

QY260CR/F32Y

ZOOMLION® Crawler Crane

QY260

QY260CR/32Y



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Foreword

Thank you for purchasing our product. We will try our best to provide you with satisfactory and excellent service.

ZOOMLION crawler crane is a product integrating our many years' experience and advanced technologies. This catalog introduces the structure and assembling features of spare parts as well as the outer parts required in the main systems.

Carefully reading this spare parts catalog will save your repair and ordering time.

Using this spare parts catalog:

- I makes it easier to become familiar with the crane
- I avoids problems due to improper assembly and dismantling
- I extends the service life of your crane
- I reduces repair cost and downtime

1. How to use this catalog

- (1) This spare parts catalog includes 6 chapters: complete vehicle, boom system, power system, slewing table, undercarriage and outer parts. The chapter summary at the beginning of the catalog provides a quick overview and the table of contents at every beginning of the chapter shows how the individual chapter is structured;
- (2) This catalog also covers the description of main outer parts which are individually sorted in chapter "outer parts"; and those outer parts with detailed information are highlighted in grey in the texts;
- (3) How to find the marked information of the spare parts you needed. First you should find out in which chapter the information of the required spare parts is described by looking for the chapter summary, and then glance through the table of contents at the beginning of the desired chapter;
- (4) Flick through the pages until the page numbers of the spare part are found. And the spare parts code, description, specification and quantity can be referred in the text.

2. Relevant instructions

- (1) The number and description in the top right-hand corner of the text / picture indicate the component page number and chapter's name. The component page number consists of code no. and picture / text page number. For detailed information, refer to examples 1 and 2;

Example 1:

We code hydraulic tank "300". If the hydraulic tank offers 2 pictures and 1 text, its first picture page number is coded into "300-1", second picture page number "300-2" and first text page number "300-3".

Example 2:

We code "Main boom pivot section" (secondary component) into "010020", so its first page number is coded into "010020-1" and second page number "010020-2".

- (2) We have sorted all purchased spare parts in our method. For detailed information, refer to example 3;

Example 3:

If we code one purchased engine "1000000025" and use its first 5 figures as its abbreviation, its first page number is coded into "10000-1".

- (3) We have coded our suppliers (stamped on the parts), and you can refer to the page number according to the supplier code in the contents to find out the information of purchased spare

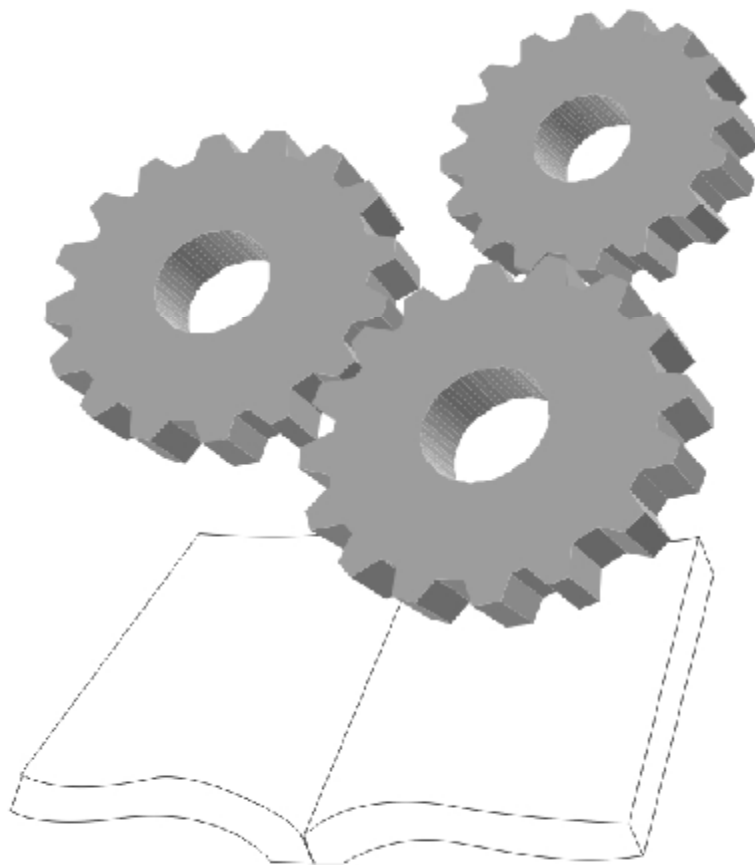
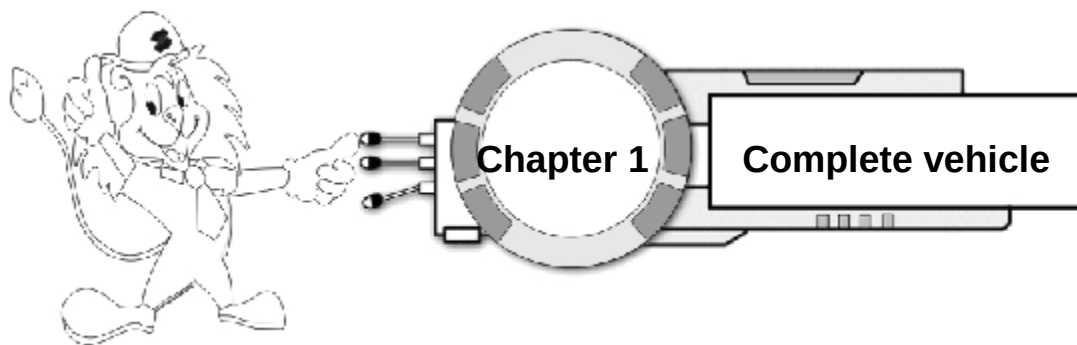


parts needed;

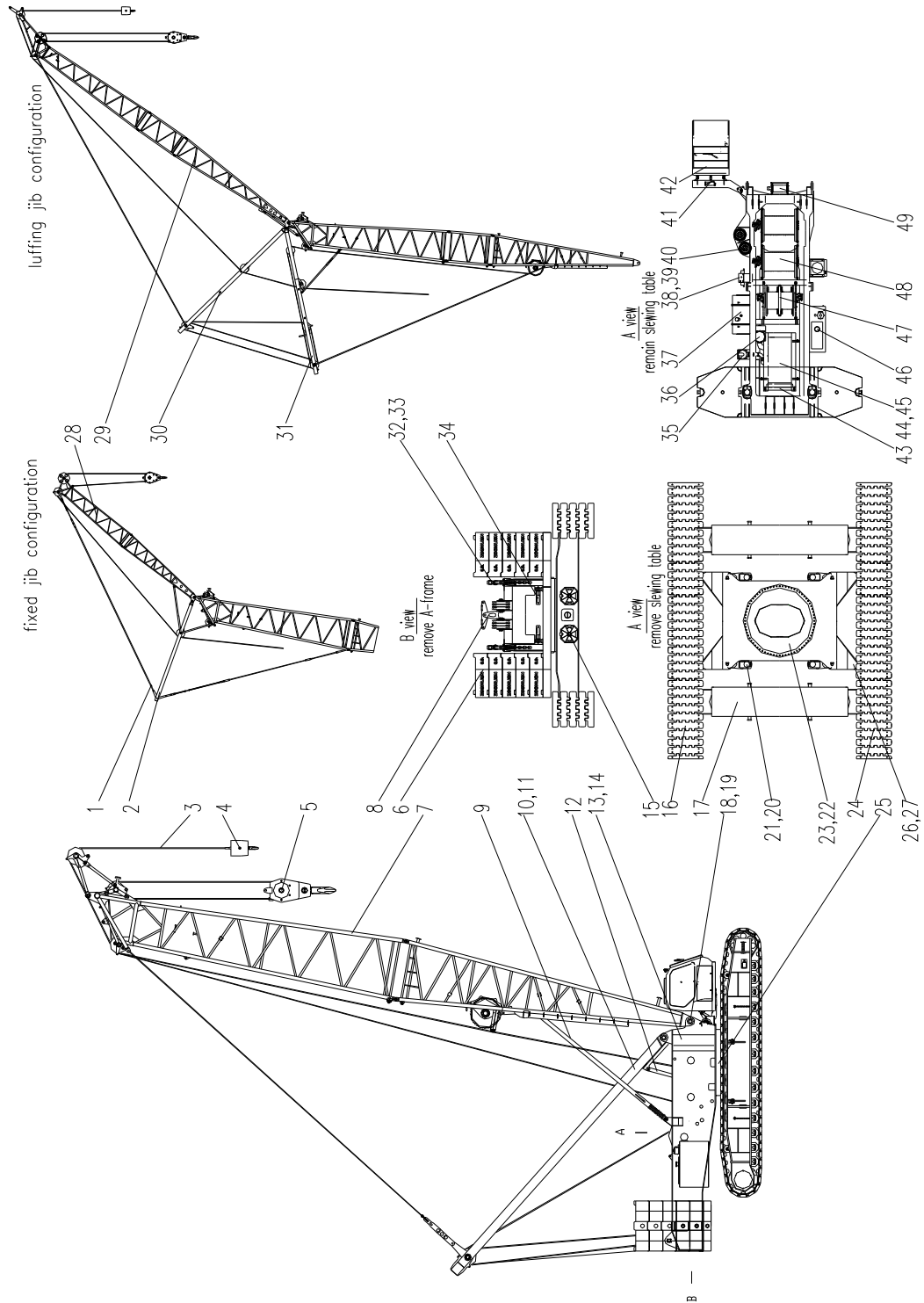
- (4) The catalog is made up of individual, serially numbered chapters. And the page number is located in the bottom middle part of each page. You can look through this catalog according to these page numbers.

Declaration

Our products and technical documents are subject to technical improvements and changes without notice. Therefore, please acquaint yourself with our updated technology information. If there are differences between illustration and product, refer to the product.



QUY260CR CRAWLER CRANE **D00663400002000000Y**





QY260CR CRAWLER CRANE
D00663400002000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	006634054000000001	Anchoring rods assy.	1
2	006633078000000002	FA-frame	1
3	006634082000000000	Wire rope	2
4	006634042000000001	Auxiliary load hook	1
5	006634041000000001	Main load hook	1
6	006634006100000000	Counterweight	2
7	006634001200000000	Main boom assy.	1
8	006633021000000002	Derricking crown block	1
9	006634031010000000	Tilting-back support assy.	4
10	006634018000000000	A-frame assy.	1
11	006634036000000001	Mounting cylinder	1
12	1010200089	A-frame erection cylinder SYG140/110-1900A	1
13	006634004000000001	Slewing table	1
14	006634046000000001	Slewing table attachments	1
15	006634008000000000	Support plate assembly	1
16	006634024000000004	Left crawler carrier assy.	1
17	1090900007	Central counterweight QUY-95-14	1
18	006633053000000000	Boom pivot section bolting cylinder	1
19	006634047000000001	Structural member assembly	4
20	006634058000000000	Folding bracket	4
21	006633022000000000	Support cylinder	1
22	006634028000000001	Undercarriage central section	1
23	006634017000000001	Pipe layout – undercarriage hydraulic system	1
24	006634025000000004	Right crawler carrier assy.	1
25	006634045000000000	Slewing ring assembly	1
26	006634096000000000	Crawler carrier assembly	1
27	006633032000000000	Crawler carrier bolting cylinder	1
28	006633002000000001	Fixed jib	1
29	006634066200000000	Luffing jib	2
30	006634080200000000	WA-frame 1	1
31	006634079200000000	WA-frame 2	1
32	006634049100000000	Counterweight assembly	1
33	1010200006	Counterweight lifting cylinder PY1340-340000-0001	1
34	006633071000000001	Counterweight bolting cylinder	1
35	006633012100000000	Exhaust system	1



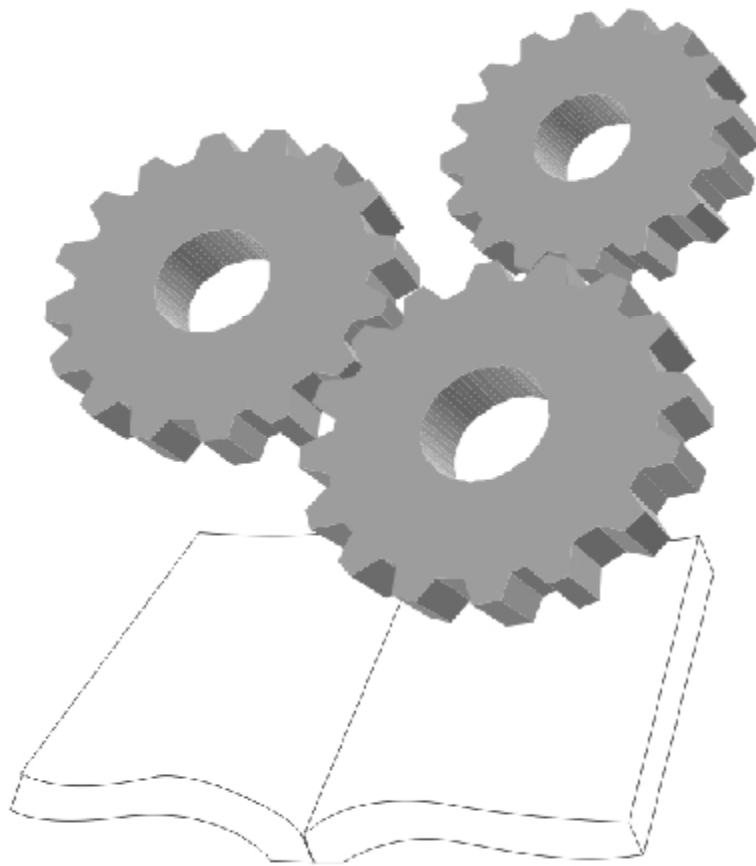
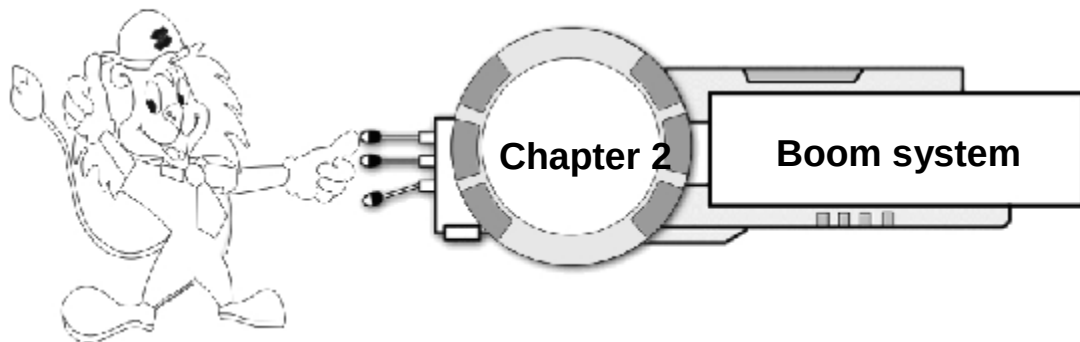
QUY260CR CRAWLER CRANE
D00663400002000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
36	006633014100000001	Air intake system	1
37	006634011100000000	Fuel system of Cummins engine	1
38	006634048000000000	Hydraulic elements assembly	1
39	006634016000000001	Pipe layout – superstructure hydraulic system	1
40	006633044000000003	Slewing mechanism	1
41	1010200003	Operator's cab tilting cylinder SYG63/45-170	1
42	006634007000000001	Operator's cab assembly	1
43	006633013100000000	Cooling system	1
44	006633010100000000	Engine and suspension system	1
45	006632039000000000	Oil pump drive device	1
46	006634030000000000	Hydraulic tank	1
47	006634020000000001	Derricking mechanism	1
48	006634035000000002	Hoisting mechanism	2
49	006634083000000000	Reeving winch	1
50	006634059000000000	Pipe layout – central lubricating system	1
51	006633076200000000	Air conditioning	1
52	00663400000001010	Painting drawing for QUY260 crawler crane	1
53	006634070000000000	Instruction board assembly	1
54	006634051000000001	Cummins engine housing assembly	1
55	006634005000000002	Boarding assembly	1
56	006634015100000000	Hydraulic system diagram	1
56	006634015000000001	Hydraulic system diagram	1
57	006634056000000002	Load moment limiter assembly	4
58	006633061400000000	Superstructure electrics	1
59	006633062200000000	Operator's cab electrics	1
60	006633063400000000	Slewing table electrics	1
61	006634064100000001	Boom electrics	2
62	006634091000000000	Attached tools	1
63	006634092000000001	Attached spare parts list	1
64	006633019000000002	A – frame erection mechanism assembly	1
65	006634099000000000	Technical documents	1
66	204060026	10 # aviation hydraulic oil SH 0358-1995	1
66	204060004	Hydraulic oil H68 NUTO	1
66	204060001	Hydraulic oil H32 NUTO	1
66	204060000	Hydraulic oil H46 NUTO	1



QUY260CR CRAWLER CRANE D00663400002000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
67	006634085000000000	Pipe layout - hydraulic circuit of winches in the slewing table	1
68	006634086000000000	Pipe layout - hydraulic circuit of slewing mechanism	1
69	006634087000000000	Pipe layout - hydraulic circuit of auxiliary devices	1
70	006634088000000000	Pipe layout - boom hydraulic circuit	1
71	006634097000000000	Technical requirements for package and transportation	1
72	006634069000000002	Boom section assy.	1
73	006632009000000000	Intercooling system	1
74	006634003000000000	Heavy fixed jib assy.	1
75	006634050000000000	Electric assembly	1
76	006634089100000000	Hydraulic pipe assy. of Rexroth system	1







Chapter 2 Boom system

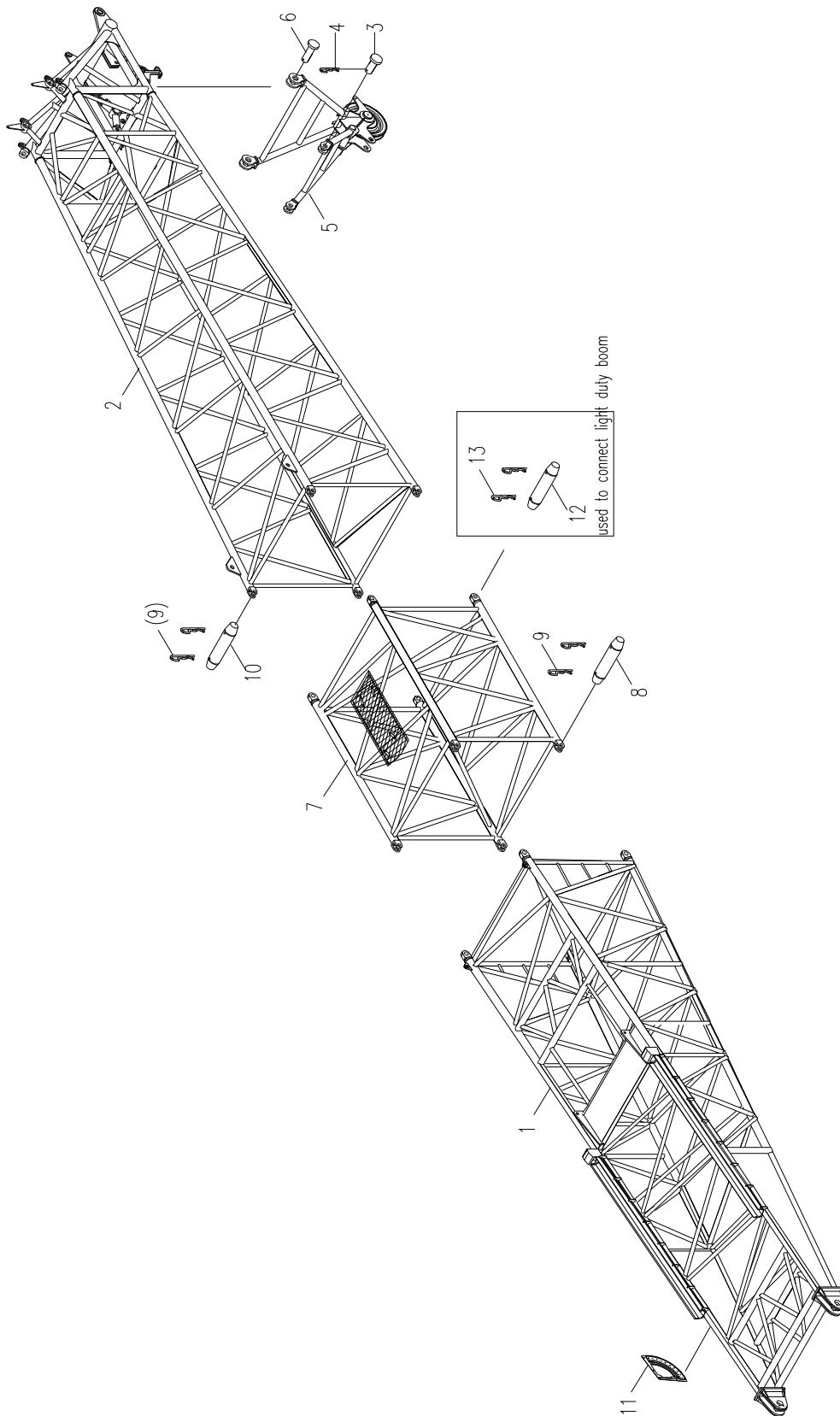
1	Main boom assy. D00663400120000001Y	2-1
1.1	Main boom head assy. D00663400120400000Y	2-3
1.2	Main boom head attachments assembly D00663300102600001Y	2-7
1.3	Main boom pivot section attachments assembly D00663400102400001Y	2-9
1.4	Main boom pivot section attachments assembly D00663400112400001Y	2-11
1.4.1	Rope support D00663300102000000Y	2-13
1.5	Angle indicator D00663300102200000Y	2-15
1.6	Tip boom assy. D00663400100800001Y	2-17
1.7	3m main boom intermediate section attachments assembly D00663300102800001Y ..	2-19
1.8	6m main boom intermediate section attachments assembly D00663300103000001Y	2-21
1.9	9m main boom intermediate section attachments assembly D00663300103200001Y	2-23
1.10	Luffing jib derricking winch D00663402000400002Y	2-25
1.11	260t load hook D00663404100000001Y	2-27
1.12	160/100t load hook D00663404200200002Y	2-29
1.13	50t load hook D00663404200400002Y	2-31
1.14	30t load hook D00663304200600002Y	2-35
1.15	16t load hook D00663804200800000Y	2-37
1.16	Main boom tilting-back support D00663303100200000Y	2-39
1.17	Main boom anchoring rods D00663405400200001Y	2-41
1.18	Light anchoring rods D00663405401000001Y	2-43
1.19	Intermediate tensioners on light duty boom D00663405401200001Y	2-45
2	Fixed jib D00663300200000001Y	2-47
2.1	Fixed jib head D00663300200600002Y	2-49
2.2	Front anchoring rods of fixed jib D00663305400600000Y	2-51
2.3	Rear anchoring rods of fixed jib D00663405400400001Y	2-53
2.4	FA-frame D00663307800000002Y	2-55
2.5	Front tilting-back support of fixed jib D00663303100600000Y	2-57
2.6	Rear tilting-back support of fixed jib D00663303100400000Y	2-59
2.7	Fixed jib front anchoring rods (crane used to lift tunnel boring machine)..... D00663405411000000Y	2-61
2.8	Heavy fixed jib D00663400300000000Y	2-63
2.9	Front anchoring rods of heavy fixed jib D00663405401400000Y	2-65



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3 Luffing jib D00663406620000000Y	2-69
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3.2 Tip boom assy. D00663406601200001Y	2-73
3.3 Front anchoring rods of luffing jib D00663405401800000Y	2-75
3.4 WA-frame 1 D00663408020000000Y	2-77
3.5 WA-frame 2 D00663407920000000Y	2-79
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3.7 Rear tilting-back support of luffing jib D00663403100800002Y	2-83
3.8 Support rod D00663303101400000Y	2-85
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4.1 Boom electrics D00663406410200001Y	2-89
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4.3 Luffing jib electrics D00663406410600001Y	2-93
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5.1 Pipe layout drawing-boom hydraulic system D00663408800000000Y	2-95

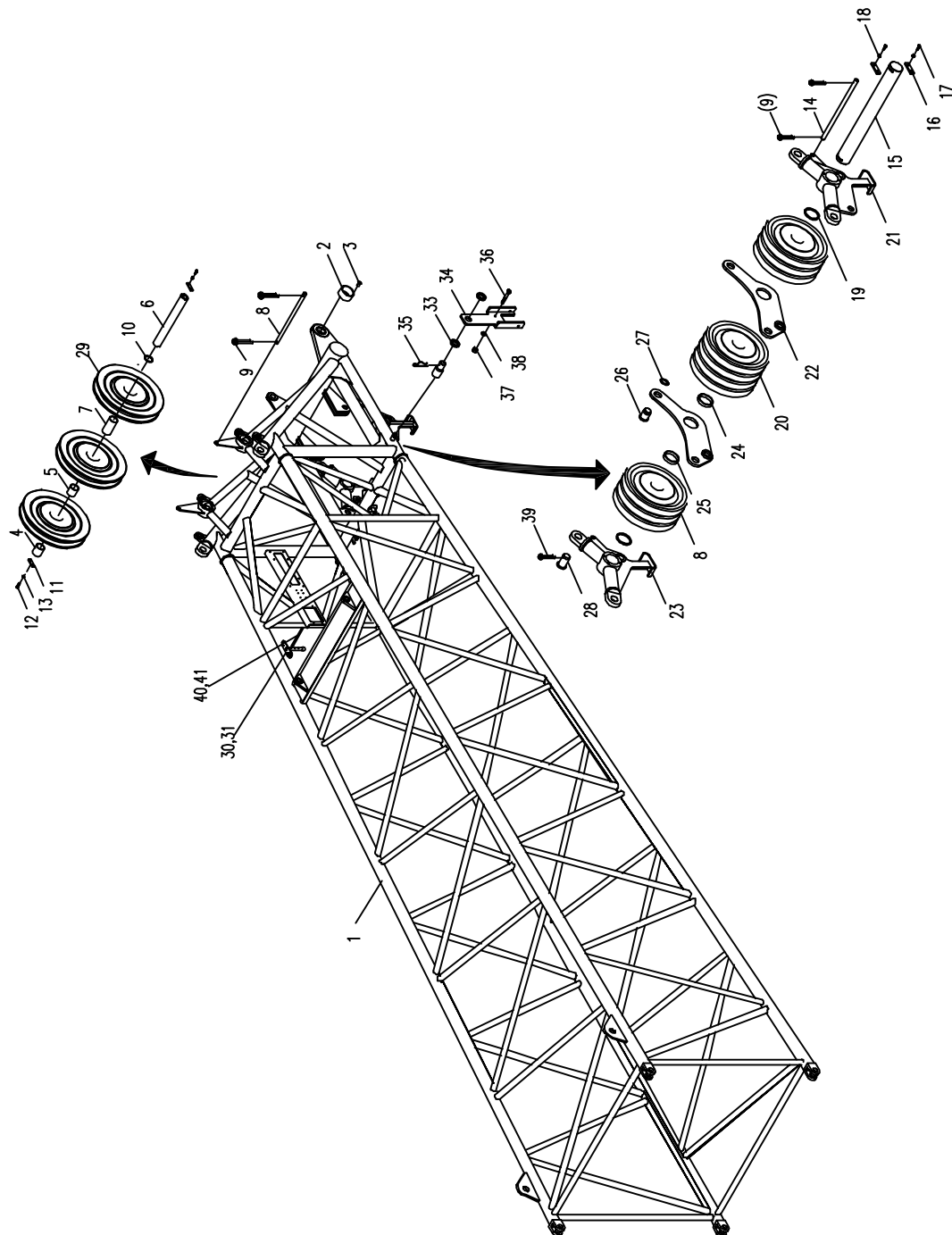


**MAIN BOOM ASSY.
D0066340012000000Y**



MAIN BOOM ASSY. D00663400120000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663400120200000	Main boom pivot section	1
2	00663400120400000	Main boom head assy.	1
3	00663300100001151	Pin spindle	2
4	00663300100001140	Retaining spring	4
5	00663400100800001	Tip boom assy.	1
6	00663300200001030	Pin spindle	2
7	00663400101000000	3 main boom intermediate section	1
8	00663400101200000	6m main boom intermediate section	1
9	00663400101400000	9m main boom intermediate section	6
10	00663400101600001	4m reducing section	1
11	00663300100001082	Pin spindle	34
12	00663300100001230	Retaining pin	72
13	00663300100001132	Pin spindle	2
14	00663300102200000	Angle indicator	1
15	00663400100001040	Pin spindle	4
16	00663604100001050	Retaining pin	8
17	00663400112400001	Main boom pivot section attachments assembly	1
17	00663400102400001	Main boom pivot section attachments assembly	1
18	00663400102600000	main boom head attachments assembly	1
19	00663400101800000	3m main boom intermediate section attachments assembly	1
20	00663400102000000	6m main boom intermediate section attachments assembly	1
21	00663400102200000	9m main boom intermediate section attachments assembly	6
22	00663400102800000	4m reducing section attachments assembly	1
Note: Pos. 17 to 23 are not shown in the drawing.			

