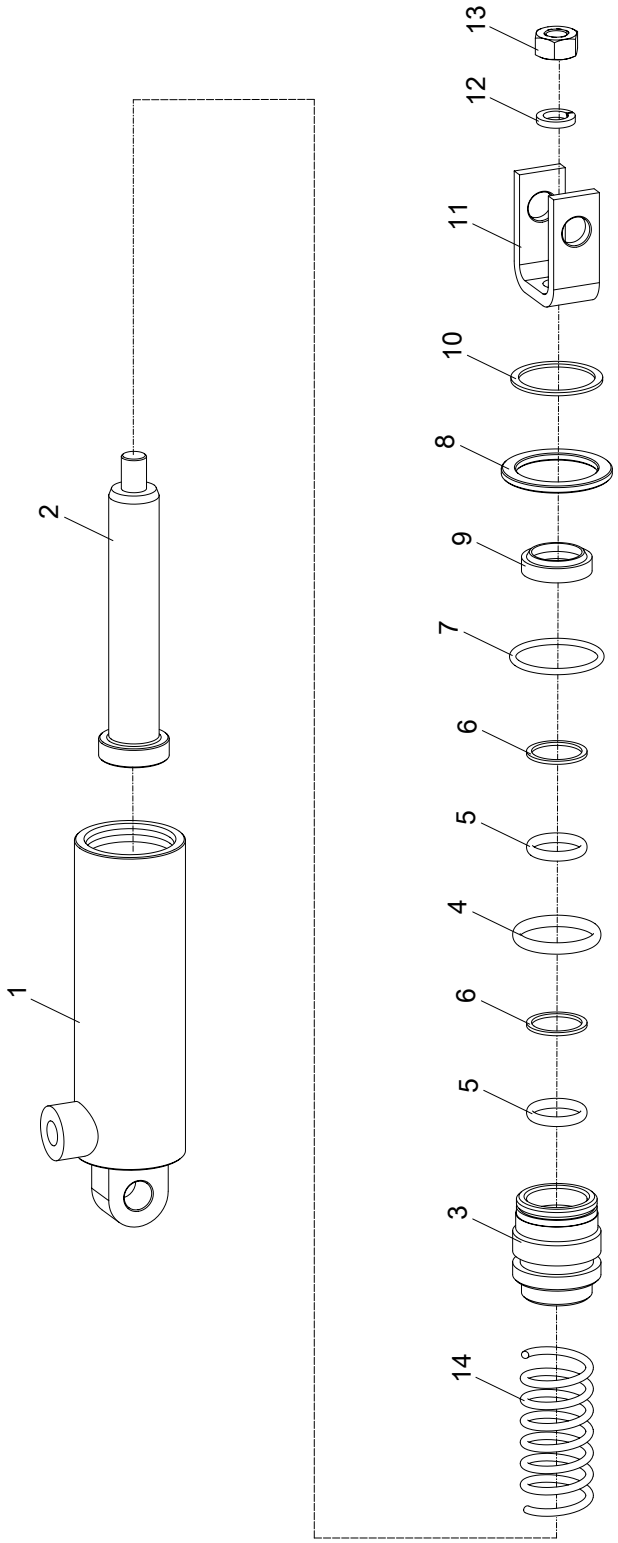
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RATCHET WHEEL MECHANISM
D00663003700000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663003700000001	Ratchet wheel mechanism		
1	1040500006	•Pin spindle	2	
2	1040500060	•Pin	2	
3	00663003700200001	•Ratchet pawl	1	
4	1080000004	•Oil cup	1	
5	00663003700001020	•Pin spindle	1	
6	204110014	•Lithium base grease	1kg	E
7	1040500047	•Pin	1	
8	00663303700001040	•Bush	1	
9	00663003700001030	•Washer	1	
10	1040200215	•Nut	1	
11		Derricking mechanism	1	
12		Ratchet wheel cylinder	1	

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RATCHET WHEEL CYLINDER
D00663307500000001_6400Y



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RATCHET WHEEL CYLINDER
D00663307500000001_6400Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663307500000001	Ratchet wheel cylinder		
1	00663308411501000	•Cylinder block	1	
2	00663308411502000	•Piston rod	1	
3	00663308411500002	•Guide bush	1	
4	1081000011	•O-ring	1	
5	1081000055	•O-ring	2	
6	1040301307	•Retainer ring	2	
7	1040301244	•Retainer ring for hole	1	
8	00663308411500007	•Washer	1	
9	1081200061	•Dust ring	1	
10	1040301267	•Circlip for shaft	1	
11	00663308411500006	•Connecting plate	1	
12	1040300067	•Washer	1	
13	1040200113	•Nut	1	
14	00663308411500005	•Compression spring	1	
15	E0663308411500001	•Seal kit	1	E

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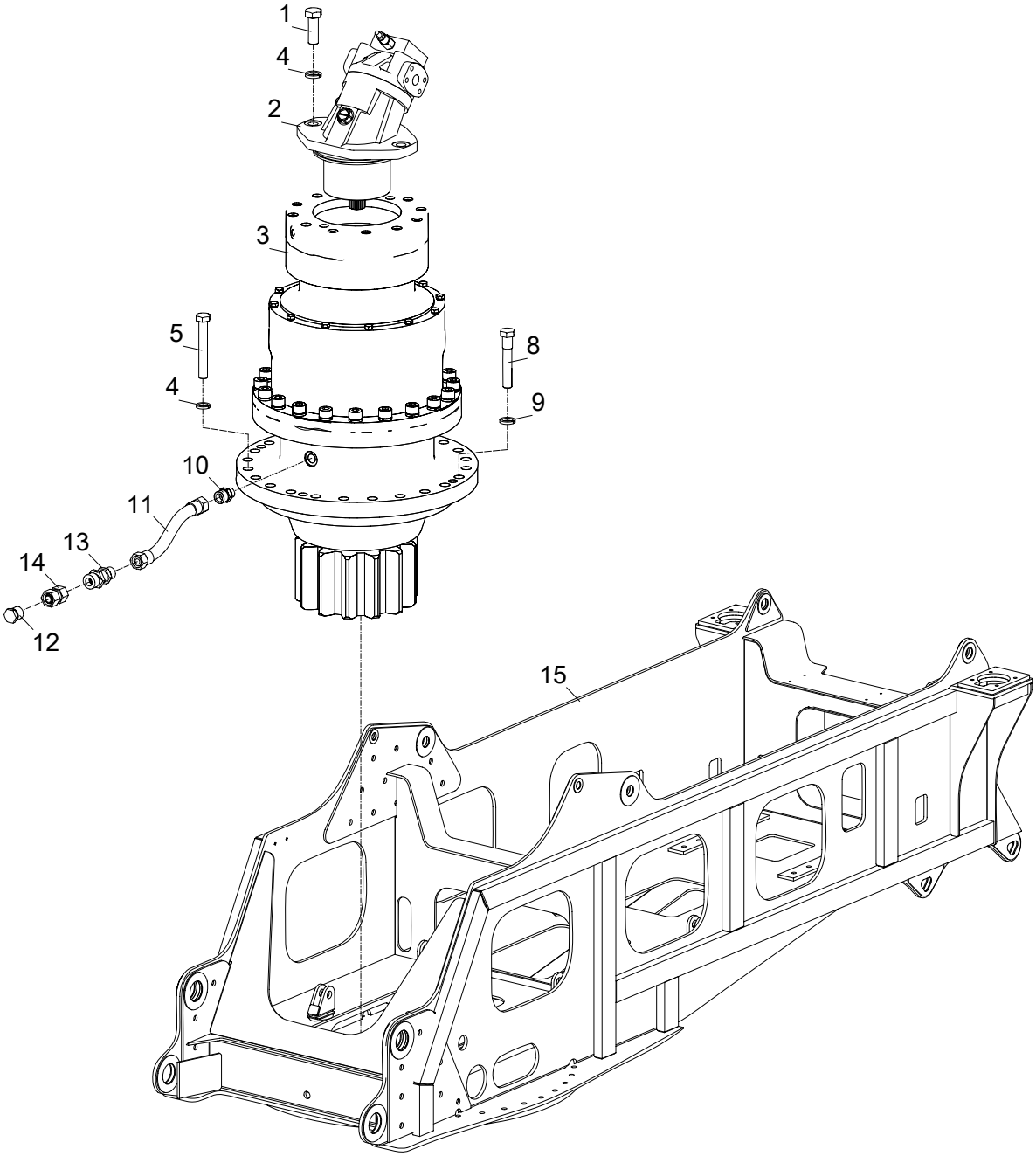
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 7 SLEWING GEAR

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SLEWING MECHANISM
D00663114400000000Y



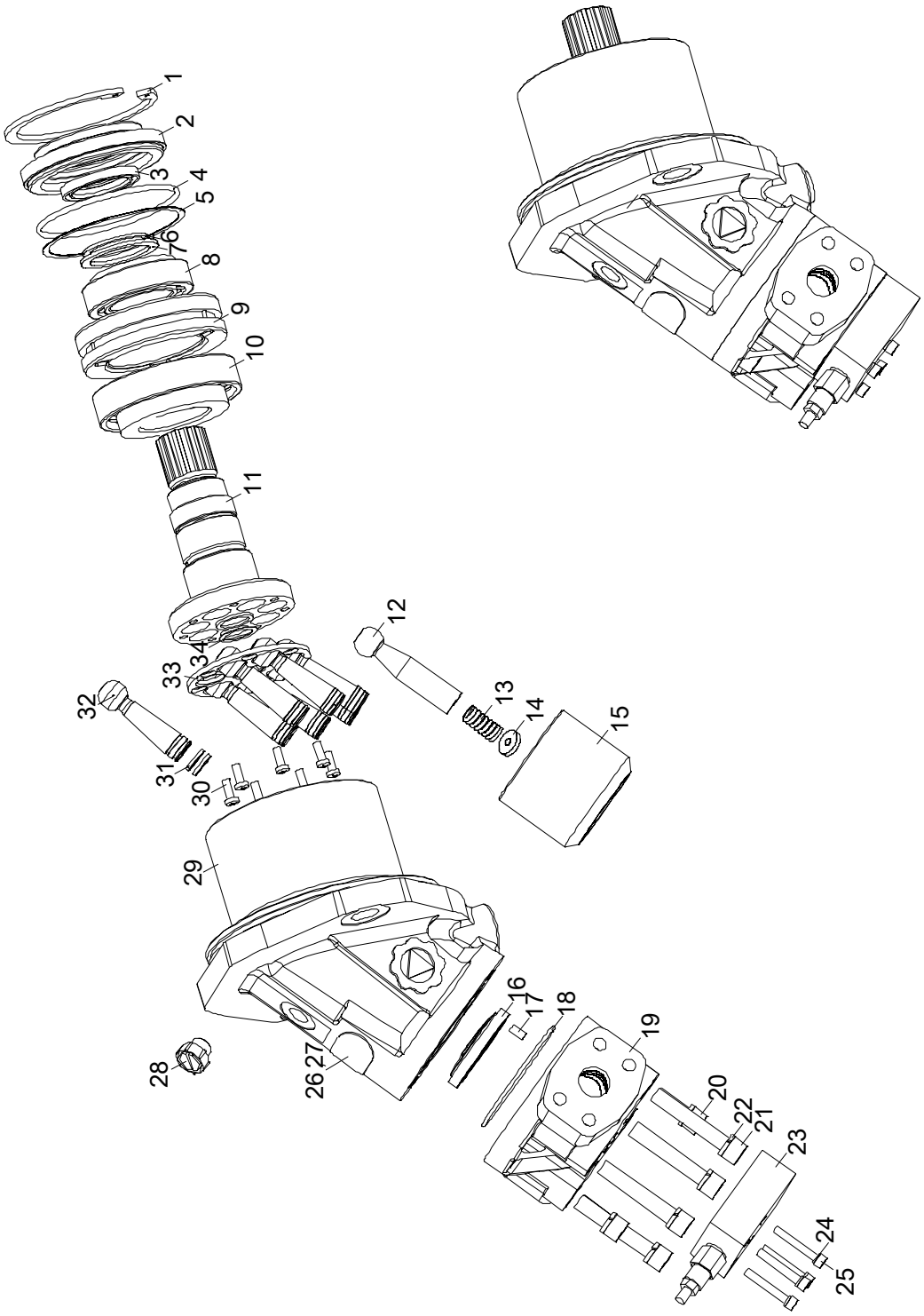
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SLEWING MECHANISM
D00663114400000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663114400000000	Slewing mechanism		
1	1040000065	•Bolt	2	
2	1010100076	•Hydraulic motor	1	
3	1030200565	•Slewing reducer	1	
4	1040300065	•Washer	23	
5	1040000221	•Bolt	21	
6	204050019	•Industrial closed gear oil	5.4L	
7	202230025	•1277 Thread sealant	0.1kg	
8	00663004400001010	•Bolt	3	
9	1040300028	•Washer	3	
10	1140100592	•Fitting	1	
11	1140203711	•Hose assy.	1	
12	1149900793	•Transition fitting	1	
13	1140100725	•Fitting	1	
14	1140102120	•Fitting	1	
15	00663110400200000	Slewing table	1	

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HYDRAULIC MOTOR
D1010100076_100033Y



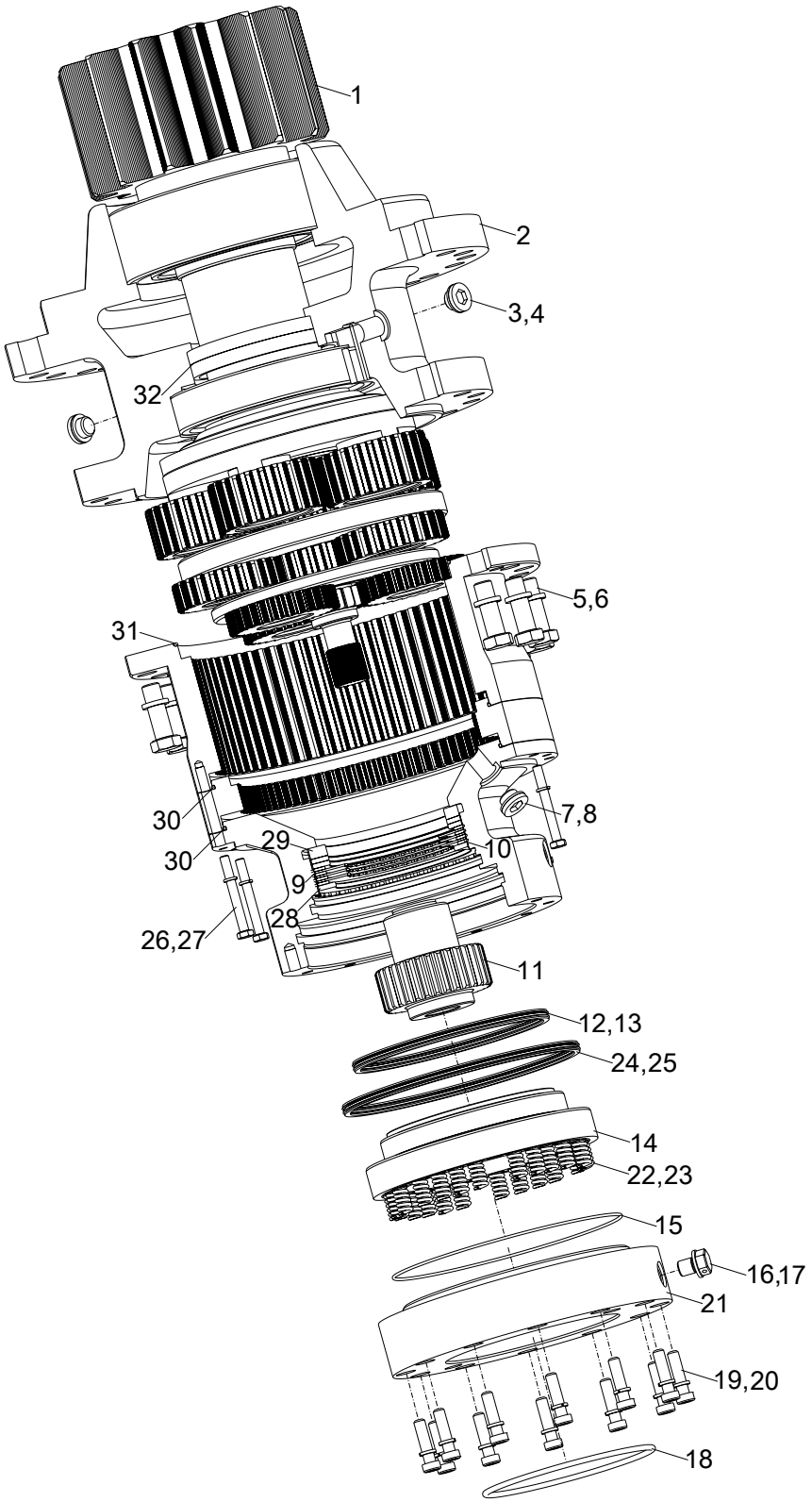
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HYDRAULIC MOTOR
D1010100076_100033Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010100076	Hydraulic motor		
1	1040302049	•Retainer ring for hole	1	
2	(1)	•Shaft seal cap	1	
3	1081004168	•Skeleton oil seal	1	
4	(2)	•O-ring	1	
5	(3)	•Adjusting shim	2	
6	(4)	•Retainer ring for shaft	1	
7	(5)	•Shim	1	
8	(6)	•Conical roller bearing	1	
9	(7)	•Bearing seat	1	
10	(8)	•Conical roller bearing	1	
11	(9)	•Main shaft Z	1	
12	(10)	•Core spindle	1	
13	(11)	•Spring	1	
14	(12)	•Washer	1	
15	(13)	•Cylinder block	1	
16	(14)	•Orifice plate	1	
17	(15)	•Pin	1	
18	(16)	•O-ring	1	
19	(17)	•Rear cover	1	
20	1040100071	•Screw	2	
21	1040100208	•Screw	4	
22	1040300320	•Washer	6	
23	(18)	•Flushing valve	1	
24	(19)	•Washer	4	
25	(20)	•Screw	4	
26	(21)	•Nameplate	1	
27	(22)	•Nail for nameplate	2	
28	(23)	•Nut cover	1	
29	(24)	•Housing	1	
30	1040100386	•Screw	7	
31	(25)	•Plunger ring	14	
32	(26)	•Plunger	7	
33	(27)	•Pressure plate	1	
34	(28)	•Washer	1	

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SLEWING REDUCER
D1030200565_100013Y



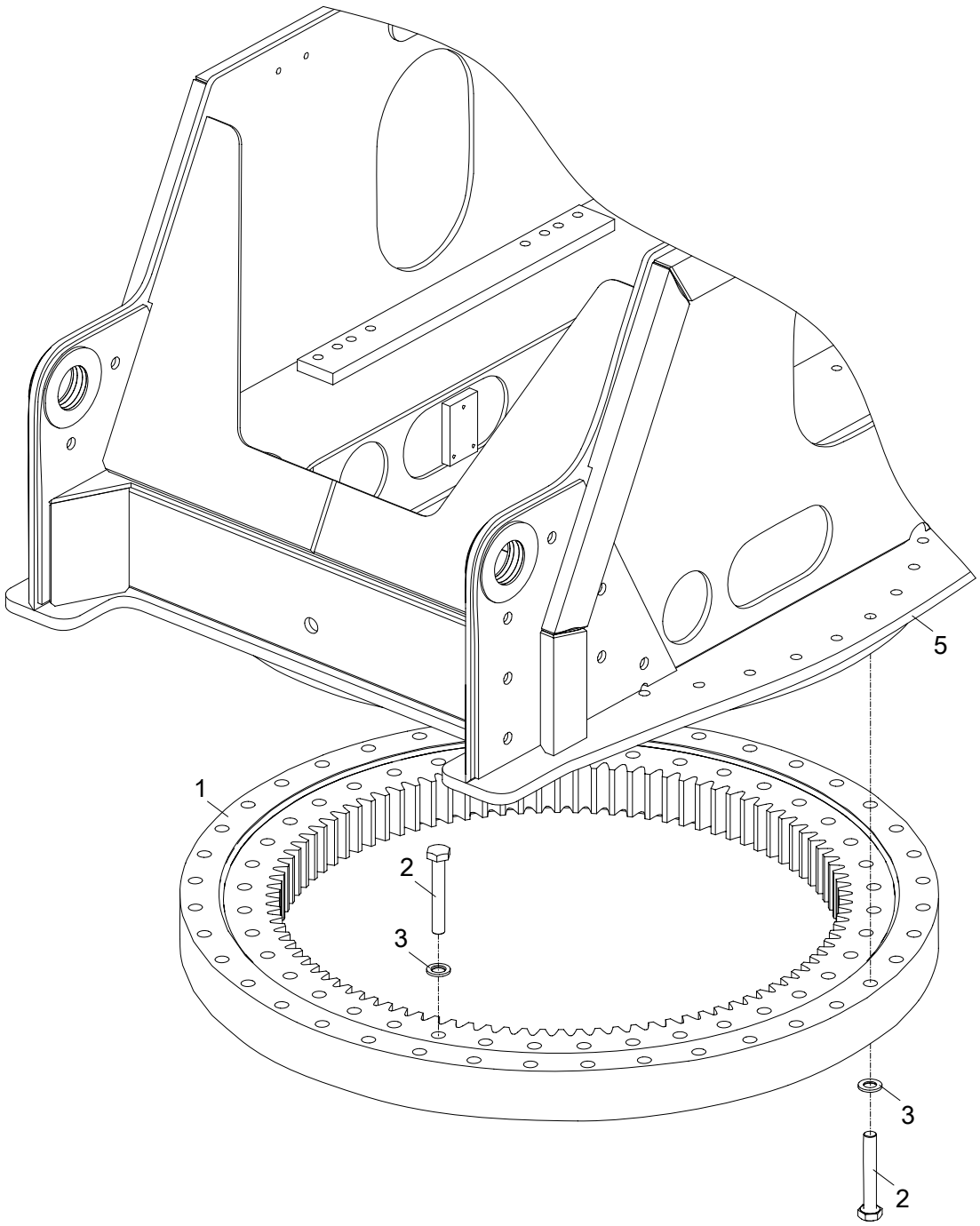
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SLEWING REDUCER
D1030200565_100013Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200565	Slewing reducer		
1	P10300001425	•Output gear (JH36-01K)	1	
2	1039802389	•Bearing seat	1	
3	1039800661	•Plug	1	
4	1039800651	•Seal ring	1	
5	1039800873	•Hexagon bolt	20	
6	1039800878	•Spring washer	20	
7	1039801863	•Hexagon socket plug	1	
8	1039802031	•Combination pad	1	
9	1039802411	•Moving plate	3	
10	1039802410	•Fixing plate	4	
11	1039802404	•Coupling spindle	1	
12	1039802409	•X-ring	1	
13	1039801872	•Nylon retainer ring	2	
14	1039802403	•Piston	1	
15	1039802405	•O-ring	1	
16	1039800660	•Ventilation plug	1	
17	1019802752	•Combination washer	1	
18	1039801628	•O-ring	1	
19	1039800639	•Hexagon screw	12	
20	1039800641	•Spring washer	12	
21	1039802406	•Input flange	1	
22	1039800903	•Spring	20	
23	1039800904	•Spring	20	
24	1039802407	•X-ring	1	
25	1039802408	•Nylon retainer ring	2	
26	1039802398	•Hexagon bolt	12	
27	1039800640	•Spring washer	12	
28	1039802402	•Adjusting washer	3	
29	1039802401	•Limit washer	1	
30	1039802396	•O-ring	2	
31	1039802394	•O-ring	1	
32	1039802390	•Oil seal	2	
33	1039804708	•Slewing reducer sealing element	1	E

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SLEWING RING ASSEMBLY
D00663024500000000Y



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SLEWING RING ASSEMBLY
D00663024500000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663024500000000	Slewing ring assembly		
1	1031500021	•Slewing ring	1	
2	1040000364	•Bolt	80	
3	1040300178	•Washer	80	
4	202230025	•1277 Thread sealant	0.1kg	E
5		Slewing table attachments welded	1	

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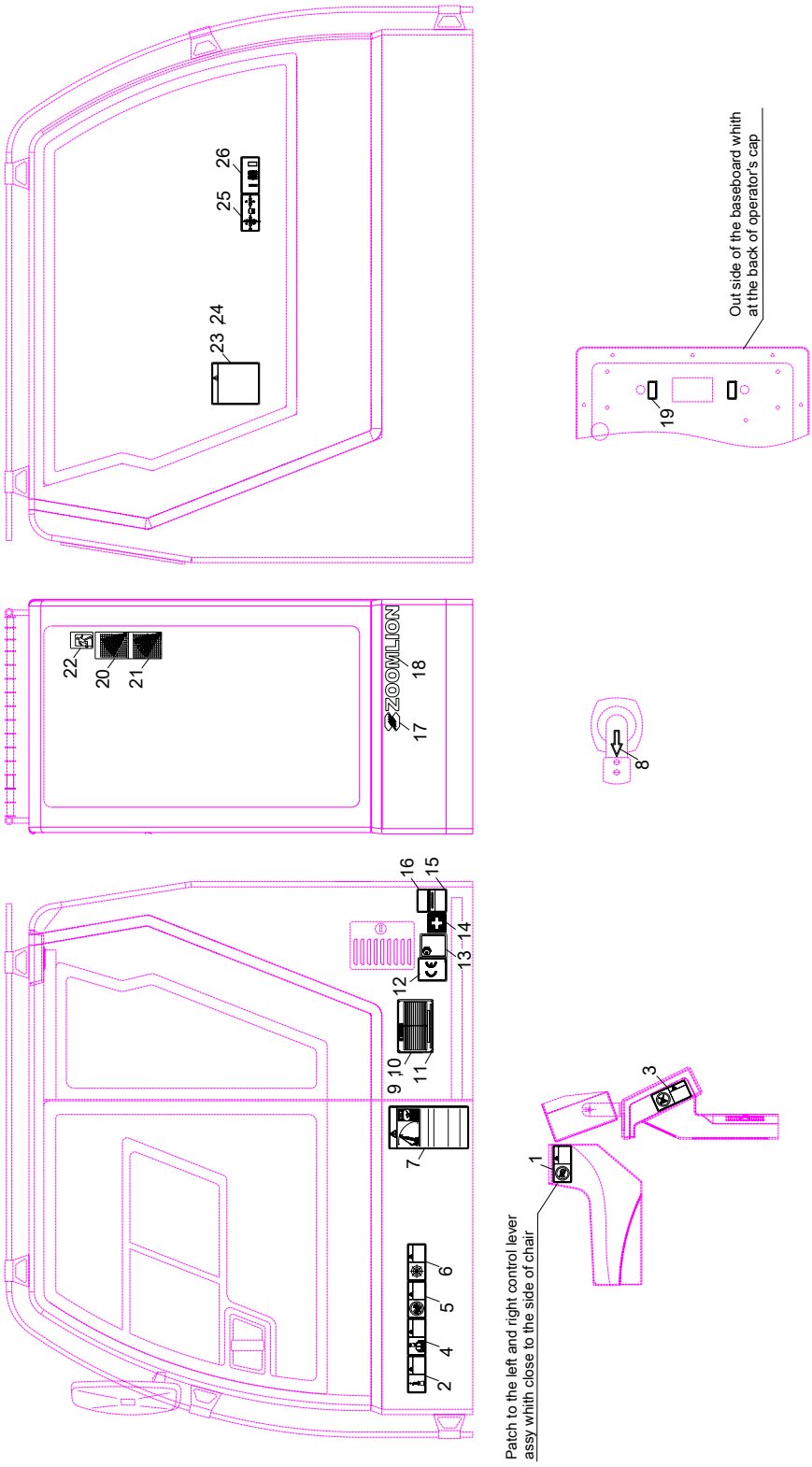
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 8 CONTROL SYSTEM

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INSTALLATION OF SIGNS ON THE OPERATOR'S CAB
D00663117000200000Y



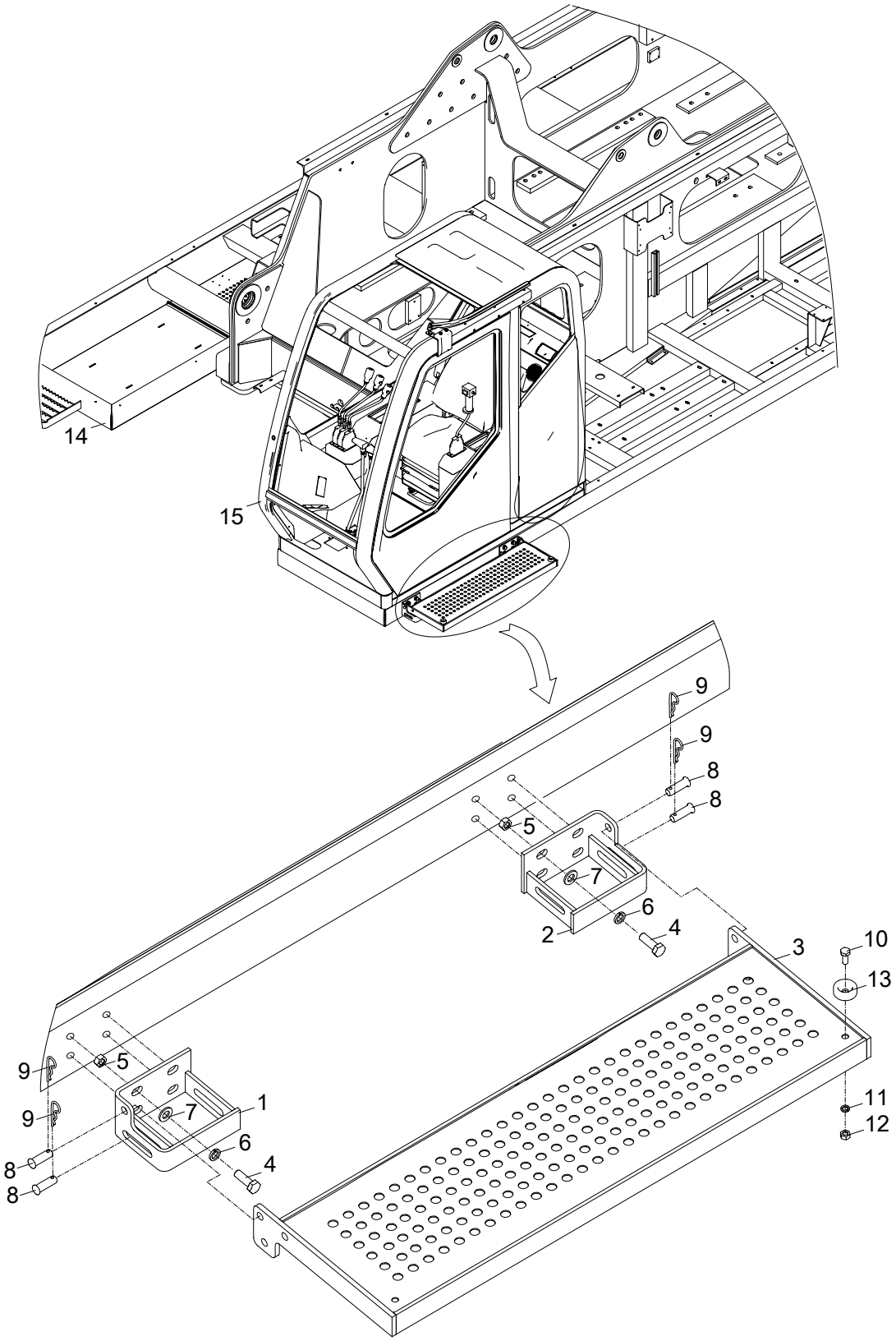
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INSTALLATION OF SIGNS ON THE OPERATOR'S CAB D00663117000200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117000200000	Installation of signs on the operator's cab		
1	00663117000201010	•Warning sign	1	
2	00663117000201080	•Caution sign	1	
3	00663117000201100	•Warning sign	1	
4	00663117000201020	•Warning sign	1	
5	00663117000201050	•Warning sign	1	
6	00663117000201030	•Danger sign	1	
7	00663117000201040	•Danger sign	1	
8	00663017000001100	•Arrow indicator	1	
9	006340000110	•Product nameplate	1	
10	006340000090	•Product nameplate	1	
11	1040400010	•Rivet	1	
12	006340000089	•Indicating sign	1	
13	00663007000001180	•CE sign for noise level	1	
14	00663007000001100	•First aid box sign	1	
15	00663007000001170	•Declaration sign	1	
16	00663117000201090	•Sign "Data recorder available"	1	
17	006340000085	•Enterprise logo	1	
18	006340000087	•Sign	1	
19	006340000094	•Sign	1	
20	00663117000201110	•Lifting height	1	
21	00663117000201120	•Lifting height	1	
22	00663017000001110	•Safety sign	1	
23	00663007000001060	•Safety sign	1	
24	00663607000001070	•Safety sign	1	
25	00663117000201060	•Operating signs	1	
26	00663117000201070	•Pedal sign	1	

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INSTALLATION OF CAB PEDAL
D00663054701000000Y



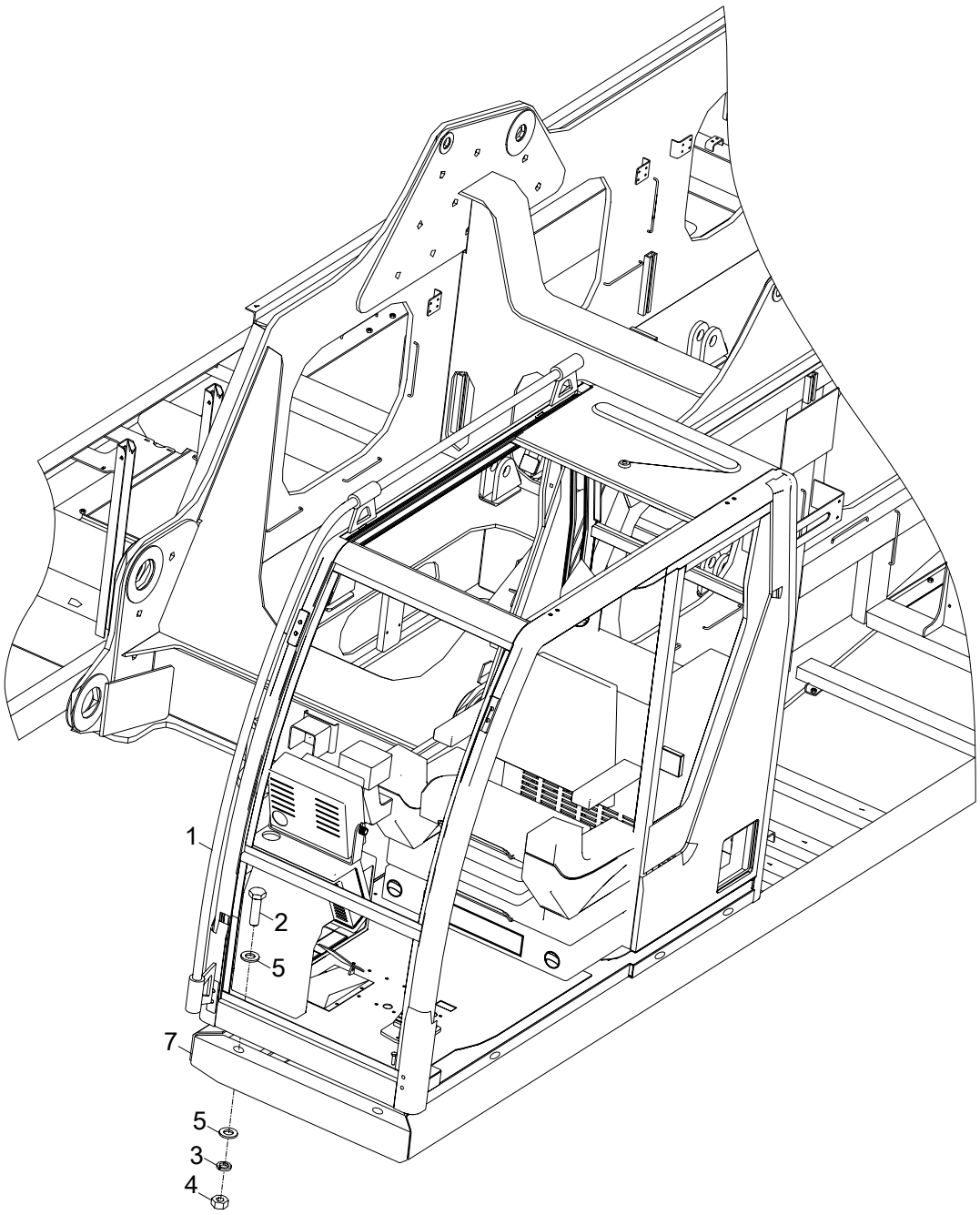
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INSTALLATION OF CAB PEDAL
D00663054701000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663054701000000	Installation of cab pedal		
1	00663054701010000	•Bracket	1	
2	00663054701020000	•Bracket	1	
3	00663054701030000	•Pedal	1	
4	1040000094	•Bolt	8	
5	1040200113	•Nut	8	
6	1040300054	•Washer	8	
7	1040300041	•Washer	8	
8	1040500050	•Pin	4	
9	006340000035	•Spring-loaded pin	4	
10	1040000267	•Bolt	2	
11	1040300063	•Washer	2	
12	1040200192	•Nut	2	
13	00663054701001010	•Washer	2	
14		Slewing table attachments welded	1	
15		Operator's cab	1	

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OPERATOR'S CAB ASSEMBLY
D00663110700000000Y



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OPERATOR'S CAB ASSEMBLY
D00663110700000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110700000000	Operator's cab assembly		
1	1130000384	•Operator's cab assy.	1	
2	1040000122	•Bolt	8	
3	1040300067	•Washer	8	
4	1040200113	•Nut	8	
5	1040300061	•Washer	16	
6	1999900004	•First aid box	1	
7	00663110400000000	Slewing table attachments welded	1	▼

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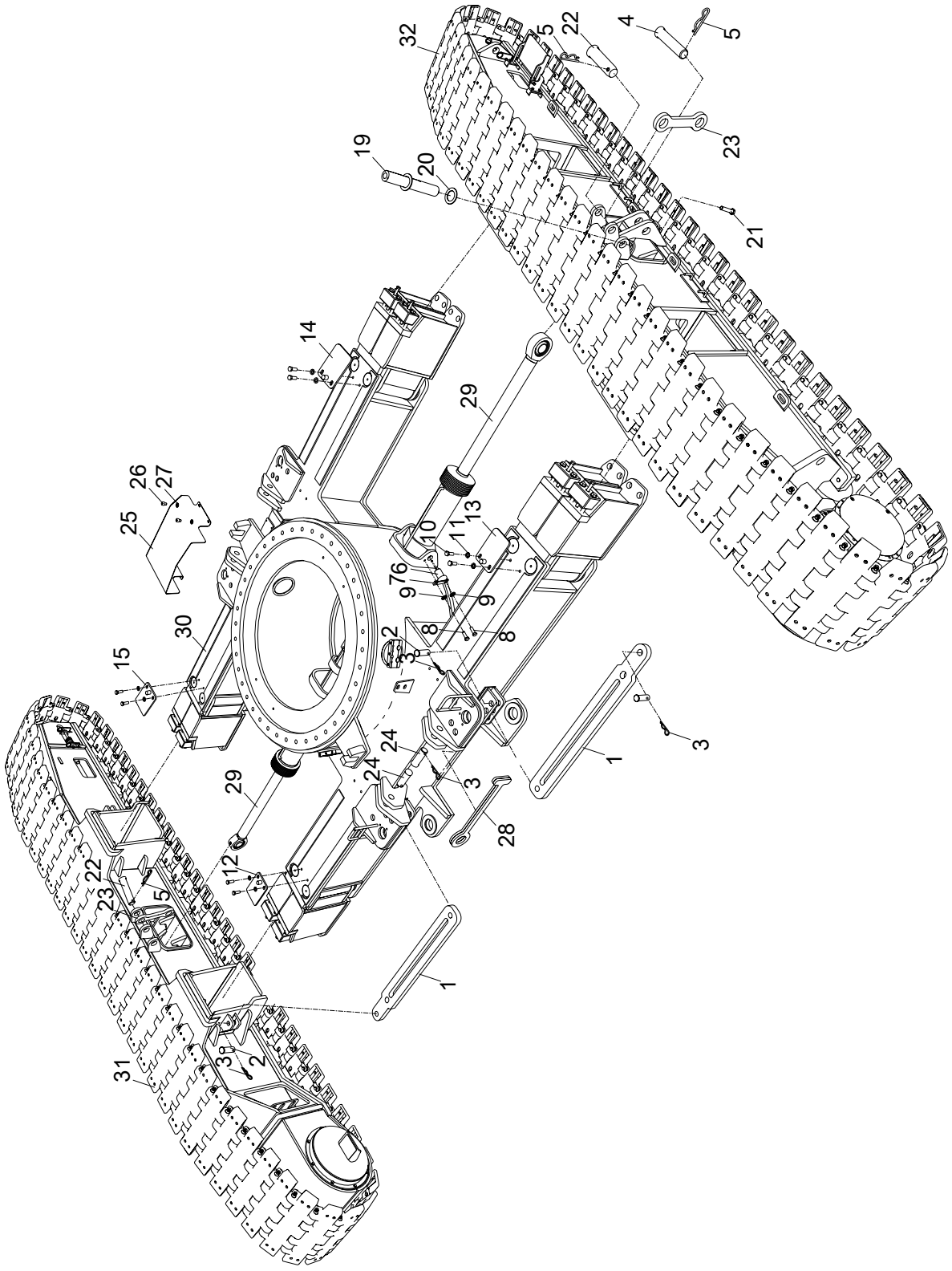
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 9 UNDERCARRIAGE SYSTEM

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UNDERCARRIAGE CENTRAL SECTION ASSEMBLY
D00663112800800000Y



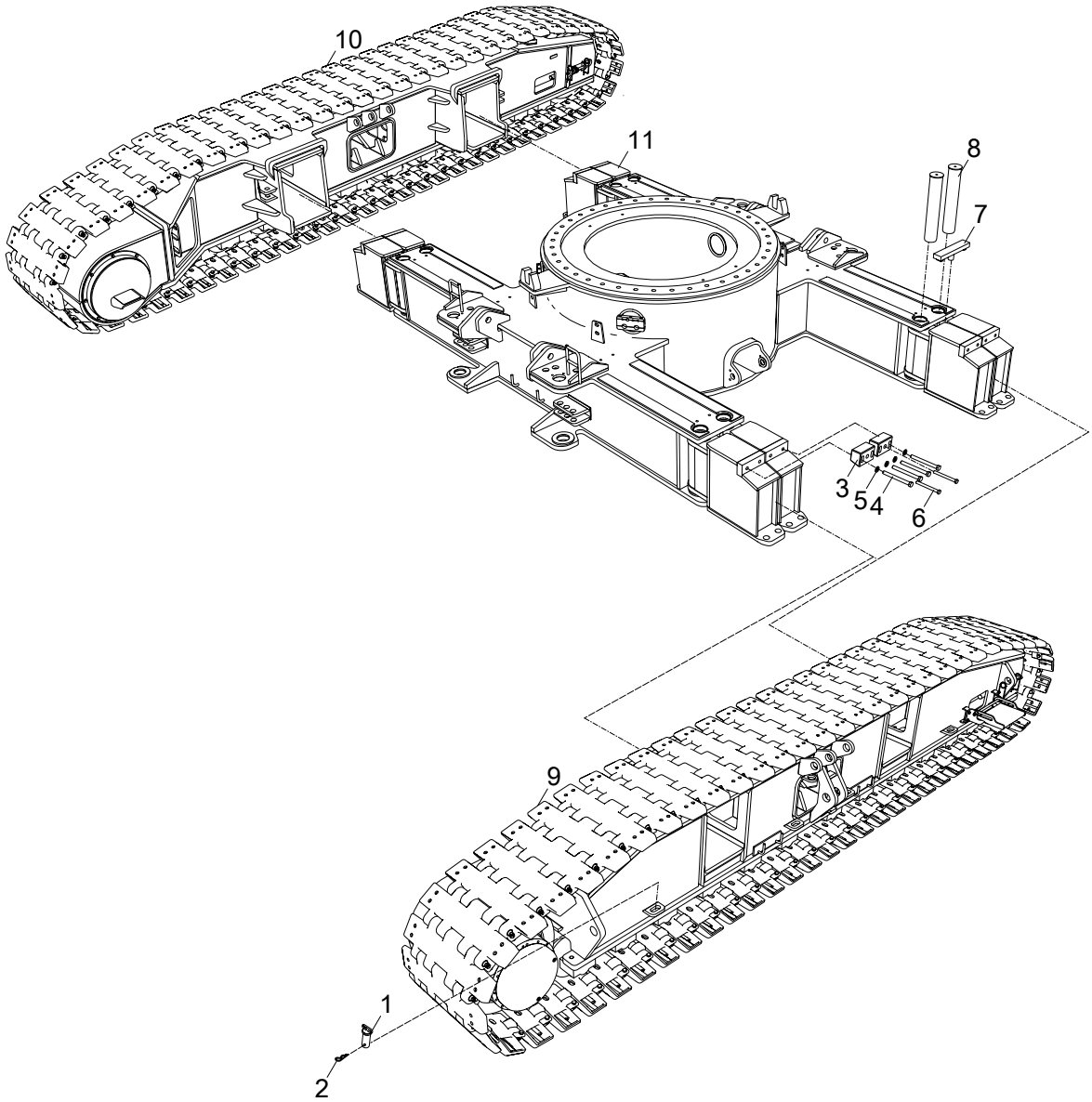
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UNDERCARRIAGE CENTRAL SECTION ASSEMBLY D00663112800800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112800800000	Undercarriage central section assembly		
1	00663112800801010	•Anchoring rod	4	
2	00663002800601011	•Pin spindle	12	
3	006340000029	•Spring-loaded pin	16	
4	00663112800801020	•Pin spindle	2	
5	006340000006	•Retaining spring (D50, 55)	6	
6	00663112800801030	•Pin spindle	4	
7	00663112800801040	•Plate	4	
8	1040000094	•Bolt	8	
9	1040300054	•Washer	8	
10	1040000065	•Bolt	8	
11	1040300052	•Washer	8	
12	00663022801600000	•Wedge block A	1	▽
13	00663022801800000	•Wedge block B	1	▽
14	00663022802000000	•Wedge block C	1	▽
15	00663022802200000	•Wedge block D	1	▽
16	00663022802800000	•Wedge block (E)	1	▽
17	00663022803000000	•Wedge block (F)	1	▽
18	00663022800001080	•Plate	1	▽
19	00663112800820000	•Pipe	2	
20	00663112800821020	•Ring	2	
21	1040000252	•Bolt	2	
22	00663112800801060	•Pin spindle	4	
23	00663112800801070	•Anchoring rod	4	
24	00663112800801080	•Pin spindle	4	
25	00663112800810000	•Cover	1	
26	1040100037	•Screw	4	
27	1040300066	•Washer	4	
28	00663112800801090	•Anchoring rod	4	
29		Crawler carrier extending & retracting cylin der	2	
30		Undercarriage central section assy.	1	
31		Left crawler carrier assy.	1	
32		Right crawler carrier assy.	1	

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ADDITIONAL SUPPORT INSTALLATION
D00663112800620000Y



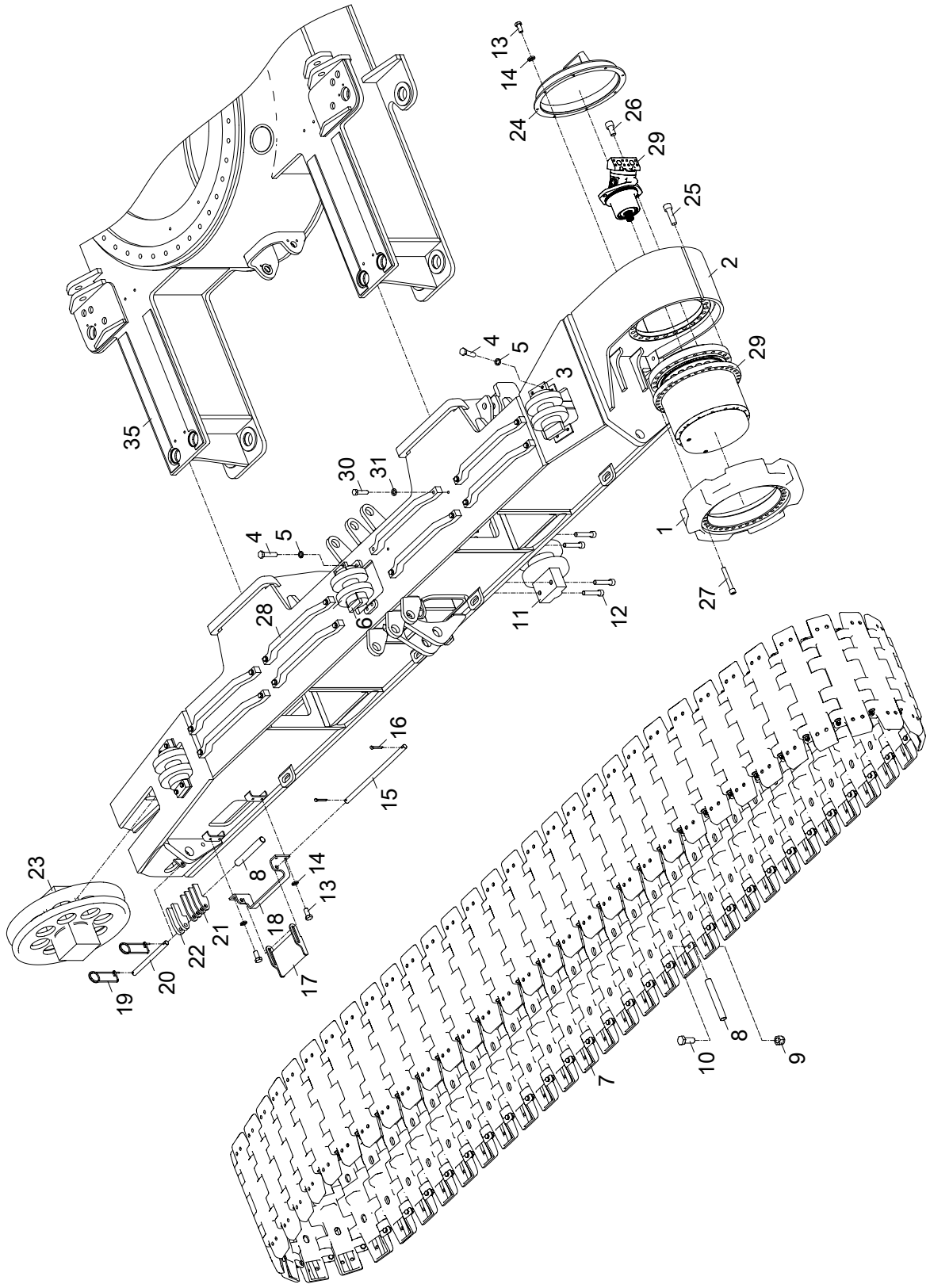
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ADDITIONAL SUPPORT INSTALLATION
D00663112800620000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112800620000	Additional support installation		
1	00663112800620010	•Pin spindle	8	
2	006340000029	•Spring-loaded pin	8	
3	00663112800621010	•Plate	8	
4	00663112800621020	•Bolt	16	
5	1040300106	•Washer	16	
6	00663112800621030	•Bolt	8	
7	00663112800620020	•Retaining plate	4	
8	00663112800621040	•Shaft	8	
9		Left crawler carrier assy.	1	
10		Right crawler carrier assy.	1	
11		Undercarriage central section assy.	1	

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LEFT CRAWLER CARRIER ASSY.
D00663112400000000Y



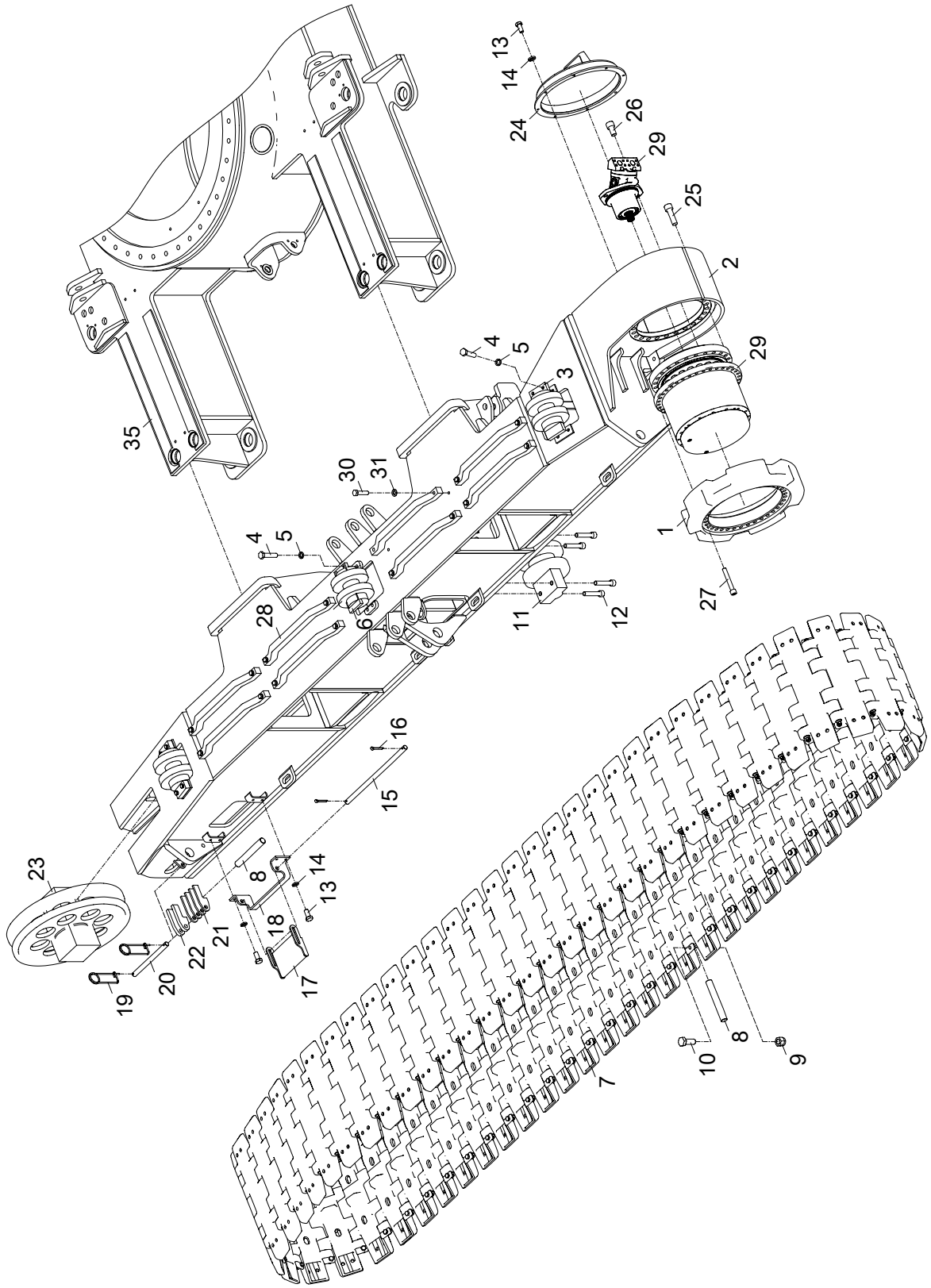
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LEFT CRAWLER CARRIER ASSY.
D00663112400000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112400000000	Left crawler carrier assy.		
1	1031400070	•Drive sprocket	1	
2	00663112400600000	•Left crawler carrier assy.	1	
3	1031400005	•Track carrier roller assy.	2	
4	1040000250	•Bolt	12	
5	1040300068	•Washer	12	
6	1031400012	•Track carrier roller	1	
7	1031400086	•Track pad	63	
8	00663022400001030	•Pin	128	
9	1040200161	•Nut	126	
10	1040000082	•Bolt	128	
11	1031400039	•Track roller	12	
12	1040100303	•Screw	48	
13	1040000069	•Bolt	12	
14	1040300054	•Washer	12	
15	00663104700601020	•Shaft	1	
16	1040500077	•Pin	2	
17	00663002400800001	•Step support	1	
18	00663002400001191	•Step seat	1	
19	00663605400201020	•Retaining pin	4	
20	00663302400001131	•Pin spindle	2	
21	00663022400001020	•Pad	9	
22	00663022400001010	•Pad	14	
23	1031400046	•Driven sprocket assy.	1	
24	00663112400800000	•Cover	1	
25	1040100266	•Screw	24	
26	1040100299	•Screw	2	
27	1040100687	•Screw	36	
28	00663062400001010	•Track carrier plate	8	
29	00660512400600000	•Traveling reducer + motor	1	
30	1040000023	•Bolt	16	
31	1040300052	•Washer	16	
32	202230025	•1277 Thread sealant	0.001kg	E
33	1990300019	•Rubber seal	650	E
34	204050019	•Industrial closed gear oil	9L	E

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LEFT CRAWLER CARRIER ASSY.
D00663112400000000Y



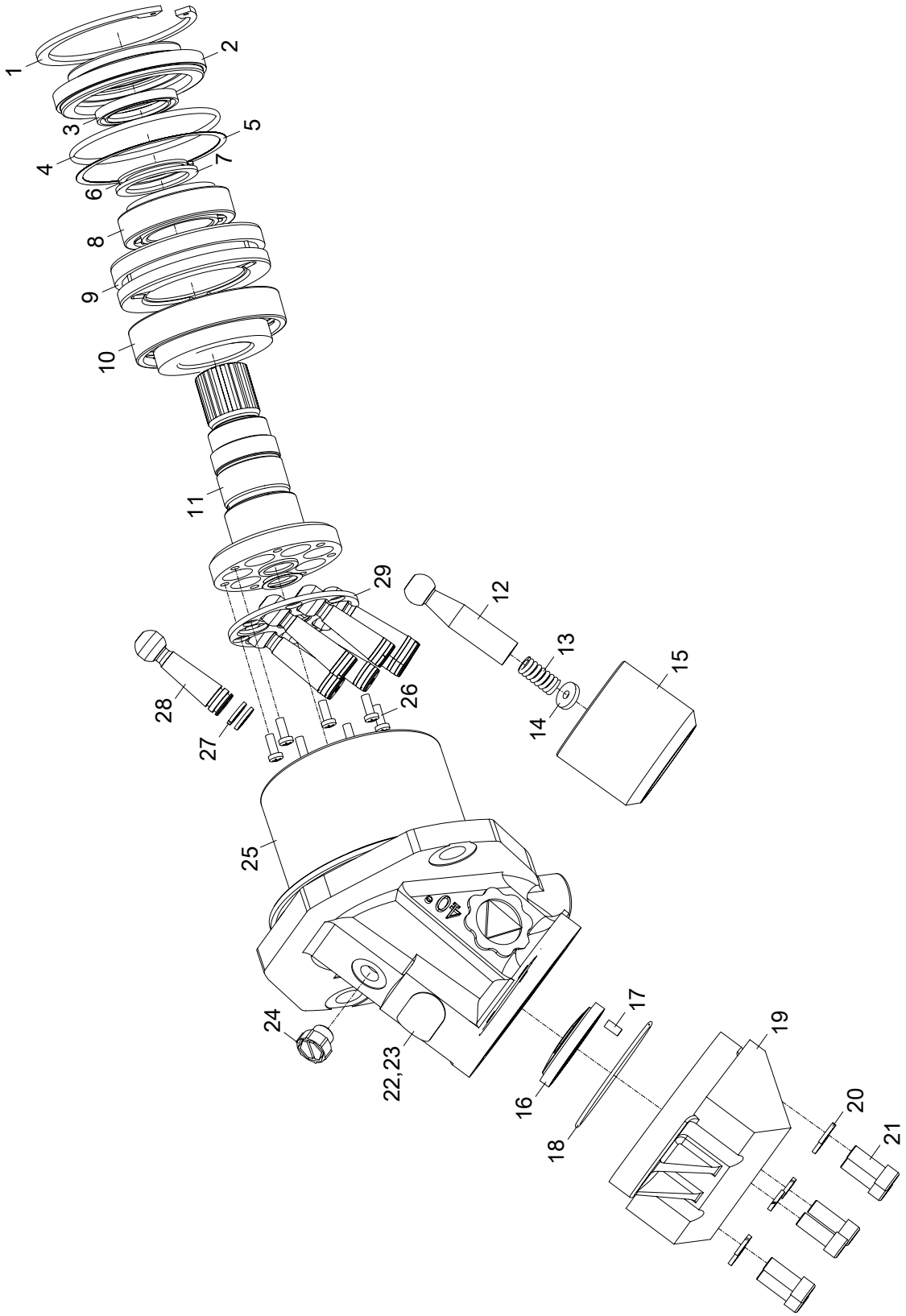
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LEFT CRAWLER CARRIER ASSY.
D00663112400000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	00663112800200000	Undercarriage central section welded	1	

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TRAVELING MOTOR
D1030200742_100033Y



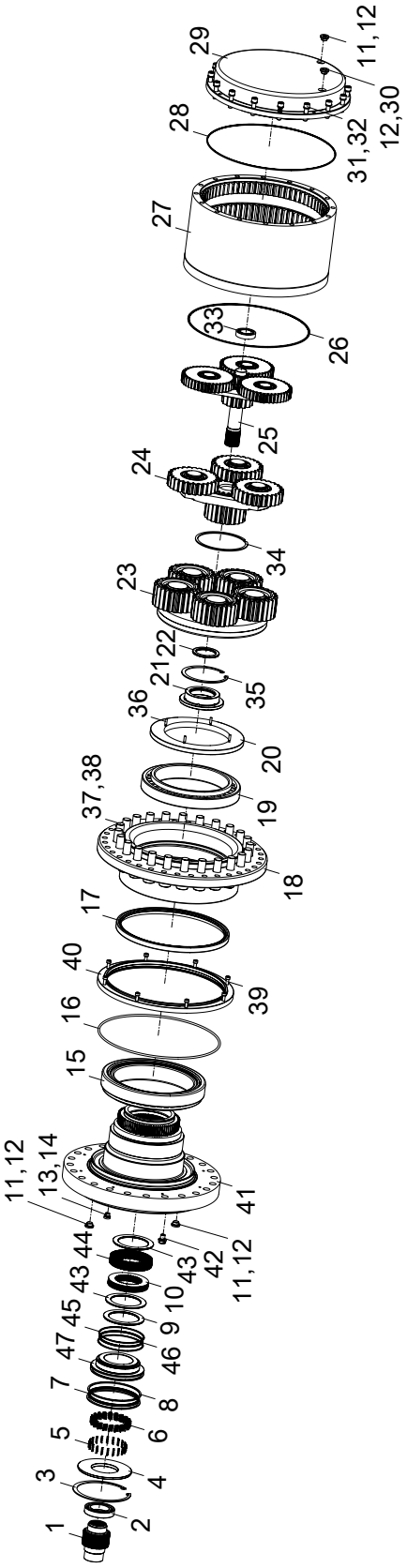
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TRAVELING MOTOR
D1030200742_100033Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200742	Traveling motor		
1	(1)	•Retainer ring for hole	1	
2	(2)	•Shaft seal cap	1	
3	(3)	•Skeleton oil seal	1	
4	(4)	•O-ring	1	
5	(5)	•Adjusting shim	2	
6	(6)	•Retainer ring for shaft	1	
7	(7)	•Shim	1	
8	(8)	•Conical roller bearing	1	
9	(9)	•Bearing seat	1	
10	(10)	•Conical roller bearing	1	
11	(11)	•Main shaft Z	1	
12	(12)	•Core spindle	1	
13	(13)	•Spring	1	
14	(14)	•Washer	1	
15	(15)	•Cylinder block	1	
16	(16)	•Orifice plate	1	
17	(17)	•Pin	1	
18	(18)	•O-ring	1	
19	(19)	•Rear cover	1	
20	(20)	•Spring washer	6	
21	(21)	•Screw	6	
22	(22)	•Nameplate	1	
23	(23)	•Nail for nameplate	2	
24	(24)	•Nut cover	1	
25	(25)	•Housing	1	
26	(26)	•Screw	7	
27	(27)	•Plunger ring	14	
28	(28)	•Plunger	7	
29	(29)	•Pressure plate	1	

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TRAVELING REDUCER
D1030200733_100013Y



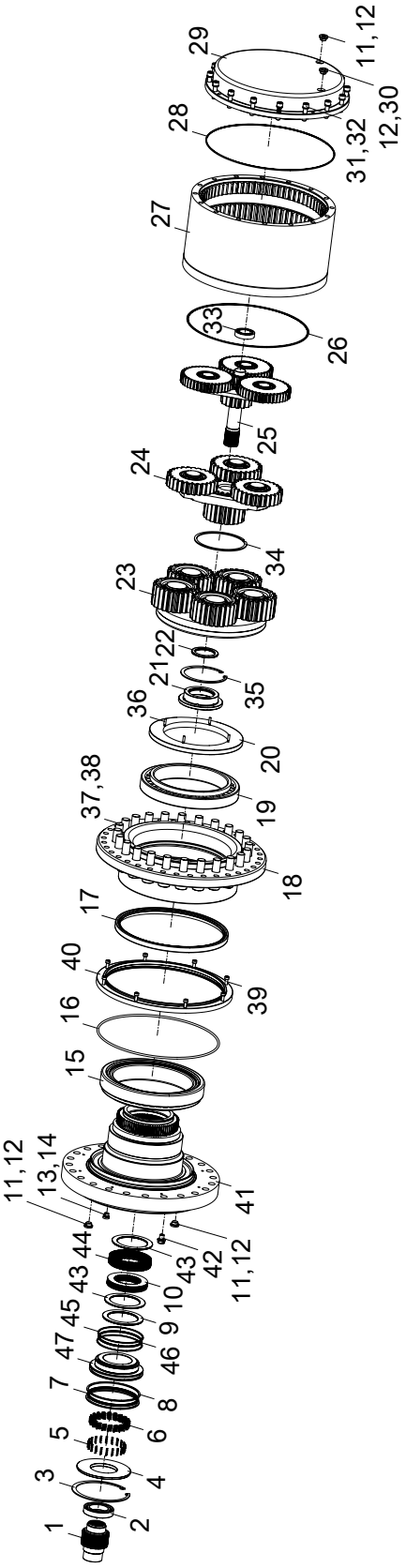
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TRAVELING REDUCER
D1030200733_100013Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
1	1009803766	•Connecting shaft	1	
2	1009803789	•Bearing	1	
3	1009803780	•Retainer ring for hole	1	
4	1009803775	•Spring bearer plate	1	
5	1039800904	•Spring	18	
6	1039800903	•Spring	18	
7	1009803795	•X-ring	1	
8	1009803782	•Nylon retainer ring	2	
9	1009803769	•Adjusting washer	1	
10	1009803794	•Moving plate	6	
11	1039800898	•Hexagon socket plug	3	
12	1039800651	•Seal ring	4	
13	1009803792	•Hexagon socket plug	1	
14	1009803783	•Sealing ring	1	
15	1009803791	•Conical roller bearing	1	
16	1009803787	•O-ring	1	
17	1009803784	•Oil seal	1	
18	1009803767	•Bearing seat	1	
19	1009803790	•Conical roller bearing	1	
20	1009803774	•Locking nut	1	
21	1009803771	•Positioning sleeve	1	
22	1009803770	•Primary central gear ring washer	1	
23	(1)	•Primary reduction gear assy.	1	
24	(2)	•Secondary reduction gear assy.	1	
25	(3)	•Third reduction gear assy.	1	
26	1009803786	•O-ring	1	
27	1039803252	•Gear ring	1	
28	1009803785	•O-ring	1	
29	1039805812	•Rear cover	1	
30	1039800661	•Plug	1	
31	1009803776	•Hexagon socket screw	16	
32	1039801682	•Elastic washer	16	
33	1009803788	•Bearing	1	
34	1009803779	•Retainer ring for shaft	1	

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TRAVELING REDUCER
D1030200733_100013Y



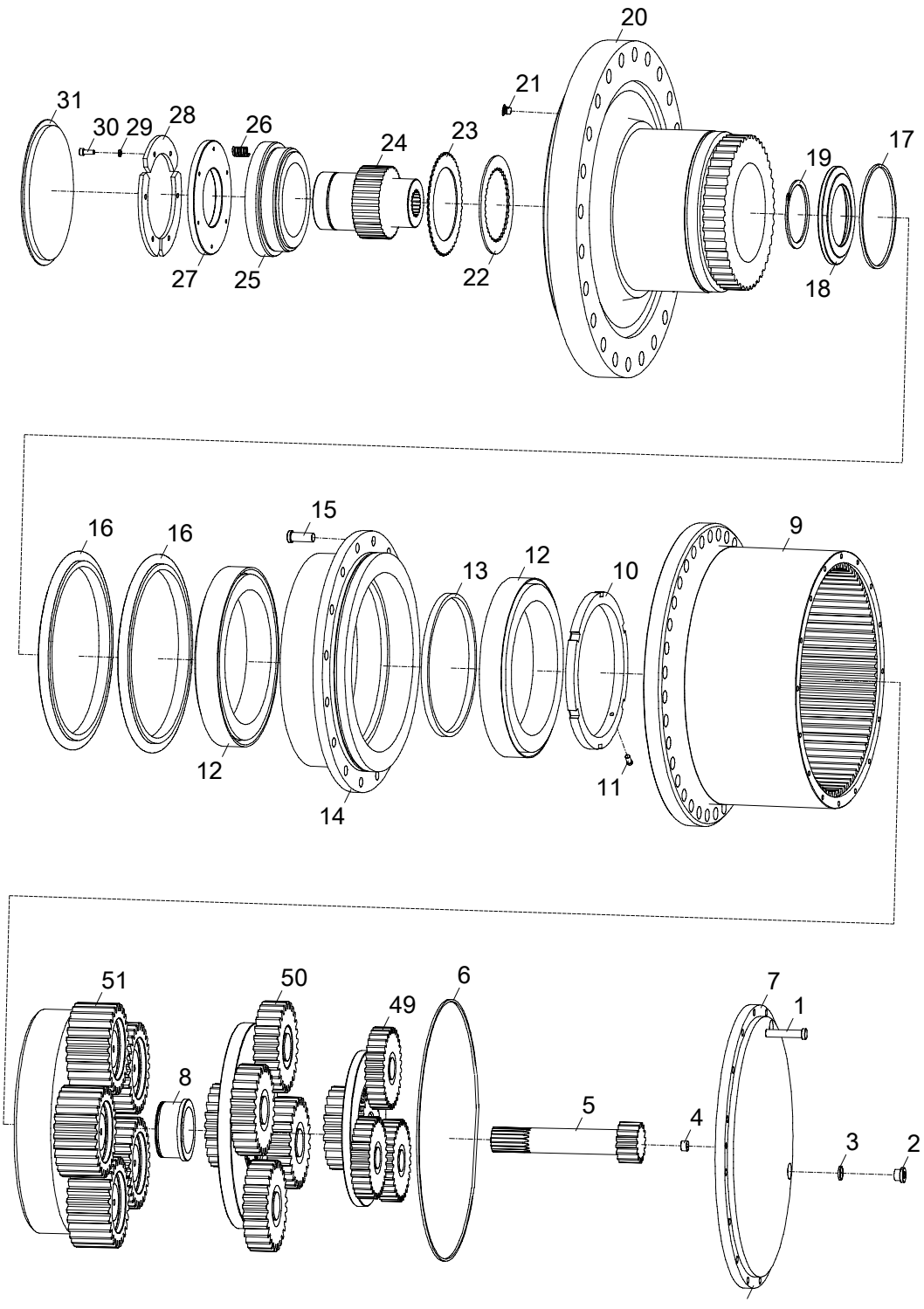
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TRAVELING REDUCER
D1030200733_100013Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1009803781	•Retainer ring for hole	1	
36	1009803755	•Positioning pin	4	
37	1009803777	•Hexagon socket screw	24	
38	1009803778	•Elastic washer	24	
39	1039801860	•Hexagon socket screw	8	
40	1009803798	•Dust cap of oil seal	2	
41	1009803772	•Large flange	1	
42	1039800900	•Ventilation plug	1	
43	1009803768	•Limit washer	1	
44	1009803793	•Fixing plate	7	
45	1039801871	•Nylon retainer ring	2	
46	1039800667	•X-ring	1	
47	1009803765	•Piston	1	

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TRAVELING REDUCER
D1030200733_100014Y



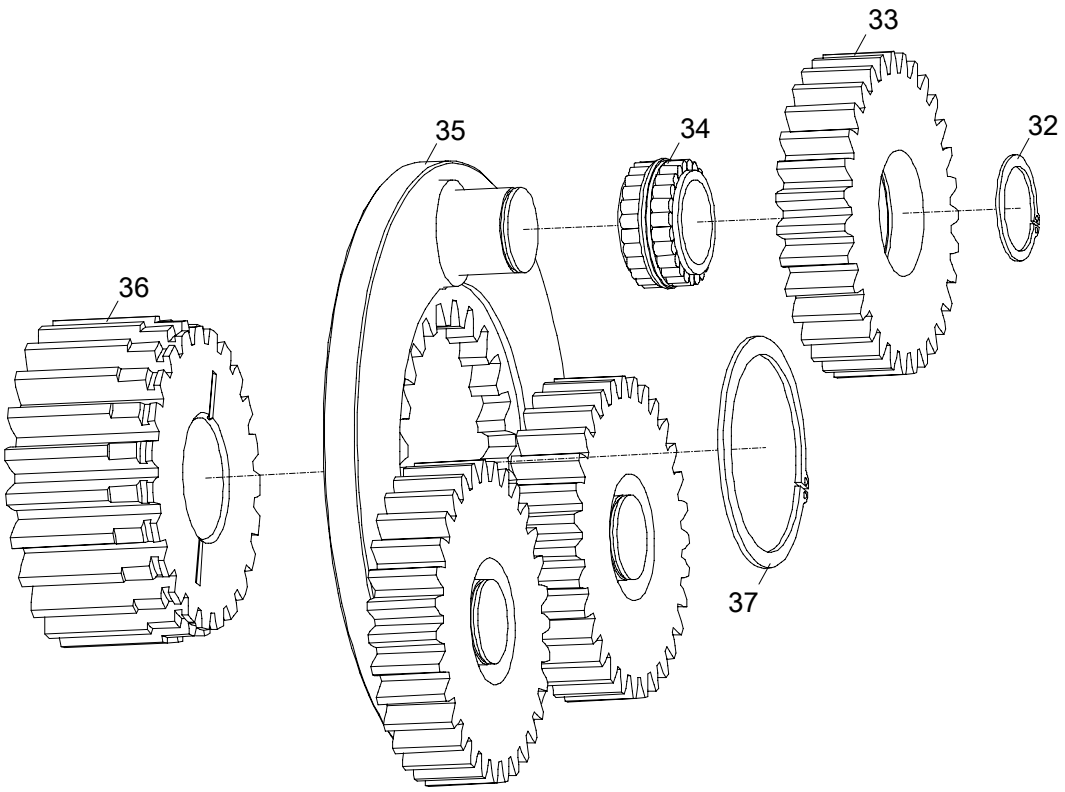
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TRAVELING REDUCER
D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
1	(1)	•Screw	16	
2	(2)	•Plug	2	
3	(3)	•Combination pad	2	
4	(4)	•Top post	1	
5	(5)	•Sun gear shaft	1	
6	(6)	•O-ring	1	
7	(7)	•Primary gear ring	1	
8	(8)	•Retainer ring	1	
9	(9)	•Large gear ring	1	
10	1009803828	•Screw	1	
11	(10)	•Screw	1	
12	(11)	•Bearing	2	
13	(12)	•Washer	1	
14	(13)	•Bearing seat	1	
15	(14)	•Bolt	16	
16	(15)	•Flow oil-seal ring	2	
17	(16)	•Retainer ring	1	
18	1009803827	•Retainer ring	1	
19	(17)	•Retainer ring	1	
20	1009803826	•Dust cap	1	
21	(18)	•Blanking plug	1	
22	1009803831	•Internal friction lining	5	
23	1039804776	•External friction lining	6	
24	(19)	•Spline housing	1	
25	1009803829	•Spring	1	
26	1039804385	•Spring	16	
27	(20)	•Pressure plate	1	
28	1009803830	•Washer	1	
29	(21)	•Washer	6	
30	(22)	•Screw	6	
31	1009803814	•Dust cap	1	
49	(39)	•Primary planet carrier assy.	1	
50	(40)	•Secondary planet carrier assy.	1	
51	(41)	•Third planet carrier assy.	1	

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TRAVELING REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030200733_100014Y



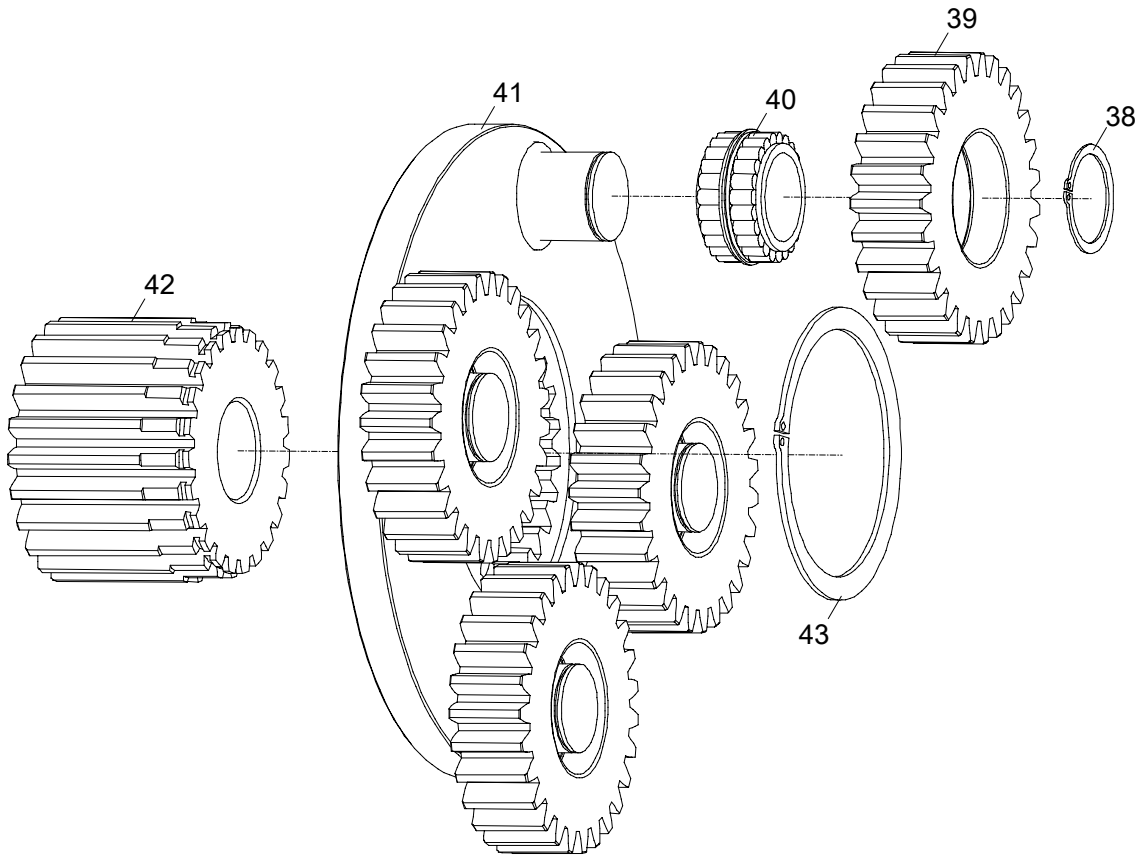
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TRAVELING REDUCER(PRIMARY PLANET CARRIER ASSY.) D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
32	(23)	•Retainer ring	3	
33	(24)	•Primary planet gear	3	
34	(25)	•Bearing	3	
35	(26)	•Primary planet carrier	1	
36	(27)	•Secondary sun gear	1	
37	(28)	•Retainer ring	1	