MAIN BOOM HEAD ASSY. D00663400120400000Y

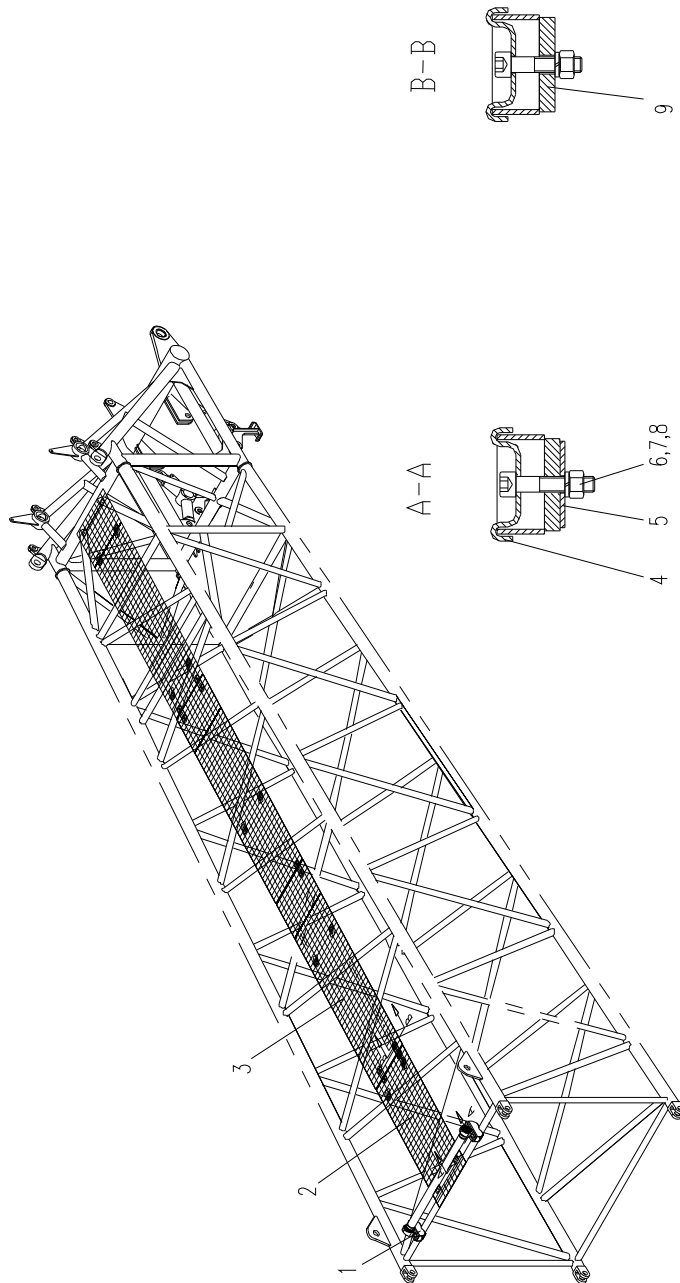


MAIN BOOM HEAD ASSY. D00663400120400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663400120410000	Main boom head	1
2	00663300101601390	Brass bush	2
3	1040100061	Screw M10*20-22H GB73-1985	2
4	00663400100401381	Spacing sleeve	1
5	00663400100401391	Spacing sleeve	1
6	00663400100401470	Deflection pulley spindle	1
7	00663400100401401	Spacing sleeve	1
8	00663400100401411	Pipe	1
9	1040500047	Cotter pin 5*70 GB/T91-2000	4
10	00663300100001010	Spacing sleeve	1
11	00663300111601100	Retaining plate	2
12	1040000090	Bolt M10*30-8.8 GB/T5783-2000	4
13	1040300067	Washer 10 GB/T93-1987	4
14	00663400100401421	Pipe	1
15	00663400100401431	Shaft	1
16	6340000055	Retaining plate 130	4
17	1040000082	Bolt M16*40-8.8 GB/T5783-2000	8
18	1040300065	Washer 16 GB/T93-1987	8
19	00663400100401510	Spacing sleeve	9
20	00663400100450000	Pulley	10
21	00663400100460000	Left connecting plate assy.	1
22	00663400100470001	Connecting plate	2
23	00663400100480000	Right connecting plate assy.	1
24	00663400100401520	Spacing sleeve	2
25	00663400100401500	Spacing sleeve	2
26	00663400100401490	Pin spindle	4
27	1140300189	Retainer ring 65 GB/T894.1-1986	4
28	00663300111601010	Pin spindle	4
29	00663302100200002	Pulley assy.	3
30	00663200102410000	Mounting bracket	1
31	1040500126	Cotter pin 5*26 GB/T91-2000	1
32	204110014	Lithium base grease ZL-2	1
33	00663200102401010	Pad	2
34	00663400100410000	Mounting bracket	1
35	006340000032	Retaining spring (D16,18,20)	1
36	1040000304	Bolt M4*40-8.8 GB/T5783-2000	2

MAIN BOOM HEAD ASSY. D00663400120400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
37	1040200100	Nut M4-8 GB/T6170-2000	2
38	1040300044	Washer 4 GB/T93-1987	2
39	1040500186	Cotter pin 10*90 GB/T91-2000	4
40	00663606600401050	Rod	1
41	1040500353	Retaining spring (D30,32,35)	1



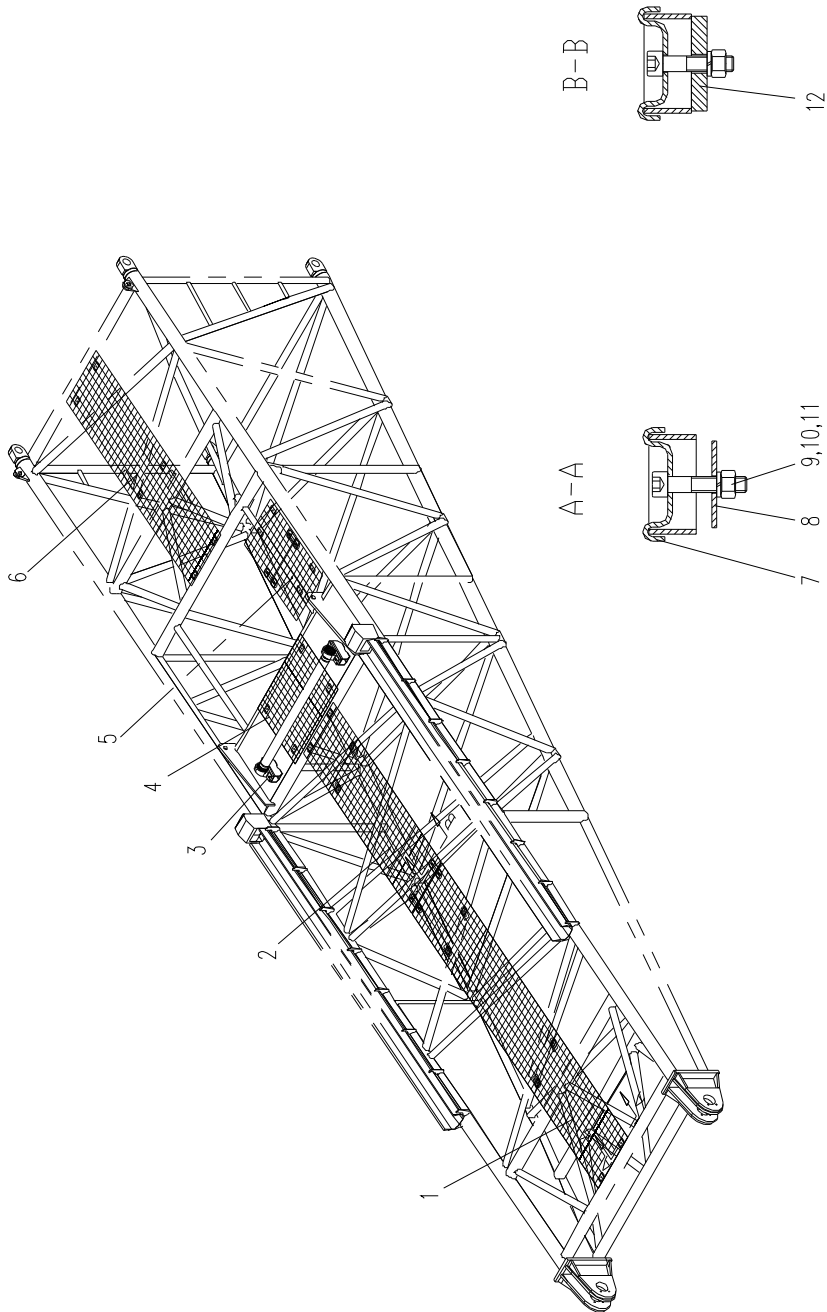
MAIN BOOM HEAD ATTACHMENTS ASSEMBLY
D00663300102600001Y





MAIN BOOM HEAD ATTACHMENTS ASSEMBLY D00663300102600001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300102000000	Rope support	1
2	1991900004	Grating RD-QUY400-10	1
3	1991900007	Grating RD-QUY400-6	3
4	1991900001	Chuck plate RD-QUY400-16	24
5	00663600102401050	Plate	14
6	1040100166	Screw M10*50-8.8 GB/T70.1-2000	24
7	1040200113	Nut M10-8 GB/T6170-2000	24
8	1040300067	Washer 10 GB/T93-1987	24
9	1991900003	Connecting plate RD-QUY400-17	5

**MAIN BOOM PIVOT SECTION ATTACHMENTS ASSEMBLY
D00663400102400001Y**

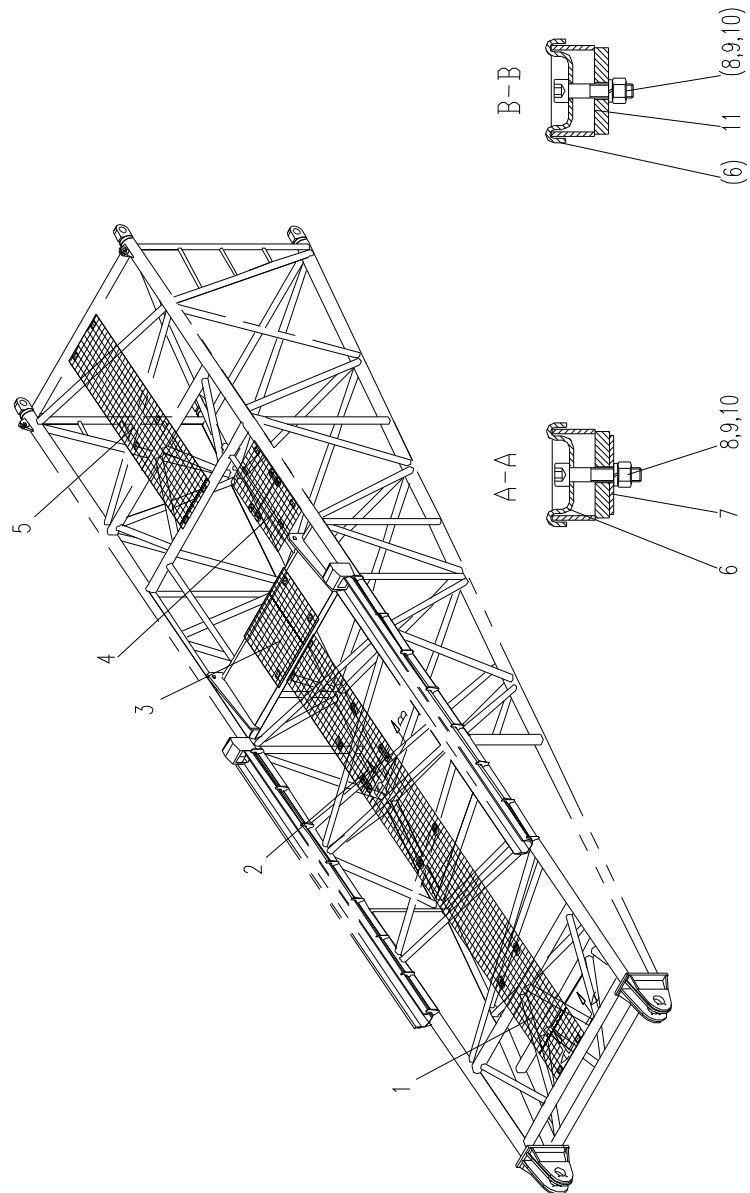




MAIN BOOM PIVOT SECTION ATTACHMENTS ASSEMBLY
D00663400102400001Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1991900006	Grating RD-QUY400-7	1
2	1991900008	Grating RD-QUY400-23	1
3	00663300102000000	Rope support	1
4	19919000010	Grating RD-QUY600-1	1
5	19919000009	Grating 400*480 RD-QUY600-14	2
6	19919000007	Grating RD-QUY400-6	1
7	19919000001	Chuck plate RD-QUY400-16	32
8	00663600102401050	Plate	24
9	1040100166	Screw M10*50-8.8 GB/T70.1-2000	32
10	1040200113	Nut M10-8 GB/T6170-2000	32
11	1040300067	Washer 10 GB/T93-1987	32
12	19919000003	Connecting plate RD-QUY400-17	4

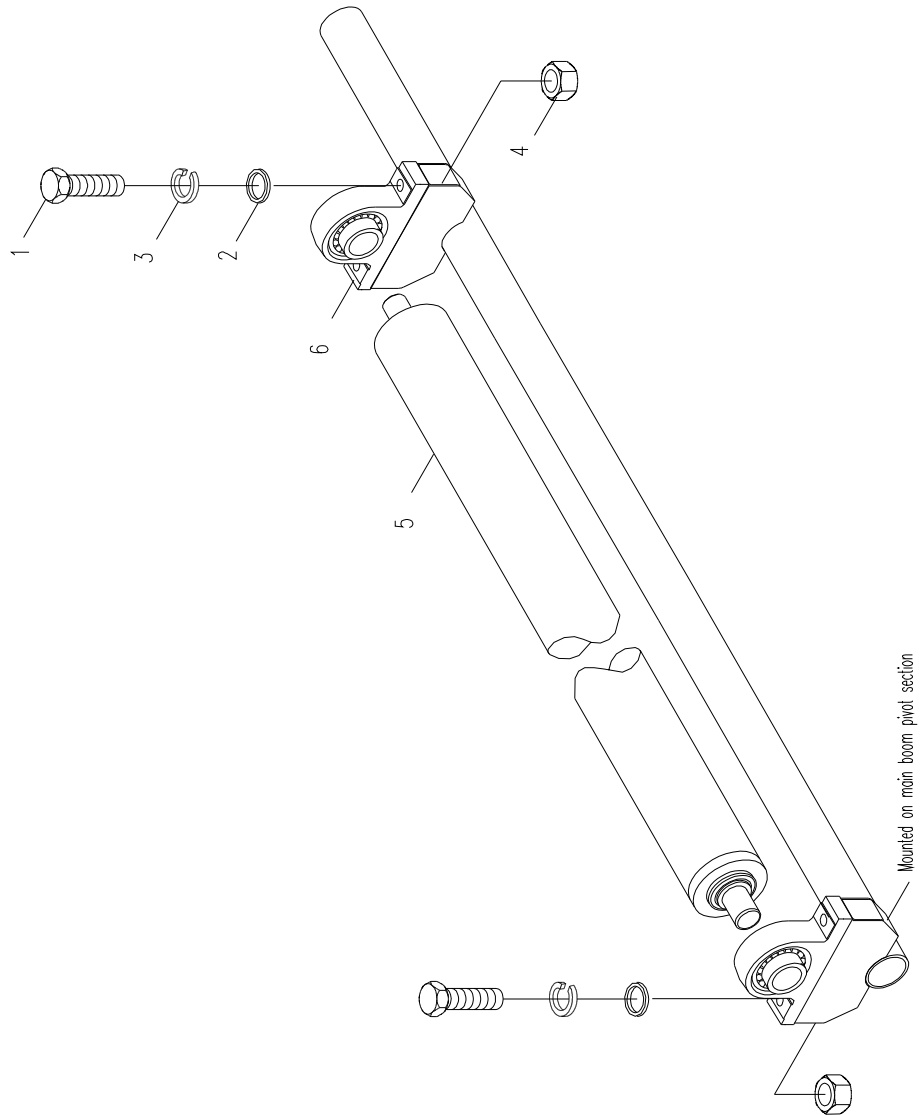
**MAIN BOOM PIVOT SECTION ATTACHMENTS ASSEMBLY
D00663400112400001Y**





MAIN BOOM PIVOT SECTION ATTACHMENTS ASSEMBLY D00663400112400001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1991900006	Grating RD-QUY400-7	1
2	1991900008	Grating RD-QUY400-23	1
3	1991900010	Grating RD-QUY600-1	1
4	1991900009	Grating 400*480 RD-QUY600-14	2
5	1991900007	Grating RD-QUY400-6	1
6	1991900001	Chuck plate RD-QUY400-16	32
7	00663600102401050	Plate	24
8	1040100166	Screw M10*50-8.8 GB/T70.1-2000	32
9	1040200113	Nut M10-8 GB/T6170-2000	32
10	1040300067	Washer 10 GB/T93-1987	32
11	1991900003	Connecting plate RD-QUY400-17	4

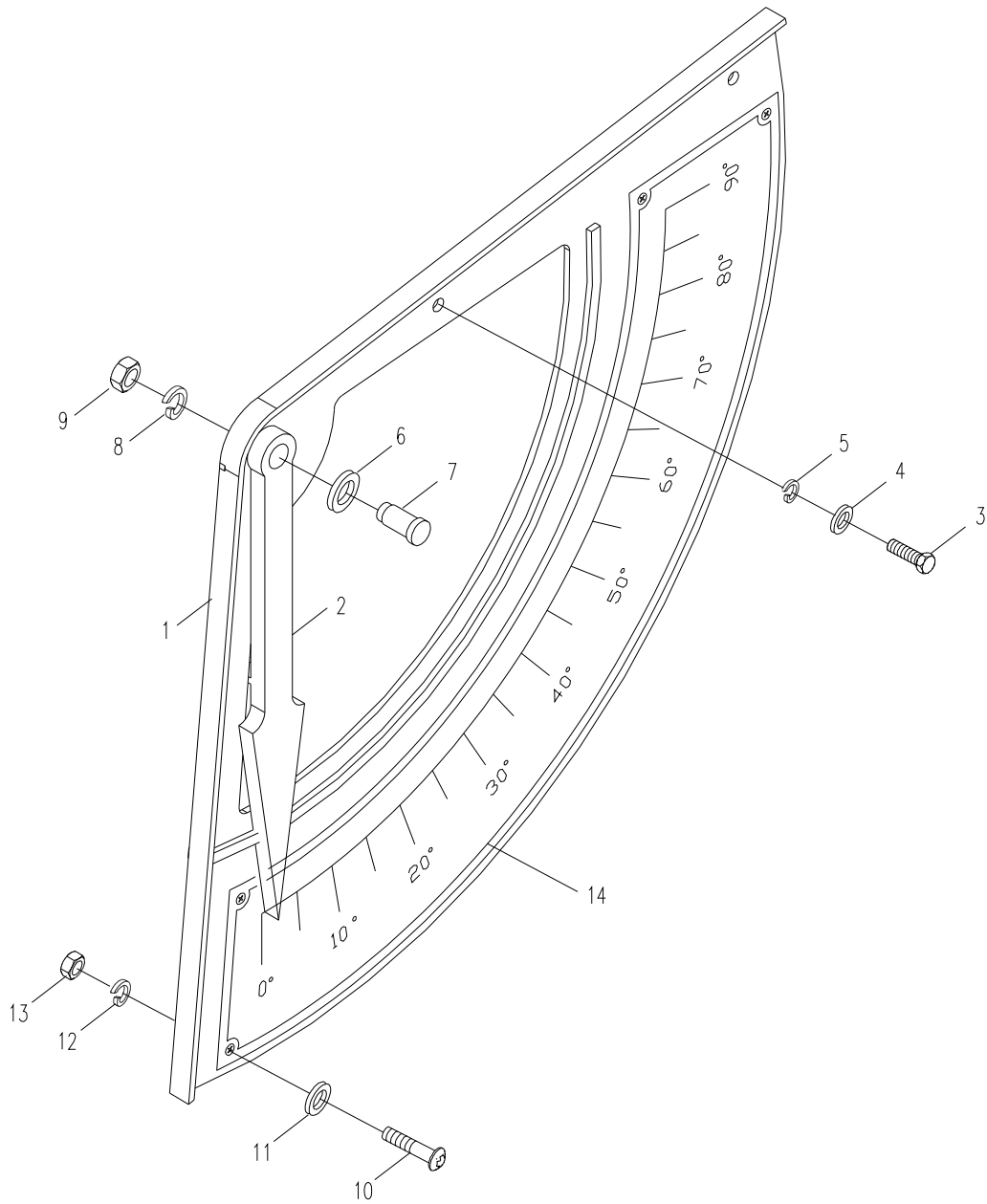
**ROPE SUPPORT
D00663300102000000Y**





ROPE SUPPORT D00663300102000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000169	Bolt M12*45-8.8 GB/T5783-2000	4
2	1040300041	Washer 12-200HV GB/T97.1-2002	4
3	1040300054	Washer 12 GB/T93-1987	4
4	1040200096	Nut M12-8 GB/T6170-2000	4
5	00663300102010000	Rope support	1
6	1050200136	Bearing 290507 GB3882-1987	2

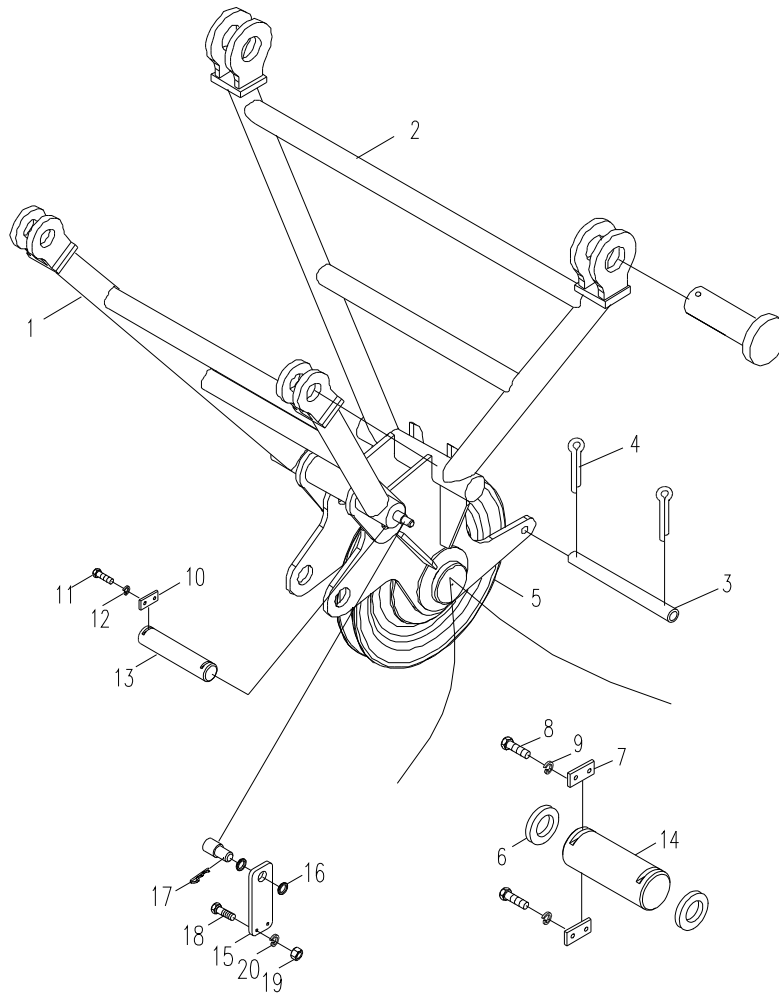
**ANGLE INDICATOR
D00663300102200000Y**





ANGLE INDICATOR D00663300102200000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300102210000	Base plate	1
2	00663300102220000	Pointer	1
3	1040000267	Bolt M8*20-8.8 GB/T5783-2000	2
4	1040300063	Washer 8 GB/T93-1987	2
5	1040300066	Washer 8-200HV GB/T97.1-2002	1
6	00663300102201020	Washer	1
7	00663300102201030	Fixing bolt	1
8	1040300062	Washer 6 GB/T93-1987	1
9	1040200111	Nut M6-8 GB/T6170-2000	1
10	1040100001	Screw M8*20-4.8 GB/T818-2000	4
11	1040300045	Washer 4-200HV GB/T97.1-2002	8
12	1040300044	Washer 4 GB/T93-1987	4
13	1040200100	Nut M4-8 GB/T6170-2000	4
14	00663300102201010	Angle indicator	1

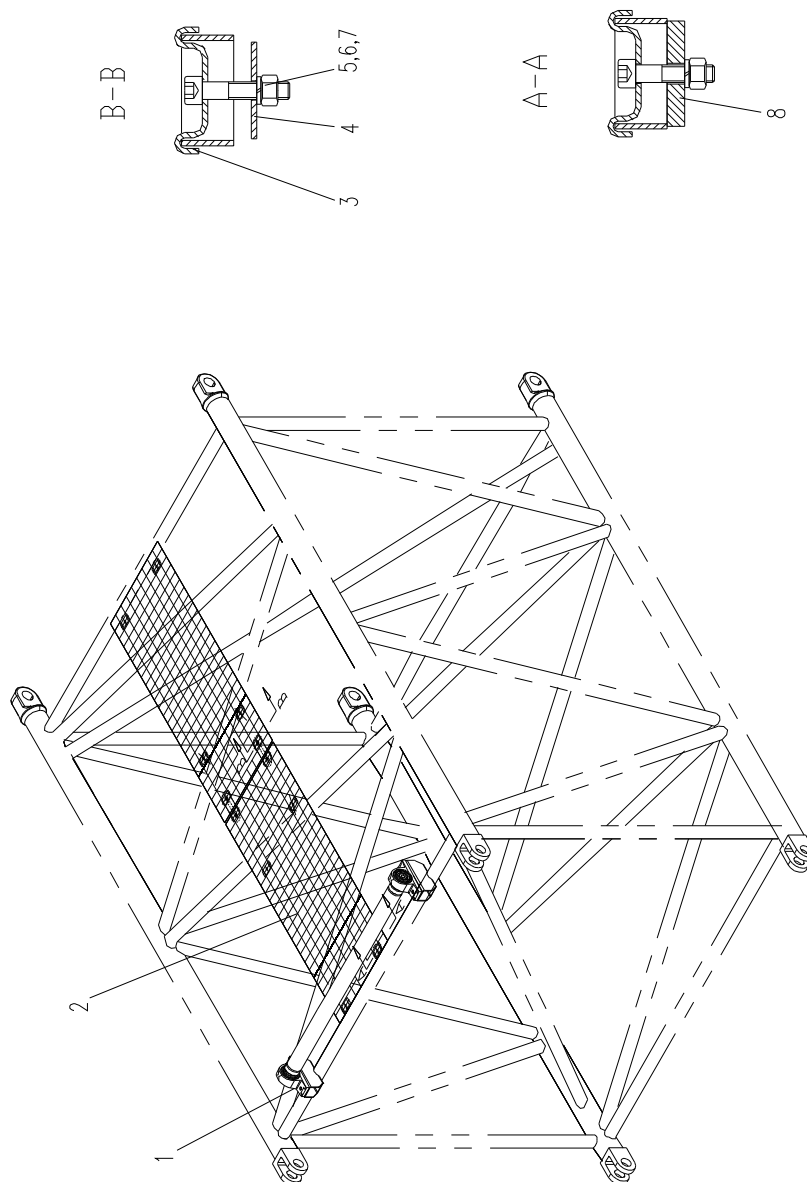
**TIP BOOM ASSY.
D00663400100800001Y**





TIP BOOM ASSY. D00663400100800001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663400100810001	Connecting support	1
2	00663400100820001	Connecting support	1
3	00663400100801010	Rope guard tube	1
4	1040500040	Cotter pin 6.3*50 GB/T91-2000	2
5	00663302100200002	Pulley assy.	1
6	00663300100001010	Spacing sleeve	2
7	6340000056	Retaining plate 120	2
8	1040000140	Bolt M16*45-10.9 GB/T5783-2000	4
9	1040300065	Washer 16 GB/T93-1987	4
10	6340000003	Retaining plate 50	2
11	1040000167	Bolt M10*55-8.8 GB/T5783-2000	4
12	1040300067	Washer 10 GB/T93-1987	4
13	00663400100801020	Shaft	1
14	00663400100801030	Shaft	1
15	204110014	Lithium base grease ZL-2	1
16	00663400100410000	Mounting bracket	1
17	00663200102401010	Pad	2
18	6340000032	Retaining spring (D16,18,20)	1
19	1040000304	Bolt M4*40-8.8 GB/T5783-2000	2
20	1040200100	Nut M4-8 GB/T6170-2000	2
21	1040300044	Washer 4 GB/T93-1987	2

**3M MAIN BOOM INTERMEDIATE SECTION ATTACHMENTS ASSEMBLY
D00663300102800001Y**

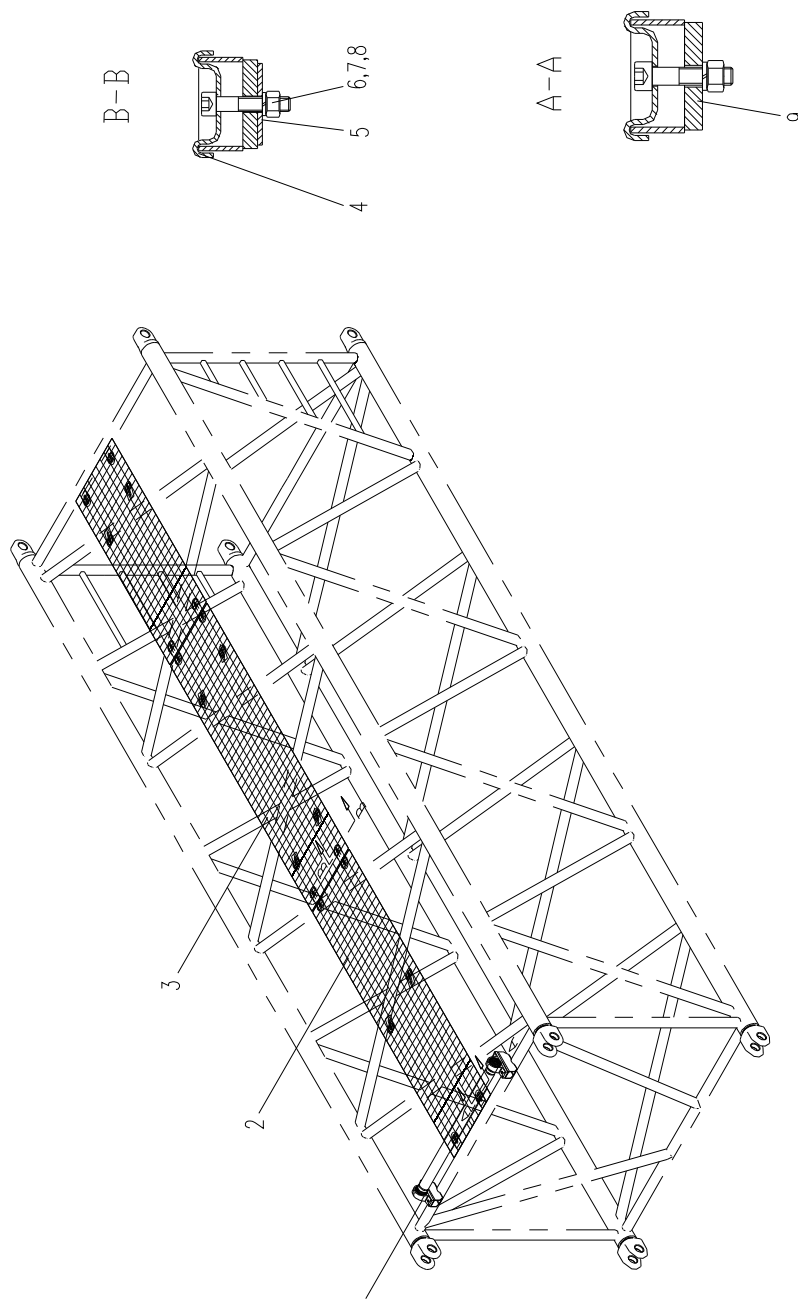




3M MAIN BOOM INTERMEDIATE SECTION ATTACHMENTS ASSEMBLY
D00663300102800001Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300102000000	Rope support	1
2	1991900008	Grating RD-QUY400-23	2
3	1991900001	Chuck plate RD-QUY400-16	12
4	00663600102401050	Plate	8
5	1040100166	Screw M10*50-8.8 GB/T70.1-2000	12
6	1040200113	Nut M10-8 GB/T6170-2000	12
7	1040300067	Washer 10 GB/T93-1987	12
8	1991900003	Connecting plate RD-QUY400-17	2

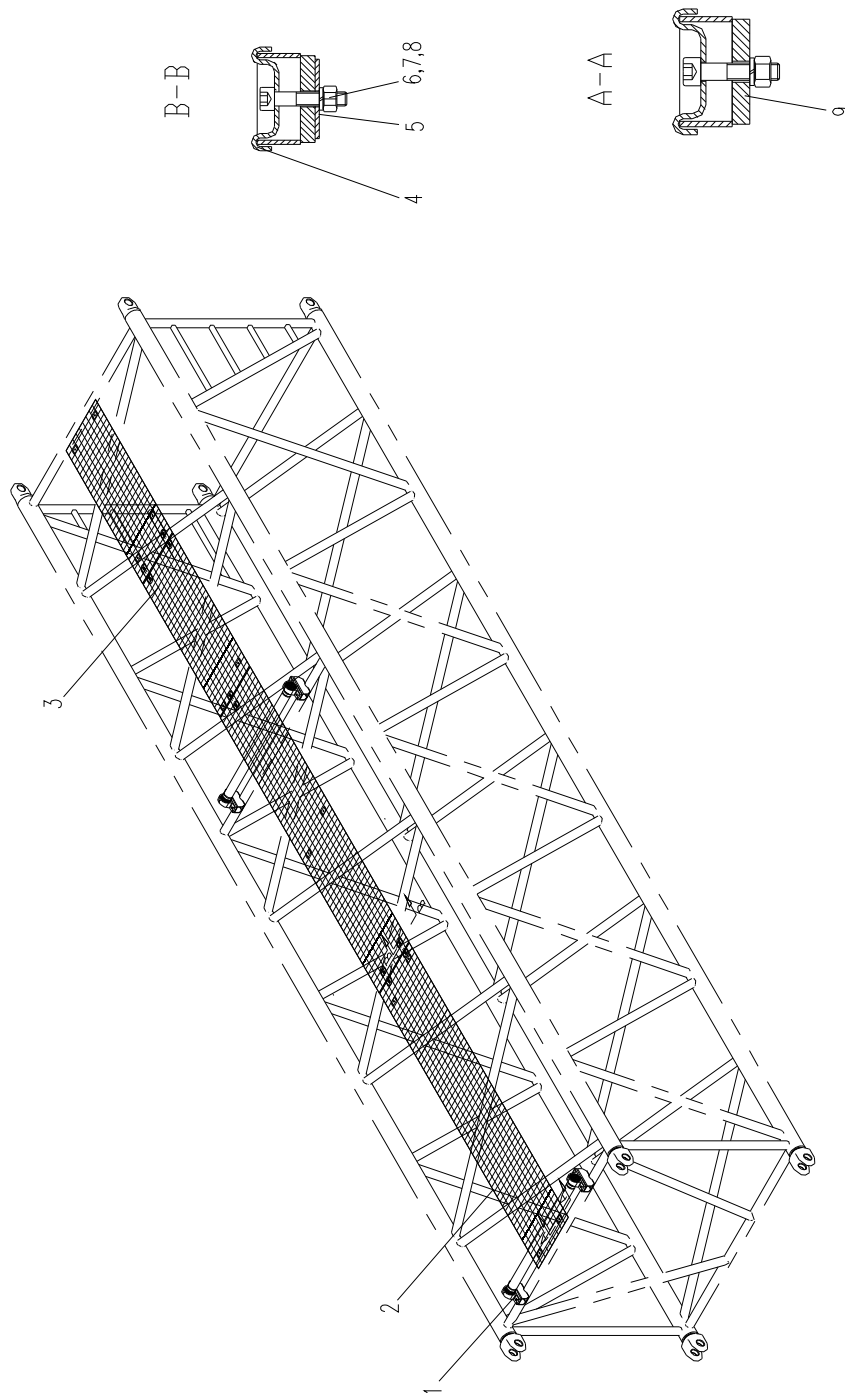
**6M MAIN BOOM INTERMEDIATE SECTION ATTACHMENTS ASSEMBLY
D00663300103000001Y**





6M MAIN BOOM INTERMEDIATE SECTION ATTACHMENTS ASSEMBLY D00663300103000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300102000000	Rope support	1
2	1991900005	Grating	2
3	1991900004	Grating	1
4	1991900001	Chuck plate	20
5	00663600102401050	Plate	12
6	1040100166	Screw M10*50-8.8 GB/T70.1-2000	20
7	1040200113	Nut M10-8 GB/T6170-2000	20
8	1040300067	Washer 10 GB/T93-1987	20
9	1991900003	Connecting plate RD-QUY400-17	4

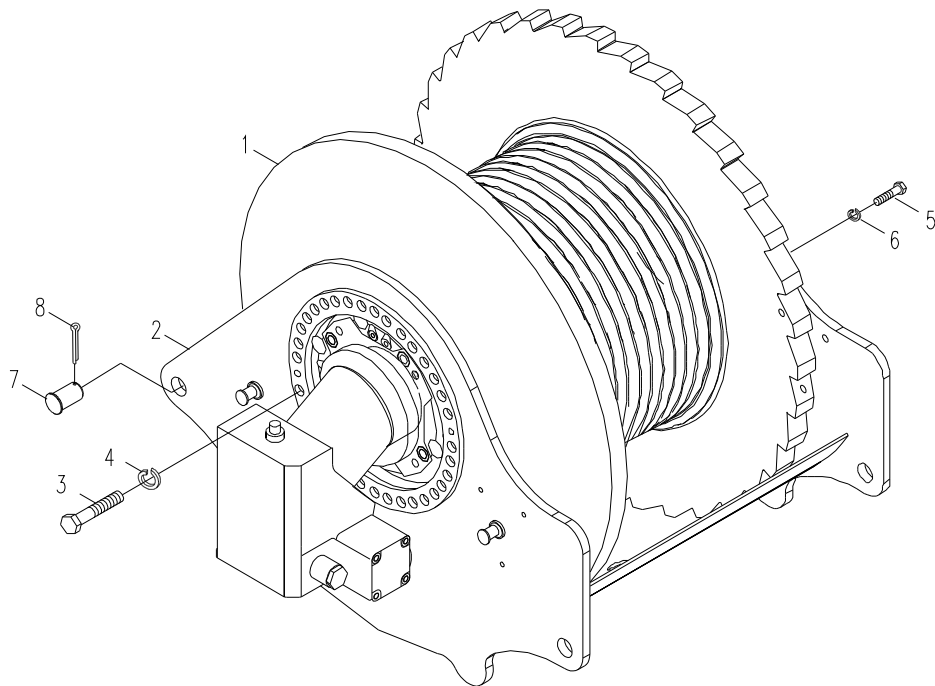
**9M MAIN BOOM INTERMEDIATE SECTION ATTACHMENTS ASSEMBLY
D00663300103200001Y**





9M MAIN BOOM INTERMEDIATE SECTION ATTACHMENTS ASSEMBLY D00663300103200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300102000000	Rope support	2
2	1991900006	Grating RD-QUY400-7	2
3	1991900004	Grating RD-QUY400-10	24
4	1991900001	Chuck plate RD-QUY400-16	24
5	00663600102401050	Plate	2
6	1040100166	Screw M10*50-8.8 GB/T70.1-2000	24
7	1040200113	Nut M10-8 GB/T6170-2000	24
8	1040300067	Washer 10 GB/T93-1987	5
9	1991900003	Connecting plate RD-QUY400-17	14

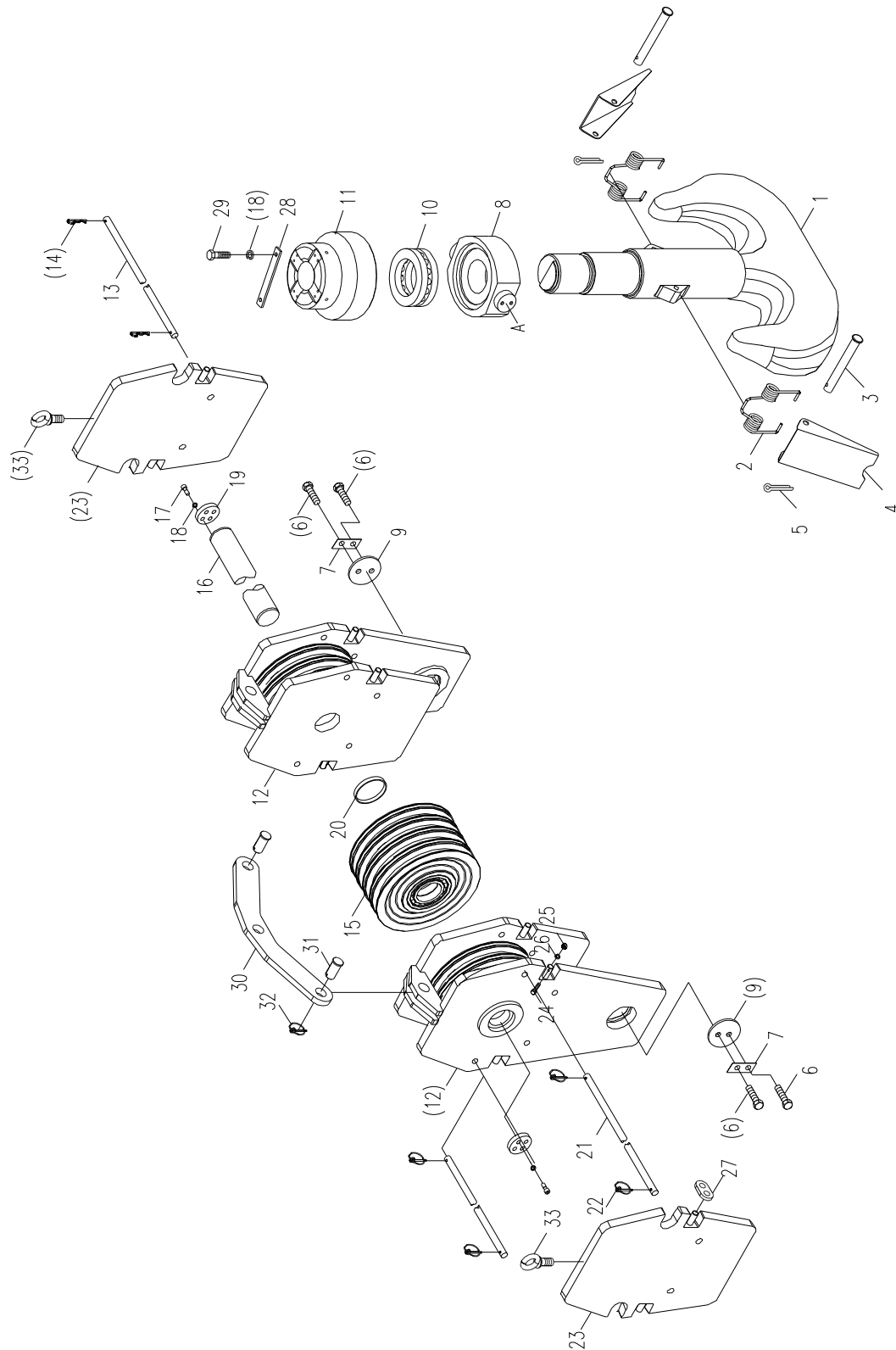
**LUFFING JIB DERRICKING WINCH
D00663402000400002Y**





LUFFING JIB DERRICKING WINCH D00663402000400002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1030200175	Winch reducer + motor	1
2	00663402000410002	Support	1
3	1040000141	Bolt M24*80-8.8 GB/T5782-2000	4
4	1040300049	Washer 24 GB/T93-1987	12
5	1040000198	Bolt M16*50-8.8 GB/T5783-2000	4
6	1040300065	Washer 16 GB/T93-1987	12
7	00663003100401010	Pin spindle	20
8	1040500047	Cotter pin 5*70 GB/T91-2000	20
9	204110014	Lithium base grease	1
10	204050019	Industrial closed gear oil	1
11	202230016	Loctite glue 262	1
13	1020400095	Lowering limiter	1
14	00663408200001040	Luffing rope Φ28-left-hand ordinary lay -1960	1
Note: Pos. 9 to 14 are not shown in the drawing.			

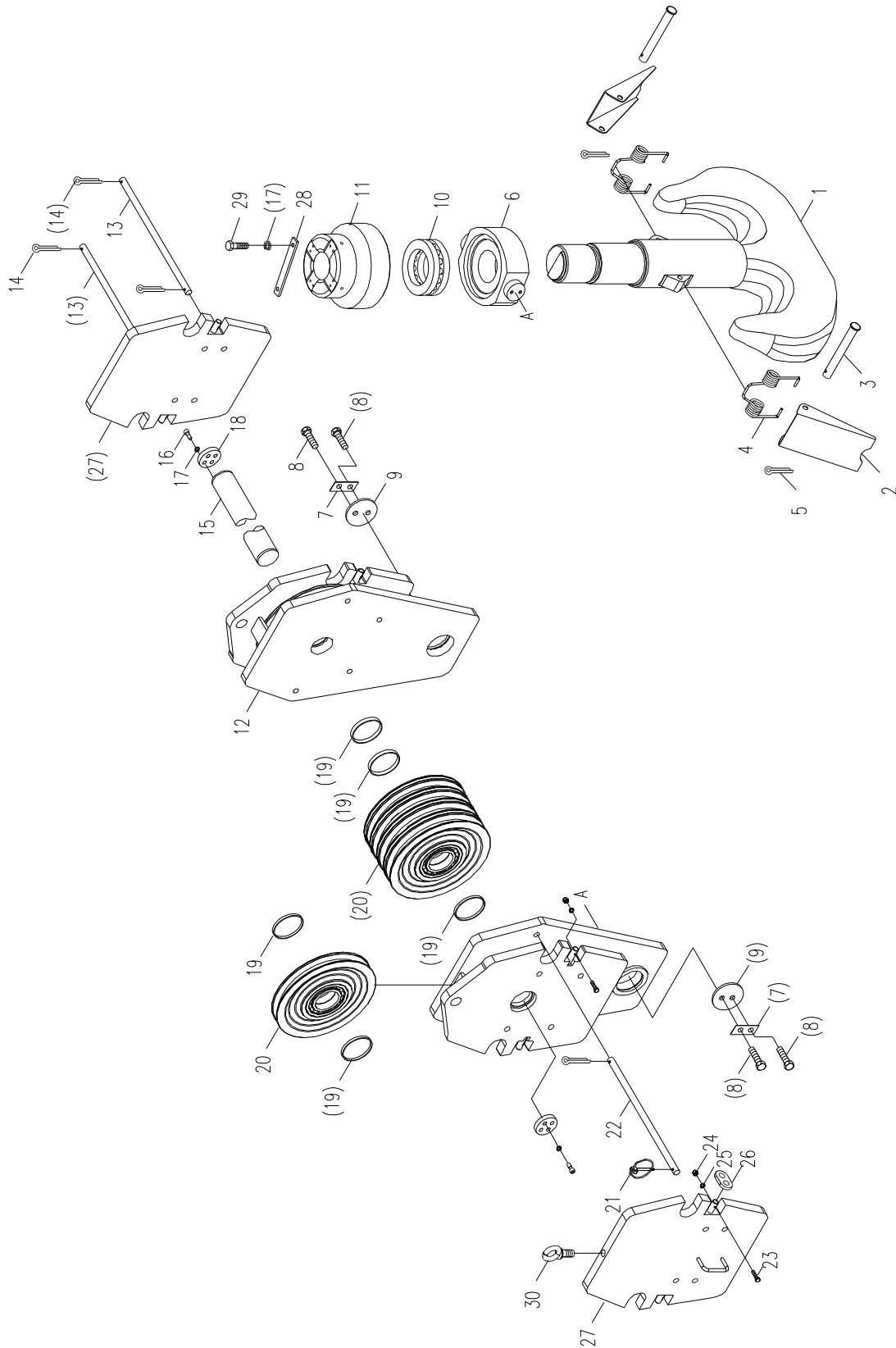
MAIN LOAD HOOK
D00663404100000001Y





MAIN LOAD HOOK D00663404100000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663304100001010	Main load hook	1
2	00663204100001150	Torsional spring	2
3	00663204100001140	Pin spindle	2
4	00663204100001130	Retaining plate	2
5	1040500040	Cotter pin 6.3*50 GB/T91-2000	2
6	1040000016	Bolt M16*35-8.8 GB/T5783-2000	4
7	6340000058	Shaft end stop shim	2
8	00663304100001020	Cross beam	1
9	6340000057	Two-hole retainer ring 170	2
10	1059900000	Bearing 9039438E GB5859-1986	1
11	00663304100001030	Hook nut	1
12	00663404100200001	Right side plate assy.	2
13	00663404100001011	Rod	2
14	6340000029	Retaining spring (D30,32,35)	4
15	00663804200430000	Pulley assy.	10
16	00663404100001021	Pulley spindle	1
17	1040100125	Screw M12*30-8.8 GB/T70.1-2000	8
18	1040300054	Washer 12 GB/T93-1987	10
19	00663604200201050	Shaft end cover	2
20	00663404100001031	Spacing sleeve	6
21	00663404100001040	Rope guard tube	2
22	00663604100230000	Safety pin	4
23	00663404100800000	Counterweight II	2
24	1040000077	Bolt M8*40-8.8 GB/T5783-2000	8
25	1040200183	Nut M8-10 GB/T6170-2000	12
26	1040300063	Washer 8 GB/T93-1987	12
27	00663404100001050	Connecting plate	4
28	00663304100001080	Locking plate	1
29	1040000108	Bolt M12*30-8.8 GB/T5783-2000	2
30	00663404100001070	Connecting beam	1
31	00663404100001080	Pin spindle	2
32	00663604200230000	Safety pin	2
33	1040100100	Screw M20 GB825-1988	2
34	204110014	Lithium base grease ZL-2	1

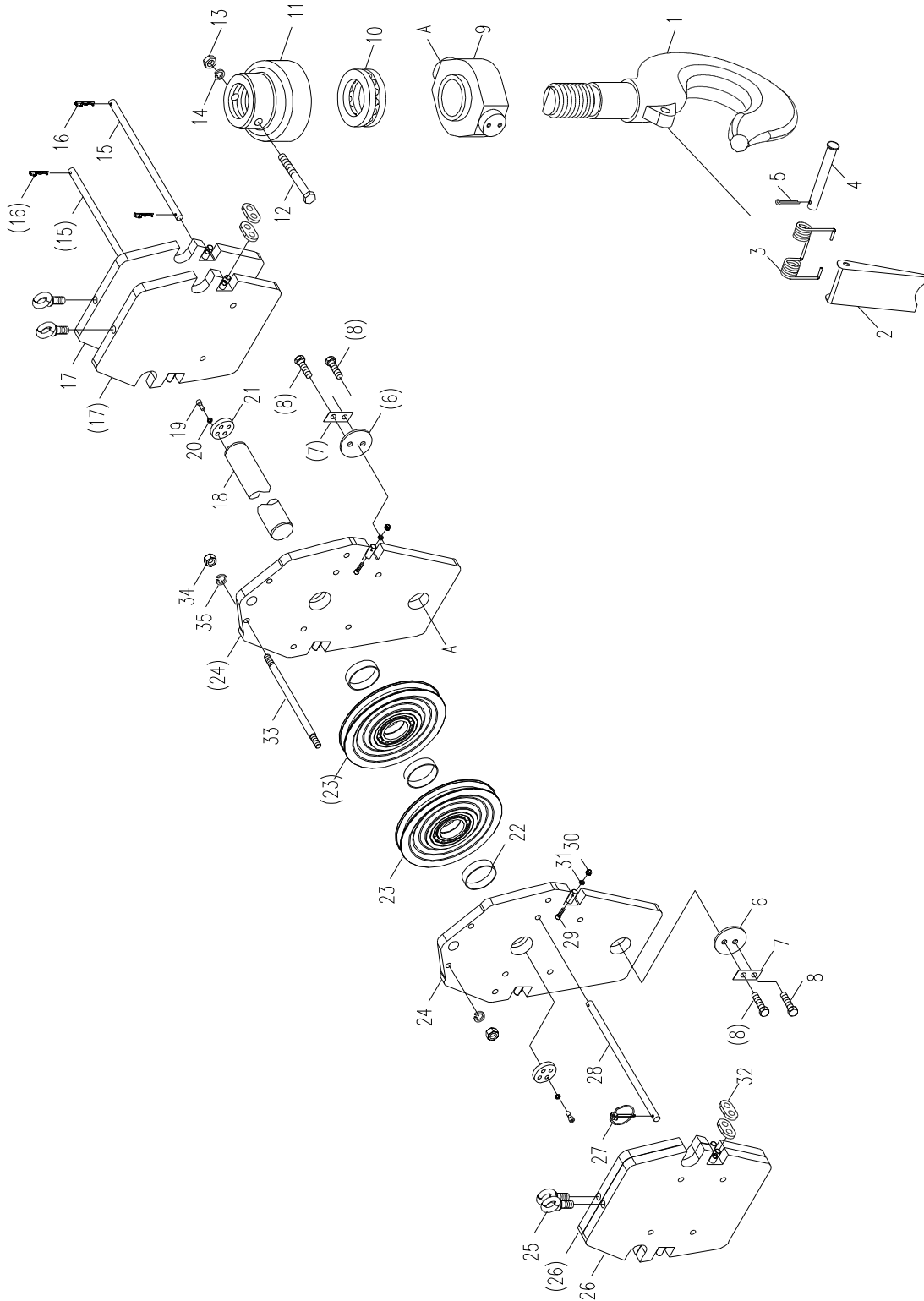
**LOAD HOOK (160/100T)
D00663404200200002Y**





LOAD HOOK (160/100T) D00663404200200002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663204100001120	Straight shank twin hook	1
2	00663204100001130	Retaining plate	2
3	00663204100001140	Pin spindle	2
4	00663204100001150	Torsional spring	2
5	1040500040	Cotter pin 6.3*50 GB/T91-2000	2
6	00663404200201050	Cross beam	1
7	6340000058	Shaft end stop shim	2
8	1040000016	Bolt M16*35-8.8 GB/T5783-2000	4
9	6340000057	Two-hole retainer ring 170	2
10	1050200137	Bearing 9039434E GB5859-1986	1
11	00663204100001100	Hook nut	1
12	00663404200210001	Right side plate assy.	2
13	00663404200201011	Rope guard tube	2
14	6340000029	Retaining spring (D30,32,35)	4
15	00663404200201021	Pulley spindle	1
16	1040100125	Screw M12*30-8.8 GB/T70.1-2000	8
17	1040300054	Washer 12 GB/T93-1987	12
18	00663604200201050	Shaft end cover	2
19	00663604200221050	Retainer ring	9
20	00663804200430000	Pulley assy.	6
21	00663604100230000	Safety pin	4
22	00663404200201041	Rod	2
23	1040000077	Bolt M8*40-8.8 GB/T5783-2000	8
24	1040200183	Nut M8-10 GB/T6170-2000	8
25	1040300063	Washer 8 GB/T93-1987	8
26	00663404100001060	Connecting plate	4
27	00663404200230002	Counterweight assy.	2
28	00663204100001160	Locking plate	1
29	1040000108	Bolt M12*30-8.8 GB/T5783-2000	2
30	1040100100	Screw M20 GB825-1988	2
31	204110014	Lithium base grease ZL-2	1
32	1080000001	Oil cup M10*1 GB1152-1979	1
Note: Pos. 31 and 32 are not shown in the drawing.			

LOAD HOOK (50T)
D00663404200400002Y





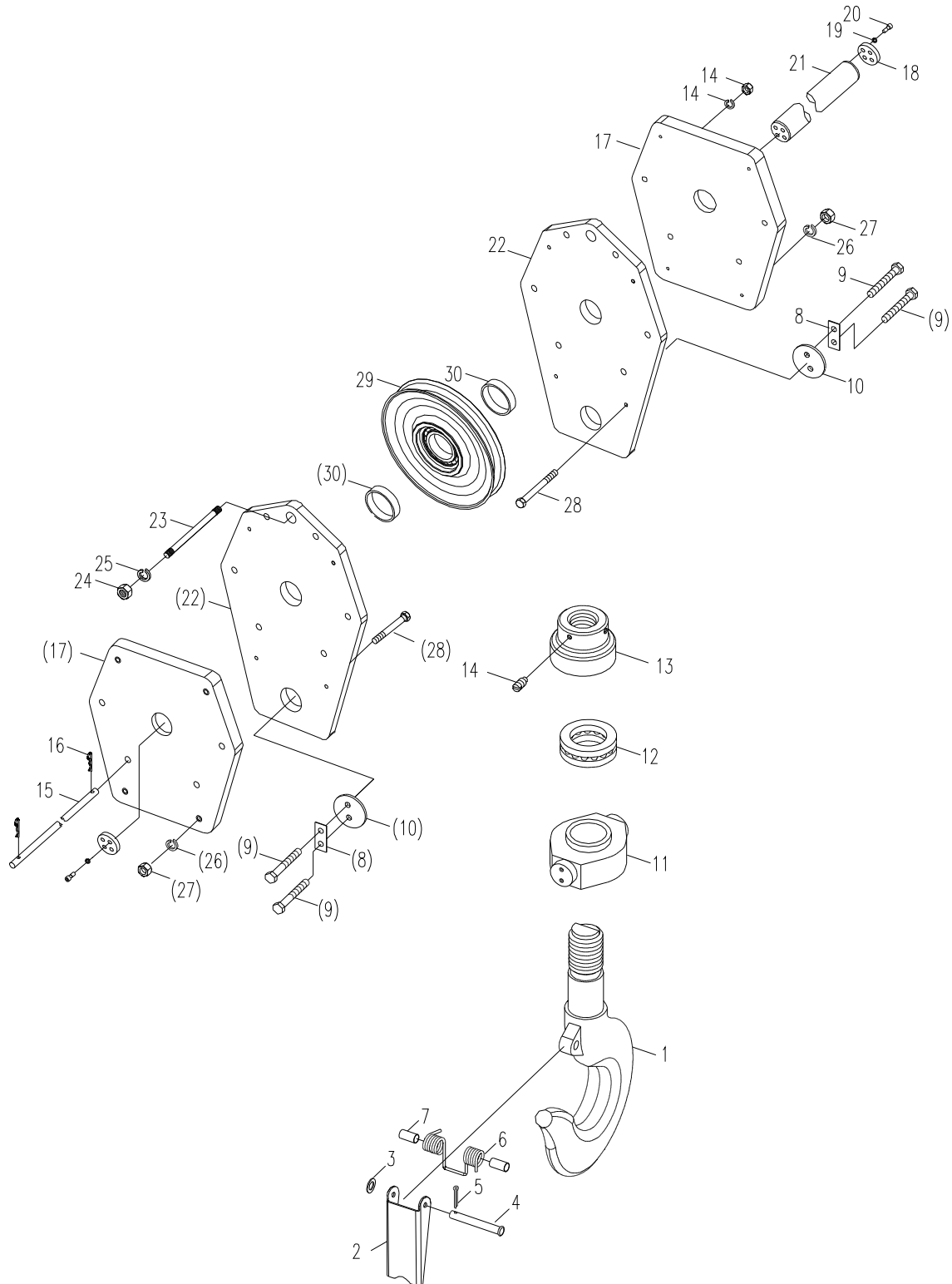
LOAD HOOK (50T) D00663404200400002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663404200401010	Hook	1
2	00663014100001070	Retaining plate	1
3	00663014100001080	Torsional spring	1
4	1040500166	Pin spindle B12*95 GB/T882-1986	1
5	1040500075	Cotter pin 4*20 GB/T91-2000	1
6	6340000005	Two-hole retainer ring 120	2
7	6340000050	Shaft end stop shim	2
8	1040000114	Bolt M10*25-8.8 GB/T5783-2000	4
9	00663304200401011	Cross beam	1
10	1050200075	Rolling bearing 8324 GB301-1984	1
11	00663204200401050	Hook nut	1
12	1040000279	Bolt M10*180-8.8 GB/T5782-2000	1
13	1040200113	Nut M10-8 GB/T6170-2000	1
14	1040300067	Washer 10 GB/T93-1987	1
15	00663404200401020	Rod	2
16	6340000029	Retaining spring (D30,32,35)	4
17	00663404200230002	Counterweight assy.	2
18	00663404200401030	Pulley spindle	1
19	1040100125	Screw M12*30-8.8 GB/T70.1-2000	8
20	1040300054	Washer 12 GB/T93-1987	8
21	00663604200201050	Shaft end cover	2
22	00663404200401040	Retainer ring	3
23	00663804200430000	Pulley assy.	2
24	00663404200410000	Side cover assy.	2
25	1040100100	Screw M20 GB825-1988	4
26	00663404200430000	Counterweight	2
27	00663604100230000	Safety pin	4
28	00663404200401050	Rope guard tube	2
29	1040000077	Bolt M8*40-8.8 GB/T5783-2000	12
30	1040200183	Nut M8-10 GB/T6170-2000	12
31	1040300063	Washer 8 GB/T93-1987	12
32	00663404100001060	Connecting plate	8
33	00663404200401060	Rod	2
34	1040200197	Nut M30-8 GB/T6170-2000	4
35	1040300010	Washer 30 GB/T93-1987	4



LOAD HOOK (50T) D00663404200400002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
36	204110014	Lithium base grease ZL-2	1
37	1080000001	Oil cup M10*1 GB1152-1979	1
Note: Pos. 36 and 37 are not shown in the drawing.			



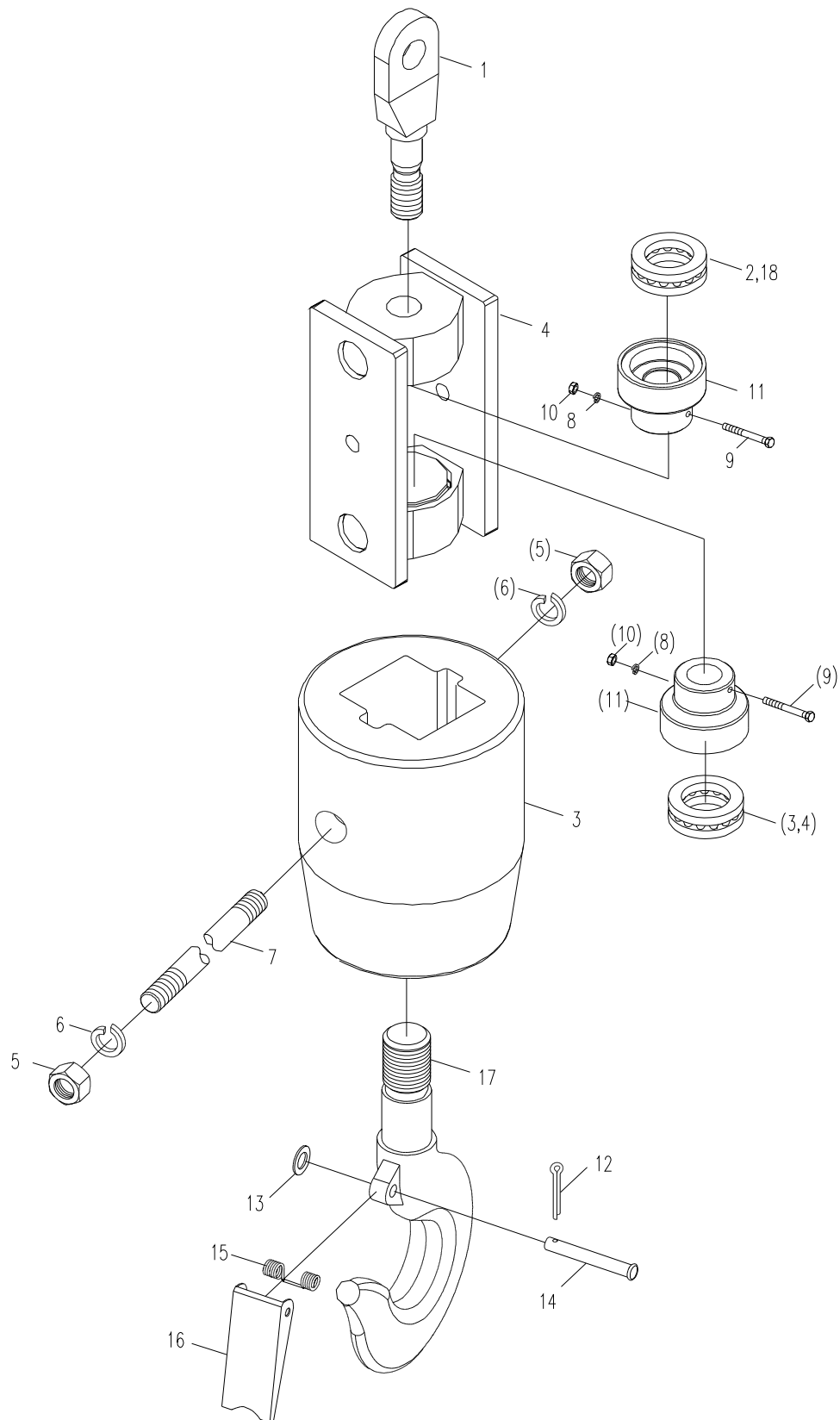
**30T LOAD HOOK
D00663304200600002Y**





30T LOAD HOOK D00663304200600002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663004200001070	Hook	1
2	00663004200001080	Safety catch	1
3	1040300041	Washer 12-200HV GB/T97.1-2002	1
4	00663004200001091	Pin	1
5	1040500068	Cotter pin 4×26 GB/T91-2000	1
6	00663004200001100	Torsional spring	1
7	00663004200001110	Sleeve ring	2
8	00663004200001120	Stop shim	2
9	1040000134	Bolt M16×25-8.8 GB/T5783-2000	4
10	00663004200001131	Retaining plate	2
11	00663004200001140	Cross beam	1
12	1050200043	Rolling bearing 8320 GB301-1984	1
13	00663104200201020	Hook nut	1
14	1040100139	Screw M12×45-33H GB72-1988	1
15	00663304200601011	Retaining rod	4
16	6340000029	Retaining spring (D30,32,35)	8
17	00663304200620000	Counterweight assy.	2
18	00663604200201050	Shaft end cover	2
19	1040300054	Washer 12 GB/T93-1987	10
20	1040100125	Screw M12×30-8.8 GB/T70.1-2000	8
21	00663304200601031	Pulley shaft	1
22	00663304200610001	Side plate assy.	2
23	00663304200601050	Rod	2
24	1040200197	Nut M30-8 GB/T6170-2000	4
25	1040300010	Washer 30 GB/T93-1987	4
26	1040300065	Washer 16 GB/T93-1987	8
27	1040200110	Nut M16-8 GB/T6170-2000	8
28	1040000297	Bolt M16×100-8.8 GB/T5782-2000	8
29	00663804200430000	Pulley assy.	1
30	00663304200601040	Spacing sleeve	2
31	204110014	Lithium base grease ZL-2	1
32	1080000001	Oil cup M10×1 GB1152-1979	1
Note: Pos. 31 and 32 are not shown in the drawing.			

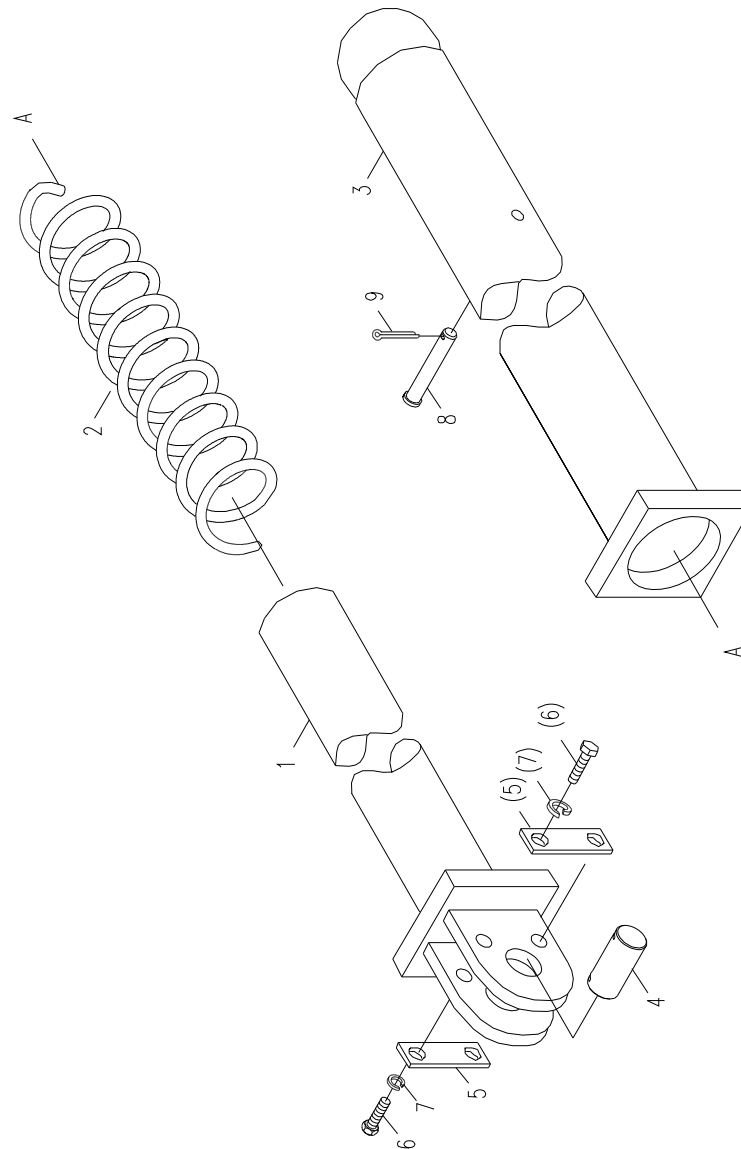
**LOAD HOOK (16t)
D00663804200800000Y**





LOAD HOOK (16t)			
D00663804200800000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663804200801010	Lifting ring bolt	1
2	1050200041	Rolling bearing	2
3	00663804200801020	Counterweight	1
4	00663804200810000	Hook	1
5	1040200197	Nut M30-8 GB/T6170-2000	2
6	1040300010	Washer 30 GB/T93-1987	2
7	00663804200801030	Threaded rod	1
8	1040300067	Washer 10 GB/T93-1987	2
9	1040000189	Bolt M10*120-8.8 GB/T5782-2000	2
10	1040200113	Nut M10-8 GB/T6170-2000	2
11	00663804200801040	Hook nut	2
12	1040500068	Cotter pin 4*26 GB/T91-2000	1
13	1040300041	Washer 12-200HV GB/T97.1-2002	1
14	1040500100	Pin spindle B12*90 GB/T882-1986	1
15	00663014200201070	Torsional spring	1
16	00663014200201060	Retaining plate	1
17	00663014200201050	Hook	1
18	204110014	Lithium base grease	1