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TRAVELING REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030200733_100014Y



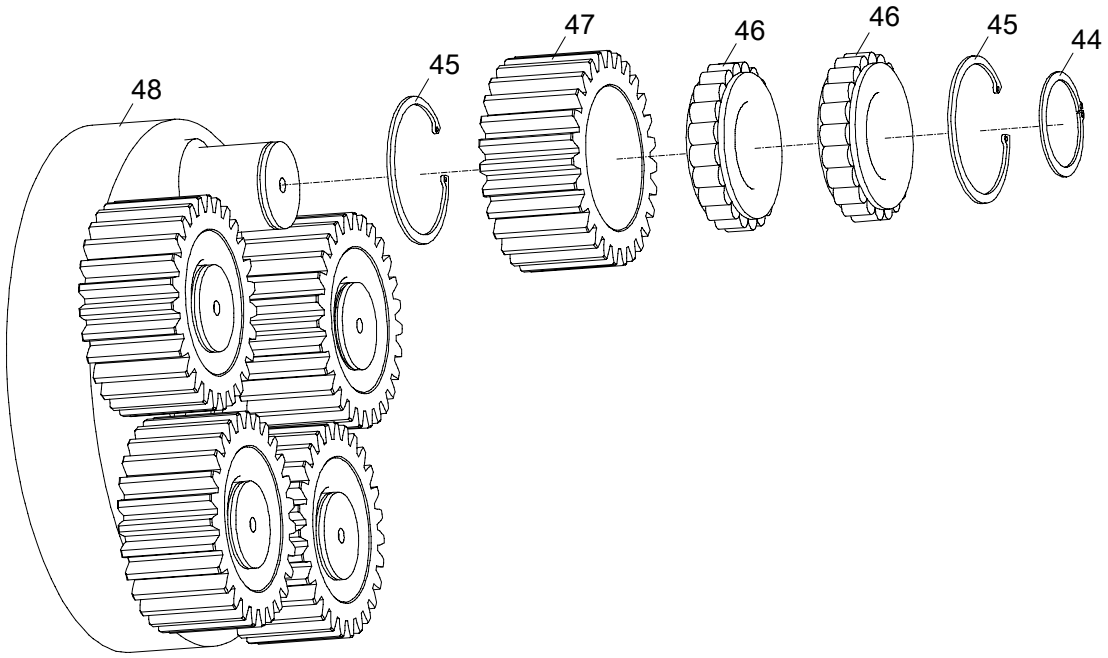
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TRAVELING REDUCER(SECONDARY PLANET CARRIER ASSY.) D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
38	(29)	•Retainer ring	1	
39	(30)	•Secondary planet gear	4	
40	1009803817	•Bearing	4	
41	(31)	•Secondary planet carrier	1	
42	(32)	•Third sun gear	1	
43	(33)	•Retainer ring	1	

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TRAVELING REDUCER(THIRD PLANET CARRIER ASSY.)
D1030200733_100014Y



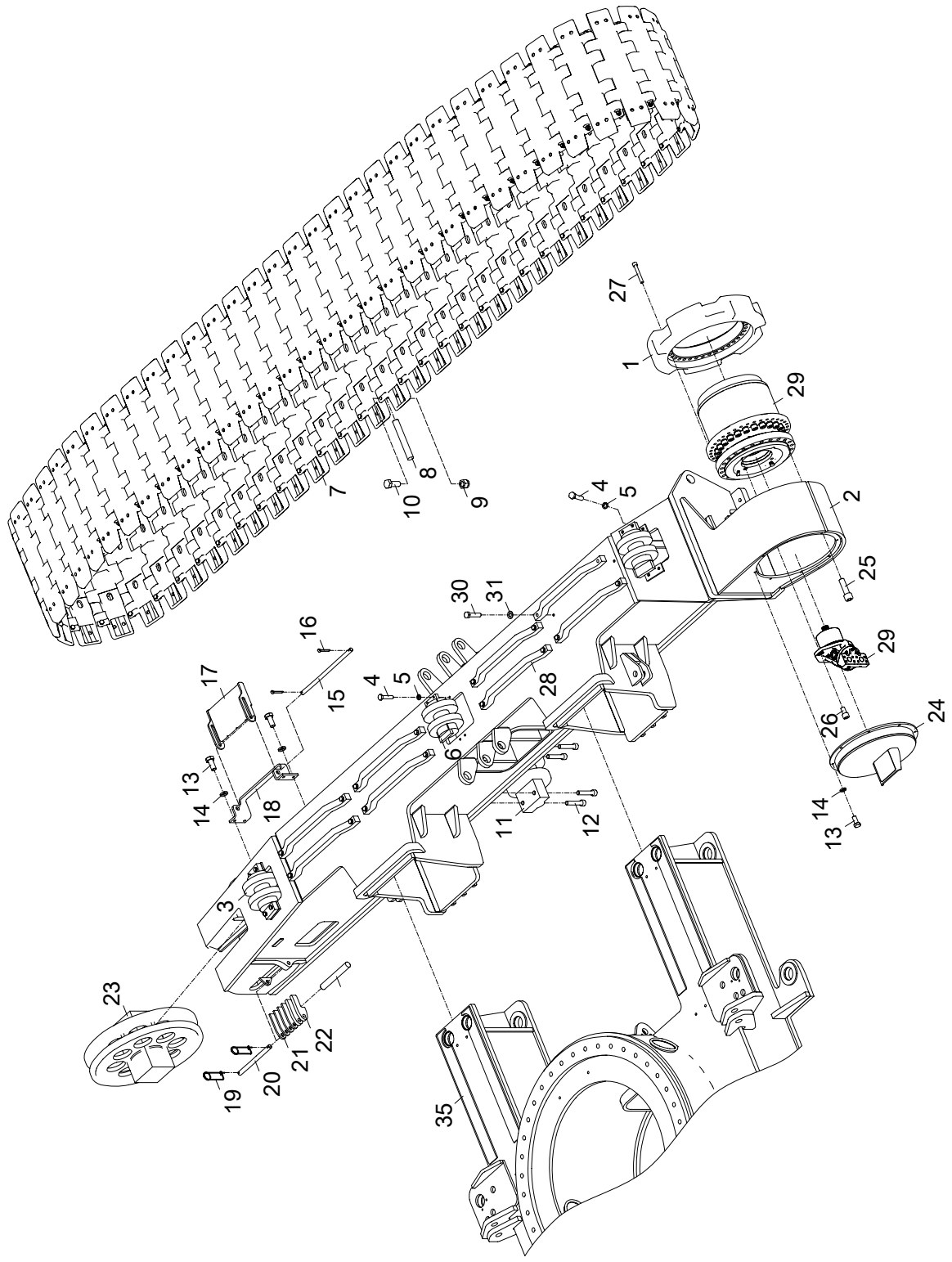
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TRAVELING REDUCER(THIRD PLANET CARRIER ASSY.) D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
44	(34)	•Retainer ring	5	
45	(35)	•Retainer ring	10	
46	(36)	•Bearing	10	
47	(37)	•Third planet gear	5	
48	(38)	•Third planet carrier	1	

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RIGHT CRAWLER CARRIER ASSY.
D00663112500000000Y



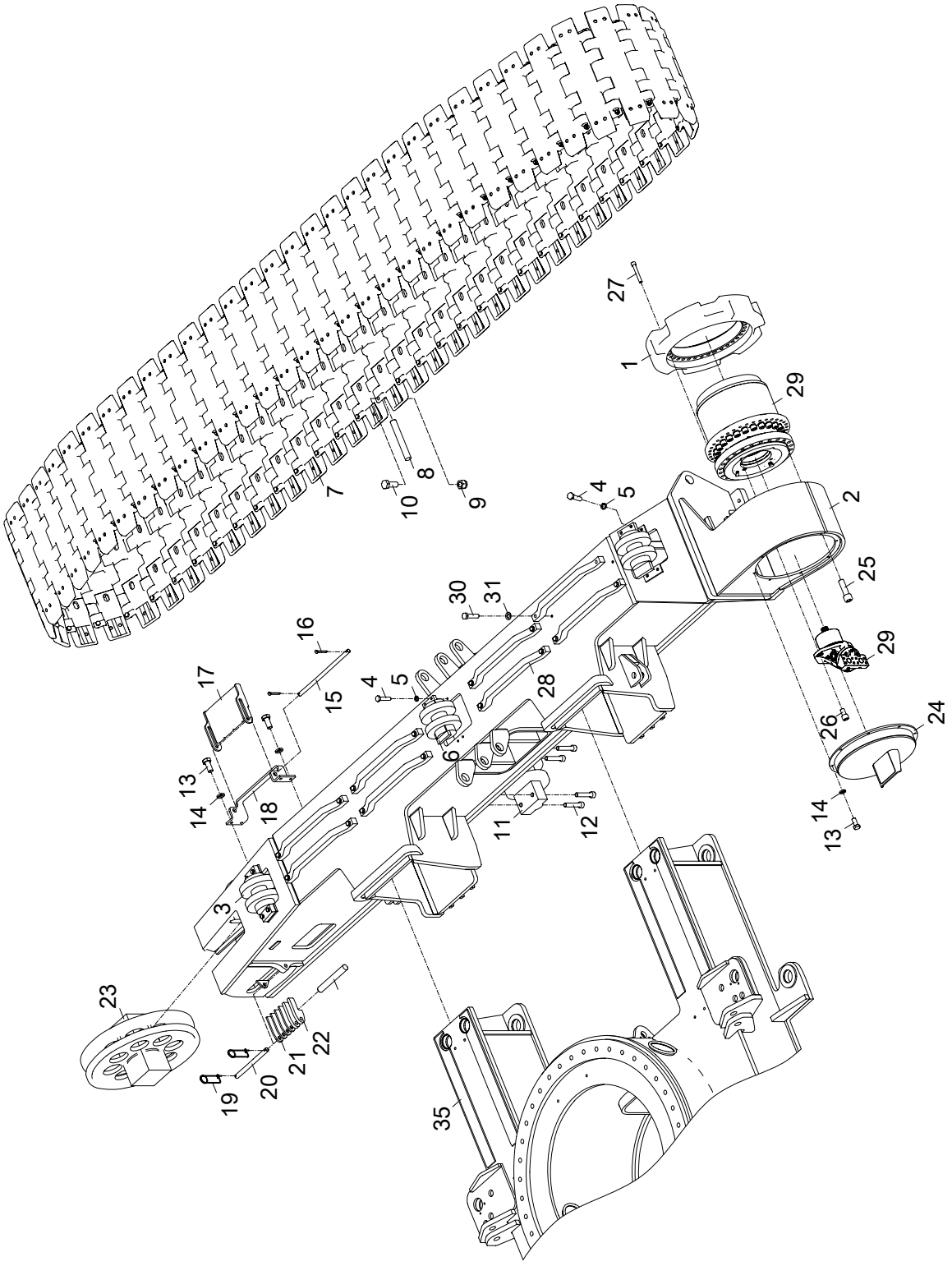
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RIGHT CRAWLER CARRIER ASSY.
D00663112500000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663112500000000	Right crawler carrier assy.		
1	1031400070	•Drive sprocket	1	
2	00663112500600000	•Right crawler carrier assy.	1	
3	1031400005	•Track carrier roller assy.	2	
4	1040000250	•Bolt	12	
5	1040300068	•Washer	12	
6	1031400012	•Track carrier roller	1	
7	1031400086	•Track pad	63	
8	00663022400001030	•Pin	128	
9	1040200161	•Nut	126	
10	1040000082	•Bolt	128	
11	1031400039	•Track roller	12	
12	1040100303	•Screw	48	
13	1040000069	•Bolt	12	
14	1040300054	•Washer	12	
15	00663104700601020	•Shaft	1	
16	1040500077	•Pin	2	
17	00663002400800001	•Step support	1	
18	00663002400001191	•Step seat	1	
19	00663605400201020	•Retaining pin	4	
20	00663302400001131	•Pin spindle	2	
21	00663022400001020	•Pad	9	
22	00663022400001010	•Pad	14	
23	1031400046	•Driven sprocket assy.	1	
24	00663112400800000	•Cover	1	
25	1040100266	•Screw	24	
26	1040100299	•Screw	2	
27	1040100687	•Screw	36	
28	00663062400001010	•Track carrier plate	8	
29	00660512400600000	•Traveling reducer + motor	1	
30	1040000023	•Bolt	16	
31	1040300052	•Washer	16	
32	202230025	•1277 Thread sealant	0.001kg	E
33	1990300019	•Rubber seal	650	E
34	204050019	•Industrial closed gear oil	9L	E

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RIGHT CRAWLER CARRIER ASSY.
D00663112500000000Y



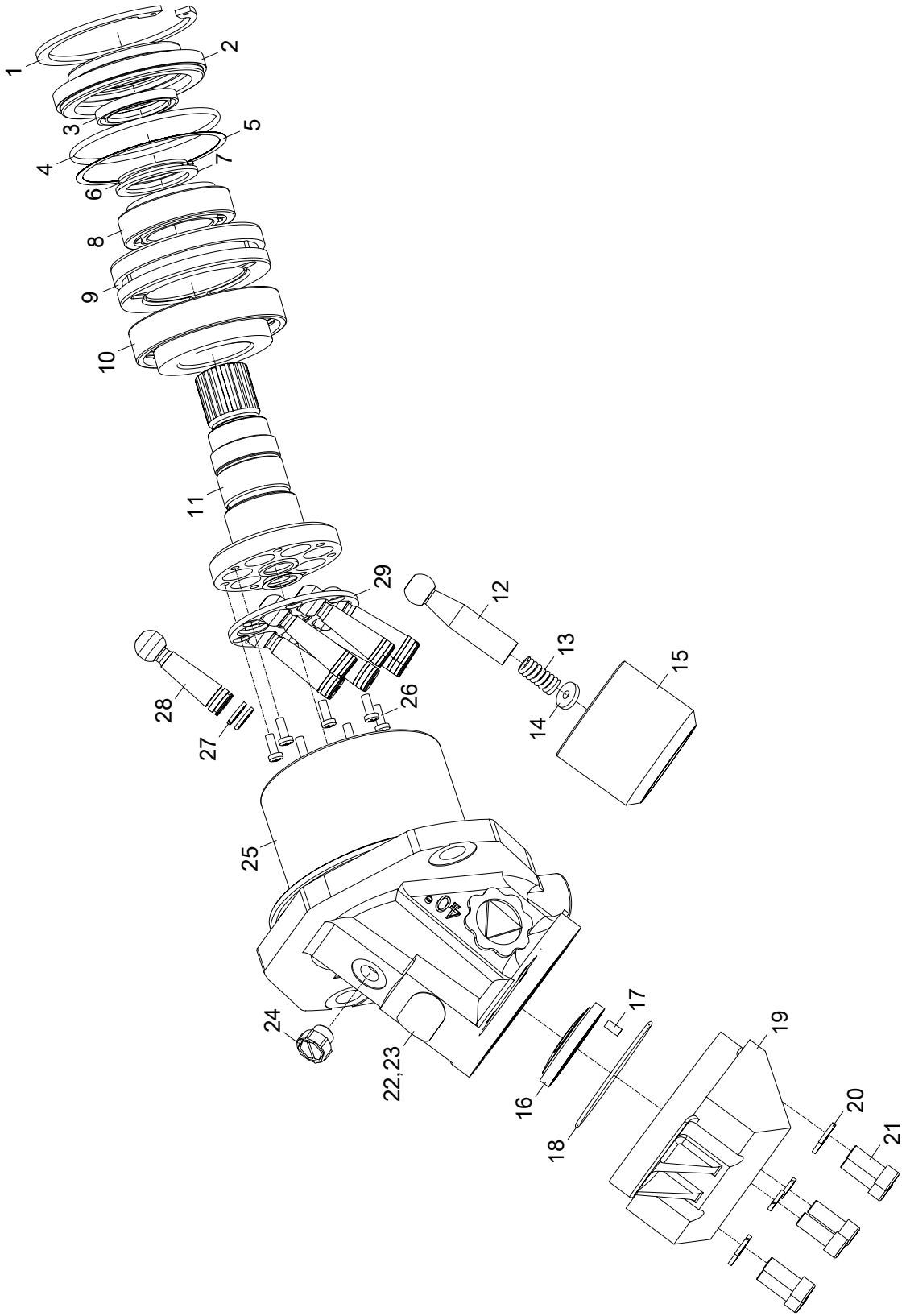
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RIGHT CRAWLER CARRIER ASSY.
D00663112500000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	00663112800200000	Undercarriage central section welded	1	

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TRAVELING MOTOR
D1030200742_100033Y



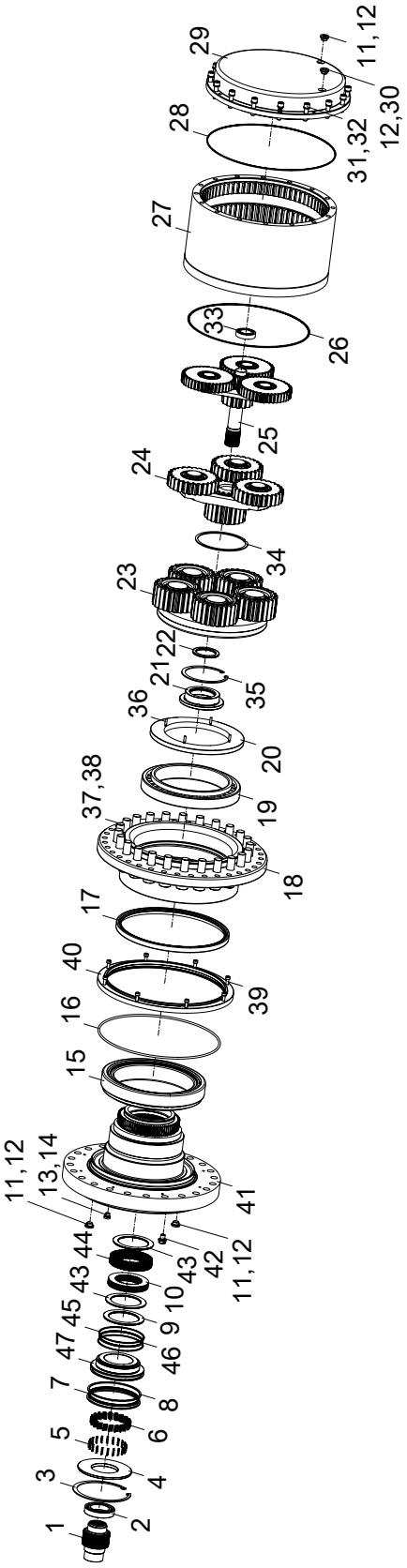
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TRAVELING MOTOR
D1030200742_100033Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200742	Traveling motor		
1	(1)	•Retainer ring for hole	1	
2	(2)	•Shaft seal cap	1	
3	(3)	•Skeleton oil seal	1	
4	(4)	•O-ring	1	
5	(5)	•Adjusting shim	2	
6	(6)	•Retainer ring for shaft	1	
7	(7)	•Shim	1	
8	(8)	•Conical roller bearing	1	
9	(9)	•Bearing seat	1	
10	(10)	•Conical roller bearing	1	
11	(11)	•Main shaft Z	1	
12	(12)	•Core spindle	1	
13	(13)	•Spring	1	
14	(14)	•Washer	1	
15	(15)	•Cylinder block	1	
16	(16)	•Orifice plate	1	
17	(17)	•Pin	1	
18	(18)	•O-ring	1	
19	(19)	•Rear cover	1	
20	(20)	•Spring washer	6	
21	(21)	•Screw	6	
22	(22)	•Nameplate	1	
23	(23)	•Nail for nameplate	2	
24	(24)	•Nut cover	1	
25	(25)	•Housing	1	
26	(26)	•Screw	7	
27	(27)	•Plunger ring	14	
28	(28)	•Plunger	7	
29	(29)	•Pressure plate	1	

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TRAVELING REDUCER
D1030200733_100013Y



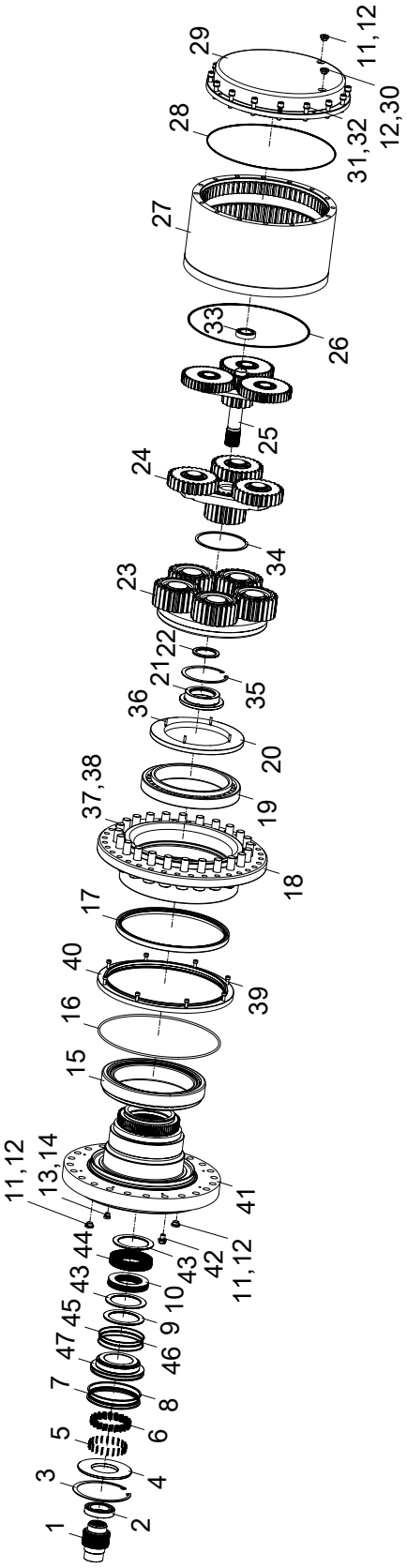
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TRAVELING REDUCER
D1030200733_100013Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
1	1009803766	•Connecting shaft	1	
2	1009803789	•Bearing	1	
3	1009803780	•Retainer ring for hole	1	
4	1009803775	•Spring bearer plate	1	
5	1039800904	•Spring	18	
6	1039800903	•Spring	18	
7	1009803795	•X-ring	1	
8	1009803782	•Nylon retainer ring	2	
9	1009803769	•Adjusting washer	1	
10	1009803794	•Moving plate	6	
11	1039800898	•Hexagon socket plug	3	
12	1039800651	•Seal ring	4	
13	1009803792	•Hexagon socket plug	1	
14	1009803783	•Sealing ring	1	
15	1009803791	•Conical roller bearing	1	
16	1009803787	•O-ring	1	
17	1009803784	•Oil seal	1	
18	1009803767	•Bearing seat	1	
19	1009803790	•Conical roller bearing	1	
20	1009803774	•Locking nut	1	
21	1009803771	•Positioning sleeve	1	
22	1009803770	•Primary central gear ring washer	1	
23	(1)	•Primary reduction gear assy.	1	
24	(2)	•Secondary reduction gear assy.	1	
25	(3)	•Third reduction gear assy.	1	
26	1009803786	•O-ring	1	
27	1039803252	•Gear ring	1	
28	1009803785	•O-ring	1	
29	1039805812	•Rear cover	1	
30	1039800661	•Plug	1	
31	1009803776	•Hexagon socket screw	16	
32	1039801682	•Elastic washer	16	
33	1009803788	•Bearing	1	
34	1009803779	•Retainer ring for shaft	1	

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TRAVELING REDUCER
D1030200733_100013Y



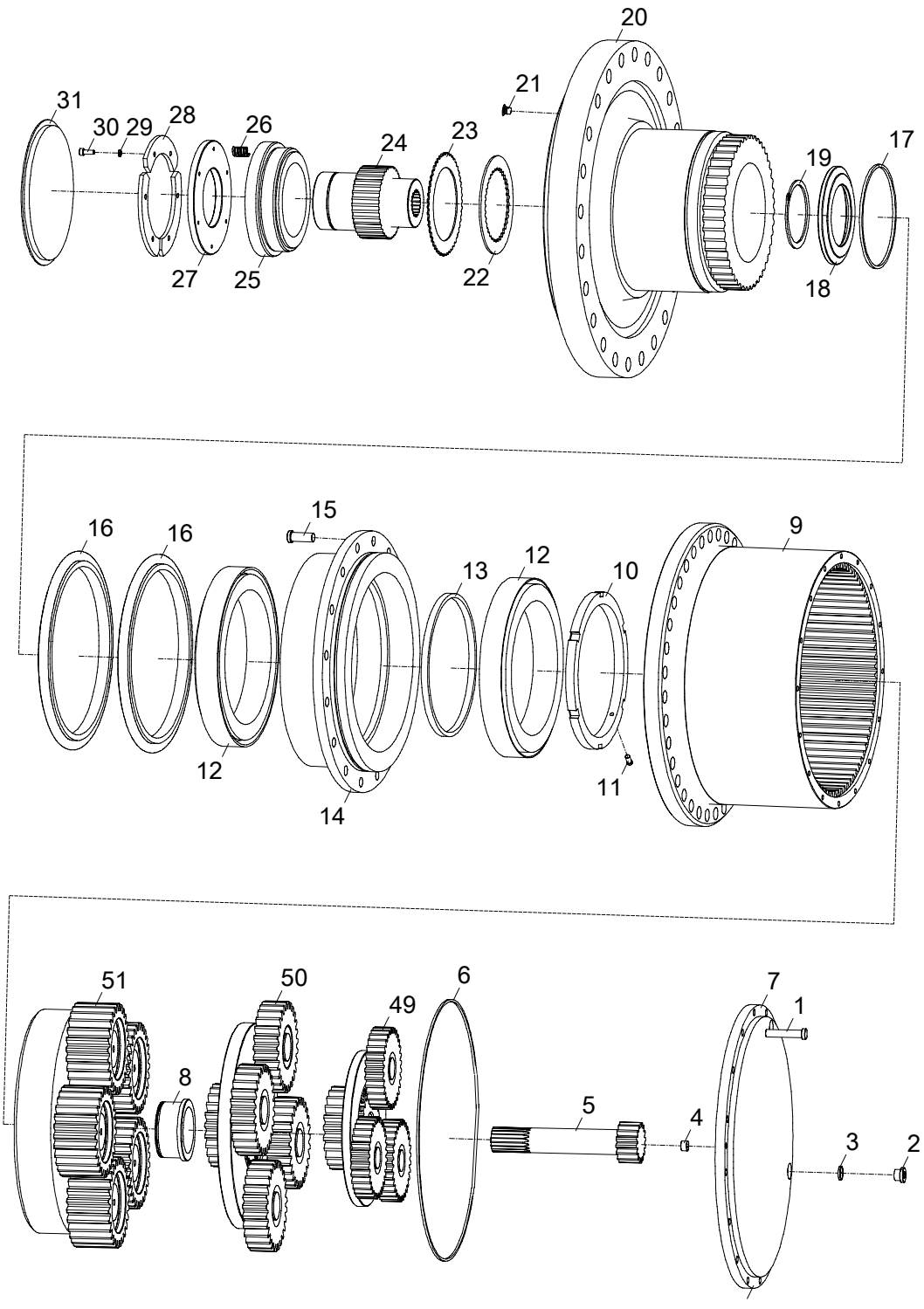
https://truckmanualshub.com/

TRAVELING REDUCER
D1030200733_100013Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1009803781	•Retainer ring for hole	1	
36	1009803755	•Positioning pin	4	
37	1009803777	•Hexagon socket screw	24	
38	1009803778	•Elastic washer	24	
39	1039801860	•Hexagon socket screw	8	
40	1009803798	•Dust cap of oil seal	2	
41	1009803772	•Large flange	1	
42	1039800900	•Ventilation plug	1	
43	1009803768	•Limit washer	1	
44	1009803793	•Fixing plate	7	
45	1039801871	•Nylon retainer ring	2	
46	1039800667	•X-ring	1	
47	1009803765	•Piston	1	

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TRAVELING REDUCER
D1030200733_100014Y



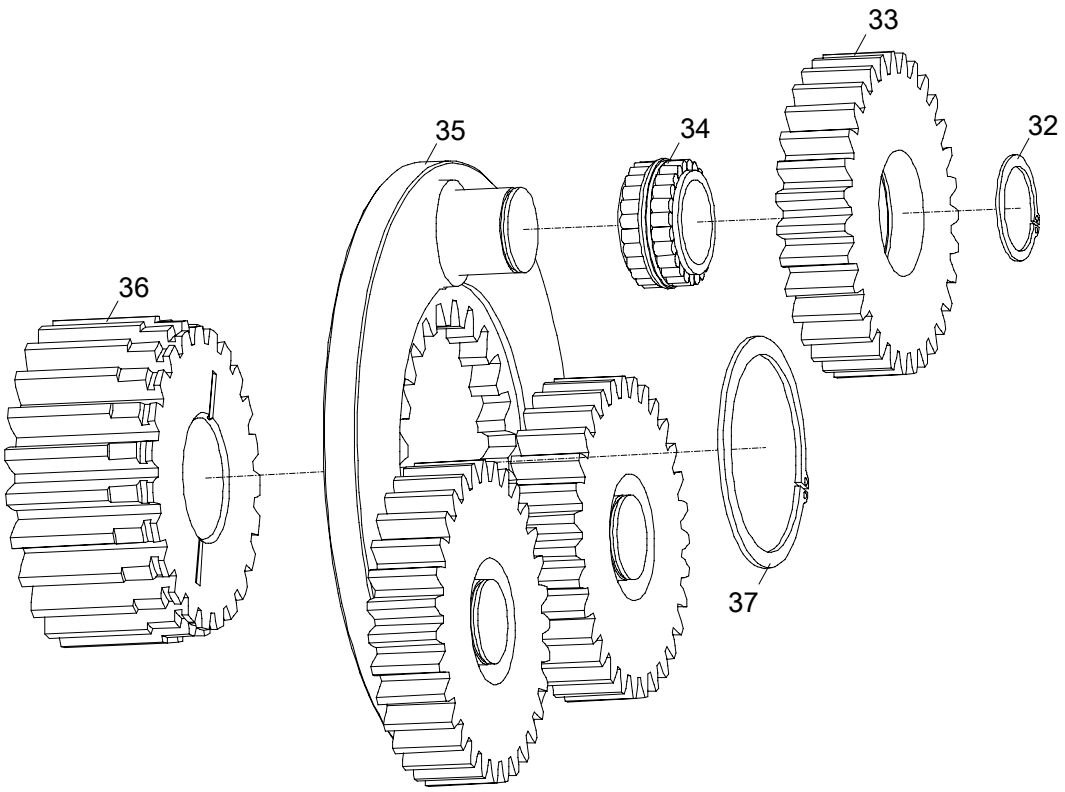
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TRAVELING REDUCER
D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
1	(1)	•Screw	16	
2	(2)	•Plug	2	
3	(3)	•Combination pad	2	
4	(4)	•Top post	1	
5	(5)	•Sun gear shaft	1	
6	(6)	•O-ring	1	
7	(7)	•Primary gear ring	1	
8	(8)	•Retainer ring	1	
9	(9)	•Large gear ring	1	
10	1009803828	•Screw	1	
11	(10)	•Screw	1	
12	(11)	•Bearing	2	
13	(12)	•Washer	1	
14	(13)	•Bearing seat	1	
15	(14)	•Bolt	16	
16	(15)	•Flow oil-seal ring	2	
17	(16)	•Retainer ring	1	
18	1009803827	•Retainer ring	1	
19	(17)	•Retainer ring	1	
20	1009803826	•Dust cap	1	
21	(18)	•Blanking plug	1	
22	1009803831	•Internal friction lining	5	
23	1039804776	•External friction lining	6	
24	(19)	•Spline housing	1	
25	1009803829	•Spring	1	
26	1039804385	•Spring	16	
27	(20)	•Pressure plate	1	
28	1009803830	•Washer	1	
29	(21)	•Washer	6	
30	(22)	•Screw	6	
31	1009803814	•Dust cap	1	
49	(39)	•Primary planet carrier assy.	1	
50	(40)	•Secondary planet carrier assy.	1	
51	(41)	•Third planet carrier assy.	1	

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TRAVELING REDUCER(PRIMARY PLANET CARRIER ASSY.)
D1030200733_100014Y



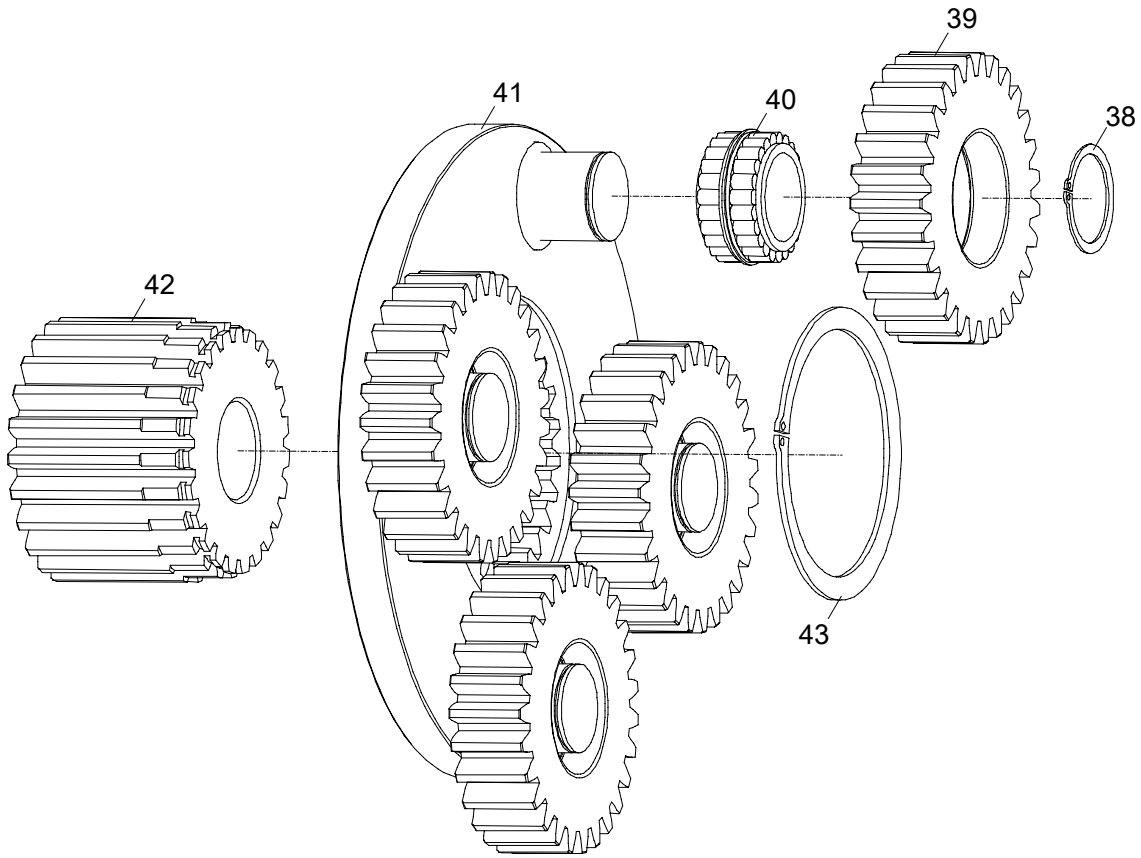
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TRAVELING REDUCER(PRIMARY PLANET CARRIER ASSY.) D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
32	(23)	•Retainer ring	3	
33	(24)	•Primary planet gear	3	
34	(25)	•Bearing	3	
35	(26)	•Primary planet carrier	1	
36	(27)	•Secondary sun gear	1	
37	(28)	•Retainer ring	1	

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TRAVELING REDUCER(SECONDARY PLANET CARRIER ASSY.)
D1030200733_100014Y



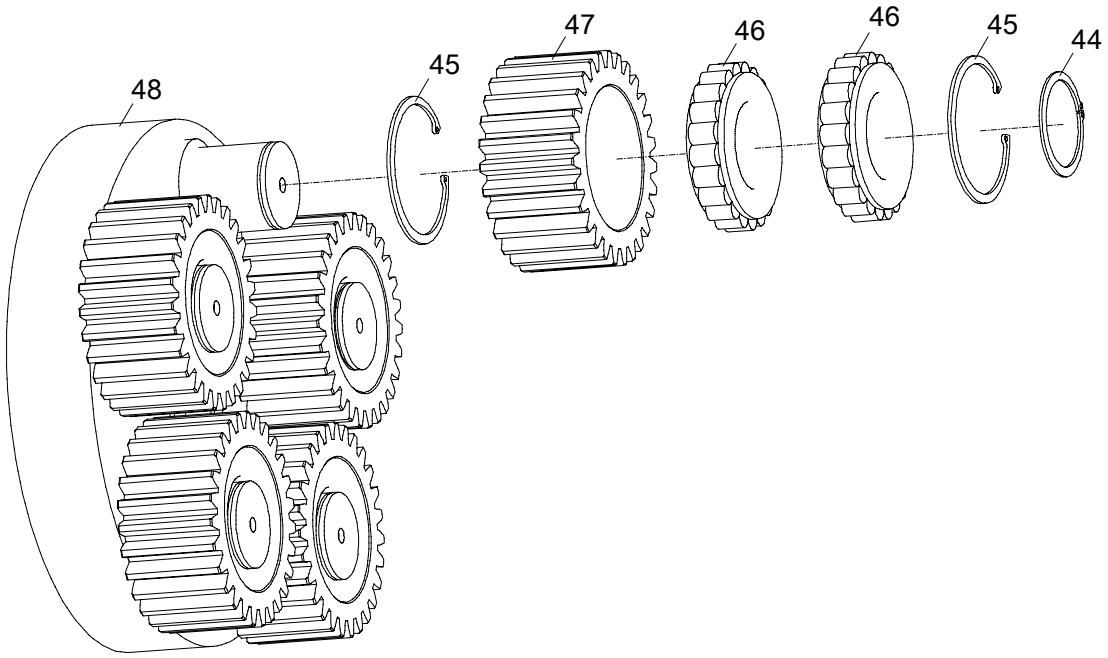
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TRAVELING REDUCER(SECONDARY PLANET CARRIER ASSY.) D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
38	(29)	•Retainer ring	1	
39	(30)	•Secondary planet gear	4	
40	1009803817	•Bearing	4	
41	(31)	•Secondary planet carrier	1	
42	(32)	•Third sun gear	1	
43	(33)	•Retainer ring	1	

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TRAVELING REDUCER(THIRD PLANET CARRIER ASSY.)
D1030200733_100014Y



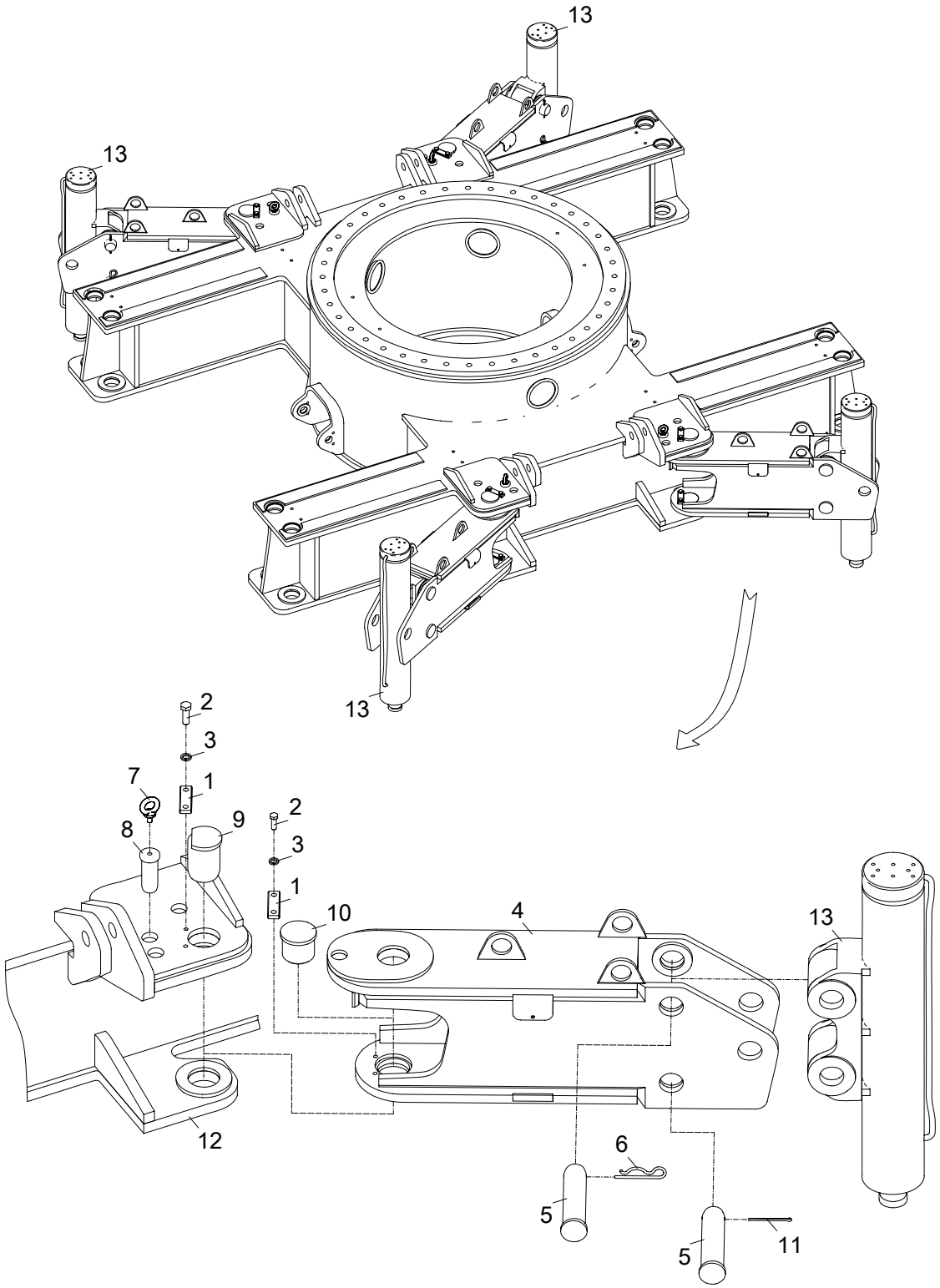
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TRAVELING REDUCER(THIRD PLANET CARRIER ASSY.) D1030200733_100014Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1030200733	Traveling reducer		
44	(34)	•Retainer ring	5	
45	(35)	•Retainer ring	10	
46	(36)	•Bearing	10	
47	(37)	•Third planet gear	5	
48	(38)	•Third planet carrier	1	

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FOLDING BRACKET INSTALLATION
D00663115800000000Y



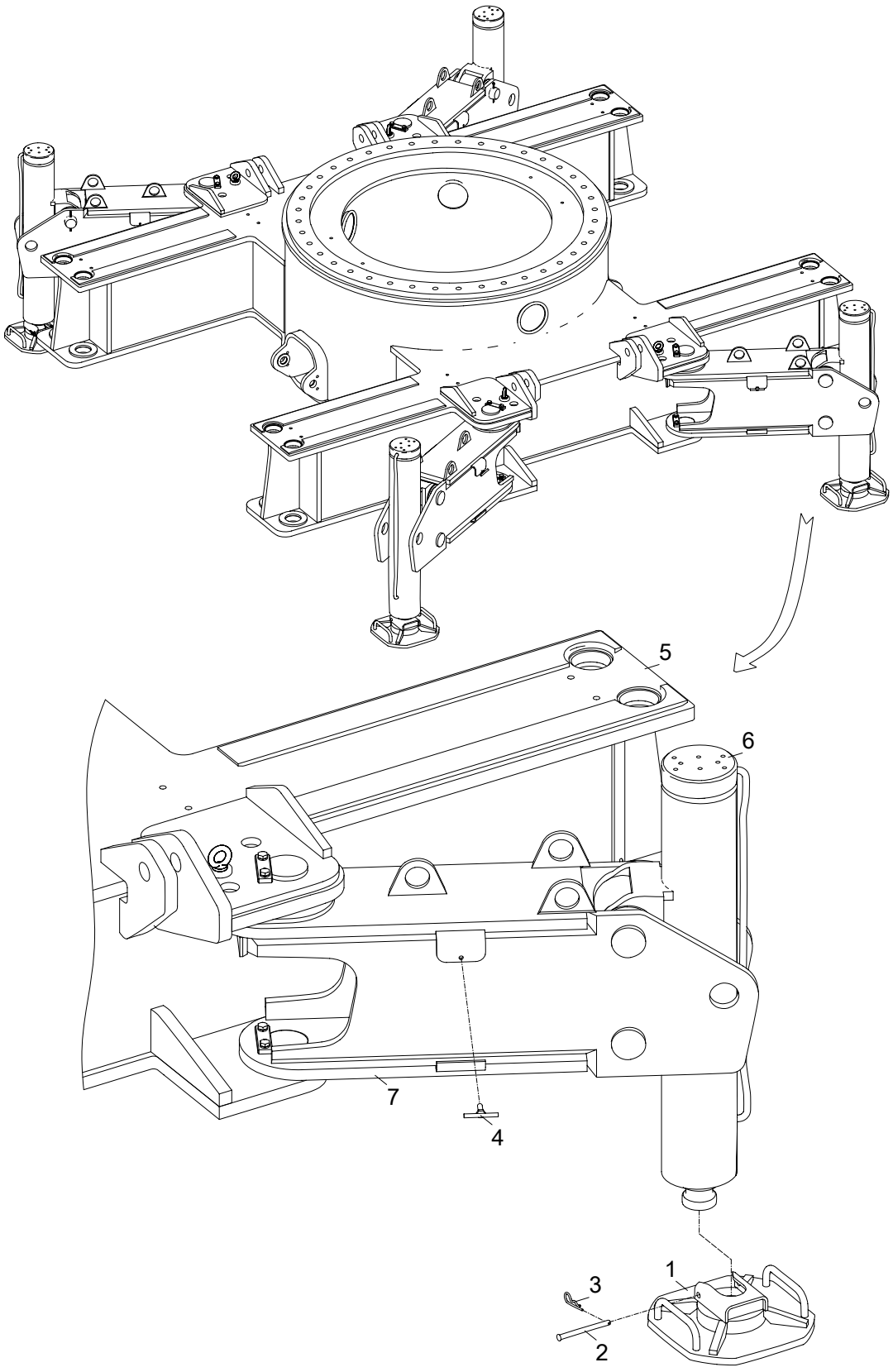
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FOLDING BRACKET INSTALLATION
D00663115800000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663115800000000	Folding bracket installation		
1	00663112800801040	•Plate	8	
2	1040000094	•Bolt	16	
3	1040300054	•Washer	16	
4	00663115800200000	•Folding bracket welded	4	
5	00663115800001010	•Pin spindle	8	
6	006340000006	•Retaining spring (D50, 55)	4	
7	1040100182	•Screw	4	
8	00663115800001040	•Pin spindle	4	
9	00663115800001020	•Pin spindle	4	
10	00663115800001030	•Pin spindle	4	
11	1040500134	•Pin	4	
12	00663112800200000	Undercarriage central section welded	1	
13	00663118400700000	Support cylinder	4	

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SUPPORT PLATE INSTALLATION
D00663110800000000Y



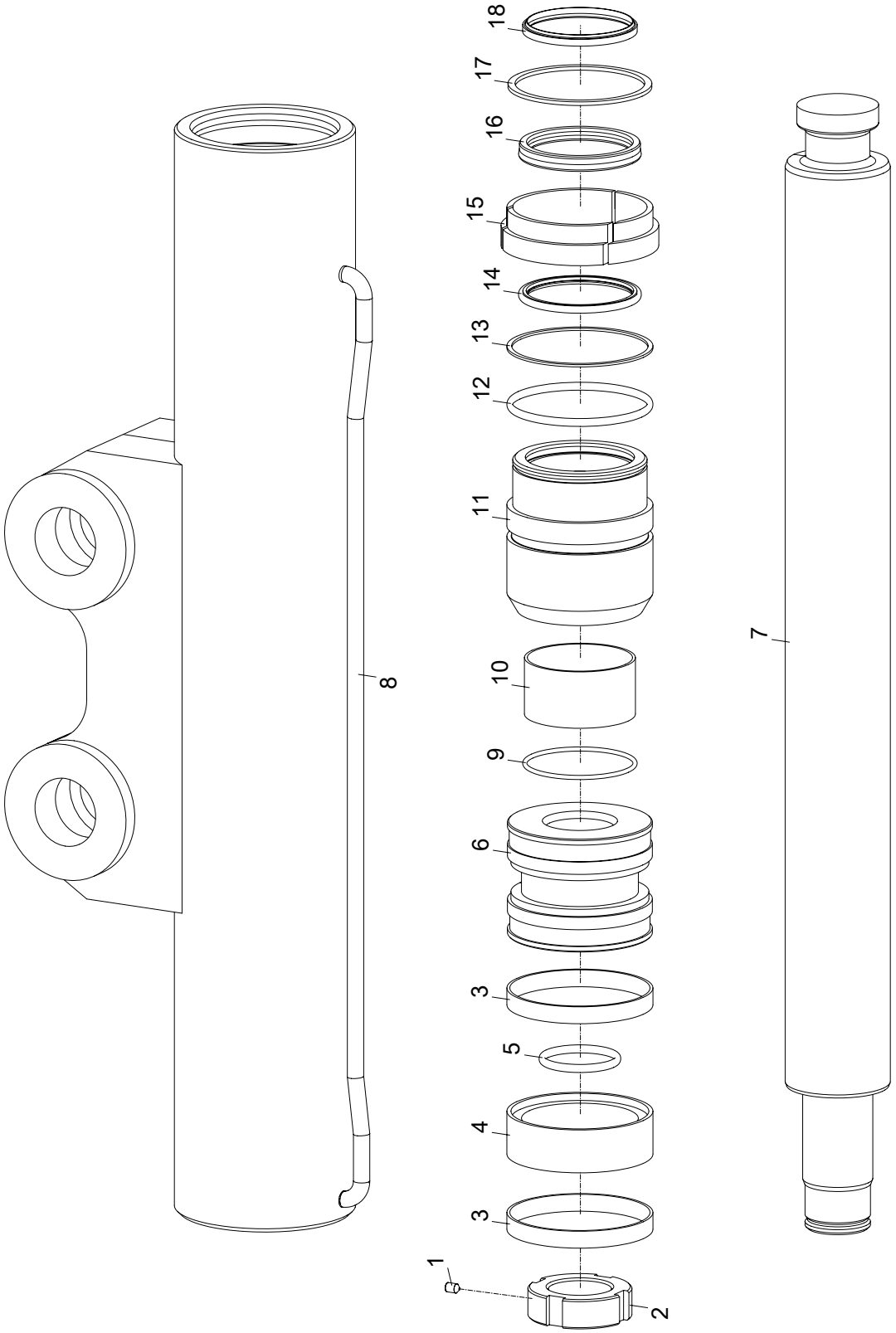
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SUPPORT PLATE INSTALLATION
D00663110800000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663110800000000	Support plate installation		
1	00663110800200000	•Support plate	4	
2	1040500539	•Pin	4	
3	006340000035	•Spring-loaded pin	4	
4	00663110800400000	•Fastening bolt	4	
5	00663112800200000	Undercarriage central section welded	1	
6	00663118400700000	Support cylinder	4	
7	00663115800000000	Folding bracket installation	1	

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SUPPORT CYLINDER
D00663118400700000_6400Y



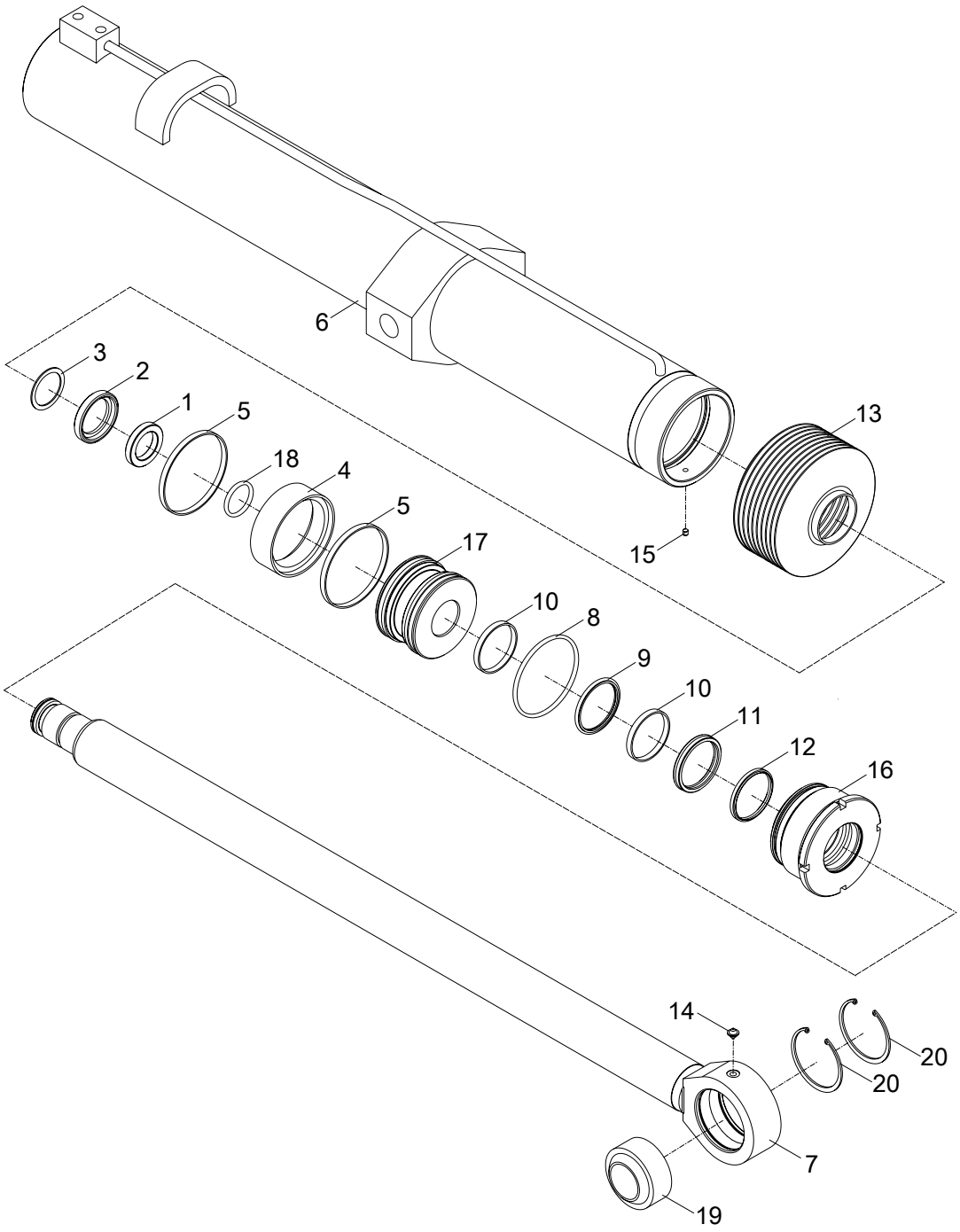
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SUPPORT CYLINDER
D00663118400700000_6400Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663118400700000	Support cylinder		
1	1040100482	•Screw	1	
2	00630938430700003	•Nut	1	
3	1081400759	•Guide ring	2	
4	1081000511	•ZW combination washer, piston	1	
5	1081200462	•O-ring	1	
6	00630938430700001	•Piston	1	
7	00663118400702000	•Piston rod	1	
8	00663118400701000	•Cylinder block	1	
9	1040300242	•Retaining ring	1	
10	1054400047	•Bushing	1	
11	00663118400700002	•Guide bush	1	
12	1081000659	•O-ring	1	
13	1040301072	•Retainer ring	1	
14	1089900012	•OD-type piston rod seal	1	
15	00630708430700006	•Snap ring	1	
16	1081000698	•B3-type piston rod seal	1	
17	1040301254	•Circlip for shaft	1	
18	1081200369	•Dust ring	1	

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CRAWLER CARRIER EXTENDING & RETRACTING CYLINDER D00663118401600000_6400Y



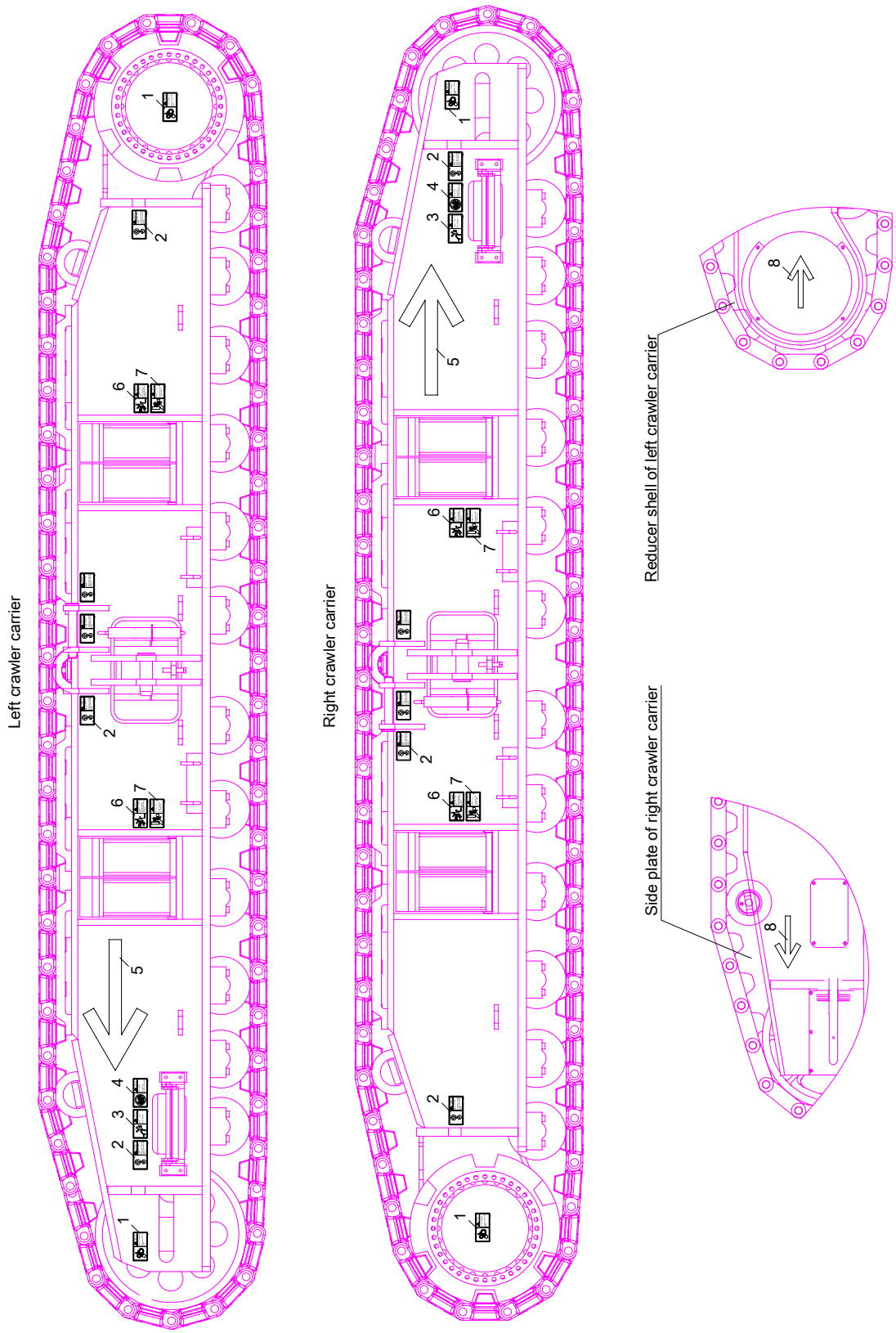
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CRAWLER CARRIER EXTENDING & RETRACTING CYLINDER D00663118401600000_6400Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663118401600000	Crawler carrier extending & retracting cylin der		
1	00630708430700005	•Retaining ring	1	
2	00630708430700004	•Sleeve ring	1	
3	1040301270	•Circlip for shaft	1	
4	1081000219	•D-A-S combination sealing ring	1	
5	1081400155	•Supporting ring	2	
6	00663118401601000	•Cylinder block	1	
7	00663118401602000	•Piston rod	1	
8	1081000557	•O-ring	1	
9	1081002427	•Step Seal	1	
10	1081401021	•Supporting ring	2	
11	1081002291	•U-ring	1	
12	1081200020	•Dust ring	1	
13	00663118401603000	•Dust cap assy.	1	
14	1080000270	•Oil cup	1	
15	1040101569	•Screw	1	
16	00663118401600002	•Guide bush	1	
17	00663118401600001	•Piston	1	
18	1081000525	•O-ring	1	
19	1050000017	•Radial knuckle bearing	1	
20	1040301204	•Elastic retainer ring for hole	2	

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INSTALLATION OF SIGNS ON CRANE UNDERCARRIAGE
D00663117000800000Y



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INSTALLATION OF SIGNS ON CRANE UNDERCARRIAGE D00663117000800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663117000800000	Installation of signs on crane undercarriage		
1	00663117000801010	•Warning sign	4	
2	00663117000401010	•Hint sign	10	
3	00663117000601100	•Warning sign	2	
4	00663117000201050	•Warning sign	2	
5	00663607000001060	•Arrow indicator	2	
6	00663117000801020	•Danger sign	4	
7	00663117000601040	•Caution sign	4	
8	00663007000001200	•Arrow indicator	2	

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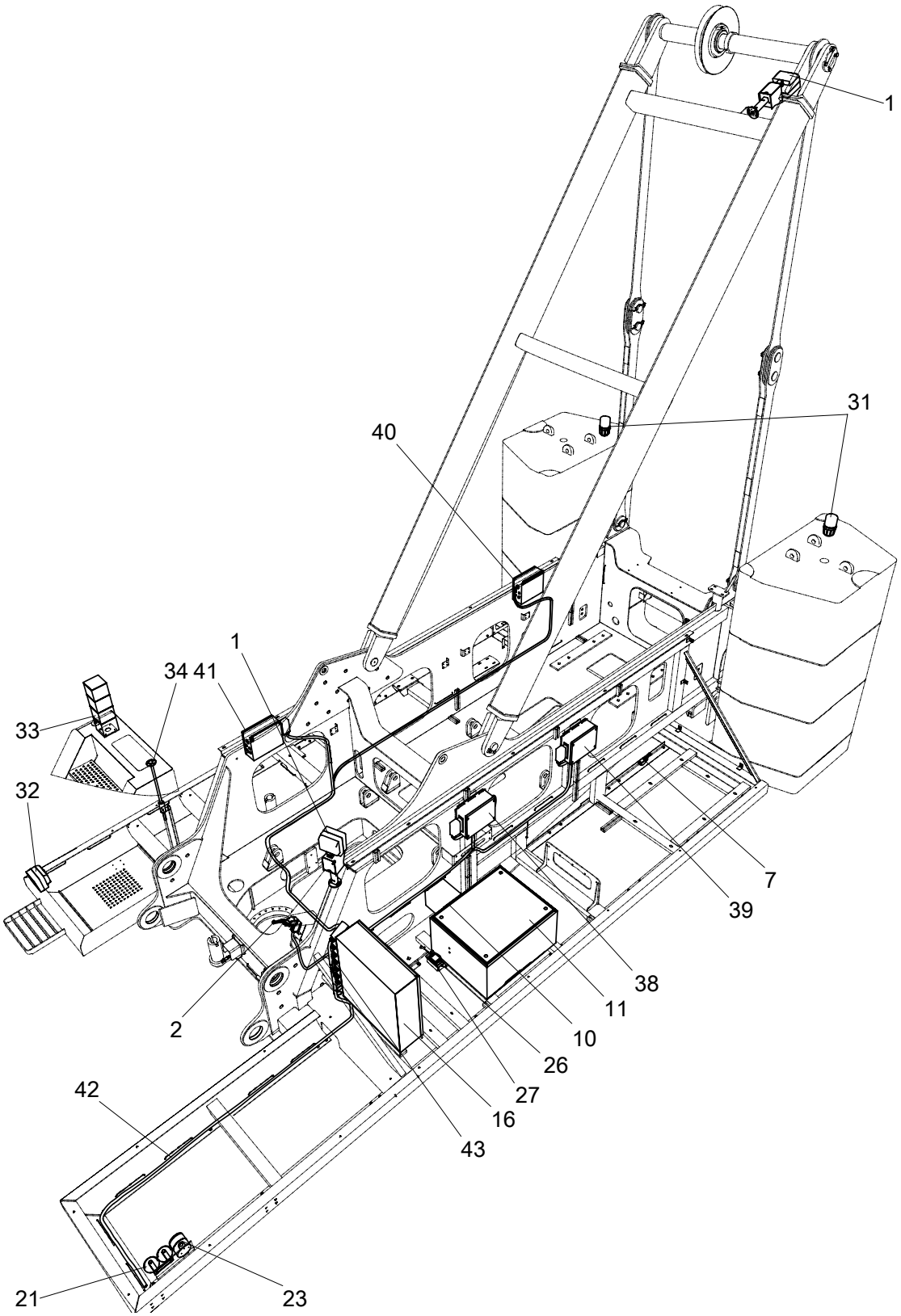
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 10 ELECTRICAL SYSTEM

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SLEWING TABLE ELECTRICS
D00663116300000000Y



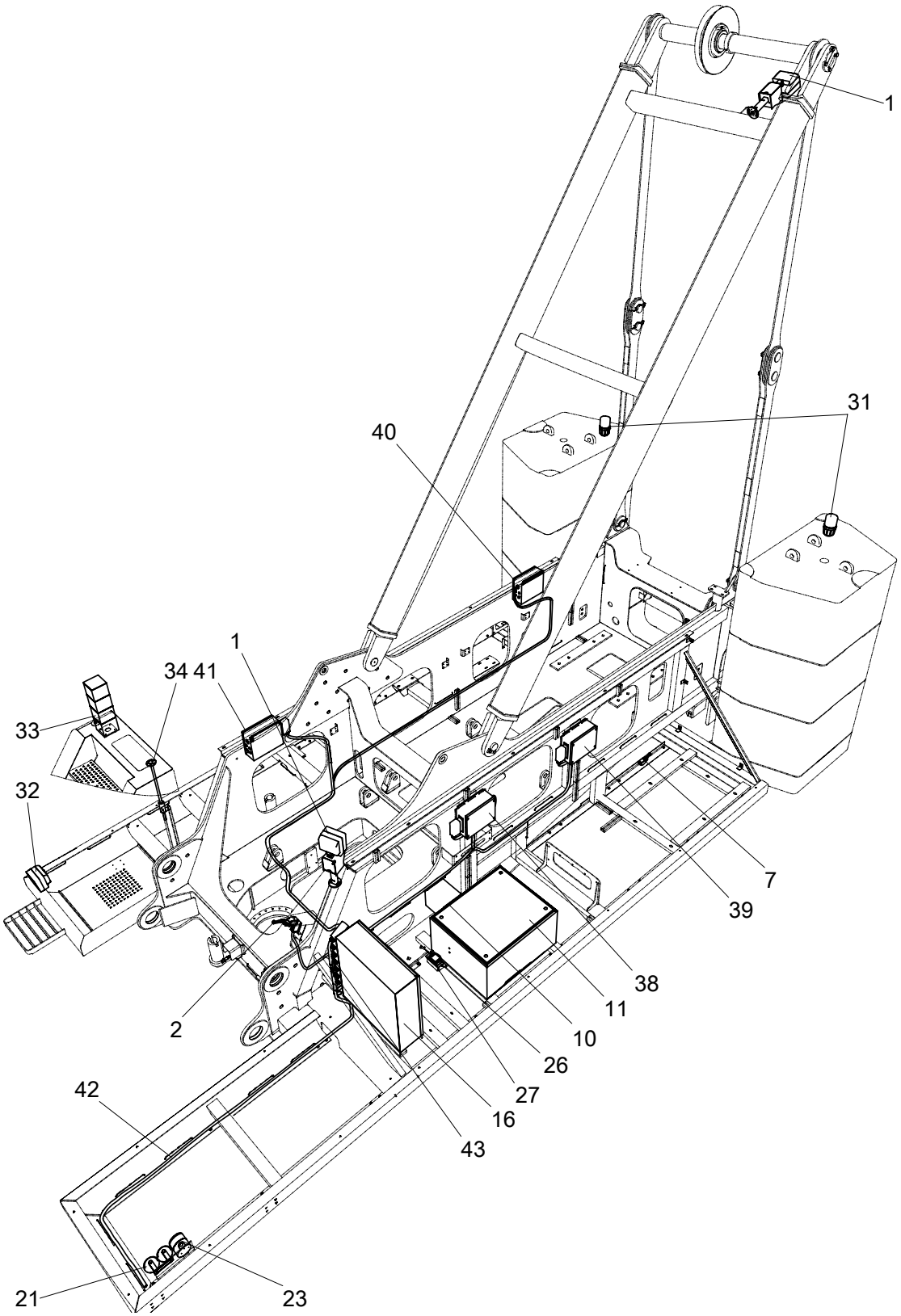
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SLEWING TABLE ELECTRICS
D00663116300000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300000000	Slewing table electrics		
1	00663006320600002	•Camera installation diagram	2	
2	1020500141	•Limit switch	1	
3	1020700231	•Terminal plug	3	
4	1040000219	•Bolt	2	
5	1040200107	•Nut	8	
6	1021402686	•Pressure sensor	6	
7	1020500089	•Limit switch	1	
8	1040000235	•Bolt	2	
9	1040200100	•Nut	5	
10	1020500654	•Battery master switch	1	
11	00663006310200000	•Battery container assy	1	
12	1020600087	•Negative pole of battery terminal	2	
13	1020600086	•Positive pole of battery terminal	2	
14	1020900004	•Lead-acid battery	2	
15	1029900085	•Main power switch	1	
16	00663116300400000	•Electrical control box assy. for slewing tab le	1	
17	1040000018	•Bolt	4	
18	1040200192	•Nut	10	
19	1040300063	•Washer	10	
20	1040300066	•Washer	10	
21	1029900063	•Basin electric horn	1	
22	1040000288	•Bolt	6	
23	1020400228	•Alarm	1	
24	1040000571	•Bolt	3	
25	1020500588	•Proximity switch	2	
26	1021400015	•Inclination sensor	1	
27	00663006320001020	•Plate	1	
28	1040200111	•Nut	10	
29	00663006320001030	•Spring	3	
30	1021400292	•Pressure sensor	2	
31	1020404075	•Acoustic alarm	2	
32	1020400057	•Acoustic alarm	2	
33	1020400086	•LED acoustic signal light	1	
34	1021400246	•Fuel level sensor	1	

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SLEWING TABLE ELECTRICS
D00663116300000000Y



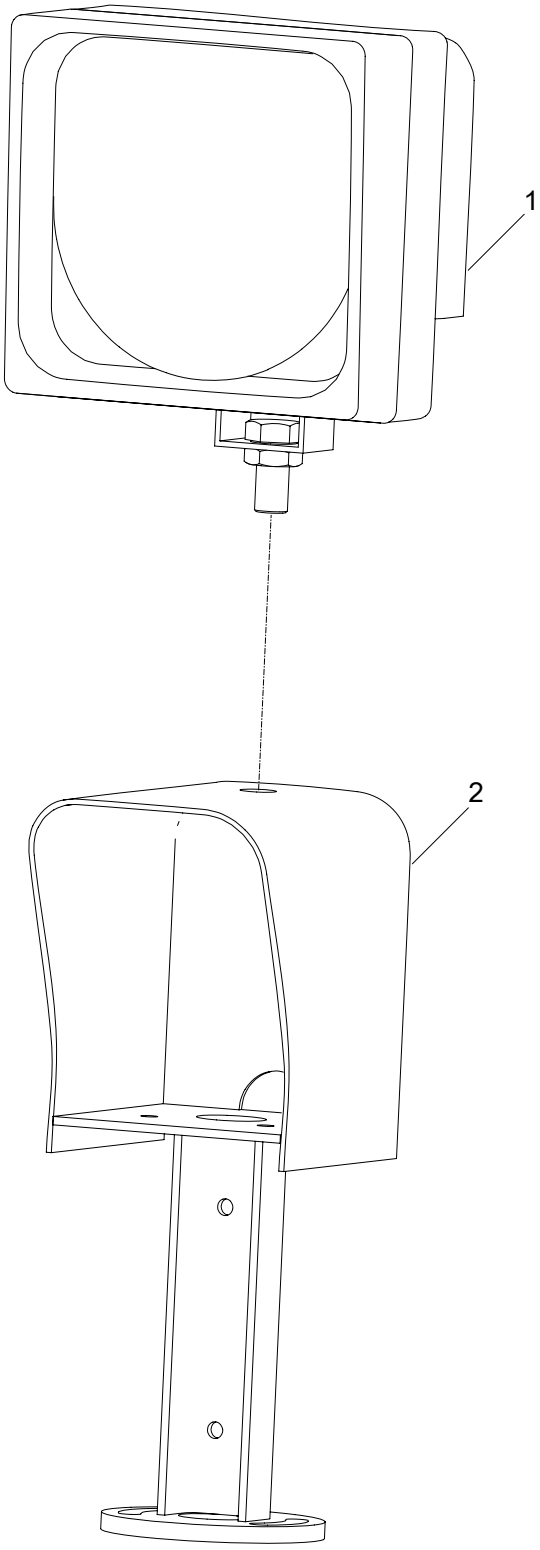
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SLEWING TABLE ELECTRICS
D00663116300000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1040100057	•Screw	5	
36	1040300048	•Washer	5	
37	00663116300600000	•Slewing table components wiring diagram	1	
38	00663116300210001	•Wire harness of junction box (1)	1	
39	00663116300220001	•Wire harness of junction box (2)	1	
40	00663116300230001	•Wire harness of junction box (3)	1	
41	00663116300240001	•Wire harness of junction box (4)	1	
42	00663116300250001	•Wire harness of operator's cab on slewing table	1	
43	00663116300260001	•Transition cable of slewing table	1	
44	00663116300270000	•Connecting wire assy of battery	1	
45	00663116300280001	•Auxiliary control box assy	1	
46	00663406330300000	•ECM attachments	1	

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CAMERA INSTALLATION DIAGRAM
D00663006320600002Y



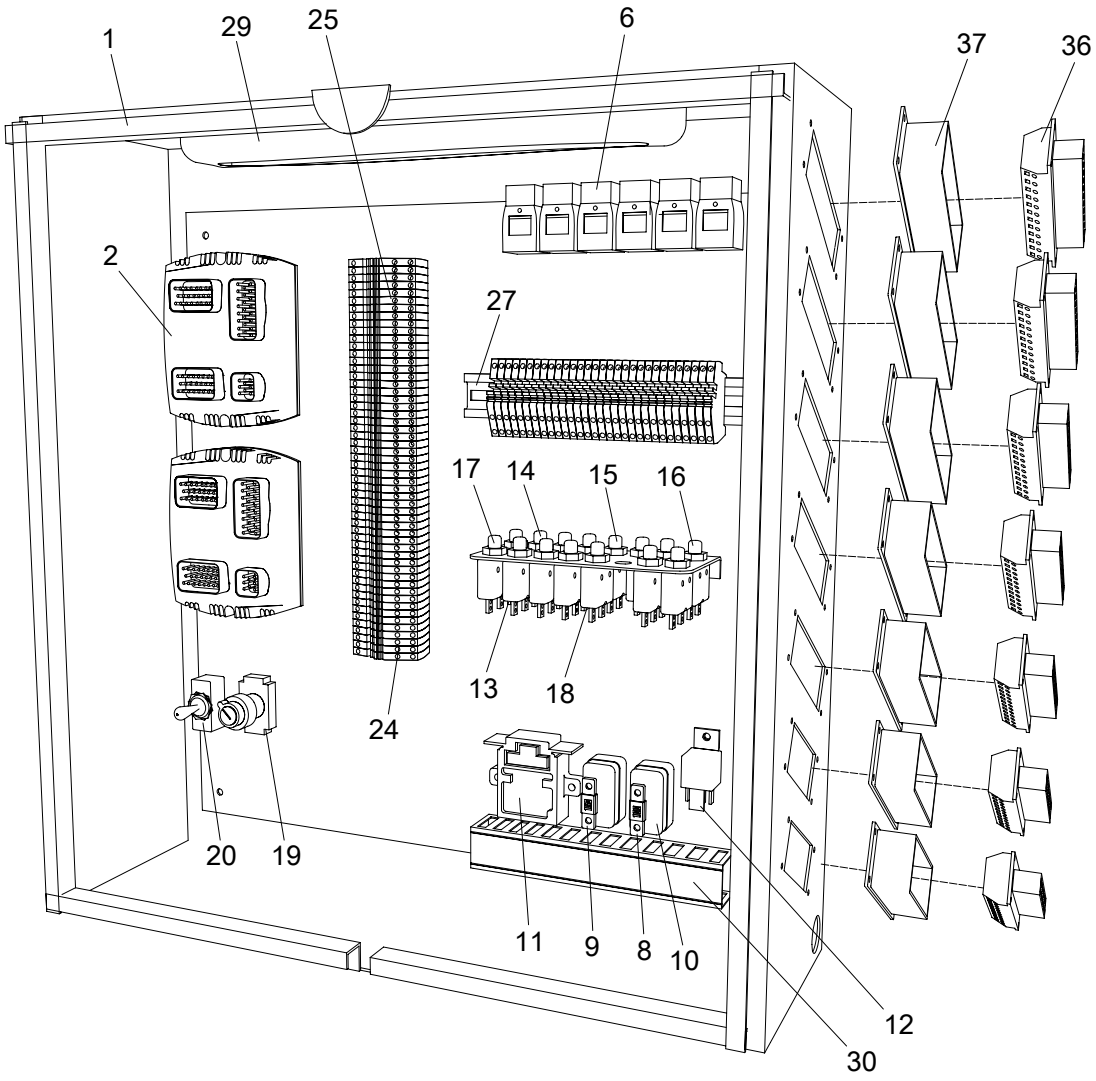
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CAMERA INSTALLATION DIAGRAM
D00663006320600002Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663006320600002	Camera installation diagram		
1	1020400057	•Acoustic alarm	1	
2	00663006320620000	•Camera support	1	
3	1040000118	•Bolt	2	E
4	1040300048	•Washer	2	E
5	1040200107	•Nut	2	E
6	1040000107	•Bolt	2	E
7	1040300051	•Washer	2	E
8	1040200111	•Nut	2	E