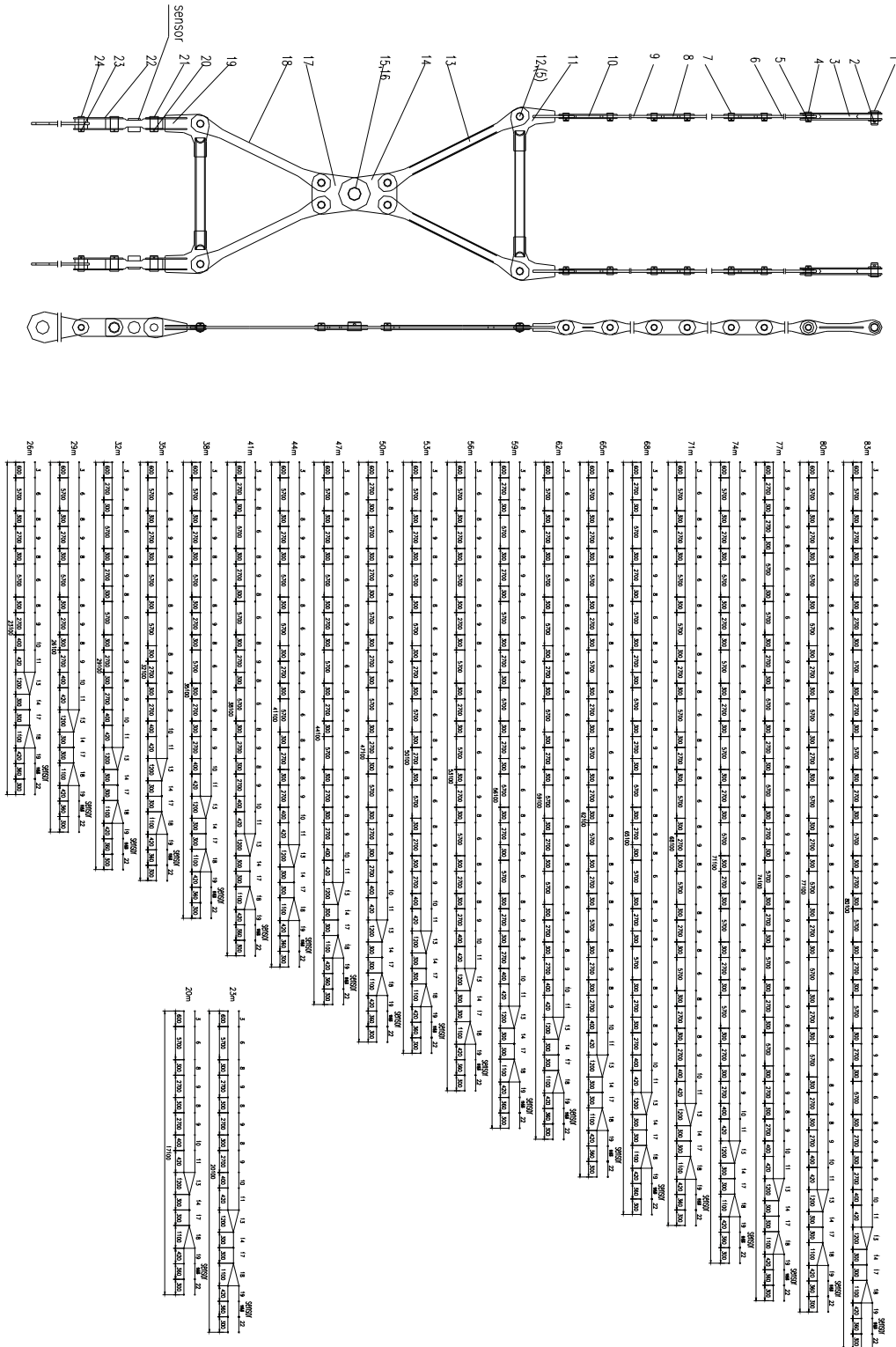
MAIN BOOM TILTING-BACK SUPPORT
D00663303100200000Y





MAIN BOOM TILTING-BACK SUPPORT D00663303100200000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663303100210000	Inner pipe	1
2	00663303100201010	Spring	1
3	00663303100220000	Outer pipe	1
4	00663303100201020	Pipe spindle	1
5	00663303100201030	Retaining plate	2
6	1040000269	Bolt M16*30-8.8 GB/T5783-2000	4
7	1040300065	Washer 16 GB/T93-1987	4
8	1040500184	Pipe spindle B20*160 GB/T882-1986	1
9	1040500077	Cotter pin 5*30 GB/T91-2000	1

MAIN BOOM ANCHORING RODS
D00663405400200001Y





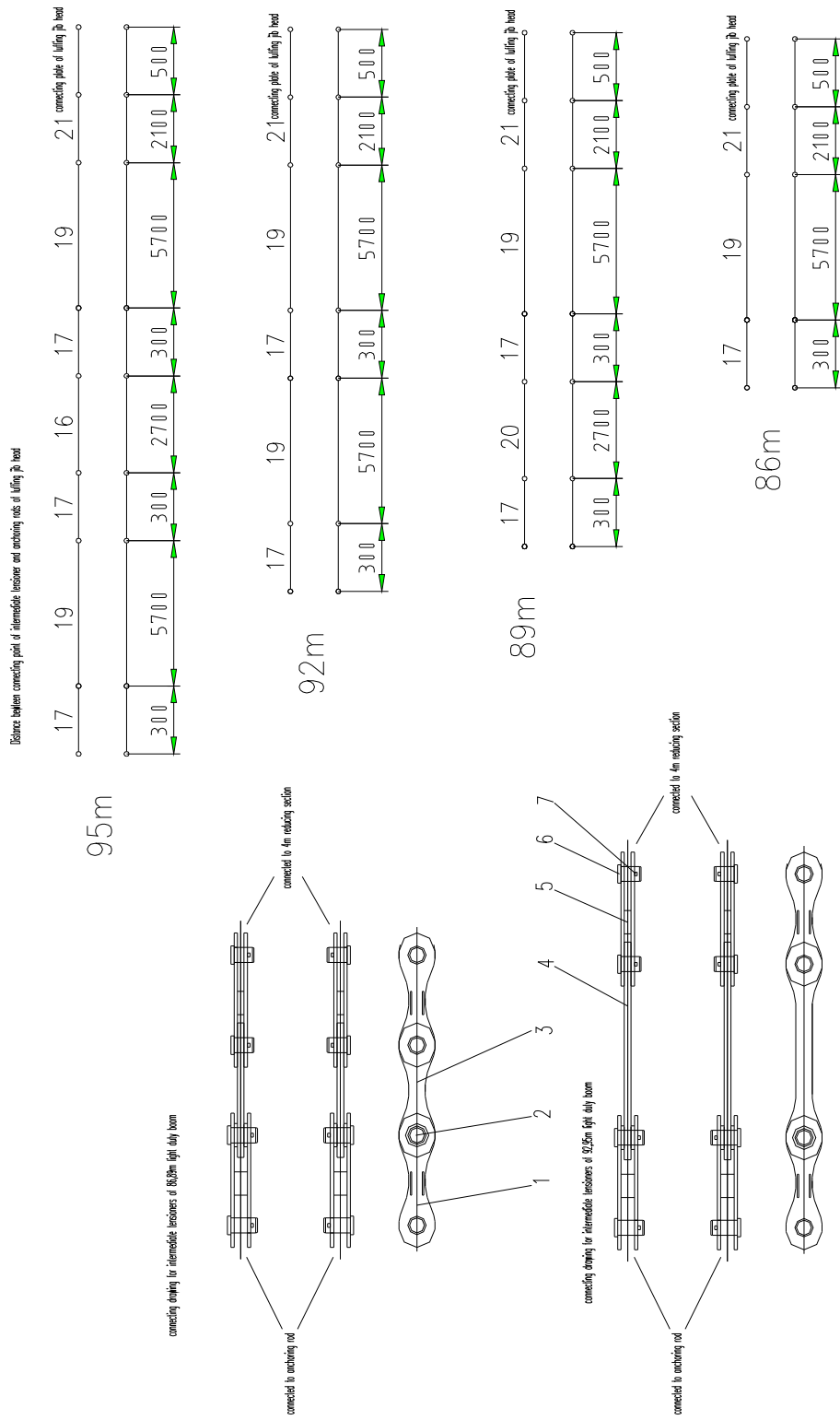
MAIN BOOM ANCHORING RODS D00663405400200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663405400201020	Shaft	2
2	1040500187	Cotter pin 10×95 GB/T91-2000	10
3	00663405400220001	Anchoring rod connected to main boom	2
4	00663305400201020	Pin spindle	2
5	00663300100001230	Retaining pin	70
6	00663305400201031	Single-anchoring rod	16
7	00663305400201040	Pin spindle	68
8	00663305400220002	Double-anchoring rod	32
9	00663305400201051	Single-anchoring rod	18
10	00663405400260001	Double-anchoring rod	2
11	00663405400210001	Coupling link	1
12	00663405400201030	Shaft	8
13	00663405400230001	Double-anchoring rod	2
14	00663405400201040	Plate	1
15	1040500188	Cotter pin 12×120 GB/T91-2000	2
16	00663405400201050	Shaft	1
17	00663405400240000	Double-anchoring rod	1
18	00663405400201060	Plate	2
19	00663405400250000	Coupling link	1
20	1040500179	Cotter pin 10×120 GB/T91-2000	4
21	00663305400201090	Pin spindle	4
22	00663305400270000	Connecting plate	4
23	1040500076	Cotter pin 8×60 GB/T91-2000	2
24	00663305400201080	Pin spindle	2

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LIGHT ANCHORING RODS D00663405401000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663305400201040	Pin spindle	8
2	00663300100001230	Retaining pin	8
3	00663305400220002	Double-anchoring rod	2
4	00663405401020000	Coupling link	1
5	00663405401001010	Anchoring rod	2
6	1040500187	Cotter pin 10×95 GB/T91-2000	4
7	00663405400860000	Coupling link	1
8	00663405400610001	Double-anchoring rod	2
9	00663405400601010	Pin spindle	4
10	00663405401001020	Anchoring rod	2

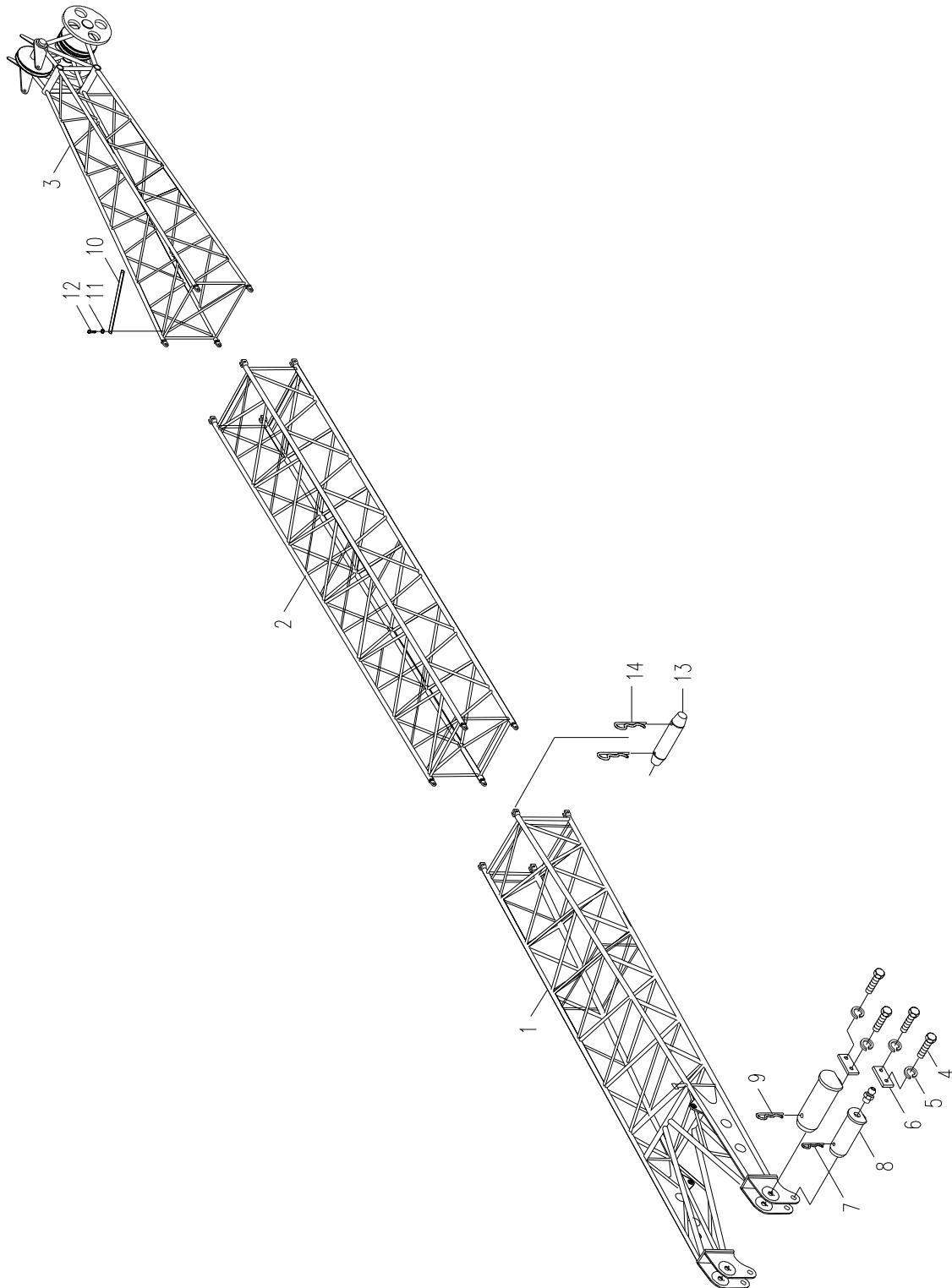
INTERMEDIATE TENSIONERS ON LIGHT DUTY BOOM D00663405401200001Y





INTERMEDIATE TENSIONERS ON LIGHT DUTY BOOM D00663405401200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663405401210001	Double-anchoring rod	2
2	00663405400601030	Pin spindle	4
3	00663405401201010	Plate	2
4	00663405401201020	Plate	2
5	00663405401220001	Double-anchoring rod	2
6	00663405400601010	Pin spindle	4
7	00663300100001230	Retaining pin	8

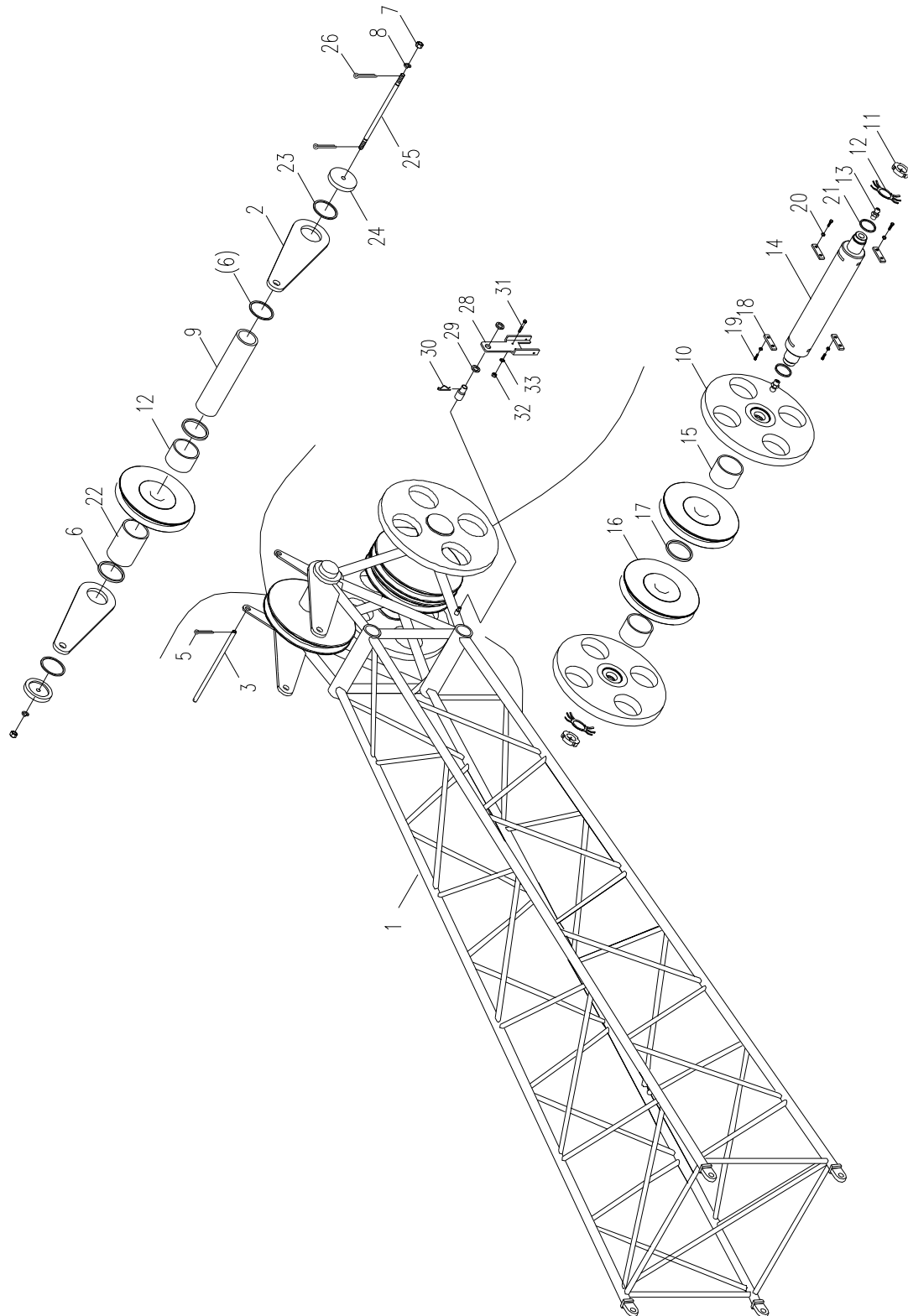
FIXED JIB
D00663300200000001Y





FIXED JIB D00663300200000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300200200000	Fixed jib pivot section	1
2	00663300200400001	6m fixed jib intermediate section	3
3	00663300200600002	Fixed jib head assy.	1
4	1040000177	Bolt M16*55-8.8 GB/T5783-2000	8
5	1040300065	Washer 16 GB/T93-1987	8
6	00663300200001070	Retaining plate	4
7	00663300200001020	Retaining spring	2
8	00663300200001010	Pin spindle	2
9	00663300200001040	Retaining spring	2
10	00663300200001080	Nylon plate	11
11	1040300094	Washer 8-140HV GB/T96.1-2002	22
12	1040000267	Bolt M8*20-8.8 GB/T5783-2000	22
13	00663300200001050	Pin spindle	16
14	00663300200001060	Retaining spring	32
15	00663300100001230	Retaining pin	16
16	1080000002	Oil cup M10*1 GB1152-1989	2
Note: Pos. 15 and 16 are not shown in the drawing and the Pos. 15 is used to secure the anchoring rods placed on fixed jib.			

FIXED JIB HEAD
D00663300200600002Y



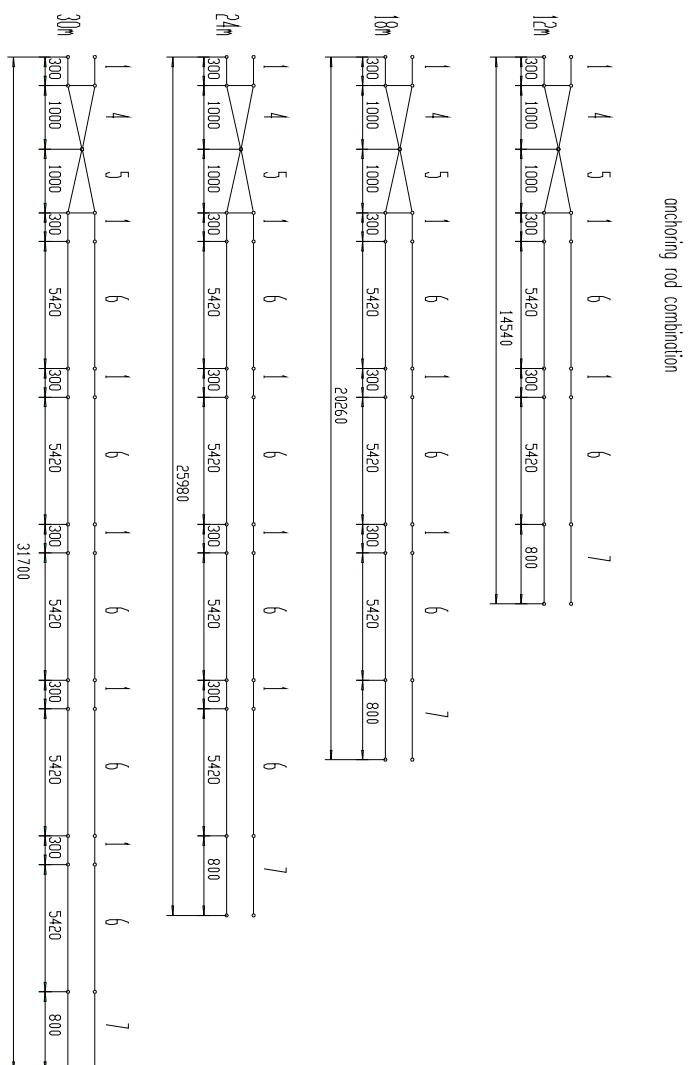


FIXED JIB HEAD D00663300200600002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300200610002	Fixed jib head	1
2	00663300200601031	Anchoring rod	2
3	00663300200601090	Rope guard tube	3
5	1040500040	Cotter pin 6.3*50 GB/T91-2000	6
6	00663300100001010	Spacing sleeve	2
7	1040200102	Nut M24-8 GB/T6170-2000	2
8	1040300049	Washer 24 GB/T93-1987	2
9	00663300200601070	Shaft	1
10	00663300200620001	Running wheel assembly	2
11	1040200185	Nut M60*2 GB/T812-1988	2
12	1040300087	Washer 60 GB/T858-1988	2
13	1080000002	Oil cup M10*1 GB1152-1989	2
14	00663306601001021	Shaft	1
15	00663306601001060	Spacing sleeve	3
16	00663302100200002	Pulley assy.	3
17	00663306601001070	Spacing sleeve	1
18	6340000056	Retaining plate 120	4
19	1040000065	Bolt M16*45-8.8 GB/T5783-2000	8
20	1040300065	Washer 16 GB/T93-1987	8
21	00663300200601020	Washer	2
22	00663306601001080	Spacing sleeve	1
23	00663600200601080	Spacing sleeve	2
24	00663306601001100	Top cap	2
25	00663300200601080	Threaded rod	1
26	1040500057	Cotter pin 5*50 GB/T91-2000	2
27	204110014	Lithium base grease ZL-2	1
28	00663400100410000	Mounting bracket	1
29	00663200102401010	Pad	2
30	6340000032	Retaining spring (D16,18,20)	1
31	1040000304	Bolt M4*40-8.8 GB/T5783-2000	2
32	1040200100	Nut M4-8 GB/T6170-2000	2
33	1040300044	Washer 4 GB/T93-1987	2

connected to FA-frame

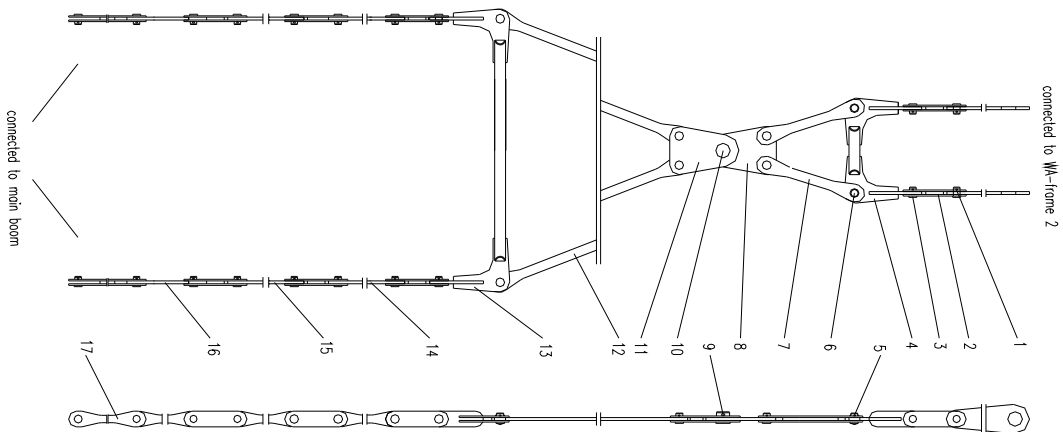
connected to fixed jib head

1 2 3 4 5 6 7 8 9





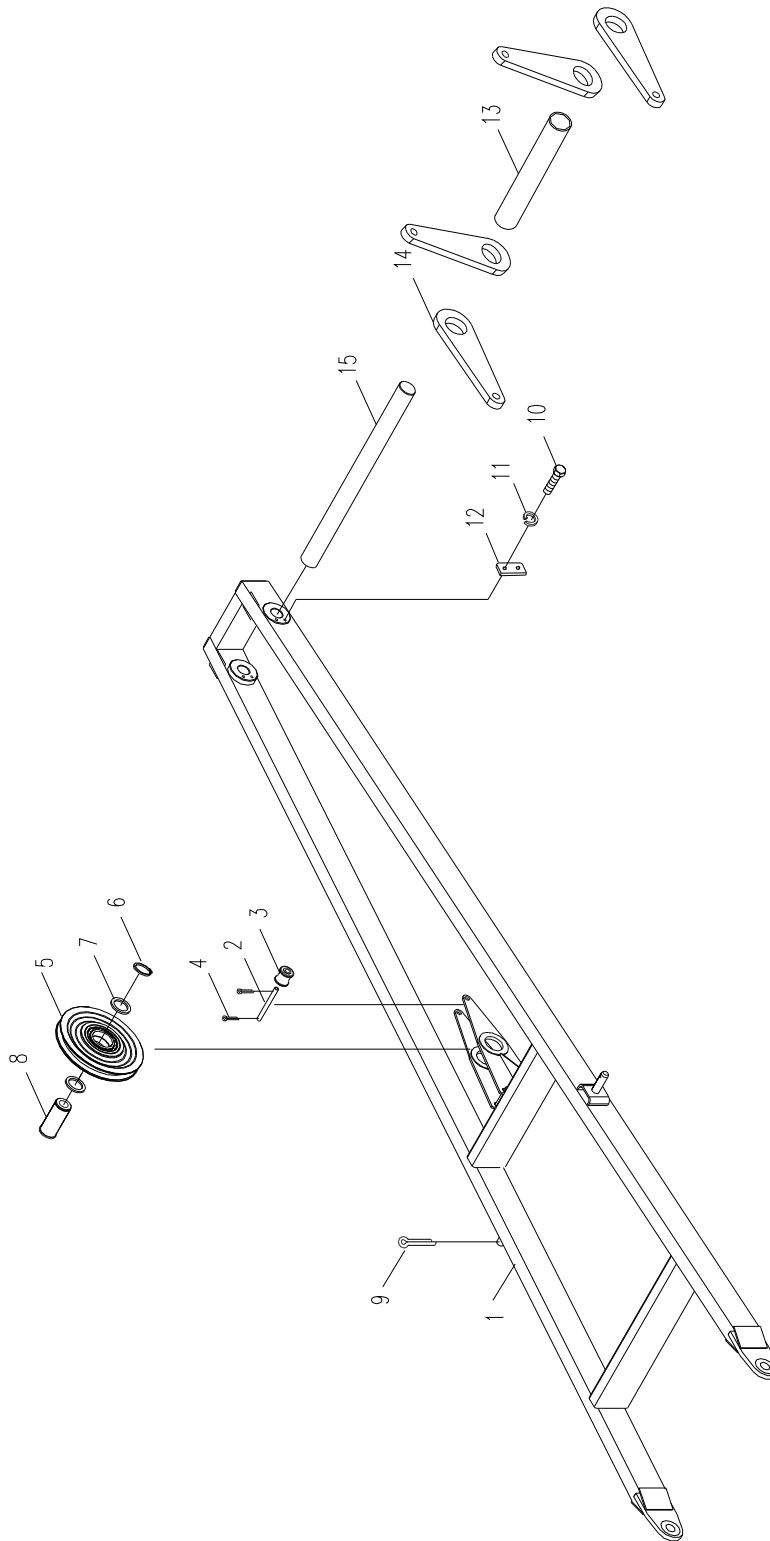
FIXED JIB FRONT ANCHORING RODS D00663305400600000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663305400410003	Double-anchoring rod	12
2	00663305400401010	Pin spindle	28
3	00663300100001230	Retaining pin	28
4	00663305400420000	Reducing double-anchoring rod	1
5	00663305401010001	Reducing single-anchoring rod	1
6	00663305400401031	Single-anchoring rod	10
7	00663305400620001	Double-anchoring rod	2
8	1040500186	Cotter pin 10×90 GB/T91-2000	1
9	00663305400401060	Pin spindle	1





FIXED JIB REAR ANCHORING RODS D00663405400400001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663405400401010	Sleeve	2
2	1040500097	Cotter pin 4×30 GB/T91-2000	2
3	1040200097	Nut M20-8 GB/T6170-2000	2
4	1040000323	Bolt M20×200-8.8 GB/T31.1-1988	2
5	00663405400410000	Anchoring rod	4
6	00663405400401020	Single-anchoring rod	2
7	00663305400410003	Double-anchoring rod	8
8	00663305400401010	Pin spindle	22
9	00663300100001230	Retaining pin	22
10	00663305400801021	Single-anchoring rod	4
11	00663305400440000	Coupling link	1
12	00663305400430001	Double-anchoring rod	2
13	00663305400401020	Connecting plate	1
14	00663305400401060	Pin spindle	1
15	1040500186	Cotter pin 10×90 GB/T91-2000	1
16	00663305400420000	Double reducing piece	1
17	00663305400401041	Single-anchoring rod	2
18	00663405400401030	Single-anchoring rod	2

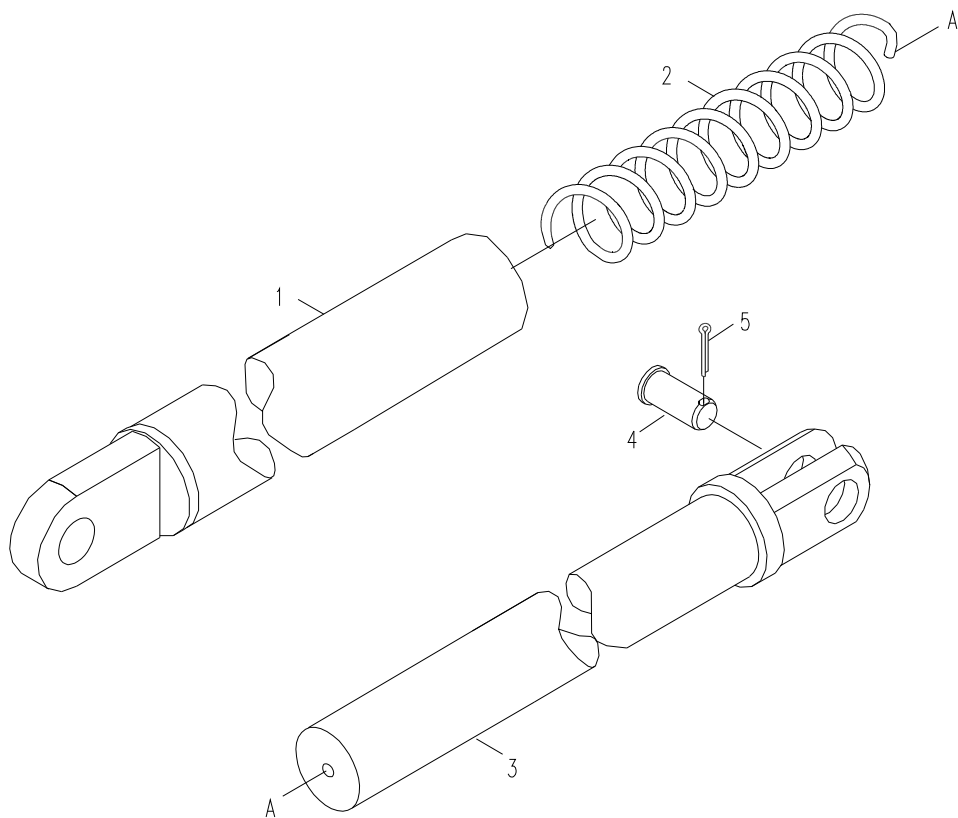
FA-FRAME
D00663307800000002Y





FA-FRAME D00663307800000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663307800200002	FA-frame	1
2	00663308000001030	Pipe	1
3	00663606600001140	Guide roller	1
4	1040500057	Cotter pin 5*50 GB/T91-2000	1
5	00663302100200002	Pulley assy.	1
6	1040300107	Retainer ring 120 GB/T894.1-1986	1
7	00663306601001070	Spacing sleeve	2
8	00663308000001040	Shaft	1
9	1040500076	Cotter pin 8*60 GB/T91-2000	2
10	1040000069	Bolt M12*25-8.8 GB/T5783-2000	4
11	1040300054	Washer 12 GB/T93-1987	4
12	00663307800001040	Retaining plate	2
13	00663307800001020	Spacing sleeve	1
14	00663307800001030	Anchoring rod	4
15	00663307800001010	Shaft	1

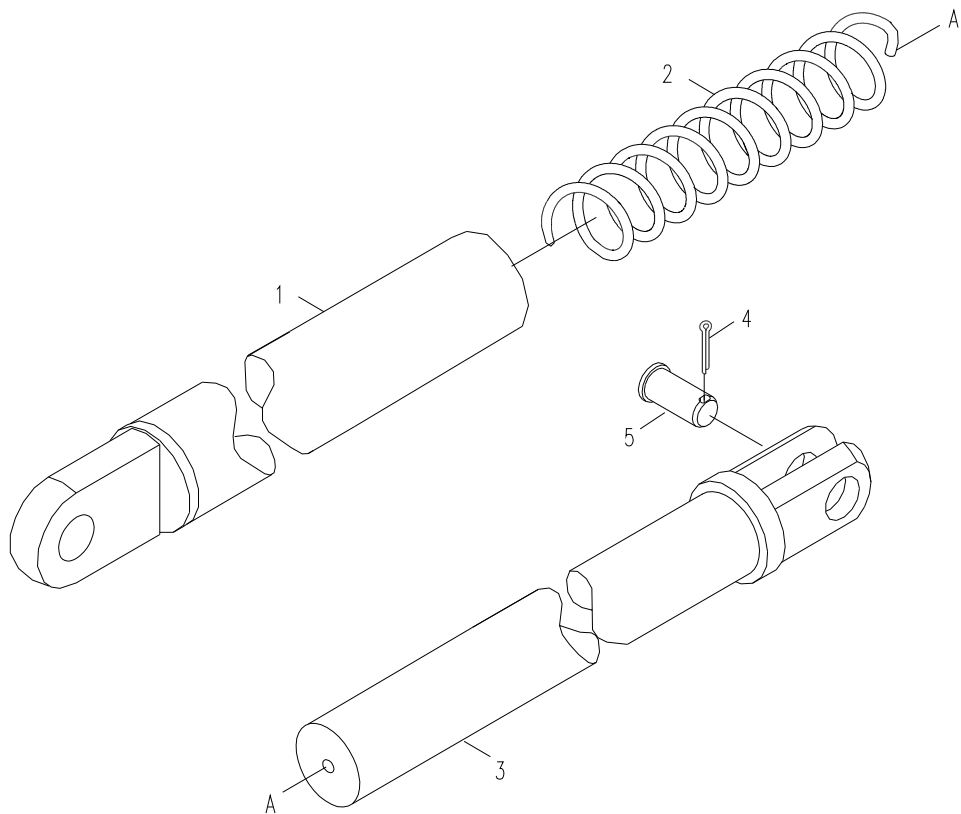
FRONT TILTING-BACK SUPPORT OF FIXED JIB
D00663303100600000Y