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ELECTRICAL CONTROL BOX ASSY FOR SLEWING TABLE D00663116300400000Y



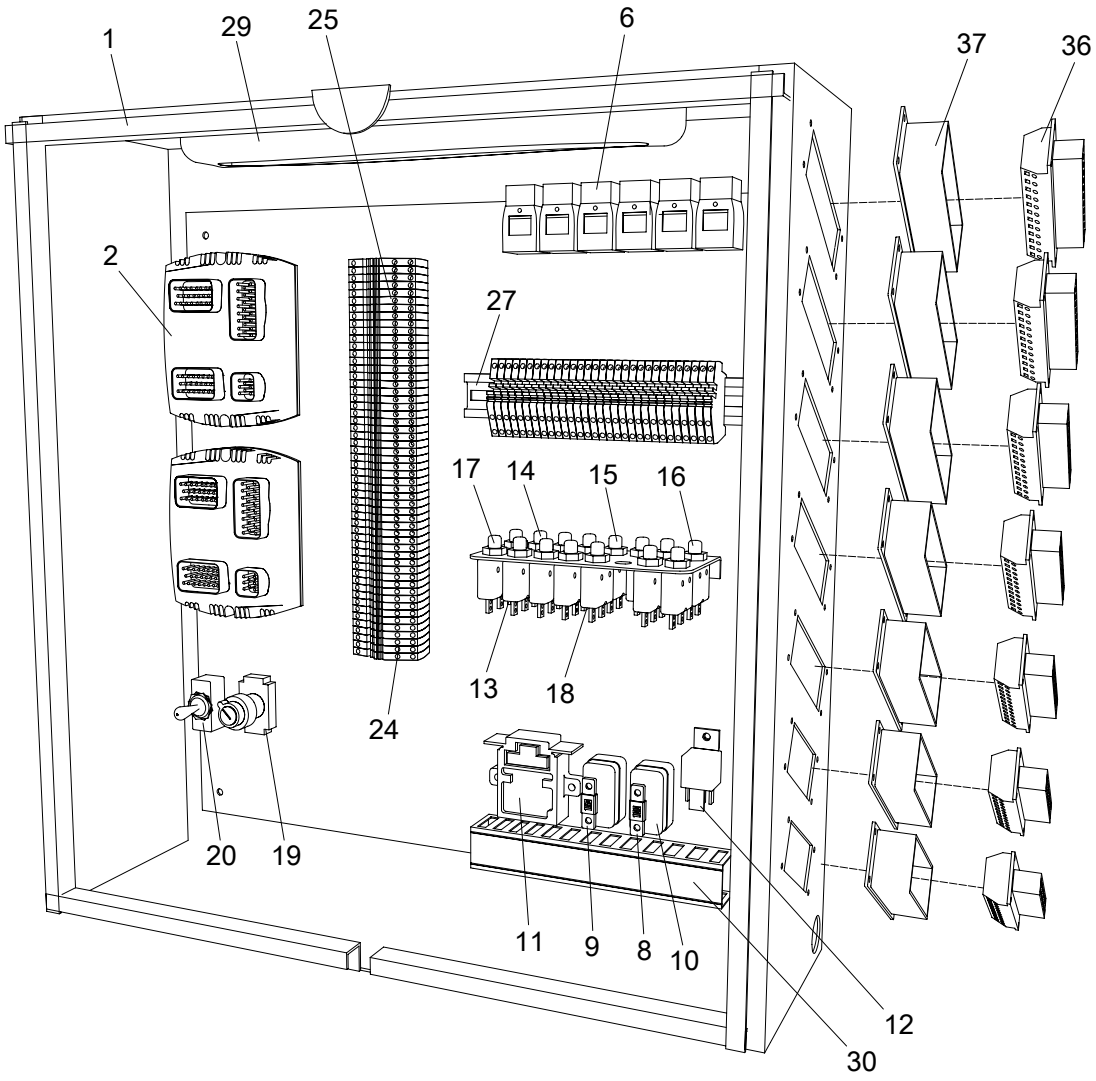
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ELECTRICAL CONTROL BOX ASSY FOR SLEWING TABLE D00663116300400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300400000	Electrical control box assy for slewing tabl e		
1	00663116300401020	•Electrical control box	1	
2	1020102028	•Controller	2	
3	1040100256	•Screw	8	
4	1040300060	•Washer	8	
5	1040300048	•Washer	8	
6	1020300083	•Universal relay	6	
7	1020700985	•Relay socket	6	
8	1020604255	•Flat-type fuse	1	
9	1020604253	•Flat-type fuse	1	
10	1020603084	•Fuse support	2	
11	1020300089	•Preheating relay	1	
12	1020303421	•Relay	1	
13	1020600014	•Circuit breaker	1	
14	1020600012	•Circuit breaker	3	
15	1020600053	•Circuit breaker	2	
16	1020600013	•Circuit breaker	4	
17	1020600054	•Circuit breaker	3	
18	1020600035	•Circuit breaker	2	
19	1020514012	•Ignition start switch	1	
20	1020500187	•Toggle switch	1	
21	1029901498	•Retaining plate	4	
22	1020805351	•Mark bar	5	
23	1029901457	•Fixer	4	
24	1029901507	•Terminal	75	
25	1029901508	•Terminal	9	
26	1029901505	•Connecting component	13	
27	1020809446	•Guide rail	1	
28	1040100065	•Screw	12	
29	1020401090	•Working floodlight	1	
30	1029900068	•Wire casing	1	
31	1040100052	•Screw	4	
32	1040300062	•Washer	4	
33	1040300051	•Washer	4	

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ELECTRICAL CONTROL BOX ASSY FOR SLEWING TABLE D00663116300400000Y



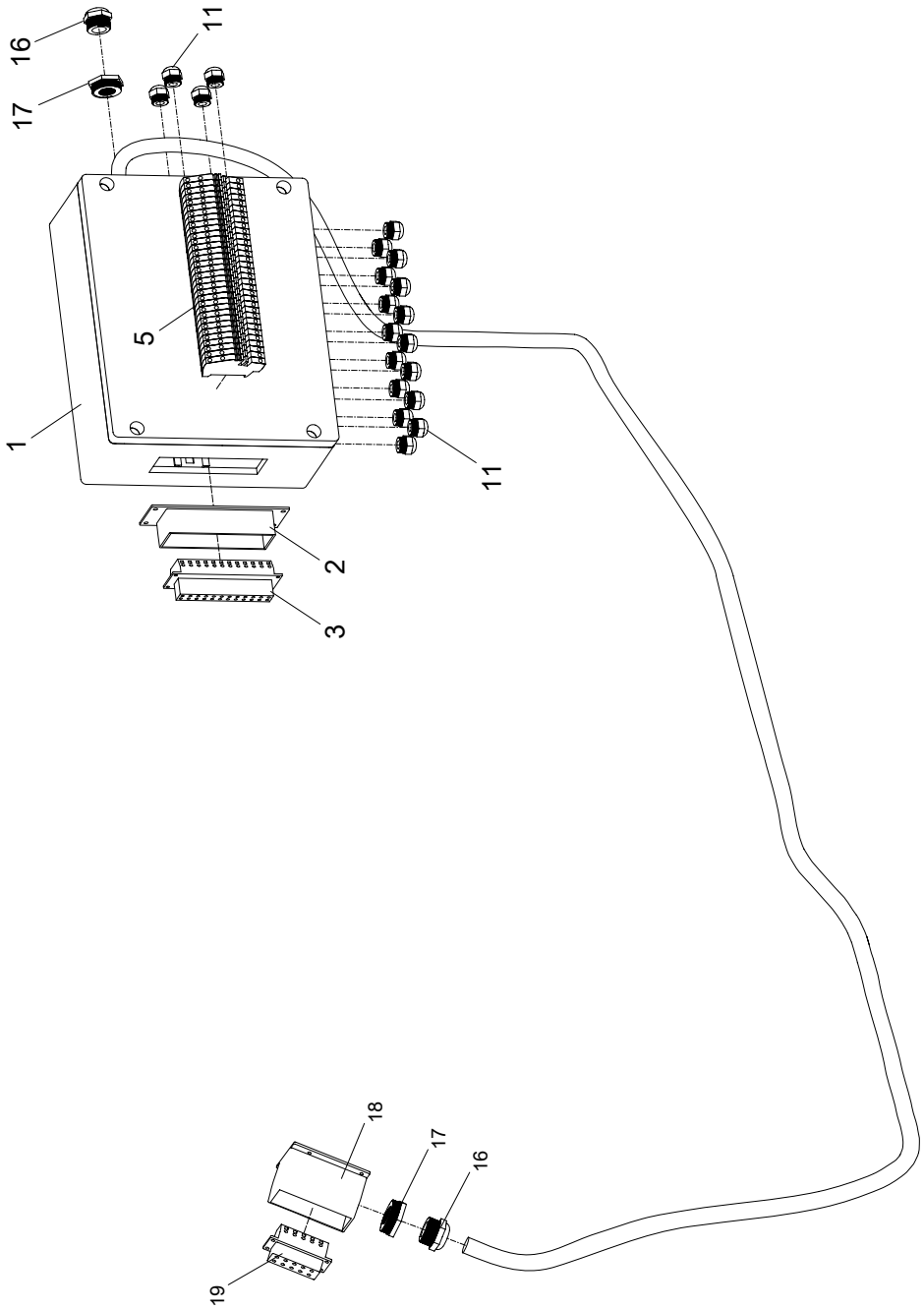
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ELECTRICAL CONTROL BOX ASSY FOR SLEWING TABLE D00663116300400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	00663116300410000	•Wiring diagram – electrical control box for slewing table	1	
35	00663116300401010	•Nameplate of electrical control box for slew ing table	1	
36	1020700306	•Connector	7	
37	1029901315	•Protecting jacket of heavy-duty connector	7	

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WIRE HARNESS OF JUNCTION BOX (1)
D00663116300210001Y



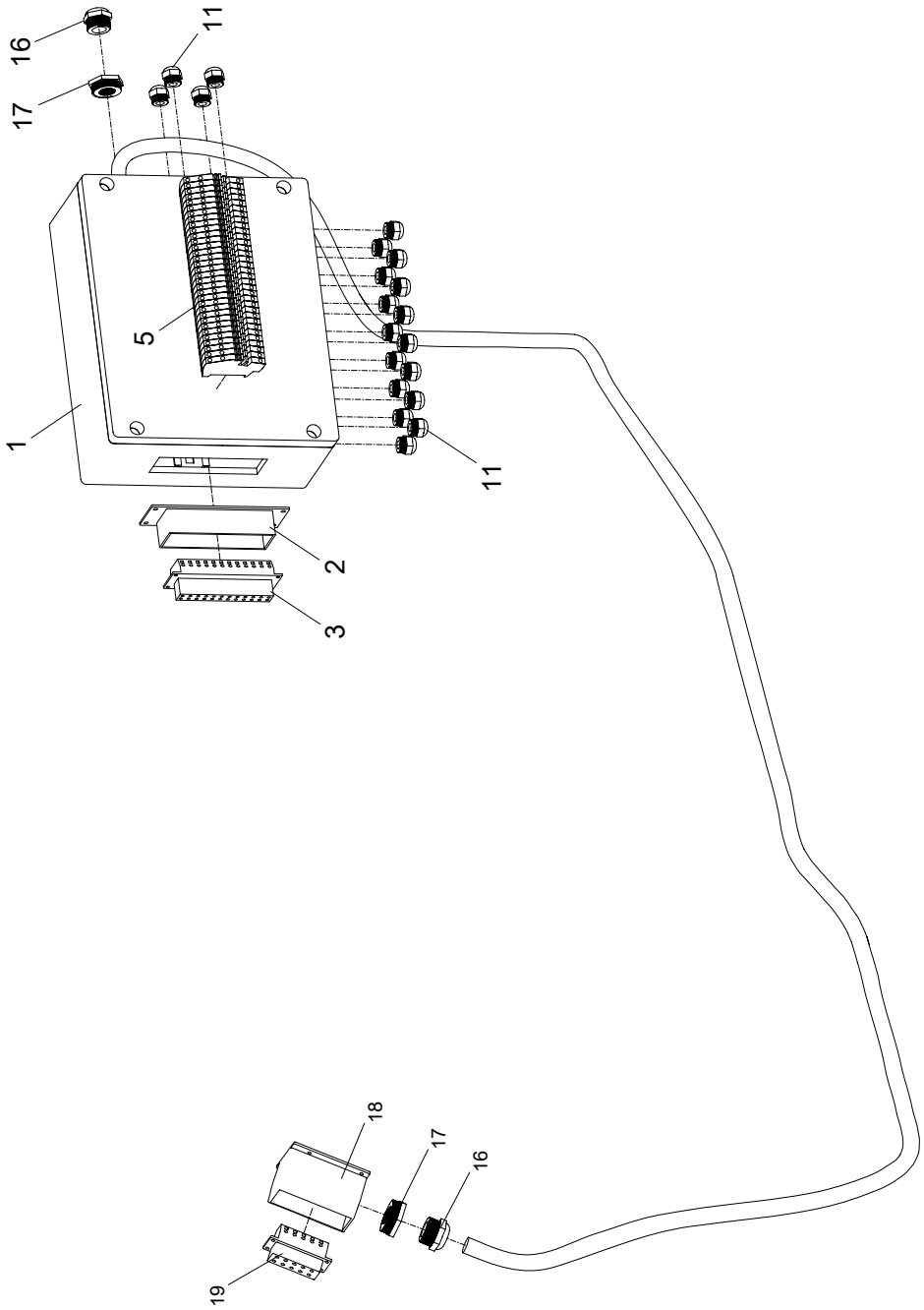
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WIRE HARNESS OF JUNCTION BOX (1)
D00663116300210001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300210001	Wire harness of junction box (1)		
1	1020809336	•Junction box	1	
2	1029901307	•Protecting jacket of heavy-duty connector	1	
3	1020700306	•Connector	1	
4	1020805351	•Mark bar	1	
5	1029901507	•Terminal	33	
6	1029901498	•Retaining plate	2	
7	1029901457	•Fixer	2	
8	1020809446	•Guide rail	1	
9	1029902138	•Pipe-shaped pre-insulating terminal	80	
10	1029902141	•Pipe-shaped pre-insulating terminal	3	
11	1029900210	•Water-proof cable joint	20	
12	1020702675	•Connector of solenoid valve	2	
13	1020702674	•Connector of solenoid valve	4	
14	1020702673	•Connector of solenoid valve	6	
15	1020500589	•Connector for proximity switch	1	
16	1029900211	•Water-proof cable joint	2	
17	1029900220	•Metal ring	2	
18	1020700273	•Socket cover	1	
19	1020700271	•Socket	1	
20	1022305371	•Flexible control cable	33m	
21	1022305368	•Flexible control cable	4.7m	
22	1022305373	•Flexible control cable	4m	
23	1020700978	•Numbered pipe	1.5m	
24	1020700981	•Numbered pipe	1m	
25	1029902994	•Strap	20	
26	1040100617	•Screw	4	
27	1020501007	•Button	1	
28	1020509003	•Push-key film	1	
29	1020806275	•Fixing bracket	1	
30	1020509016	•Normally closed contact	1	
31	1020701306	•Button box	1	
32	00663116300211011	•Indicating plate of junction box (1)	1	
33	1020701025	•Sensor cable	1	
34	1029902662	•Elbow connector	3	

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WIRE HARNESS OF JUNCTION BOX (1)
D00663116300210001Y



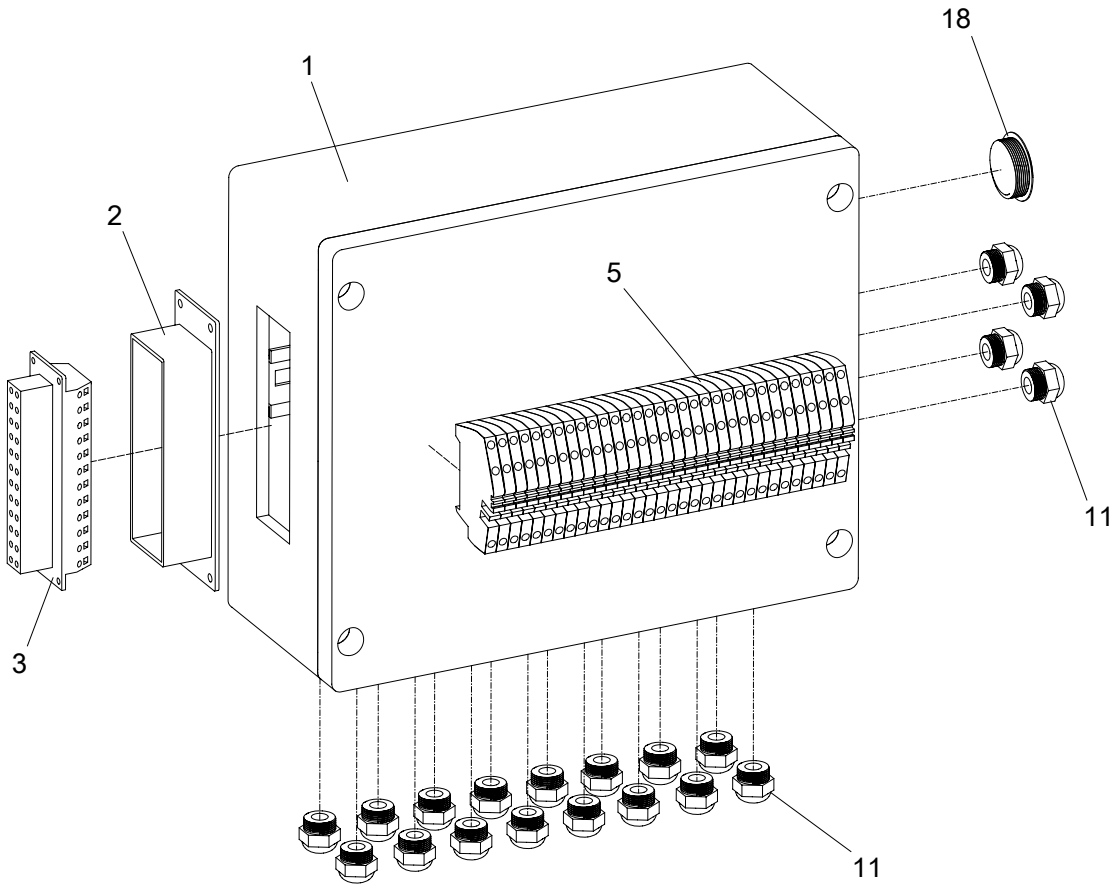
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WIRE HARNESS OF JUNCTION BOX (1)
D00663116300210001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1029901635	•U-shaped bare terminal	4	

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WIRE HARNESS OF JUNCTION BOX (2)
D00663116300220001Y



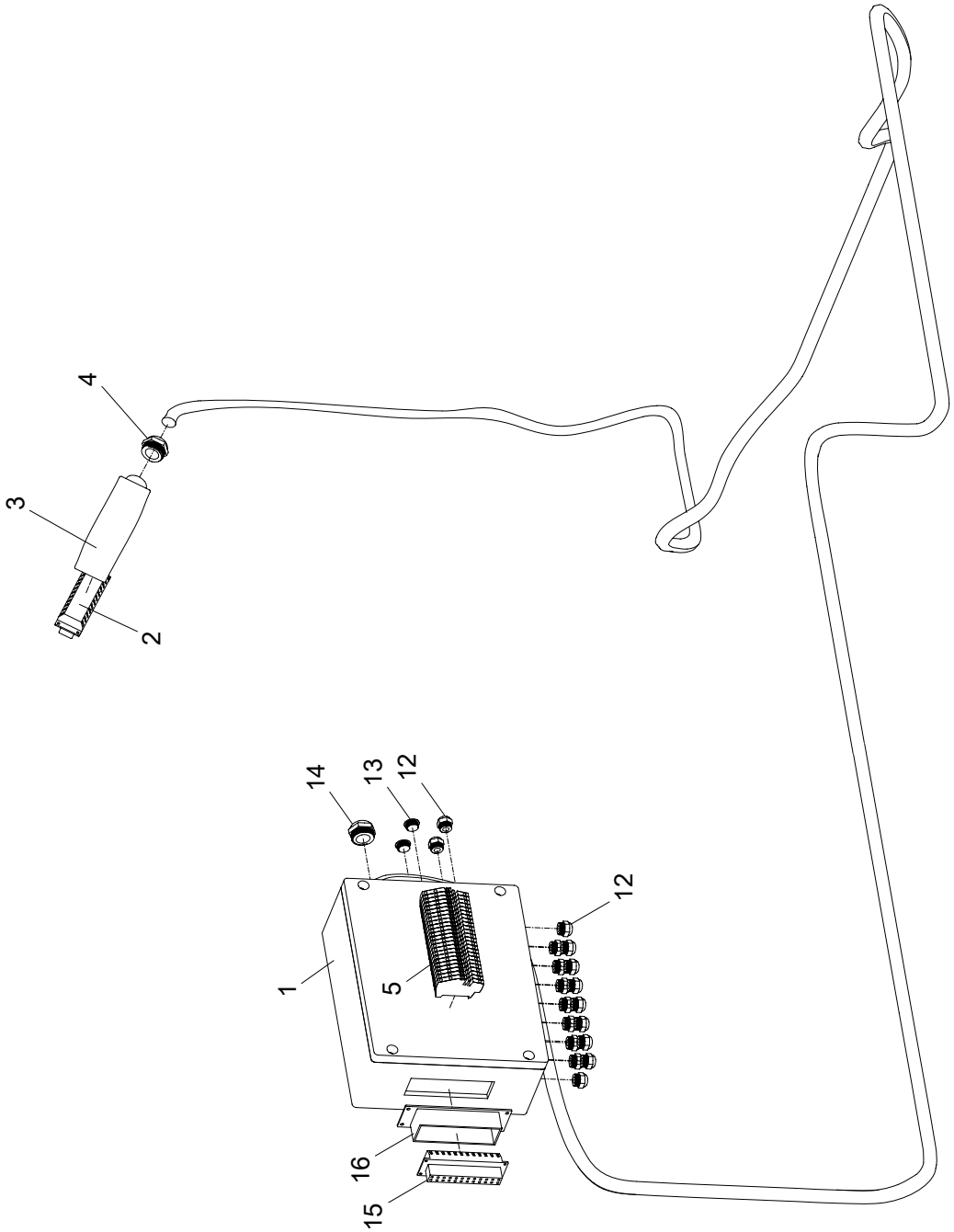
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WIRE HARNESS OF JUNCTION BOX (2)
D00663116300220001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300220001	Wire harness of junction box (2)		
1	1020809336	•Junction box	1	
2	1029901307	•Protecting jacket of heavy-duty connector	1	
3	1020700306	•Connector	1	
4	1020805351	•Mark bar	1	
5	1029901507	•Terminal	32	
6	1029901498	•Retaining plate	2	
7	1029901457	•Fixer	2	
8	1020809446	•Guide rail	1	
9	1029902138	•Pipe-shaped pre-insulating terminal	68	
10	1029902141	•Pipe-shaped pre-insulating terminal	3	
11	1029900210	•Water-proof cable joint	20	
12	1020700310	•Waterproof socket	1	
13	1020702674	•Connector of solenoid valve	1	
14	1029900129	•Terminal	12	
15	1029900002	•Housing	12	
16	1020700672	•Waterproof bolt	12	
17	1020700681	•Pin	12	
18	1029900219	•Closed cover	1	
19	1022305371	•Flexible control cable	1	
20	1022305369	•Flexible control cable	1	
21	1022200845	•Connector	2	
22	1022200949	•Connector	2	
23	1040100617	•Screw	4	
24	1020700978	•Numbered pipe	1.5m	
25	1020700981	•Numbered pipe	1m	
26	1029902994	•Strap	20	
27	00663116300221011	•Indicating plate of junction box (2)	1	
28	1029901635	•U-shaped bare terminal	2	
29	1020701025	•Sensor cable	1	
30	1029902662	•Elbow connector	1	
31	1020700951	•2-pin plug protecting jacket	1	
32	1020700952	•Lock	1	
33	1020700970	•Socket	2	
34	1022200646	•Socket	1	

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WIRE HARNESS OF JUNCTION BOX (3)
D00663116300230001Y



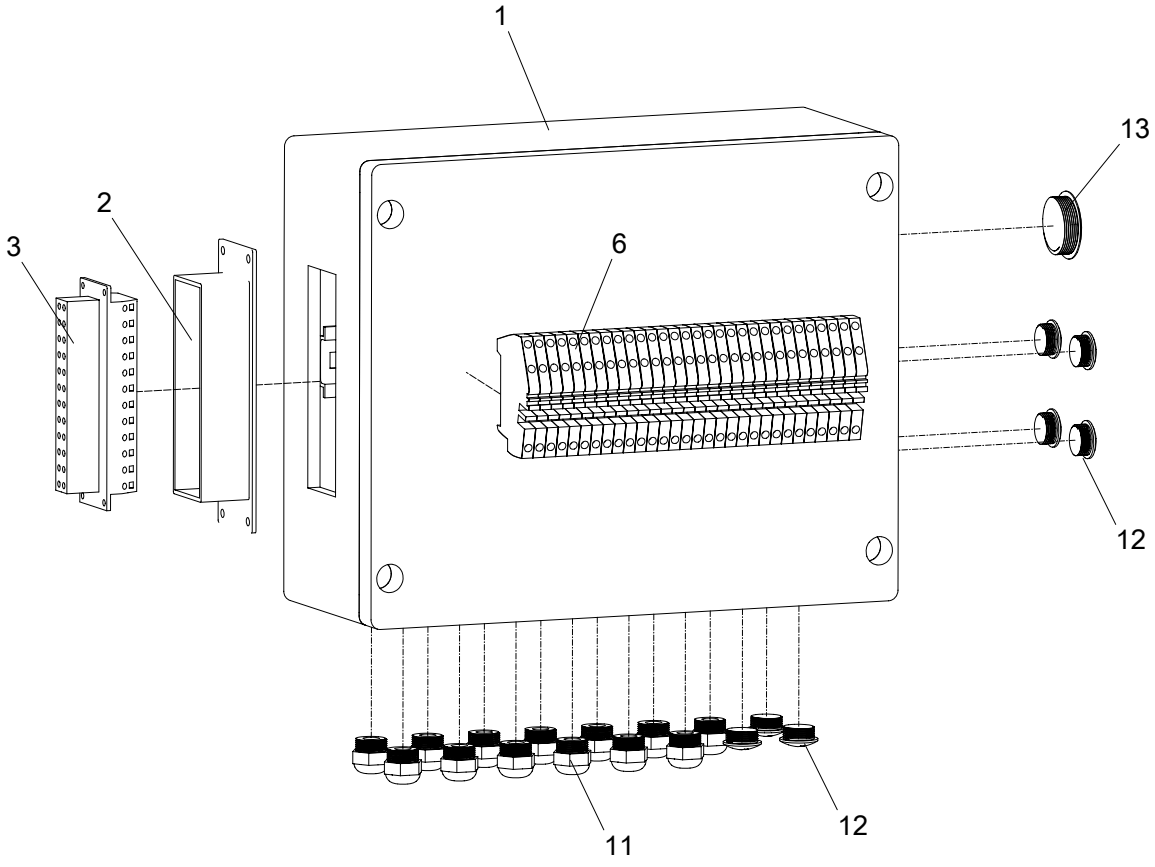
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WIRE HARNESS OF JUNCTION BOX (3)
D00663116300230001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300230001	Wire harness of junction box (3)		
1	1020809336	•Junction box	1	
2	1020700307	•Connector	1	
3	1029901316	•Protecting jacket of heavy-duty connector	1	
4	1029901193	•Cable joint	1	
5	1029901507	•Terminal	24	
6	1029901498	•Retaining plate	2	
7	1029901457	•Fixer	2	
8	1020805351	•Mark bar	1	
9	1020809446	•Guide rail	1m	
10	1029902138	•Pipe-shaped pre-insulating terminal	56	
11	1029902141	•Pipe-shaped pre-insulating terminal	3	
12	1029900210	•Water-proof cable joint	18	
13	1022396130	•Cable joint	2	
14	1029900212	•Water-proof cable joint	1	
15	1020700306	•Connector	1	
16	1029901307	•Protecting jacket of heavy-duty connector	1	
17	1020702673	•Connector of solenoid valve	8	
18	1020702675	•Connector of solenoid valve	2	
19	1020702674	•Connector of solenoid valve	2	
20	1022305375	•Flexible control cable	7.7m	
21	1022305371	•Flexible control cable	24m	
22	1040100617	•Screw	4	
23	1020700978	•Numbered pipe	1.5m	
24	1020700981	•Numbered pipe	1m	
25	1029902994	•Strap	20	
26	1022200646	•Socket	2	
27	1020700951	•2-pin plug protecting jacket	2	
28	1020700970	•Socket	4	
29	00663116300231011	•Indicating plate of junction box (3)	1	
30	1020701025	•Sensor cable	2	

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WIRE HARNESS OF JUNCTION BOX (4)
D00663116300240001Y



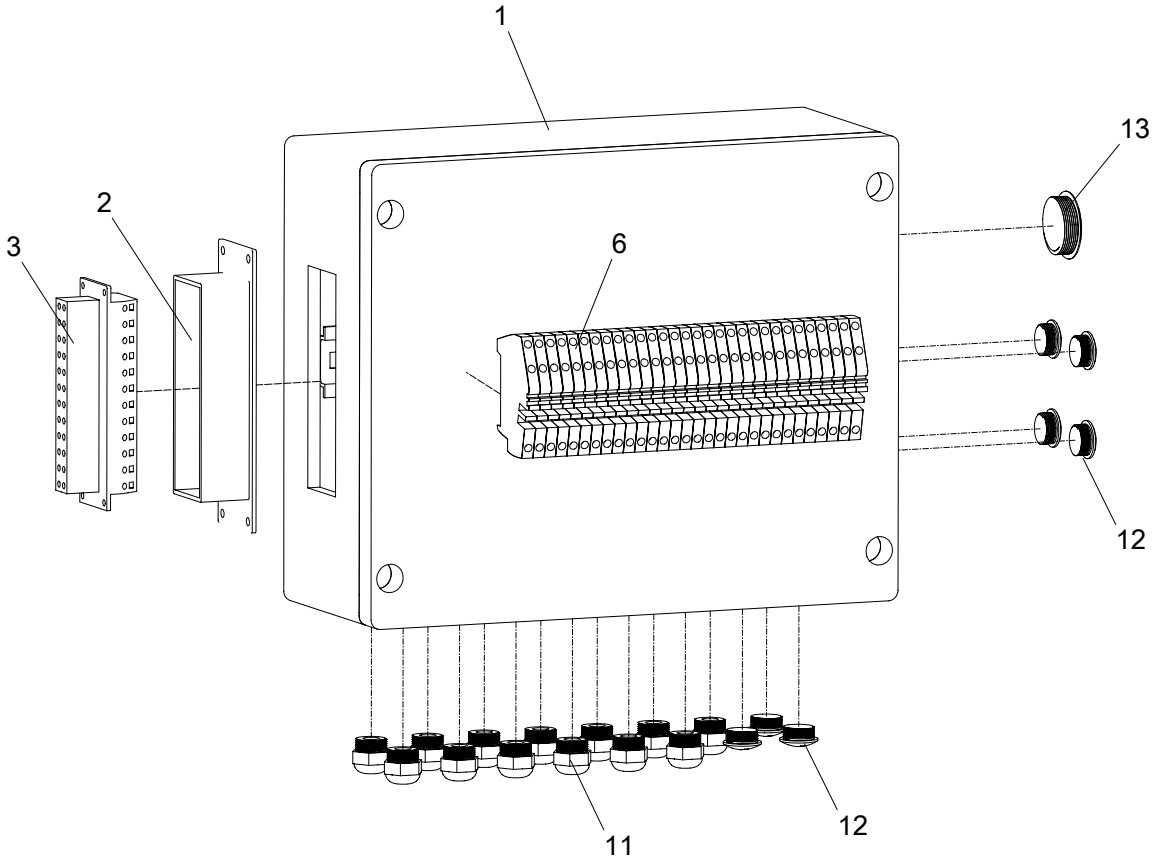
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WIRE HARNESS OF JUNCTION BOX (4)
D00663116300240001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300240001	Wire harness of junction box (4)		
1	1020809336	•Junction box	1	
2	1029901307	•Protecting jacket of heavy-duty connector	1	
3	1020700306	•Connector	1	
4	1020809446	•Guide rail	1m	
5	1020805351	•Mark bar	1	
6	1029901507	•Terminal	30	
7	1029901498	•Retaining plate	2	
8	1029901457	•Fixer	2	
9	1029902138	•Pipe-shaped pre-insulating terminal	75	
10	1029902141	•Pipe-shaped pre-insulating terminal	3	
11	1029900210	•Water-proof cable joint	13	
12	1029900215	•Closed cover	7	
13	1029900219	•Closed cover	1	
14	1020700310	•Waterproof socket	1	
15	1020702675	•Connector of solenoid valve	4	
16	1020702674	•Connector of solenoid valve	1	
17	1022200646	•Socket	2	
18	1020700951	•2-pin plug protecting jacket	2	
19	1020700952	•Lock	2	
20	1020700970	•Socket	10	
21	1022305371	•Flexible control cable	48m	
22	1022305368	•Flexible control cable	2.5m	
23	1022305370	•Flexible control cable	1.4m	
24	1022200816	•Connector	2	
25	1029902320	•Protecting jacket	1	
26	1020700959	•Protecting jacket of 6-conductor socket	1	
27	1020700960	•Lock	1	
28	1022200650	•Socket	1	
29	1020700948	•Blanking plug	1	
30	1020500589	•Connector for proximity switch	4	
31	1022396106	•Cable joint	4	
32	1020700978	•Numbered pipe	1.5m	
33	1020700981	•Numbered pipe	1m	
34	1040100617	•Screw	4	

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WIRE HARNESS OF JUNCTION BOX (4)
D00663116300240001Y



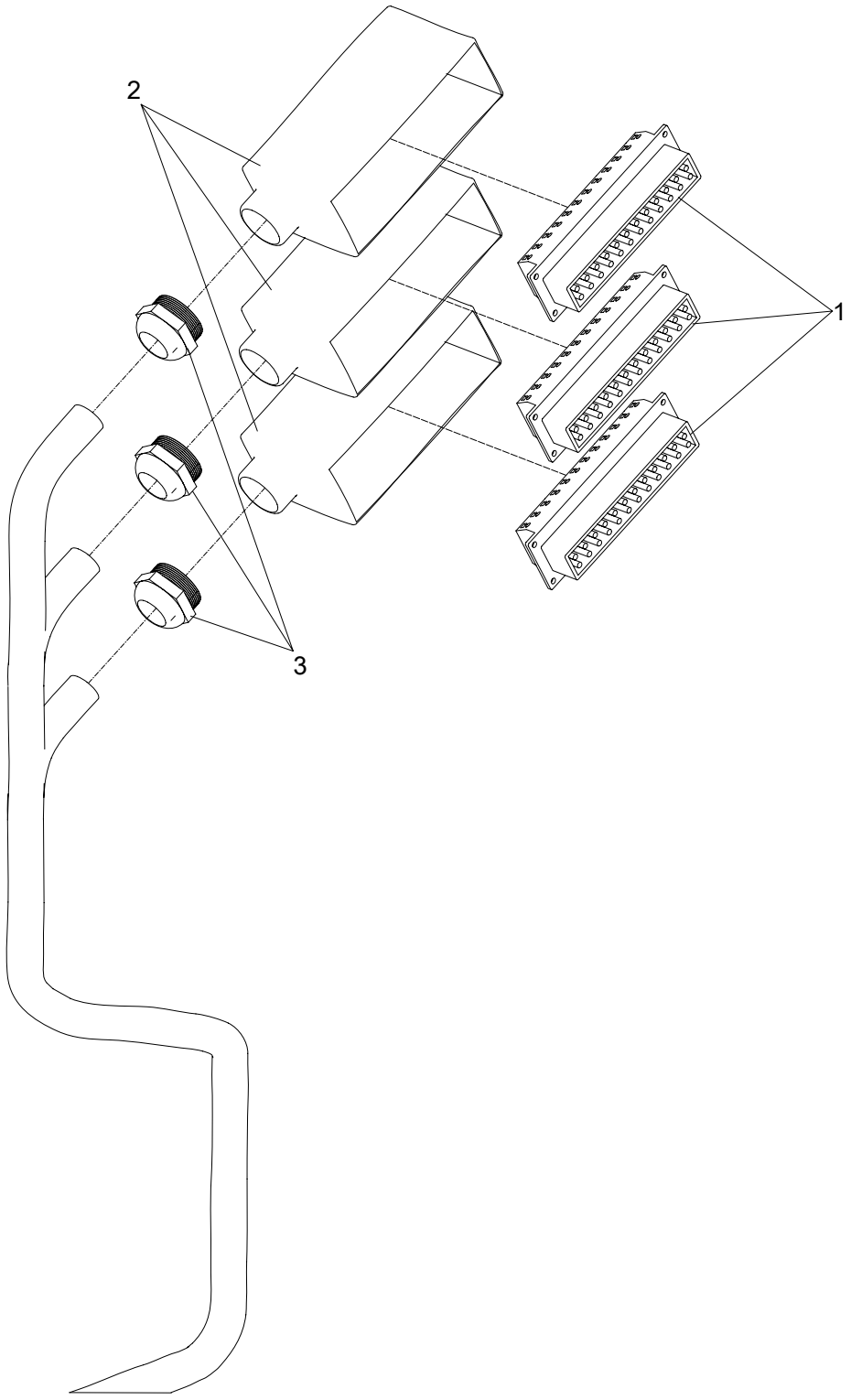
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WIRE HARNESS OF JUNCTION BOX (4)
D00663116300240001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
35	1029902994	•Strap	20	
36	00663116300241011	•Indicating plate of junction box (4)	1	

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WIRE HARNESS OF OPERATOR'S CAB ON SLEWING TABLE D00663116300250001Y



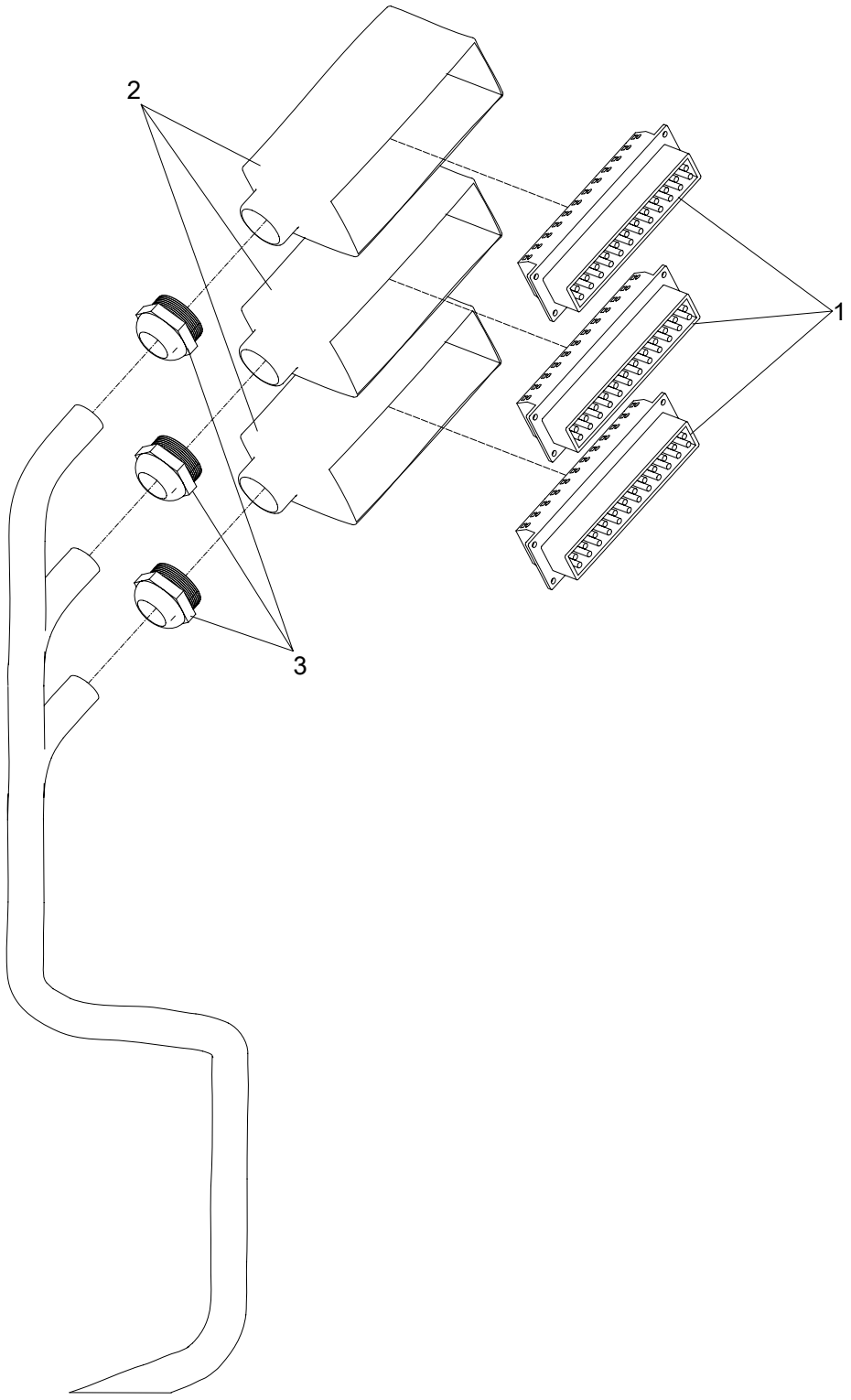
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WIRE HARNESS OF OPERATOR'S CAB ON SLEWING TABLE D00663116300250001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300250001	Wire harness of operator's cab on slewing table		
1	1020700307	•Connector	3	
2	1029901316	•Protecting jacket of heavy-duty connector	3	
3	1029901193	•Cable joint	3	
4	1022200652	•Socket	1	
5	1020700967	•Protecting jacket of 12-conductor socket	1	
6	1020700968	•Lock	1	
7	1020700970	•Socket	80	
8	1020700948	•Blanking plug	3	
9	1020700959	•Protecting jacket of 6-conductor socket	2	
10	1020700960	•Lock	2	
11	1022200650	•Socket	2	
12	1020700440	•Protecting jacket	2	
13	1020700946	•Lock	2	
14	1020700947	•Socket	12	
15	1022200648	•Socket	2	
16	1020700955	•Protecting jacket of four-conductor socket	2	
17	1020700956	•Lock	2	
18	1020700951	•2-pin plug protecting jacket	6	
19	1022200646	•Socket	6	
20	1020700952	•Lock	6	
21	1020700737	•Socket protecting jacket	2	
22	1022260022	•Locking plate	2	
23	1022200645	•Plug	1	
24	1020700949	•Protecting jacket of four-conductor plug	1	
25	1020700950	•Lock	1	
26	1020700969	•Plug	2	
27	1029901598	•O-shaped bare terminal	1	
28	1029901593	•O-shaped bare terminal	4	
29	1029901592	•O-shaped bare terminal	1	
30	1022200845	•Connector	2	
31	1022200949	•Connector	2	
32	1029901610	•O-shaped bare terminal	3	
33	1029901613	•O-shaped bare terminal	3	

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WIRE HARNESS OF OPERATOR'S CAB ON SLEWING TABLE D00663116300250001Y



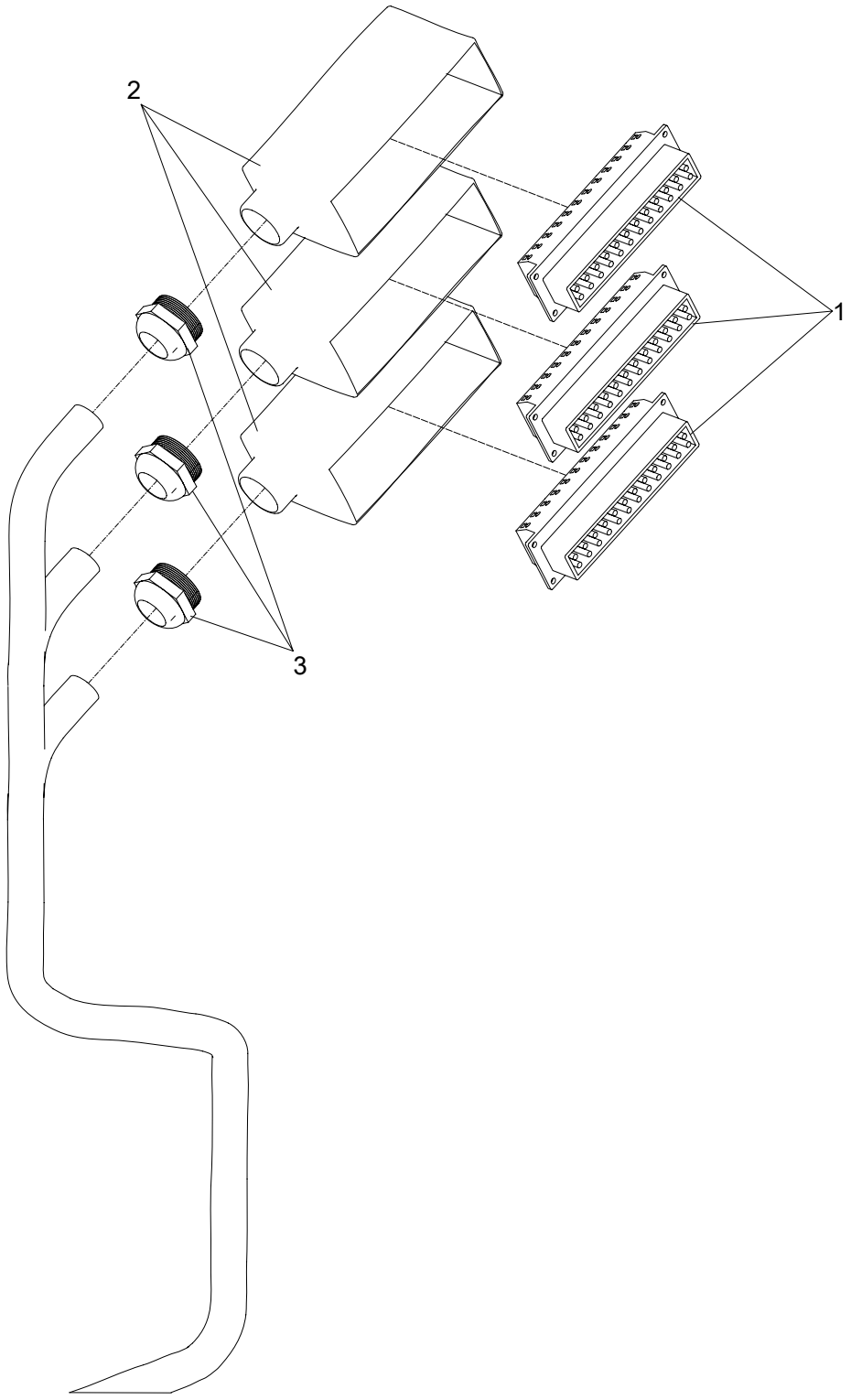
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WIRE HARNESS OF OPERATOR'S CAB ON SLEWING TABLE D00663116300250001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	1029901612	•O-shaped bare terminal	1	
35	1029901607	•O-shaped bare terminal	1	
36	1029901615	•O-shaped bare terminal	1	
37	1029902138	•Pipe-shaped pre-insulating terminal	80	
38	1029902141	•Pipe-shaped pre-insulating terminal	6	
39	1029902872	•Insulated sleeve	3	
40	1029902880	•Insulated sleeve	5	
41	1029902884	•Insulated sleeve	1	
42	1029902164	•Insulated sleeve	8	
43	1022305375	•Flexible control cable	4m	
44	1022305058	•Cable	5.5m	
45	1022305056	•Cable	18m	
46	1022305062	•Cable	98.5m	
47	1022305132	•Cable	24m	
48	1022305133	•Cable	27m	
49	1022305134	•Cable	12m	
50	1022305139	•Cable	5.9m	
51	1022305145	•Cable	3.3m	
52	1022305144	•Wire	11.6m	
53	1022305154	•Wire	1.8m	
54	1020700978	•Numbered pipe	5m	
55	1020700979	•Numbered pipe	0.1m	
56	1020700981	•Numbered pipe	0.3m	
57	1020700980	•Numbered pipe	0.1m	
58	1020700984	•Numbered pipe	0.2m	
59	1029902992	•Strap	30	
60	1022397100	•Split corrugated pipe	3m	
61	1022397101	•Split corrugated pipe	3m	
62	1022397102	•Split corrugated pipe	2m	
63	1022397104	•Split corrugated pipe	3.5m	
64	1022397098	•Split corrugated pipe	15m	
65	1022397099	•Split corrugated pipe	6m	
66	1022398001	•Buckle	2	
67	1022398002	•Buckle	3	
68	1022398004	•Buckle	2	

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WIRE HARNESS OF OPERATOR'S CAB ON SLEWING TABLE D00663116300250001Y



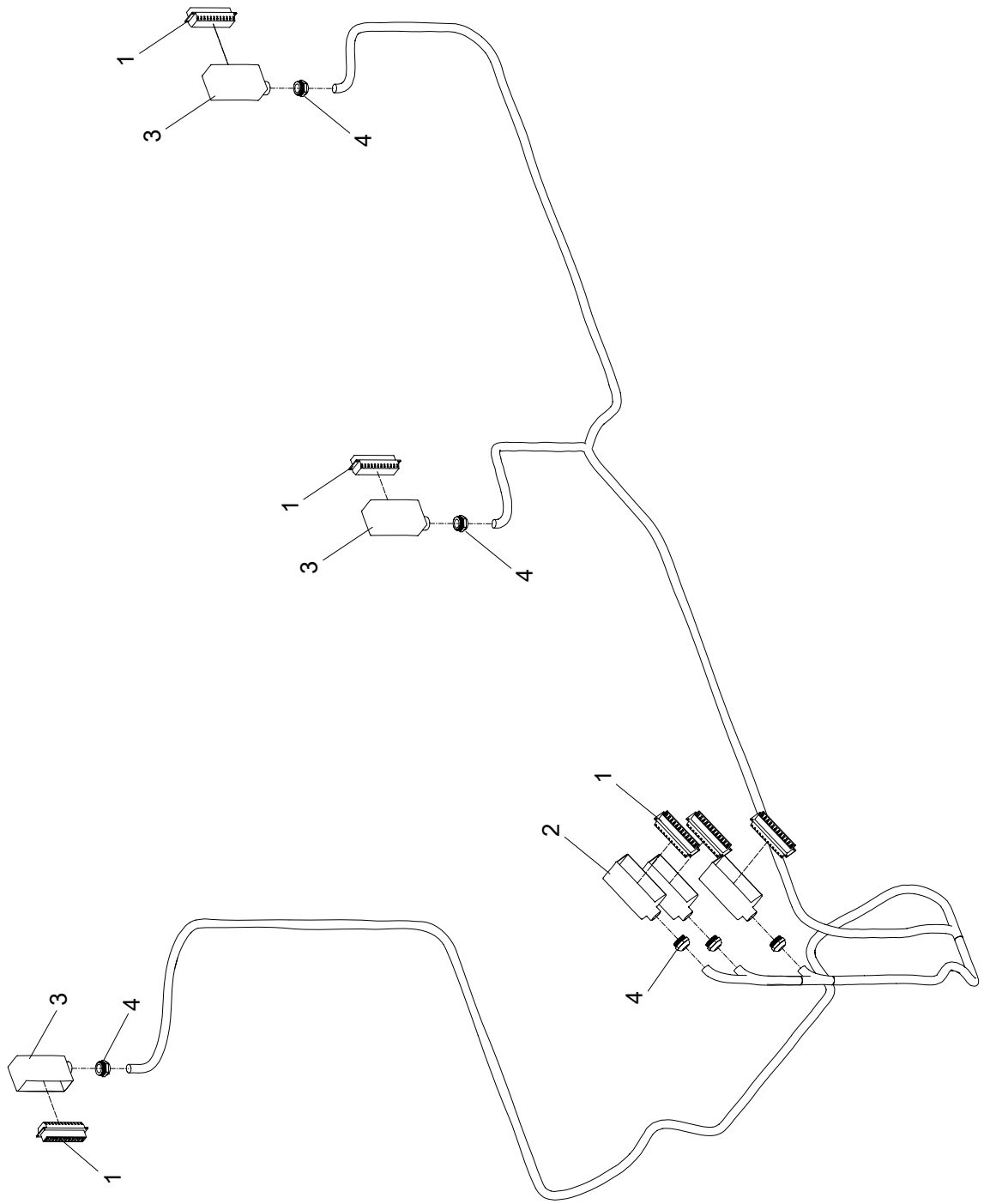
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WIRE HARNESS OF OPERATOR'S CAB ON SLEWING TABLE D00663116300250001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
69	1022398003	•Buckle	2	
70	1029900368	•Fastener	7	
71	1029900367	•Fastener	12	
72	1029900366	•Fastener	8	
73	1029900365	•Fastener	5	
74	1029900363	•Fastener	13	
75	1029900362	•Fastener	12	
76	1022398016	•Buckle	4	
77	1022398023	•Buckle	2	
78	1022398011	•Buckle	2	
79	1022398025	•Buckle	1	
80	1022397108	•Heat shrinkable tube	0.6m	
81	1140101326	•Terminal	16	
82	1020701497	•X-COM plug	1	
83	1020700723	•X-COM plug	2	

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TRANSITION CABLE OF SLEWING TABLE
D00663116300260001Y



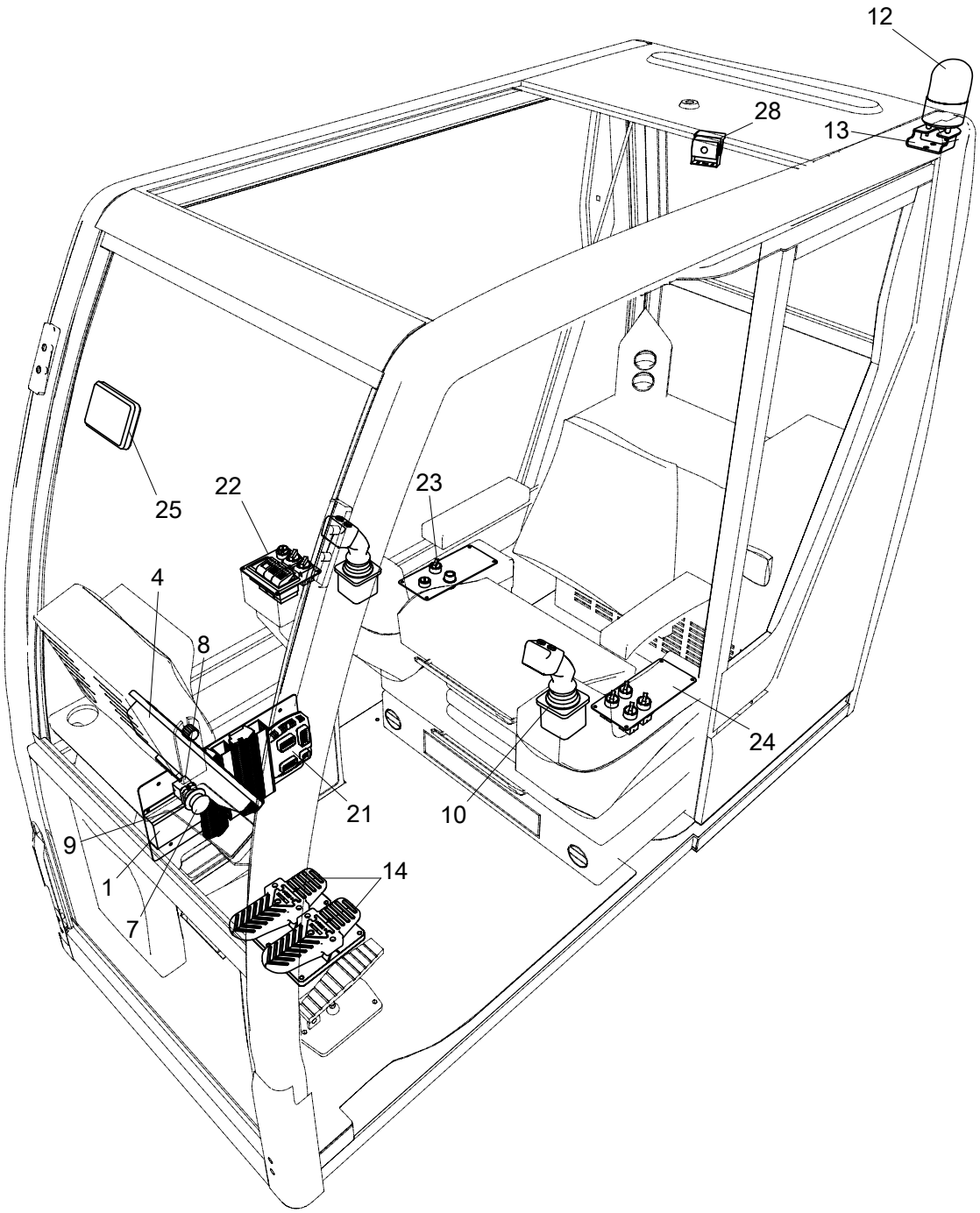
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TRANSITION CABLE OF SLEWING TABLE
D00663116300260001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116300260001	Transition cable of slewing table		
1	1020700307	•Connector	6	
2	1029901316	•Protecting jacket of heavy-duty connector	3	
3	1029901288	•Protecting jacket of heavy-duty connector	3	
4	1029901193	•Cable joint	6	
5	1029902138	•Pipe-shaped pre-insulating terminal	80	
6	1022305375	•Flexible control cable	11.7m	
7	1020700978	•Numbered pipe	3米	

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OPERATOR'S CAB ELECTRICS
D00663116200000000Y



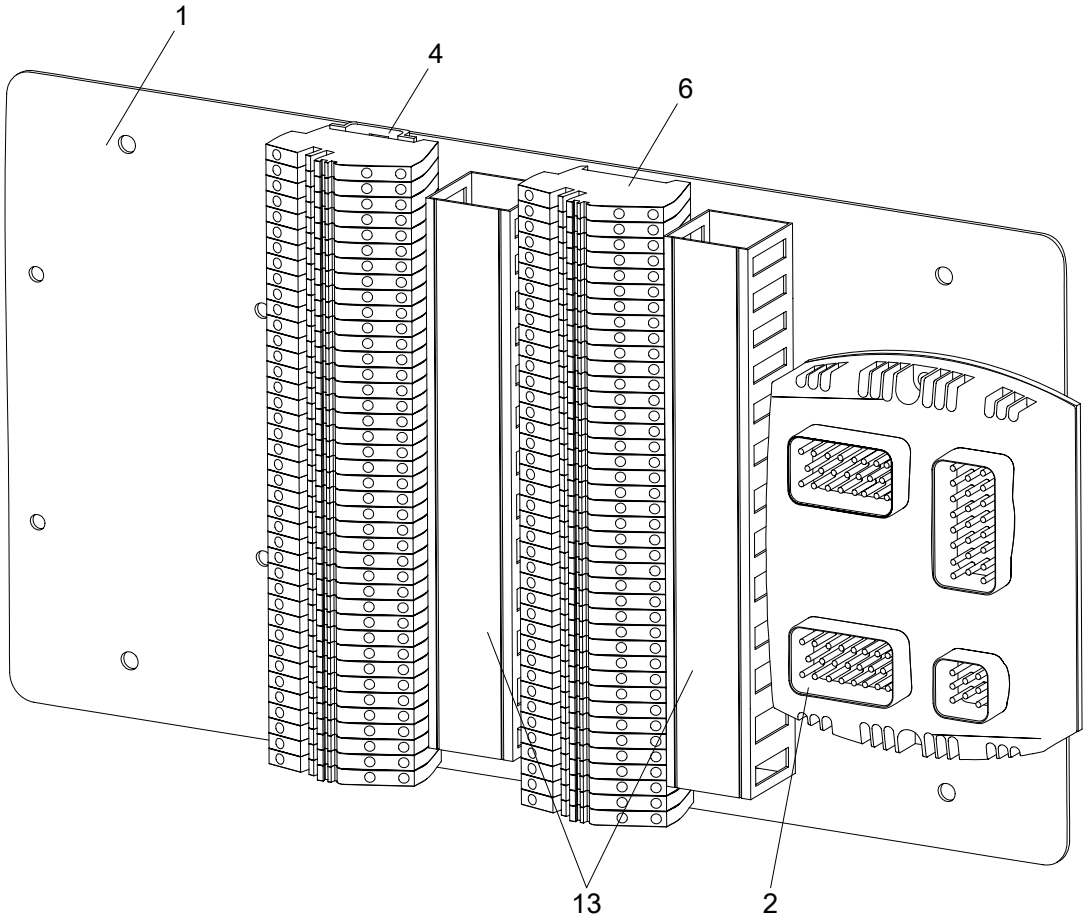
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OPERATOR'S CAB ELECTRICS
D00663116200000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116200000000	Operator's cab electrics		
1	1020200072	•Voltage reduction module	1	
2	1040100432	•Screw	4	
3	1040300060	•Washer	16	
4	1020400099	•Display	1	
5	1040100521	•Screw	16	
6	1040300062	•Washer	16	
7	1029901998	•Emergency stop button	1	
8	1020500001	•Normally closed contact	1	
9	1029802159	•Emergency stop sign	1	
10	1031700013	•Control lever	2	
11	1040100052	•Screw	8	
12	1020400324	•LED acoustic signal light	1	
13	00663006232400000	•Flashing light support	1	
14	1020103590	•Foot-operated controller	2	
15	1040000077	•Bolt	8	
16	1040200192	•Nut	8	
17	1040300063	•Washer	8	
18	1040200107	•Nut	12	
19	1040000151	•Bolt	12	
20	00663116200400000	•Operator's cab components wiring diagram	1	
21	00663116200210001	•Electrical control box assy. for operator's cab	1	
22	00663116200220001	•Operating console assy.	1	
23	00663116200230001	•Right control panel assy.	1	
24	00663116200270000	•Left control panel assy. for three winches w ith free-fall functions	1	
25	1020400417	•LCD screen	1	
26	1020701882	•Video signal cable	1	
27	1020701880	•Video signal cable	1	
28	1020200073	•1/3" Camera	2	

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ELECTRICAL CONTROL BOX ASSY FOR OPERATOR'S CAB
D00663116200210001Y



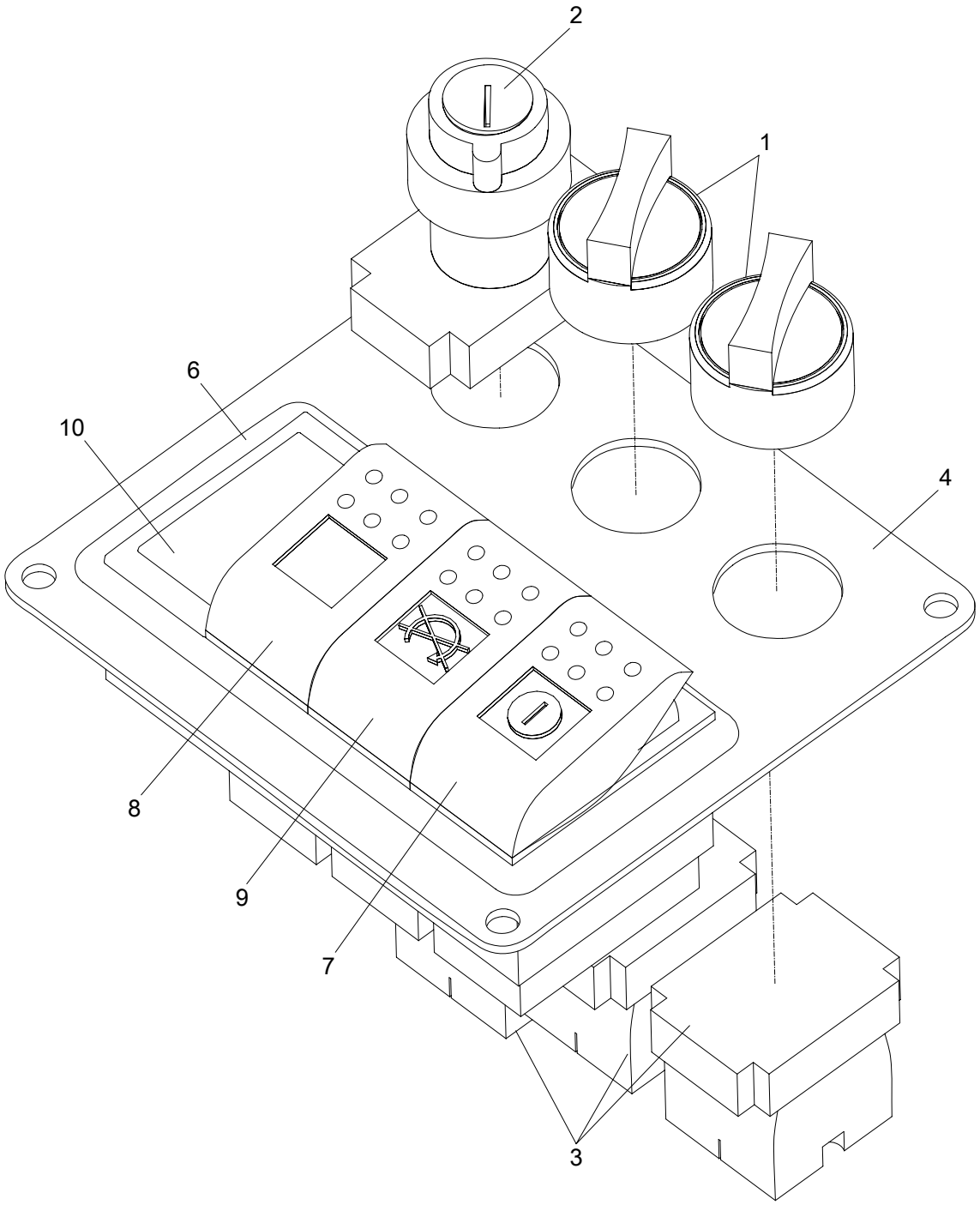
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ELECTRICAL CONTROL BOX ASSY FOR OPERATOR'S CAB D00663116200210001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116200210001	Electrical control box assy for operator's c ab		
1	00663116200210011	•Mounting plate of operator's cab electrics	1	
2	1020100021	•PLC controller	1	
3	1040100044	•Screw	2	
4	1020809446	•Guide rail	1	
5	1020700530	•Terminal retaining plate	4	
6	1020701340	•Terminal	80	
7	1020700679	•Adjoining jumper wire	4	
8	1020700577	•X-COM plug	4	
9	1991800014	•Partition plate	8	
10	1020800025	•Block stop	4	
11	1020700580	•Marking bar	10	
12	1020700581	•Marking bar	3	
13	1022399054	•Wire casing	2	
14	00663116200210021	•Wiring diagram – electrical control box for operator's cab	1	
15	1040100047	•Screw	12	
16	1040300044	•Washer	12	
17	1040300045	•Washer	12	
18	1040200111	•Nut	4	
19	1040300062	•Washer	4	
20	1040300051	•Washer	4	

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OPERATING CONSOLE ASSY
D00663116200220001Y



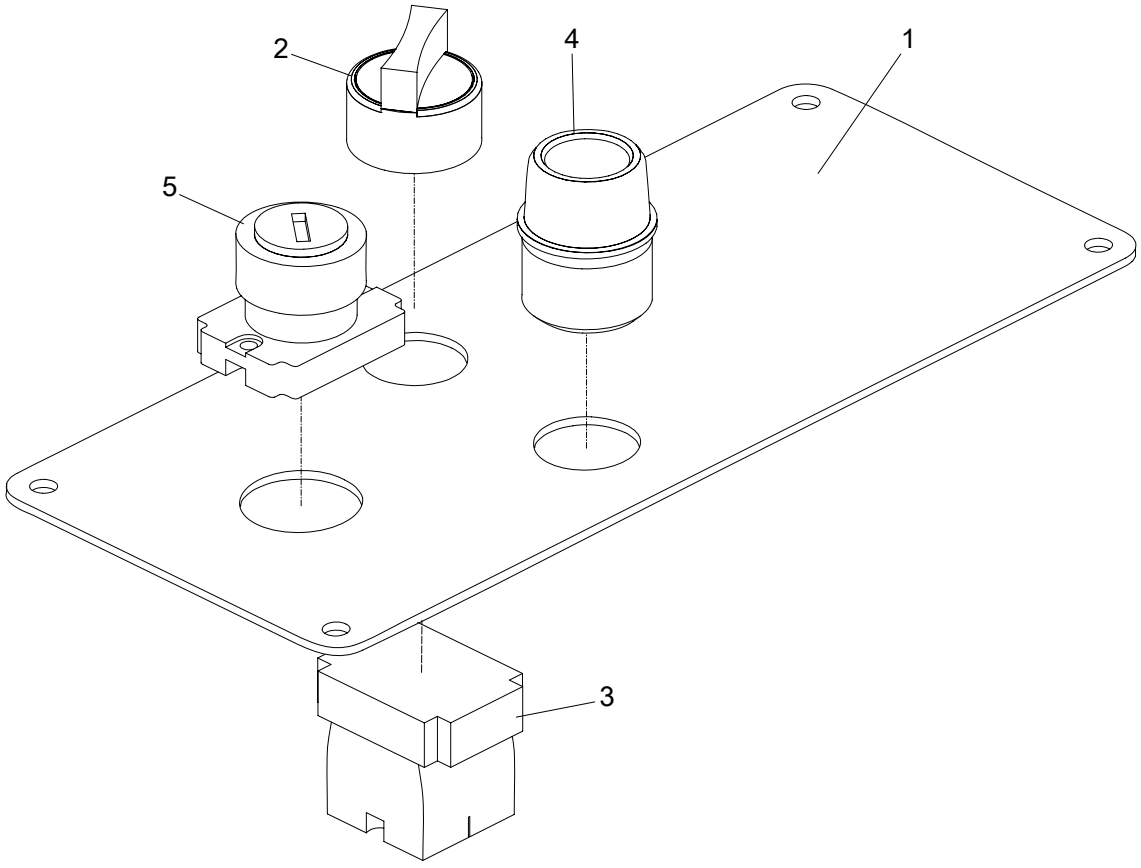
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OPERATING CONSOLE ASSY
D00663116200220001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116200220001	Operating console assy		
1	1020513068	•Selective switch	2	
2	1020500139	•Key button	1	
3	1020300024	•Contact seat	3	
4	00663116200221011	•Cover plate of operating console	1	
5	00663116200220011	•Wiring diagram – operating console	1	
6	1020500025	•Quadruple frame	1	
7	1020500501	•Rocker switch	1	
8	1020500839	•Rocker switch	1	
9	1020519139	•Engine shutdown switch	1	
10	1009900009	•Cover plate	1	

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RIGHT CONTROL PANEL ASSY
D006631162002300O1Y



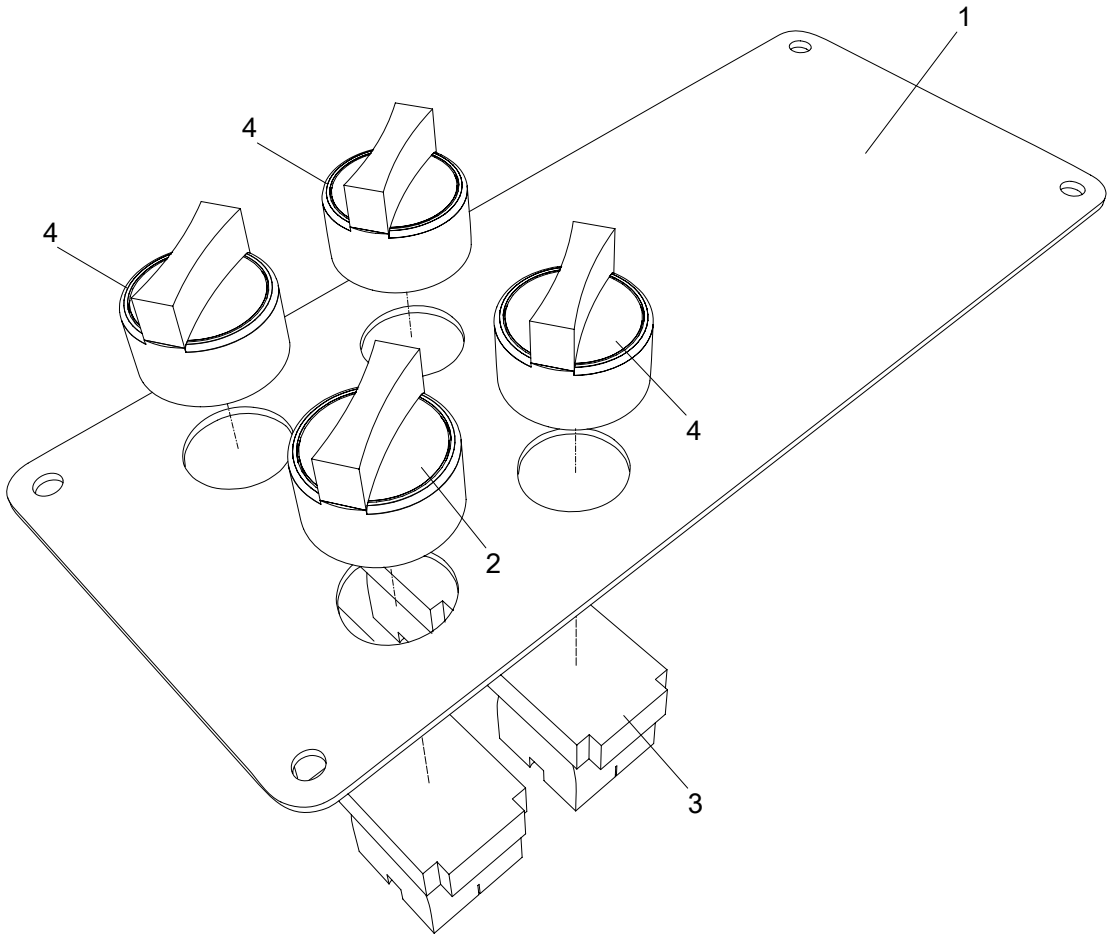
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RIGHT CONTROL PANEL ASSY
D00663116200230001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116200230001	Right control panel assy		
1	00663116200231011	•Cover plate of right control lever assy	1	
2	1020512039	•Switch	1	
3	1020300024	•Contact seat	1	
4	1021102240	•Potential device	1	
5	1020500132	•Ignition start switch	1	
6	00663116200230011	•Right control panel wiring diagram	1	

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LEFT CONTROL PANEL ASSY FOR THREE WINCHES WITH FREE-FALL FUNCTIONS D00663116200270000Y



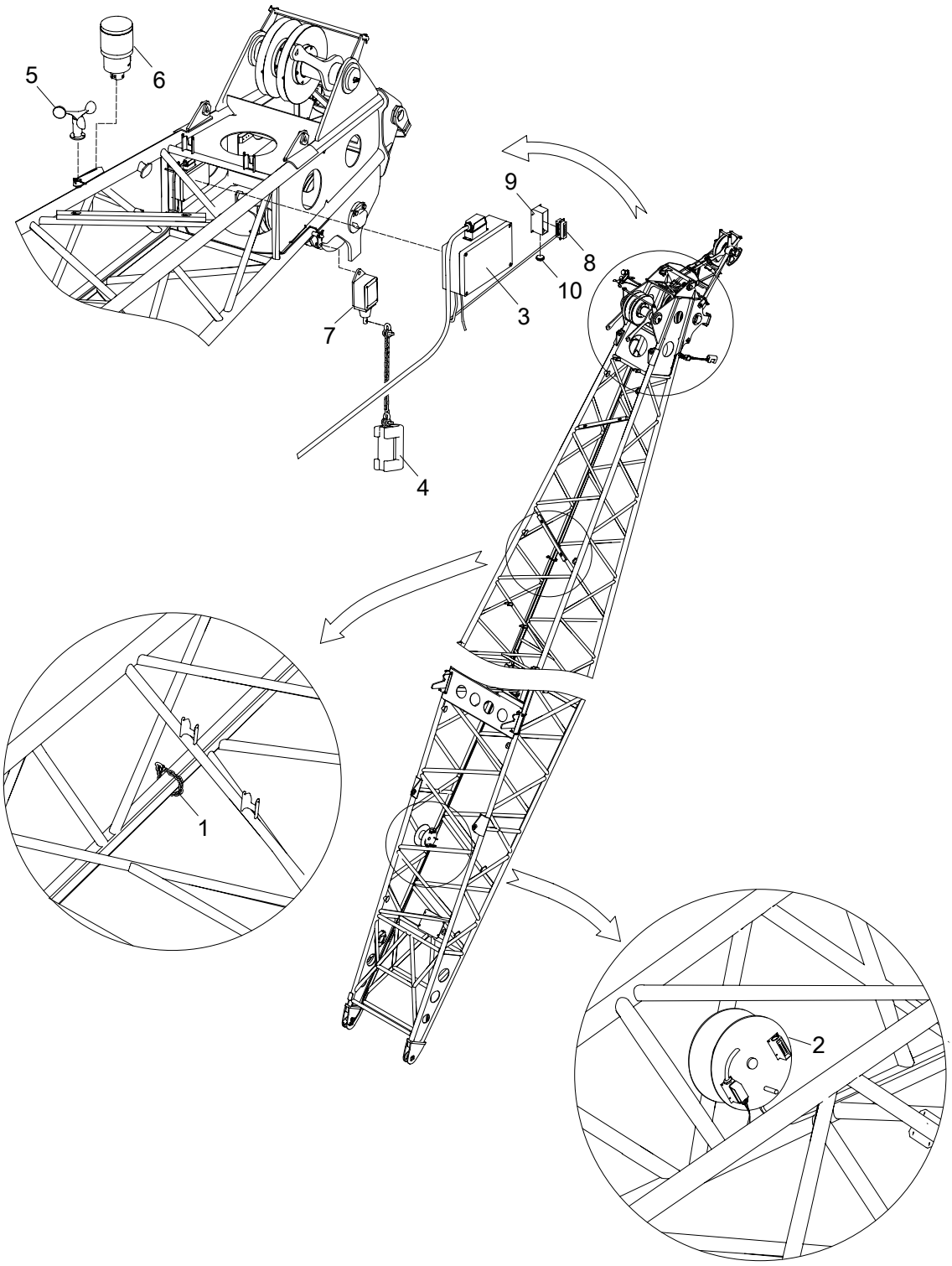
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LEFT CONTROL PANEL ASSY FOR THREE WINCHES WITH FREE-FALL FUNCTIONS D00663116200270000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116200270000	Left control panel assy for three winches wi th free-fall functions		▼
1	00663116200271010	•Cover plate of left control lever assy.	1	
2	1020512039	•Switch	1	
3	1020300024	•Contact seat	4	
4	1020513068	•Selective switch	3	
5	00663116200270010	•Wiring diagram – left control panel for thre e winches with free-fall functions	1	

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MAIN BOOM ELETRICS
D00663116400200000Y



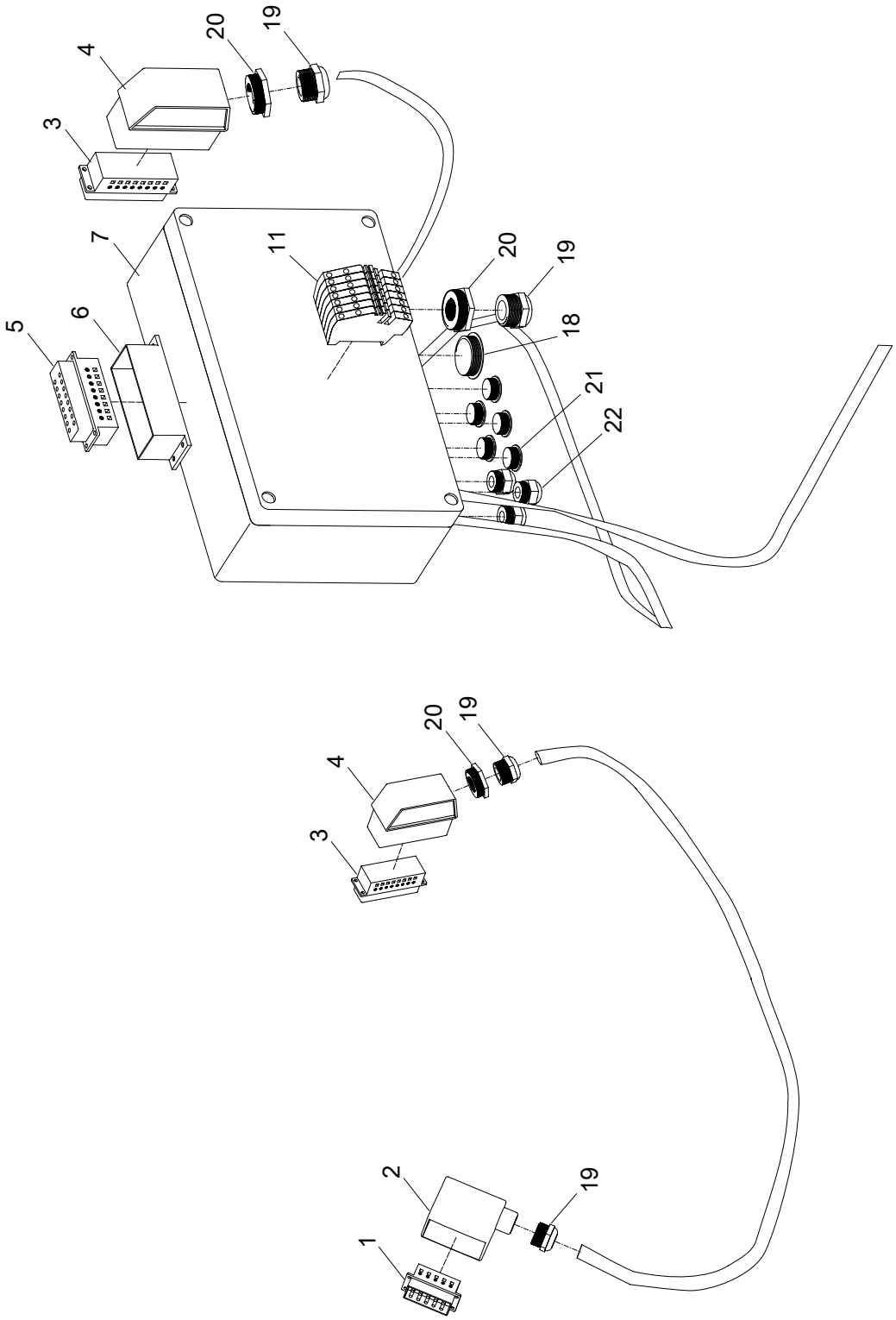
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MAIN BOOM ELETRICS
D00663116400200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116400200000	Main boom eletrics		
1	1090100222	•Chain	4	
2	00663816401200000	•Cable drum assy	1	
3	00663116400210001	•Main boom wire harness	1	
4	1029900040	•Hoisting limit switch weight assy.	2	
5	1021400132	•Wind speed sensor	1	
6	1020400233	•Solar lamp	1	
7	1021402308	•Hoisting limit switch	2	
8	1020700275	•Socket	1	
9	1020701939	•Socket cover	1	
10	1029804233	•Closed cover	1	
11	00663046400220000	•Boom components wiring diagram	1	

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MAIN BOOM WIRE HARNESS
D00663116400210001Y



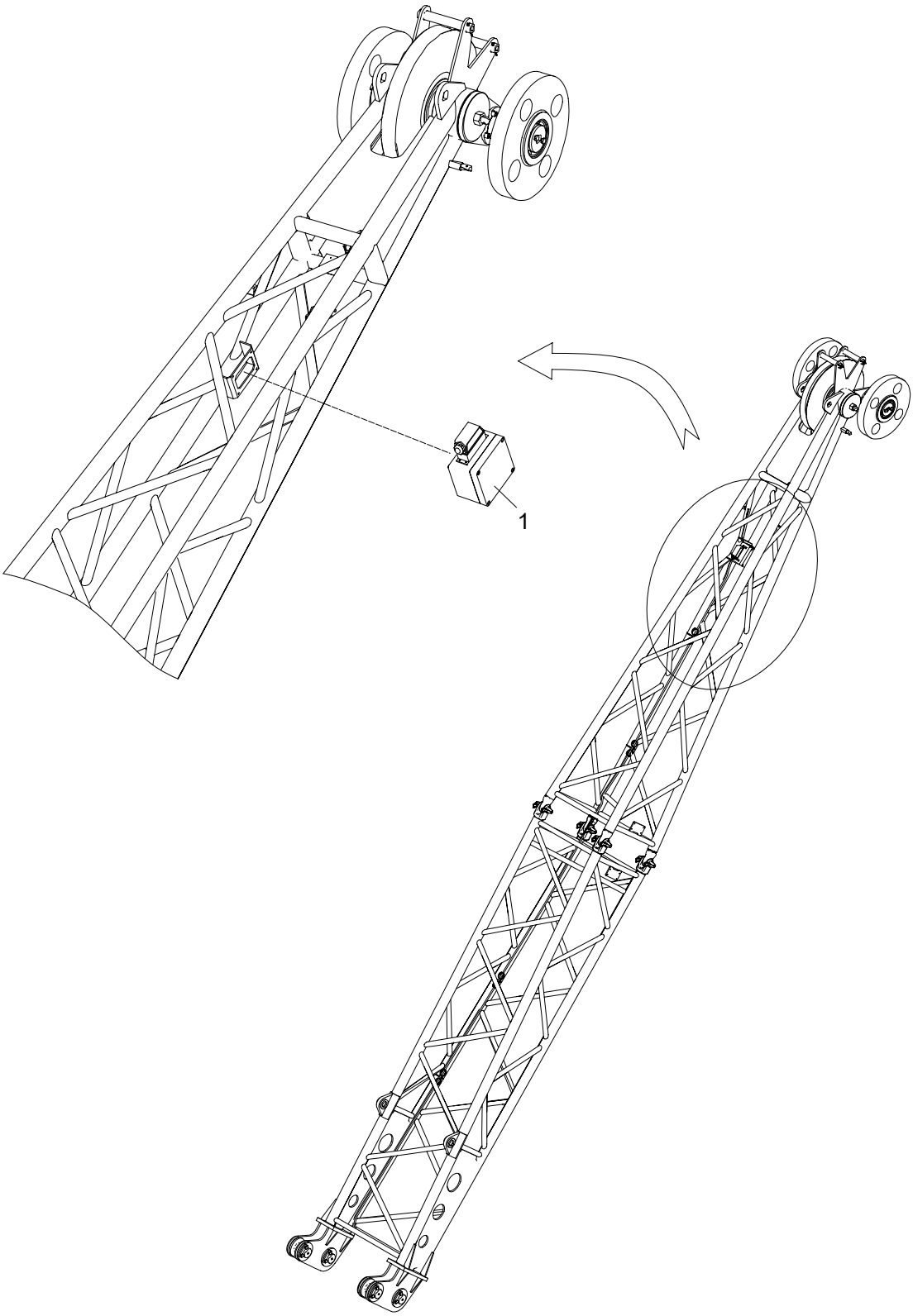
https://truckmanualshub.com/

MAIN BOOM WIRE HARNESS
D00663116400210001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116400210001	Main boom wire harness		
1	1020700270	•Plug	1	
2	1020700272	•Plug cover	1	
3	1020700274	•Plug	2	
4	1020700276	•Plug cover	2	
5	1020700275	•Socket	1	
6	1020700278	•Socket cover	1	
7	1020701315	•Junction box	1	
8	1040100160	•Screw	4	
9	1022305373	•Flexible control cable	1	
10	1022305371	•Flexible control cable	1	
11	1029901507	•Terminal	7	
12	1029901498	•Retaining plate	2	
13	1029901457	•Fixer	2	
14	1140101326	•Terminal	10	
15	1040100619	•Screw	2	
16	1040300060	•Washer	2	
17	1040300048	•Washer	2	
18	1029900219	•Closed cover	1	
19	1029900211	•Water-proof cable joint	4	
20	1029900220	•Metal ring	3	
21	1029900215	•Closed cover	5	
22	1029900210	•Water-proof cable joint	3	
23	1020700310	•Waterproof socket	2	
24	1020700335	•Copper wire QVR	3m	
25	1020700333	•Insulated wire with copper core	3m	
26	1020700336	•Copper wire	2m	
27	1020700978	•Numbered pipe	1.5m	
28	1990200002	•Nylon strap	10	
29	1990200244	•Adhesive plastic insulated tape	1m	
30	1020809446	•Guide rail	1m	
31	00663116400211011	•Indicating plate of main boom junction box	1	

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FIXED JIB ELECTRICS
D00663116400400000Y



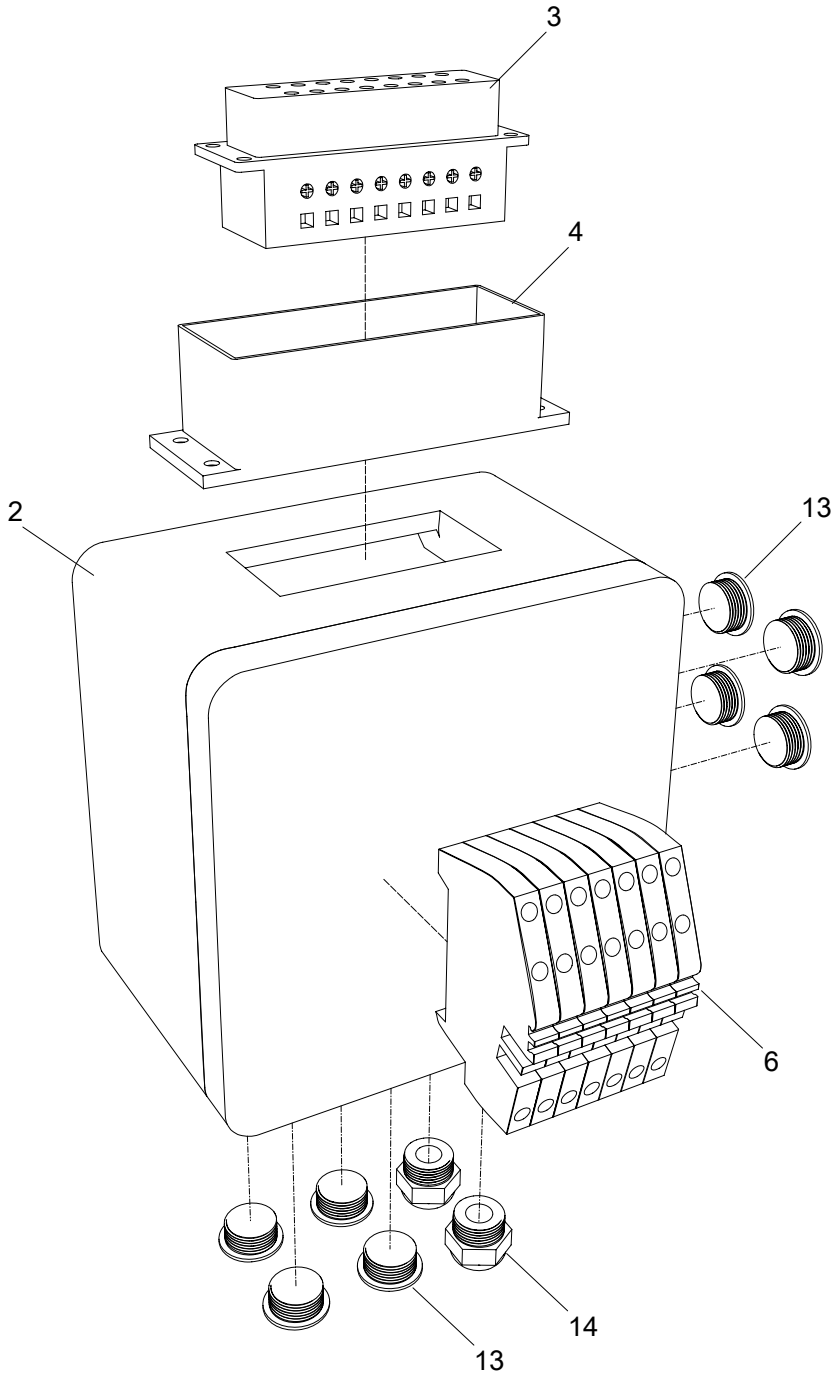
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FIXED JIB ELECTRICS
D00663116400400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116400400000	Fixed jib electrics		
1	00663116400410001	•Wire harness of fixed jib	1	
2	1090100222	•Chain	1	

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WIRE HARNESS OF FIXED JIB
D006631164004100O1Y



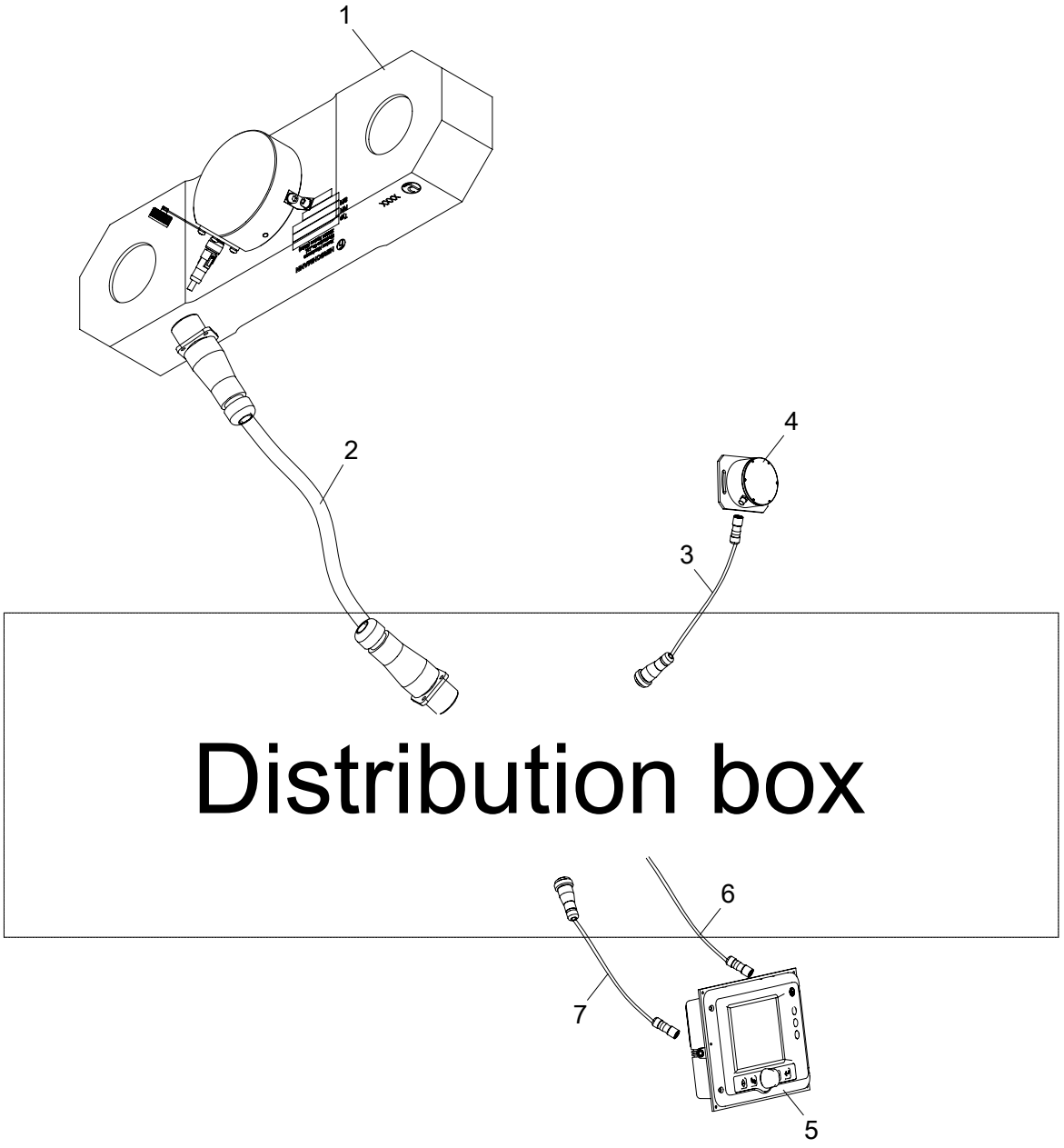
https://truckmanualshub.com/

WIRE HARNESS OF FIXED JIB
D00663116400410001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663116400410001	Wire harness of fixed jib		
1	1140101326	•Terminal	25	
2	1020701316	•Junction box	1	
3	1020700275	•Socket	1	
4	1020700278	•Socket cover	1	
5	1040100160	•Screw	4	
6	1029901507	•Terminal	7	
7	1029901498	•Retaining plate	2	
8	1029901457	•Fixer	2	
9	1020809446	•Guide rail	1	
10	1040100619	•Screw	2	
11	1040300060	•Washer	2	
12	1040300048	•Washer	2	
13	1029900215	•Closed cover	8	
14	1029900210	•Water-proof cable joint	2	
15	1020700310	•Waterproof socket	1	
16	1022305371	•Flexible control cable	2m	
17	1020700336	•Copper wire	1	
18	1020700335	•Copper wire QVR	1	
19	1020700333	•Insulated wire with copper core	1	
20	1020700978	•Numbered pipe	0.5m	
21	1990200002	•Nylon strap	10	
22	1990200244	•Adhesive plastic insulated tape	1m	
23	00663116400411011	•Indicating plate of fixed jib junction box	1	

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LOAD MOMENT LIMITER ASSY
D1021402859_102316Y



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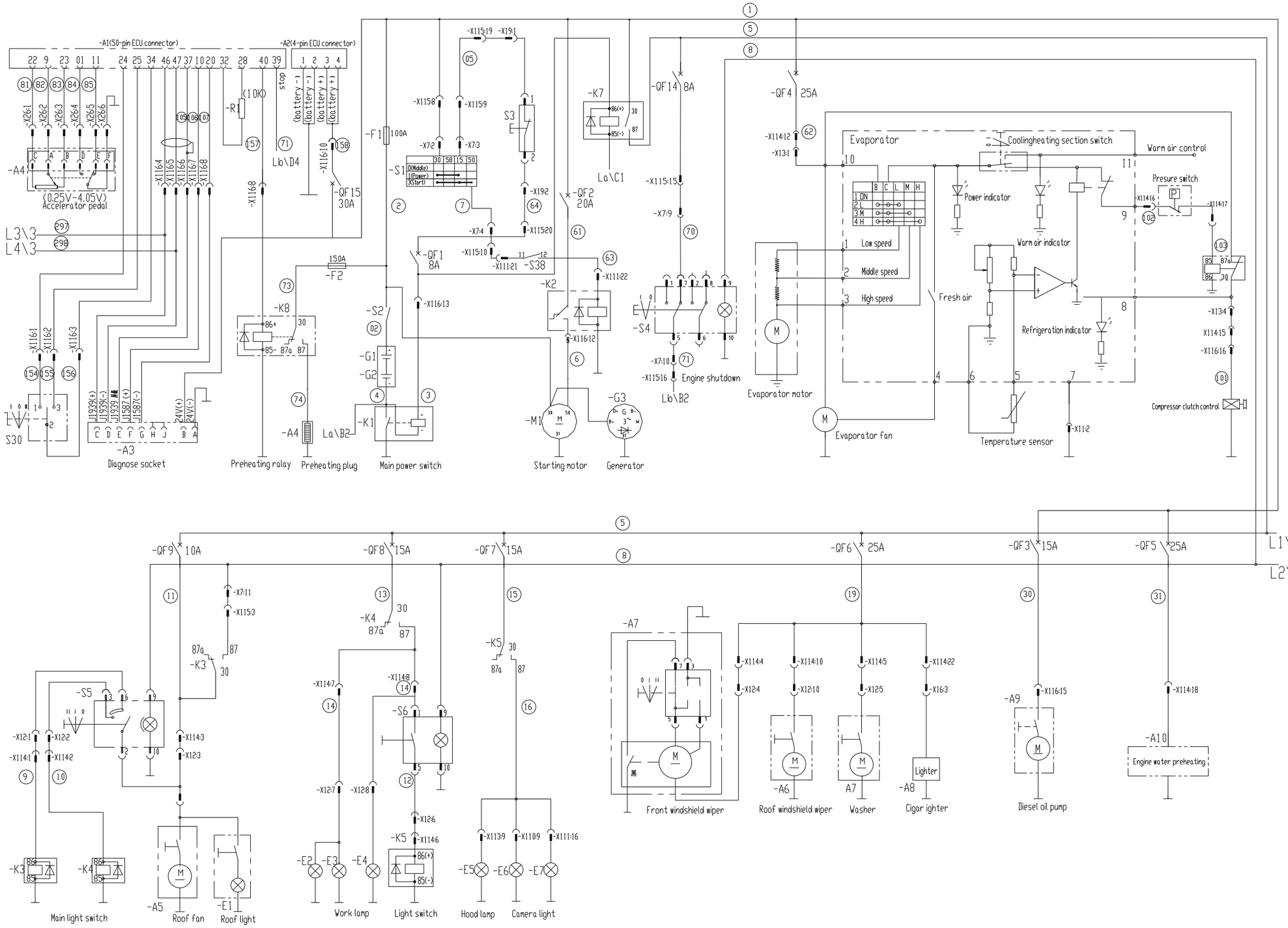
LOAD MOMENT LIMITER ASSY
D1021402859_102316Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1021402859	Load moment limiter assy		
1	1029804786	•Tension force sensor (KMD040)	1	
2	1029804814	•3-core cable assy	1	
3	1029804691	•3-core cable assy.	1	
4	1029804815	•Angle sensor	1	
5	1029804816	•Central unit installation (with transition p late)	1	
6	1029804817	•4-core cable assy.	1	
7	1029804818	•23-core wire harness assy.	1	

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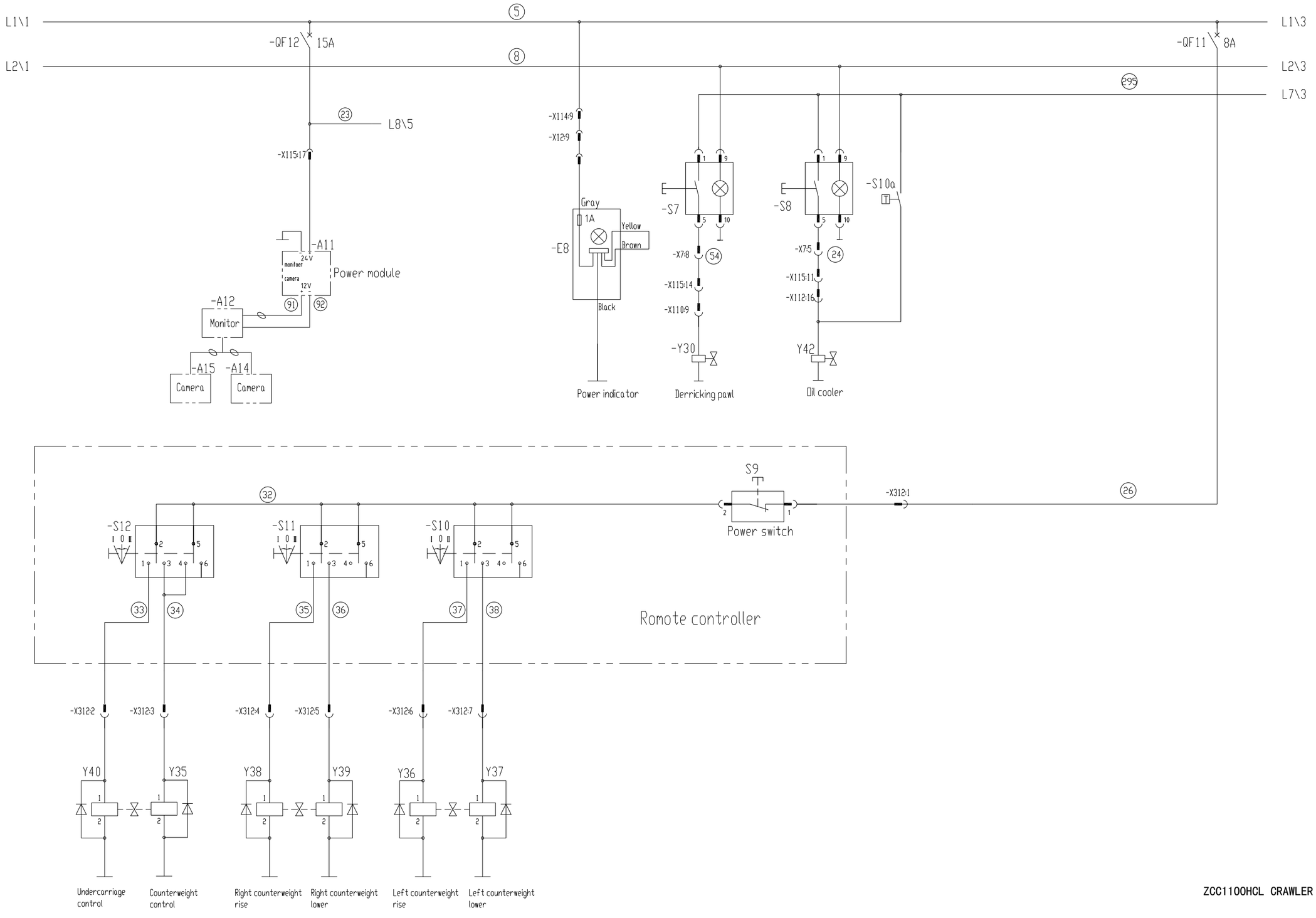
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ELECTRICAL SYSTEM DIAGRAM D00663116100001010Y



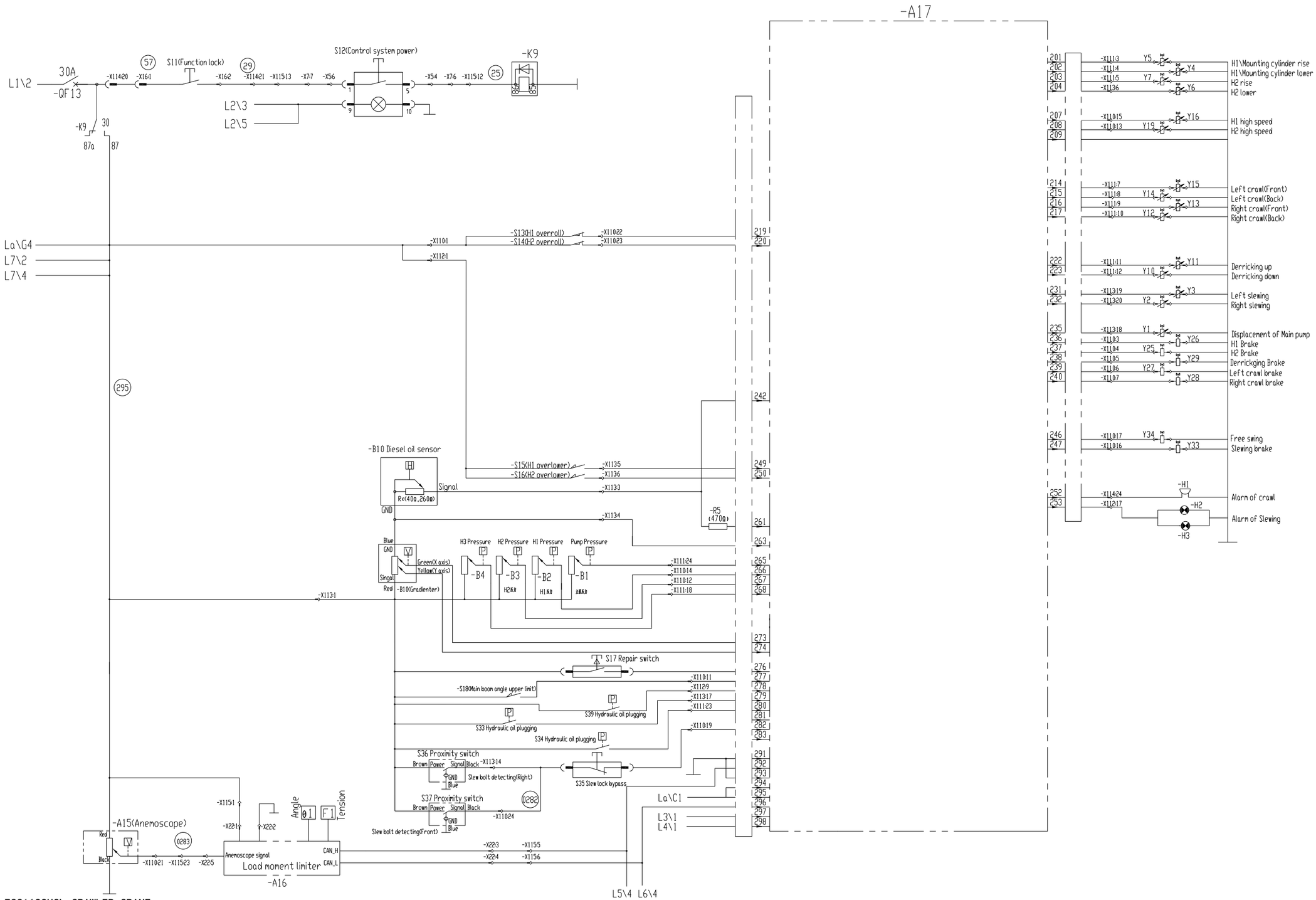
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ELECTRICAL SYSTEM DIAGRAM D00663116100001010Y



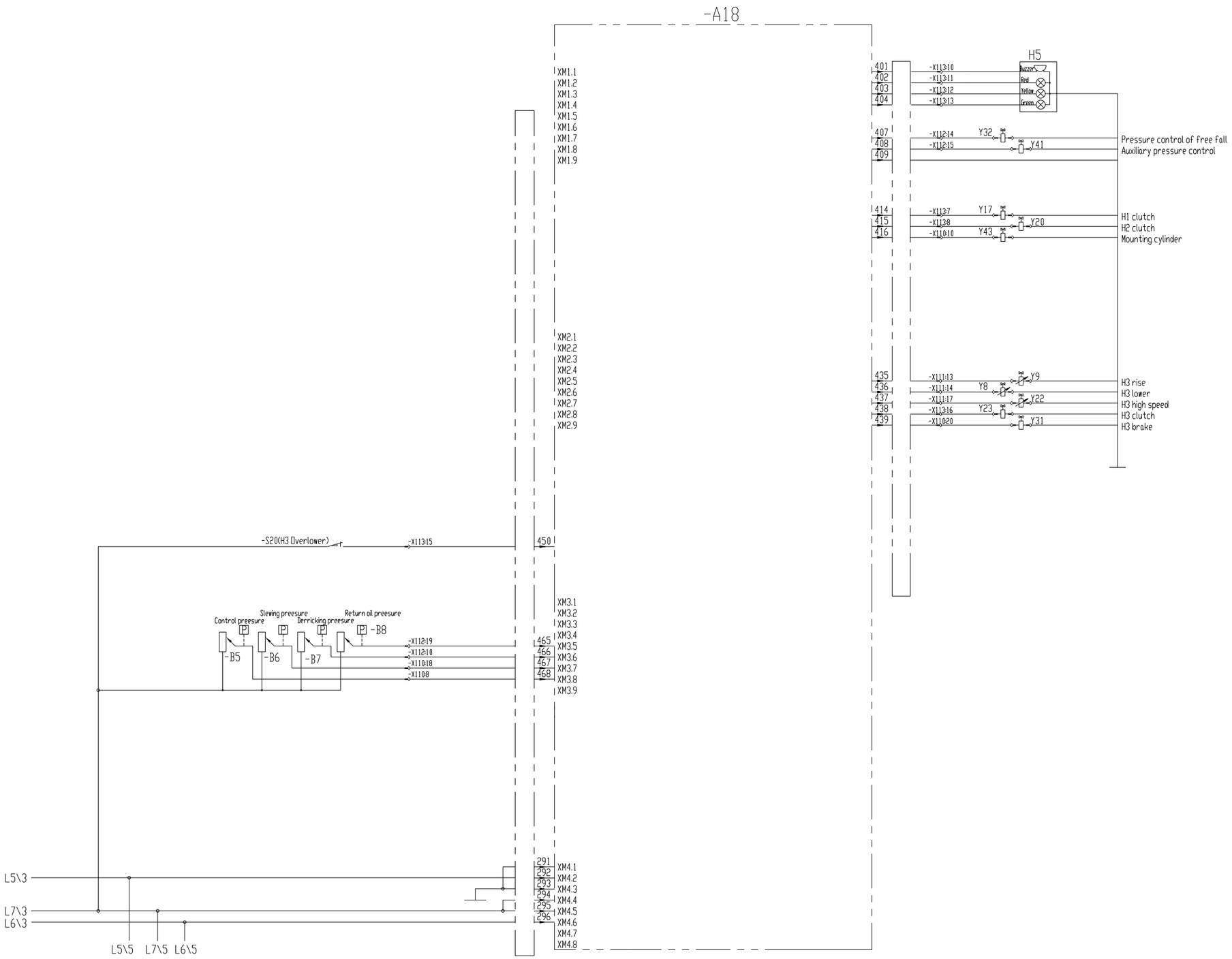
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ELECTRICAL SYSTEM DIAGRAM D00663116100001010Y



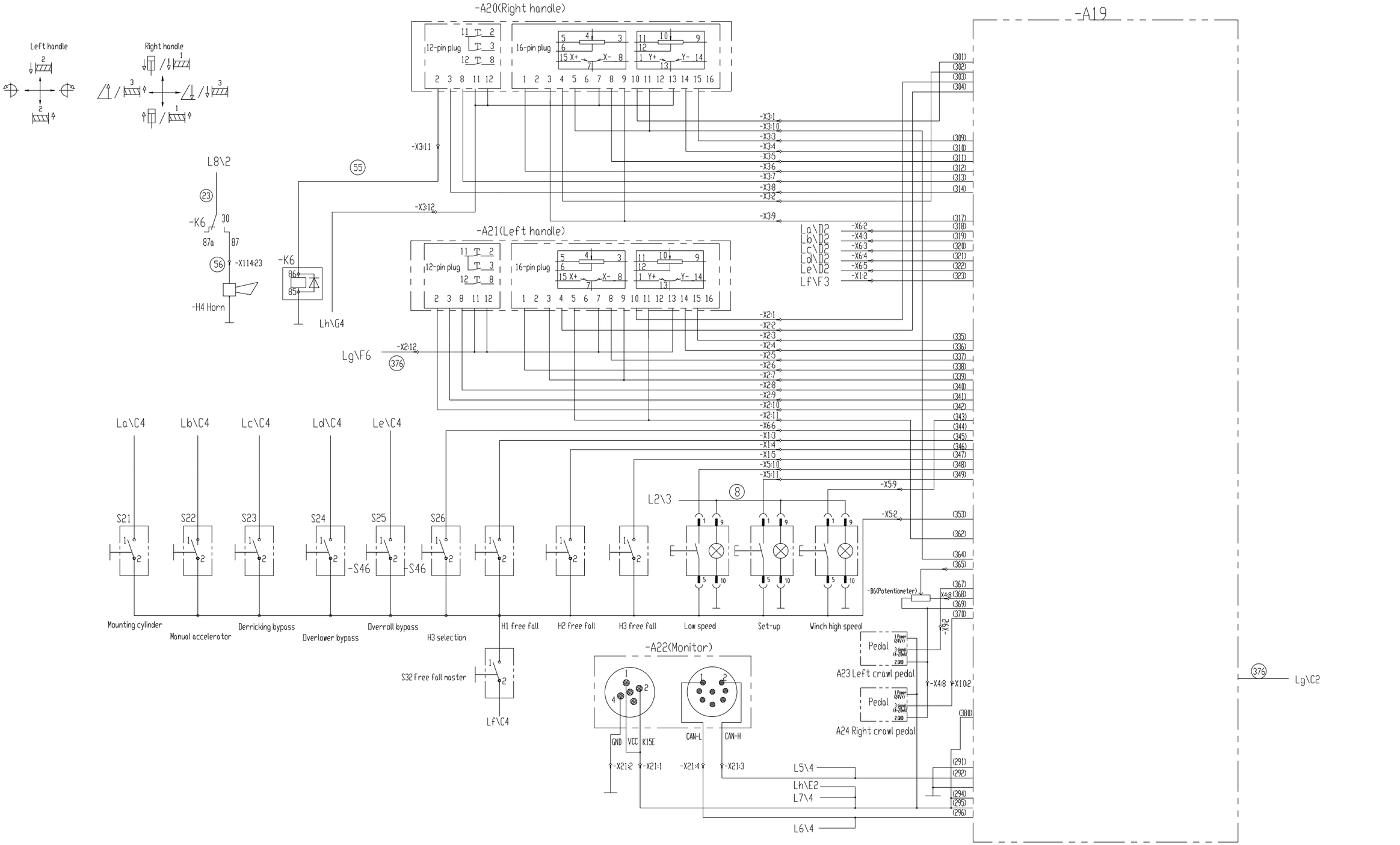
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ELECTRICAL SYSTEM DIAGRAM D00663116100001010Y



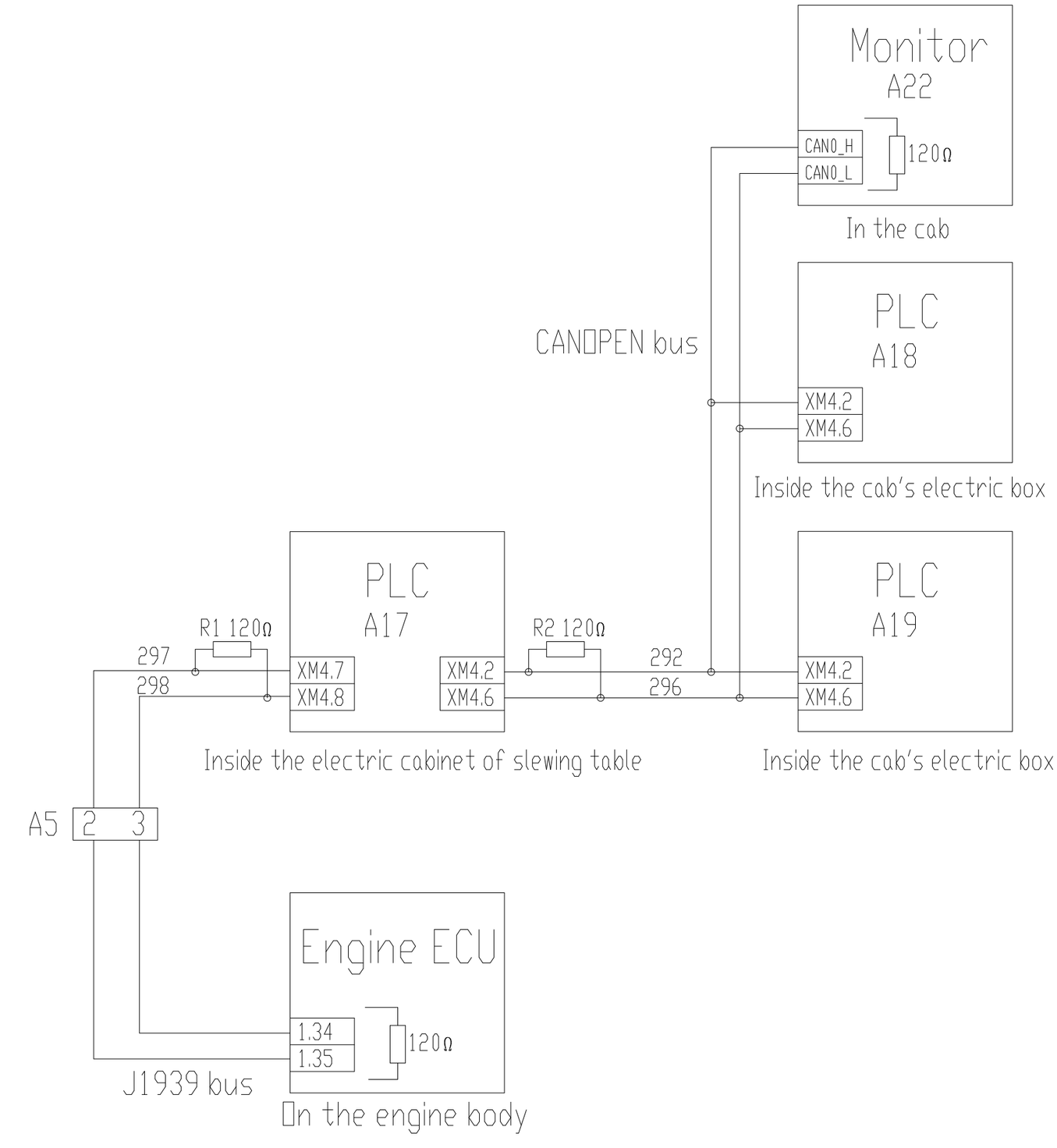
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ELECTRICAL SYSTEM DIAGRAM D00663116100001010Y



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ELECTRICAL SYSTEM DIAGRAM D00663116100001010Y



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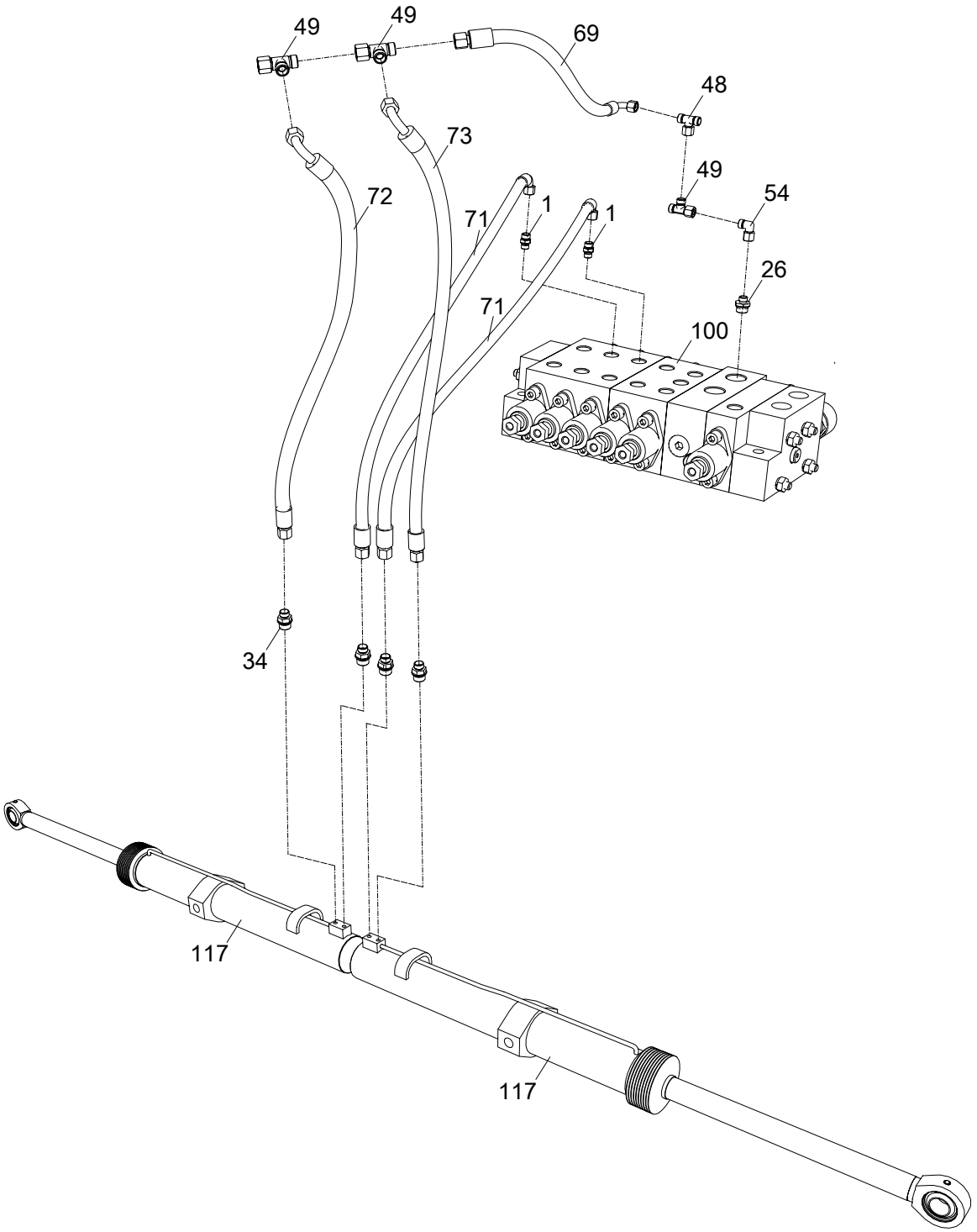
ZOOMLION

SPARE PARTS CATALOG FOR CRAWLER CRANE

CHAPTER 11 HYDRAULIC SYSTEM

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y



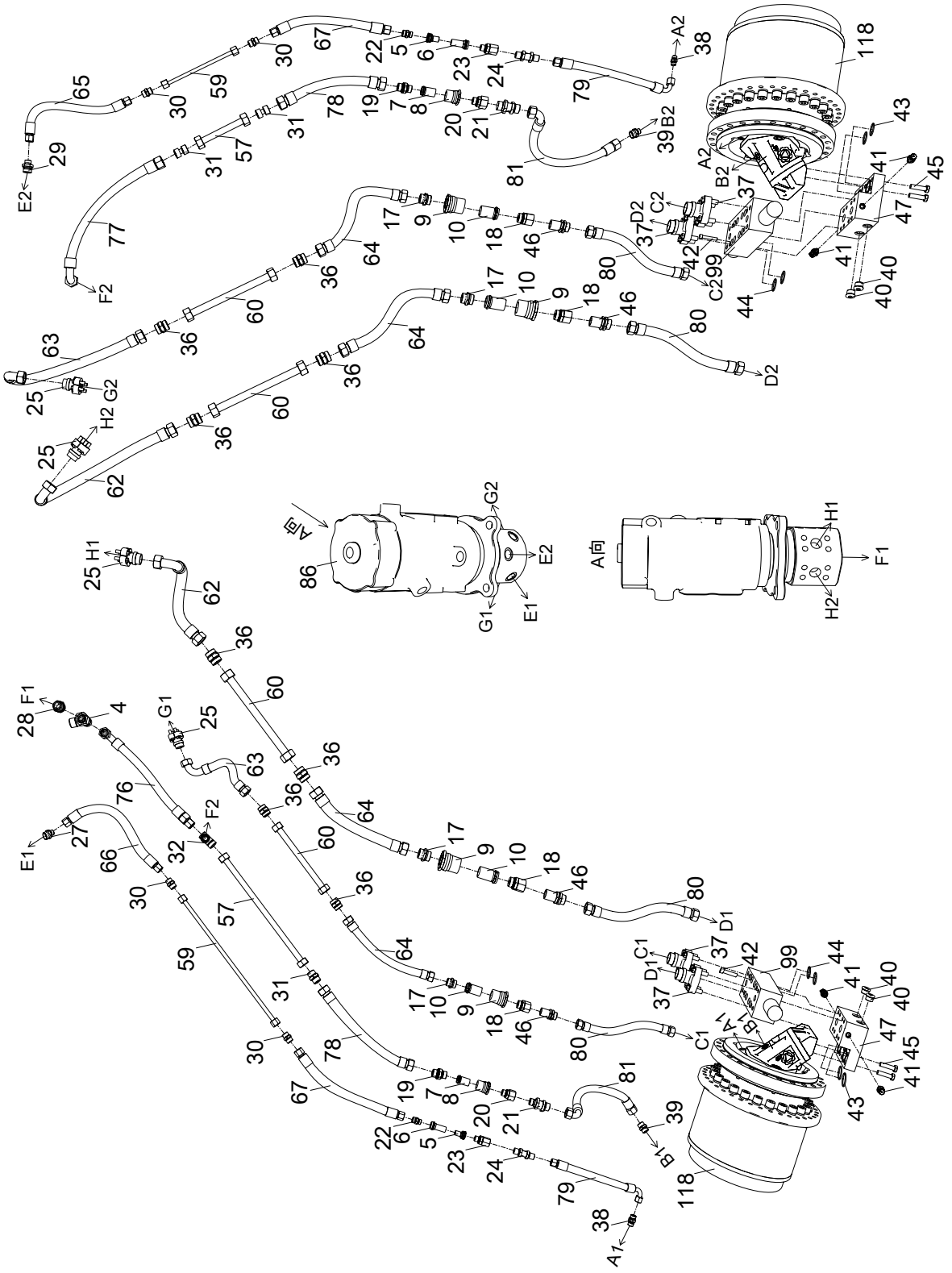
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111700000000	Pipe layout – undercarriage hydraulic system		△
1	1140100692	•Fitting	8	
26	1140101790	•Pipe fitting	1	
34	1140100598	•Fitting	4	
48	1140100649	•Fitting	1	
49	1140100647	•Fitting	3	
54	1140100597	•Fitting	7	
69	1140218484	•Hose assy.	2	
71	1140203041	•Hose assy.	3	
72	1140220545	•Hose assy.	2	
73	1140207151	•Hose assy.	1	
100	1010300307	Undercarriage control valve	1	
117	00663118401600000	Crawler carrier extending & retracting cylin der	2	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y



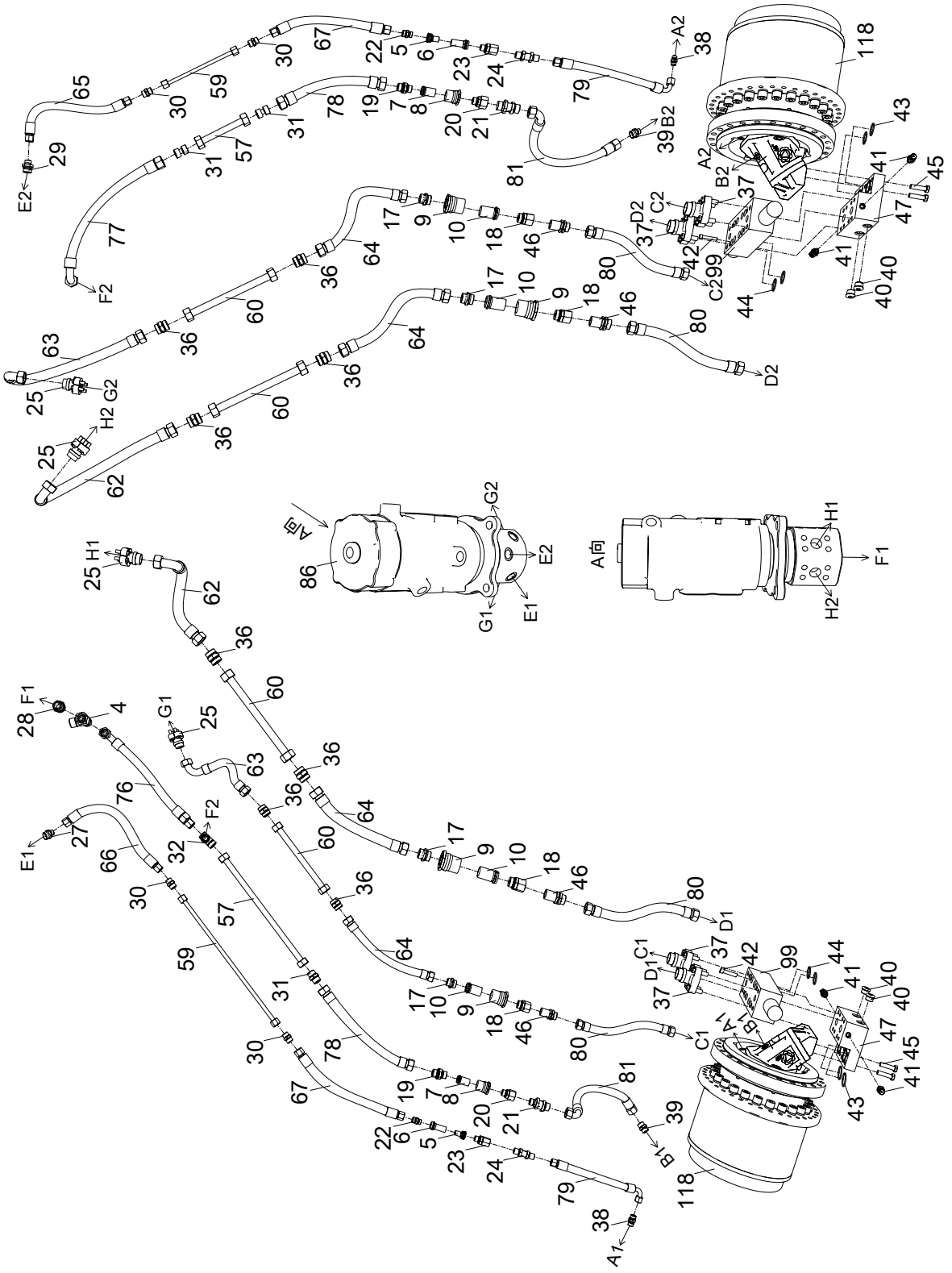
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111700000000	Pipe layout – undercarriage hydraulic system		
4	1140102995	•Fitting	1	
5	1140101253	•Quick-release coupling	10	
6	1140101254	•Quick-release coupling	10	
7	1140101855	•Quick-release coupling	2	
8	1140101854	•Quick-release coupling	2	
9	1140101263	•Quick-release coupling	4	
10	1140101264	•Quick-release coupling	4	
17	1140100571	•Fitting	4	
18	1140100187	•Fitting	4	
19	1140100620	•Fitting	2	
20	1140100448	•Fitting	2	
21	1140100624	•Fitting	2	
22	1140100572	•Fitting	10	
23	1140100158	•Fitting	10	
24	1140100525	•Fitting	10	
25	1140100862	•Flange assembly	4	
27	1140102481	•Pipe fitting	1	
28	1140102153	•Pipe fitting	1	
29	1140102476	•Pipe fitting	1	
30	1140100583	•Fitting	10	
31	1140100623	•Fitting	3	
32	1140100609	•Fitting	1	
36	1140100575	•Fitting	8	
37	1140100863	•Flange assembly	4	
38	1140101002	•Pipe fitting	2	
39	1140101008	•Pipe fitting	2	
40	1140101285	•Blanking plug	4	
41	1140102826	•Pressure testing joint	4	
42	1040100779	•Screw	16	
43	1081000034	•O-ring	4	
44	1081000048	•O-ring	4	
45	1040000579	•Bolt	16	
46	1140100625	•Fitting	4	
47	00663111700001010	•Transition block for traveling balance valve	2	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y



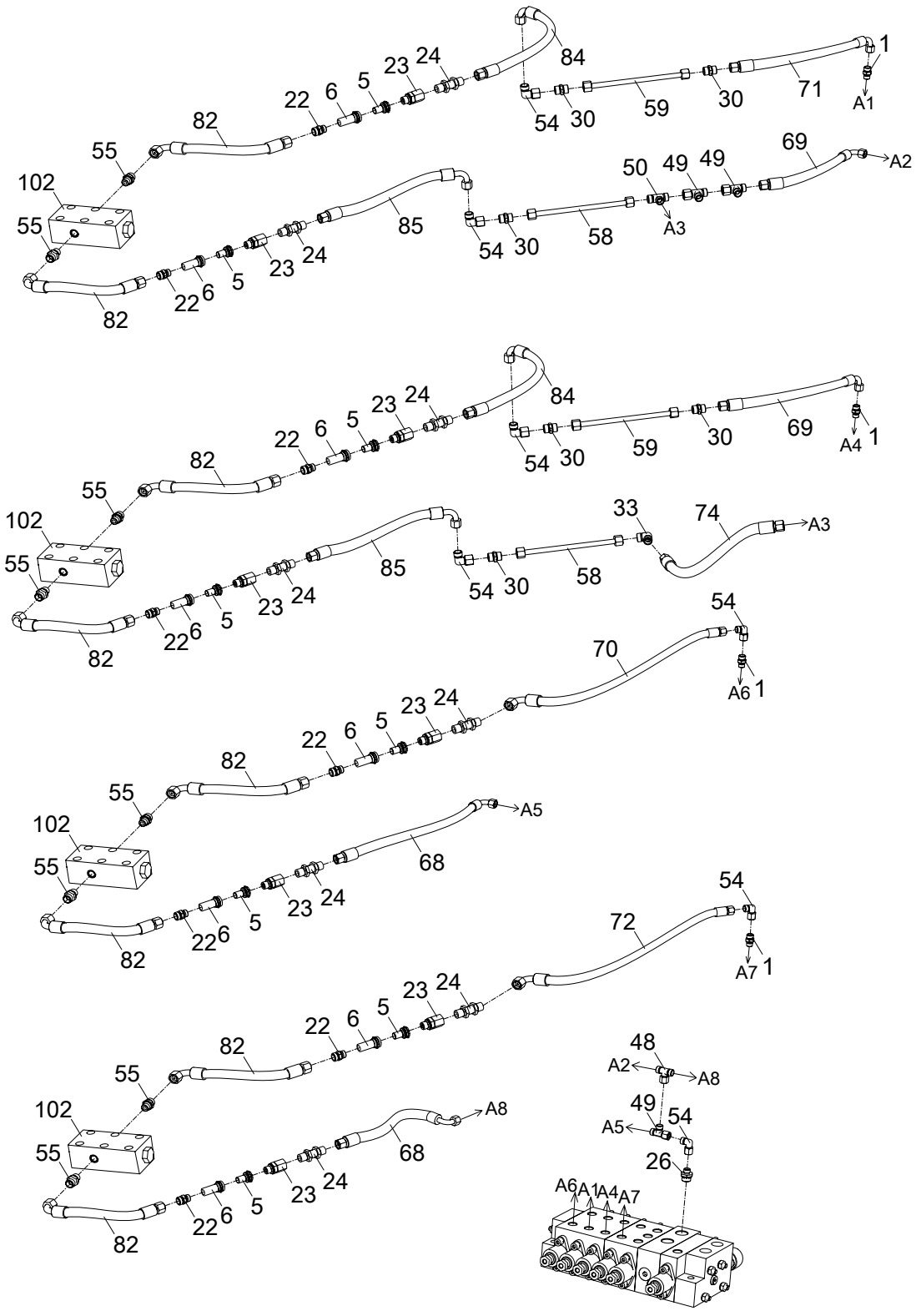
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
57	00663111705020000	•Steel pipe assy.	2	
59	00663111705040000	•Steel pipe assy.	4	
60	00663111705050000	•Steel pipe assy.	4	
62	1140235695	•Hose assy.	2	
63	1140215660	•Hose assy.	2	
64	1140235712	•Hose assy.	4	
65	1140206297	•Hose assy.	1	
66	1140201472	•Hose assy.	1	
67	1140235717	•Hose assy.	2	
76	1140220419	•Hose assy.	1	
77	1140208807	•Hose assy.	1	
78	1140235710	•Hose assy.	2	
79	1140203584	•Hose assy.	2	
80	1140235713	•Hose assy.	4	
81	1140220421	•Hose assy.	2	
86	1011200029	•Central revolving joint	1	
99	1010300066	•Traveling brake valve	2	
118	00660512400600000	Traveling reducer + motor	2	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y



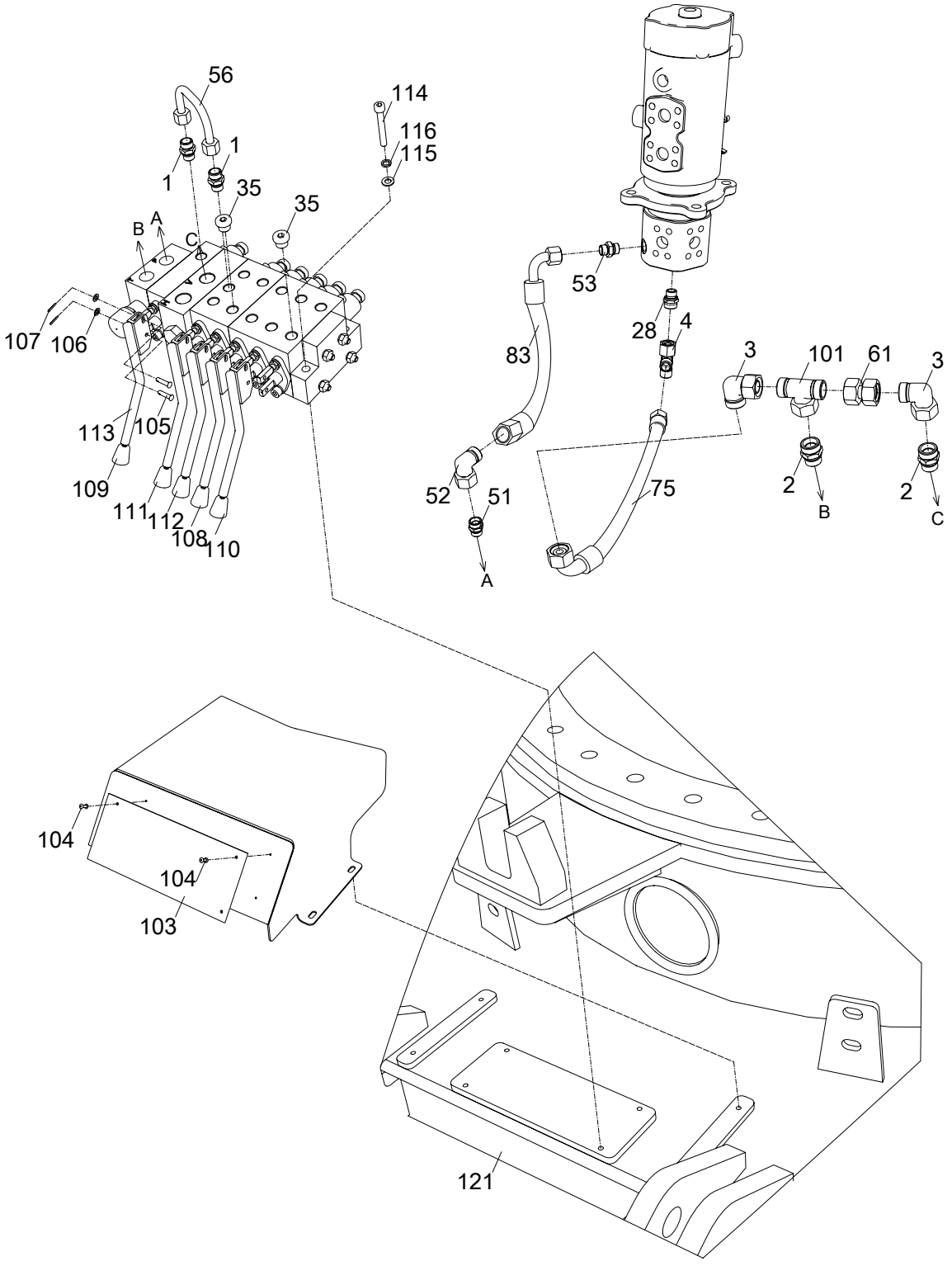
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111700000000	Pipe layout – undercarriage hydraulic system		
1	1140100692	•Fitting	8	
5	1140101253	•Quick-release coupling	10	
6	1140101254	•Quick-release coupling	10	
22	1140100572	•Fitting	10	
23	1140100158	•Fitting	10	
24	1140100525	•Fitting	10	
26	1140101790	•Pipe fitting	1	
30	1140100583	•Fitting	10	
33	1140100596	•Fitting	1	
48	1140100649	•Fitting	1	
49	1140100647	•Fitting	3	
50	1140100526	•Fitting	1	
54	1140100597	•Fitting	7	
55	1140101003	•Pipe fitting	8	
58	00663111705030000	•Steel pipe assy.	2	
59	00663111705040000	•Steel pipe assy.	4	
68	1140207150	•Hose assy.	2	
69	1140218484	•Hose assy.	2	
70	1140201455	•Hose assy.	1	
71	1140203041	•Hose assy.	3	
72	1140220545	•Hose assy.	2	
74	1140201751	•Hose assy.	1	
82	1140217002	•Hose assy.	8	
84	1140214291	•Hose assy.	2	
85	1140201582	•Hose assy.	2	
102	1010300280	•Two-way hydraulic lock	4	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y



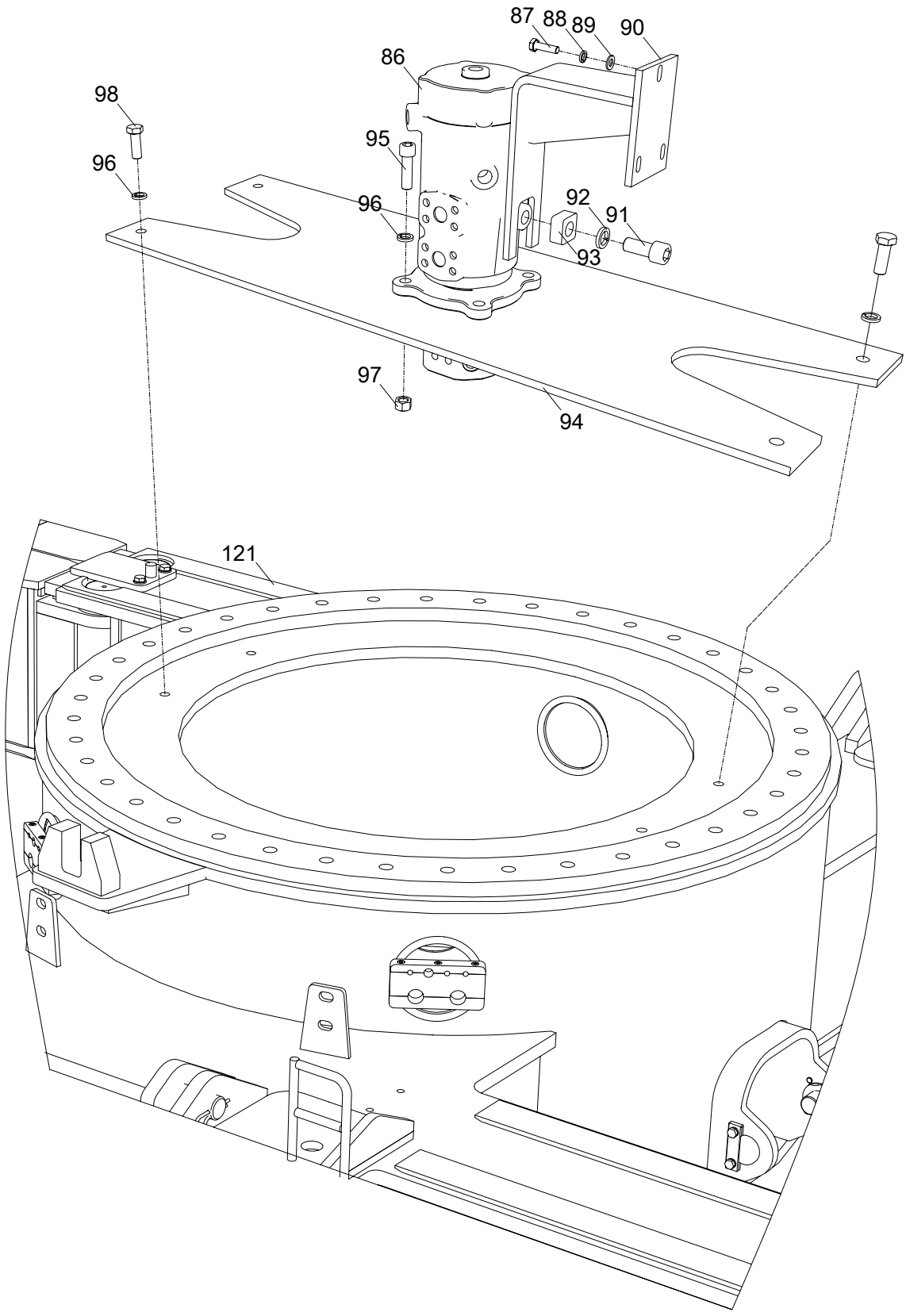
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111700000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111700000000	Pipe layout – undercarriage hydraulic system		
1	1140100692	•Fitting	8	
2	1140100591	•Fitting	2	
3	1140100633	•Fitting	2	
4	1140102995	•Fitting	1	
28	1140102153	•Pipe fitting	1	
35	1140101313	•Blanking plug	2	
51	1140100695	•Fitting	1	
52	1140100587	•Fitting	1	
53	1140100618	•Fitting	1	
56	00663111705000000	•Steel pipe assy.	1	
61	00663111705010000	•Steel pipe assy.	1	
75	1140215332	•Hose assy.	1	
83	1140221269	•Hose assy.	1	
101	1140100428	•Fitting	1	
103	00663114801801010	•Indicating plate of undercarriage control va lve	1	
104	1040400038	•Rivet	4	
105	1040500055	•Pin spindle	10	
106	1040300048	•Washer	10	
107	1040500056	•Pin	10	
108	1031700006	•Control lever sleeve	1	
109	1031700008	•Control lever sleeve	1	
110	1031700004	•Control lever sleeve	1	
111	1031700005	•Control lever sleeve	1	
112	1031700007	•Control lever sleeve	1	
113	00663114801810000	•Control lever	5	
114	1040100060	•Screw	3	
115	1040300066	•Washer	3	
116	1040300063	•Washer	3	
121	00663112800000000	Undercarriage central section assy.	1	

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CENTRAL REVOLVING JOINT INSTALLATION D00663004811600000Y



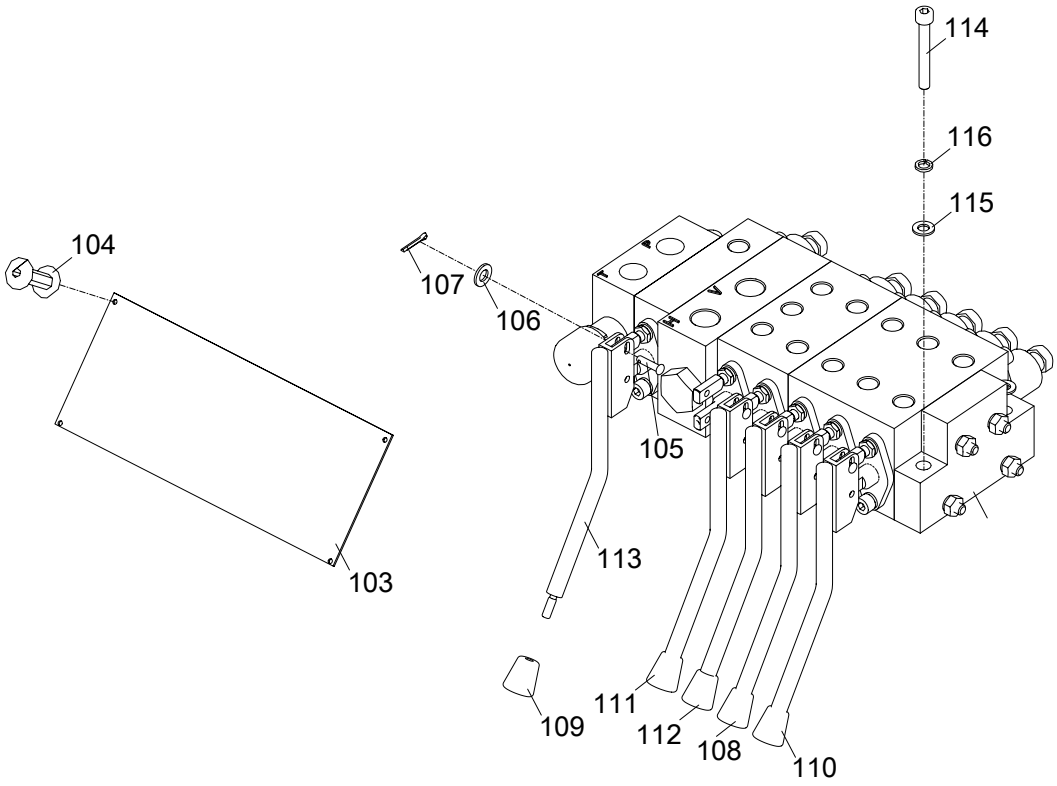
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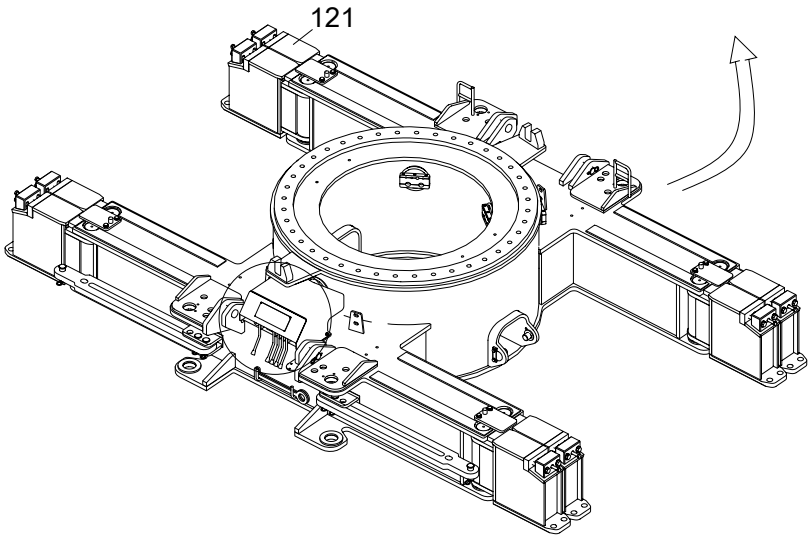
CENTRAL REVOLVING JOINT INSTALLATION D00663004811600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111700000000	Pipe layout – undercarriage hydraulic system		
86	1011200029	•Central revolving joint	1	
87	1040000122	•Bolt	3	
88	1040300067	•Washer	3	
89	1040300061	•Seal ring	3	
90	00663004811610000	•Support	1	
91	1040100396	•Screw	1	
92	1040300038	•Washer	1	
93	00663024801601020	•Cushion block	1	
94	00663024801601010	•Plate	1	
95	1040100382	•Screw	4	
96	1040300065	•Washer	8	
97	1040200685	•Nut	4	
98	1040000140	•Bolt	4	
121	00663112800000000	Undercarriage central section assy.	1	