FRONT TILTING-BACK SUPPORT OF FIXED JIB D00663303100600000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663303100610000	Outer pipe	1
2	00663303100601010	Spring	1
3	00663303100620000	Inner pipe	1
4	006633080000001020	Pin spindle	1
5	10405000076	Cotter pin 8*60 GB/T91-2000	1

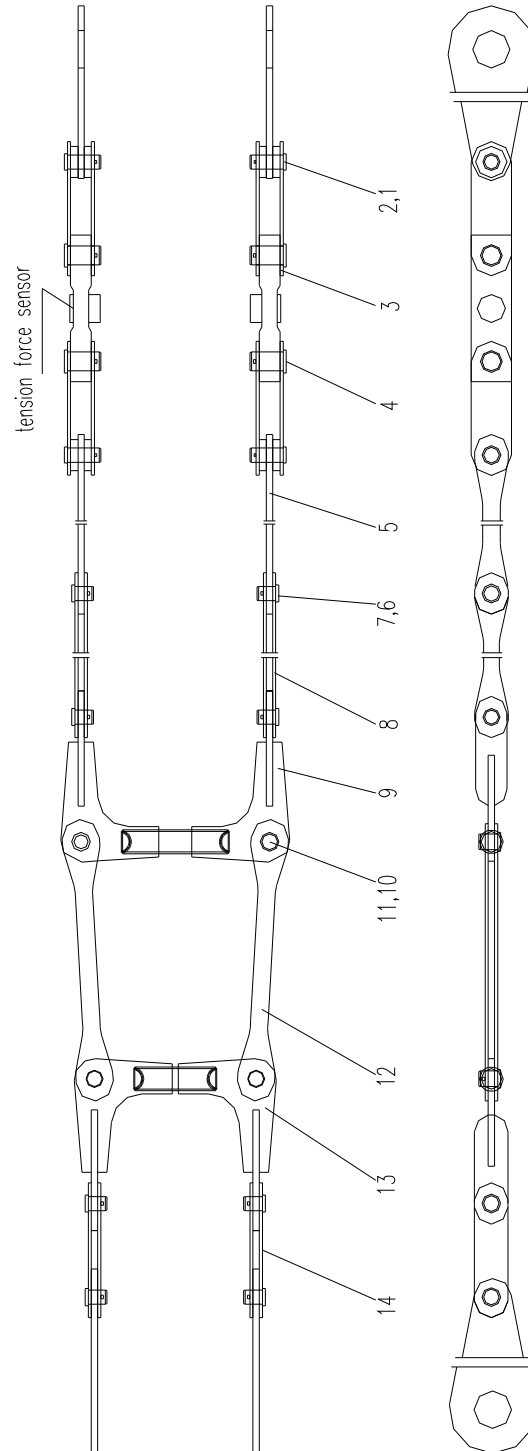
REAR TILTING-BACK SUPPORT OF FIXED JIB
D00663303100400000Y





REAR TILTING-BACK SUPPORT OF FIXED JIB D00663303100400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663303100410000	Outer pipe	1
2	00663303100401010	Spring	1
3	00663303100420000	Inner pipe	1
4	1040500076	Cotter pin 8×60 GB/T91-2000	2
5	006633080000001020	Pin spindle	1

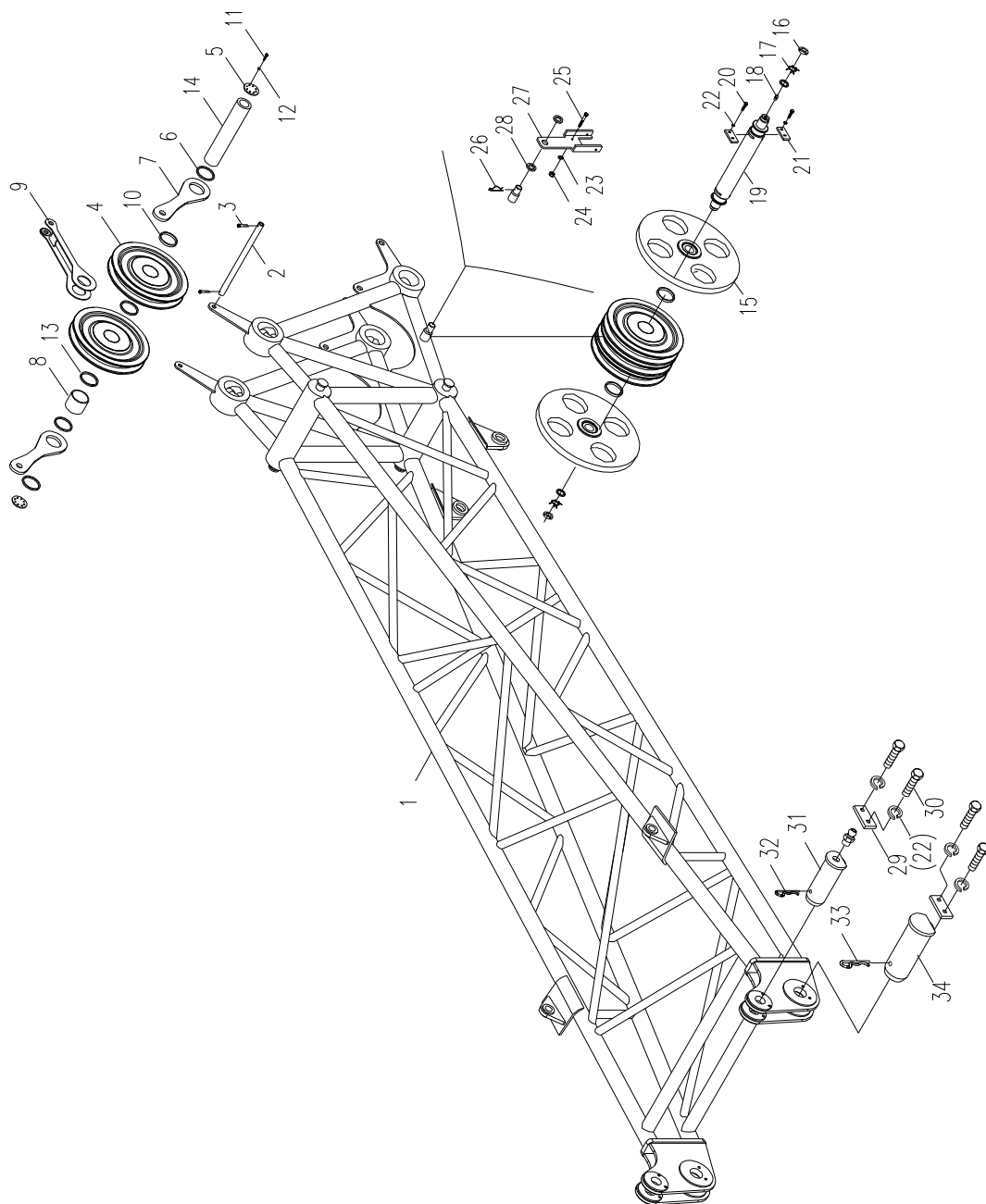
**FIXED JIB FRONT ANCHORING RODS (CRANE USED TO LIFT TUNNEL BORING MACHINE)
D00663405411000000Y**





FIXED JIB FRONT ANCHORING RODS (CRANE USED TO LIFT TUNNEL BORING MACHINE)			
D00663405411000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663405411000050	Front anchoring rods assembly	1
2	00000001040500076	Cotter pin 8×60 GB/T91-2000	8
3	00663405400801031	Shaft	4
4	00663405400801020	Pin spindle	4
5	00663405400601090	Anchoring rod	2
6	00663300100001230	Retaining pin	8
7	00663405400601010	Pin spindle	8
8	00000001040500186	Cotter pin 10×90 GB/T91-2000	4
9	00663305400201041	Pin spindle	4
10	00663405400610001	Double-anchoring rod	2

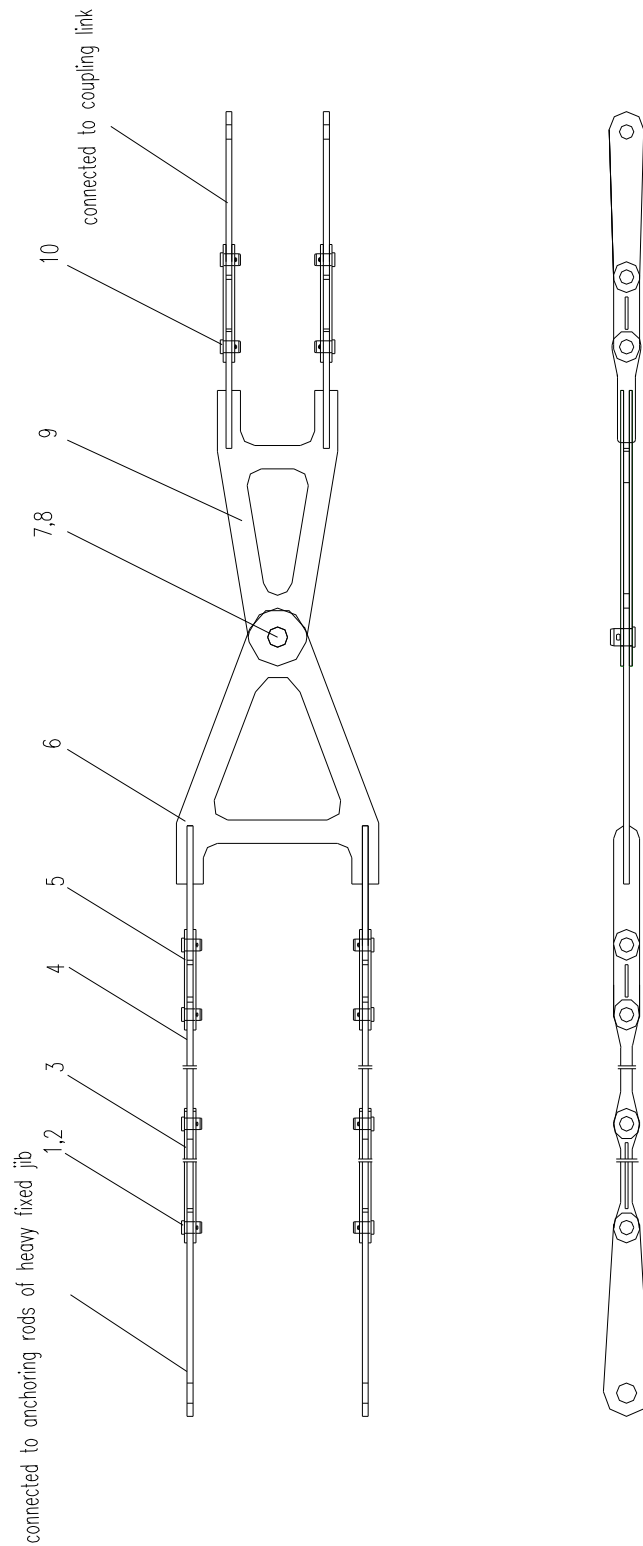
**HEAVY FIXED JIB ASSY.
D00663400300000000Y**





HEAVY FIXED JIB ASSY. D00663400300000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663400300200000	Heavy fixed jib	1
2	00663306601001110	Pipe	3
3	1040500057	Cotter pin 5*50 GB/T91-2000	6
4	00663302100200002	Pulley assy.	5
5	00663306601001130	Plate	2
6	00663300100001010	Spacing sleeve	4
7	00663407900001110	Anchoring rod	2
8	00663406600401120	Spacing sleeve	1
9	00663406600430000	Ring	1
10	00663406600401110	Spacing sleeve	5
11	1040000090	Bolt M10*30-8.8 GB/T5783-2000	16
12	1040300067	Washer 10 GB/T93-1987	16
13	00663306601001070	Spacing sleeve	3
14	00663306601001120	Shaft	1
15	00663300200620001	Running wheel assembly	2
16	1040200185	Nut M60*2 GB/T812-1988	2
17	1040300087	Washer 60 GB/T858-1988	2
18	1080000002	Oil cup M10*1 GB1152-1989	2
19	00663406600401130	Shaft	1
20	1040000065	Bolt M16*45-8.8 GB/T5783-2000	8
21	6340000056	Retaining plate 120	4
22	1040300065	Washer 16 GB/T93-1987	16
23	1040300044	Washer 4 GB/T93-1987	2
24	1040200100	Nut M4-8 GB/T6170-2000	2
25	1040000304	Bolt M4*40-8.8 GB/T5783-2000	2
26	6340000032	Retaining spring (D16,18,20)	1
27	00663400100410000	Mounting bracket	1
28	00663200102401010	Pad	2
29	00663300200001070	Retaining plate	4
30	1040000177	Bolt M16*55-8.8 GB/T5783-2000	8
31	00663300200001010	Pin spindle	2
32	00663300200001020	Retaining spring	2
33	00663300200001040	Retaining spring	2
34	00663300200001030	Pin spindle	2
35	204110014	Lithium base grease ZL-2	1

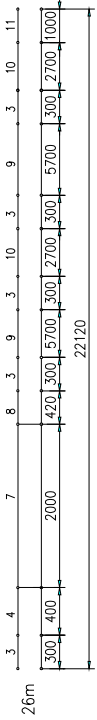
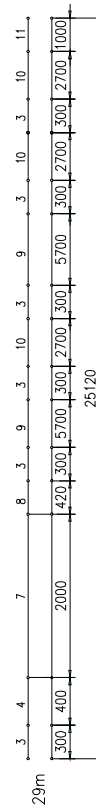
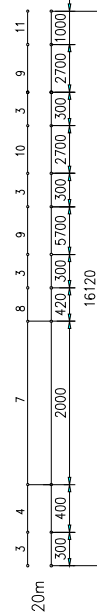
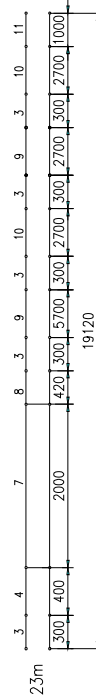
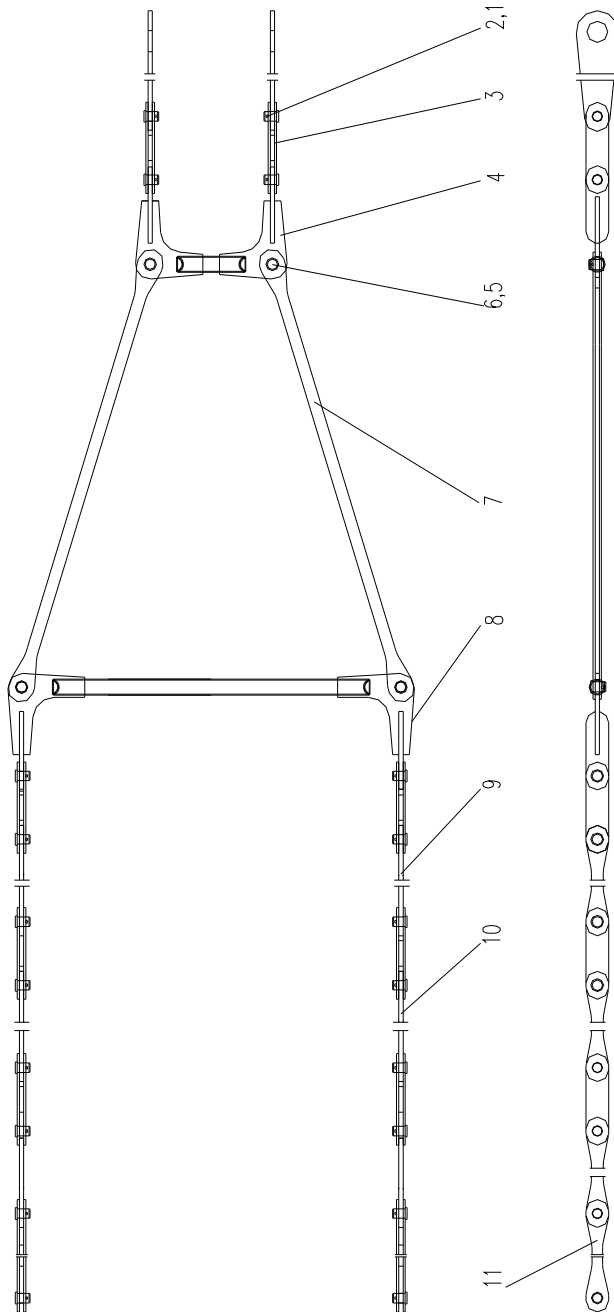
**FRONT ANCHORING RODS OF HEAVY FIXED JIB
D00663405401400000Y**





FRONT ANCHORING RODS OF HEAVY FIXED JIB D00663405401400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663405400601010	Pin spindle	2
2	00663300100001230	Retaining pin	12
3	00663405401410001	Double-anchoring rod	2
4	00663305400401031	Single-anchoring rod	2
5	00663305400410003	Double-anchoring rod	4
6	00663305401010001	Single-reducing piece	1
7	00663305400401060	Pin spindle	1
8	1040500186	Cotter pin 10×90 GB/T91-2000	1
9	00663305400420000	Double-reducing piece	1
10	00663305400401010	Pin spindle	10

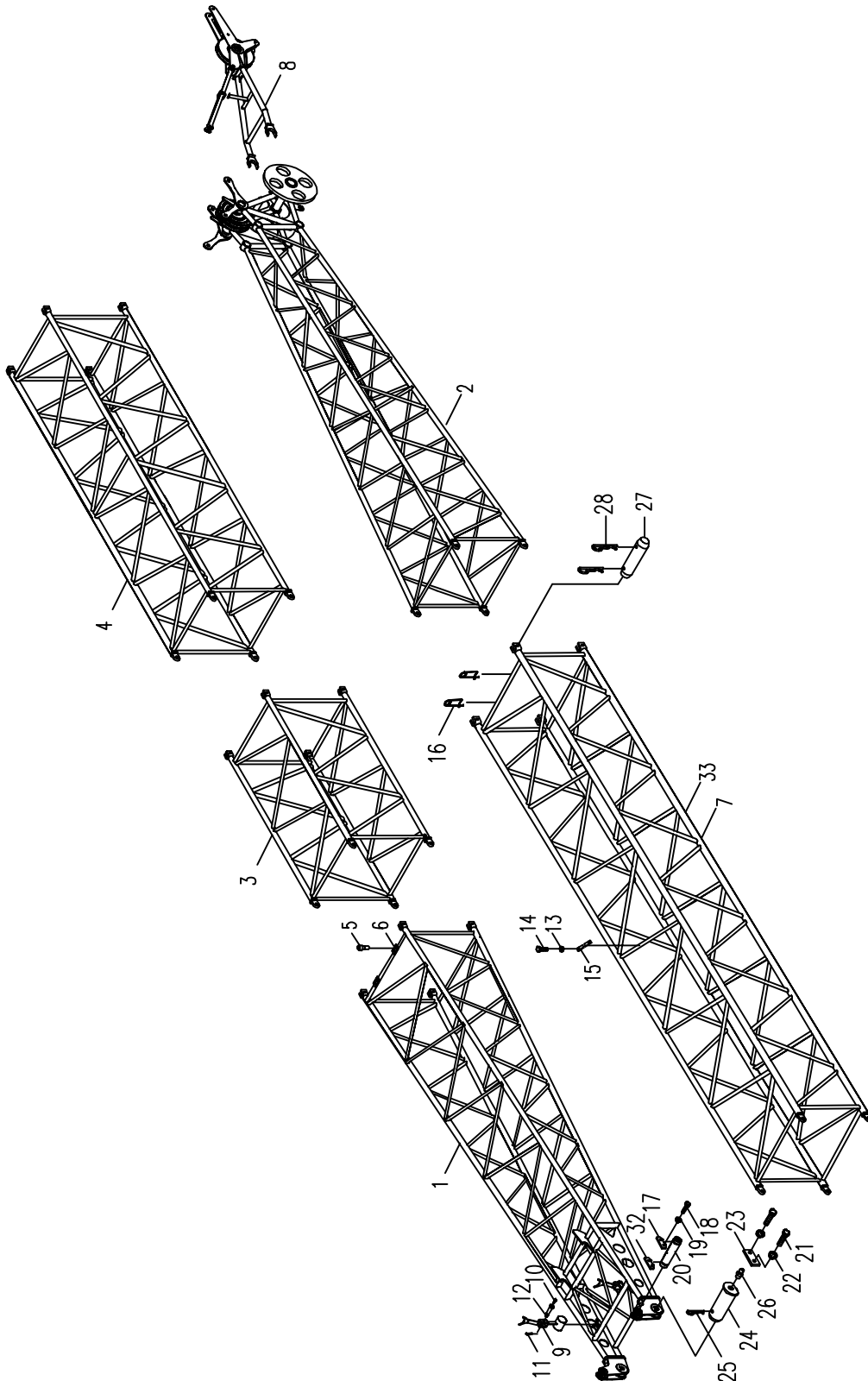
FIXED JIB REAR ANCHORING RODS (CRANE USED TO LIFT TUNNEL BORING MACHINE)
D00663405411200000Y



**FIXED JIB REAR ANCHORING RODS (CRANE USED TO LIFT TUNNEL BORING MACHINE)****D00663405411200000Y**

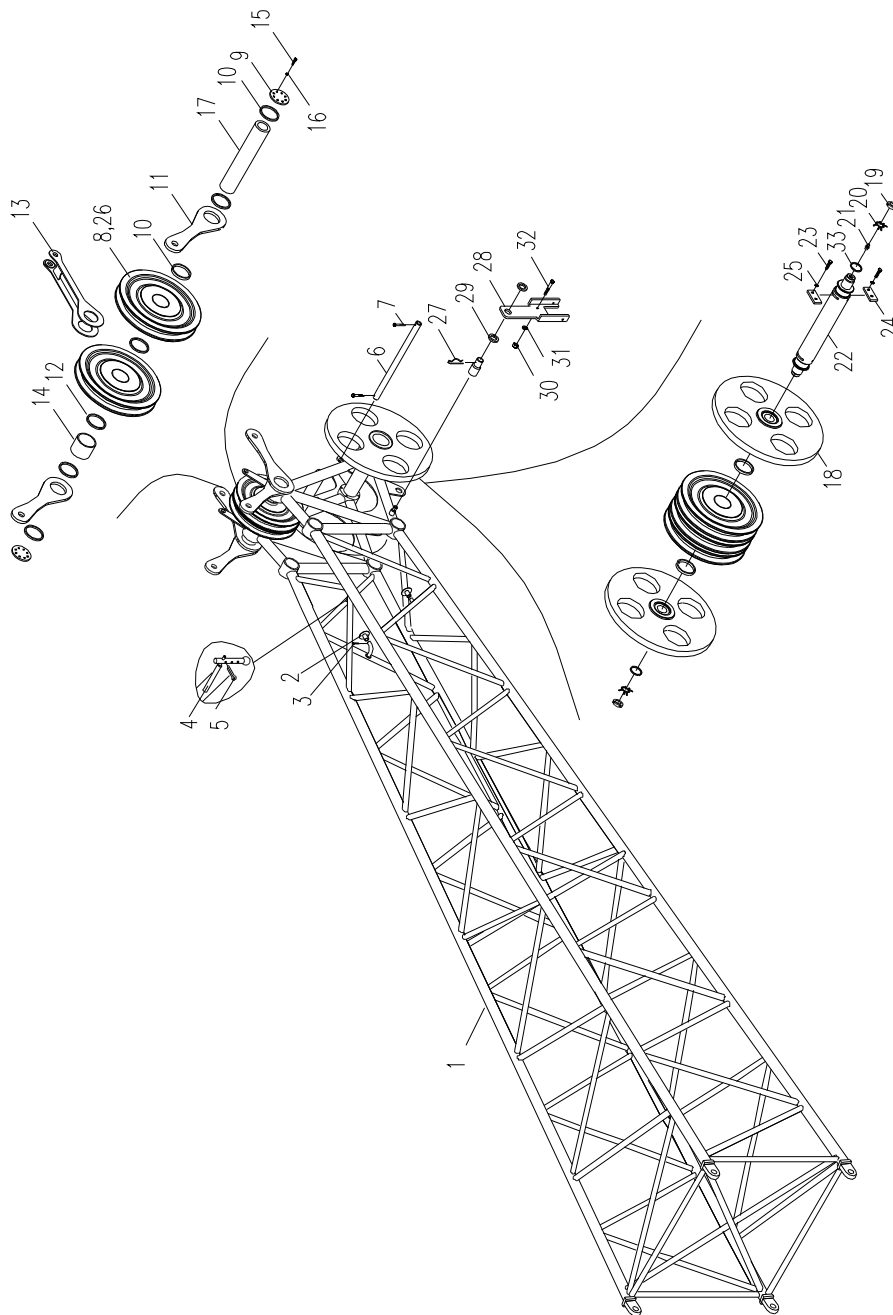
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663405411200030	Front anchoring rods assembly	1
2	00663300100001230	Retaining pin	28
3	00663405400601010	Pin spindle	28
4	00663405400610001	Double-anchoring rod	12
5	00663305400201041	Pin spindle	4
6	1040500186	Cotter pin 10×90 GB/T91-2000	4
7	00663405400601080	Anchoring rod	4
8	00663405400601090	Anchoring rod	6
9	00663405400640001	Double-anchoring rod	2

LUFFING JIB D00663406620000000 Y



LUFFING JIB D0066340662000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663406620200000	Luffing jib pivot section	1
2	00663406600400001	Luffing jib head assy.	1
3	00663406620400000	3m luffing jib intermediate section	1
4	00663406620600000	6m luffing jib intermediate section (7mm)	2
5	1040100109	Screw M10×25-4.8 GB/T819.1-2000	4
6	00663306600001050	Pad	2
7	00663406601000000	9m luffing jib intermediate section	2
8	00663406601200001	Tip boom assy.	1
9	00663306601800000	Pendulum	2
10	1040100182	Screw M12 GB825-1988	2
11	006340000029	Retaining spring (D30,32,35)	2
12	00663306600001060	Pin spindle	2
13	1040300094	Washer 8-140HV GB/T96.1-2002	28
14	1040000267	Bolt M8×20-8.8 GB/T5783-2000	28
15	00663300200001080	Nylon plate	14
16	00663300100001230	Retaining pin	44
17	00663306600001071	Retaining plate	2
18	1040000094	Bolt M12×35-8.8 GB/T5783-2000	16
19	1040300054	Washer 12 GB/T93-1987	16
20	00663406600001031	Shaft	2
21	1040000177	Bolt M16×55-8.8 GB/T5783-2000	4
22	1040300065	Washer 16 GB/T93-1987	4
23	00663300200001071	Retaining plate	2
24	00663406600001051	Shaft	2
25	00663300200001040	Retaining spring	2
26	1080000002	Oil cup M10×1 GB1152-1989	4
27	00663406600001011	Pin spindle	28
28	006340000001	Retaining spring (D40,45)	32
29	00663406601400000	3m luffing jib intermediate section attachments welded	1
30	00663406601600000	6m luffing jib intermediate section attachments welded	2
31	00663406601800000	9m luffing jib intermediate section attachments welded	3
32	00663106600001020	Retaining plate	2
33	00663406620800000	9m luffing jib intermediate section (7mm)	1
Note: Pos. 29 to 31 are not shown in the drawing.			

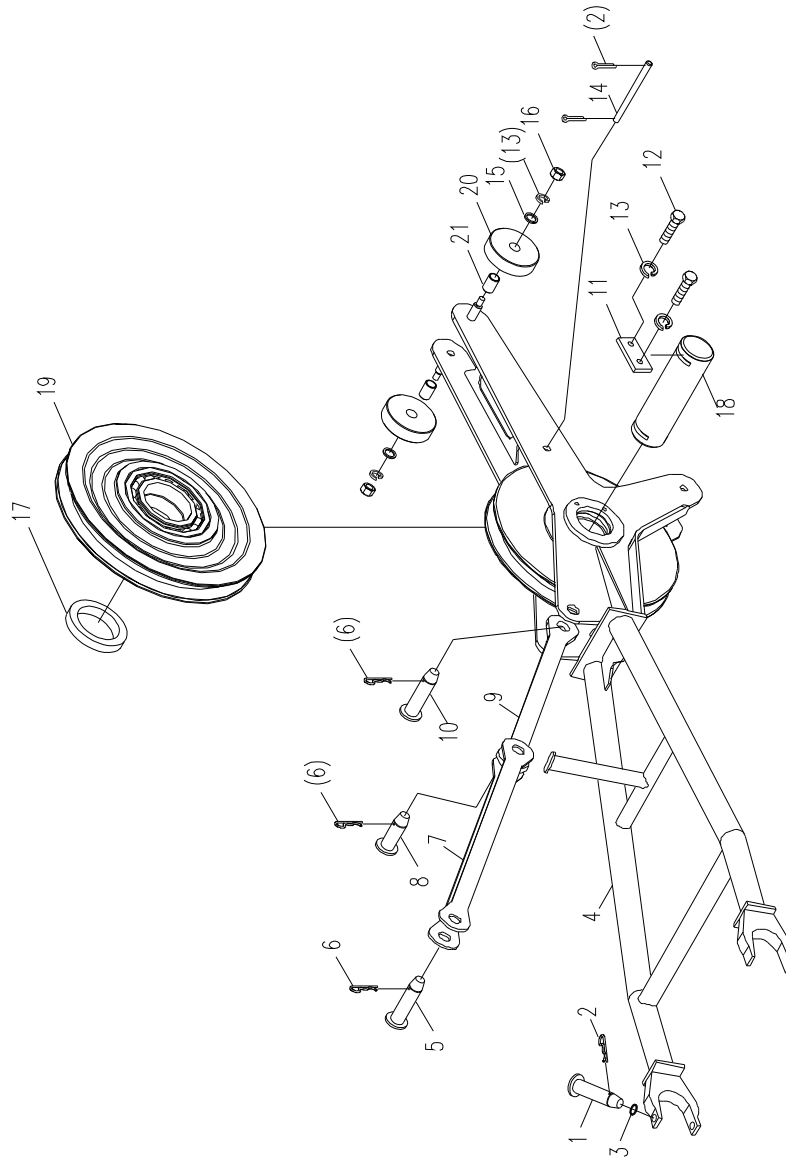
**LUFFING JIB HEAD ASSY.
D00663406600400001Y**





LUFFING JIB HEAD ASSY. D00663406600400001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663406600420000	Luffing jib head	1
2	00663606601610000	Supporting seat	2
3	1040500173	Cotter pin 6.3×80 GB/T91-2000	2
4	00663100100420000	Supporting seat	1
5	1040500126	Cotter pin 5×26 GB/T91-2000	1
6	00663306601001110	Pipe	3
7	1040500057	Cotter pin 5×50 GB/T91-2000	6
8	00663302100200002	Pulley assy.	5
9	00663306601001130	Plate	2
10	00663300100001010	Spacing sleeve	4
11	00663407900001110	Anchoring rod	2
12	00663406600401110	Spacing sleeve	5
13	00663406600430000	Ring	1
14	00663406600401120	Spacing sleeve	1
15	1040000090	Bolt M10×30-8.8 GB/T5783-2000	16
16		Washer 10 GB/T93-1987	16
17	00663306601001120	Shaft	1
18	00663300200620001	Running wheel assembly	2
19	1040200185	Nut M60×2 GB/T812-1988	2
20	1040300087	Washer 60 GB/T858-1988	2
21	1080000002	Oil cup M10×1 GB1152-1989	2
22	00663406600401130	Shaft	1
23	1040000065	Bolt M16×45-8.8 GB/T5783-2000	8
24	6340000056	Retaining plate 120	4
25	1040300065	Washer 16 GB/T93-1987	8
26	00663306601001070	Spacing sleeve	3
27	6340000032	Retaining spring (D16,18,20)	1
28	00663400100410000	Mounting bracket	1
29	00663200102401010	Pad	2
30	1040200100	Nut M4-8 GB/T6170-2000	2
31	1040300044	Washer 4 GB/T93-1987	2
32	1040000304	Bolt M4×40-8.8 GB/T5783-2000	2
33	00663300200601020	Washer	2