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UNDERCARRIAGE CONTROL VALVE INSTALLATION D006631148018000000Y





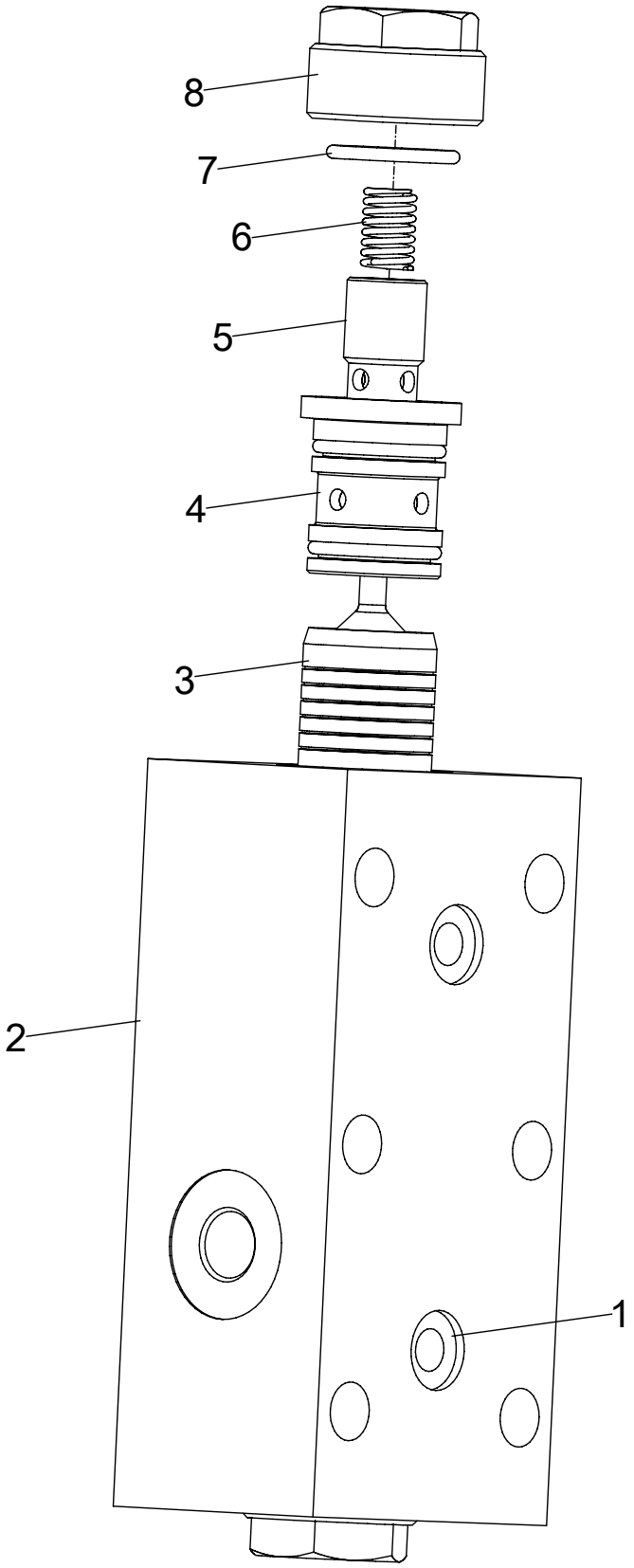
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UNDERCARRIAGE CONTROL VALVE INSTALLATION D00663114801800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111700000000	Pipe layout – undercarriage hydraulic system		
103	00663114801801010	•Indicating plate of undercarriage control valve	1	
104	1040400038	•Rivet	4	
105	1040500055	•Pin spindle	10	
106	1040300048	•Washer	10	
107	1040500056	•Pin	10	
108	1031700006	•Control lever sleeve	1	
109	1031700008	•Control lever sleeve	1	
110	1031700004	•Control lever sleeve	1	
111	1031700005	•Control lever sleeve	1	
112	1031700007	•Control lever sleeve	1	
113	00663114801810000	•Control lever	5	
114	1040100060	•Screw	3	
115	1040300066	•Washer	3	
116	1040300063	•Washer	3	
121	00663112800000000	Undercarriage central section assy.	1	

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TWO-WAY HYDRAULIC LOCK
D1010300280_6500Y



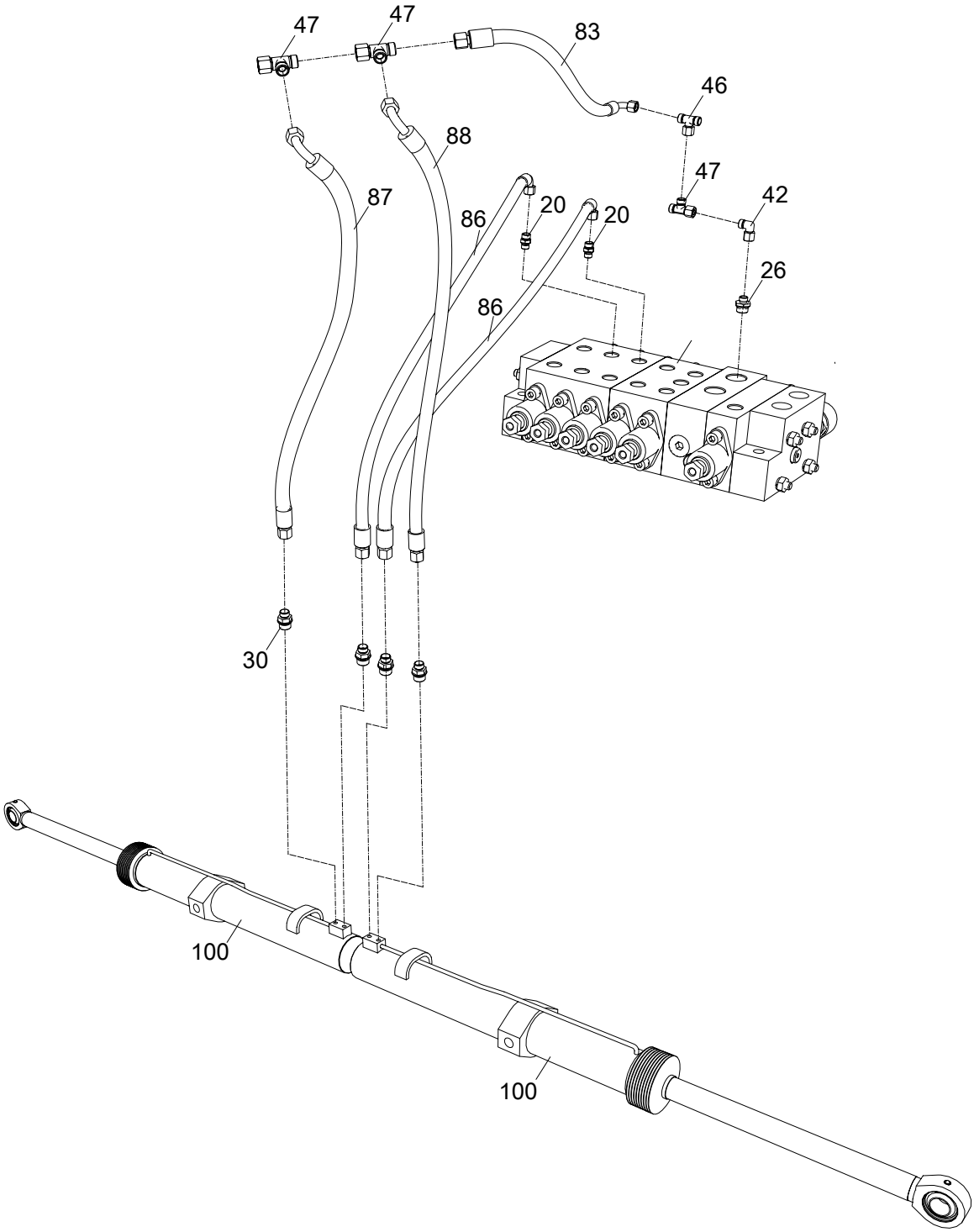
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TWO-WAY HYDRAULIC LOCK
D1010300280_6500Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010300280	Two-way hydraulic lock		
1	1081003543	•O-ring	2	
2	1019804555	•Valve body	1	
3	1019804550	•Plunger	1	
4	1019804544	•Bush	1	
5	1019804545	•Check valve	2	
6	1019804561	•Spring	2	
7	1081001675	•O-ring	6	
8	1019804546	•Plug	2	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y



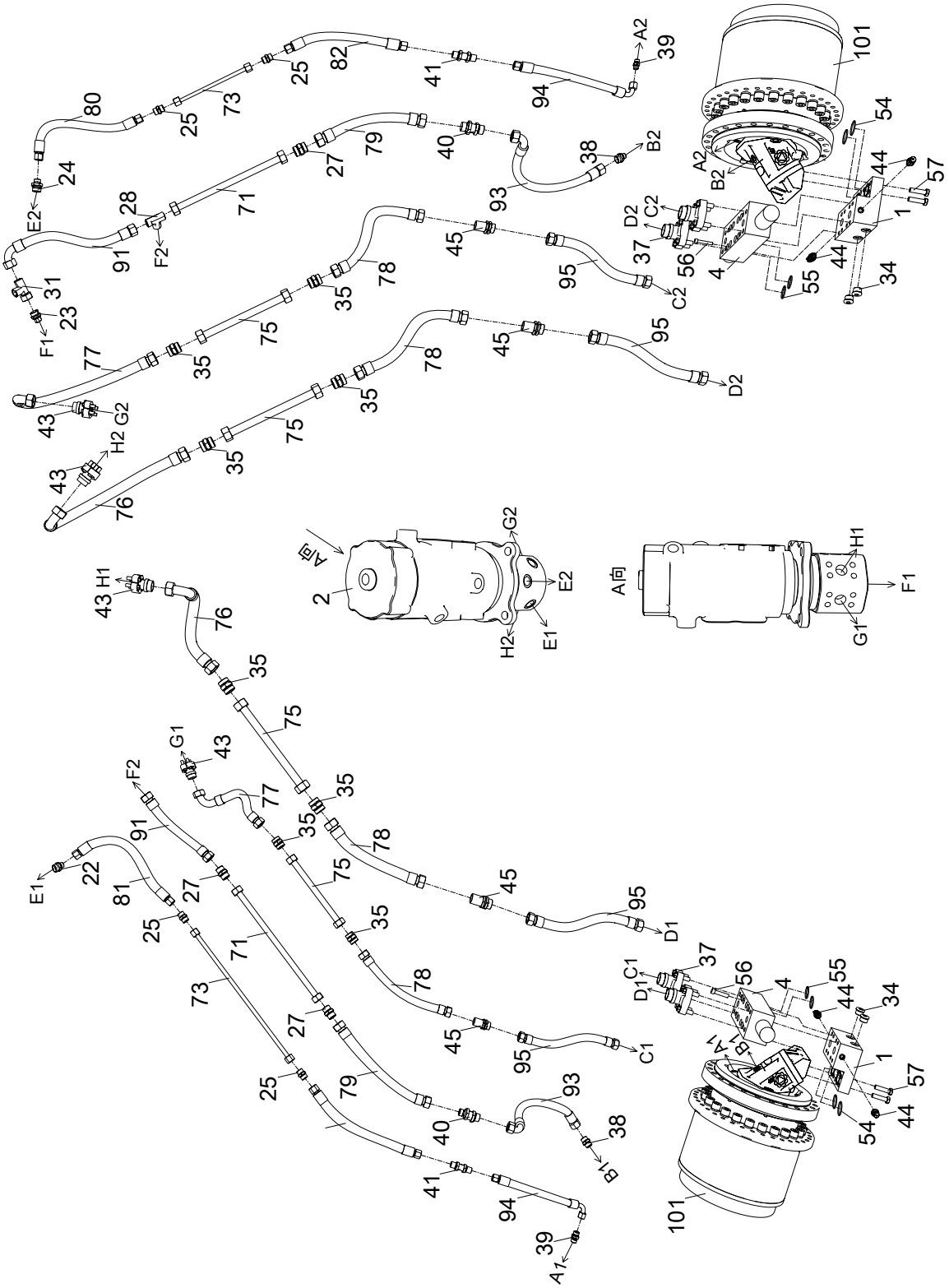
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111710000000	Pipe layout – undercarriage hydraulic system		▲
20	1140100692	•Fitting	8	
26	1140101790	•Pipe fitting	1	
30	1140100598	•Fitting	4	
42	1140100597	•Fitting	7	
46	1140100649	•Fitting	1	
47	1140100647	•Fitting	3	
54	1081000034	•O-ring	4	
55	1081000048	•O-ring	4	
56	1040100779	•Screw	16	
57	1040000579	•Bolt	16	
83	1140218484	•Hose assy.	2	
86	1140203041	•Hose assy.	3	
87	1140220545	•Hose assy.	2	
88	1140207151	•Hose assy.	1	
100	00663118401600000	Crawler carrier extending & retracting cylin der	2	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y



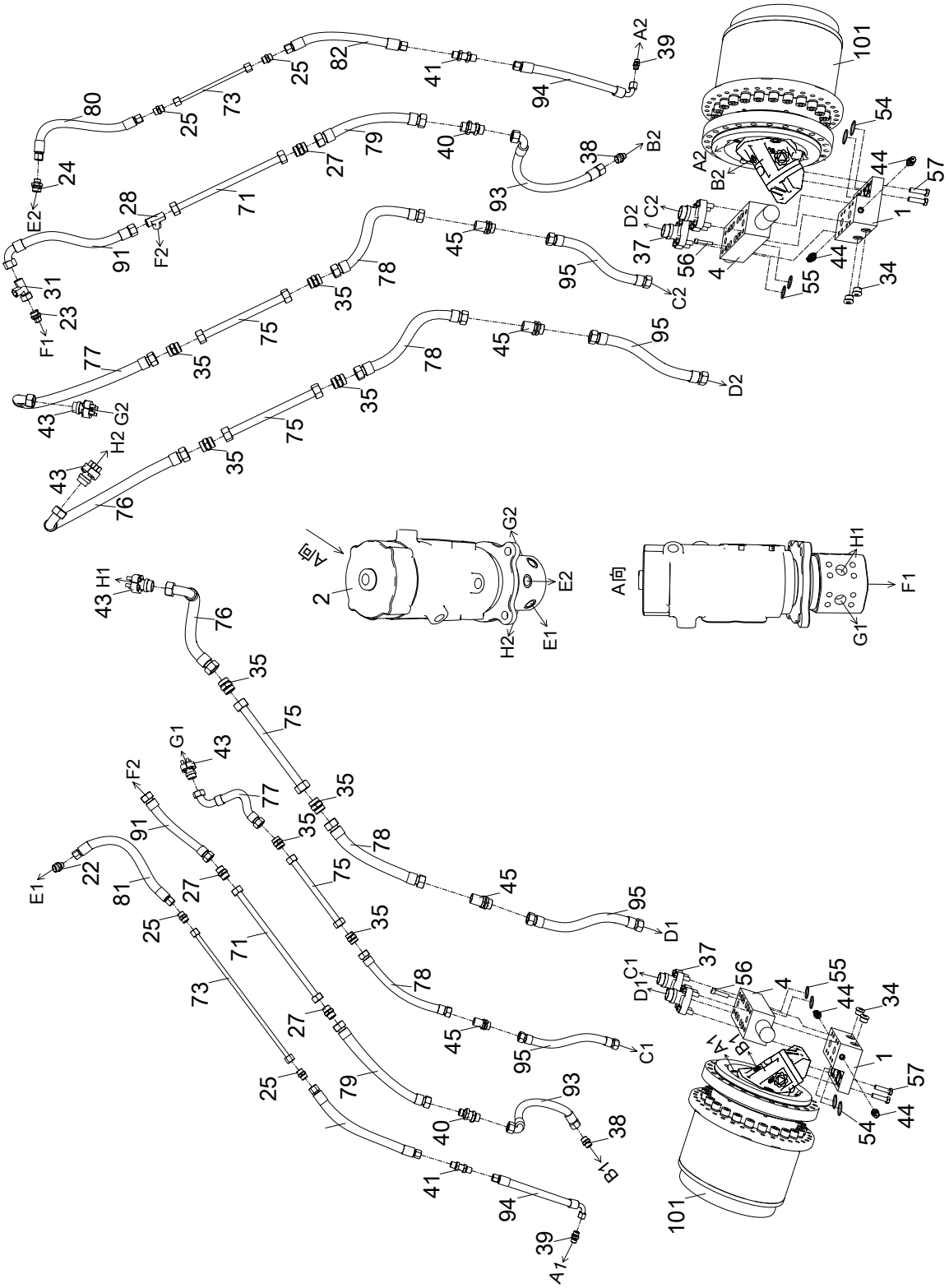
https://truckmanualshub.com/

PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111710000000	Pipe layout – undercarriage hydraulic system		
1	00663111700001010	•Transition block for traveling balance valve	2	
2	1011200029	•Central revolving joint	1	
4	1010300066	•Traveling brake valve	2	
22	1140102481	•Pipe fitting	1	
23	1140102153	•Pipe fitting	1	
24	1140102476	•Pipe fitting	1	
25	1140100583	•Fitting	10	
27	1140100623	•Fitting	3	
28	1140100609	•Fitting	1	
30	1140100598	•Fitting	4	
31	1140102995	•Fitting	1	
34	1140101285	•Blanking plug	4	
35	1140100575	•Fitting	8	
37	1140100863	•Flange assembly	4	
38	1140101008	•Pipe fitting	2	
39	1140101002	•Pipe fitting	2	
40	1140100624	•Fitting	2	
41	1140100525	•Fitting	10	
43	1140100862	•Flange assembly	4	
44	1140102826	•Pressure testing joint	4	
45	1140100625	•Fitting	4	
54	1081000034	•O-ring	4	
55	1081000048	•O-ring	4	
56	1040100779	•Screw	16	
57	1040000579	•Bolt	16	
71	00663111705020000	•Steel pipe assy.	2	
73	00663111705040000	•Steel pipe assy.	4	
75	00663111705050000	•Steel pipe assy.	4	
76	1140235695	•Hose assy.	2	
77	1140215660	•Hose assy.	2	
78	1140221271	•Fitting	4	
79	1140235711	•Fitting	2	
80	1140206297	•Hose assy.	1	
81	1140201472	•Hose assy.	1	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y



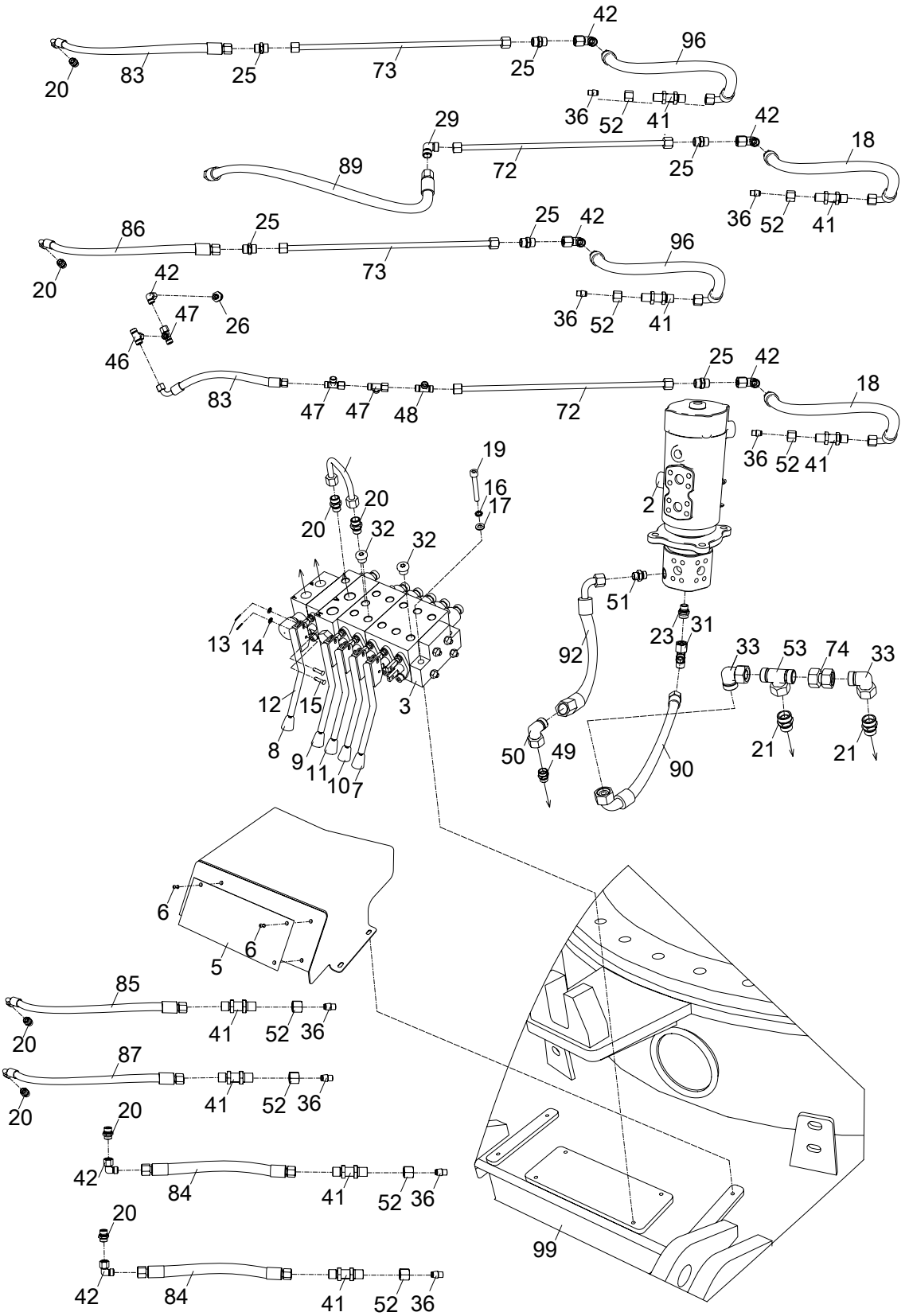
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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
82	1140235718	•Fitting	2	
91	1140220419	•Hose assy.	2	
93	1140220421	•Hose assy.	2	
94	1140203584	•Hose assy.	2	
95	1140235713	•Hose assy.	4	
101	00660512400600000	Traveling reducer + motor	2	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y



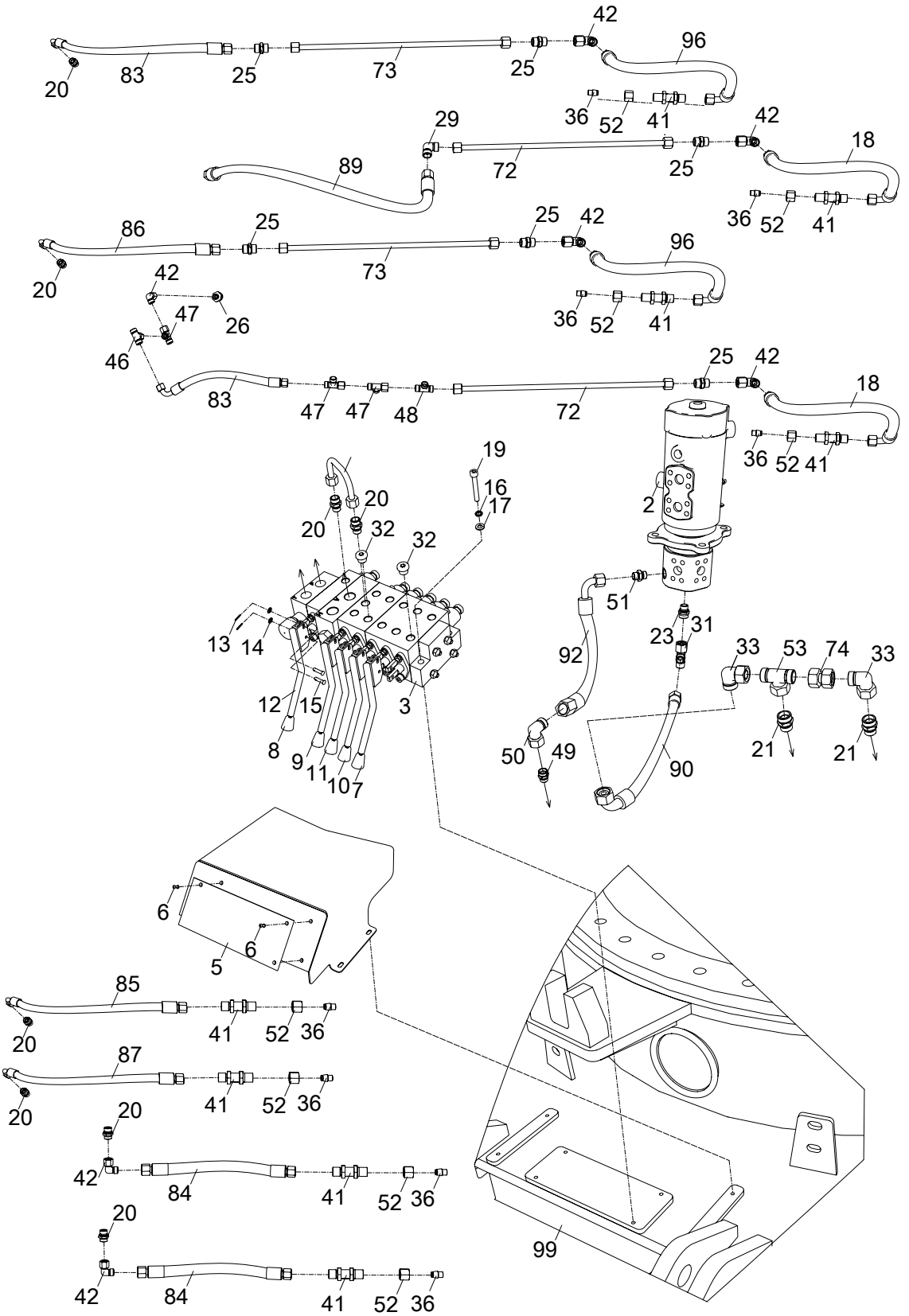
https://truckmanualshub.com/

PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111710000000	Pipe layout – undercarriage hydraulic system		
2	1011200029	•Central revolving joint	1	
3	1010300307	•Undercarriage control valve	1	
5	00663114801801010	•Indicating plate of undercarriage control va lve	1	
6	1040100038	•Screw	4	
7	1031700007	•Control lever sleeve	1	
8	1031700006	•Control lever sleeve	1	
9	1031700008	•Control lever sleeve	1	
10	1031700005	•Control lever sleeve	1	
11	1031700004	•Control lever sleeve	1	
12	00663114801810000	•Control lever	5	
13	1040500056	•Pin	5	
14	1040300048	•Washer	5	
15	1040500055	•Pin spindle	5	
16	1040300063	•Washer	3	
17	1040300066	•Washer	3	
18	1140201582	•Hose assy.	2	
19	1040100060	•Screw	3	
20	1140100692	•Fitting	8	
21	1140100591	•Fitting	2	
23	1140102153	•Pipe fitting	1	
25	1140100583	•Fitting	10	
26	1140101790	•Pipe fitting	1	
29	1140100596	•Fitting	1	
31	1140102995	•Fitting	1	
32	1140101313	•Blanking plug	2	
33	1140100633	•Fitting	2	
36	1140101304	•Blanking plug	8	
41	1140100525	•Fitting	10	
42	1140100597	•Fitting	7	
46	1140100649	•Fitting	1	
47	1140100647	•Fitting	3	
48	1140100526	•Fitting	1	
49	1140100695	•Fitting	1	

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PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y



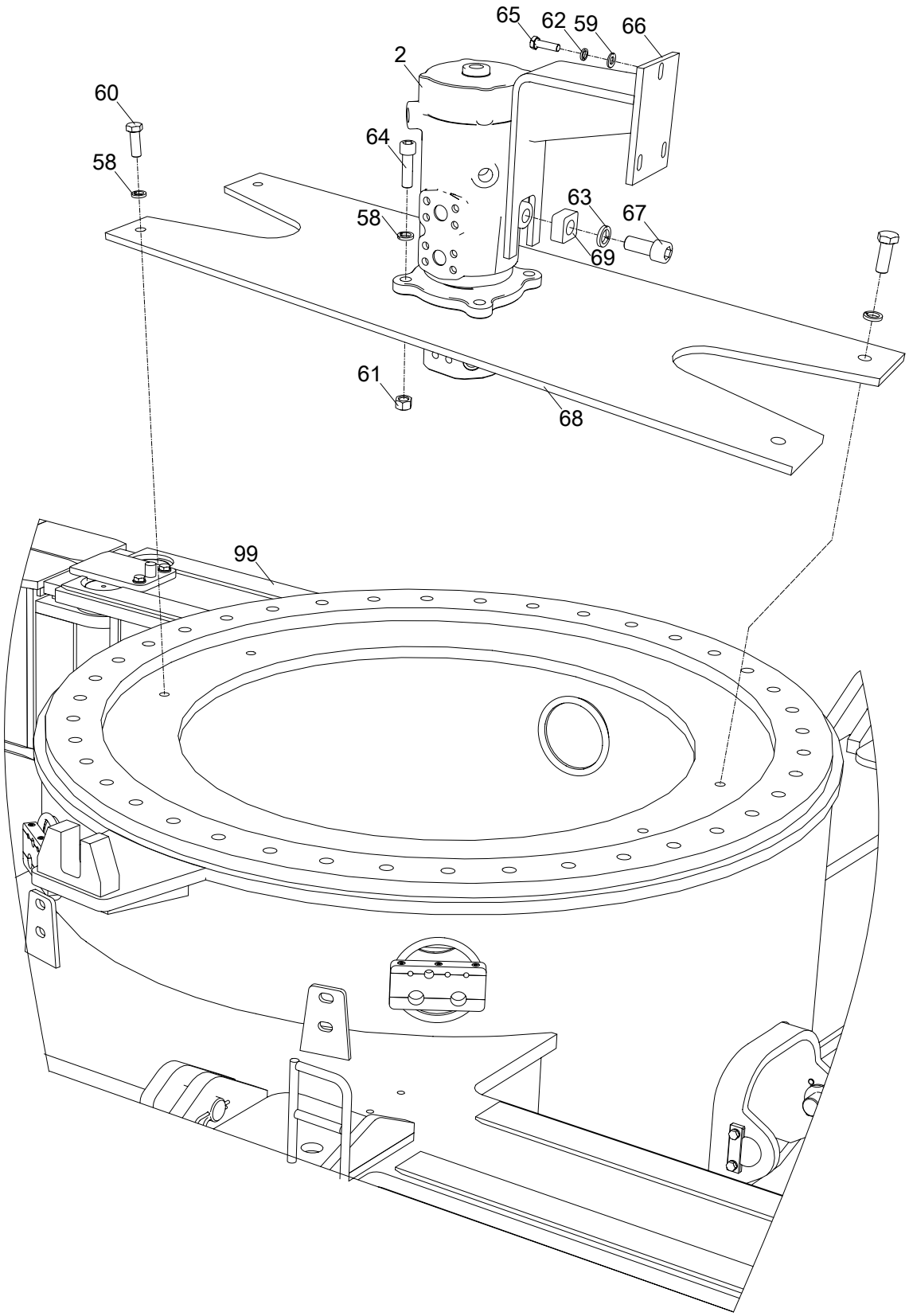
https://truckmanualshub.com/

PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663111710000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
50	1140100587	•Fitting	1	
51	1140100618	•Fitting	1	
52	1040200041	•Nut	8	
53	1140100428	•Fitting	1	
72	00663111705030000	•Steel pipe assy.	2	
73	00663111705040000	•Steel pipe assy.	4	
74	00663111705010000	•Steel pipe assy.	1	
83	1140218484	•Hose assy.	2	
84	1140207150	•Hose assy.	2	
85	1140201455	•Hose assy.	1	
86	1140203041	•Hose assy.	3	
87	1140220545	•Hose assy.	2	
89	1140201751	•Hose assy.	1	
90	1140215332	•Hose assy.	1	
92	1140221269	•Hose assy.	1	
96	1140214291	•Hose assy.	2	
99	00663112800000000	Undercarriage central section assy.	1	

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CENTRAL REVOLVING JOINT INSTALLATION D00663004811600000Y



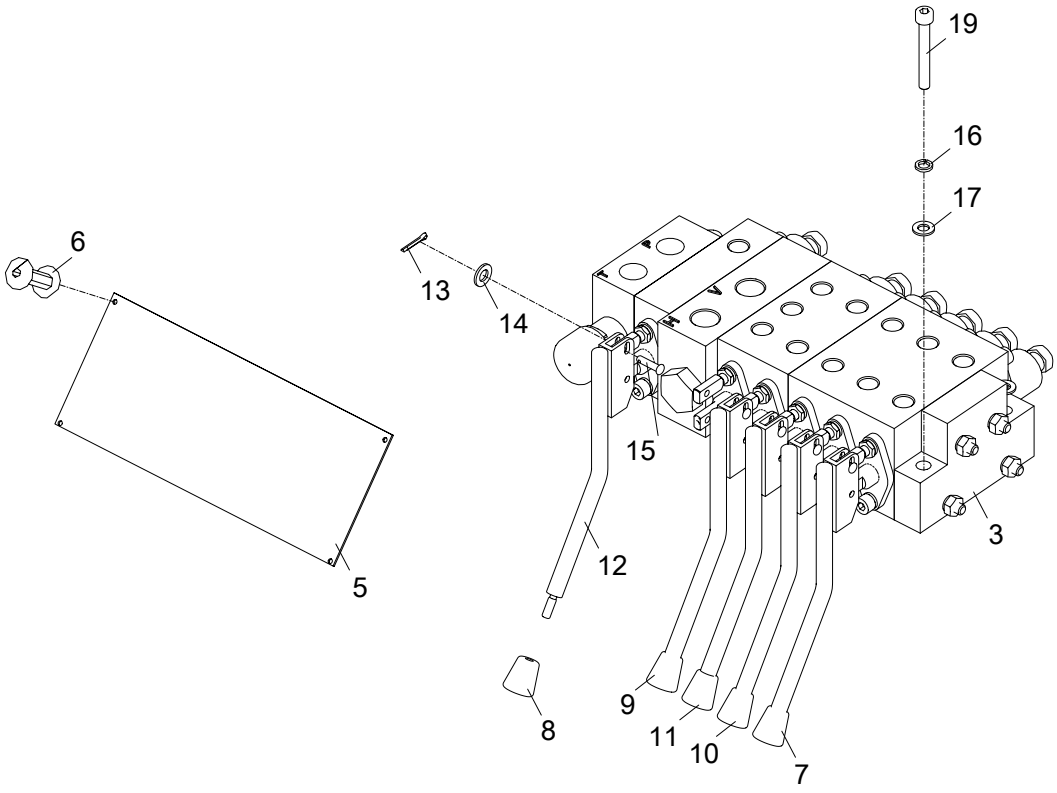
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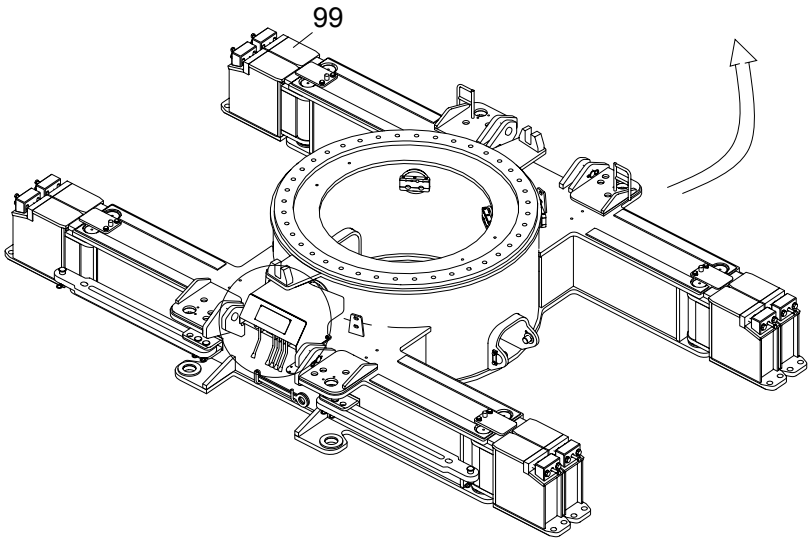
CENTRAL REVOLVING JOINT INSTALLATION D00663004811600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111710000000	Pipe layout – undercarriage hydraulic system		
2	1011200029	•Central revolving joint	1	
58	1040300065	•Washer	8	
59	1040300061	•Washer	3	
60	1040000140	•Bolt	4	
61	1040200685	•Nut	4	
62	1040300067	•Washer	3	
63	1040300038	•Washer	1	
64	1040100382	•Screw	4	
65	1040000122	•Bolt	3	
66	00663004811610000	•Support	1	
67	1040100396	•Screw	1	
68	00663024801601010	•Plate	1	
69	00663024801601020	•Cushion block	1	
99	00663112800000000	Undercarriage central section assy.	1	

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UNDERCARRIAGE CONTROL VALVE INSTALLATION D006631148018000000Y





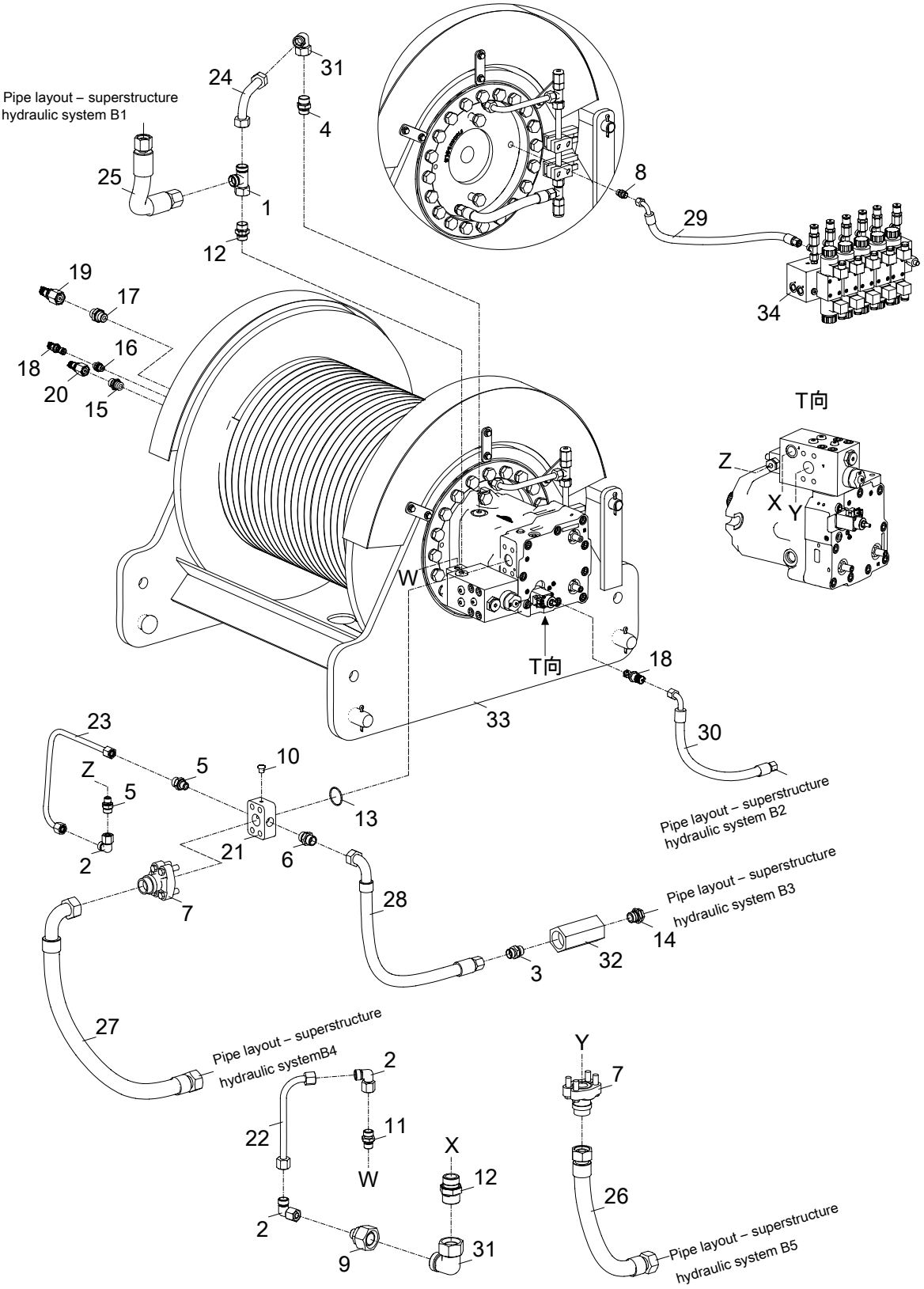
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UNDERCARRIAGE CONTROL VALVE INSTALLATION D00663114801800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111710000000	Pipe layout – undercarriage hydraulic system		
3	1010300307	•Undercarriage control valve	1	
5	00663114801801010	•Indicating plate of undercarriage control va lve	1	
6	1040100038	•Screw	4	
7	1031700007	•Control lever sleeve	1	
8	1031700006	•Control lever sleeve	1	
9	1031700008	•Control lever sleeve	1	
10	1031700005	•Control lever sleeve	1	
11	1031700004	•Control lever sleeve	1	
12	00663114801810000	•Control lever	5	
13	1040500056	•Pin	5	
14	1040300048	•Washer	5	
15	1040500055	•Pin spindle	5	
16	1040300063	•Washer	3	
17	1040300066	•Washer	3	
19	1040100060	•Screw	3	
99	00663112800000000	Undercarriage central section assy.	1	

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PIPE LAYOUT- HOISTING WINCH 1 WITHOUT FREE-FALL FUNCTION D00663113500450000Y



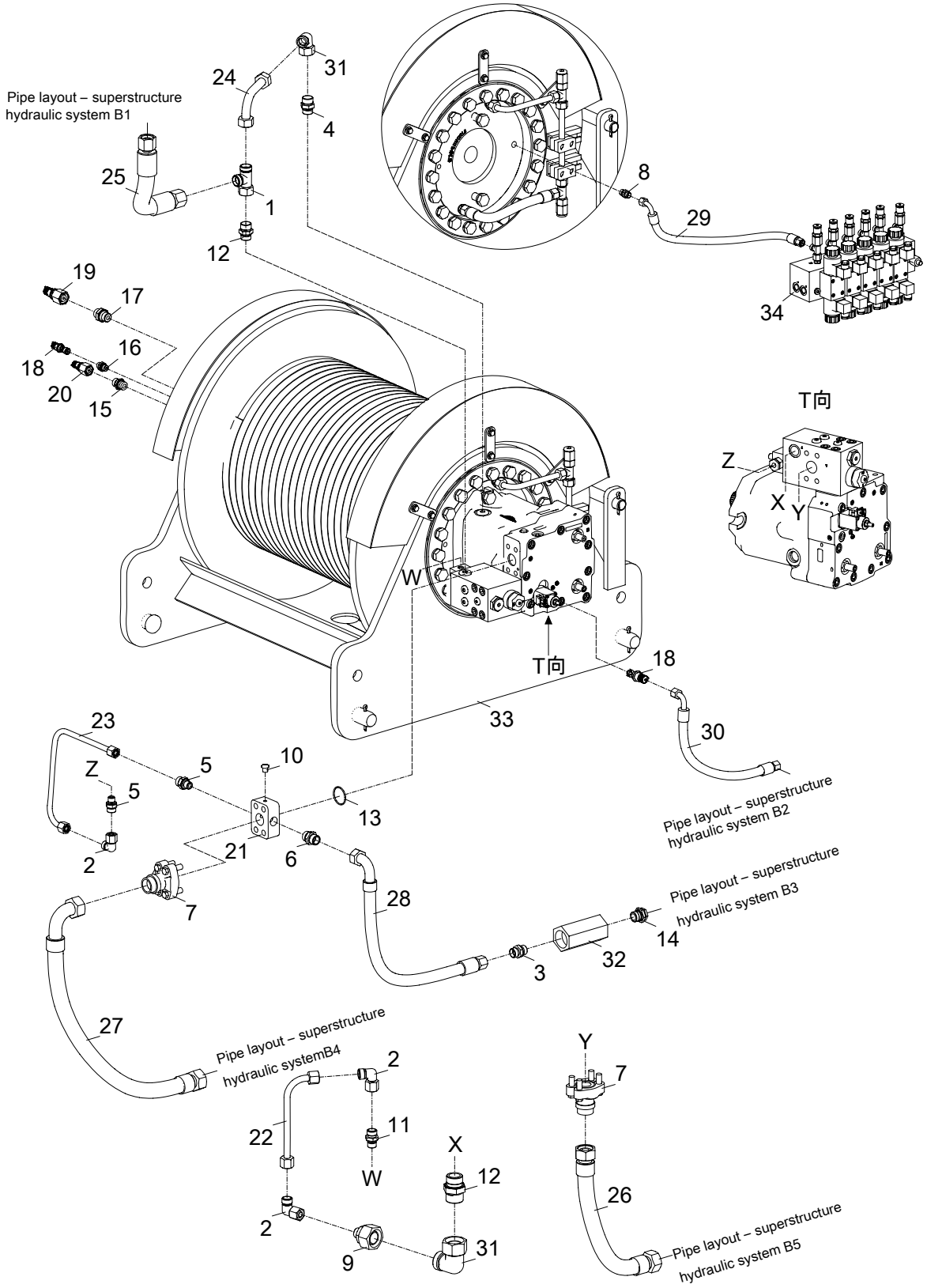
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PIPE LAYOUT- HOISTING WINCH 1 WITHOUT FREE-FALL FUNCTION D00663113500450000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500450000	Pipe layout- hoisting winch 1 without free-f all function		
1	1140100731	•Fitting	1	
2	1140100597	•Fitting	3	
3	1140101011	•Pipe fitting	1	
4	1140100724	•Fitting	1	
5	1140100572	•Fitting	2	
6	1140100577	•Fitting	1	
7	1140100863	•Flange assembly	2	
8	1140101002	•Pipe fitting	1	
9	1140100737	•Fitting	1	
10	1140101283	•Blanking plug	1	
11	1140103255	•Pipe fitting	1	
12	1140100167	•Fitting body	2	
13	1081000060	•O-ring	1	
14	1140100043	•Pipe fitting	1	
15	1140100533	•Fitting body	1	
16	1140101004	•Pipe fitting	1	
17	1140101102	•Pipe fitting	1	
18	1140101221	•Test joint	2	
19	1140101250	•Pressure testing joint	1	
20	1140101222	•Test joint	1	
21	00663113500211010	•Flange fitting	1	
22	00663111605320001	•Steel pipe assy.	1	
23	00663111605230001	•Steel pipe assy.	1	
24	00663111605300001	•Steel pipe assy.	1	
25	1140217091	•Hose assy.	1	
26	1140204735	•Hose assy.	1	
27	1140215660	•Hose assy.	1	
28	1140209038	•Hose assy.	1	
29	1140201877	•Hose assy.	1	
30	1140217108	•Hose assy.	1	
31	1140100616	•Fitting	2	
32	1010300133	•Check valve	1	
33	00663113500400000	Hoisting winch 1	1	

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PIPE LAYOUT- HOISTING WINCH 1 WITHOUT FREE-FALL FUNCTION D00663113500450000Y



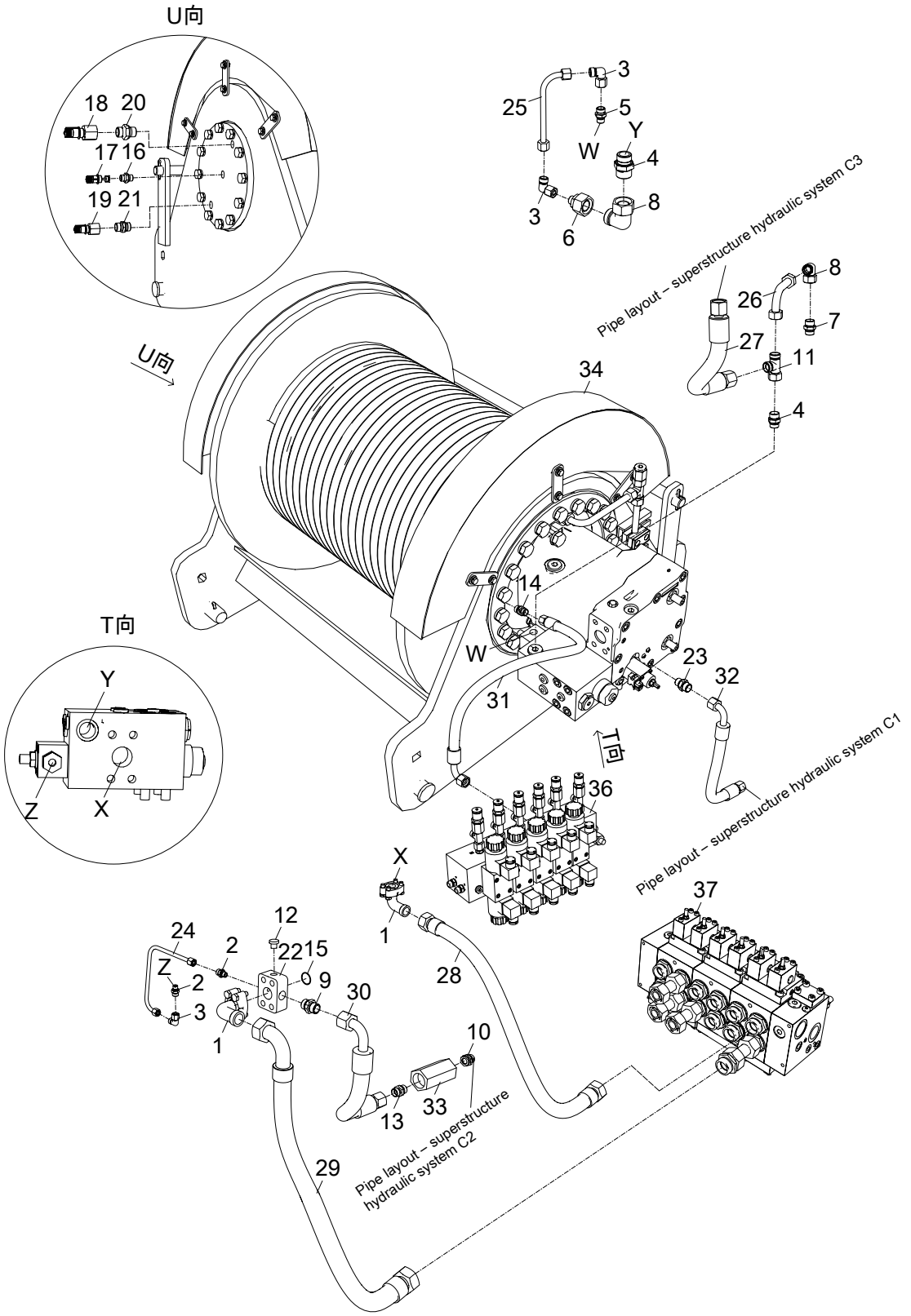
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PIPE LAYOUT- HOISTING WINCH 1 WITHOUT FREE-FALL FUNCTION D00663113500450000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	1010300433	Control valve block I	1	

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PIPE LAYOUT- HOISTING WINCH 2 WITHOUT FREE-FALL FUNCTION D00663113500810000Y



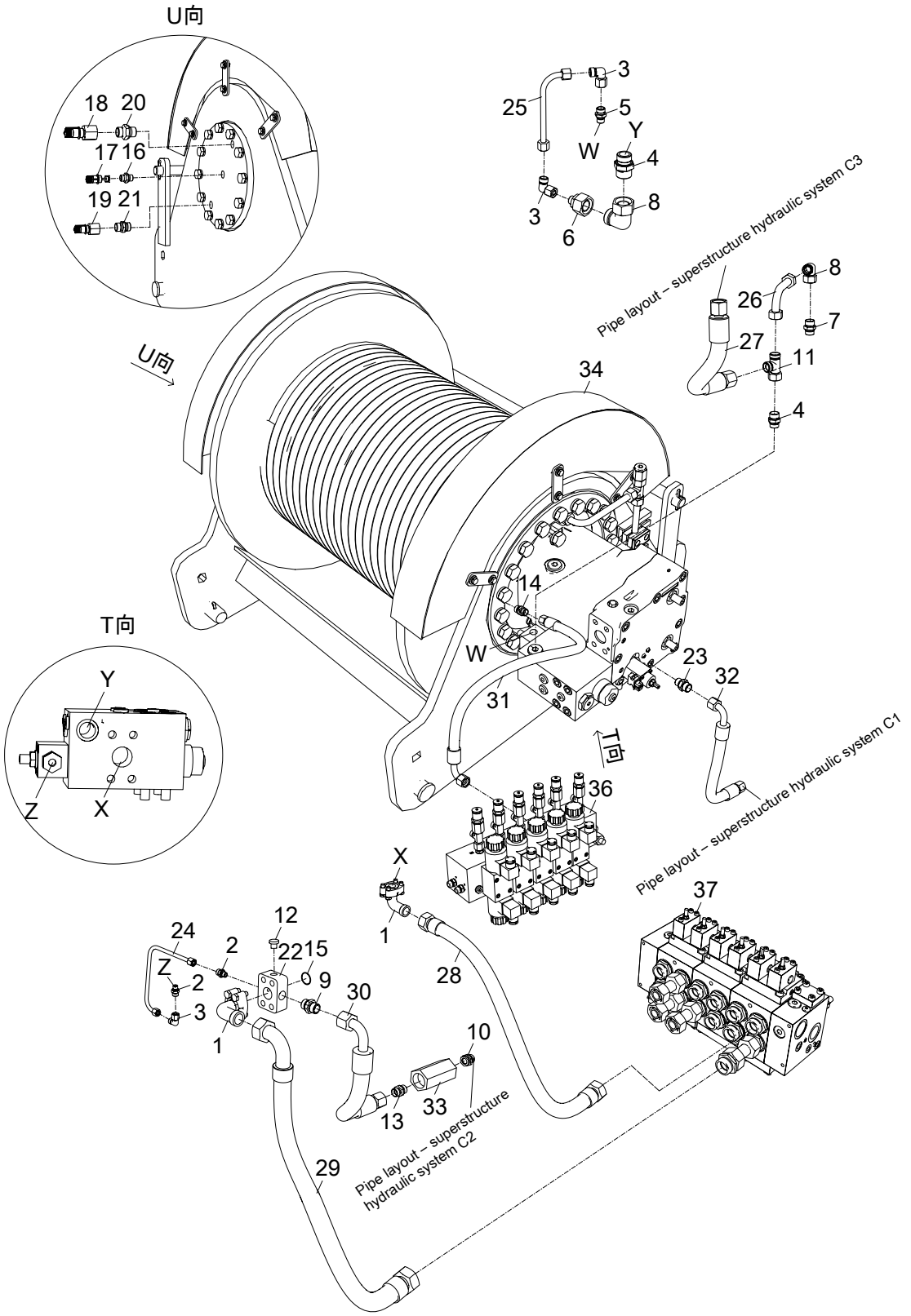
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PIPE LAYOUT- HOISTING WINCH 2 WITHOUT FREE-FALL FUNCTION D00663113500810000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500810000	Pipe layout- hoisting winch 2 without free-f all function		
1	1140100546	•Fitting	2	
2	1140100572	•Fitting	2	
3	1140100597	•Fitting	3	
4	1140100167	•Fitting body	2	
5	1140103255	•Pipe fitting	1	
6	1140100737	•Fitting	1	
7	1140100724	•Fitting	1	
8	1140100616	•Fitting	2	
9	1140100577	•Fitting	1	
10	1140100043	•Pipe fitting	1	
11	1140100731	•Fitting	1	
12	1140101283	•Blanking plug	1	
13	1140101011	•Pipe fitting	1	
14	1140101002	•Pipe fitting	1	
15	1081000060	•O-ring	1	
16	1140101004	•Pipe fitting	1	
17	1140101221	•Test joint	1	
18	1140101250	•Pressure testing joint	1	
19	1140101222	•Test joint	1	
20	1140101102	•Pipe fitting	1	
21	1140100533	•Fitting body	1	
22	00663113500211010	•Flange fitting	1	
23	1140100527	•Fitting	1	
24	00663111605320001	•Steel pipe assy.	1	
25	00663111605230001	•Steel pipe assy.	1	
26	00663111605300001	•Steel pipe assy.	1	
27	1140217091	•Hose assy.	1	
28	1140204735	•Hose assy.	1	
29	1140215479	•Hose assy.	1	
30	1140206269	•Hose assy.	1	
31	1140201877	•Hose assy.	1	
32	1140201841	•Hose assy.	1	
33	1010300133	•Check valve	1	

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PIPE LAYOUT- HOISTING WINCH 2 WITHOUT FREE-FALL FUNCTION D00663113500810000Y



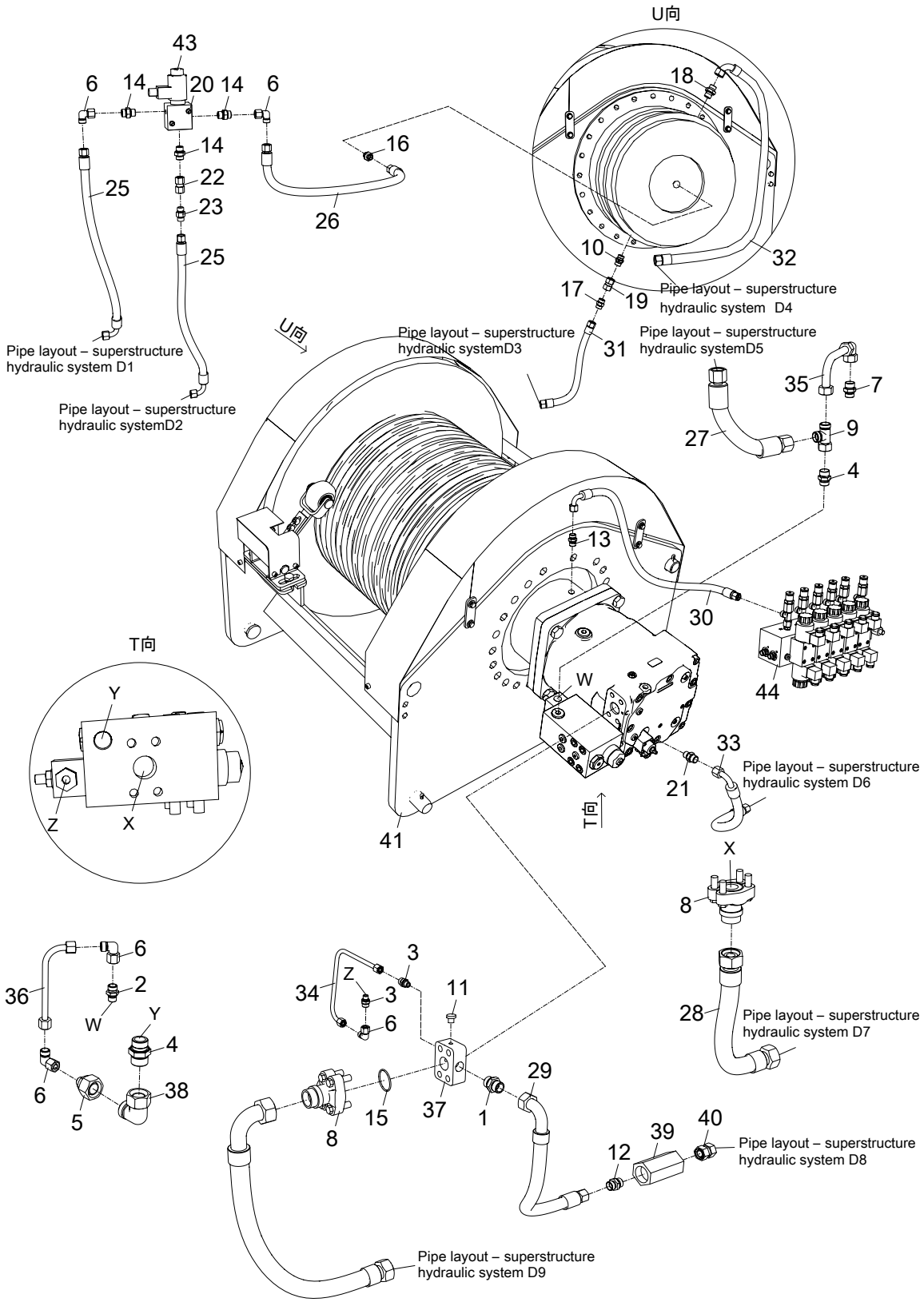
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PIPE LAYOUT- HOISTING WINCH 2 WITHOUT FREE-FALL FUNCTION D00663113500810000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	00663113500800000	Hoisting winch 2	1	
35	00663110400000000	Slewing table attachments welded	1	
36	1010300433	Control valve block I	1	
37	1010303899	Main valve	1	

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PIPE LAYOUT –HOISTING WINCH 1 WITH FREE-FALL FUNCTION D00663113500240000Y



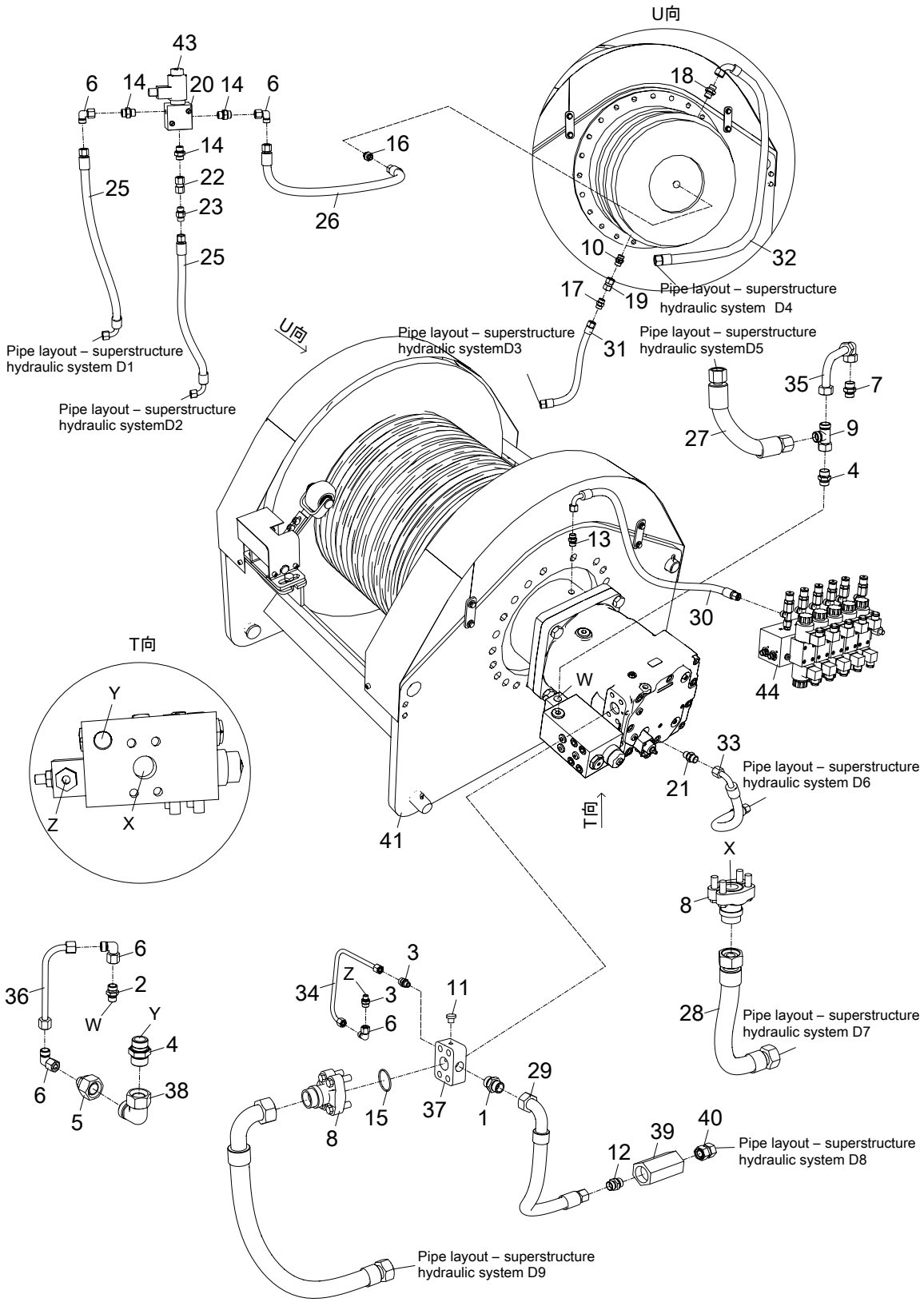
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PIPE LAYOUT –HOISTING WINCH 1 WITH FREE-FALL FUNCTION D00663113500240000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500240000	Pipe layout –hoisting winch 1 with free-fall function		
1	1140100577	•Fitting	1	
2	1140103255	•Pipe fitting	1	
3	1140100572	•Fitting	2	
4	1140100167	•Fitting body	2	
5	1140100737	•Fitting	1	
6	1140100597	•Fitting	5	
7	1140100724	•Fitting	1	
8	1140100863	•Flange assembly	2	
9	1140100731	•Fitting	1	
10	1140100533	•Fitting body	1	
11	1140101283	•Blanking plug	1	
12	1140101011	•Pipe fitting	1	
13	1140101002	•Pipe fitting	1	
14	1140100574	•Fitting	3	
15	1081000060	•O-ring	1	
16	1140101004	•Pipe fitting	1	
17	00663113500241010	•Damping fitting	1	
18	1140101102	•Pipe fitting	1	
19	1140102120	•Fitting	1	
20	00663114801600000	•Solenoid ball valve installtion	1	
21	1140100527	•Fitting	1	
22	1140100267	•Fitting	1	
23	00663011630001080	•Damping fitting	1	
24	1010302092	•Damping valve	1	
25	1140217092	•Hose assy.	2	
26	1140235707	•Hose assy.	1	
27	1140217091	•Hose assy.	1	
28	1140204735	•Hose assy.	1	
29	1140209038	•Hose assy.	1	
30	1140201877	•Hose assy.	1	
31	1140221217	•Hose assy.	1	
32	1140208803	•Hose assy.	1	
33	1140217108	•Hose assy.	1	

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PIPE LAYOUT –HOISTING WINCH 1 WITH FREE-FALL FUNCTION D00663113500240000Y



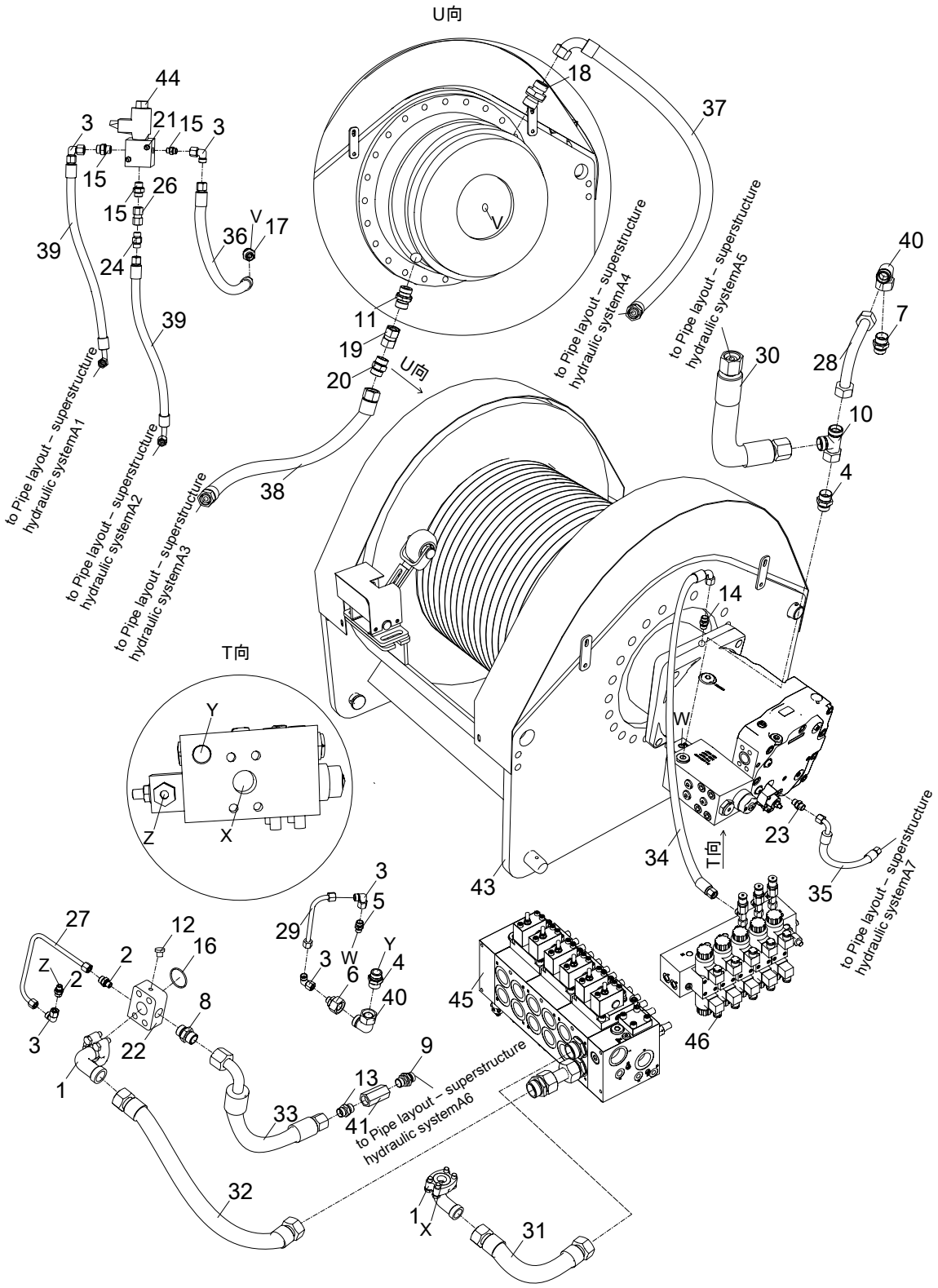
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PIPE LAYOUT –HOISTING WINCH 1 WITH FREE-FALL FUNCTION D00663113500240000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	00663111605230001	•Steel pipe assy.	1	
35	00663111605250001	•Steel pipe assy.	1	
36	00663111605320001	•Steel pipe assy.	1	
37	00663113500211010	•Flange fitting	1	
38	1140100616	•Fitting	2	
39	1010300133	•Check valve	1	
40	1140100043	•Pipe fitting	1	
41	00663113500200000	Hoisting winch 1 (I)	1	
42	00663110400000000	Slewing table attachments welded	1	
43	1010300148	Solenoid valve	1	
44	1010300433	Control valve block I	1	

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PIPE LAYOUT –HOISTING WINCH 2 WITH FREE-FALL FUNCTION
D00663113500610000Y



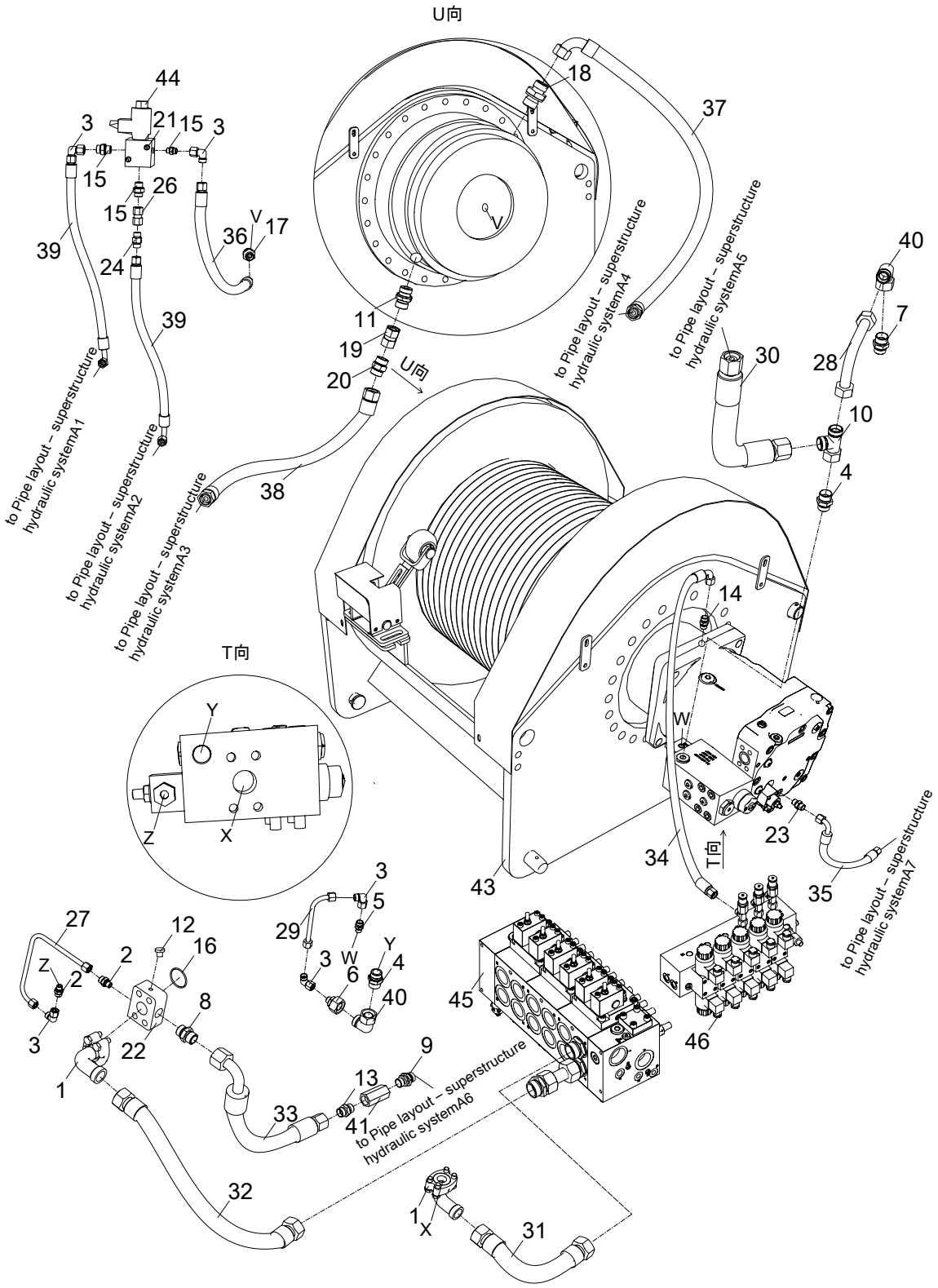
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PIPE LAYOUT –HOISTING WINCH 2 WITH FREE-FALL FUNCTION D00663113500610000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113500610000	Pipe layout –hoisting winch 2 with free-fall function		
1	1140100546	•Central revolving joint	2	
2	1140100572	•Fitting	2	
3	1140100597	•Fitting	5	
4	1140100167	•Fitting body	2	
5	1140103255	•Pipe fitting	1	
6	1140100737	•Fitting	1	
7	1140100724	•Fitting	1	
8	1140100577	•Fitting	1	
9	1140100043	•Pipe fitting	1	
10	1140100731	•Fitting	1	
11	1140100533	•Fitting body	1	
12	1140101283	•Blanking plug	1	
13	1140101011	•Pipe fitting	1	
14	1140101002	•Pipe fitting	1	
15	1140100574	•Fitting	3	
16	1081000060	•O-ring	1	
17	1140101004	•Pipe fitting	1	
18	1140101102	•Pipe fitting	1	
19	1140102120	•Fitting	1	
20	00663113500241010	•Damping fitting	1	
21	00663114801600000	•Solenoid ball valve installtion	1	
22	00663113500211010	•Flange fitting	1	
23	1140100527	•Fitting	1	
24	00663011630001080	•Damping fitting	1	
25	1010302092	•Damping valve	1	
26	1140100267	•Fitting	1	
27	00663111605230001	•Steel pipe assy.	1	
28	00663111605250001	•Steel pipe assy.	1	
29	00663111605320001	•Steel pipe assy.	1	
30	1140217091	•Hose assy.	1	
31	1140204735	•Hose assy.	1	
32	1140215479	•Hose assy.	1	
33	1140206269	•Hose assy.	1	

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PIPE LAYOUT –HOISTING WINCH 2 WITH FREE-FALL FUNCTION
D00663113500610000Y



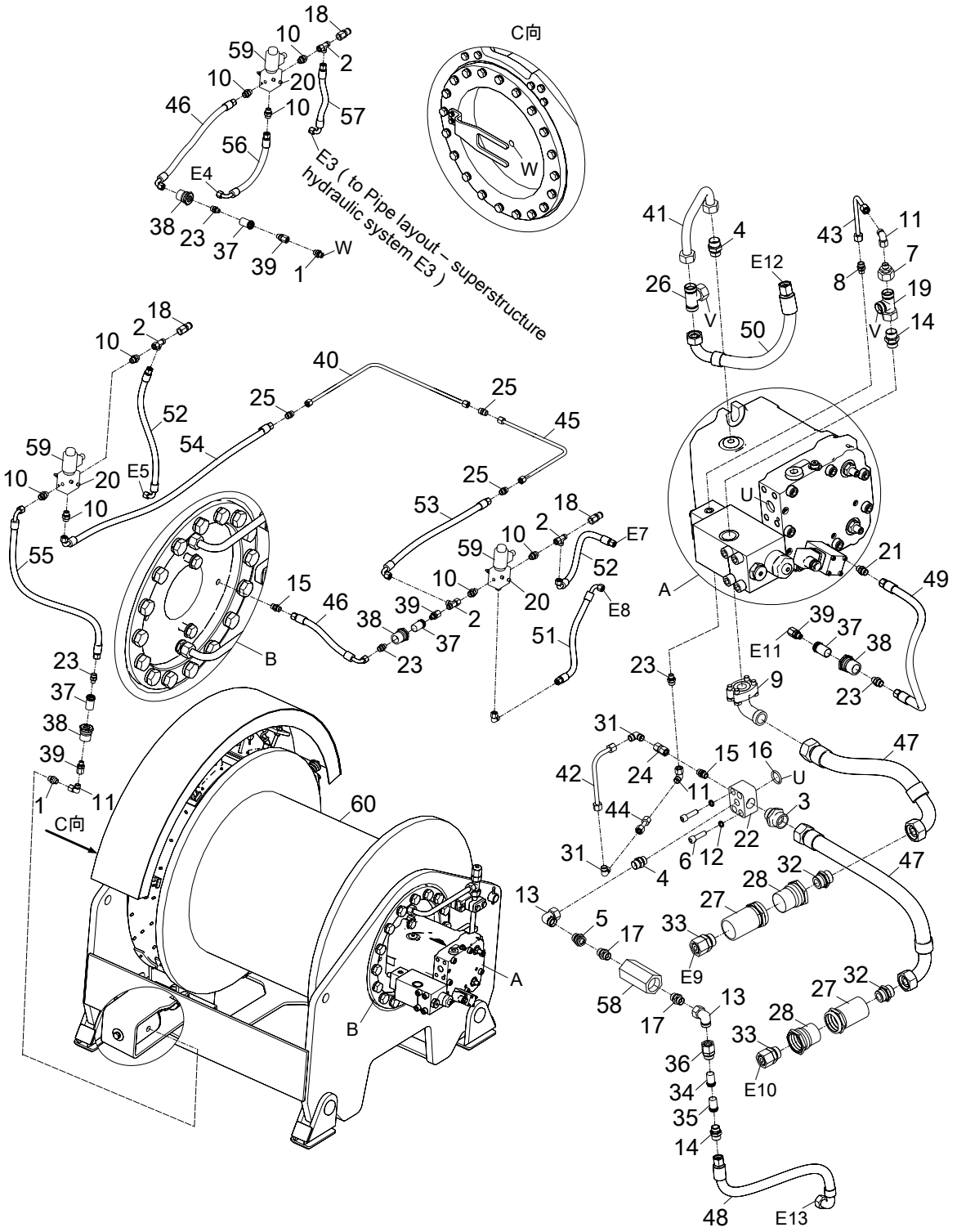
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PIPE LAYOUT –HOISTING WINCH 2 WITH FREE-FALL FUNCTION D00663113500610000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	1140201877	•Hose assy.	1	
35	1140201841	•Hose assy.	1	
36	1140235706	•Hose assy.	1	
37	1140208803	•Hose assy.	1	
38	1140221217	•Hose assy.	1	
39	1140217092	•Hose assy.	2	
40	1140100616	•Fitting	2	
41	1010300133	•Check valve	1	
42		Slewing table attachments welded	1	
43		Hoisting winch 2 (I)	1	
44		Solenoid valve	1	
45		Main valve	1	
46		Control valve block I	1	