**TIP BOOM ASSY.
D00663406601200001Y**



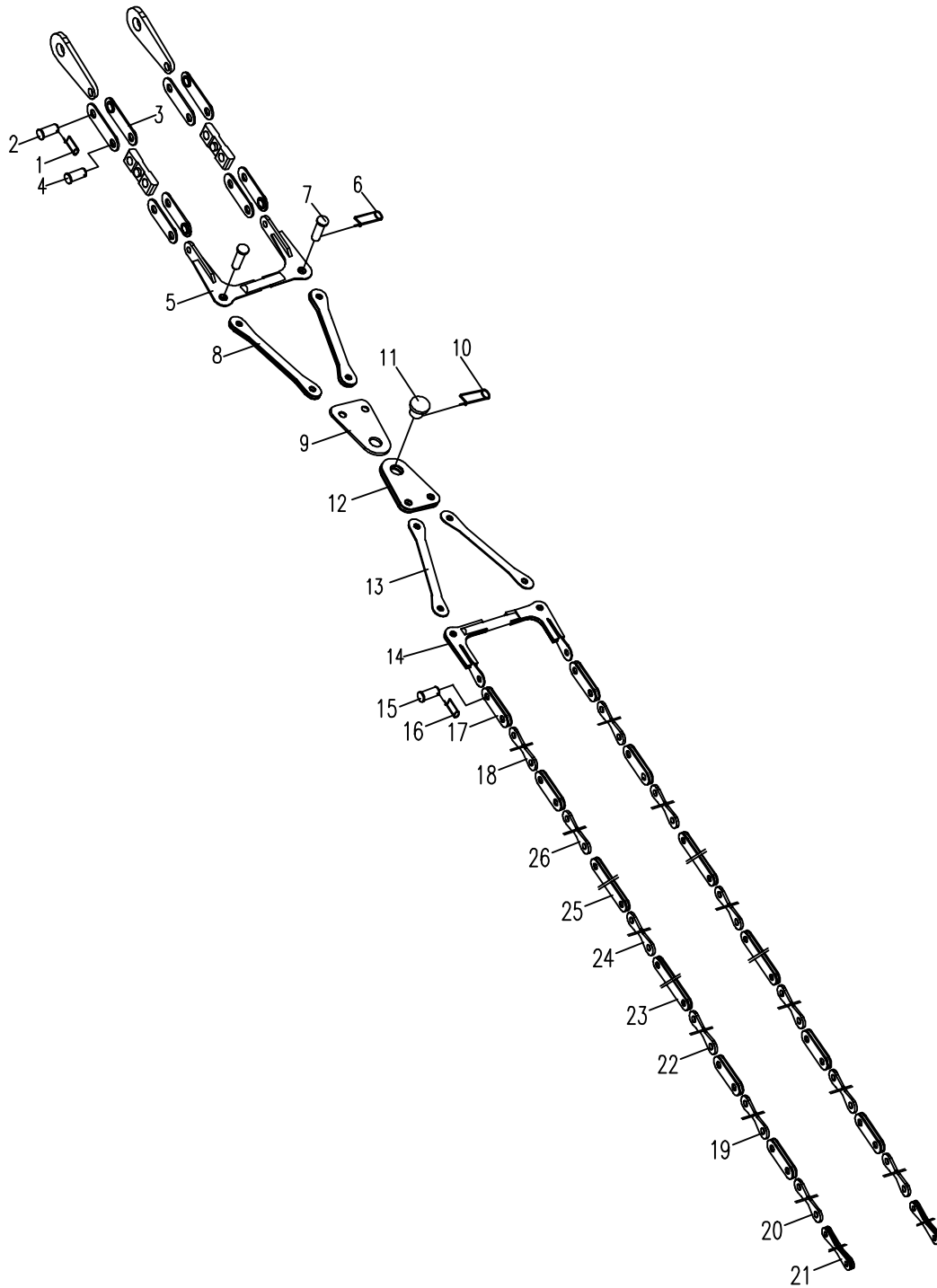


TIP BOOM ASSY. D00663406601200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040500184	Pin spindle B20×160 GB/T882-1986	2
2	6340000032	Retaining spring (D16,18,20)	4
3	1040300106	Washer 20-200HV GB/T97.1-2002	2
4	00663406601210001	Connecting support	1
5	00663406601201020	Pin spindle	1
6	6340000001	Retaining spring (D40,45)	3
7	00663406601230000	Double-anchoring rod	1
8	1040500201	Pin spindle B40×100 GB/T882-1986	1
9	00663406601240000	Single-anchoring rod	1
10	00663406601201030	Pin spindle	1
11	6340000056	Retaining plate 120	2
12	1040000065	Bolt M16×45-8.8 GB/T5783-2000	4
13	1040300065	Washer 16 GB/T93-1987	8
14	00663400100801010	Rope guard tube	1
15	1040300064	Washer 16-140HV GB/T96.1-2002	4
16	1040200110	Nut M16-8 GB/T6170-2000	4
17	00663200100801020	Spacing sleeve	2
18	00663400100801030	Shaft	1
19	00663302100200002	Pulley assy.	1
20	00663406601201040	Roller	4
21	00663406601201050	Pipe	4



CRAWLER CRANE

LUFFING JIB FRONT ANCHORING RODS D00663405401800000Y

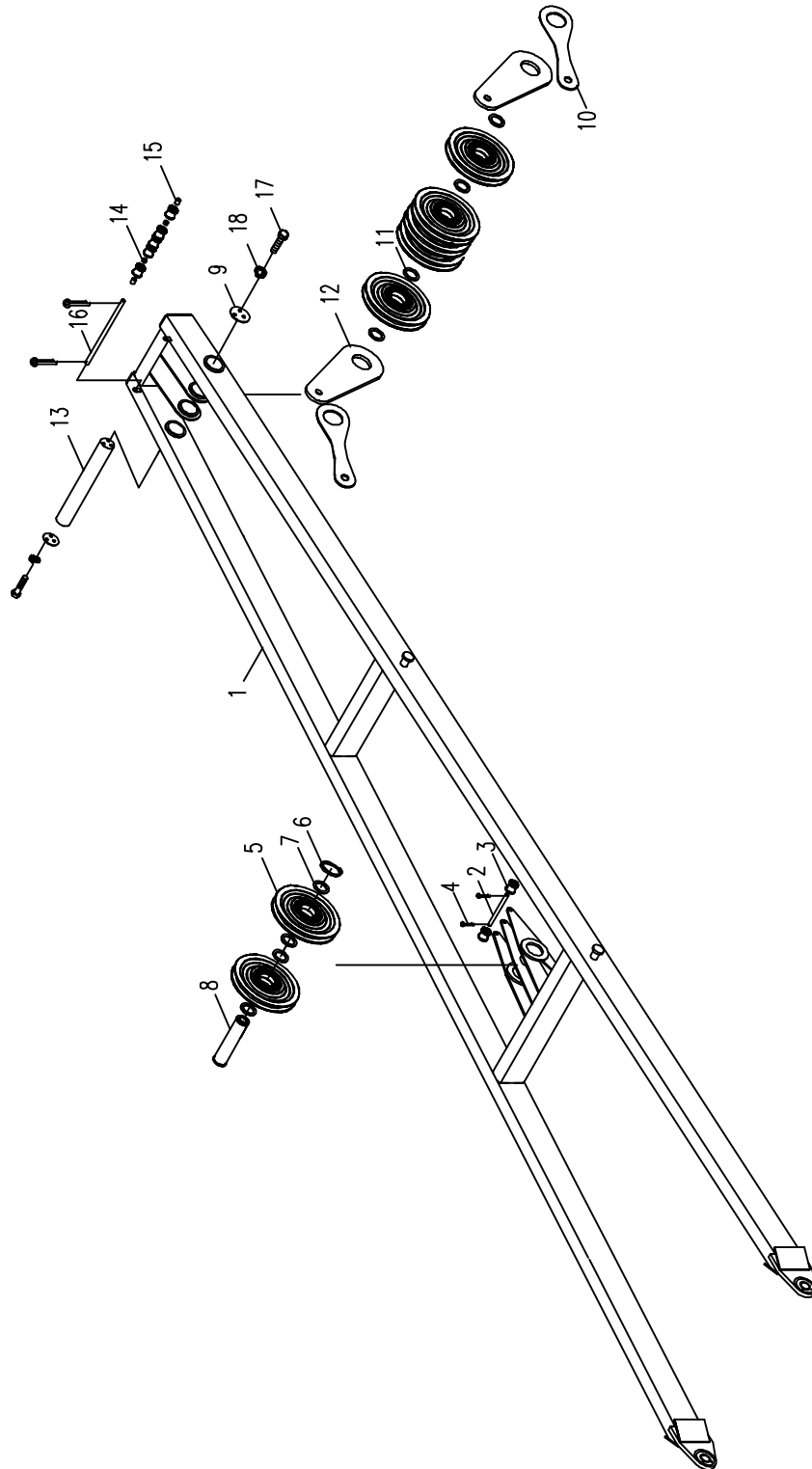


LUFFING JIB FRONT ANCHORING RODS D00663405401800000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040500076	Cotter pin 8×60 GB/T91-2000	8
2	00663405401801040	Pin spindle	4
3	00663405400850000	Anchoring rod	8
4	00663405400801020	Pin spindle	4
5	00663405400830000	Coupling link	1
6	1040500186	Cotter pin 10×90 GB/T91-2000	8
7	00663305400201041	Pin spindle	8
8	00663405400650001	Anchoring rod	2
9	00663305400201061	Connecting plate	1
10	1040500179	Cotter pin 10×120 GB/T91-2000	1
11	00663305400201101	Pin spindle	1
12	00663305400250001	Connecting plate	1
13	00663405400801040	Anchoring rod	2
14	00663405400860000	Coupling link	1
15	00663405400601010	Pin spindle	52
16	00663300100001230	Retaining pin	56
17	00663405400610001	Double-anchoring rod	24
18	00663405400801050	Anchoring rod	2
19	00663405400601080	Anchoring rod	12
20	00663405400601090	Anchoring rod	10
21	00663405400870001	Double-anchoring rod	2
22	00663405401801010	Anchoring rod	2
23	00663405401810000	Double-anchoring rod	2
24	00663405401801020	Anchoring rod	2
25	00663405401820000	Double-anchoring rod	2
26	00663405401801030	Anchoring rod	2

ZOOMLION

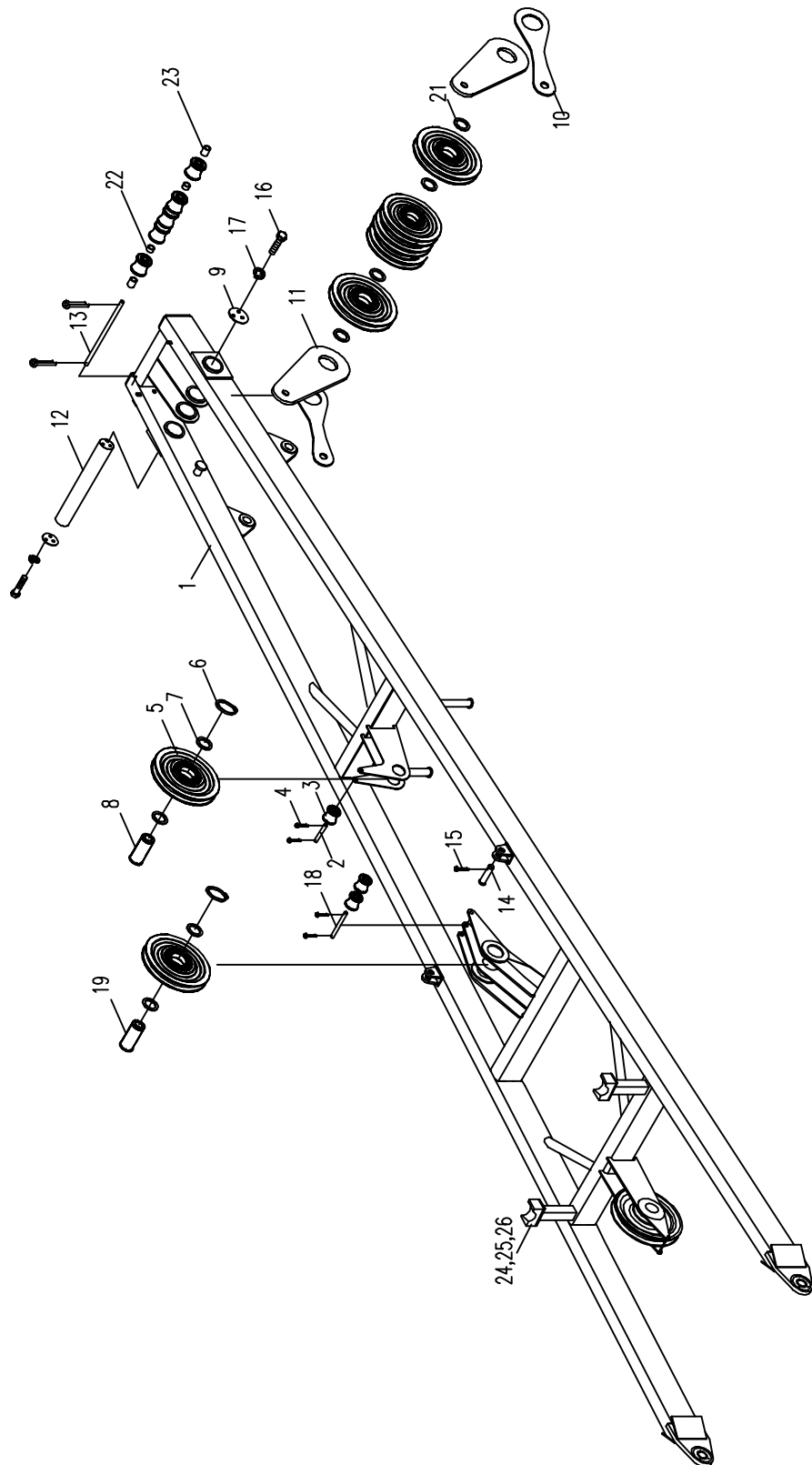
CRAWLER CRANE

WA-FRAME 1 D00663408020000000 Y

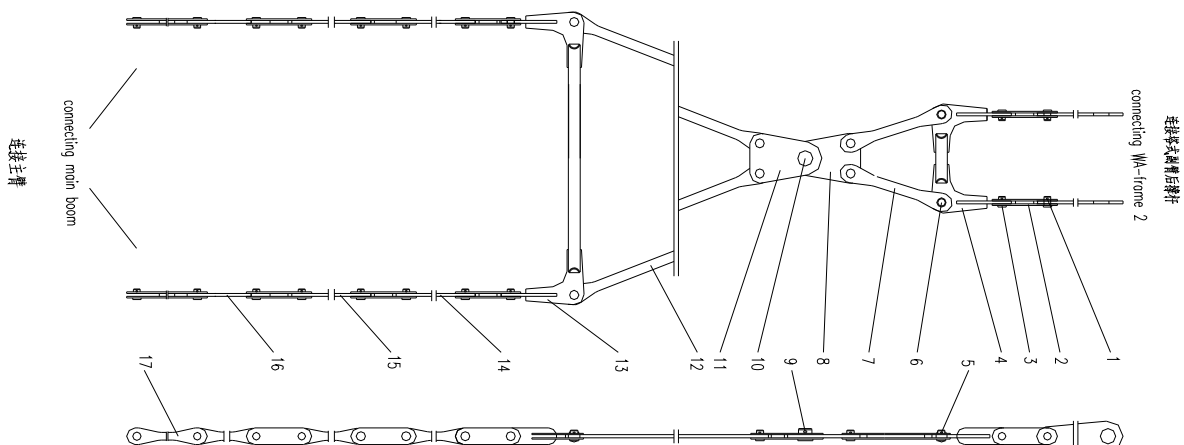


WA-FRAME 1 D0066340802000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663408020200000	WA-frame 1	1
2	00663407900001120	Pipe	1
3	00663606600001140	Guide roller	7
4	1040500057	Cotter pin 5×50 GB/T91-2000	4
5	00663302100200002	Pulley assy.	7
6	1040300107	Retainer ring 120 GB/T894.1-1986	1
7	00663306601001070	Spacing sleeve	4
8	00663407900001130	Shaft	1
9	00663308000001050	Plate	2
10	00663407900001110	Anchoring rod	2
11	00663407900001140	Spacing sleeve	12
12	00663308000001070	Partition plate	5
13	00663408000001120	Shaft	1
14	00663407900001150	Spacing sleeve	2
15	00663407900001160	Spacing sleeve	2
16	00663407900001100	Rod	1
17	1040000069	Bolt M12×25-8.8 GB/T5783-2000	6
18	1040300054	Washer 12 GB/T93-1987	6

WA-FRAME 2 D0066340792000000Y



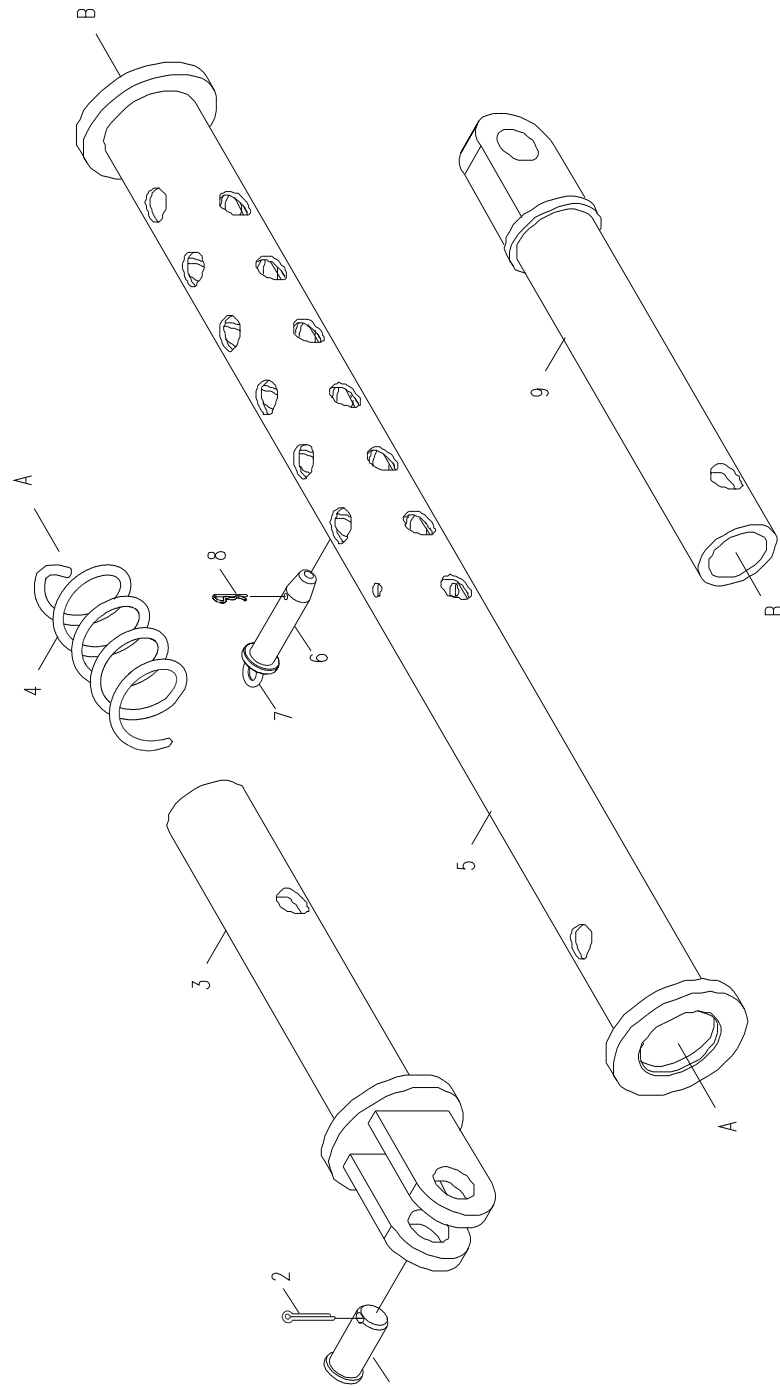
WA-FRAME 2 DD00663407920000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663407920200000	WA-frame 2	1
2	00663308000001030	Pipe	2
3	00663606600001140	Guide roller	9
4	1040500057	Cotter pin 5×50 GB/T91-2000	8
5	00663302100200002	Pulley assy.	9
6	1040300107	Retainer ring 120 GB/T894.1-1986	3
7	00663306601001070	Spacing sleeve	8
8	00663308000001040	Shaft	2
9	00663308000001050	Plate	2
10	00663407900001110	Anchoring rod	2
11	00663308000001070	Partition plate	5
12	00663408000001120	Shaft	1
13	00663407900001100	Rod	1
14	00663308000001020	Pin spindle	2
15	1040500076	Cotter pin 8×60 GB/T91-2000	2
16	1040000069	Bolt M12×25-8.8 GB/T5783-2000	6
17	1040300054	Washer 12 GB/T93-1987	6
18	00663407900001120	Pipe	1
19	00663407900001130	Shaft	1
20	00663307900001050	Shaft bush	2
21	00663407900001140	Spacing sleeve	12
22	00663407900001150	Spacing sleeve	2
23	00663407900001160	Spacing sleeve	2
24	1040000098	Bolt M8×16-8.8 GB/T5783-2000	8
25	1040300063	Washer 8 GB/T93-1987	8
26	00663407920001010	Nylon block	2

[illegible]



LUFFING JIB REAR ANCHORING RODS D00663405400600001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300100001230	Retaining pin	60
2	00663405400610001	Double-anchoring rod	28
3	00663405400601010	Pin spindle	60
4	00663405400830000	Coupling link	1
5	1040500186	Cotter pin 10×90 GB/T91-2000	8
6	00663305400201040	Pin spindle	8
7	00663405400650001	Anchoring rod	2
8	00663305400201061	Connecting plate	1
9	00663305400201101	Pin spindle	1
10	1040500179	Cotter pin 10×120 GB/T91-2000	1
11	00663305400250001	Connecting plate	1
12	00663405400601060	Anchoring rod	2
13	00663405400620000	Coupling link	1
14	00663405400601070	Anchoring rod	2
15	00663405400601080	Anchoring rod	10
16	00663405400601090	Anchoring rod	14
17	00663405400640001	Double-anchoring rod	2

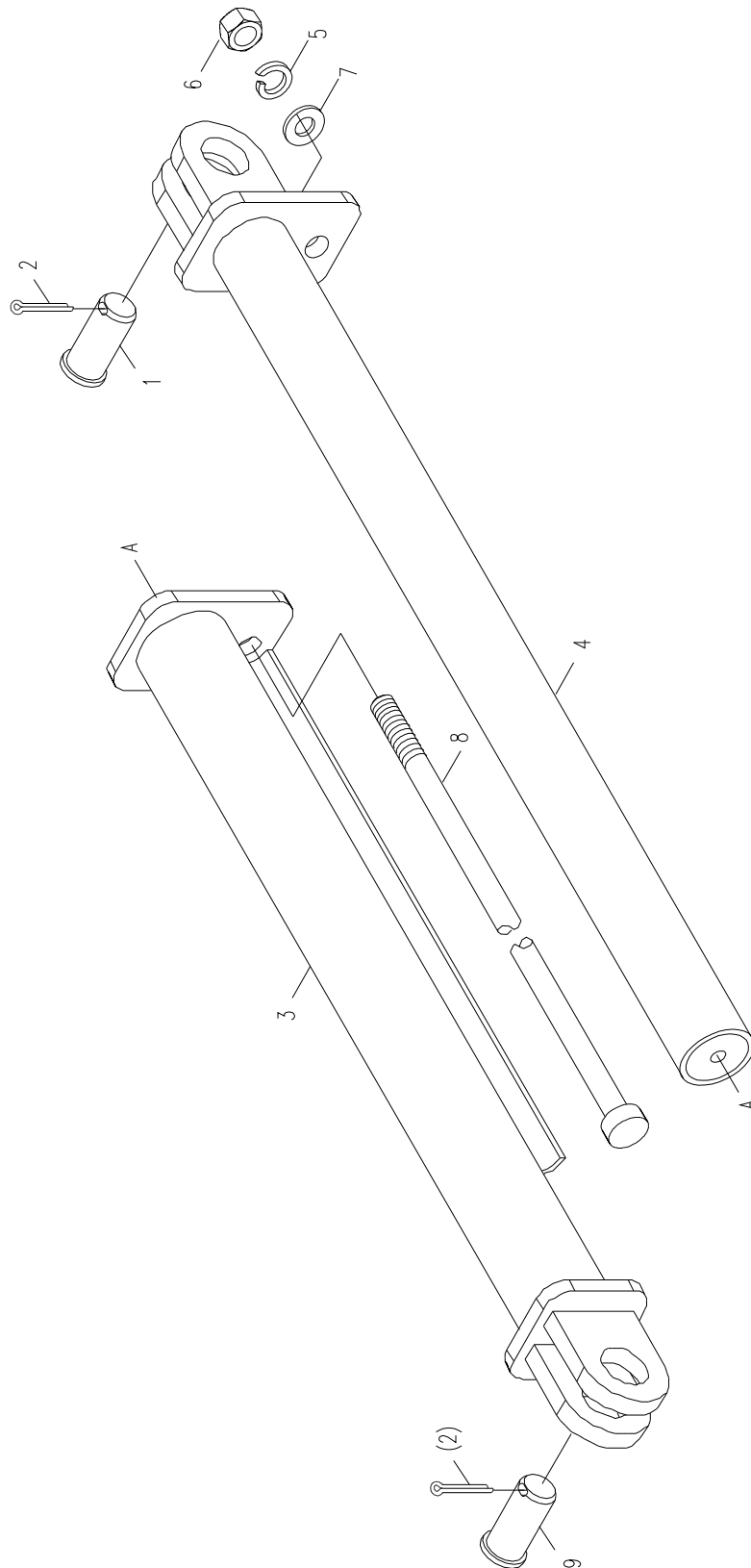
REAR TILTING-BACK SUPPORT OF LUFFING JIB
D00663403100800002Y



**REAR TILTING-BACK SUPPORT OF LUFFING JIB****D00663403100800002Y**

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040500136	Pip spindle B40*85	1
2	1040500040	Cotter pin 6.3*50 GB/T91-2000	1
3	00663303100810002	Inner pipe	1
4	00663303100801040	Spring	1
5	00663403100820000	Outer pipe	1
6	00663303100801050	Cotter pin	2
7	1040100182	Screw M12 GB825-1988	2
8	6340000029	Retaining spring (D30,32,35)	2
9	00663403100830000	Longer outer pipe	1

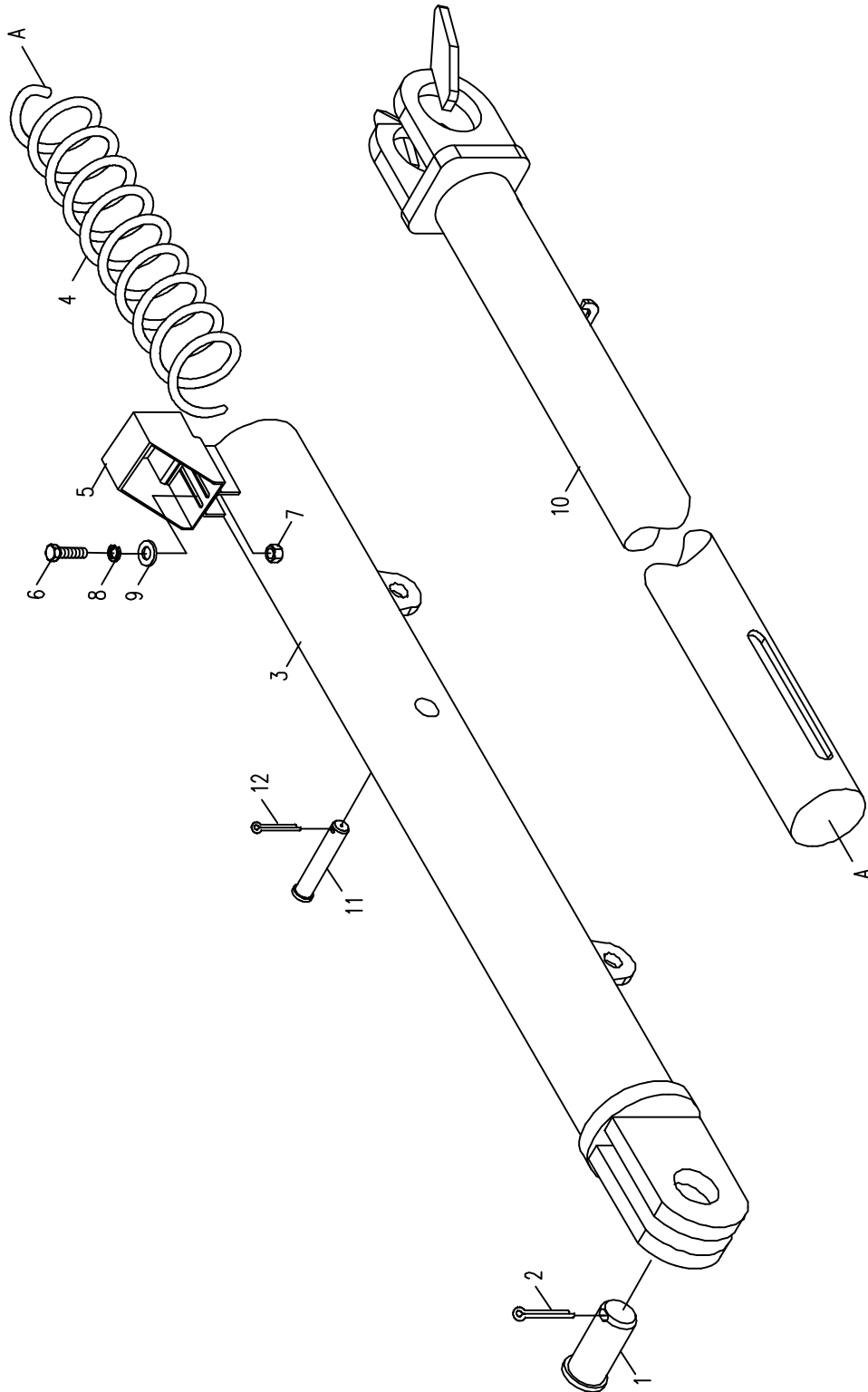
**SUPPORT ROD
D00663303101400000Y**





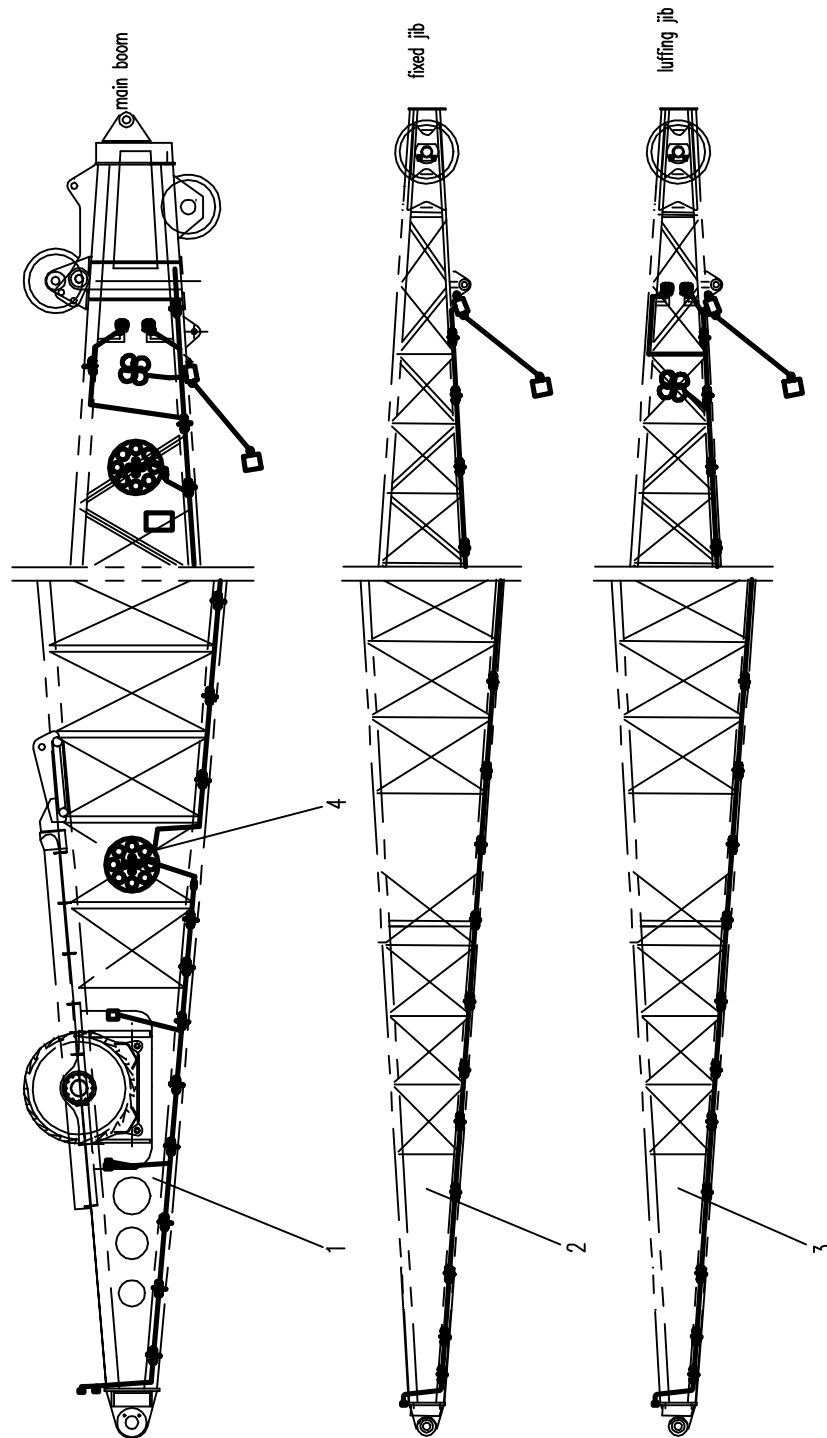
SUPPORT ROD D00663303101400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663303101401010	Pin spindle	1
2	1040500003	Cotter pin 2.5*30 GB/T91-2000	2
3	00663303101410000	Outer pipe	1
4	00663303101420000	Inner pipe	1
5	1040300063	Washer 8 GB/T93-1987	1
6	1040200192	Nut M8-8 GB/T6170-2000	1
7	1040300066	Washer 8-200HV GB/T97.1-2002	1
8	00663303101401020	Rod	1
9	00663303101401030	Pin spindle	1