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PIPE LAYOUT –HOISTING WINCH 3 WITH FREE-FALL FUNCTION
D00663113501430000Y



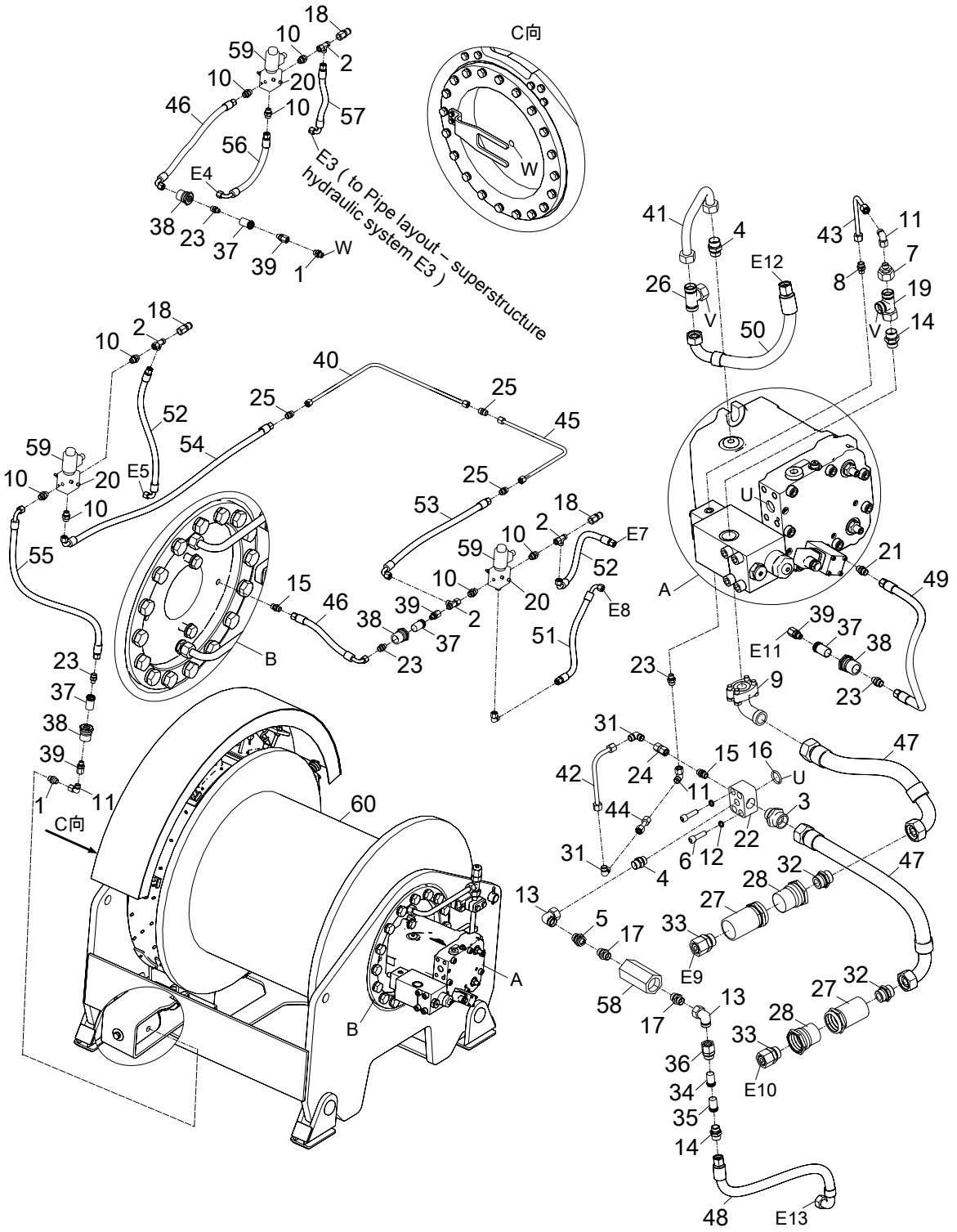
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PIPE LAYOUT –HOISTING WINCH 3 WITH FREE-FALL FUNCTION D00663113501430000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113501430000	Pipe layout –hoisting winch 3 with free-fall function		
1	1140101004	•Pipe fitting	2	
2	1140100647	•Fitting	4	
3	1140101151	•Pipe fitting	1	
4	1140100724	•Fitting	2	
5	1140100043	•Pipe fitting	1	
6	1040100854	•Screw	4	
7	1140100737	•Fitting	1	
8	1140103255	•Pipe fitting	1	
9	1140100546	•Fitting	1	
10	1140100574	•Fitting	9	
11	1140100597	•Fitting	4	
12	1040300054	•Washer	4	
13	1140100616	•Fitting	2	
14	1140100167	•Fitting body	2	
15	1140101002	•Pipe fitting	2	
16	1089800082	•O-ring	1	
17	1140101011	•Pipe fitting	2	
18	1140102830	•Pressure testing fitting	3	
19	1140100731	•Fitting	1	
20	00663114801600000	•Solenoid ball valve installtion	3	
21	1140100527	•Fitting	1	
22	00663101620001030	•Flange fitting	1	
23	1140100572	•Fitting	5	
24	1140100267	•Fitting	1	
25	1140100583	•Fitting	3	
26	1140100578	•Fitting	1	
27	1140101264	•Quick-release coupling	2	
28	1140101263	•Quick-release coupling	2	
29	1081200007	•Dust cap	2	
30	1081200009	•Dust cap	2	
31	1140100596	•Fitting	2	
32	1140100571	•Fitting	2	
33	1140100187	•Fitting	2	

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PIPE LAYOUT –HOISTING WINCH 3 WITH FREE-FALL FUNCTION
D00663113501430000Y



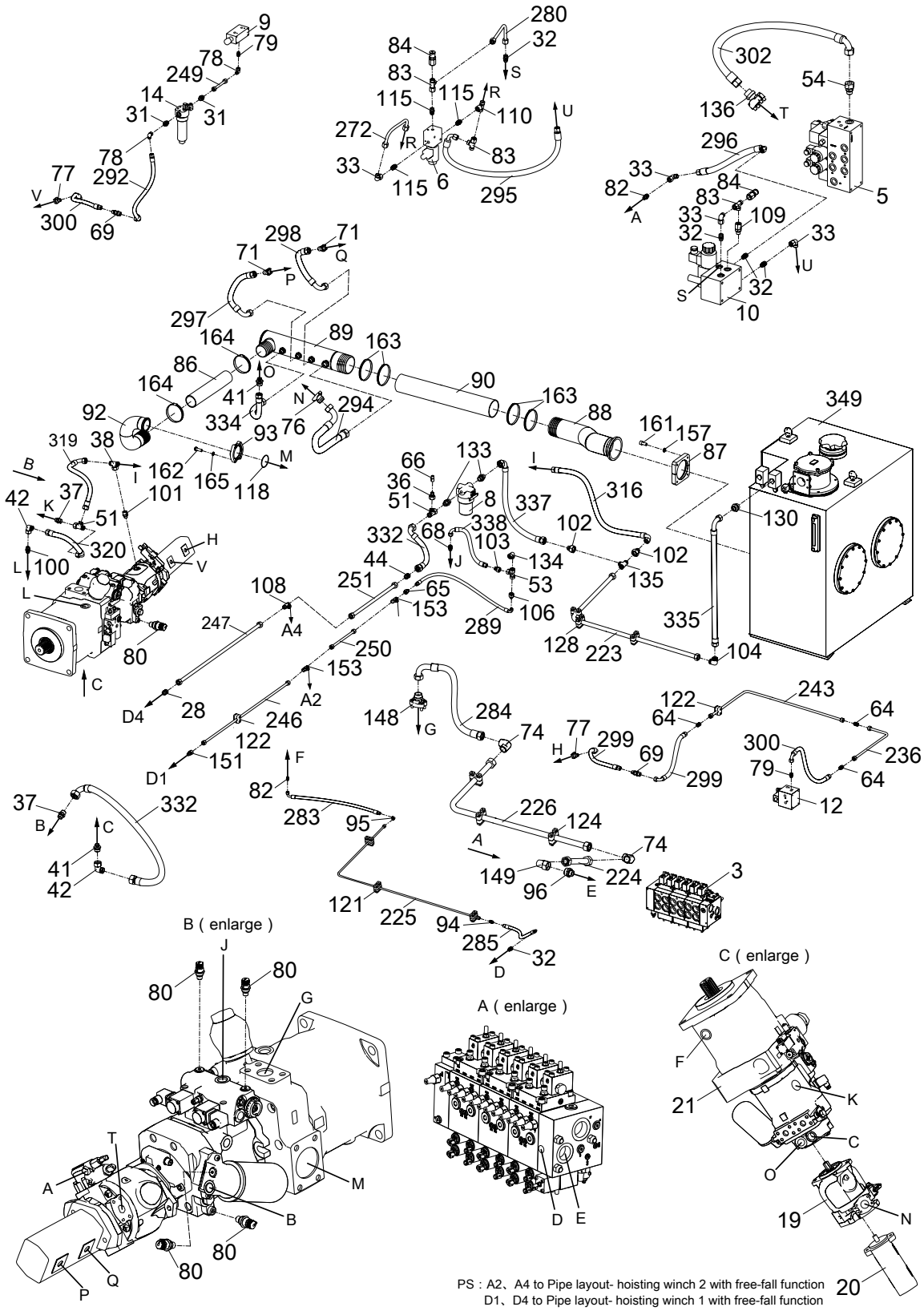
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PIPE LAYOUT –HOISTING WINCH 3 WITH FREE-FALL FUNCTION D00663113501430000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
34	1140103078	•Quick-release coupling	1	
35	1140103082	•Quick-release coupling	1	
36	1140100191	•Fitting	1	
37	1140103071	•Quick-release coupling	4	
38	1140103066	•Quick-release coupling	4	
39	1140100158	•Fitting	4	
40	00663111605630001	•Steel pipe assy.	1	
41	00663111605660001	•Steel pipe assy.	1	
42	00663111605680001	•Steel pipe assy.	1	
43	00663111605780001	•Steel pipe assy.	1	
44	00663111605950001	•Steel pipe assy.	1	
45	00663111605990001	•Steel pipe assy.	1	
46	1140201841	•Hose assy.	2	
47	1140203590	•Hose assy.	2	
48	1140221249	•Hose assy.	1	
49	1140204280	•Hose assy.	1	
50	1140206285	•Hose assy.	1	
51	1140207151	•Hose assy.	1	
52	1140220545	•Hose assy.	2	
53	1140217108	•Hose assy.	1	
54	1140203039	•Hose assy.	1	
55	1140203584	•Hose assy.	1	
56	1140203038	•Hose assy.	1	
57	1140214212	•Fitting	1	
58	1010300133	•Check valve	1	
59	1010300148	Solenoid valve	3	
60	00663113501400001	Hoisting winch 3	1	
61	00663110400000000	Slewing table attachments welded	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y



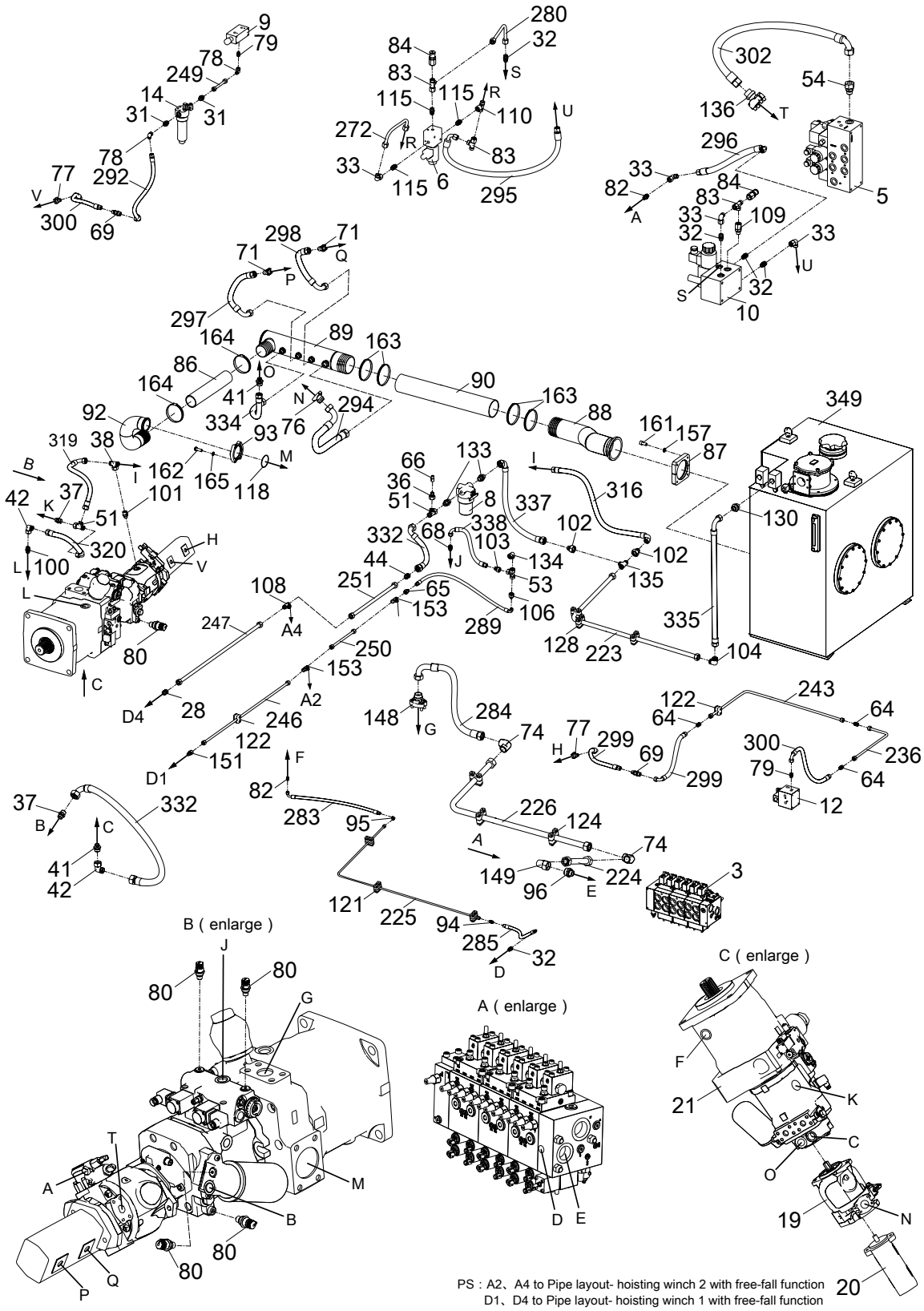
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111600000001	Pipe layout – superstructure hydraulic syste m		
3	1010303899	•Main valve	1	
5	1010303898	•Control valve block	1	
6	1010300148	•Solenoid valve	2	
8	1010600016	•Pressure oil filter	1	
9	1010302669	•Overflow valve	1	
10	1010303895	•Control valve block	1	
12	1010300423	•Combination valve	1	
14	1010600005	•Pressure oil filter	1	
19	1010001069	•Tandem variable pump	1	
20	1010000078	•Gear pump	1	
21	1010001164	•Tandem variable pump	1	
28	1140100652	•Fitting	1	
31	1140100637	•Fitting	6	
32	1140100572	•Fitting	12	
33	1140100597	•Fitting	24	
36	1140100737	•Fitting	4	
37	1140100724	•Fitting	4	
38	1140100578	•Fitting	2	
41	1140100577	•Fitting	1	
42	1140100616	•Fitting	4	
44	1140100644	•Fitting	3	
51	1140100731	•Fitting	9	
53	1140102995	•Fitting	1	
54	1140100620	•Fitting	2	
64	1140100602	•Fitting	25	
65	1140100733	•Fitting	3	
66	1140100423	•Fitting	3	
68	1140100533	•Fitting body	1	
69	1140100725	•Fitting	10	
71	1140100872	•Flange fitting	2	
74	1140100714	•Fitting	2	
76	1140102186	•Flange assembly	1	
77	1140100876	•Flange fitting	4	
78	1140100587	•Fitting	8	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y



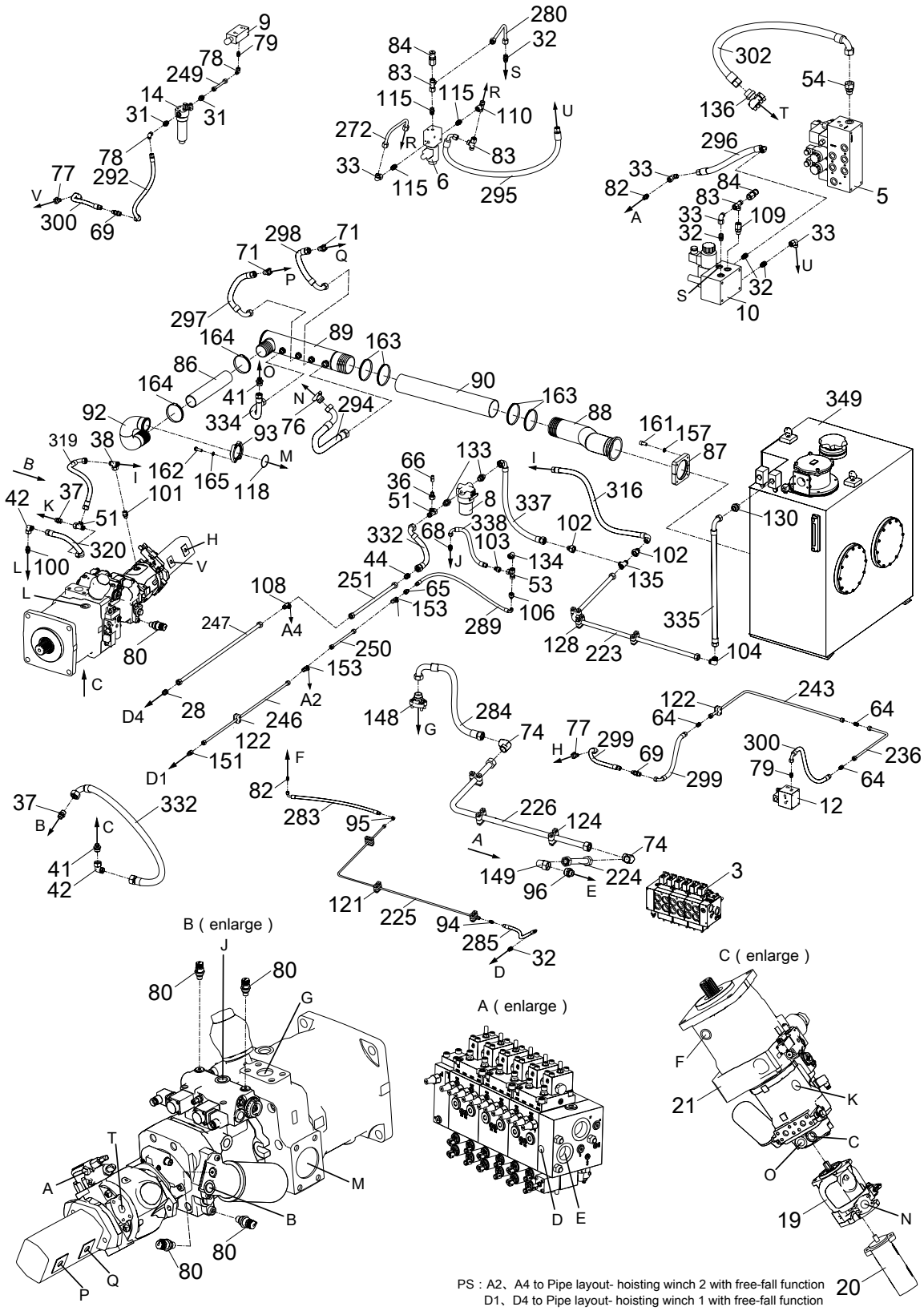
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
79	1140100643	•Fitting	6	
80	1140102828	•Pressure testing joint	9	
82	1140100527	•Fitting	5	
83	1140100647	•Fitting	11	
84	1140102830	•Pressure testing joint	8	
86	00663111600001030	•Oil suction hose of main pump	1	
87	00663111600001011	•Oil suction flange	1	
88	00660301601000000	•Oil suction union	1	
89	00663111601400000	•Oil collecting fitting	1	
90	00663111600001050	•Oil delivery hose of hydraulic oil tank	1	
92	00663111600600000	•Oil suction union of main pump	1	
93	1140101377	•Split flange	1	
94	1140100583	•Fitting	4	
95	1140100596	•Fitting	1	
96	1140100532	•Fitting	1	
100	1140101011	•Pipe fitting	3	
101	1140109632	•Pipe fitting	2	
102	1140100727	•Fitting	2	
103	1140100640	•Fitting	3	
104	1140100636	•Fitting	1	
106	1140100664	•Fitting	3	
108	1140100609	•Fitting	3	
109	1140100158	•Fitting	1	
110	1140100649	•Fitting	3	
115	1140100574	•Fitting	16	
118	1081000092	•O-ring	1	
121	1990200212	•pipe clamp	11	
122	1990200213	•pipe clamp	47	
124	1990200239	•pipe clamp	3	
126	1190200242	•pipe clamp	3	
128	1990200208	•pipe clamp	3	
130	1140102510	•Pipe fitting	1	
133	1140101156	•Screw	2	
134	1140100633	•Fitting	1	
135	1140100579	•Fitting	7	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y



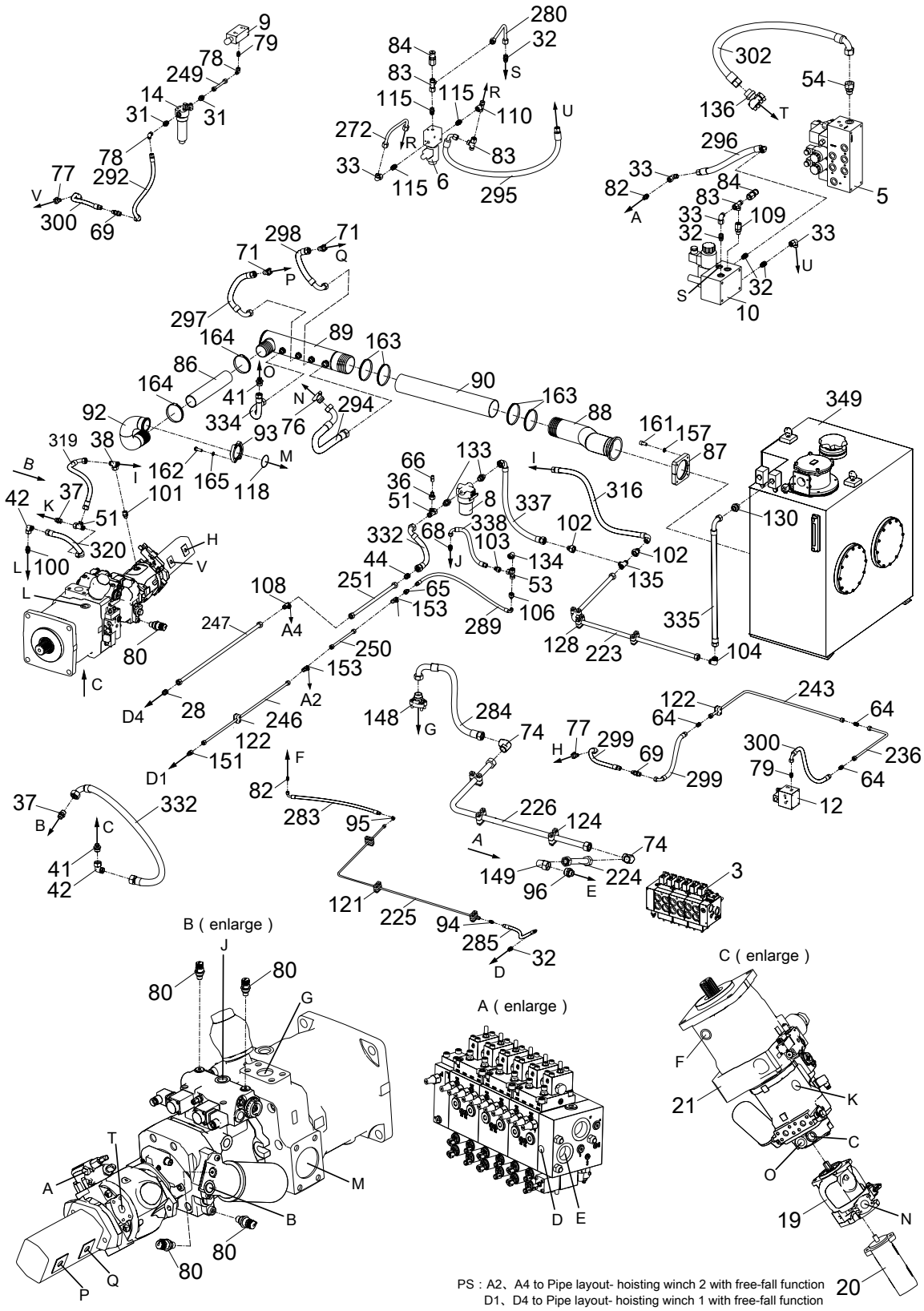
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
136	1140103439	•Flange assembly	1	
148	1140100885	•Flange assembly	1	
149	1140100665	•fitting	1	
151	1149900149	•Transition fitting	10	
153	1140100589	•fitting	4	
157	1040300054	•Washer	52	
161	1040100087	•Screw	4	
162	1040000065	•Bolt	4	
163	1990200534	•Worm clamp	4	
164	1990200532	•Worm clamp	2	
165	1040300065	•Washer	15	
223	00663111605310001	•Steel pipe assy.	1	
224	00663111605330001	•Steel pipe assy.	1	
225	00663111605340001	•Steel pipe assy.	1	
226	00663111605350001	•Steel pipe assy.	1	
236	00663111605450001	•Steel pipe assy.	1	
243	00663111605520001	•Steel pipe assy.	1	
246	00663111605550001	•Steel pipe assy.	2	
247	00663111605560001	•Steel pipe assy.	1	
249	00663111605580001	•Steel pipe assy.	1	
250	00663111605590001	•Steel pipe assy.	2	
251	00663111605600001	•Steel pipe assy.	1	
272	00663111605830001	•Steel pipe assy.	1	
280	00663111605970001	•Steel pipe assy.	1	
283	1140220545	•Hose assy.	1	
284	1140235697	•Hose assy.	1	
285	1140217108	•Hose assy.	2	
289	1140215333	•Hose assy.	1	
292	1140206947	•Hose assy.	2	
294	1140207369	•Hose assy.	1	
295	1140214290	•Hose assy.	2	
296	1140207151	•Hose assy.	1	
297	1140214320	•Hose assy.	1	
298	1140203727	•Hose assy.	1	
299	1140206948	•Hose assy.	4	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y



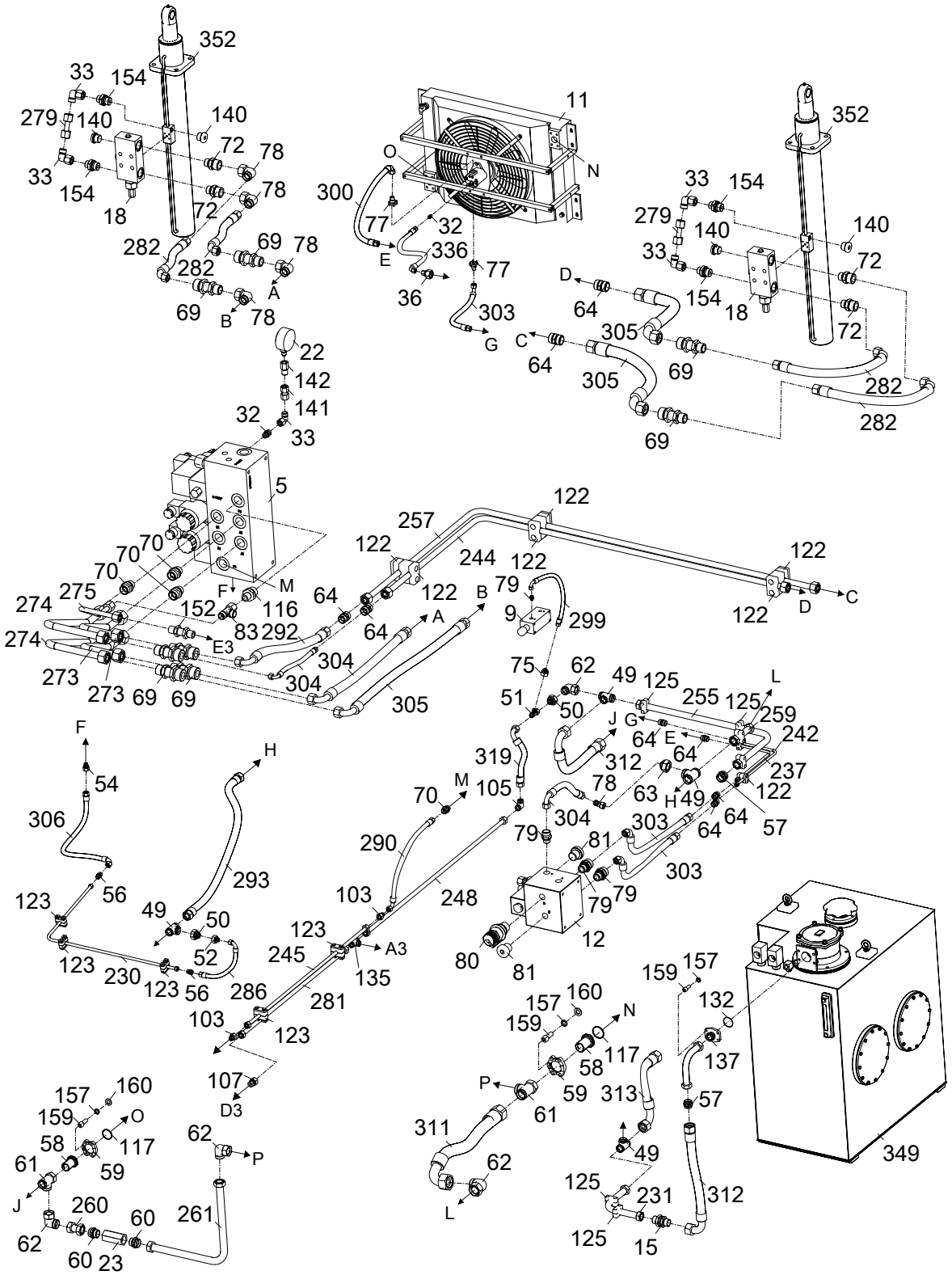
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Power system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
300	1140202941	•Hose assy.	3	
302	1140211653	•Hose assy.	1	
316	1140203977	•Hose assy.	2	
319	1140201900	•Hose assy.	5	
320	1140221261	•Hose assy.	2	
332	1140221260	•Hose assy.	2	
334	1140217277	•Hose assy.	1	
335	1140202539	•Hose assy.	1	
337	1140201897	•Hose assy.	2	
338	1140219937	•Hose assy.	1	
349		Hydraulic oil tank	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM
(Radiator assy)D00663111600000001Y



PS: A3 to Pipe layout- hoisting winch 2 with free-fall function
D3 to Pipe layout- hoisting winch 1 with free-fall function
E3 to Pipe layout –hoisting winch 3 with free-fall function

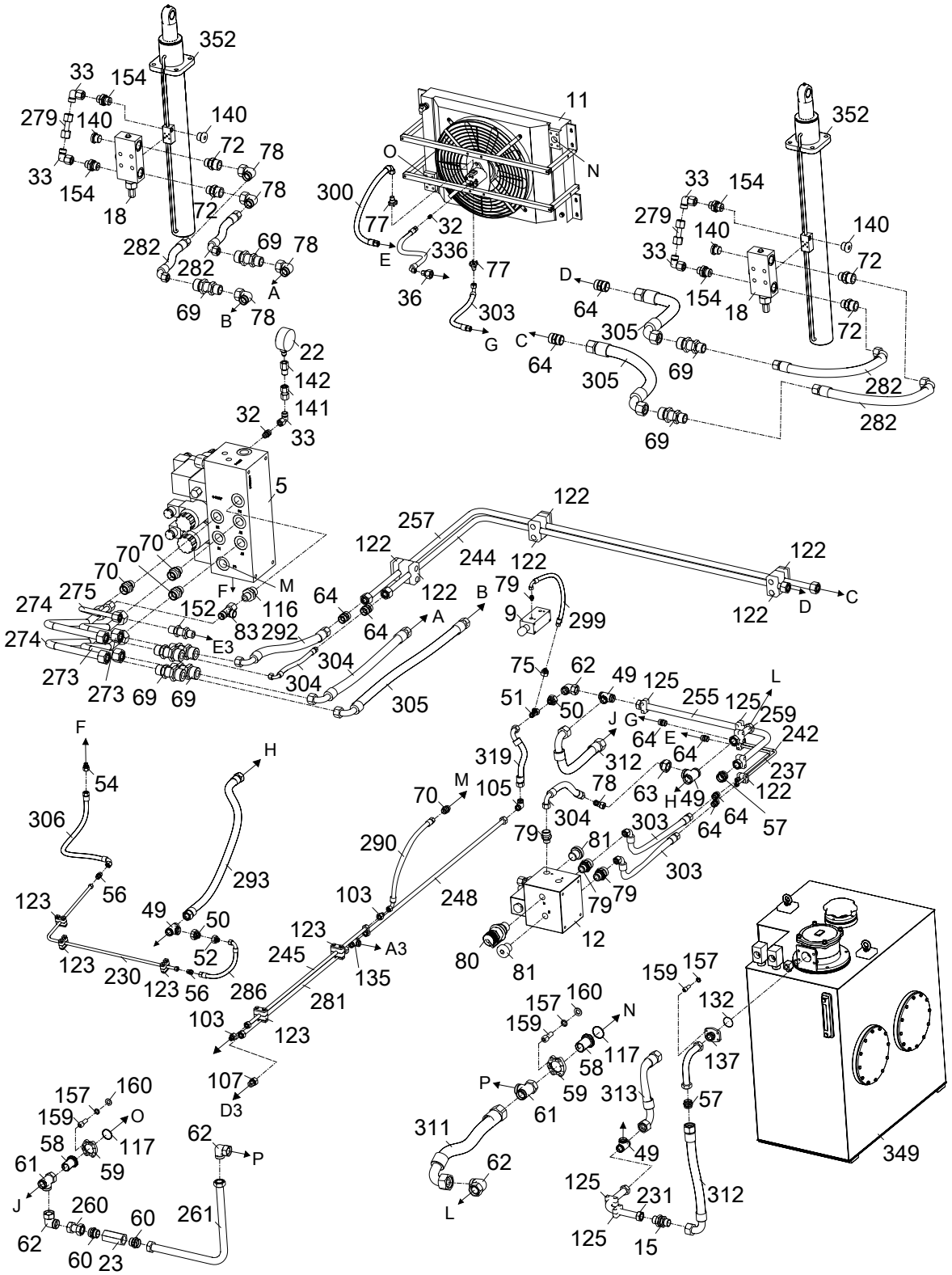
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Radiator assy)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111600000001	Pipe layout – superstructure hydraulic syste m		
5	1010303898	•Control valve block	1	
9	1010302669	•Overflow valve	1	
11	1010400009	•Radiator device	1	
12	1010300423	•Combination valve	1	
15	1140101393	•Check valve fitting	1	
18	1010300200	•Balance valve	3	
22	1019900190	•Pressure gauge	1	
23	1010300133	•Check valve	1	
32	1140100572	•Fitting	12	
33	1140100597	•Fitting	24	
36	1140100737	•Fitting	4	
49	1140100669	•Fitting	4	
50	1140100667	•Fitting	3	
51	1140100731	•Fitting	9	
52	1140100642	•Fitting	1	
54	1140100620	•Fitting	2	
56	1140100623	•Fitting	4	
57	1140100686	•Fitting	3	
58	00663601600001030	•Flange fitting	2	
59	1140100032	•Split flange	2	
60	1140100683	•Fitting	2	
61	1140100812	•Fitting	2	
62	1140100730	•Fitting	4	
63	1140100758	•Fitting	1	
64	1140100602	•Fitting	25	
69	1140100725	•Fitting	10	
70	1140100618	•Fitting	6	
72	1140100592	•Fitting	6	
75	1140100738	•Fitting	1	
77	1140100876	•Flange fitting	4	
78	1140100587	•Fitting	8	
79	1140100643	•Fitting	6	
80	1140102828	•Pressure testing joint	9	
81	1140101283	•Blanking plug	2	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Radiator assy)D00663111600000001Y



PS: A3 to Pipe layout- hoisting winch 2 with free-fall function
D3 to Pipe layout- hoisting winch 1 with free-fall function
E3 to Pipe layout –hoisting winch 3 with free-fall function

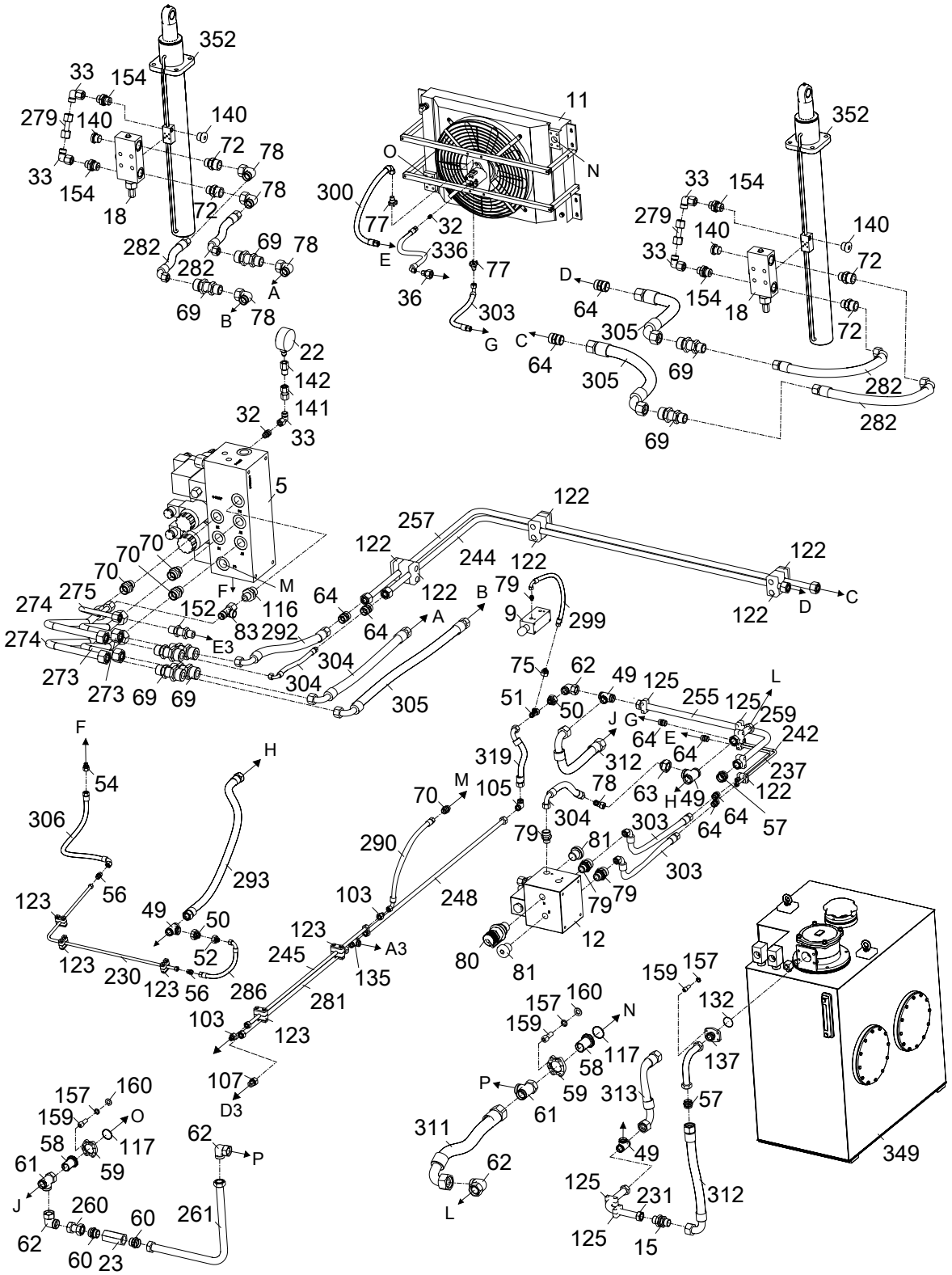
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Radiator assy)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
83	1140100647	•Fitting	11	
103	1140100640	•Fitting	3	
105	1140100641	•Fitting	1	
107	1140100590	•Fitting	1	
116	1140100598	•Fitting	3	
117	1081000077	•O-ring	2	
122	1990200213	•pipe clamp	47	
123	1990200210	•pipe clamp	7	
125	1990200236	•pipe clamp	7	
132	1081000023	•O-ring	1	
135	1140100579	•Fitting	7	
137	00663111600800000	•Flange fitting	1	
140	1140101787	•Blanking plug	6	
141	1140100267	•Fitting	3	
142	1140101251	•Pressure gauge fitting	1	
152	1140100525	•fitting	1	
154	1140101085	•Pipe fitting	6	
157	1040300054	•Washer	52	
159	1040100125	•Screw	13	
160	1040300041	•Washer	37	
205	00663111605100001	•Steel pipe assy.	1	
230	00663111605390001	•Steel pipe assy.	1	
231	00663111605400001	•Steel pipe assy.	1	
237	00663111605460001	•Steel pipe assy.	1	
242	00663111605510001	•Steel pipe assy.	1	
244	00663111605530001	•Steel pipe assy.	1	
245	00663111605540001	•Steel pipe assy.	1	
248	00663111605570001	•Steel pipe assy.	1	
255	00663111605640001	•Steel pipe assy.	1	
257	00663111605670001	•Steel pipe assy.	1	
259	00663111605700001	•Steel pipe assy.	1	
260	00663111605710001	•Steel pipe assy.	1	
261	00663111605720001	•Steel pipe assy.	1	
273	00663111605840001	•Steel pipe assy.	2	
274	00663111605850001	•Steel pipe assy.	2	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Radiator assy)D00663111600000001Y



PS: A3 to Pipe layout- hoisting winch 2 with free-fall function
D3 to Pipe layout- hoisting winch 1 with free-fall function
E3 to Pipe layout –hoisting winch 3 with free-fall function

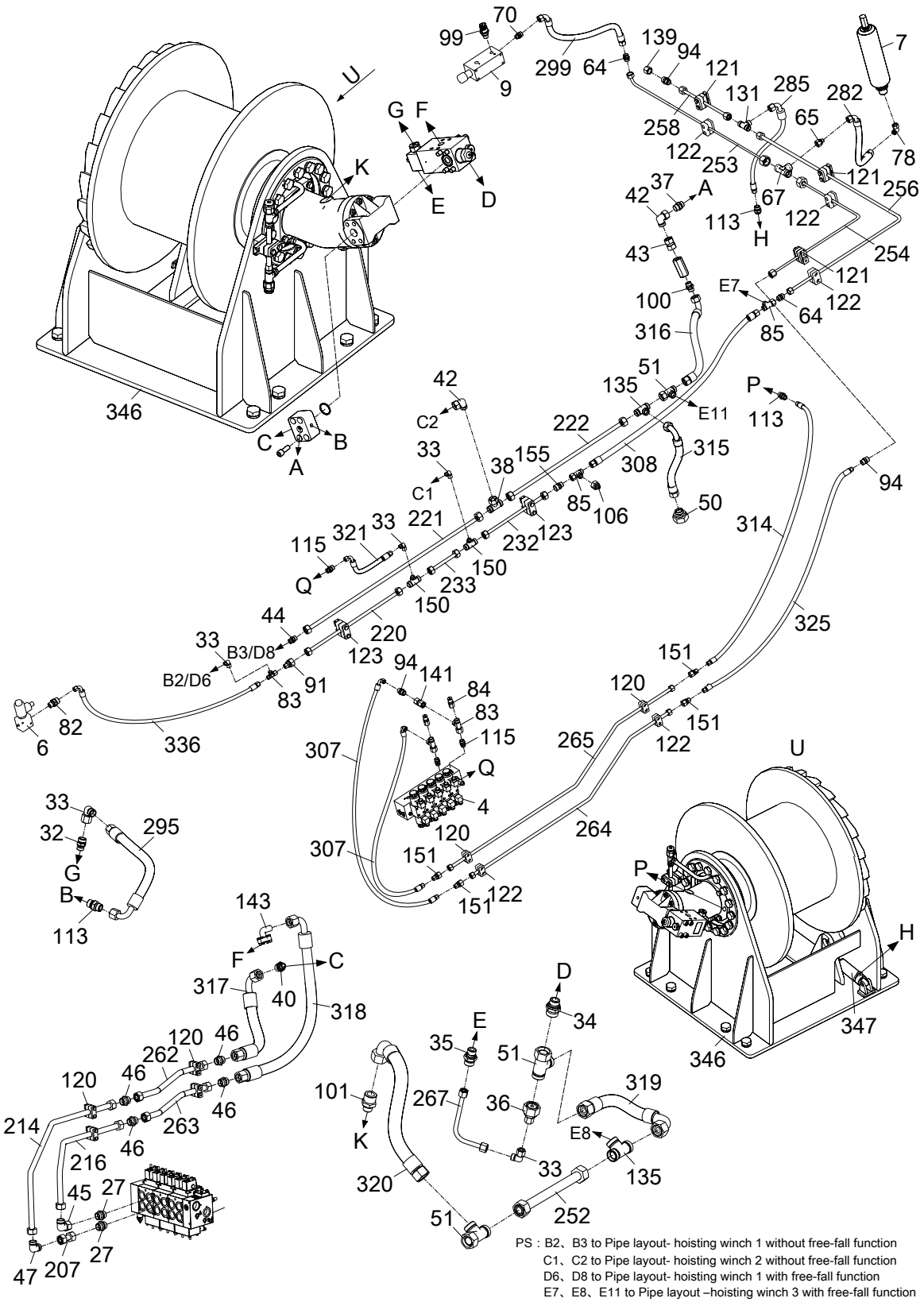
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Radiator assy)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
275	00663111605860001	•Steel pipe assy.	1	
279	00663111605960001	•Steel pipe assy.	3	
281	00663111605980001	•Steel pipe assy.	1	
282	1140218474	•Hose assy.	5	
286	1140204363	•Hose assy.	1	
290	1140206723	•Hose assy.	1	
292	1140206947	•Hose assy.	2	
293	1140220009	•Hose assy.	1	
299	1140206948	•Hose assy.	4	
300	1140202941	•Hose assy.	3	
303	1140201481	•Hose assy.	3	
304	1140217102	•Hose assy.	3	
305	1140201959	•Hose assy.	3	
306	1140220412	•Hose assy.	1	
311	1140203593	•Hose assy.	1	
312	1140206755	•Hose assy.	2	
313	1140203625	•Hose assy.	1	
319	1140201900	•Hose assy.	5	
336	1140201840	•Hose assy.	2	
349		Hydraulic oil tank	1	
352		Counterweight lifting cylinder	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Derricking system) D00663111600000001Y



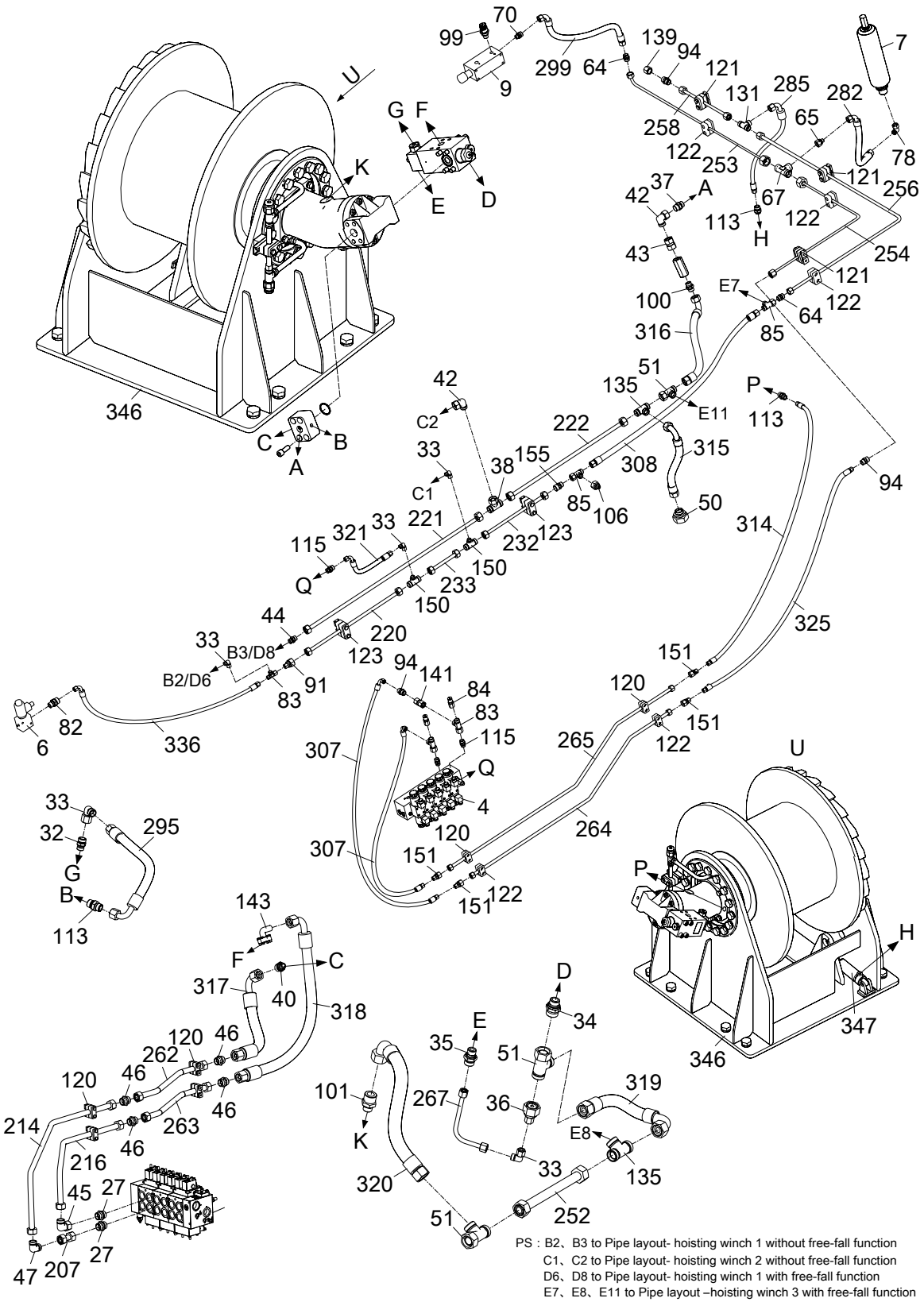
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Derricking system) D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111600000001	Pipe layout – superstructure hydraulic syste m		
3	1010303899	•Main valve	1	
4	1010300433	•Control valve block I	1	
6	1010300148	•Solenoid valve	2	
7	1010800009	•Accumulator	1	
9	1010302669	•Overflow valve	1	
27	1140100571	•Fitting	12	
32	1140100572	•Fitting	12	
33	1140100597	•Fitting	24	
34	1140100167	•Fitting body	1	
35	1140103255	•Pipe fitting	1	
36	1140100737	•Fitting	4	
37	1140100724	•Fitting	4	
38	1140100578	•Fitting	2	
40	1140101151	•Pipe fitting	1	
42	1140100616	•Fitting	4	
43	1140100043	•Pipe fitting	1	
44	1140100644	•Fitting	3	
45	1140100628	•Fitting	7	
46	1140100575	•Fitting	7	
47	1140100576	•Fitting	10	
50	1140100667	•Fitting	3	
51	1140100731	•Fitting	9	
64	1140100602	•Fitting	25	
65	1140100733	•Fitting	3	
67	1140100594	•Fitting	1	
70	1140100618	•Fitting	6	
78	1140100587	•Fitting	8	
82	1140100527	•Fitting	5	
83	1140100647	•Fitting	11	
84	1140102830	•Pressure testing joint	8	
85	1140100639	•Fitting	2	
91	1140100739	•Fitting	2	
94	1140100583	•Fitting	4	
99	1140102826	•Pressure testing joint	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Derricking system)D00663111600000001Y



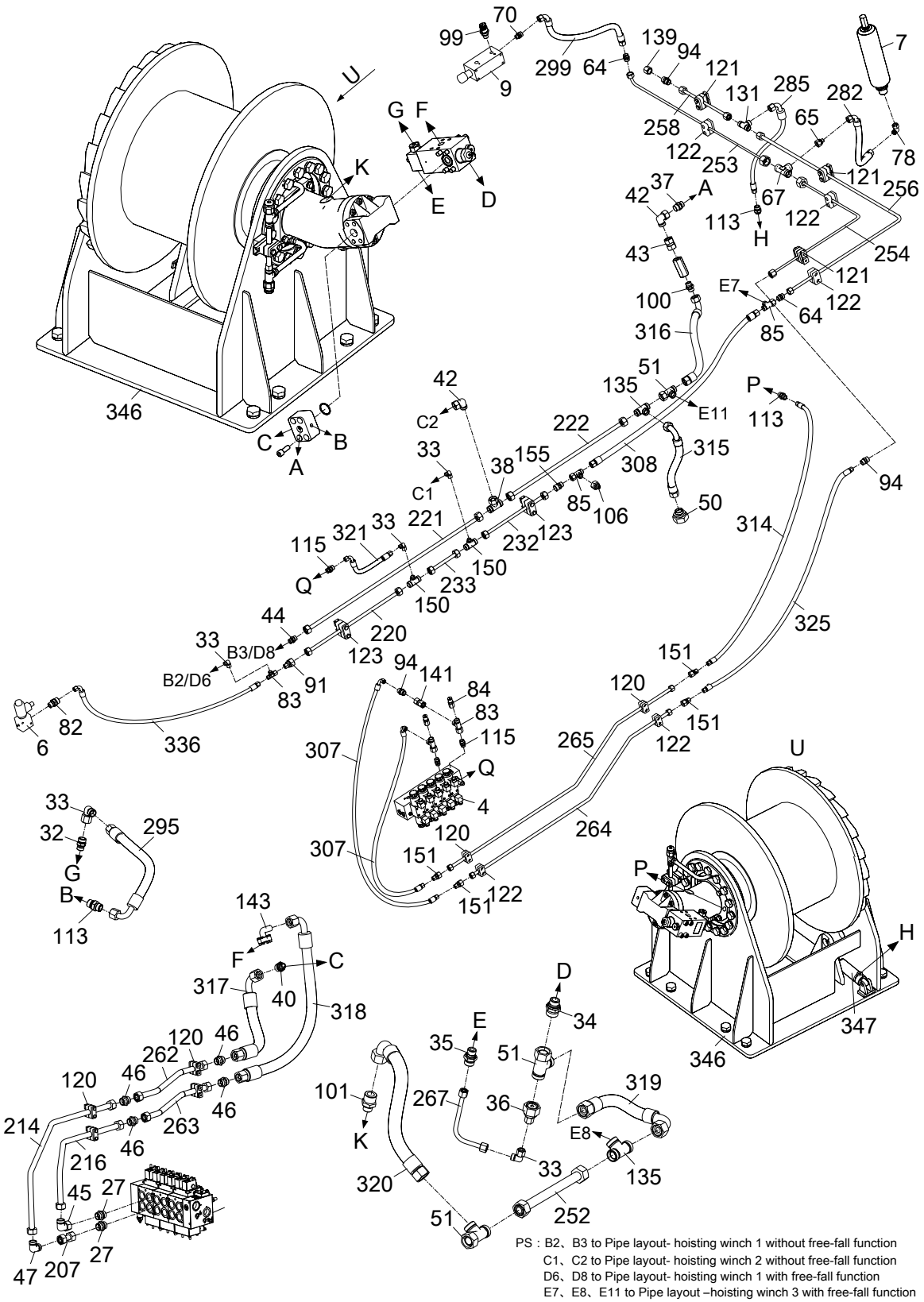
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Derricking system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
100	1140101011	•Pipe fitting	3	
101	1140109632	•Pipe fitting	2	
106	1140100664	•Fitting	3	
113	1140101002	•Pipe fitting	4	
115	1140100574	•Fitting	16	
120	1990200237	•pipe clamp	12	
121	1990200212	•pipe clamp	11	
122	1990200213	•pipe clamp	47	
123	1990200210	•pipe clamp	7	
131	1140100526	•Fitting	1	
135	1140100579	•Fitting	7	
139	1040200041	•Hook nut	1	
141	1140100267	•Fitting	3	
143	1140100860	•Flange assembly	3	
150	1140100654	•fitting	3	
151	1149900149	•Transition fitting	10	
155	1140100786	•fitting	1	
207	00663111605120001	•Steel pipe assy.	5	
214	00663111605190001	•Steel pipe assy.	1	
216	00663111605210001	•Steel pipe assy.	1	
220	00663111605270001	•Steel pipe assy.	1	
221	00663111605280001	•Steel pipe assy.	1	
222	00663111605290001	•Steel pipe assy.	1	
232	00663111605410001	•Steel pipe assy.	1	
233	00663111605420001	•Steel pipe assy.	1	
252	00663111605610001	•Steel pipe assy.	1	
253	00663111605620001	•Steel pipe assy.	1	
254	00663111605630001	•Steel pipe assy.	1	
256	00663111605650001	•Steel pipe assy.	1	
258	00663111605690001	•Steel pipe assy.	1	
262	00663111605730001	•Steel pipe assy.	1	
263	00663111605740001	•Steel pipe assy.	1	
264	00663111605750001	•Steel pipe assy.	1	
265	00663111605760001	•Steel pipe assy.	1	
267	00663111605780001	•Steel pipe assy.	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Derricking system)D00663111600000001Y



PS : B2、B3 to Pipe layout- hoisting winch 1 without free-fall function
C1、C2 to Pipe layout- hoisting winch 2 without free-fall function
D6、D8 to Pipe layout- hoisting winch 1 with free-fall function
E7、E8、E11 to Pipe layout –hoisting winch 3 with free-fall function

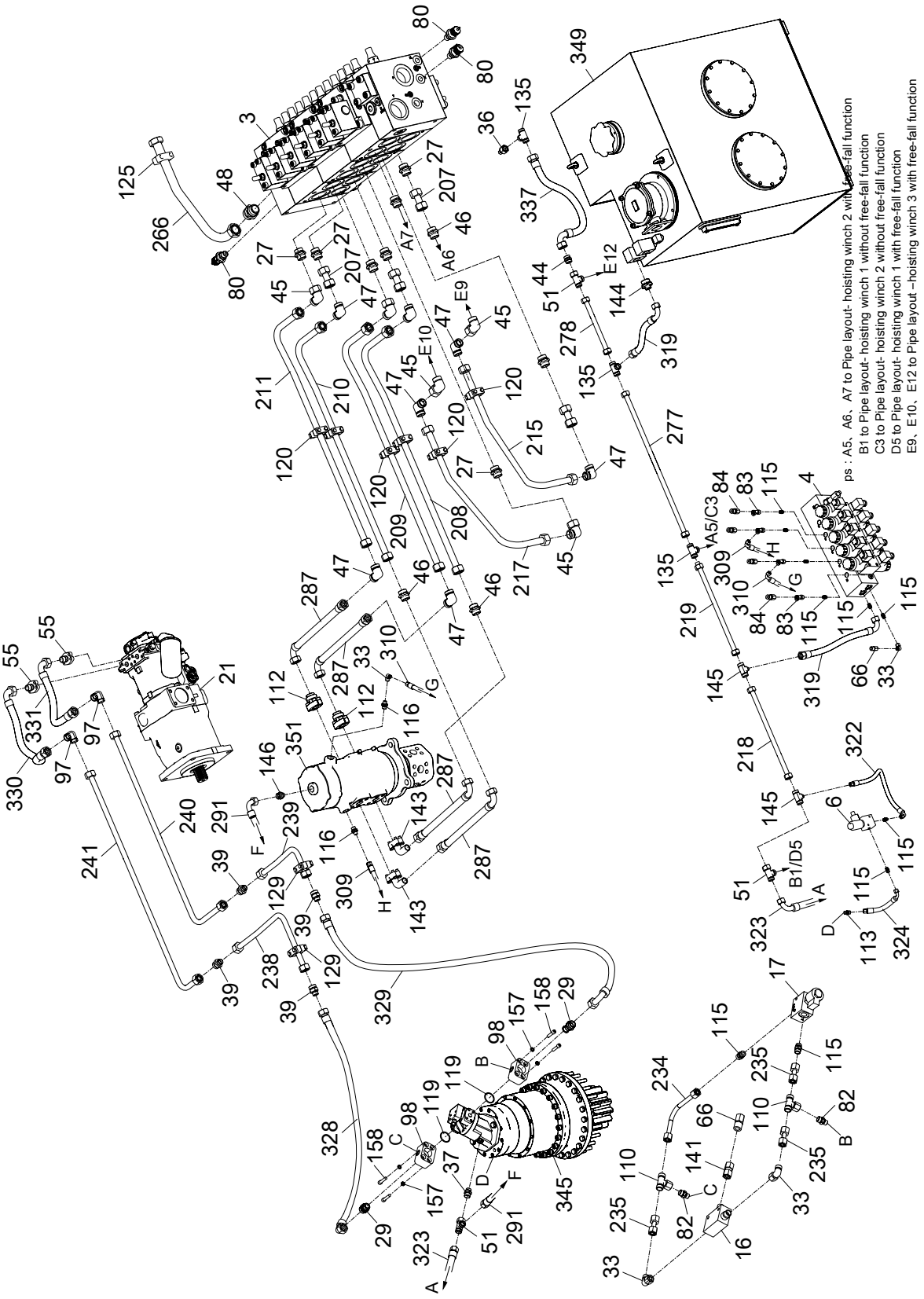
https://truckmanualshub.com/

PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Derricking system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
282	1140218474	•Hose assy.	5	
285	1140217108	•Hose assy.	2	
295	1140214290	•Hose assy.	2	
299	1140206948	•Hose assy.	4	
307	1140217373	•Hose assy.	3	
308	1140201972	•Hose assy.	1	
314	1140202205	•Hose assy.	1	
315	1140202946	•Hose assy.	1	
316	1140203977	•Hose assy.	2	
317	1140203025	•Hose assy.	1	
318	1140201809	•Hose assy.	1	
319	1140201900	•Hose assy.	5	
320	1140221261	•Hose assy.	2	
321	1140214291	•Hose assy.	1	
325	1140222882	•Hose assy.	1	
336	1140201840	•Hose assy.	2	
346		Derricking mechanism	1	
347		Ratchet wheel cylinder	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Slewing system) D00663111600000001Y



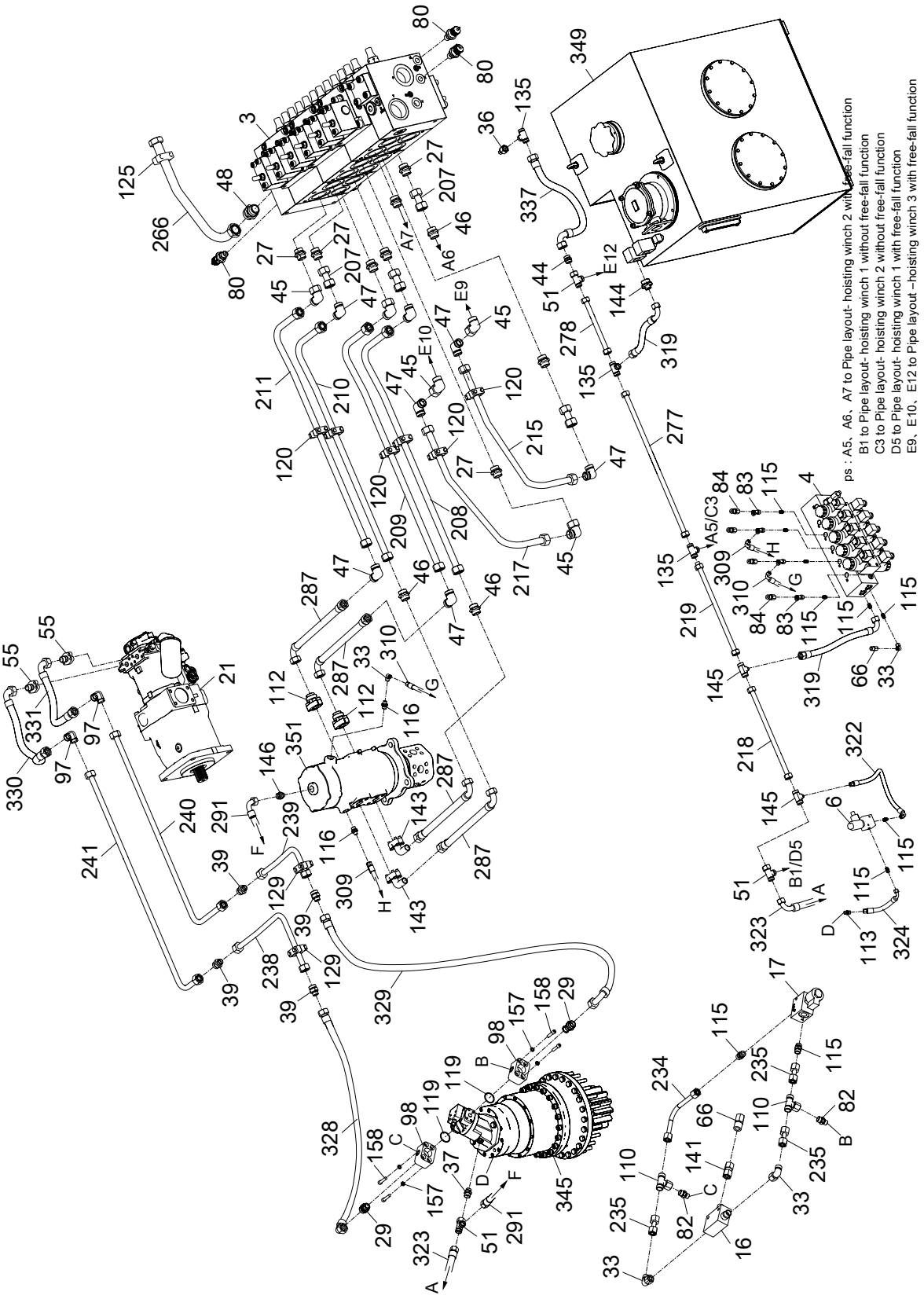
https://truckmanualshub.com/

PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Slewing system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
3	1010303899	•Main valve	1	
4	1010300433	•Control valve block I	1	
6	1010300148	•Solenoid valve	2	
16	1010300062	•Shuttle valve	1	
17	1010301868	•Control valve	1	
21	1010001164	•Tandem variable pump	1	
26	00663004811210000	•Clamp	2	
27	1140100571	•Fitting	12	
29	1140101146	•Pipe fitting	2	
33	1140100597	•Fitting	24	
36	1140100737	•Fitting	4	
37	1140100724	•Fitting	4	
39	1140100728	•Fitting	4	
44	1140100644	•Fitting	3	
45	1140100628	•Fitting	7	
46	1140100575	•Fitting	7	
47	1140100576	•Fitting	10	
48	1140100573	•Fitting	1	
51	1140100731	•Fitting	9	
55	1140101871	•Flange assembly	2	
66	1140100423	•Fitting	3	
80	1140102828	•Pressure testing joint	9	
82	1140100527	•Fitting	5	
83	1140100647	•Fitting	11	
84	1140102830	•Pressure testing joint	8	
97	1140100771	•Fitting	2	
98	00663101620001060	•Flange fitting	2	
110	1140100649	•Fitting	3	
111	1140101013	•Pipe fitting	1	
112	1140102983	•Flange assembly	2	
113	1140101002	•Pipe fitting	4	
115	1140100574	•Fitting	16	
116	1140100598	•Fitting	3	
119	1081000065	•O-ring	2	
120	1990200237	•pipe clamp	12	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Slewing system)D00663111600000001Y



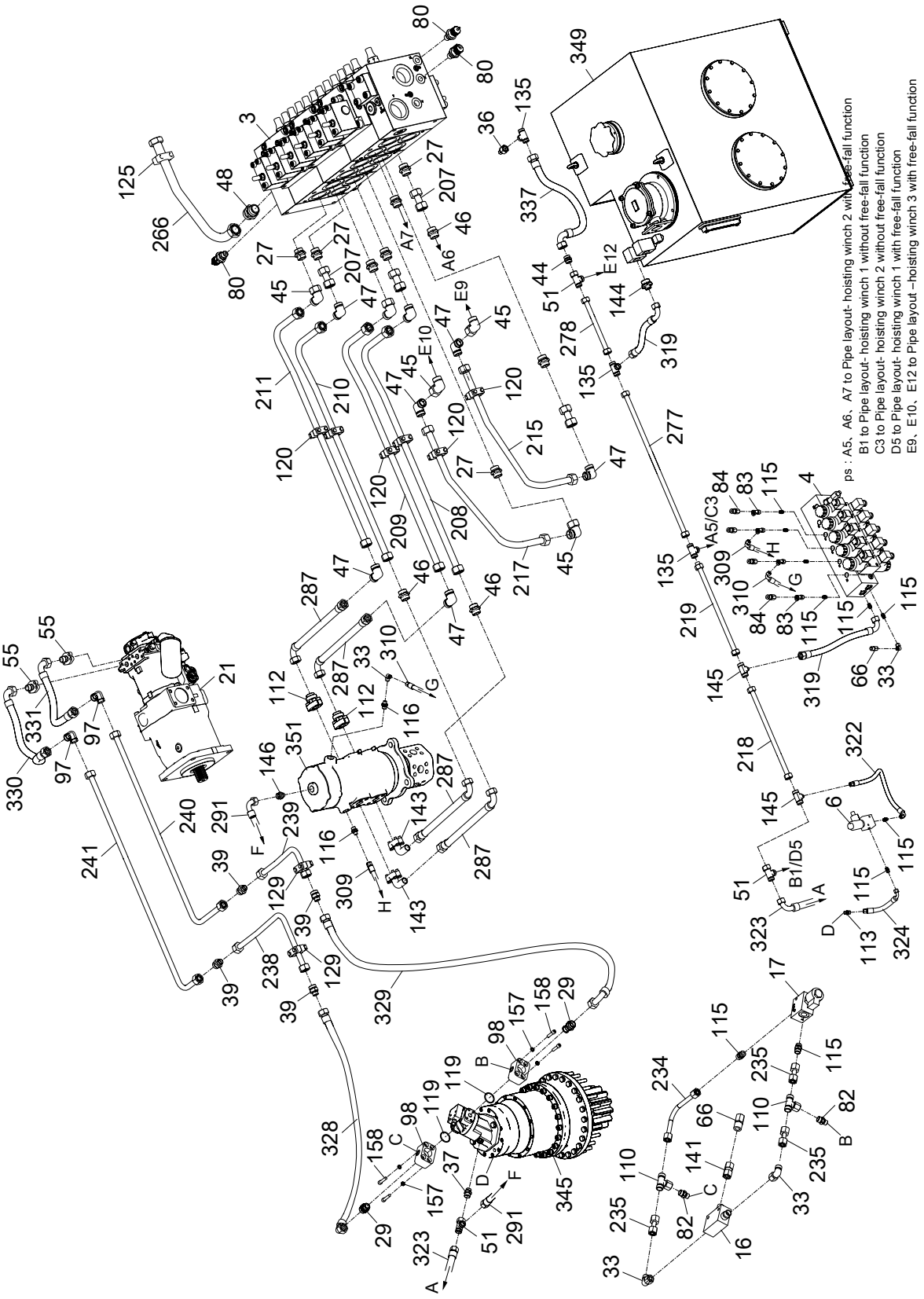
https://truckmanualshub.com/

PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Slewing system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
125	1990200236	•pipe clamp	7	
127	1990200238	•pipe clamp	12	
129	1990200240	•pipe clamp	2	
135	1140100579	•Fitting	7	
141	1140100267	•Fitting	3	
143	1140100860	•Flange assembly	3	
144	1140102506	•Pipe fitting	1	
145	1140100580	•fitting	2	
146	1140102500	•Pipe fitting	1	
157	1040300054	•Washer	52	
158	1040100028	•Screw	8	
207	00663111605120001	•Steel pipe assy.	5	
208	00663111605130001	•Steel pipe assy.	1	
209	00663111605140001	•Steel pipe assy.	1	
210	00663111605150001	•Steel pipe assy.	1	
211	00663111605160001	•Steel pipe assy.	1	
215	00663111605200001	•Steel pipe assy.	1	
217	00663111605220001	•Steel pipe assy.	1	
218	00663111605240001	•Steel pipe assy.	1	
219	00663111605260001	•Steel pipe assy.	1	
234	00663111605430001	•Steel pipe assy.	1	
235	00663111605440001	•Steel pipe assy.	3	
238	00663111605470001	•Steel pipe assy.	1	
239	00663111605480001	•Steel pipe assy.	1	
240	00663111605490001	•Steel pipe assy.	1	
241	00663111605500001	•Steel pipe assy.	1	
266	00663111605770001	•Steel pipe assy.	1	
277	00663111605880001	•Steel pipe assy.	1	
278	00663111605890001	•Steel pipe assy.	1	
287	1140204793	•Hose assy.	4	
291	1140201896	•Hose assy.	1	
309	1140215473	•Hose assy.	1	
310	1140222913	•Hose assy.	1	
319	1140201900	•Hose assy.	5	
322	1140217109	•Hose assy.	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Slewing system)D00663111600000001Y



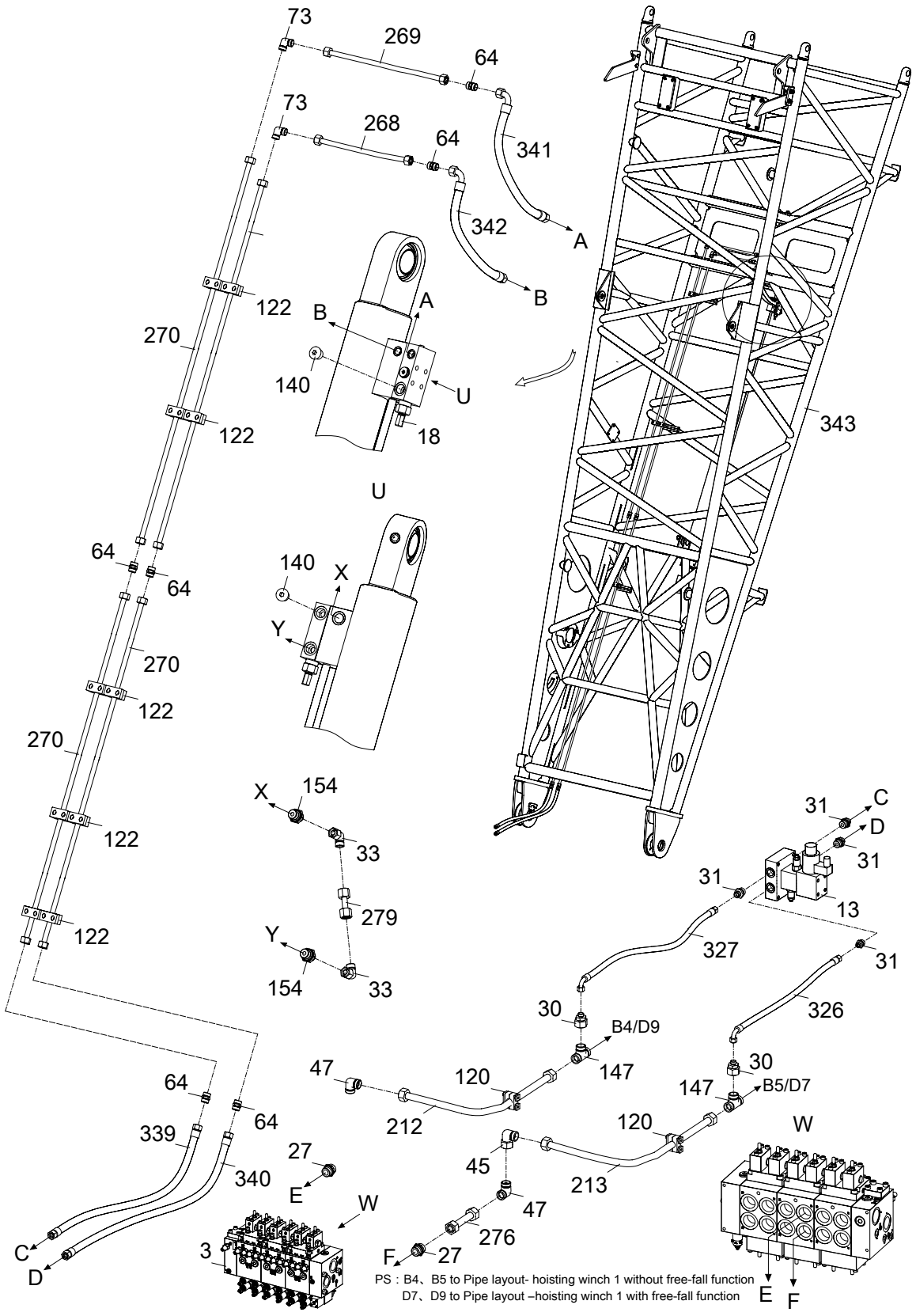
https://truckmanualshub.com/

PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Slewing system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
323	1140216857	•Hose assy.	1	
324	1140203038	•Hose assy.	1	
328	1140209106	•Hose assy.	1	
329	1140208165	•Hose assy.	1	
330	1140202708	•Hose assy.	1	
331	1140221949	•Hose assy.	1	
337	1140201897	•Hose assy.	2	
345		Slewing mechanism	1	
349		Hydraulic oil tank	1	
351		Central revolving joint	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Boom lifting system)D00663111600000001Y