TILTING-BACK SUPPORT OF LUFFING JIB
D00663403101200003Y



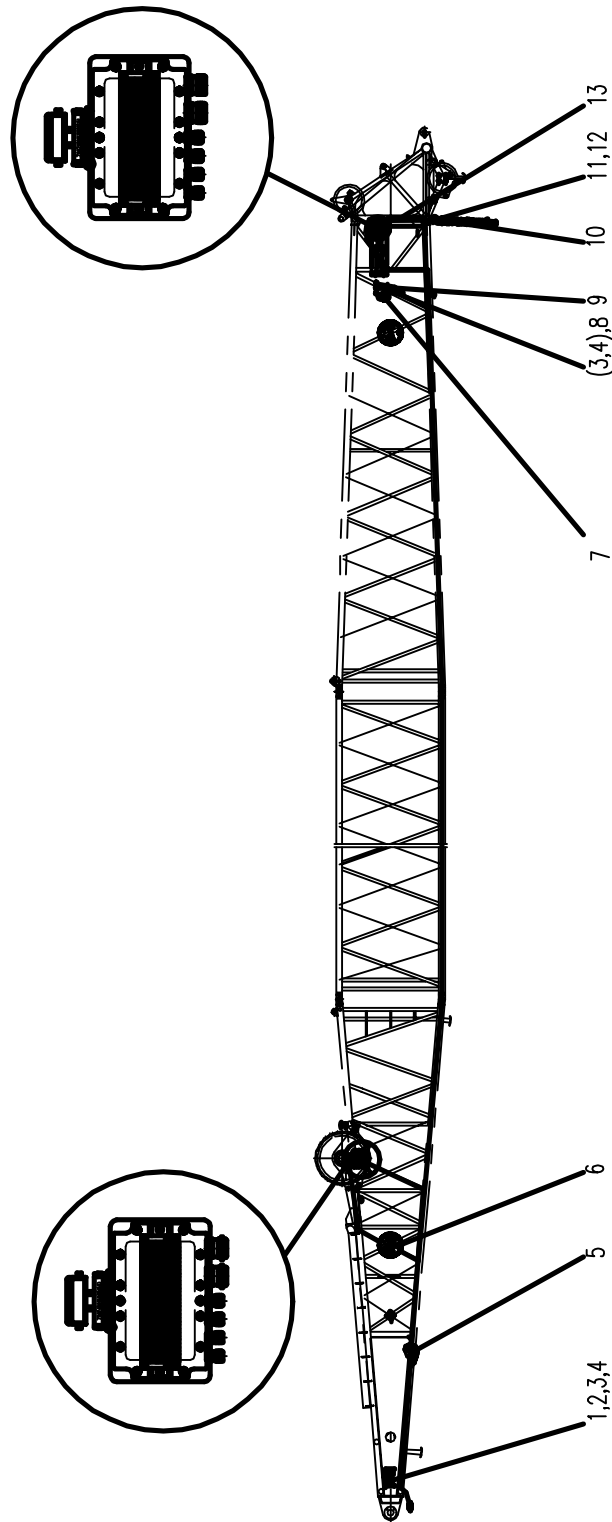
[illegible]

BOOM ELECTRICS
D00663406410000001Y



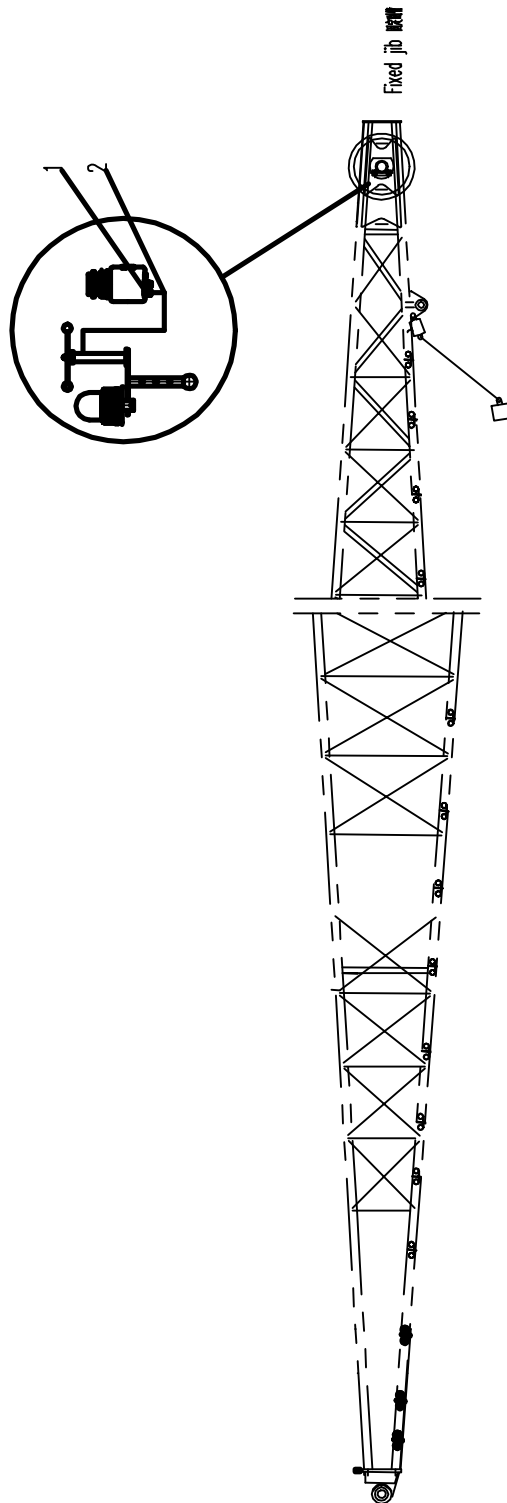
BOOM ELECTRICS D00663406410000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663406410200001	Main boom electrics	1
2	00663406410400000	Fixed jib electrics	1
3	00663406410600001	Luffing jib electrics	1
4	1020701369	Cable drum assy	1
5	1090100222	Chain	1

MAIN BOOM ELECTRICS
D00663406410200001Y



MAIN BOOM ELECTRICS D00663406410200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1020700275	Socket	1
2	1020701939	Socket cover	1
3	1040100103	Screw M4×16-4.8 GB/T818-2000	4
4	1040300045	Grommet 4-200HV GB/T97.1-2002	4
5	1090100222	Chain	5
6	1020701368	Cable drum assy	1
7	1020400233	Solar lamp	1
8	1040300044	Grommet 4 GB/T93-1987	4
9	1021400132	Anemoscope	1
10	1999900014	Hoisting limit switch weight assy.	2
11	1020500140	Hoisting limit switch	2
12	1029900210	Water-proof cable joint	2
13	00663406410210002	Wire harness of main boom	1

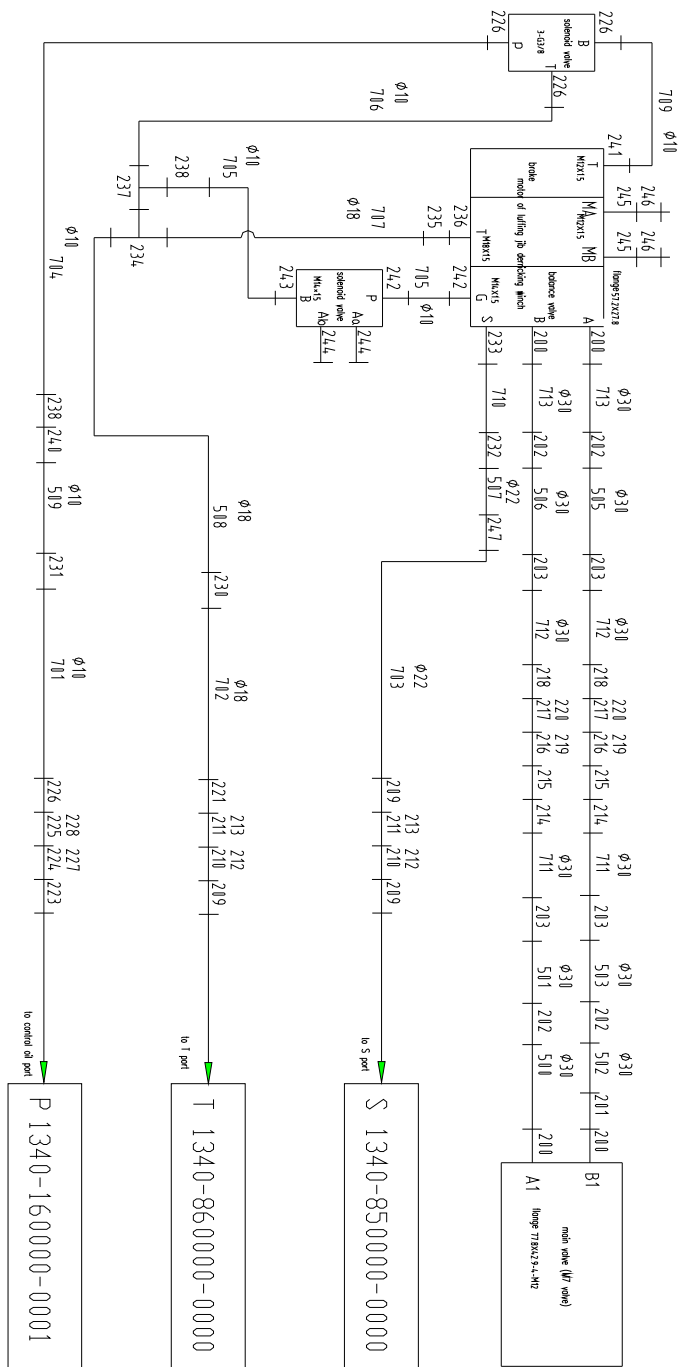
FIXED JIB ELECTRICS
D00663406410400000Y



FIXED JIB ELECTRICS D0066340641040000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663406410410002	固定副臂线束	1
2	1020700483	Anemometer cable (with plug, 5m)	1

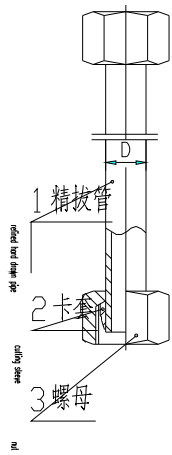
LUFFING JIB ELECTRICS D00663406410600001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663406410610002	Wire harness of luffing jib	1
2	1020500136	Overlowering switch	1
3	1020500588	Proximity switch PNP,M18×1,8mm	4
4	1021400049	Pressure sensor 60MPa	2

PIPE LAYOUT DRAWING-BOOM HYDRAULIC SYSTEM
D00663408800000000Y



Attached to the sealing elements at the two ends of pipe

steel pipe/cutting sleeve and nut code of steel pipe assy.		specification of steel pipe	code of cutting sleeve	specification	code of nut	specification
519		φ10X1.5	DS14-L-5/	φ10	M14-L	L10
518		φ18X2.5	DS18-L	φ18	M18-L	L18
517		φ22X3	DS22-L	φ22	M22-L	L22
510 511 512 513 515 516		φ30X4	DS31-5	φ30	M31-5	S30

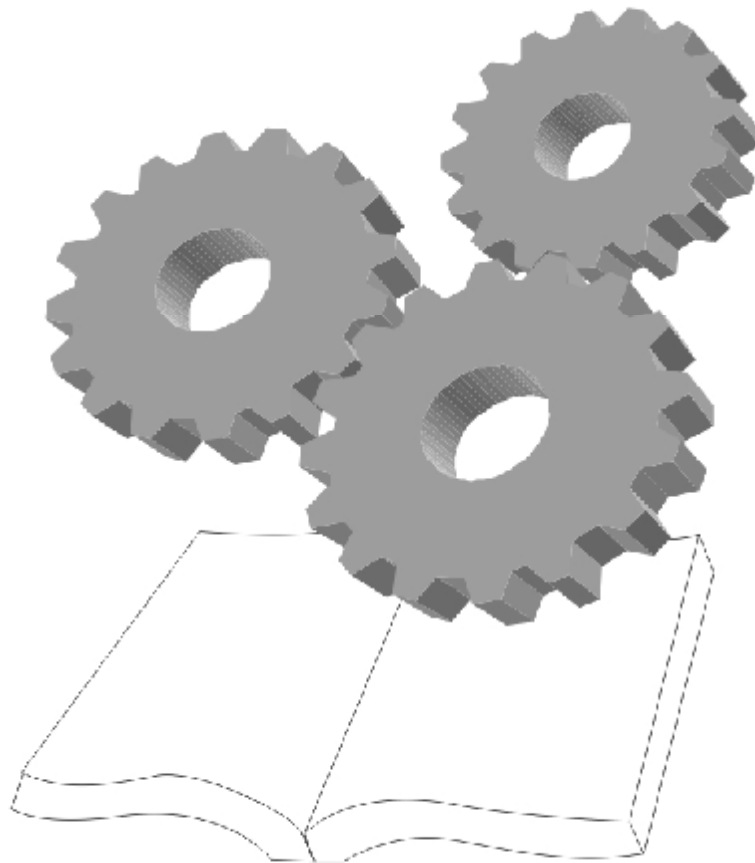
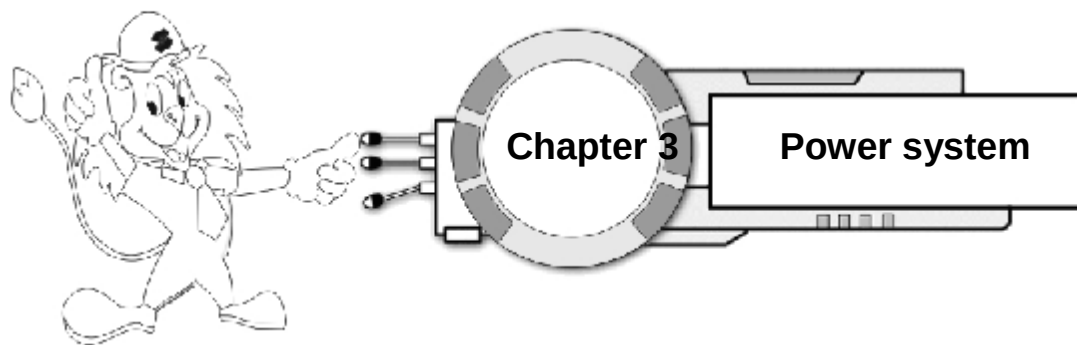




PIPE LAYOUT DRAWING-BOOM HYDRAULIC SYSTEM D00663408800000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
227	1081200004	Dust cap TFV14S	1
212	1081200006	Dust cap TFV34S	1
219	1081200007	Dust cap TFV114S	2
228	1081200008	Dust cap TMV14S	1
220	1081200009	Dust cap TMV114S	2
213	1081200010	Dust cap TMV34S	1
250	1081200214	Dust cap SFA-12	1
251	1081200215	Dust cap PFA-12	1
223	1140100158	Fitting VADKO10-RL/WD	1
208	1140100167	Fitting body XA22-RL/WD	1
215	1140100187	Fitting VADKO30-RS/WD	2
209	1140100191	Fitting VADKO22-RL/WD	2
205	1140100525	Fitting XK10-L	1
242	1140100527	Fitting XA10-ML/WD	1
204	1140100529	Fitting XK22-L	2
218	1140100571	Fitting XA30-RS/WD	2
239	1140100572	Fitting XA10-RL/WD	1
226	1140100574	Fitting XA10-L/R3/8"/WD	4
203	1140100575	Fitting XE30-S	4
202	1140100576	Fitting XF30-S	4
231	1140100583	Fitting XE10-L	1
236	1140100591	Fitting XA18-ML/WD	1
240	1140100596	Fitting XF10-L	1
238	1140100597	Fitting XVBDKO10-L	2
221	1140100622	Fitting XA18-L/R3/4"/WD	1
230	1140100623	Fitting XE18-L	1
214	1140100625	Fitting XK30-S	2
201	1140100628	Fitting XVBDKO30-S	1
235	1140100633	Fitting XVBDKO18-L	1
232	1140100641	Fitting XF22-L	1
247	1140100644	Fitting XE22-L	1
237	1140100647	Fitting XVDDKO10-L	1
245	1140100648	Fitting XA10-L/M18*1.5/WD	2
234	1140100654	Fitting XGR18/10/18-L	1
233	1140100687	Fitting XA20-MS/WD	1



PIPE LAYOUT DRAWING-BOOM HYDRAULIC SYSTEM D00663408800000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
200	1140100863	Flange assembly SFCE6004/S30M	4
241	1140101002	Pipe fitting L10/M12×1.5E GB3733-2006	2
224	1140101253	Quick-release coupling G1/4" VVS14GASF	1
225	1140101254	Quick-release coupling G1/4" VVS14GASM	1
210	1140101259	Quick-release coupling G3/4" VVS34GASM	1
211	1140101260	Quick-release coupling G3/4" VVS34GASF	1
216	1140101263	Quick-release coupling G1 1/4" VVS114GASF	2
217	1140101264	Quick-release coupling G1 1/4" VVS114GASM	2
244	1140101287	Blanking plug VSCH-M14*1.5/WD	2
206	1140101306	Blanking plug VSCH-R3/8/WD	1
246	1140102830	Pressure testing joint SMK20-10L-PK	2
248	1140103153	Quick-release coupling FAF20-12	1
249	1140103154	Quick-release coupling FAM20-12	1
452	00663408500600000	Pipe clamp	2
243	00663408800001010	Fitting	1
451	00663408800200000	Pipe clamp	2



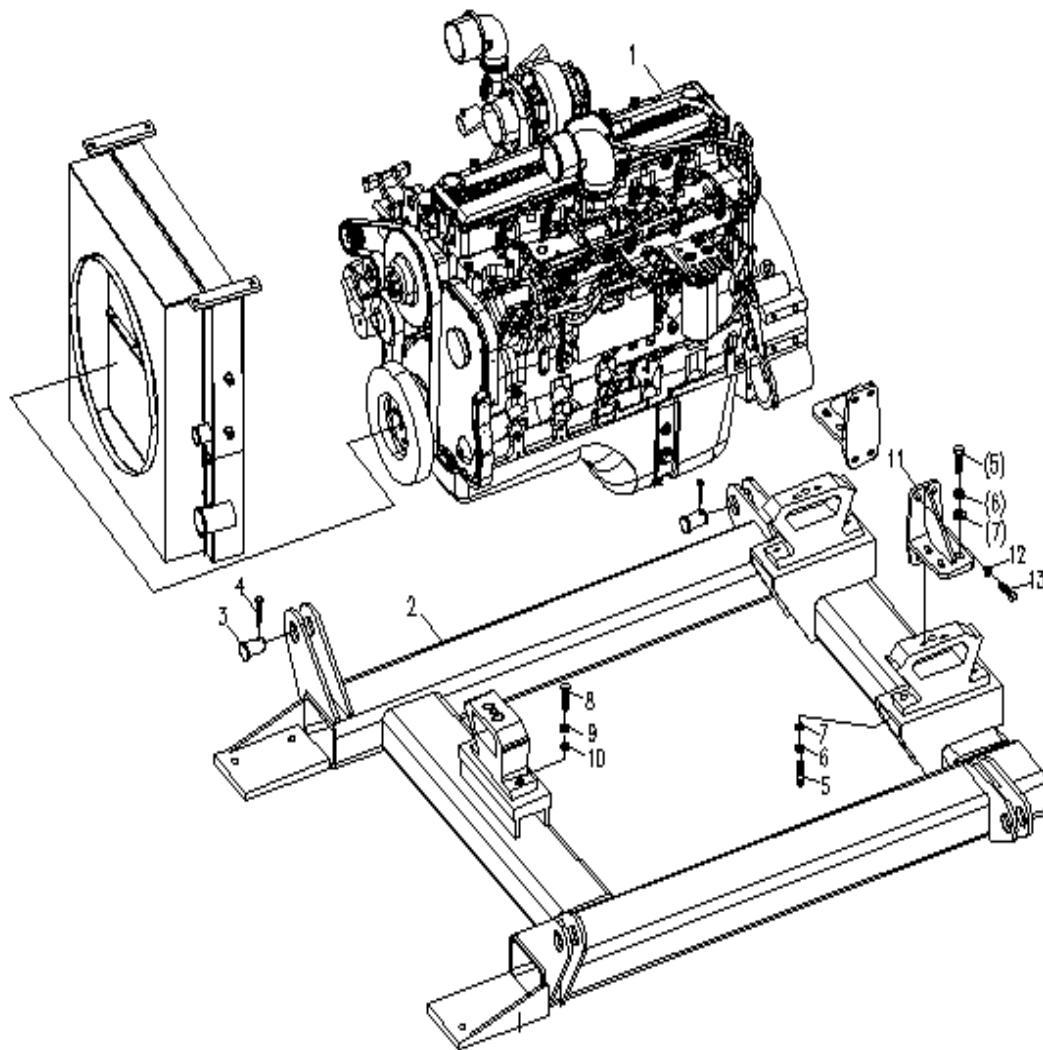


Chapter 3 Power system

1 Engine

1.1 Engine and suspension system	D00663301010000000Y	3-1
2 Intercooling system	D00663200900000000Y	3-3
3 Fuel system of Cummins engine	D00663401110000000Y	3-5
3.1 Fuel pre-filter pre-assembly	D00663201100200002Y	3-7
4 Exhaust system	D00663301210000000Y	3-9
5 Cooling system	D00663301310000000Y	3-11
6 Air intake system	D00663301410000001Y	3-13
7 Hydraulic tank	D00663403000000000Y	3-15
8 Oil pump drive system	D00663203900000000Y	3-17

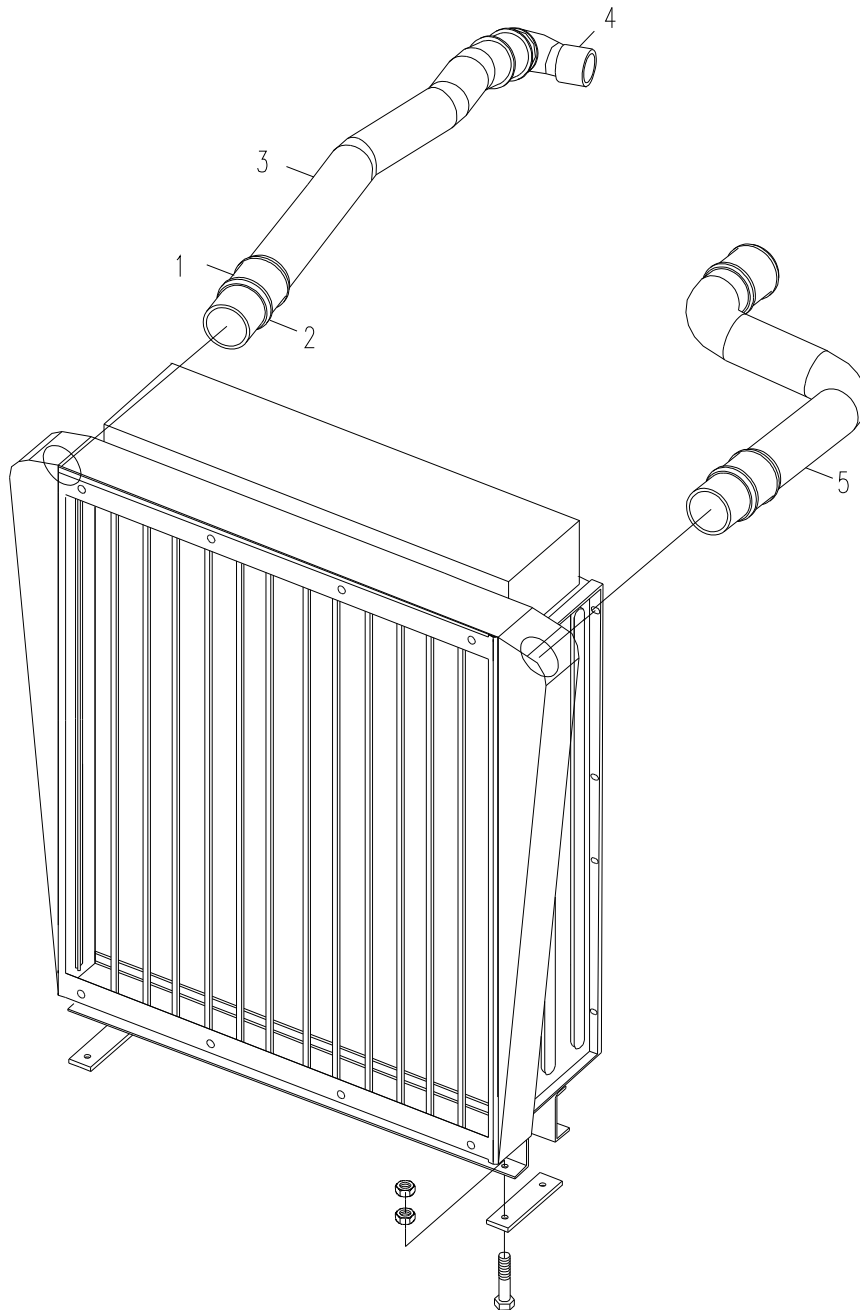
ENGINE AND SUSPENSION SYSTEM
D0066330101000000Y





ENGINE AND SUSPENSION SYSTEM			
D00663301010000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1000000004	Diesel engine	1
2	00663301010200001	Suspension support	1
3	00663301000001010	Pin spindle	4
4	1040500076	Cotter pin 8*60 GB/T91-2000	4
5	1040000061	Bolt M16*1.5*40-8.8 GB/T5786-2000	8
6	1040300065	Washer 16 GB/T93-1987	8
7	1040300052	Washer 16-200HV GB/T97.1-2002	8
8	1040000090	Bolt M10*30-8.8 GB/T5783-2000	4
9	1040300067	Washer 10 GB/T93-1987	4
10	1040300061	Washer 10-200HV GB/T97.1-2002	4
11	00663201000200000	Rear support for engine	2
12	1040300054	Washer 12 GB/T93-1987	8
13	1040000094	Bolt M12*35-8.8 GB/T5783-2000	8
14	1001500001	Wedge support assy.	2
15	204100002	Diesel oil (used when the ambient temperature is below -35°C)	1
15	204100001	Diesel oil CH-4 15W/40 -25°C—40°C 200L/barrel	1
16	202270003	FD-1 multi-purpose antifreeze fluid -25°C 10L/barrel	1
16	202270000	FD-2B multi-purpose antifreeze fluid -40°C 10L/barrel	1
17	202230016	Loctite glue	1
Note: Pos. 14 – 17 are not shown in the drawing.			

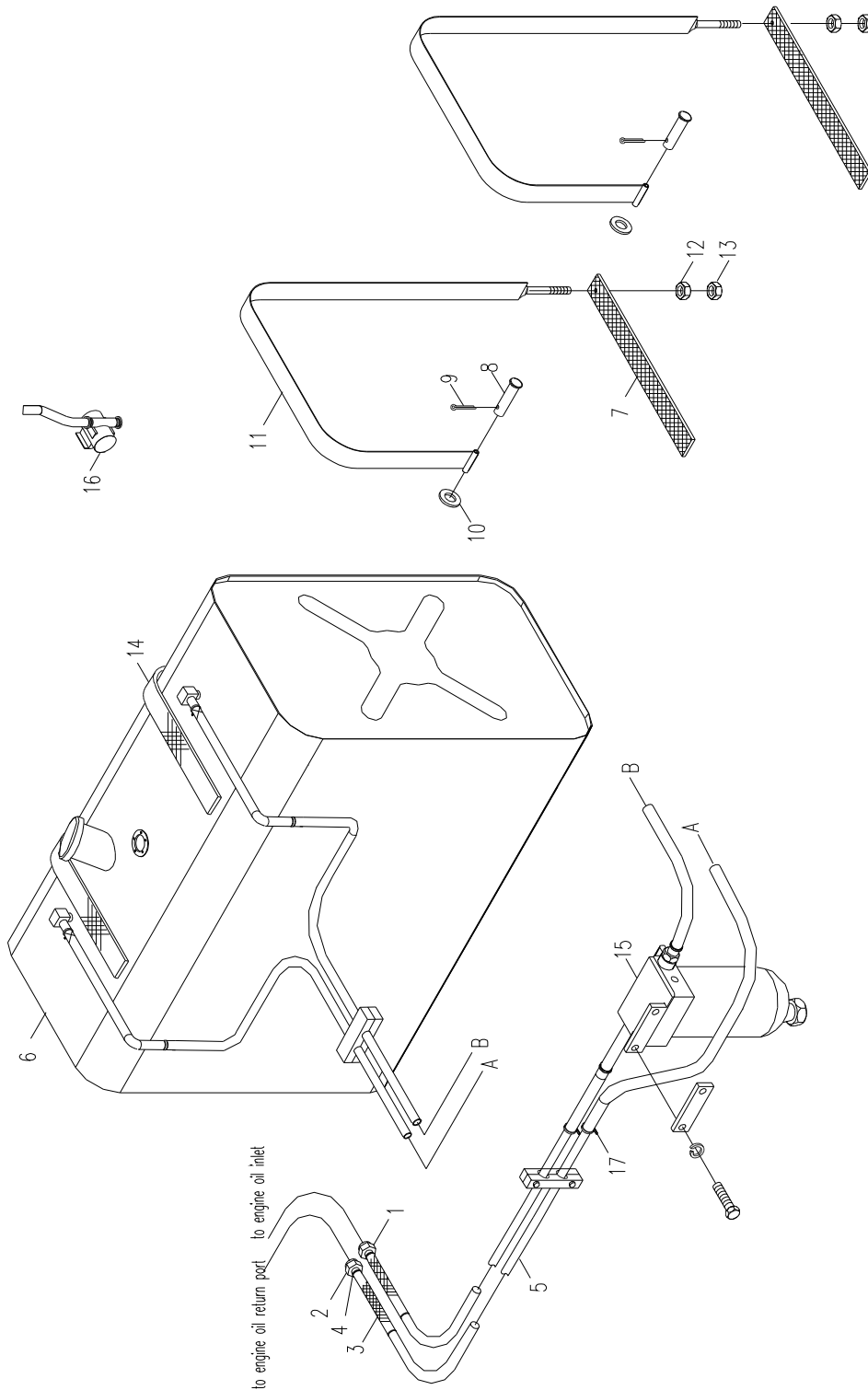
**INTERCOOLING SYSTEM
D00663200900000000Y**





INTERCOOLING SYSTEM			
D00663200900000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1001400022	Multi-layer corrugated pipe $\phi 100 \times \phi 110 \times 120$ (with explosion-proof clamp) 2109-0100	4
2	1990200532	Worm clamp 100-120	8
3	1001400014	Intercooling pipe Q7109-0610-0000	1
4	1001400010	Connecting elbow attached to engine IT9008	1
5	1001400013	Intercooling pipe Q7109-0620-0000	1

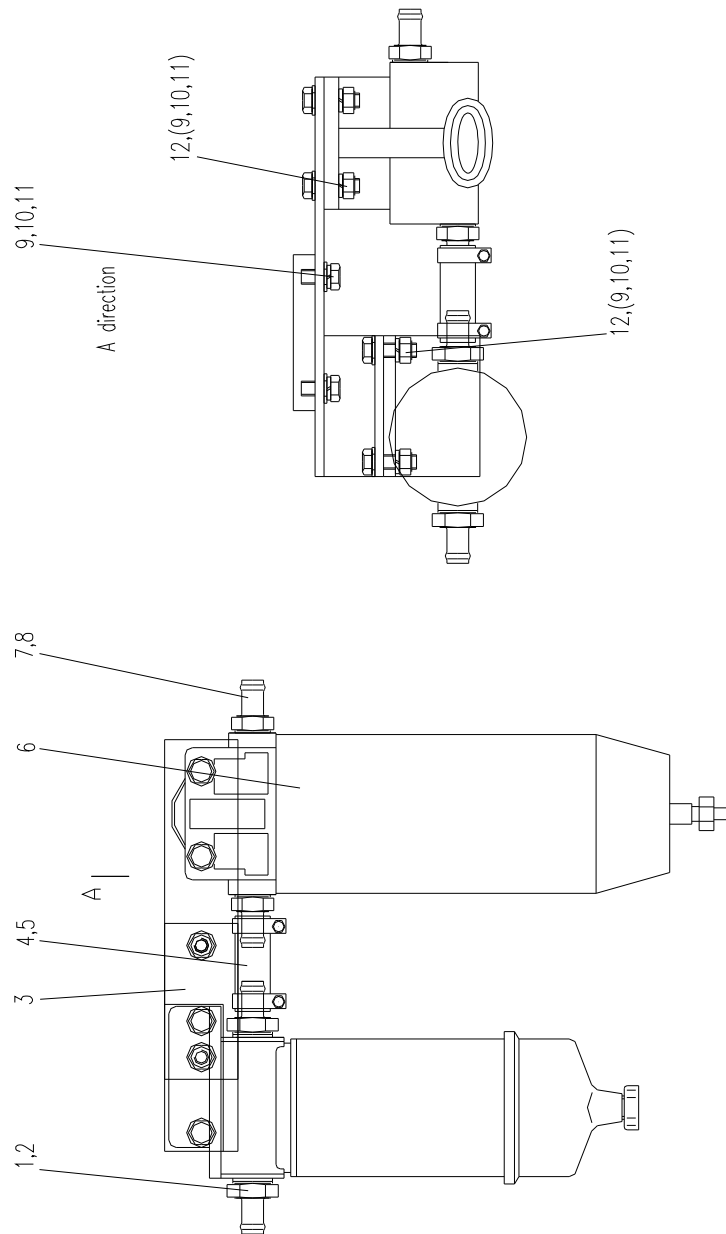
FUEL SYSTEM OF CUMMINS ENGINE D00663401110000000Y





FUEL SYSTEM OF CUMMINS ENGINE D00663401110000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663201100001080	Oil inlet fitting	1
2	00663201100001090	Oil return union	1
3	00663301110001010	Fuel delivery hose Φ16	1
4	1990200062	Hoop 16-22 442.022	8
5	00663301100001010	Diesel oil pipe	2
6	00663301101200001	Fuel tank	1
7	00663401100001010	Shock absorbing pad δ8	1
8	1040500100	Pin spindle B12*90 GB/T882-1986	2
9	1040500075	Cotter pin 4*20 GB/T91-2000	2
10	1040300041	Washer 12-200HV GB/T97.1-2002	2
11	00663301101000000	Fastening belt	2
12	1040200096	Nut M12-8 GB/T6170-2000	2
13	1040200088	Nut M12-04 GB/T6172.1-2000	2
14	1990300002	Rubber mat CBJ001	2
15	00663201100200002	Fuel pre-filter pre-assembly	1
16	00663204803800000	Direction current refueling pump assembly	1
17	1990200010	Nylon strap 8*175 (black) NZ-66-140-2	10