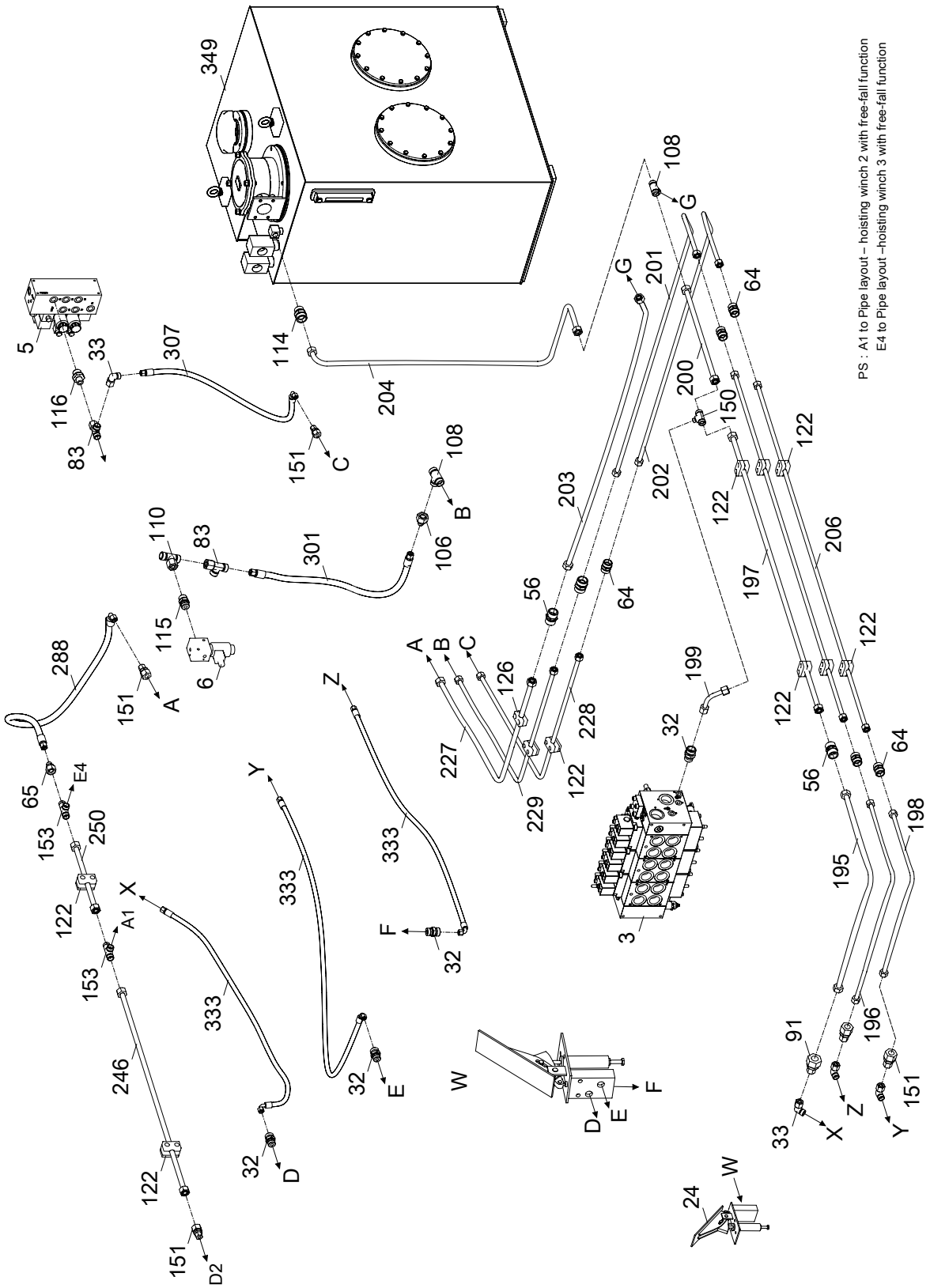
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Boom lifting system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
3	1010303899	•Main valve	1	
13	1010302667	•Boom lifting valve block	1	
18	1010300200	•Balance valve	3	
27	1140100571	•Fitting	12	
30	1140100780	•Fitting	2	
31	1140100637	•Fitting	6	
33	1140100597	•Fitting	24	
45	1140100628	•Fitting	7	
47	1140100576	•Fitting	10	
64	1140100602	•Fitting	25	
73	1140100601	•Fitting	2	
120	1990200237	•pipe clamp	12	
122	1990200213	•pipe clamp	47	
140	1140101787	•Blanking plug	6	
147	1140100629	•fitting	2	
154	1140101085	•Pipe fitting	6	
212	00663111605170001	•Steel pipe assy.	1	
213	00663111605180001	•Steel pipe assy.	1	
268	00663111605790001	•Steel pipe assy.	1	
269	00663111605800001	•Steel pipe assy.	1	
270	00663111605810001	•Steel pipe assy.	3	
271	00663111605820001	•Steel pipe assy.	1	
276	00663111605870001	•Steel pipe assy.	1	
279	00663111605960001	•Steel pipe assy.	3	
326	1140235719	•Hose assy.	1	
327	1140235721	•Hose assy.	1	
339	1140220409	•Hose assy.	1	
340	1140216997	•Hose assy.	1	
341	1140202936	•Hose assy.	1	
342	1140202437	•Hose assy.	1	
343	00663110400000000	Slewing table attachments welded	1	
344		Main boom pivot section assy.	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Control system)D00663111600000001Y



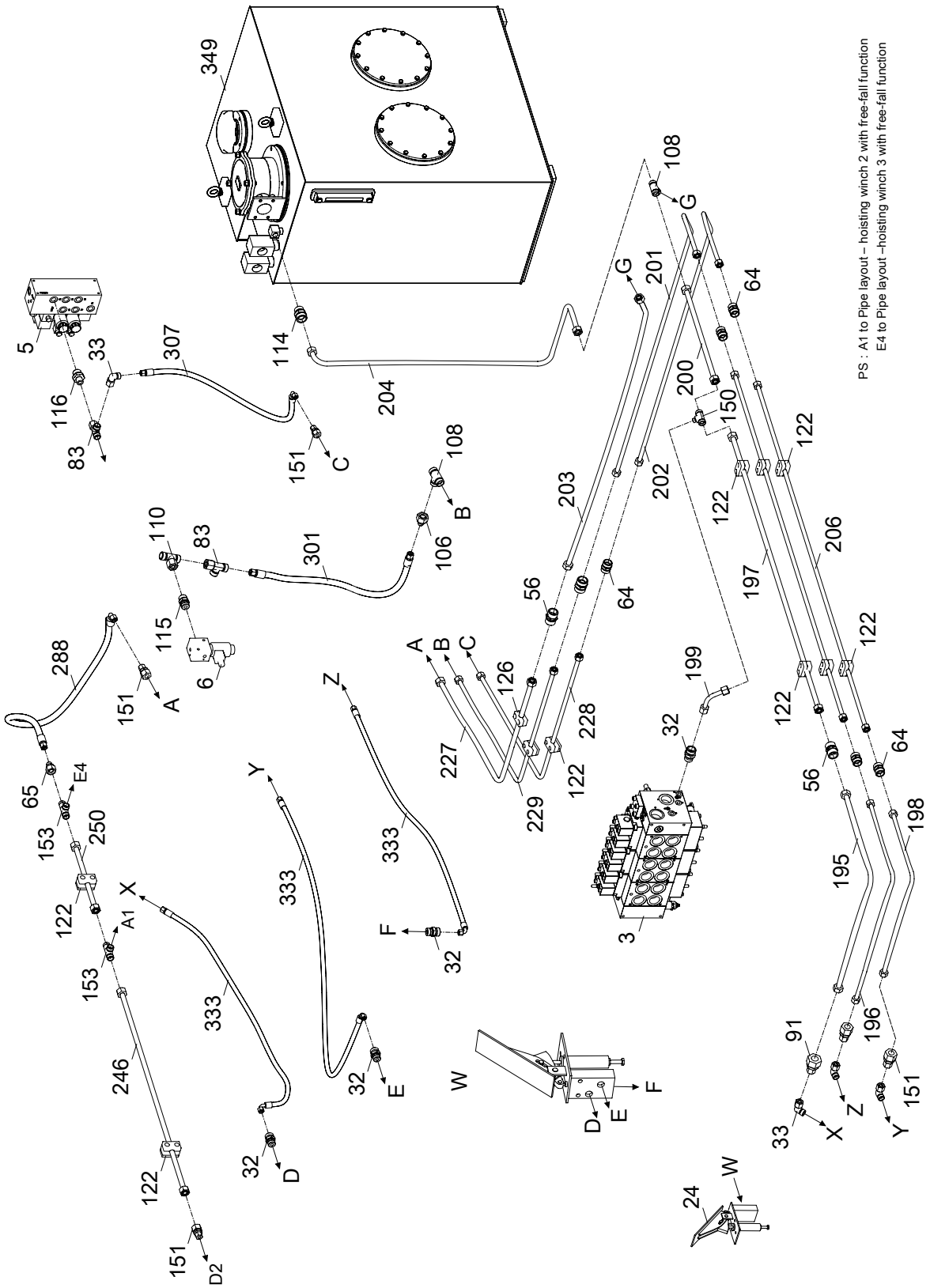
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Control system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
3	1010303899	•Main valve	1	
5	1010303898	•Control valve block	1	
6	1010300148	•Solenoid valve	2	
24	1010300366	•Pilot valve	1	
32	1140100572	•Fitting	12	
33	1140100597	•Fitting	24	
56	1140100623	•Fitting	4	
64	1140100602	•Fitting	25	
65	1140100733	•Fitting	3	
83	1140100647	•Fitting	11	
91	1140100739	•Fitting	2	
106	1140100664	•Fitting	3	
108	1140100609	•Fitting	3	
110	1140100649	•Fitting	3	
114	1140100591	•Fitting	1	
115	1140100574	•Fitting	16	
116	1140100598	•Fitting	3	
122	1990200213	•pipe clamp	47	
126	1190200242	•pipe clamp	3	
147	1140100629	•fitting	2	
150	1140100654	•fitting	3	
151	1149900149	•Transition fitting	10	
153	1140100589	•fitting	4	
195	00663111605000001	•Steel pipe assy.	1	
196	00663111605010001	•Steel pipe assy.	1	
197	00663111605020001	•Steel pipe assy.	1	
198	00663111605030001	•Steel pipe assy.	1	
199	00663111605040001	•Steel pipe assy.	1	
200	00663111605050001	•Steel pipe assy.	1	
201	00663111605060001	•Steel pipe assy.	1	
202	00663111605070001	•Steel pipe assy.	1	
203	00663111605080001	•Steel pipe assy.	1	
204	00663111605090001	•Steel pipe assy.	1	
206	00663111605110001	•Steel pipe assy.	2	
227	00663111605360001	•Steel pipe assy.	1	

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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Control system)D00663111600000001Y



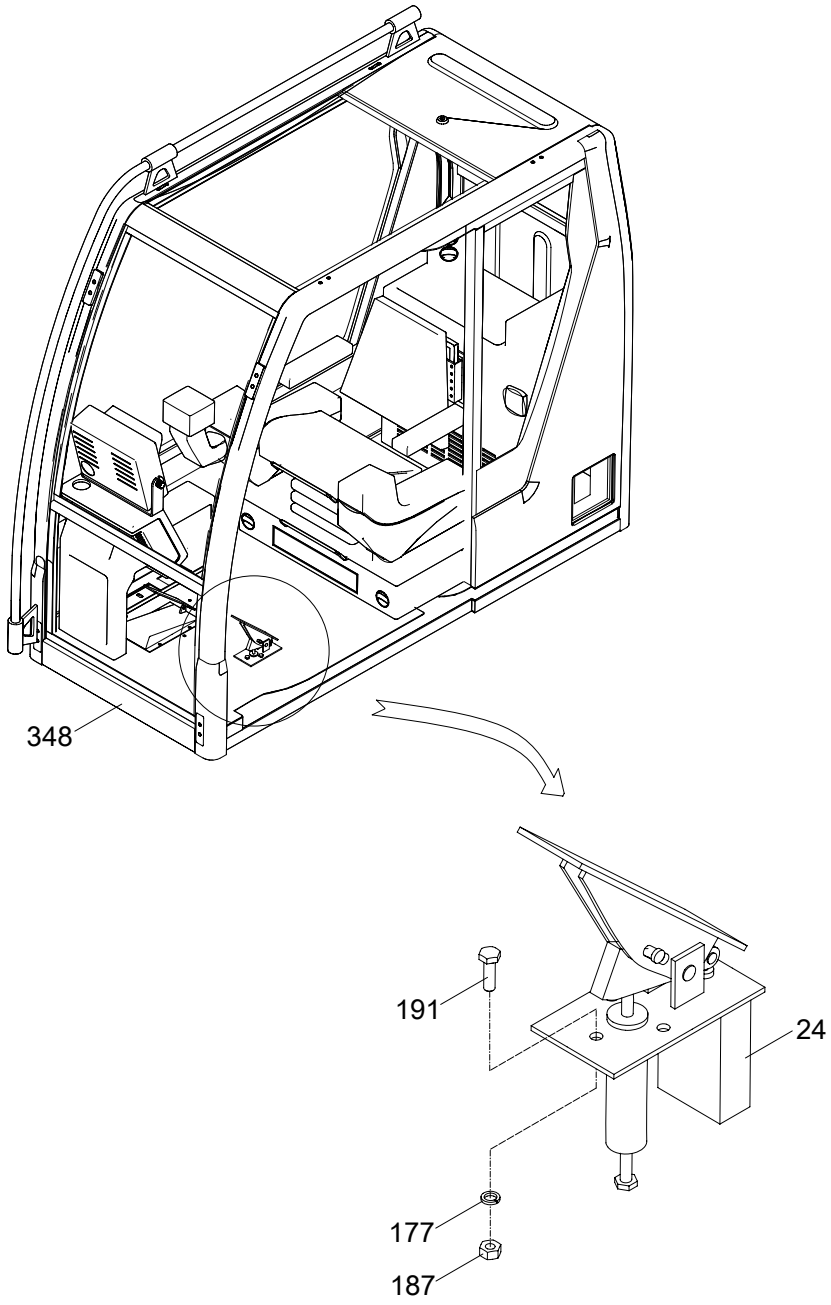
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PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM (Control system)D00663111600000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
228	00663111605370001	•Steel pipe assy.	1	
229	00663111605380001	•Steel pipe assy.	1	
246	00663111605550001	•Steel pipe assy.	2	
250	00663111605590001	•Steel pipe assy.	2	
288	1140203044	•Hose assy.	1	
301	1140217432	•Hose assy.	1	
307	1140217373	•Hose assy.	3	
333	1140208271	•Hose assy.	3	
349		Hydraulic oil tank	1	

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PILOT VALVE INSTALLATION D00663114802400000Y



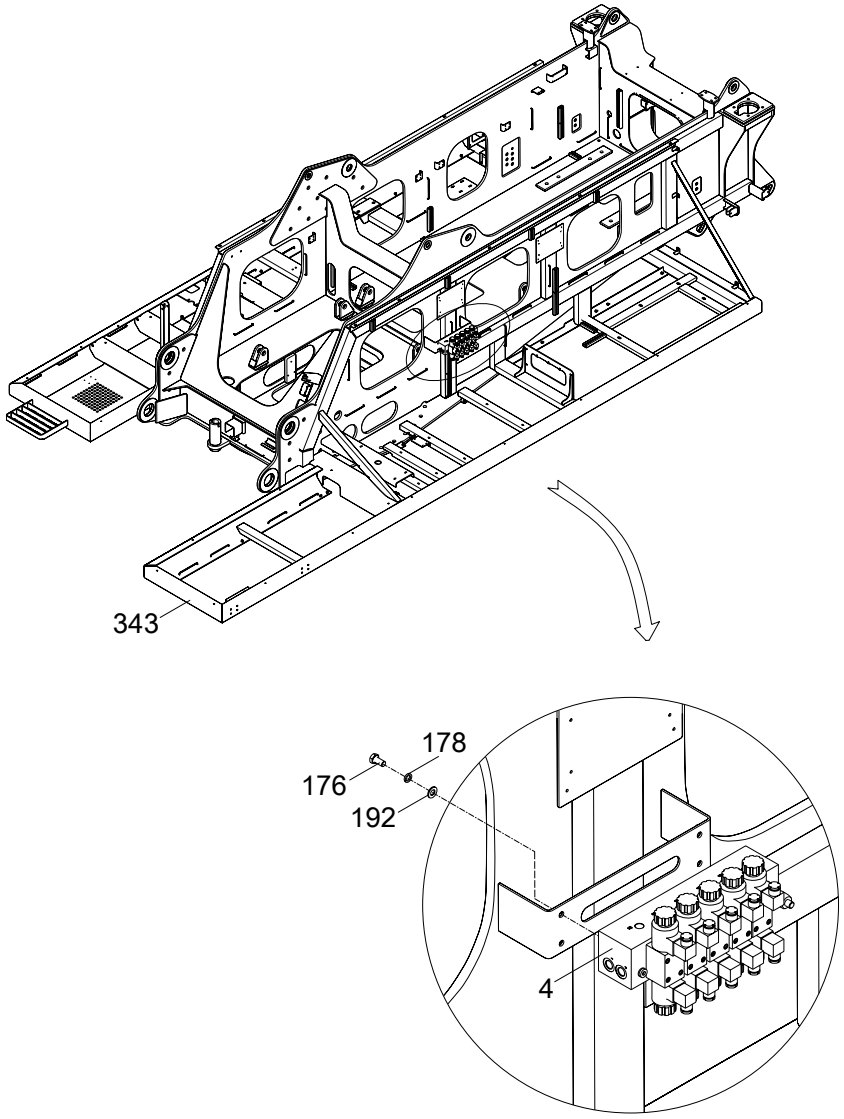
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PILOT VALVE INSTALLATION D00663114802400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
24	1010300366	•Pilot valve	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
177	1040300063	•Washer	15	
187	1040200192	•Nut	3	
191	1040000288	•Bolt	3	
348		Operator's cab assy.	1	

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CONTROL VALVE INSTALLATION D000663114800800000Y



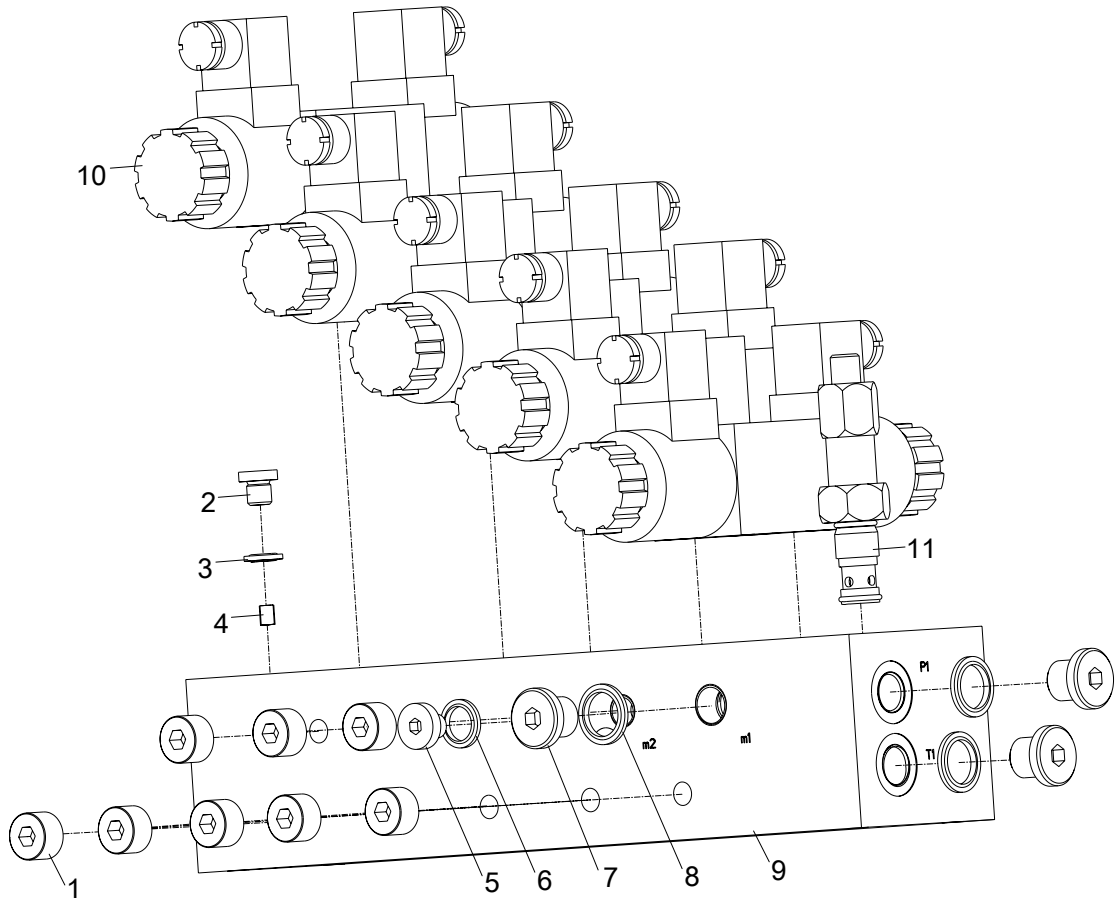
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CONTROL VALVE INSTALLATION D00066311480080000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
4	1010300433	•Control valve block I	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
176	1040000116	•Bolt	4	
178	1040300067	•Washer	8	
192	1040300061	•Washer	4	
343	00663110400000000	Slewing table attachments welded	1	

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CONTROL VALVE BLOCK I
D1010300433_100029Y



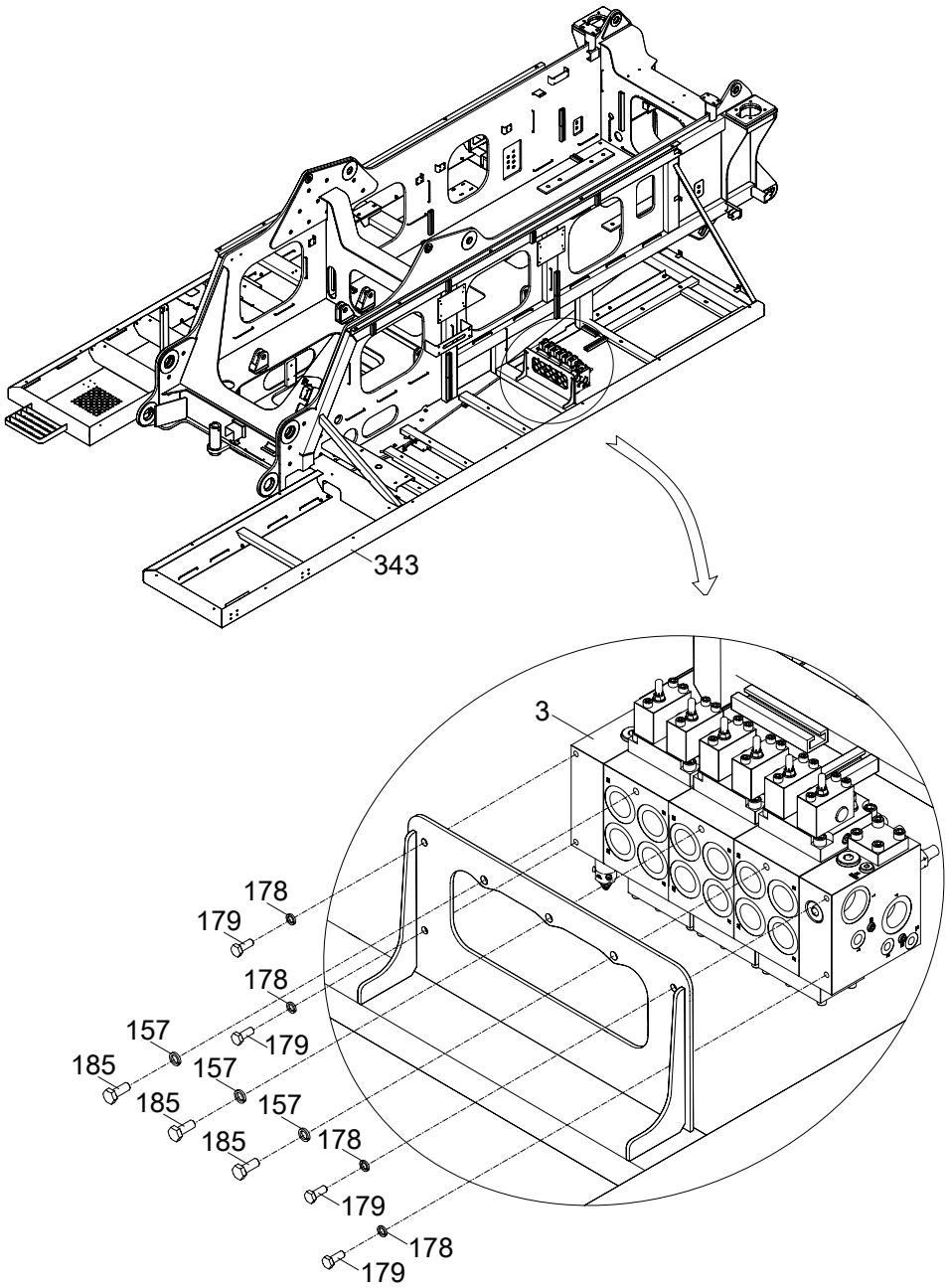
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CONTROL VALVE BLOCK I
D1010300433_100029Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010300433	Control valve block I		
1	(1)	•Threaded plug	9	
2	(2)	•Plug	1	
3	(3)	•Combination washer	1	
4	(4)	•Damping plug	1	
5	(5)	•Plug	1	
6	(6)	•Combination washer	1	
7	(7)	•Plug	3	
8	(8)	•Combination washer	3	
9	(9)	•Valve body	1	
10	(10)	•Solenoid directional control valve	5	
11	(11)	•Solenoid ball valve	1	

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MAIN VALVE INSTALLATION D00663114800200000Y



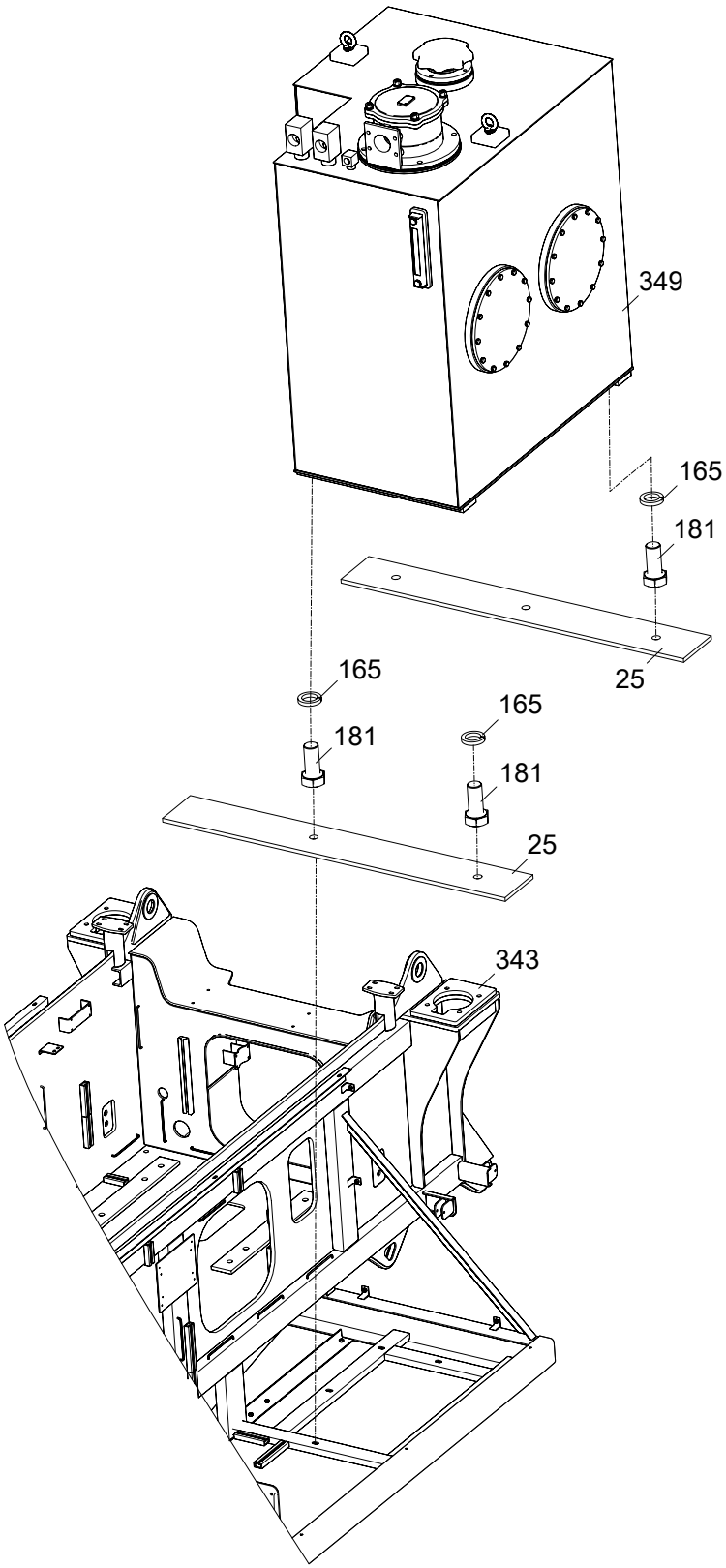
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MAIN VALVE INSTALLATION D00663114800200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
3	1010303899	•Main valve	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
157	1040300054	•Washer	52	
178	1040300067	•Washer	8	
179	1040000114	•Bolt	4	
185	1040000108	•Bolt	3	
343	00663110400000000	Slewing table attachments welded	1	

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HYDRAULIC OIL TANK INSTALLATION D00663114800400000Y



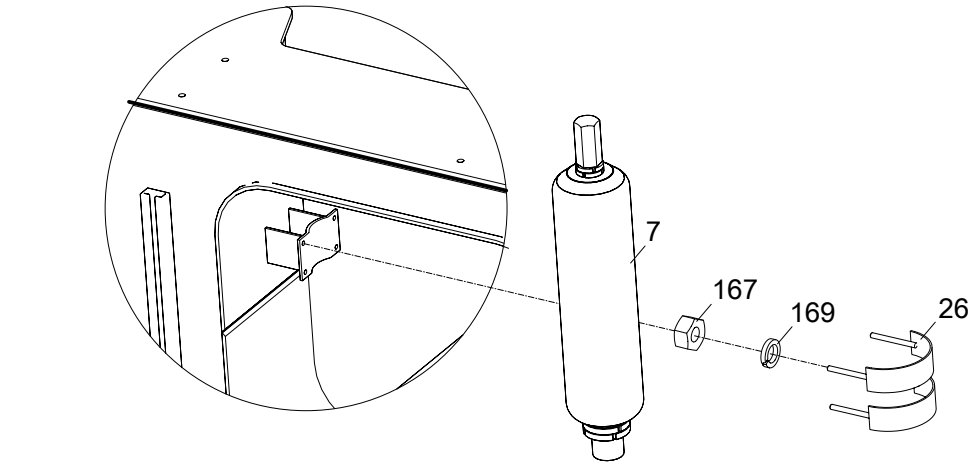
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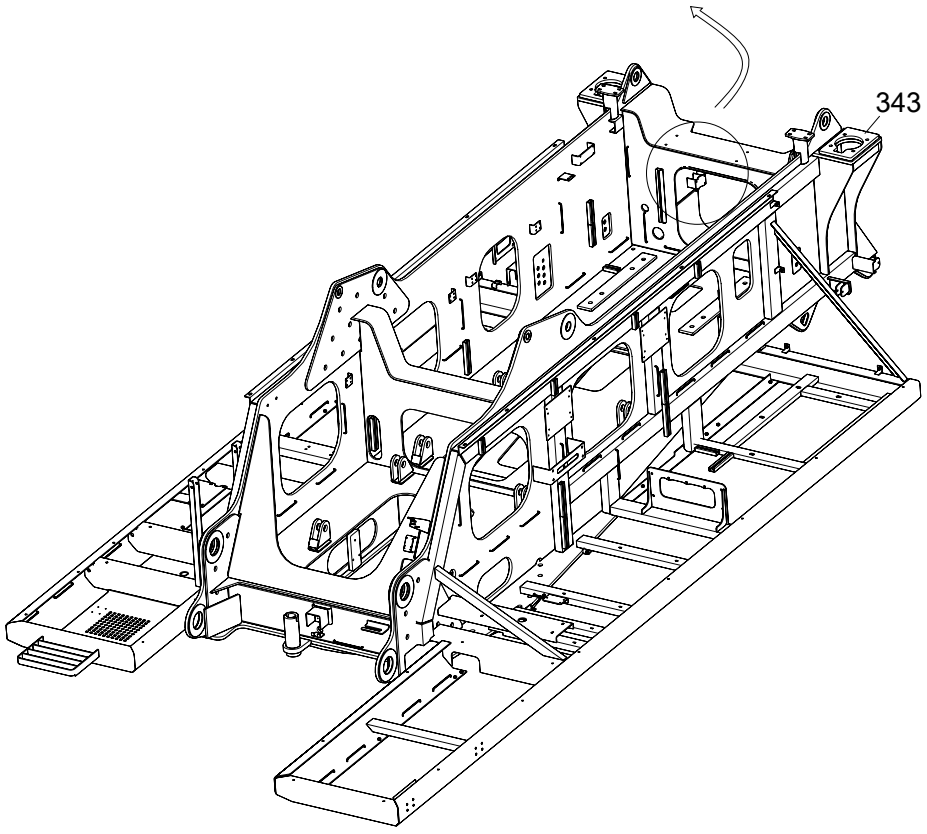
HYDRAULIC OIL TANK INSTALLATION D00663114800400000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
25	00660514800201010	•Felt board	2	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
165	1040300065	•Washer	15	
181	1040000016	•Bolt	11	
343	00663110400000000	Slewing table attachments welded	1	
349		Hydraulic oil tank	1	

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ACCUMULATOR INSTALLATION D00663004811200000Y





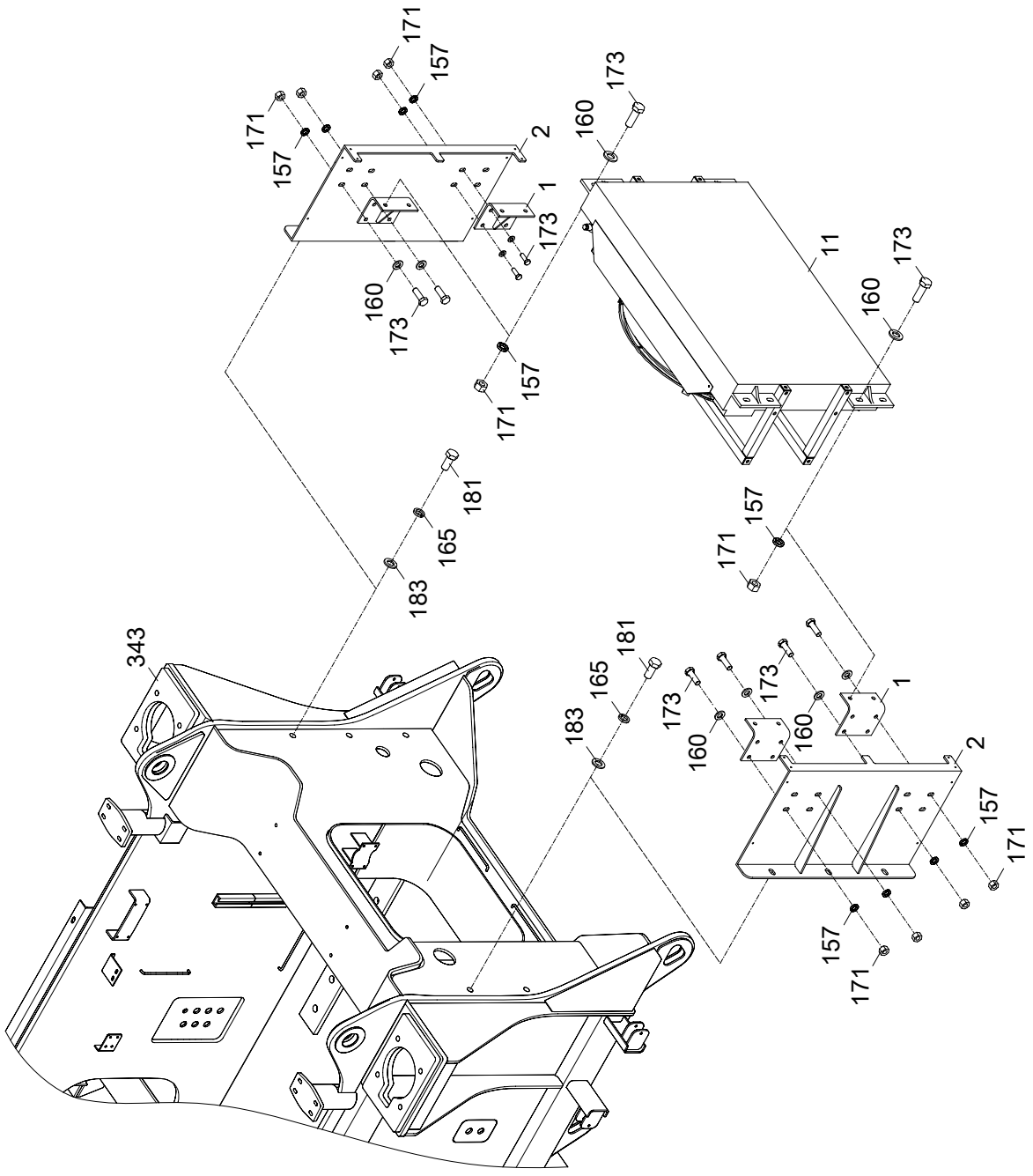
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ACCUMULATOR INSTALLATION D00663004811200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
7	1010800009	•Accumulator	1	
26	00663004811210000	•Clamp	2	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
167	1040200111	•Nut	10	
169	1040300062	•Washer	14	
343	00663110400000000	Slewing table attachments welded	1	

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OIL COOLER INSTALLATION D00663114800600000Y



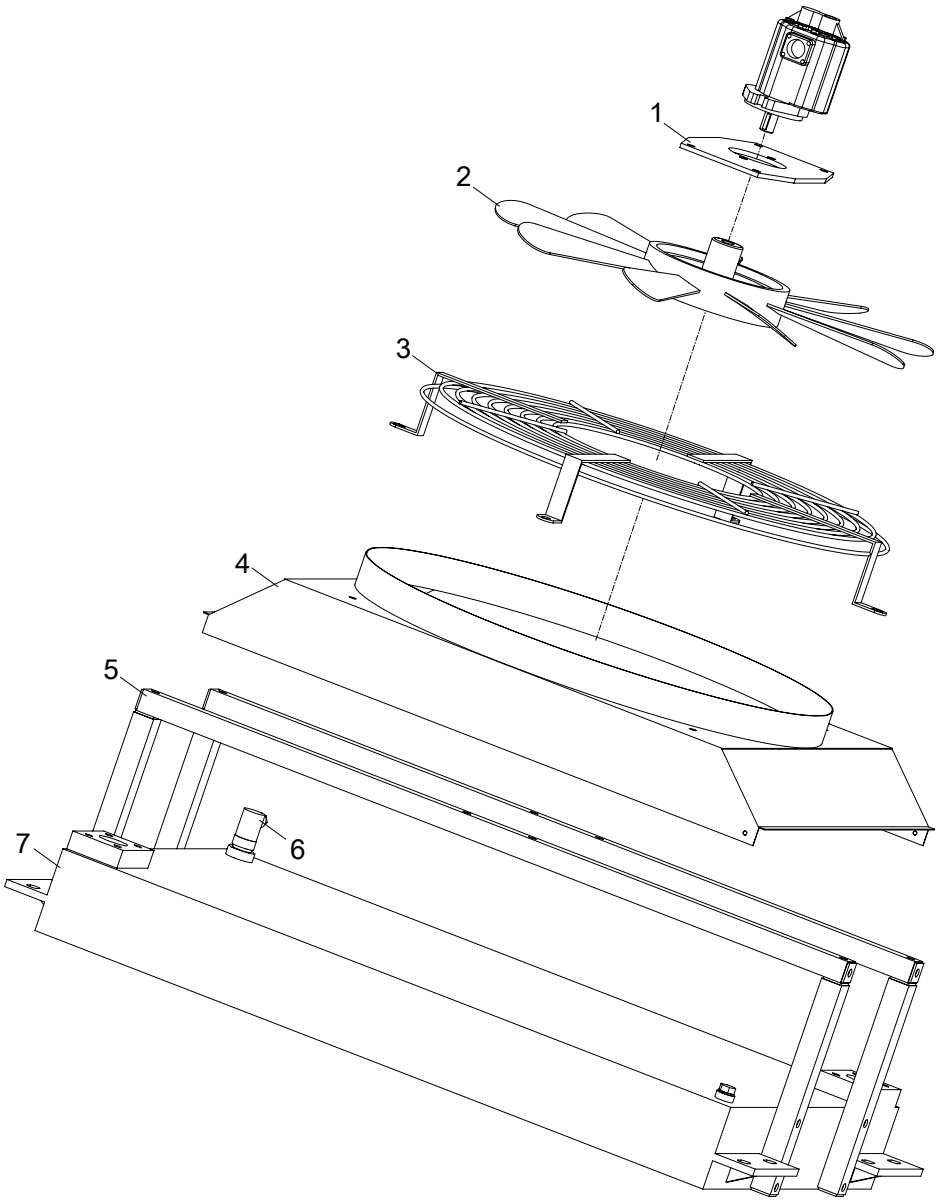
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OIL COOLER INSTALLATION D00663114800600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
1	00663504804010000	•Support	4	
2	00663114800610000	•Radiator mounting bracket	2	
11	1010400009	•Radiator device	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
157	1040300054	•Washer	52	
160	1040300041	•Washer	37	
165	1040300065	•Washer	15	
171	1040200096	•Nut	24	
173	1040000094	•Bolt	24	
181	1040000016	•Bolt	11	
183	1040300052	•Washer	6	
343	00663110400000000	Slewing table attachments welded	1	

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RADIATOR DEVICE
D1010400009_100026Y



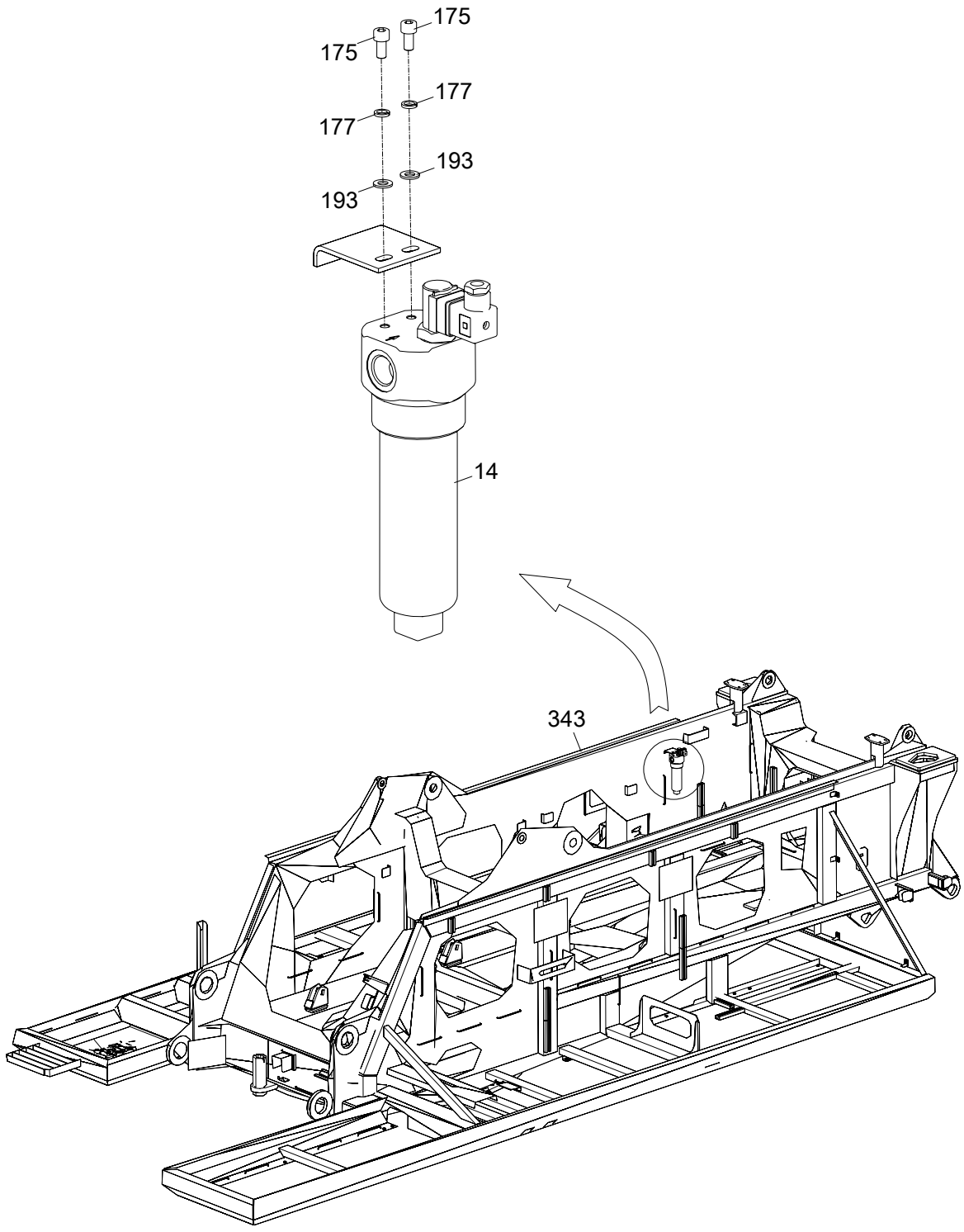
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RADIATOR DEVICE
D1010400009_100026Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010400009	Radiator device		
1	1019804071	•Gear fan motor	1	
2	1019805418	•Fan assembly	1	
3	1019805419	•Shroud assembly	1	
4	1019805420	•Hood assembly	1	
5	1019805421	•Support assembly	1	
6	1020500560	•Thermostat	1	
7	1019805422	•Heat exchanger	1	

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PRESSURE OIL FILTER INSTALLATION D00663114802800000Y



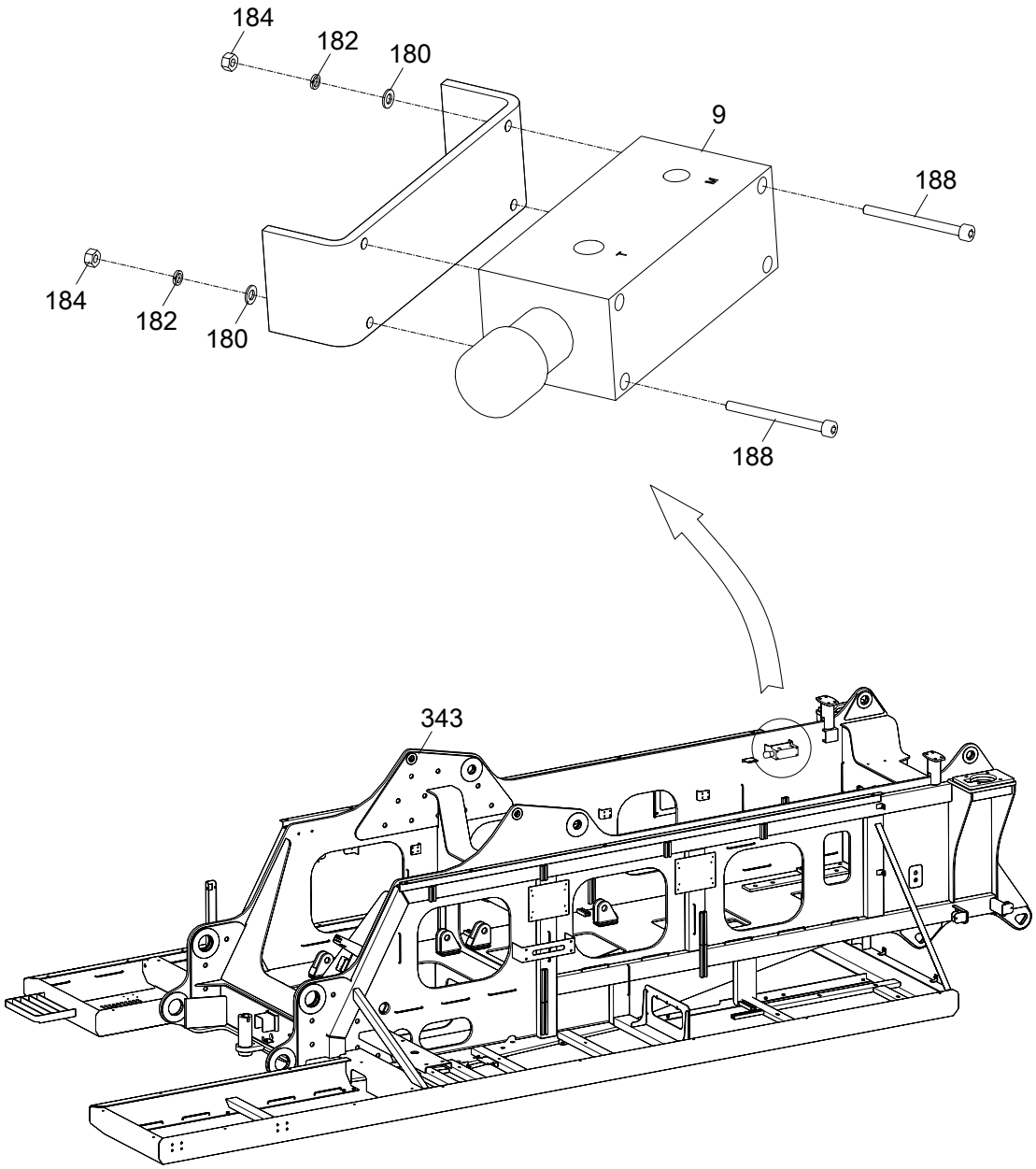
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PRESSURE OIL FILTER INSTALLATION D00663114802800000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
14	1010600005	•Pressure oil filter	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
175	1040100062	•Screw	2	
177	1040300063	•Washer	15	
193	1040300938	•Washer	2	
343	00663110400000000	Slewing table attachments welded	1	

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CONTROL PRESSURE RELIEF VALVE INSTALLATION D00663114801200000Y



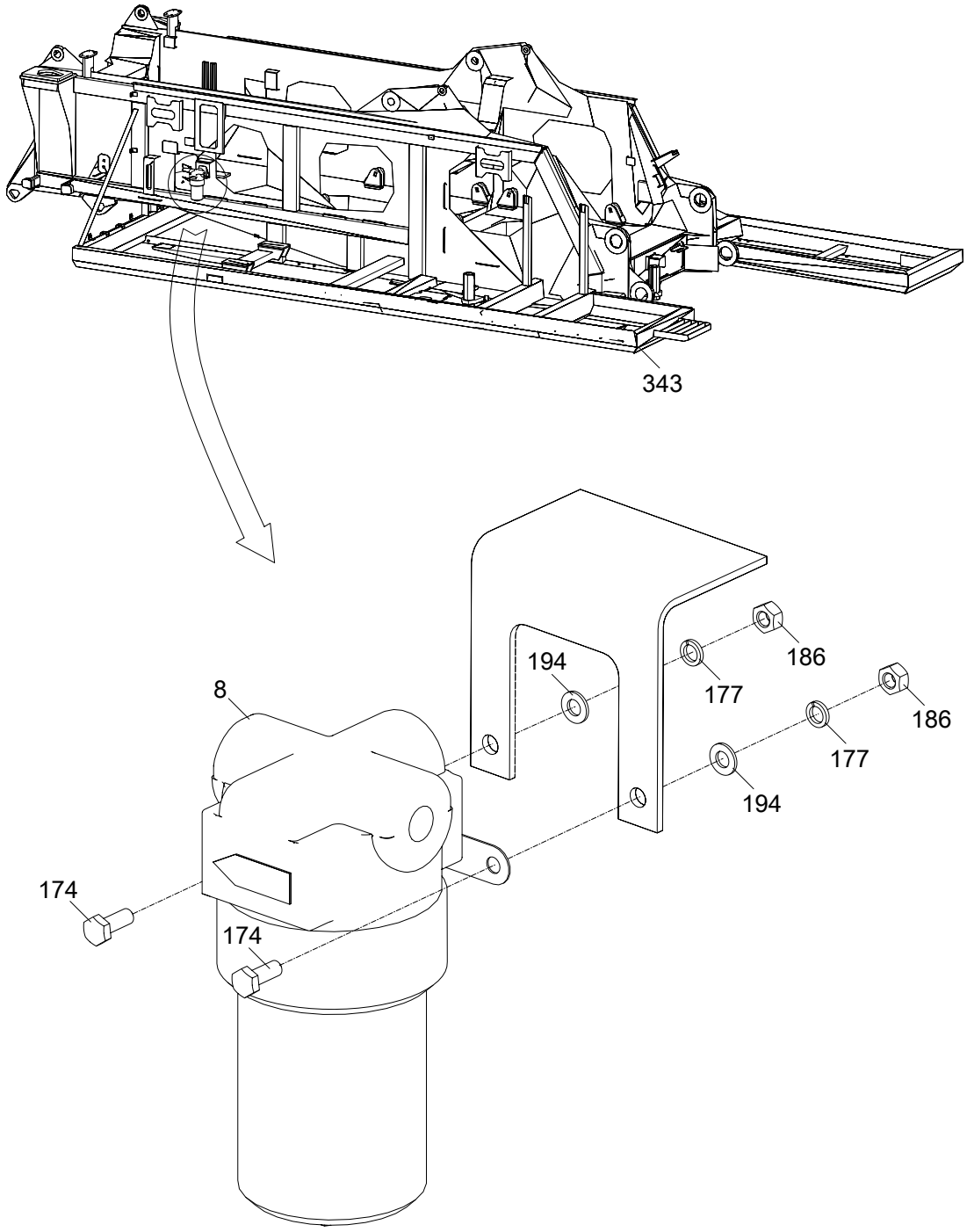
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CONTROL PRESSURE RELIEF VALVE INSTALLATION D00663114801200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
9	1010302669	•Overflow valve	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
180	1040300048	•Washer	4	
182	1040300060	•Washer	4	
184	1040200107	•Nut	4	
188	1040100660	•Screw	4	
343	00663110400000000	Slewing table attachments welded	1	

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FILTER INSTALLATION OF WINCH WITH FREE-FALL FUNCTION D00663114801000000Y



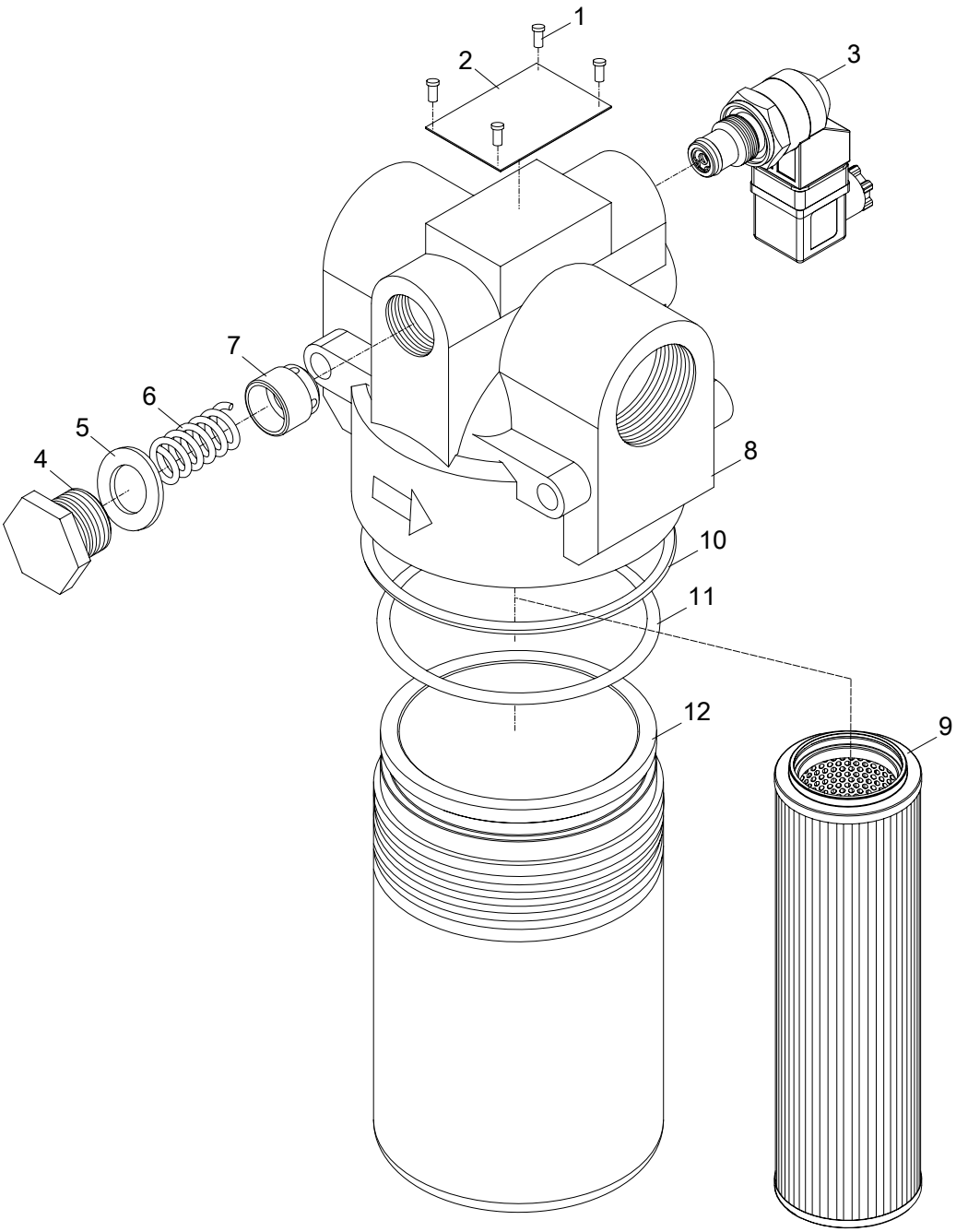
https://truckmanualshub.com/

FILTER INSTALLATION OF WINCH WITH FREE-FALL FUNCTION D00663114801000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
8	1010600016	•Pressure oil filter	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
174	1040000267	•Bolt	10	
177	1040300063	•Washer	15	
186	1040201078	•Nut	2	
194	1040301735	•Washer	2	
343	00663110400000000	Slewing table attachments welded	1	

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PRESSURE OIL FILTER
D1010600016_101375Y



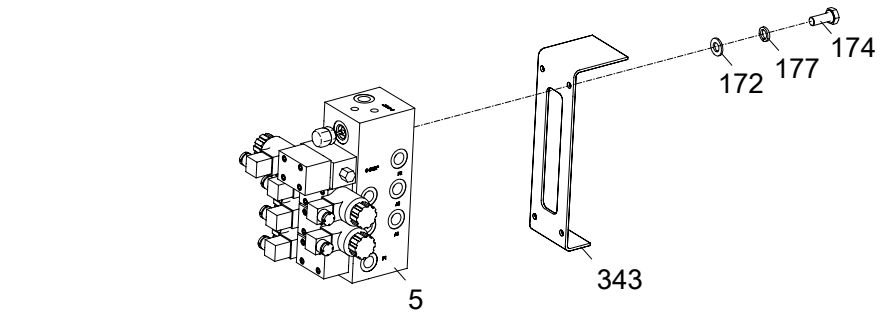
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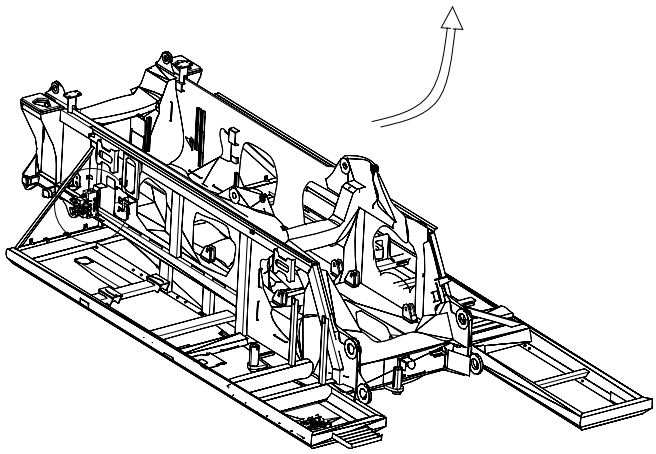
PRESSURE OIL FILTER
D1010600016_101375Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010600016	Pressure oil filter		
1	1040400045	•Rivet	4	
2	(1)	•Name plate	1	
3	1019804144	•Pressure differential transmitter	1	
4	(2)	•Bypass valve plug	1	
5	1040301487	•Combination washer	1	
6	(3)	•Bypass valve spring	1	
7	1019804146	•Bypass valve core	1	
8	(4)	•Filter knob	1	
9	1019804160	•Oil filter cartridge	1	
10	1019804145	•Retainer ring	1	
11	1081000619	•O-ring	1	
12	(5)	•Filter drum	1	
13	1010600084	•Pressure hydraulic oil filter element	1	E

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UPGRADE COUNTERWEIGHT CYLINDER VALVE INSTALLATION D00663114803000000Y





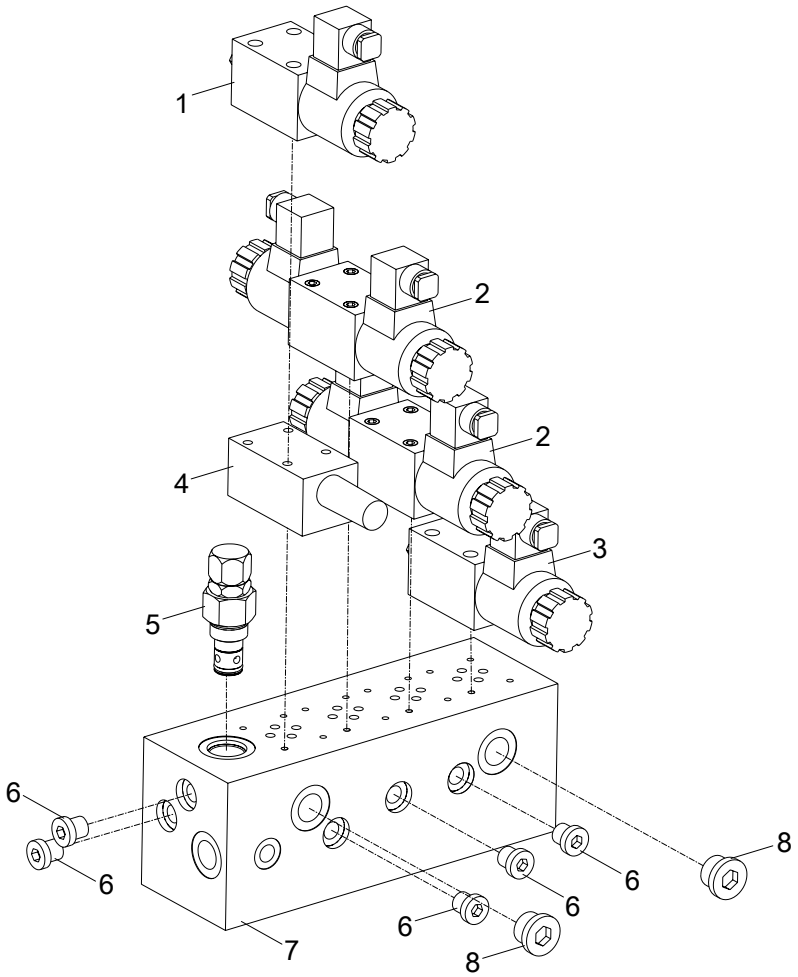
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UPGRADE COUNTERWEIGHT CYLINDER VALVE INSTALLATION D00663114803000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
5	1010303898	•Control valve block	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
172	1040300066	•Washer	8	
174	1040000267	•Bolt	10	
177	1040300063	•Washer	15	
343	00663110400000000	Slewing table attachments welded	1	

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CONTROL VALVE BLOCK
D1010303898_100029Y



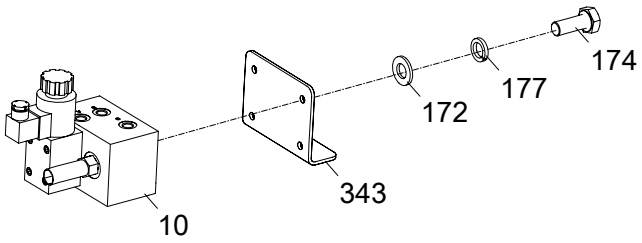
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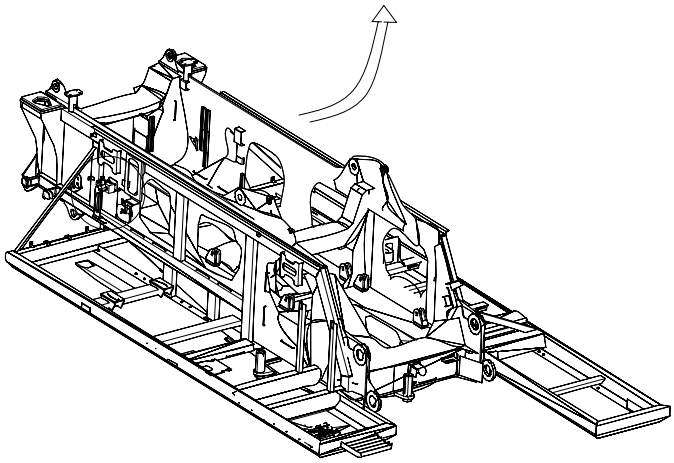
CONTROL VALVE BLOCK
D1010303898_100029Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010303898	Control valve block		
1	(1)	•Solenoid valve	1	
2	(2)	•Solenoid valve	2	
3	(3)	•Solenoid valve	1	
4	(4)	•Overflow valve	1	
5	(5)	•Overflow valve	1	
6	(6)	•Blanking plug G1/4	5	
7	(7)	•Valve body	1	
8	(8)	•Blanking plug G1/2	2	

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CONSTANT PRESSURE PUMP CONTROL VALVE INSTALLATION D00663114803200000Y





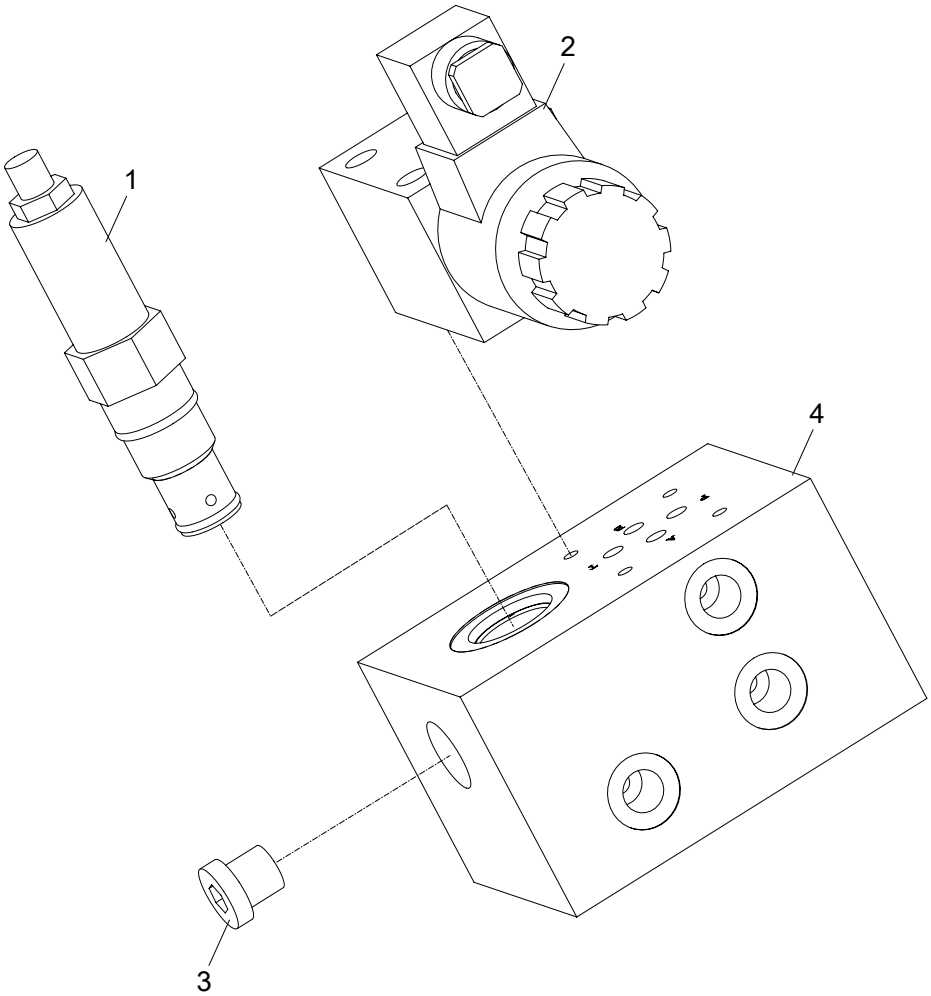
https://truckmanualshub.com/

CONSTANT PRESSURE PUMP CONTROL VALVE INSTALLATION D00663114803200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
10	1010303895	•Control valve block	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
172	1040300066	•Washer	8	
174	1040000267	•Bolt	10	
177	1040300063	•Washer	15	
343	00663110400000000	Slewing table attachments welded	1	

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CONTROL VALVE BLOCK
D1010303895_100029Y



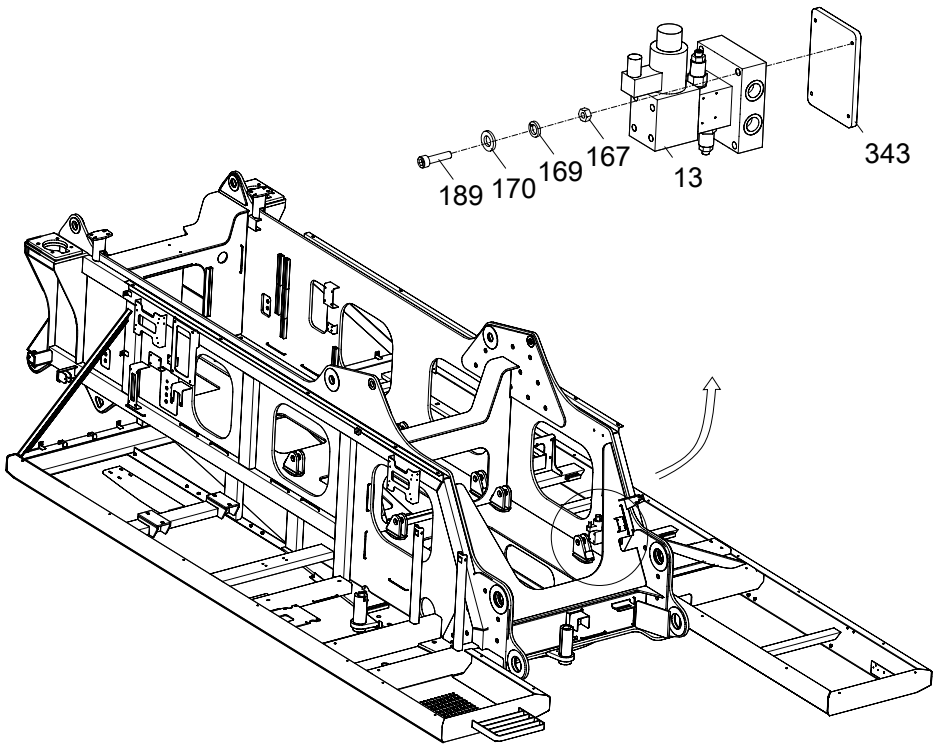
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CONTROL VALVE BLOCK
D1010303895_100029Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010303895	Control valve block		
1	(1)	•Overflow valve	1	
2	(2)	•Solenoid valve	1	
3	(3)	•Blanking plug	1	
4	(4)	•Valve body	1	

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LIFTING VALVE BLOCK INSTALLATION D00663114802200000Y



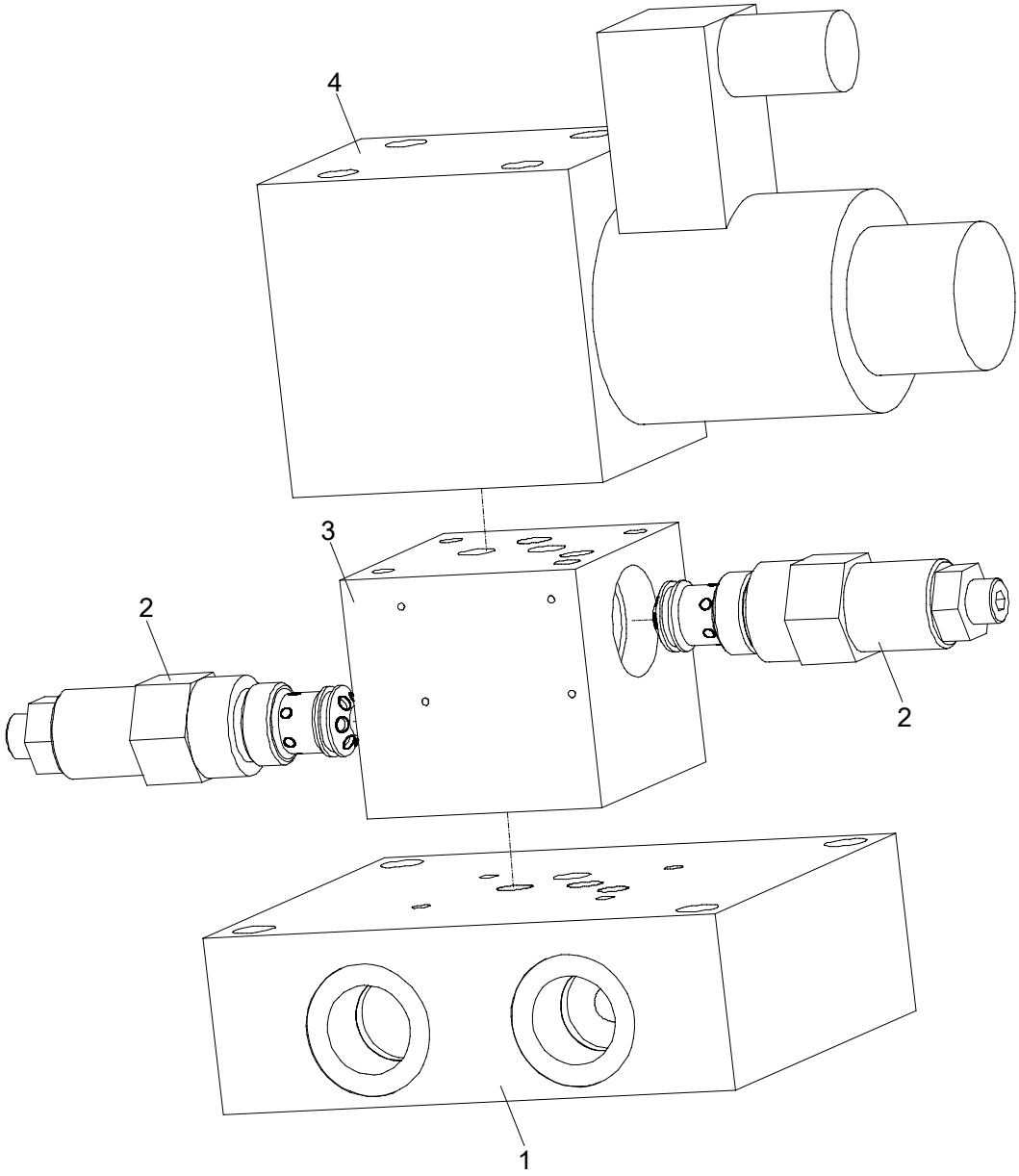
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LIFTING VALVE BLOCK INSTALLATION D00663114802200000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
13	1010302667	•Boom lifting valve block	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
167	1040200111	•Nut	10	
169	1040300062	•Washer	14	
170	1040300051	•Washer	4	
189	1040100105	•Screw	4	
343	00663110400000000	Slewing table attachments welded	1	

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BOOM LIFTING VALVE BLOCK
D1010302667_6500Y



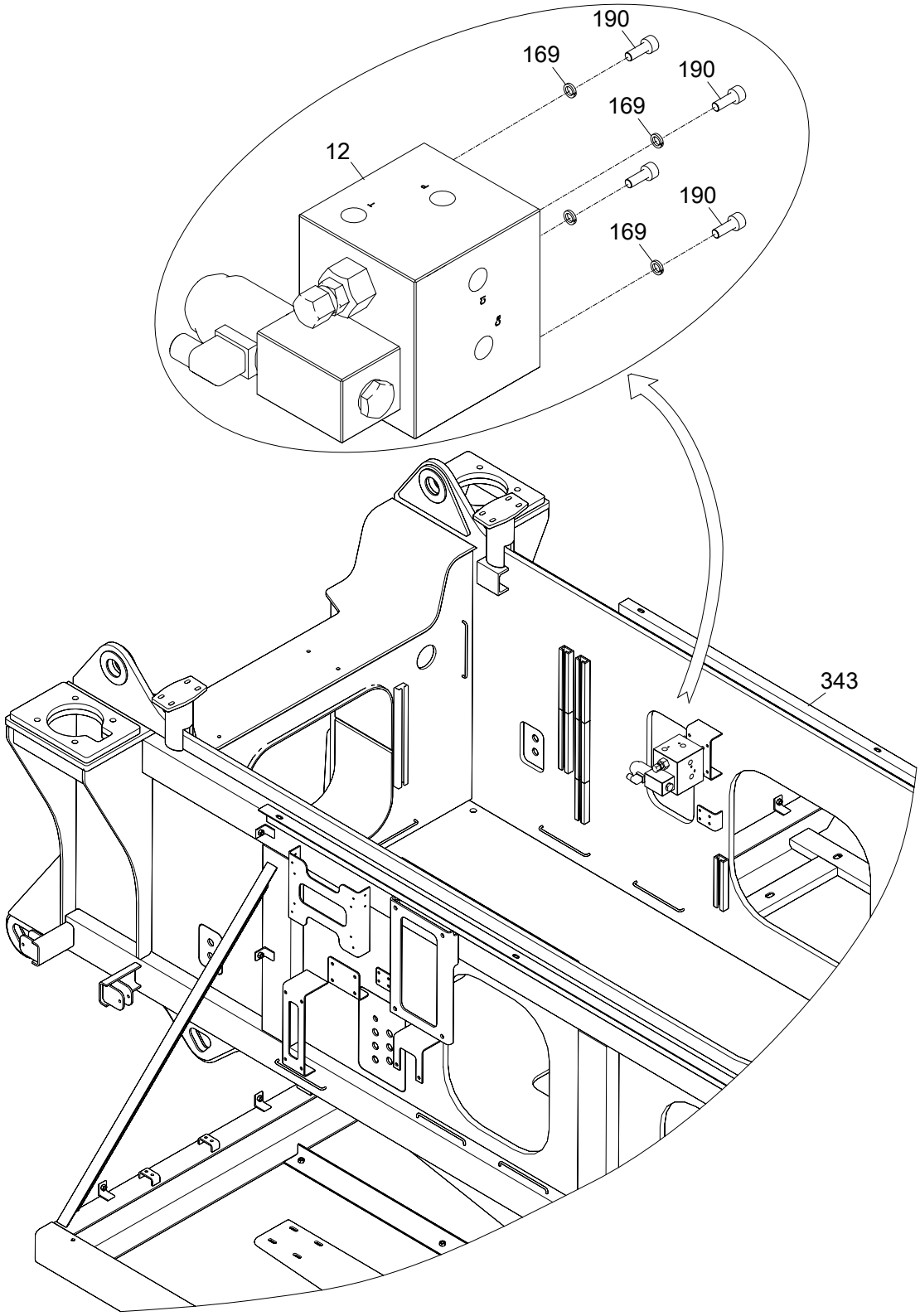
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BOOM LIFTING VALVE BLOCK
D1010302667_6500Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010302667	Boom lifting valve block		
1	1019804589	•Valve body	1	
2	1019804542	•Overflow valve	2	
3	1019804590	•Transition block	1	
4	1019804543	•Solenoid directional control valve	1	

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COOLER INSTALLATION D00663114802000000Y



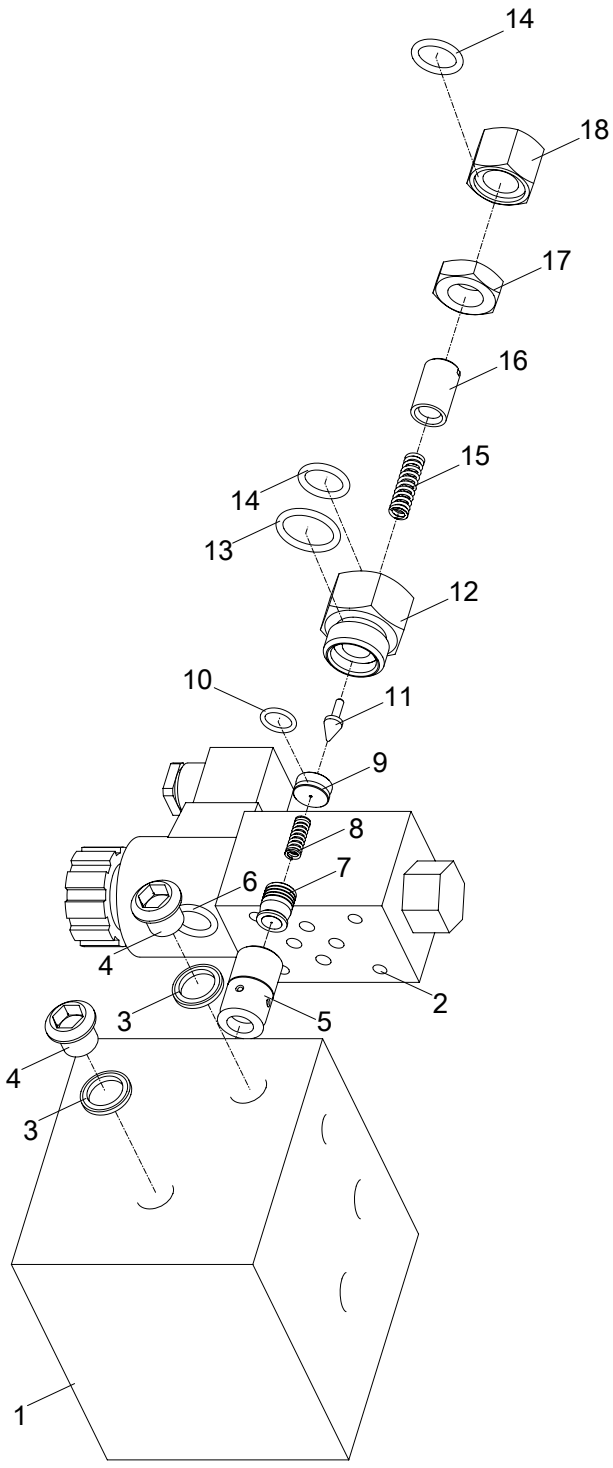
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COOLER INSTALLATION D00663114802000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
12	1010300423	•Combination valve	1	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
169	1040300062	•Washer	14	
190	1040100058	•Screw	4	
343	00663110400000000	Slewing table attachments welded	1	

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COMBINATION VALVE BLOCK
D1010300423_100029Y



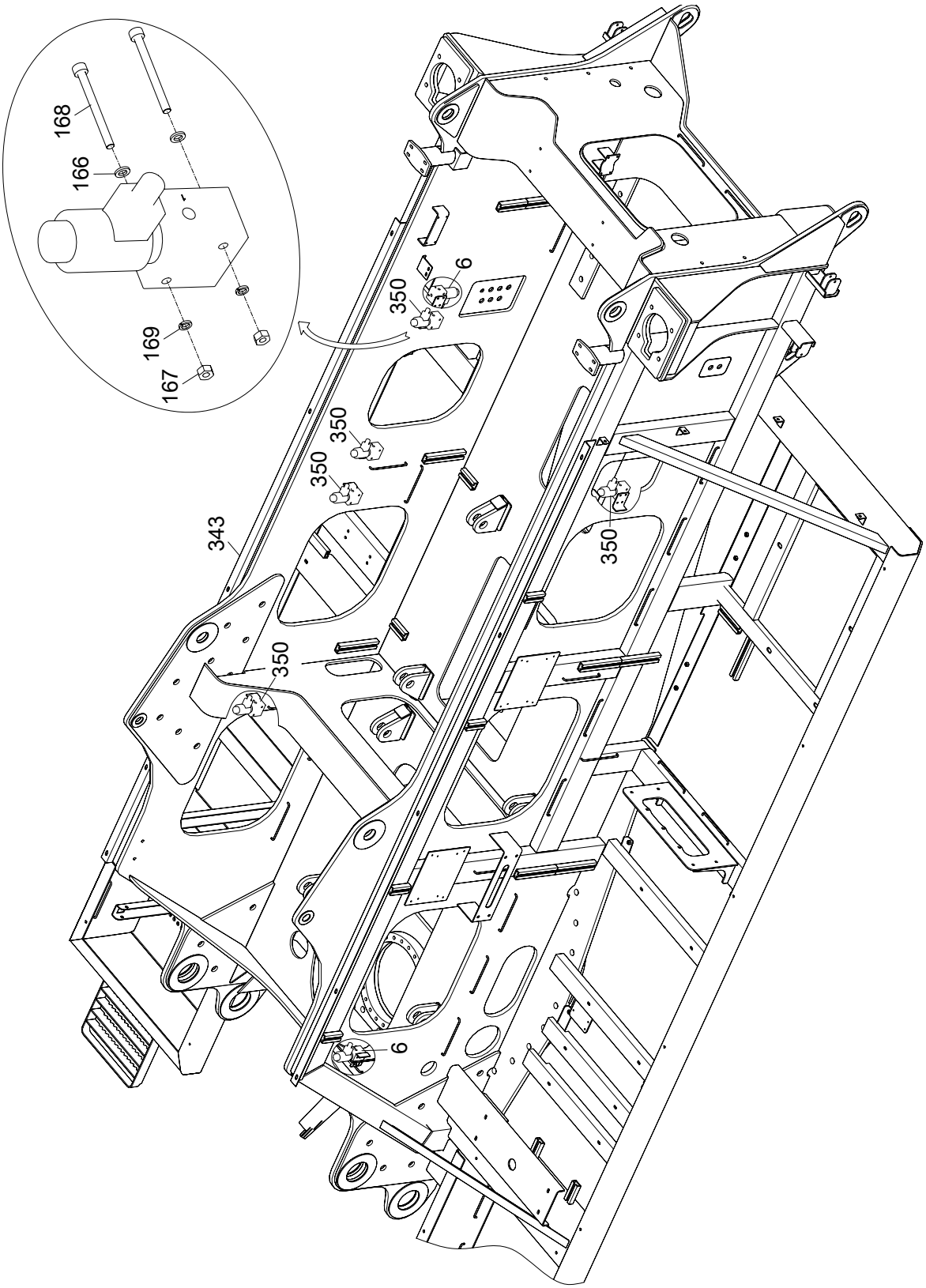
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COMBINATION VALVE BLOCK
D1010300423_100029Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010300423	Combination valve block		
1	(1)	•Valve plate	1	
2	1019803029	•Solenoid valve 4WE6Y-L6/EG24NZ5L	1	
3	1081000054	•Combination washer	2	
4	(2)	•Plug	2	
5	(3)	•Valve liner	1	
6	1081000746	•O-ring	1	
7	(4)	•Main valve core of overflow valve	1	
8	(5)	•Spring	1	
9	(6)	•Valve base	1	
10	1089900499	•O-ring	1	
11	(7)	•Valve core	1	
12	(8)	•Adjusting sleeve	1	
13	1081000590	•O-ring	1	
14	1081001447	•O-ring	2	
15	(9)	•Spring	1	
16	(10)	•Adjusting screw	1	
17	(11)	•Nut	1	
18	(12)	•Nut	1	

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SOLENOID BALL VALVE INSTALLATION D00663114801600000Y



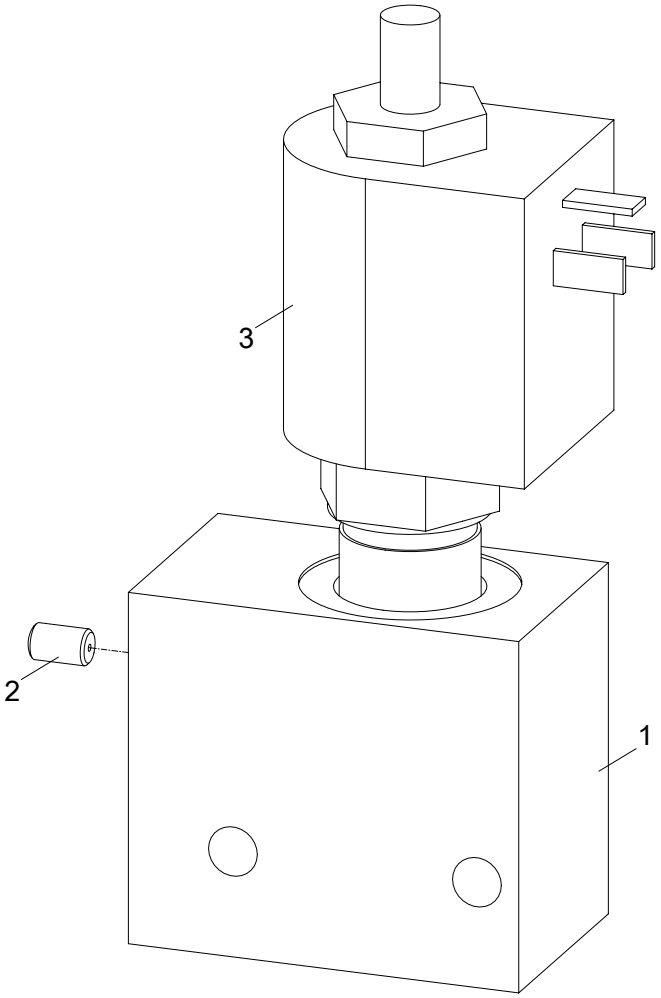
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SOLENOID BALL VALVE INSTALLATION D00663114801600000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
6	1010300148	•Solenoid valve	2	
147	1140100629	•fitting	2	
151	1149900149	•Transition fitting	10	
166	1040300120	•Washer	2	
167	1040200111	•Nut	10	
168	1040100633	•Screw	2	
169	1040300062	•Washer	14	
343	00663110400000000	Slewing table attachments welded	1	
350		Solenoid valve	5	

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CONTROL VALVE
D1010301868_6500Y



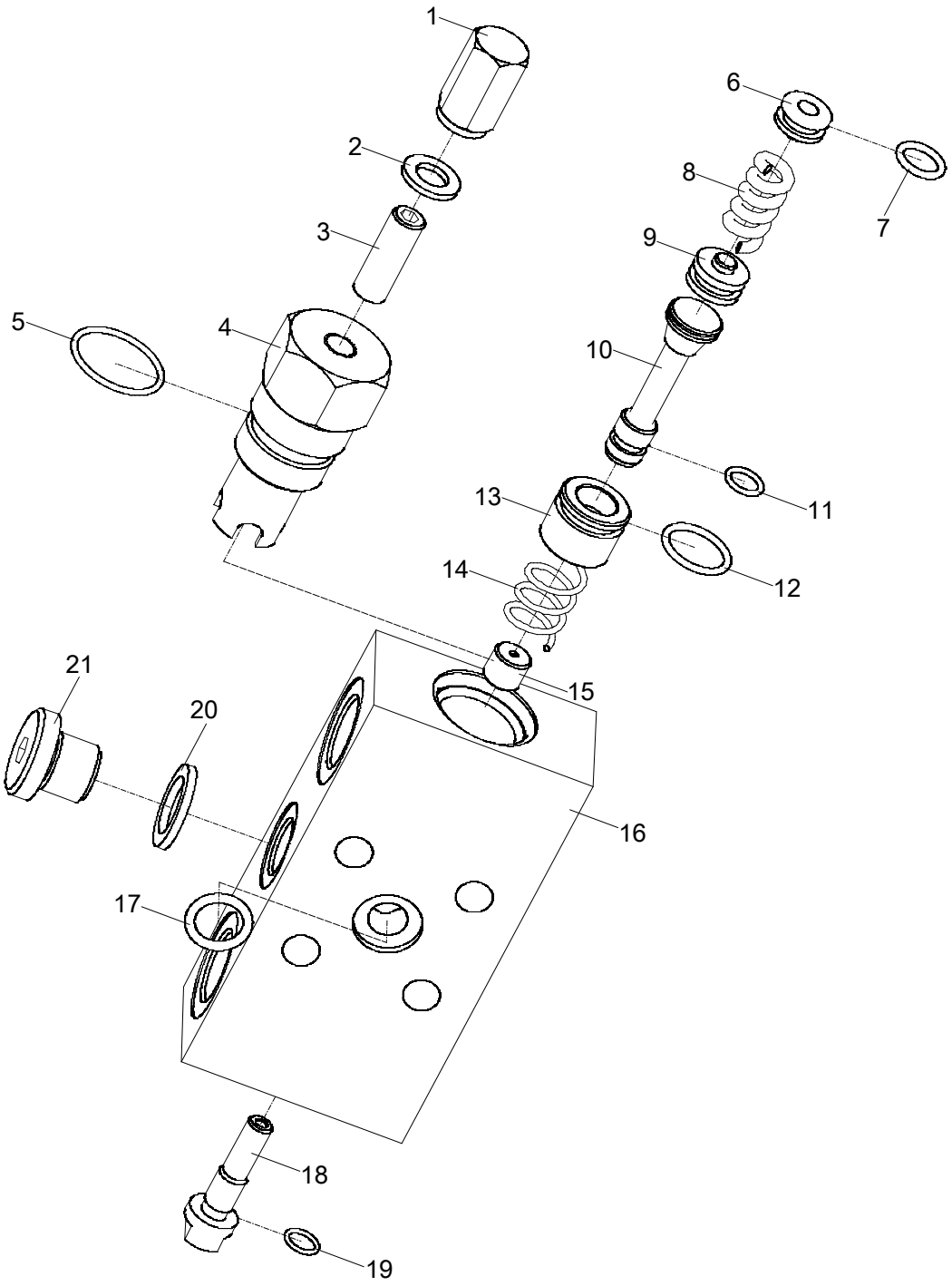
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CONTROL VALVE
D1010301868_6500Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010301868	Control valve		
1	(1)	•Valve body	1	
2	1019804173	•Damping plug	1	
3	(2)	•Two-position and two-way solenoid valve	1	

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BALANCE VALVE
D1010300200_100029Y



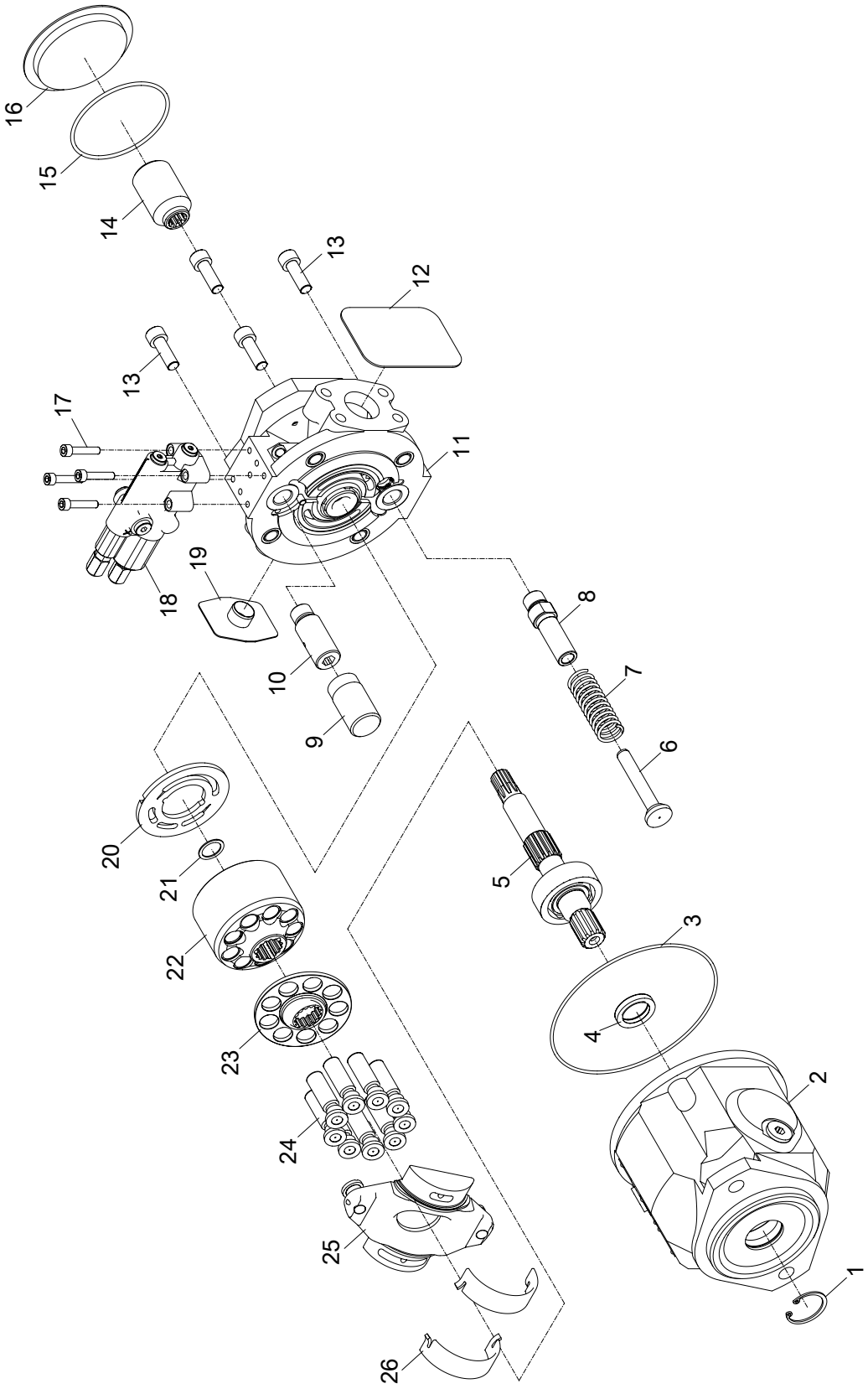
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BALANCE VALVE
D1010300200_100029Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010300200	Balance valve		
1	(1)	•Nut	1	
2	(2)	•Shim	1	
3	1040102233	•Tightening screw	1	
4	(3)	•Valve sleev	1	
5	1081000628	•O-ring	1	
6	(4)	•Spring seat	1	
7	1081000845	•O-ring	1	
8	(5)	•Spring	1	
9	(6)	•Spring seat	1	
10	(7)	•Stem	1	
11	1089800124	•O-ring	1	
12	1081000827	•O-ring	1	
13	(8)	•Valve seat	1	
14	(9)	•Spring	1	
15	(10)	•Valve seat	1	
16	(11)	•Throttling plug	1	
17	1089800125	•O-ring	1	
18	(12)	•Screw	1	
19	1089800126	•O-ring	1	
20	1081000054	•Combination washer	1	
21	(13)	•Plug	1	

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VARIABLE PUMP
D1010001069_100025Y



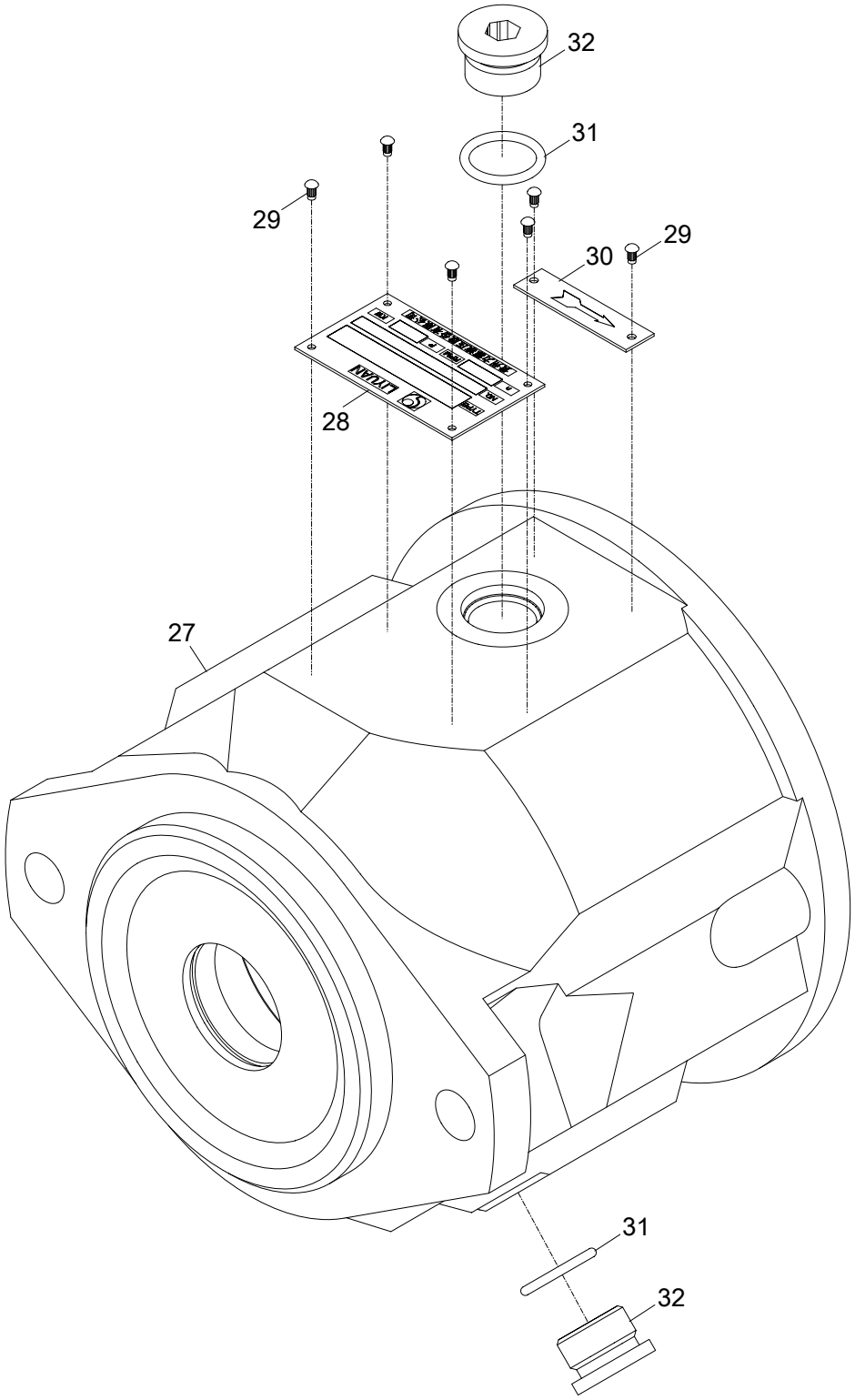
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
1	1010001069_(1)	•Elastic retainer ring for hole	1	
2	1010001069_(2)	•Housing assy.	1	
3	1010001069_(3)	•O-ring	1	
4	1010001069_(4)	•Skeleton oil seal	1	
5	1010001069_(5)	•Main shaft assembly	1	
6	1010001069_(6)	•piston	1	
7	1010001069_(7)	•Spring	1	
8	1010001069_(8)	•Sleeve	1	
9	1010001069_(9)	•Variable piston	1	
10	1010001069_(10)	•Piston rod	1	
11	1010001069_(11)	•End cover	1	
12	1010001069_(12)	•Plastic blind cover	1	
13	1010001069_(13)	•Hexagon socket cylindrical-head screw	1	
14	1010001069_(14)	•sets of teeth	1	
15	1010001069_(15)	•Sealing ring	1	
16	1010001069_(16)	•Cap	1	
17	1010001069_(17)	•Hexagon socket cylindrical-head screw	1	
18	1010001069_(18)	•DRG adjusting valve assembly	1	
19	1010001069_(19)	•Plastic blind cover	1	
20	1010001069_(20)	•Fuel distribution disk	1	
21	1010001069_(21)	•Adjusting shim	1	
22	1010001069_(22)	•Rotor assembly	1	
23	1010001069_(23)	•Pressure plate assembly	1	
24	1010001069_(24)	•Plunger assembly	1	
25	1010001069_(25)	•Swash plate assembly	1	
26	1010001069_(26)	•Bush	1	

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VARIABLE PUMP
D1010001069_100025Y



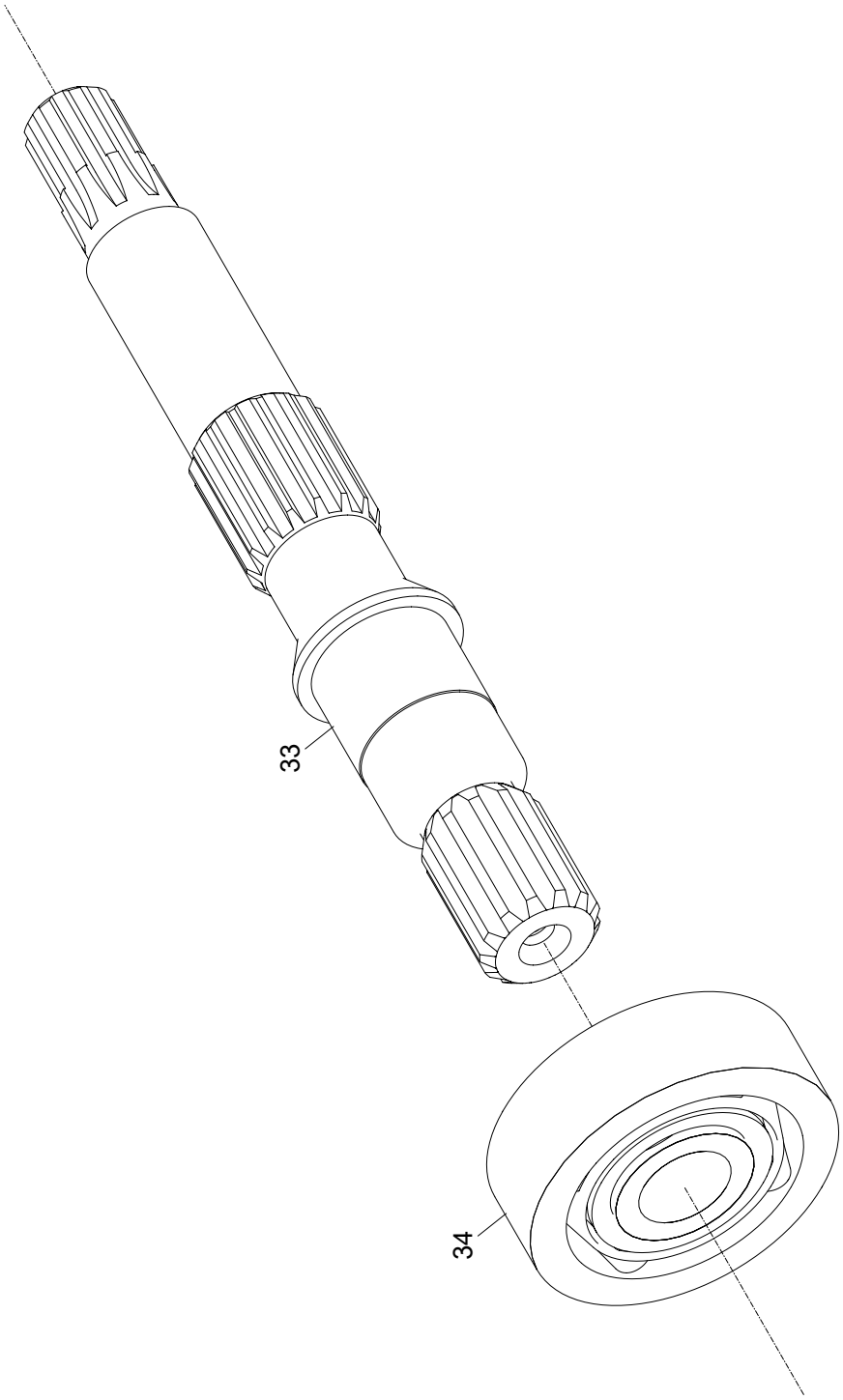
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
27	1010001069_(27)	•Housing	1	
28	1010001069_(28)	•Nameplate	1	
29	1019804320	•Name plate	1	
30	1010001069_(29)	•Steering sign	1	
31	1010001069_(30)	•O-ring	1	
32	1010001069_(31)	•Threaded plug	1	

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VARIABLE PUMP
D1010001069_100025Y



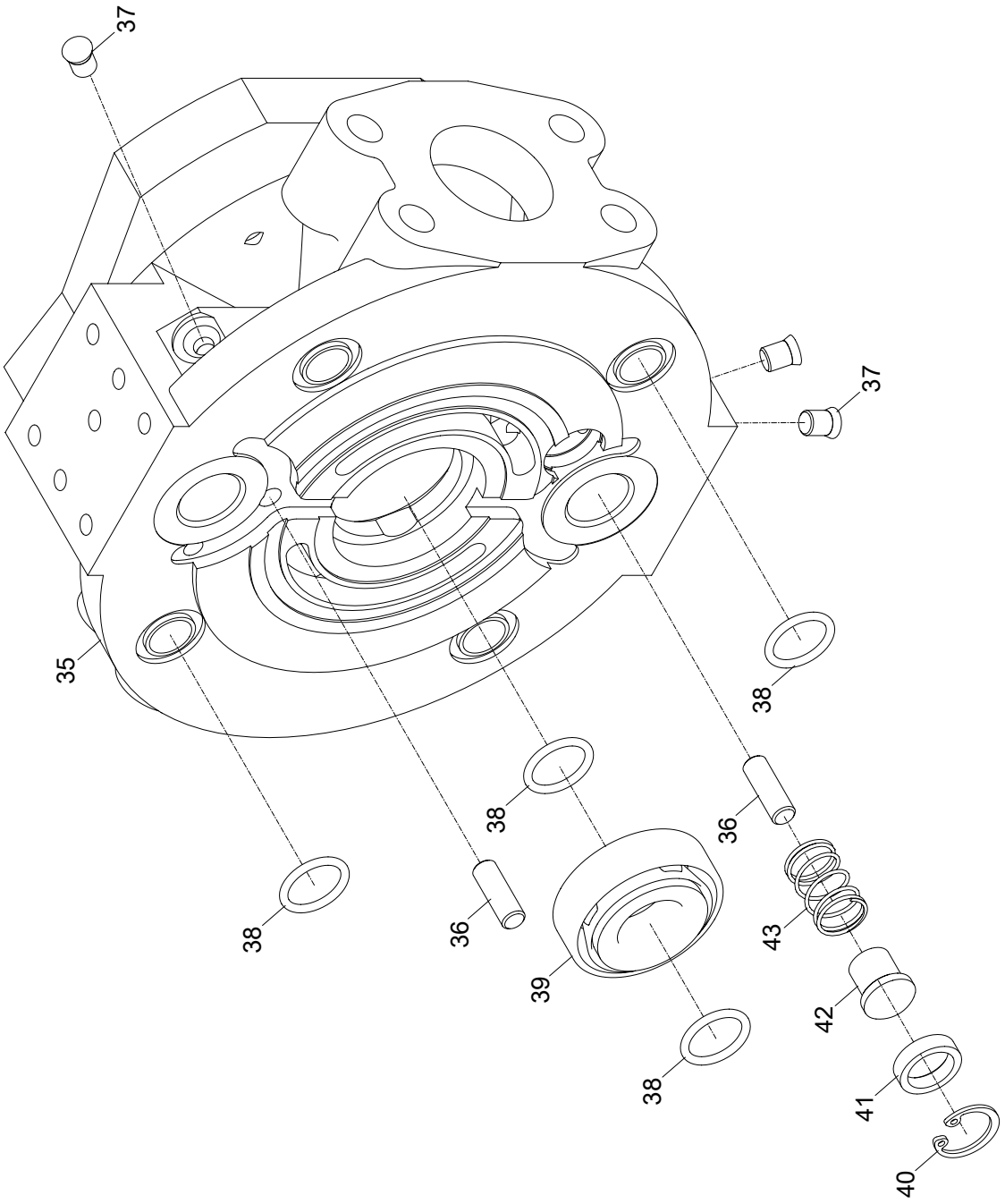
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
33	1010001069_(32)	•Main shaft	1	
34	1010001069_(33)	•Conical roller bearing	1	

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VARIABLE PUMP
D1010001069_100025Y



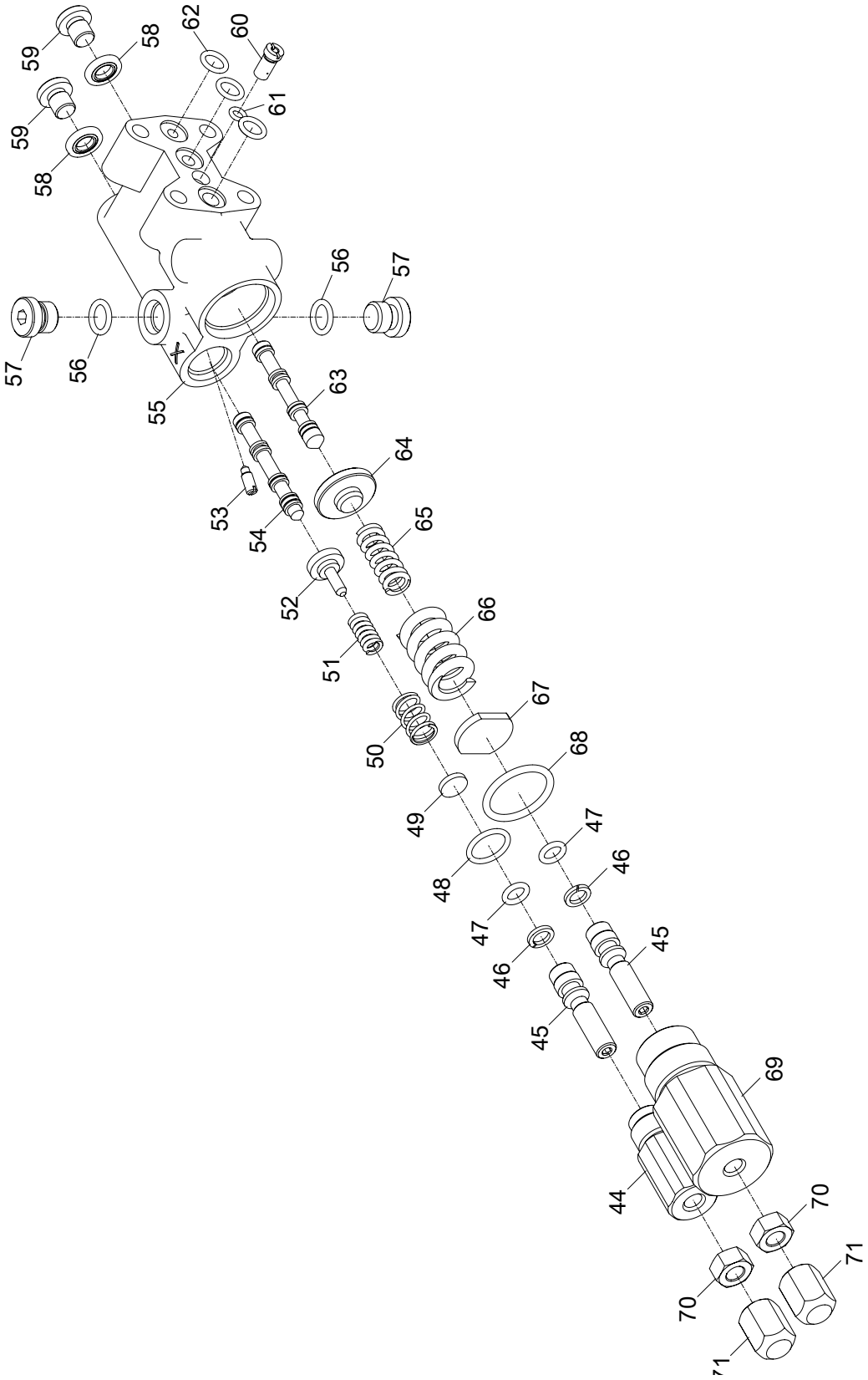
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
35	1010001069_(34)	•End cover	1	
36	1010001069_(35)	•Cylindrical pin	1	
37	1010001069_(36)	•Double end threaded plug	1	
38	1010001069_(37)	•Sealing ring	1	
39	1010001069_(38)	•Conical roller bearing	1	
40	1010001069_(39)	•Elastic retainer ring for hole	1	
41	1010001069_(40)	•Retainer ring	1	
42	1010001069_(41)	•Check valve core	1	
43	1010001069_(42)	•Spring	1	

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VARIABLE PUMP
D1010001069_100025Y



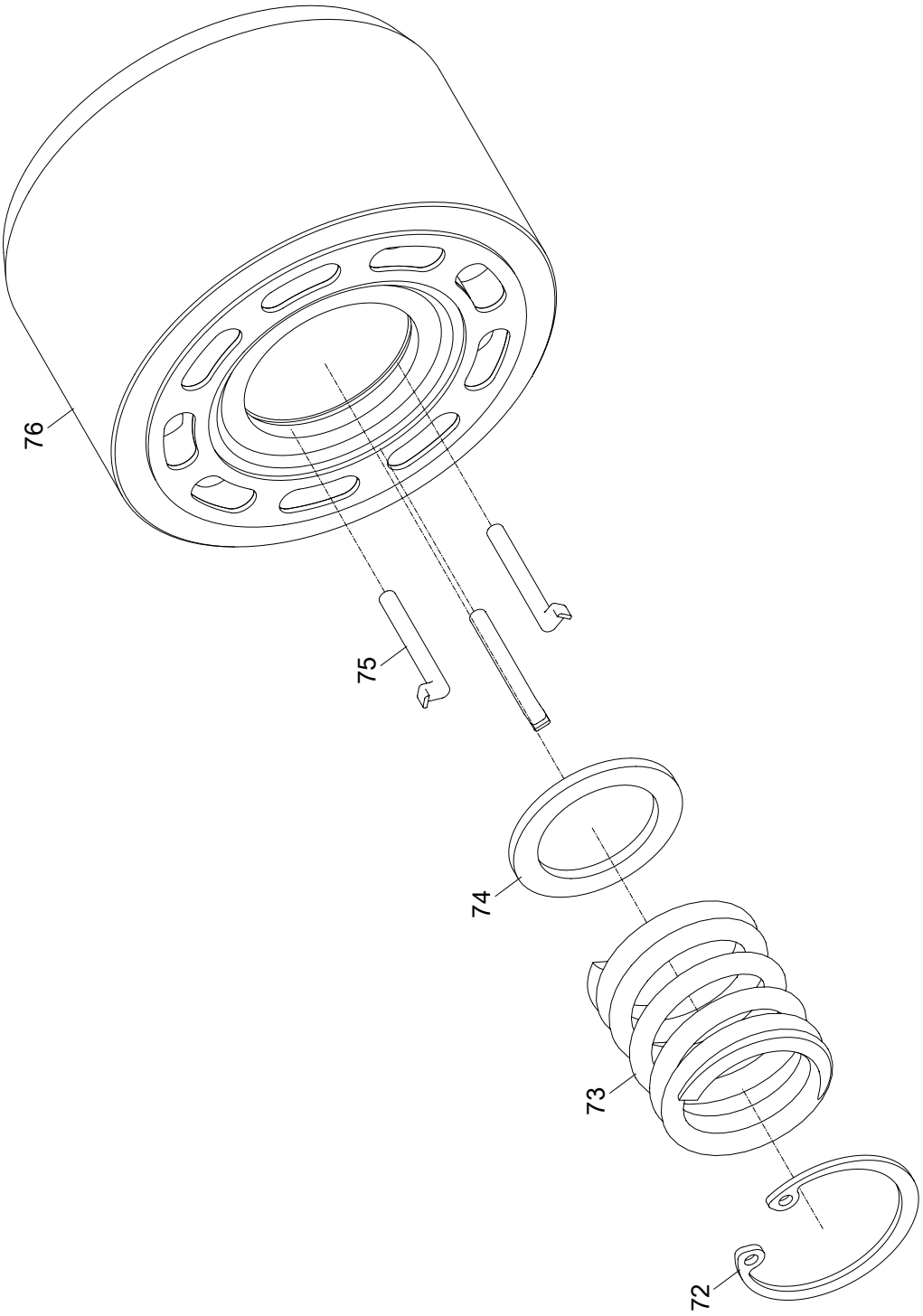
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
44	1010001069_(43)	•Threaded sleeve	1	
45	1010001069_(44)	•Adjusting screw	1	
46	1010001069_(45)	•Plastic ring	1	
47	1010001069_(46)	•O-ring	1	
48	1010001069_(47)	•O-ring	1	
49	1010001069_(48)	•Shim	1	
50	1010001069_(49)	•Spring	1	
51	1010001069_(50)	•Spring	1	
52	1010001069_(51)	•Spring seat	1	
53	1010001069_(52)	•Threaded plug	1	
54	1010001069_(53)	•Valve core	1	
55	1010001069_(54)	•Adjusting valve body	1	
56	1010001069_(55)	•O-ring	1	
57	1010001069_(56)	•Threaded plug	1	
58	1010001069_(57)	•Combination sealing washer	1	
59	1010001069_(58)	•Threaded plug	1	
60	1010001069_(59)	•Blanking plug	1	
61	1010001069_(60)	•O-ring	1	
62	1010001069_(61)	•O-ring	1	
63	1010001069_(62)	•Valve core	1	
64	1010001069_(63)	•Spring seat	1	
65	1010001069_(64)	•Spring	1	
66	1010001069_(65)	•Spring	1	
67	1010001069_(66)	•Shim	1	
68	1010001069_(67)	•O-ring	1	
69	1010001069_(68)	•Threaded sleeve	1	
70	1010001069_(69)	•Hexagon nut	1	
71	1010001069_(70)	• Protective cover	1	

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VARIABLE PUMP
D1010001069_100025Y



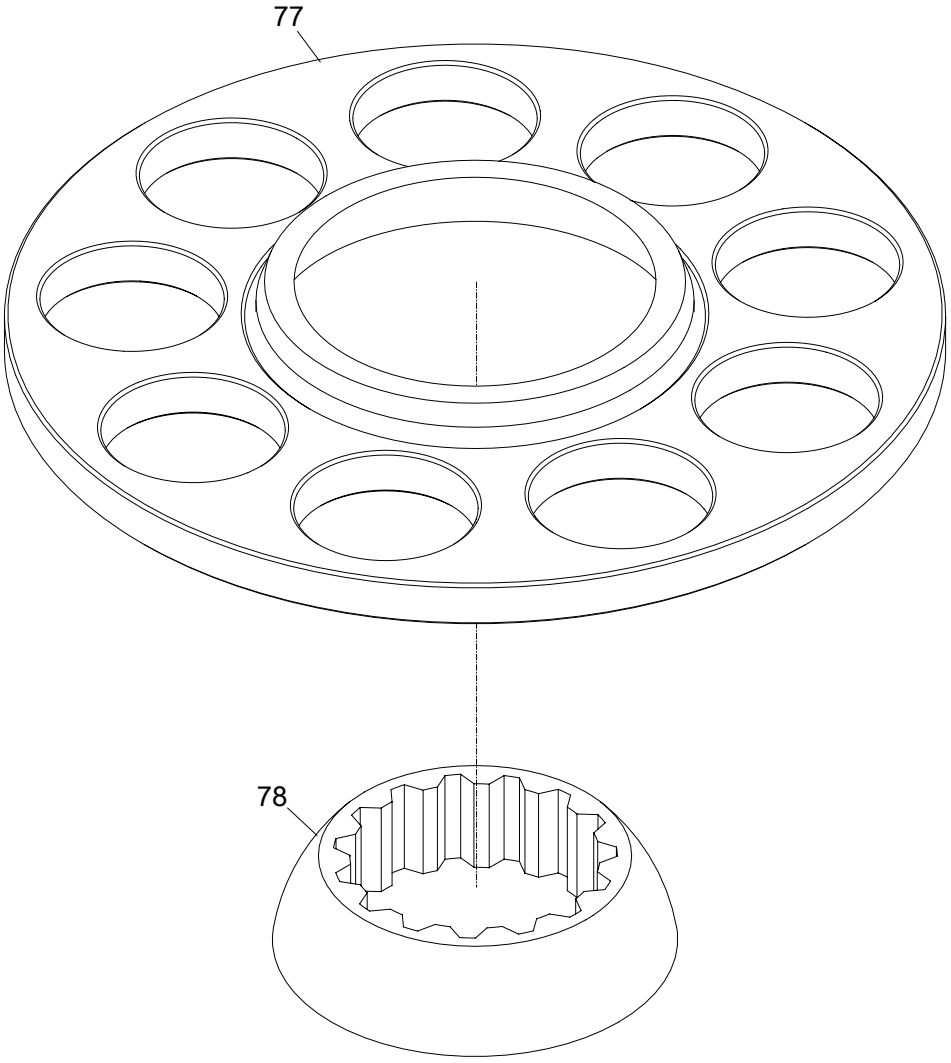
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
72	1010001069_(71)	•Elastic retainer ring for hole (A)	1	
73	1010001069_(72)	•Spring	1	
74	1010001069_(73)	•Shim	1	
75	1010001069_(74)	•Support pin	1	
76	1010001069_(75)	•Rotor assy.	1	

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VARIABLE PUMP
D1010001069_100025Y



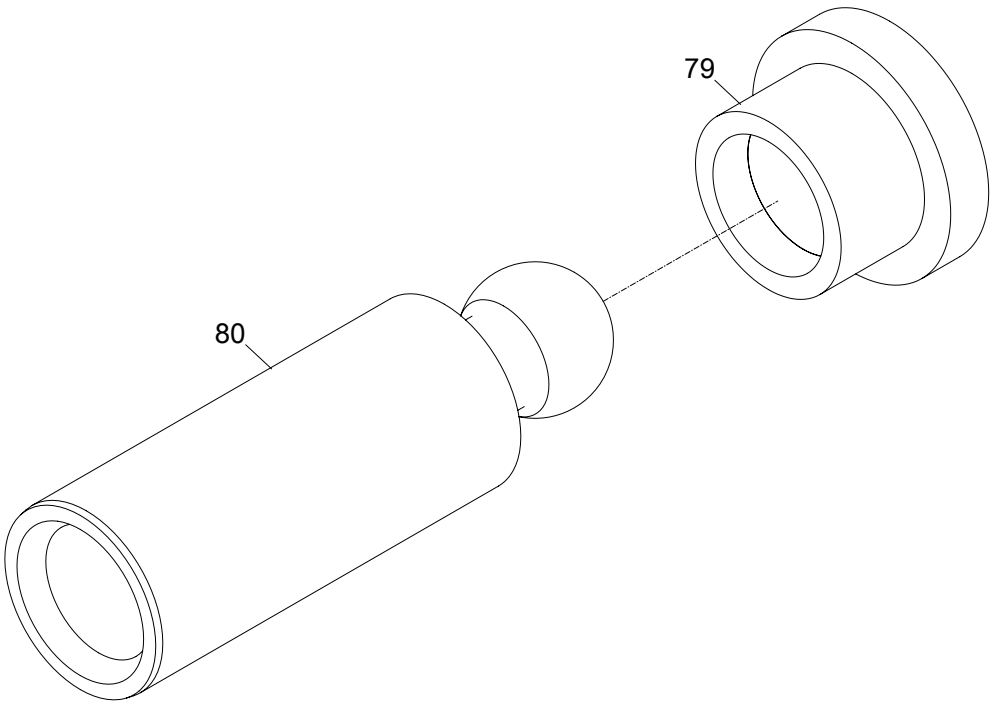
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
77	1010001069_(76)	•Pressure plate	1	
78	1010001069_(77)	•Ball joint	1	

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VARIABLE PUMP
D1010001069_100025Y



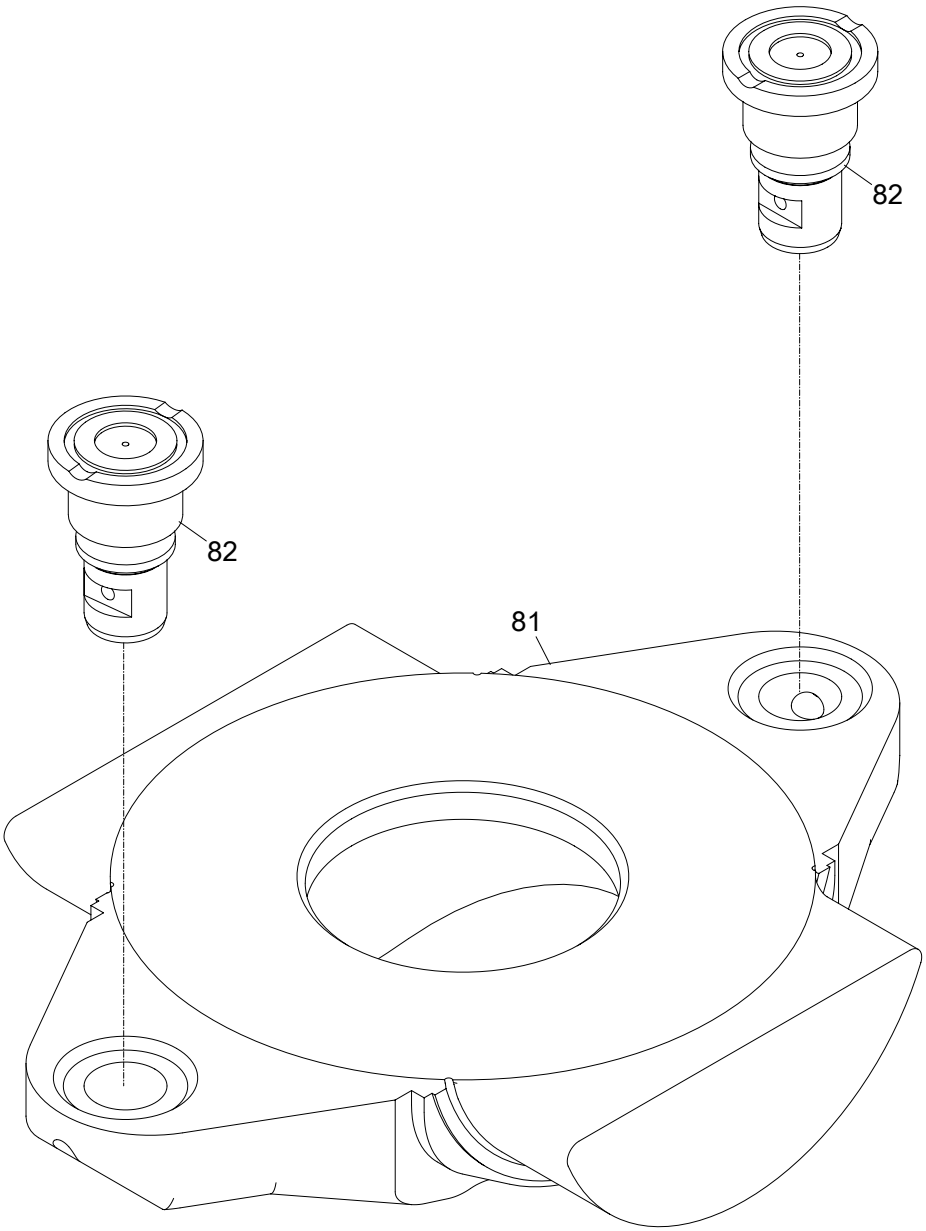
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
79	1010001069_(78)	•Shoe	1	
80	1010001069_(79)	•Plunger	1	

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VARIABLE PUMP
D1010001069_100025Y



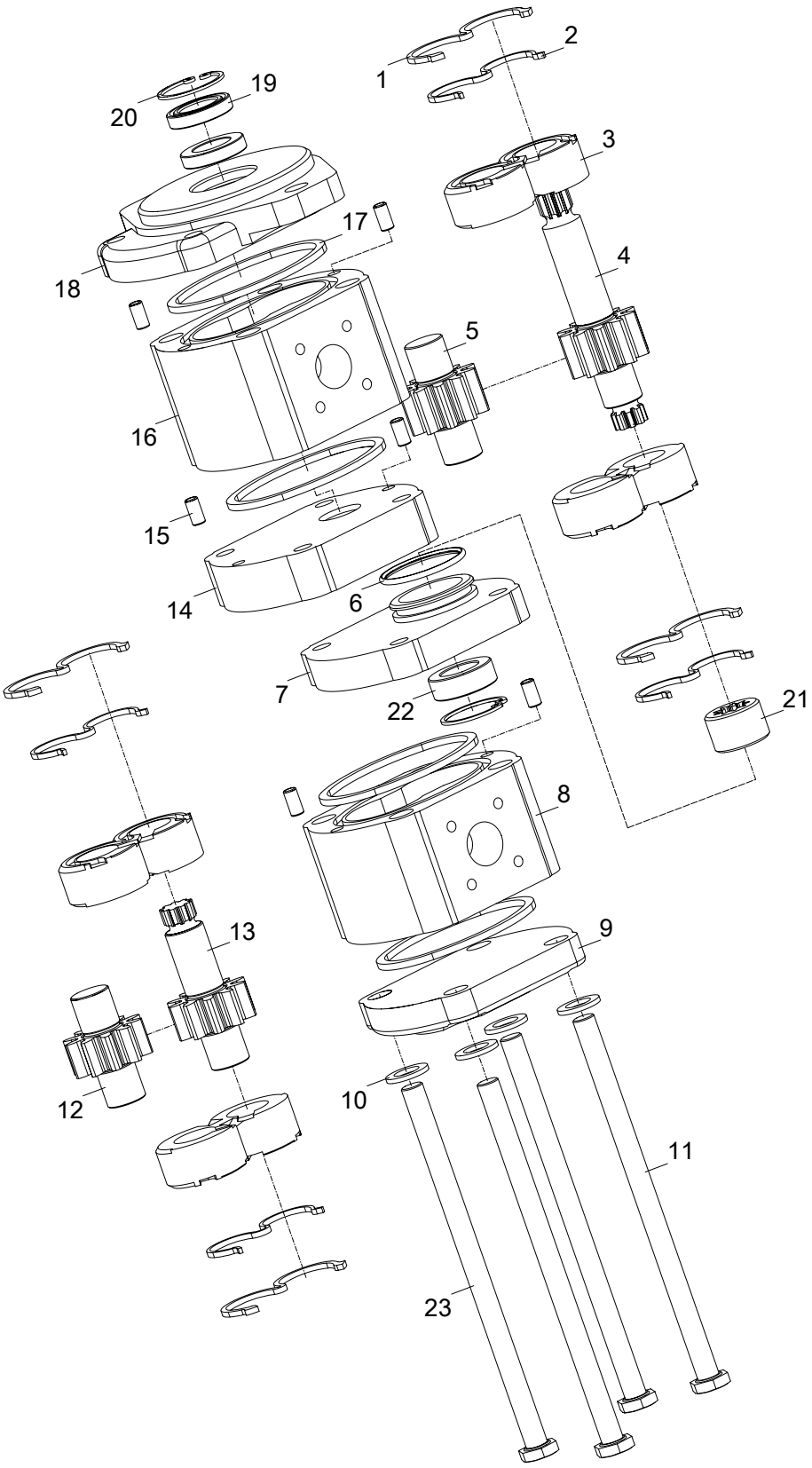
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VARIABLE PUMP
D1010001069_100025Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010001069	Variable pump	1	
81	1010001069_(80)	•Swash plate	1	
82	1010001069_(81)	•Supporting seat	1	

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GEAR PUMP
D1010000078_100028Y



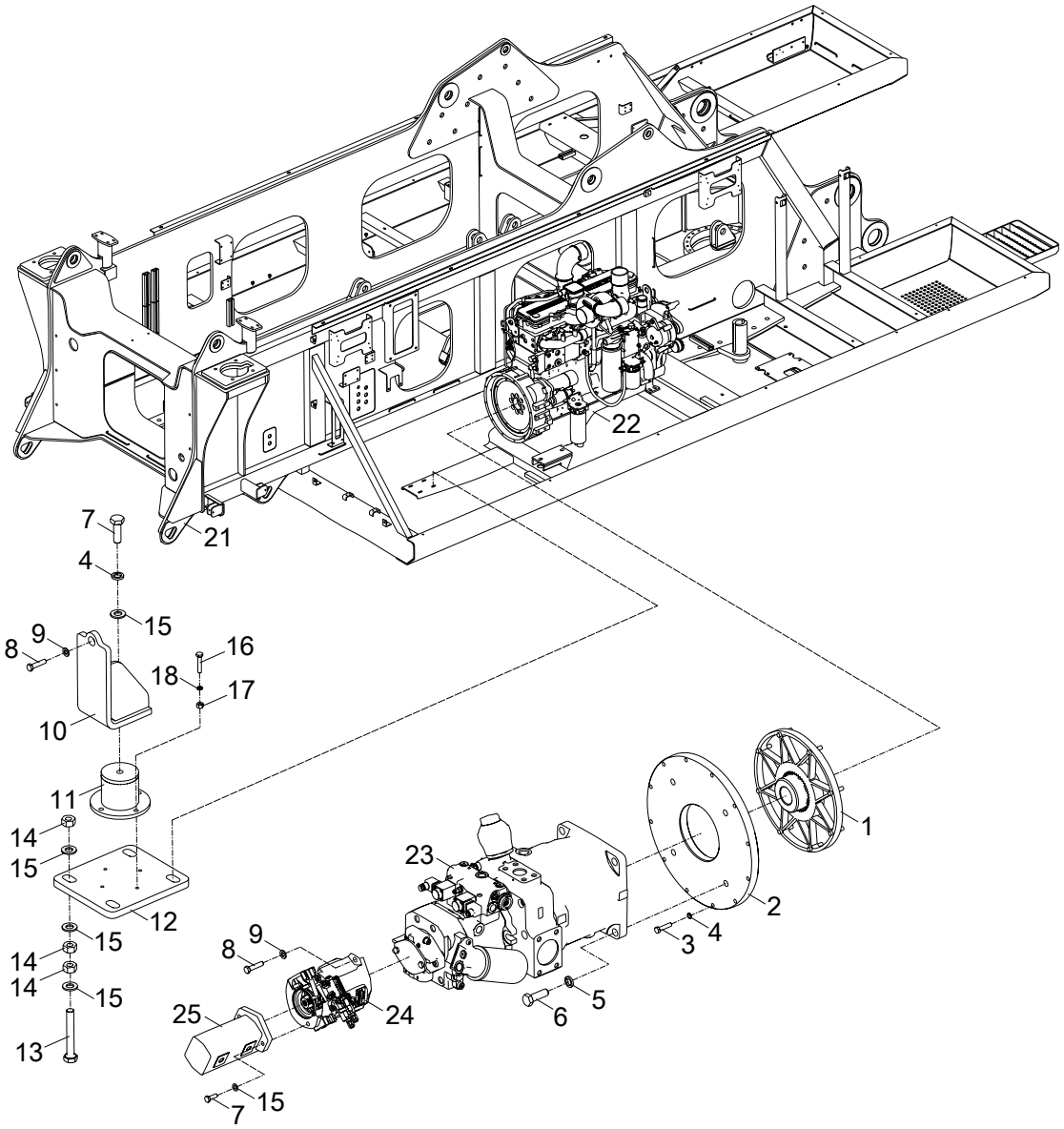
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GEAR PUMP
D1010000078_100028Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010000078	Gear pump		
1	1009803756	•W-ring	4	
2	1009803757	•W-shaped retainer ring	4	
3	(1)	•Shaft bush	4	
4	(2)	•15-type front driving gear (20)	1	
5	(3)	•Driven gear(20)	1	
6	(4)	•O-ring	1	
7	(5)	•Front connecting cover	1	
8	(6)	•Pump (16)	1	
9	(7)	•Rear cover	1	
10	(8)	•Washer	4	
11	(9)	•Bolt	2	
12	(10)	•Driven gear(16)	1	
13	(11)	•Rear driving gear (16)	1	
14	(12)	•Rear connecting cover	1	
15	(13)	•Cylindrical pin 6 h8×12	6	
16	(14)	•Pump (20)	1	
17	1009803758	•Rectangular ring	4	
18	(15)	•Front cover	1	
19	(16)	•Oil seal	2	
20	(17)	•Retainer ring 30	2	
21	(18)	•Shaft bush	1	
22	1009803762	•Oil seal	1	
23	(19)	•Bolt	2	

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OIL PUMP DRIVE DEVICE
D00663113900000000Y



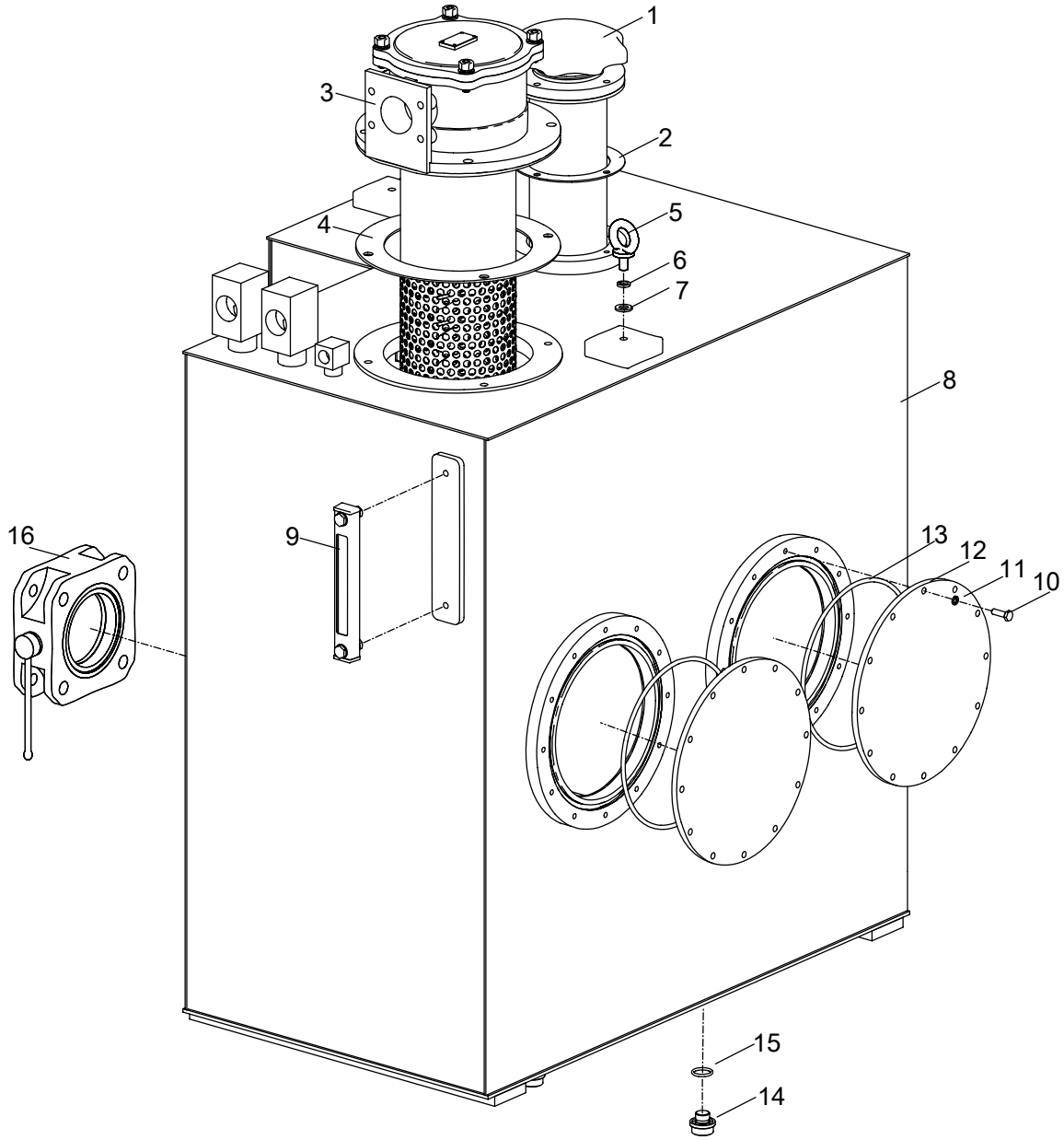
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OIL PUMP DRIVE DEVICE
D00663113900000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113900000000	Oil pump drive device		
1	1030400015	•Coupling	1	
2	00663103910001020	•Transition disc	1	
3	1040000159	•Bolt	12	
4	1040300067	•Washer	13	
5	1040300038	•Washer	4	
6	1040000055	•Bolt	4	
7	1040000090	•Bolt	3	
8	1040000149	•Bolt	2	
9	1040300041	•Washer	2	
10	00663113900200000	•Support	1	
11	00663113900400000	•Shock pad	1	
12	00663113900001010	•Plate	1	
13	1040000311	•Bolt	4	
14	1040200113	•Nut	12	
15	1040300061	•Washer	15	
16	1040000165	•Bolt	4	
17	1040200107	•Nut	4	
18	1040300060	•Washer	4	
19	202230016	•Loctite glue	0.1kg	
20	204110014	•Lithium-based Grease	0.5kg	
21		Slewing table attachments welded	1	
22		Diesel engine	1	
23		Tandem variable pump	1	
24		Variable pump	1	
25		Lithium-based Grease	1	

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HYDRAULIC OIL TANK
D00663113000000000Y



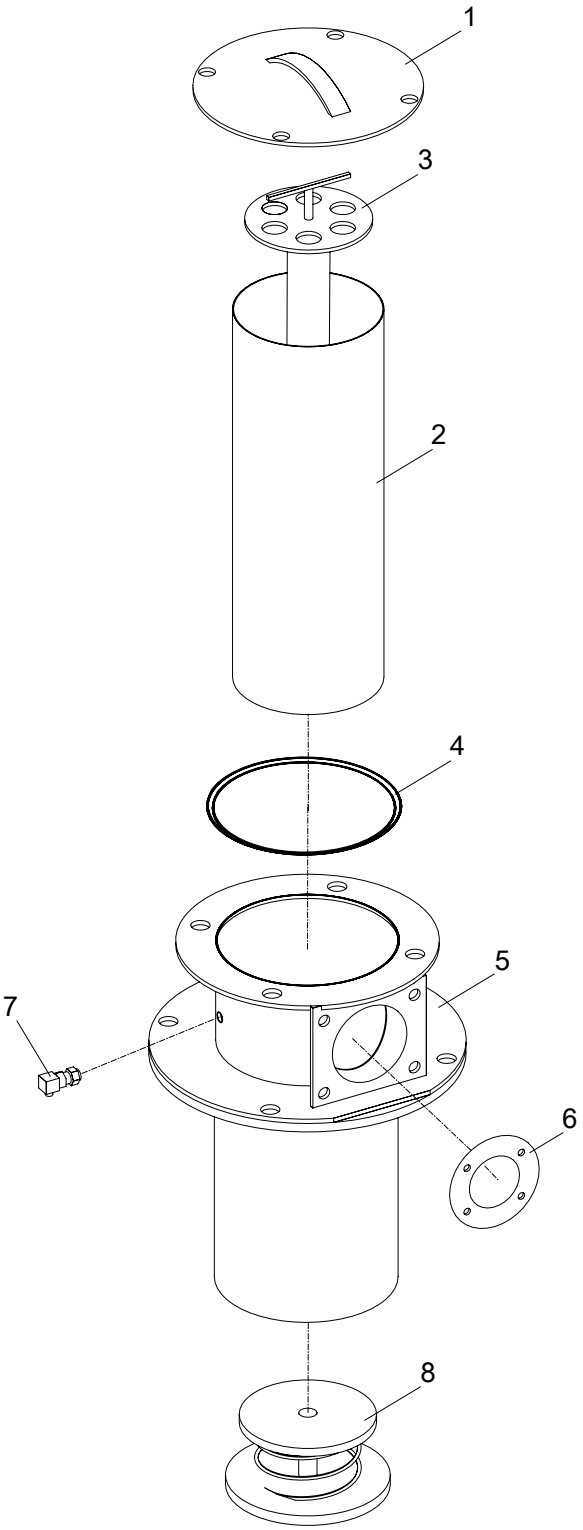
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HYDRAULIC OIL TANK
D00663113000000000Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663113000000000	Hydraulic oil tank		
1	1010500077	•Air filter	1	
2	00663113000001020	•Pad	1	
3	1010600009	•Return-line filter	1	
4	00660303010001010	•Pad of oil return filter	1	
5	1040100182	•Screw	2	
6	1040300054	•Washer	2	
7	1040300041	•Washer	2	
8	00663113000200000	•Hydraulic oil tank assy.	1	
9	1019900025	•Oil level gauge	1	
10	1040000288	•Bolt	24	
11	1040300063	•Washer	24	
12	00663113000001010	•Seal plate	2	
13	1081003511	•O-ring	2	
14	00663013010001030	•Blanking plug	4	
15	1081000040	•O-ring	4	
16	1010300915	•Butterfly valve	1	
17	202230016	•Loctite glue	0.1L	E

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RETURN-LINE FILTER
D1010600009_101281Y



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RETURN-LINE FILTER
D1010600009_101281Y

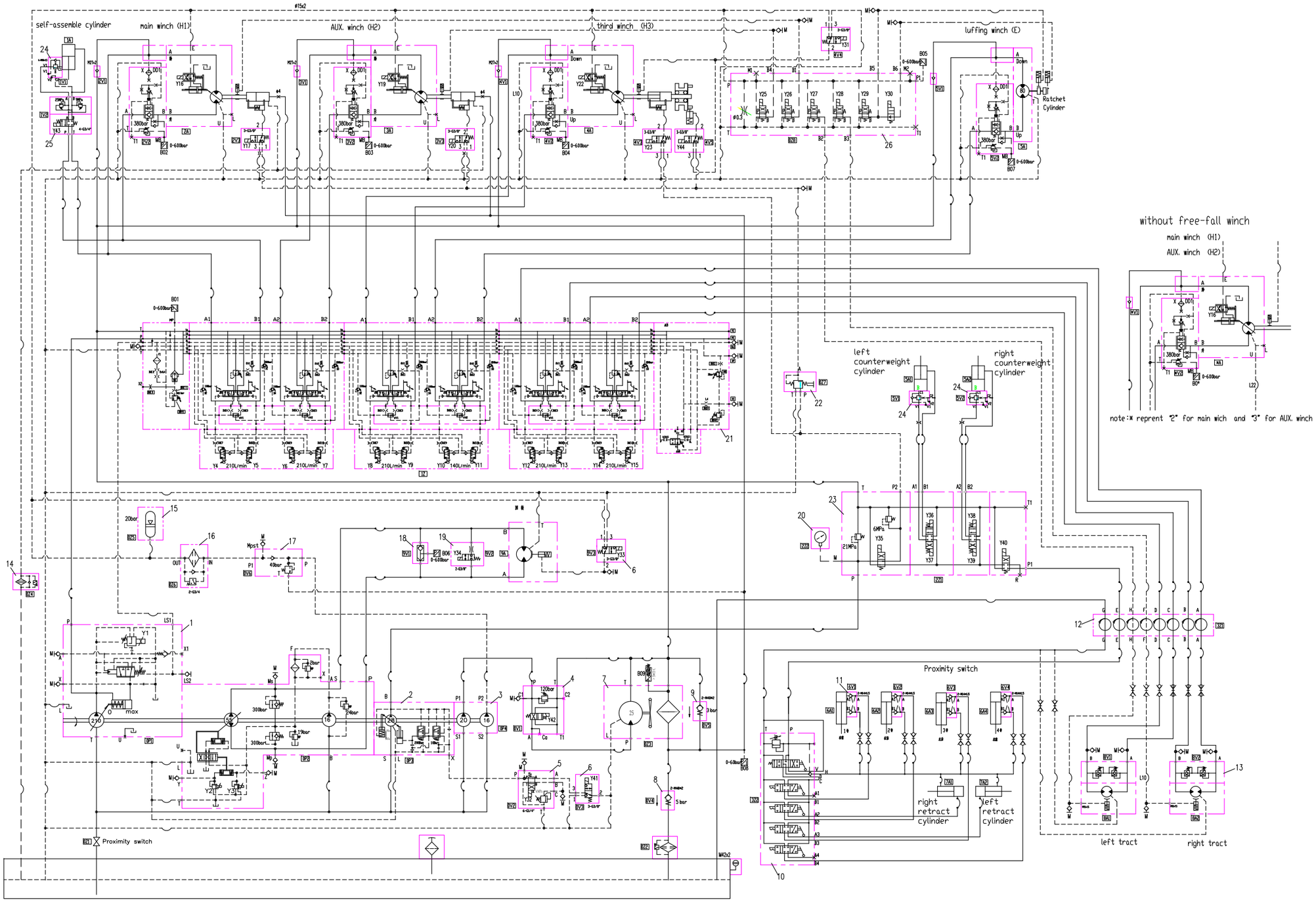
POS.	CODE	DESCRIPTION	QTY.	REMARK
	1010600009	Return-line filter		
1	(1)	•Filter cover	1	
2	1010600006	•Filter element	1	
3	(2)	•Fixing cover, filter element & magnism body	1	
4	(3)	•O-ring	1	
5	(4)	•Filter drum	1	
6	(5)	•Pad, filter drum seat	1	
7	(6)	•Sender CY-1	1	
8	(7)	•Bypass valve	1	

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HYDRAULIC SYSTEM DIAGRAM
D00663111500000001Y



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HYDRAULIC SYSTEM DIAGRAM
D00663111500000001Y

POS.	CODE	DESCRIPTION	QTY.	REMARK
	00663111500000001	Hydraulic system diagram		
1	1010001164	•Tandem variable pump	1	
2	1010001069	•Variable pump	1	
3	1010000078	•Gear pump	1	
4	1010300423	•Combination valve block	1	
5	1010303895	•Control valve block	1	
6	1010300148	•Solenoid valve	2	
7	1010400009	•Radiator device	1	
8	1140101393	•Check valve fitting	1	
9	1010300133	•Check valve	1	
10	1010300307	•Undercarriage control valve	1	
11	1010300280	•Two-way hydraulic lock	4	
12	1011200029	•Central revolving joint	1	
13	1010300066	•Traveling brake valve	2	
14	1010600016	•Pressure oil filter	1	
15	1010800009	•Energy accumulator	1	
16	1010600005	•Pressure oil filter	1	
17	1010302669	•Overflow valve	1	
18	1010300062	•Shuttle valve	1	
19	1010301868	•Control valve	1	
20	1019900190	•Pressure gauge	1	
21	1010303899	•Main valve	1	
22	1010300366	•Pilot valve	1	
23	1010303898	•Control valve block	1	
24	1010300200	•Balance valve	3	
25	1010302667	•Boom lifting valve block	1	
26	1010300433	•Control valve block I	1	

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