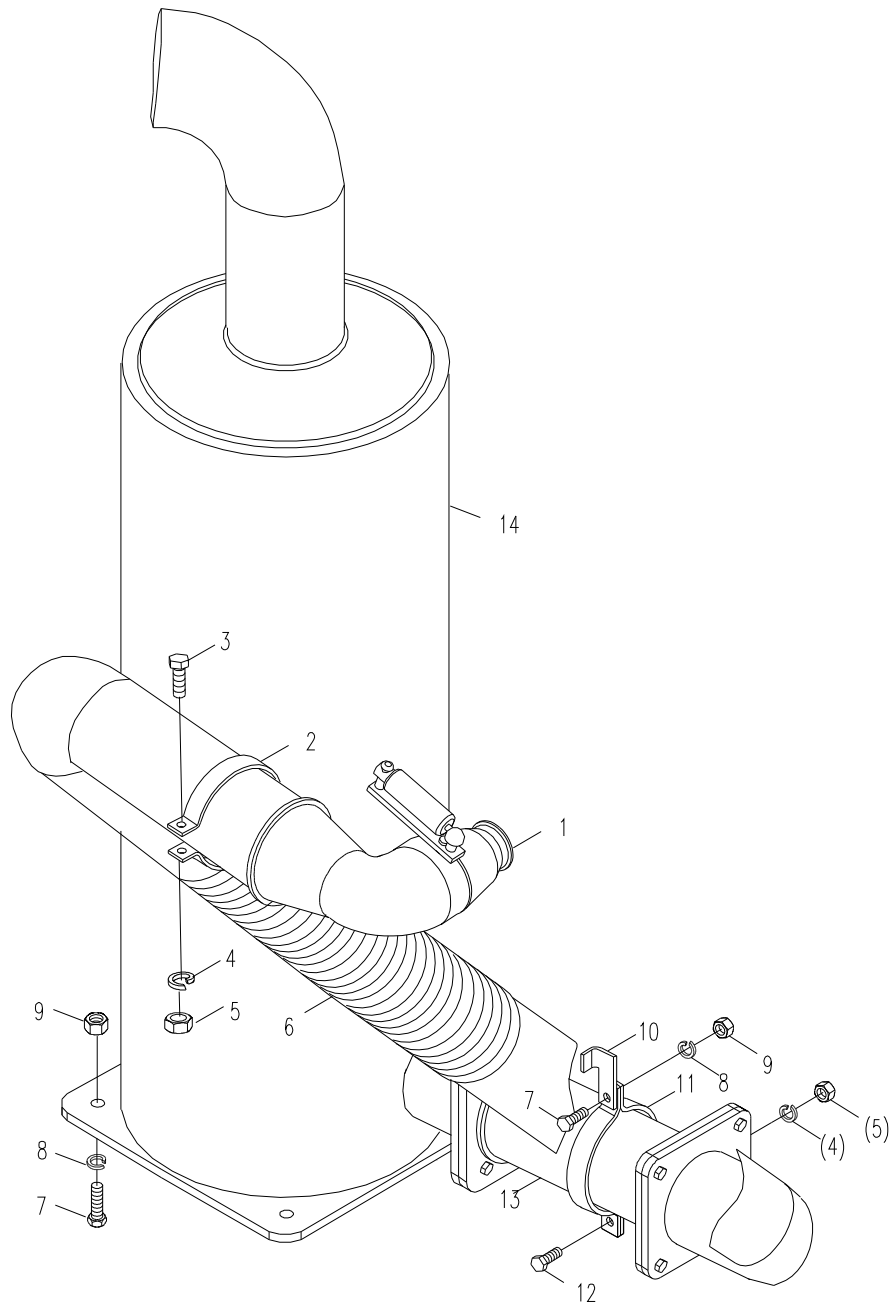
**FUEL PRE - FILTER PRE - ASSEMBLY
D00663201100200002Y**





FUEL PRE – FILTER PRE – ASSEMBLY D00663201100200002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	663201100201010	Fitting	2
2	1081000056	Combination sealing washer 22 JB982-1977	1
3	663201100201021	Support	4
4	663201100201040	Fuel pipe Φ16	4
5	1990200040	Hoop 18-25 442.025	2
6	1000400039	Oil water separator assy.	4
7	00663201100201030	Fitting	4
8	1081000043	O-ring 15×2.4 GB1235-1976	2
9	1040200113	Nut M10-8 GB/T6170-2000	2
10	1040300061	Washer 10-200HV GB/T97.1-2002	1
11	1040300067	Washer 10 GB/T93-1987	1
12	1040000090	Bolt M10×30-8.8 GB/T5783-2000	2

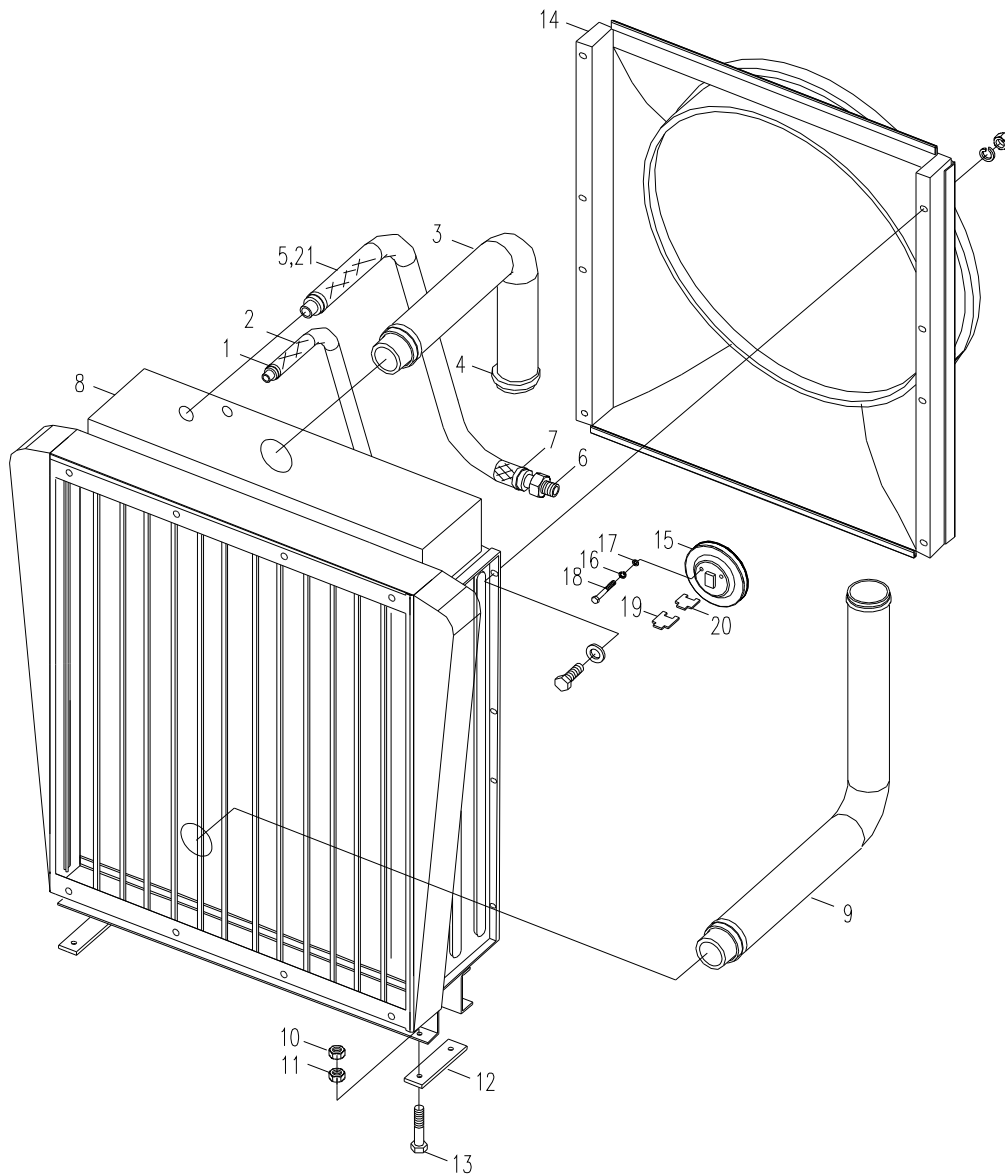
EXHAUST SYSTEM
D00663301210000000Y





EXHAUST SYSTEM D00663301210000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1001400017	Exhaust elbow attached to engine	1
2	00663201200001010	Fastening ring	1
3	1040000110	Bolt M8*35-8.8 GB/T5783-2000	12
4	1040300063	Washer 8 GB/T93-1987	1
5	1040200192	Nut M8-8 GB/T6170-2000	1
6	1001400012	Exhaust pipe	1
7	1040000094	Bolt M12*35-8.8 GB/T5783-2000	12
8	1040300054	Washer 12 GB/T93-1987	1
9	1040200096	Nut M12-8 GB/T6170-2000	12
13	1001400009	Exhaust pipe	1
14	1000200003	Silencer	1
15	00663301200001010	Sealing washer	1
16	00663301210001010	Sealing washer	1
Note: Pos. 15 and 16 are not shown in the drawing.			

COOLING SYSTEM
D0066330131000000Y





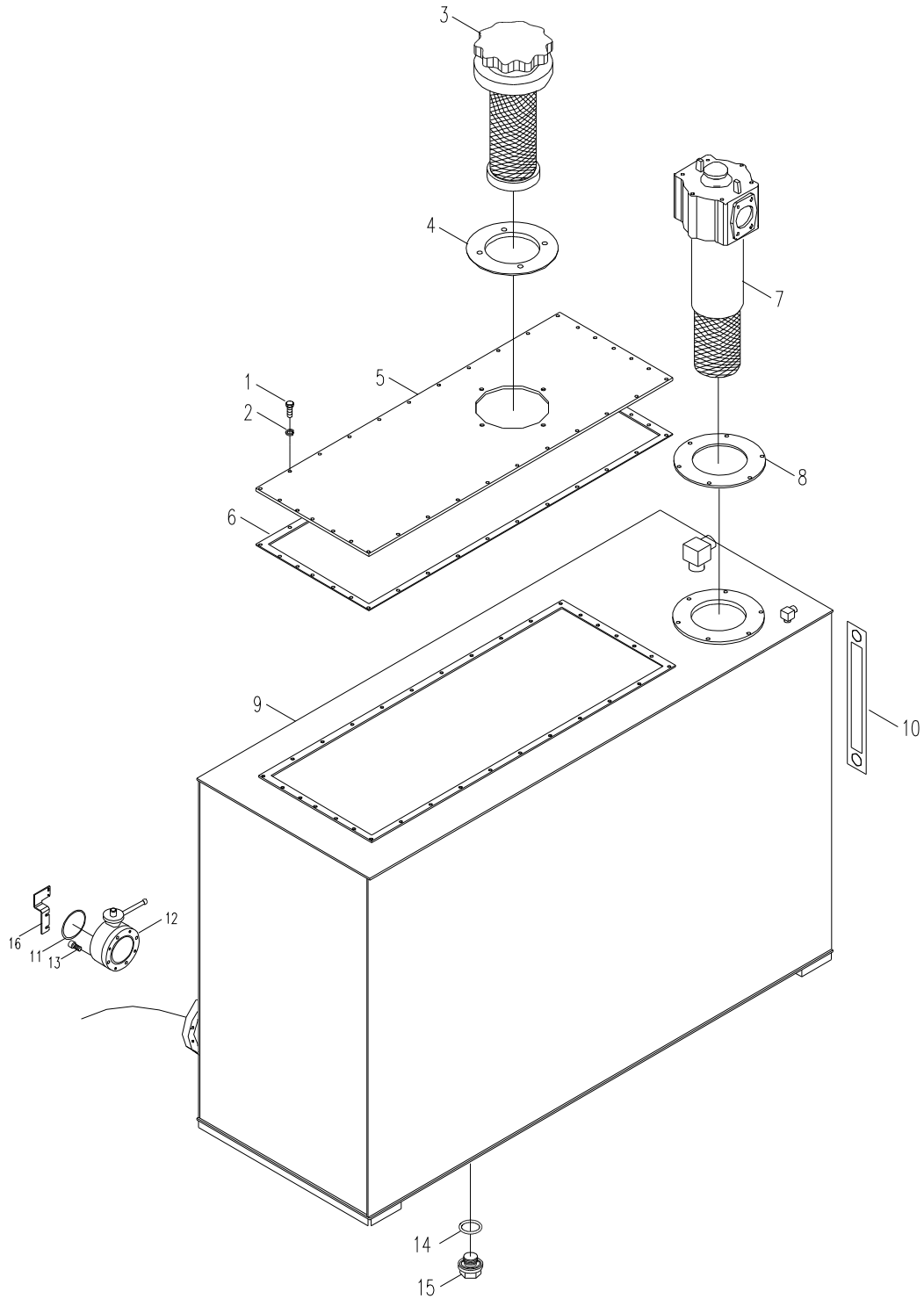
COOLING SYSTEM D00663301310000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1990200066	Hoop	2
2	00663201300001010	Water tank hose ◎8×3	1
3	1001400003	Water inlet pipe assy.	1
4	1990200065	Hoop	4
5	00663201300001020	Water tank hose Φ25	1
6	00663101300001010	Fitting	1
7	1990200060	Hoop	2
8	1000300013	Water tank assy.	1
9	1140201744	Water outlet hose assy.	1
10	1040200096	Nut M12-8 GB/T6170-2000	4
11	1040200088	Nut M12-04 GB/T6172.1-2000	4
12	00663201300001030	Plate	2
13	1040000216	Bolt M12*70-8.8 GB/T5783-2000	4
14	1000300004	Fan Φ762	1
15	1000300010	Auxiliary drive wheel attached to engine	1
16		Washer 10 GB/T93-1987	4
17	1040300061	Washer 10-200HV GB/T97.1-2002	4
18	1040000378	Bolt M10*120-10.9 GB/T5782-2000	4
19	1000300002	Fan pad	1
20	1000300001	Fan pad attached to engine	1
21	1990200010	Nylon strap 8*175 (black)	10

[illegible]



AIR INTAKE SYSTEM D00663301410000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1990200165	Intercooler clamp 108-118	2
2	1001400022	Multi-layer corrugated pipe $\phi 100 \times \phi 110 \times 120$ (with explosion-proof clamp)	1
3	1001400007	Air intake pipe	1
4	1000100001	Air filter	1
5	1001400008	Air intake pipe	1
6	1990200177	Intercooler clamp	2
7	1000100005	Rainproof cap	1
8	1990200217	Pipe clamp	1
9	1040000069	Bolt M12*25-8.8 GB/T5783-2000	6
10	1040300054	Washer 12 GB/T93-1987	8
11	1040200096	Nut M12-8 GB/T6170-2000	6
12	00663401410200000	Support	1
13	1040000288	Bolt M8*25-8.8 GB/T5783-2000	2
14	1040300063	Washer 8 GB/T93-1987	2
15	1040200192	Nut M8-8 GB/T6170-2000	2
16	1990200152	Pipe clamp	1

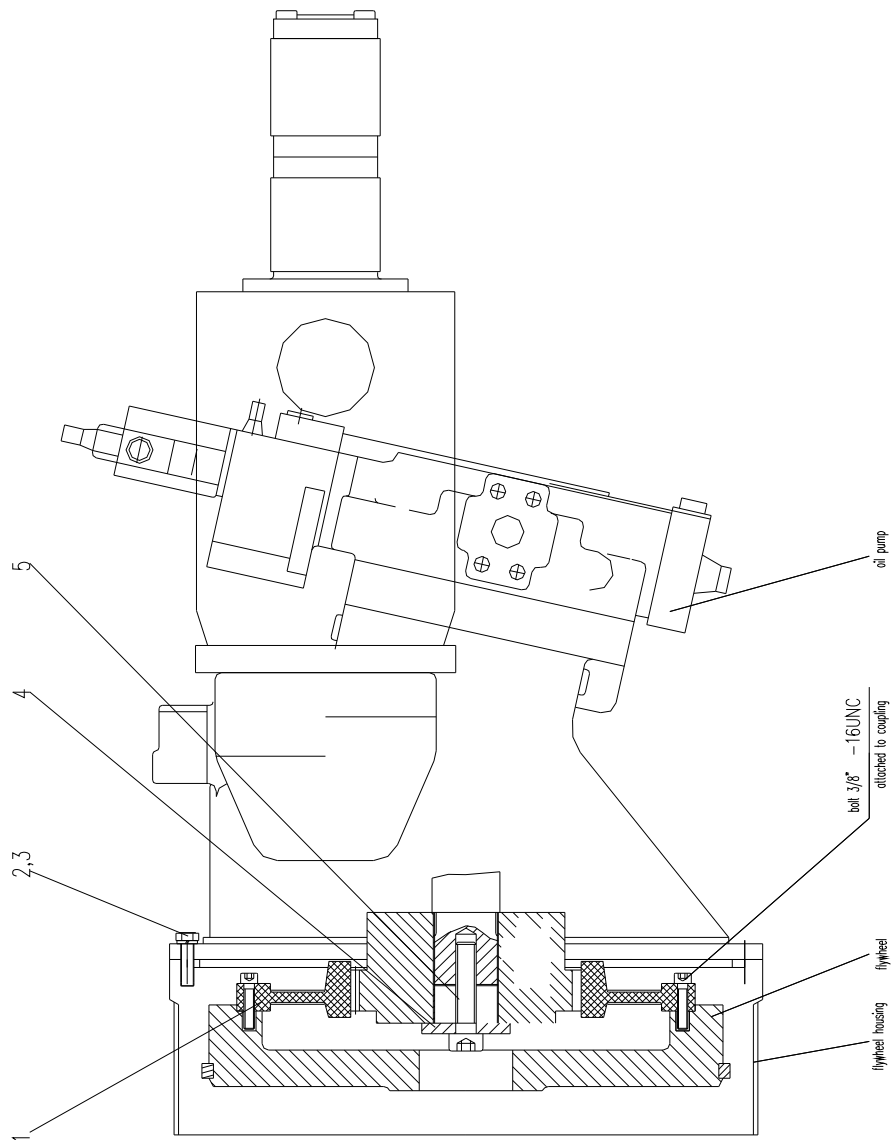
HYDRAULIC TANK
D00663403000000000Y





HYDRAULIC TANK D00663403000000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000098	Bolt M8×16-8.8 GB/T5783-2000	30
2	1040300063	Washer 8 GB/T93-1987	38
3	1010500005	Air filter	1
4	00663303000001010	Washer	1
5	00663403000400000	Cover plate	1
6	00663403000001020	Shim	1
7	1010600002	Oil return filter	1
8	00663303000001040	Washer	1
9	00663403000200000	Tank	1
10	1019900025	Oil level gauge	1
11	1081000004	O-ring 115×3.1 GB1235-1976	2
12	1010300008	Rotary valve	2
13	1040100069	Screw M8×20-8.8 GB/T70.1-2000	8
14	1081000040	O-ring 30×3.5 GB1235-1976	4
15	00663013010001030	Blanking plug	4
16	00663803000001050	Switch support	2

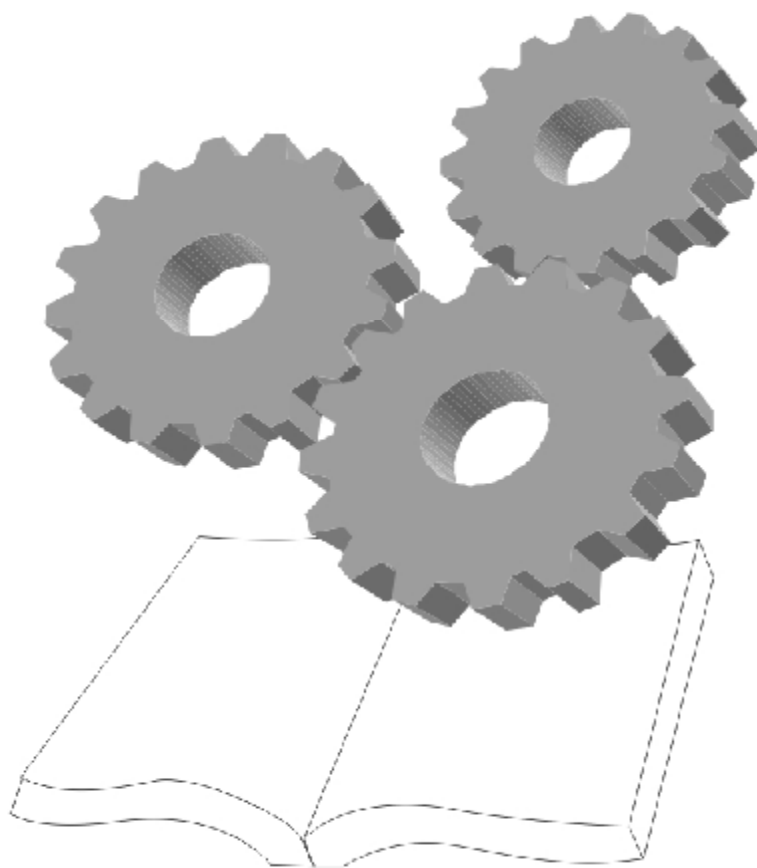
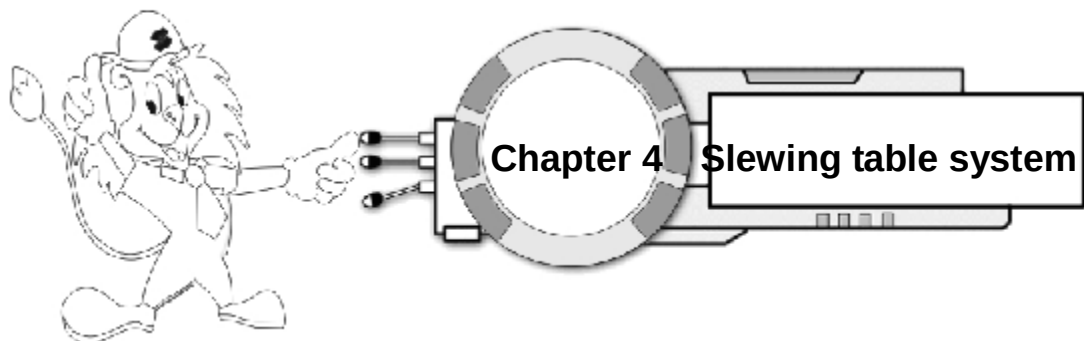
**OIL PUMP DRIVE DEVICE
D00663203900000000Y**





OIL PUMP DRIVE DEVICE D00663203900000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1030400000	Coupling	1
2	1040000122	Bolt M10*35-8.8 GB/T5783-2000	12
3	1040300067	Washer 10 GB/T93-1987	12
4	00663303900001020	Pressure plate	1
5	1040000023	Bolt M16*65-8.8 GB/T5782-2000	1
6	202230016	Loctite glue	1
7	204110014	Lithium base grease	1
Note: Pos. 6 and 7 are not shown in the drawing.			







Chapter 4 Slewing table system

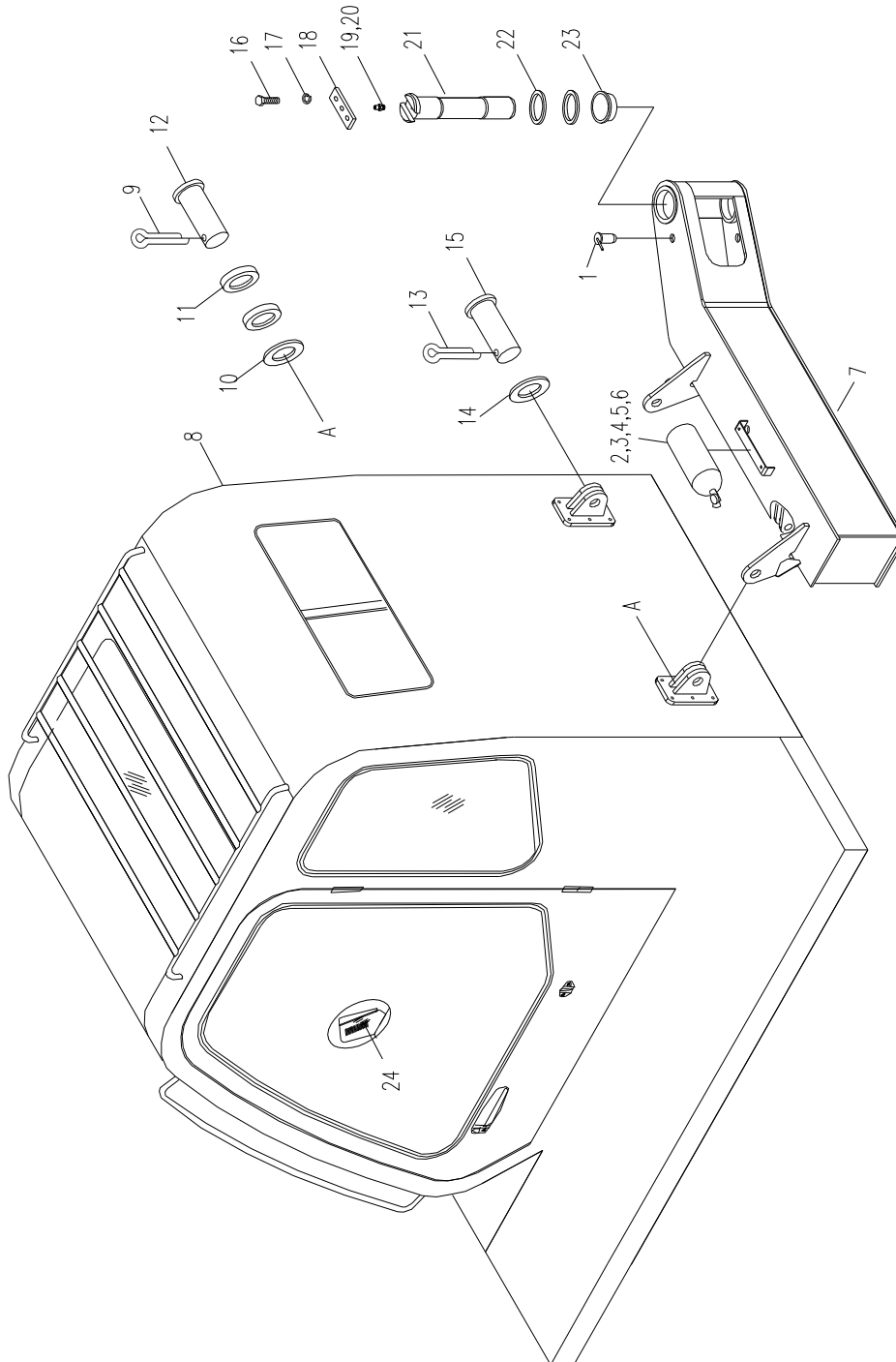
1	Operator's cab	
1.1	Operator's cab assembly D00663400700000001Y	4-1
1.2	Operator's cab electrics D00663306220000000Y	4-3
2	Slewing table	
2.1	A-frame assy. D00663401800000000Y	4-5
2.2	A-frame erection mechanism assembly D00663301900000002Y	4-7
2.3	Mounting cylinder D00663403600000001Y	4-9
2.4	Boom pivot section bolting cylinder D00663305300000000Y	4-11
2.5	Slewing table electrics D00663306340000000Y	4-13
2.6	Accumulator cylinder assembly D00663403101000000Y	4-17
3	Boarding	
3.1	Boarding assembly D00663400500000002Y	4-19
3.2	Cummins engine housing assembly D00663405100000001Y	4-23
4	Derricking mechanism D00663402000000001Y	
4.1	Main boom derricking winch D00663402000200001Y	4-25
4.2	Rope support assembly D00663402000600000Y	4-27
5	Derricking crown block D00663302100000002Y	4-29
6	Hoisting mechanism	
6.1	Hoisting winch D00663403500000002Y	4-31
7	Slewing mechanism	
7.1	Slewing mechanism D00663304400000003Y	4-33
7.2	Slewing ring assembly D00663404500000000Y	4-35
8	Structural members assembly D00663404700000001Z	
8.1	Fixing device for slewing table D00663304700200001Y	4-37
8.2	Main boom assembly D00663304700400001Y	4-39
8.3	Rope protective cover assembly D00663304701200002Y	4-41
8.4	Slewing table seal plate assembly D00663404700400000Y	4-43
8.5	Reeving winch assembly D00663404700600000Y	4-45
9	Counterweight	
9.1	Counterweight assembly D00663404910000000Y	4-47
9.2	Counterweight bolting cylinder D00663307100000001Y	4-49
10	Air conditioning	
10.1	Air conditioning D00663307610000001Y	4-51
11	Hydraulic system	



11.1	Hydraulic system diagram	D00663401500000001Y.....	4-53
11.2	Hydraulic system diagram	D00663401510000000Y.....	4-54
11.3	Pipe layout – superstructure hydraulic system	D00663401600000001Y	4-55
11.4	Pipe layout – hydraulic circuits of winches in the slewing table	D00663408500000000Y	4-63
11.5	Pipe layout – hydraulic circuits of slewing table	D00663408600000000Y	4-67
11.6	Pipe layout – hydraulic circuits of auxiliary services	D00663408700000000Y	4-69
12	Reeving winch	D00663408300000000Y	4-73



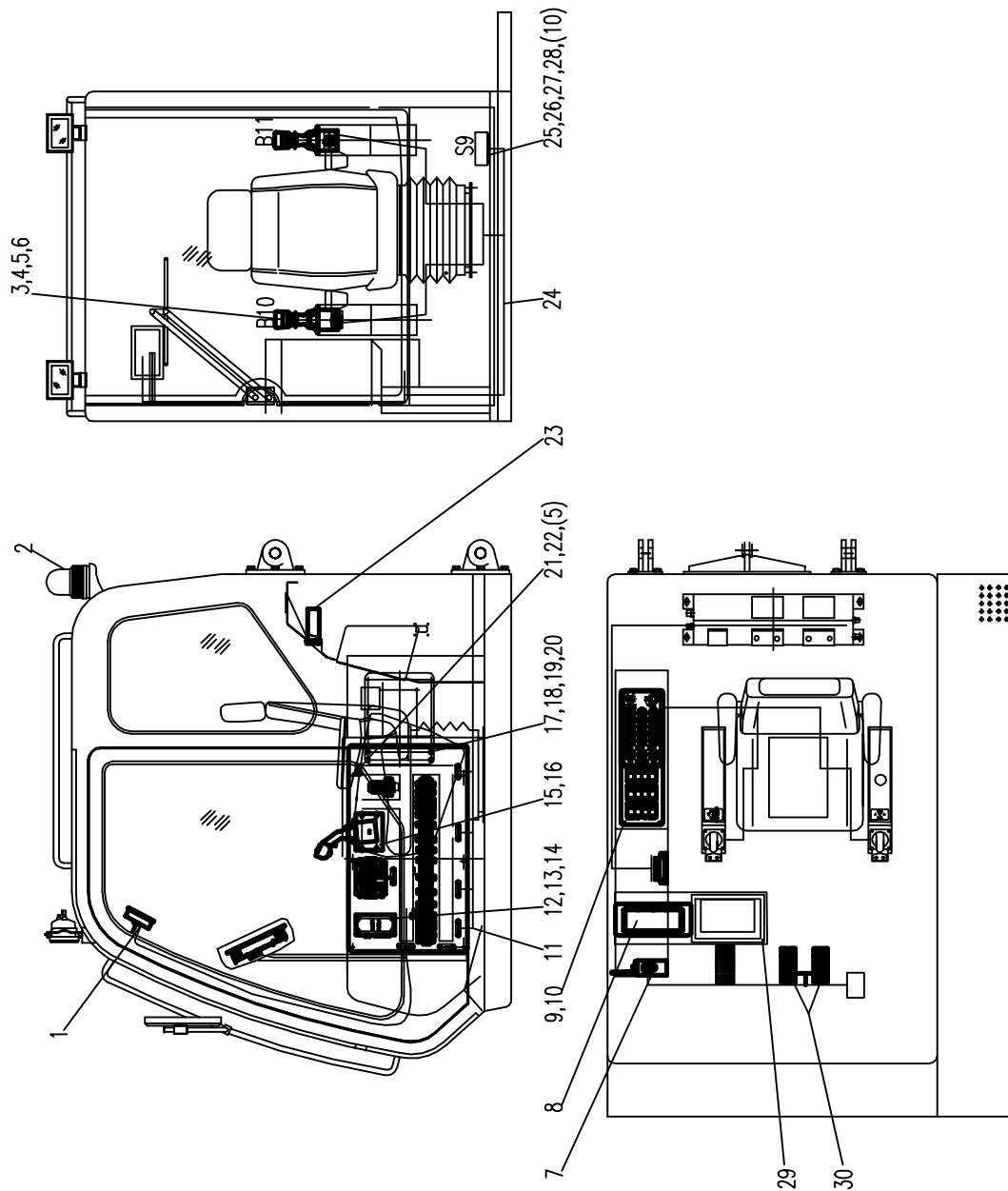
**OPERATOR'S CAB ASSEMBLY
D00663400700000001Y**





OPERATOR'S CAB ASSEMBLY D00663400700000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663305800400000	Inserting pin	1
2	1139900000	Fire extinguisher	1
3	1040000107	Bolt M6*20-8.8 GB/T5783-2000	1
4	1040200111	Nut M6-8 GB/T6170-2000	1
5	1040300051	Washer 6-200HV GB/T97.1-2002	1
6	1040300062	Washer 6 GB/T93-1987	1
7	00663400700200001	Swivel arm of cab	1
8	1130000067	Cab	1
9	1040500173	Cotter pin 6.3*80 GB/T91-2000	2
10	1040300074	Washer 30-200HV GB/T97.1-2002	2
11	00663300700001040	Spacing sleeve	2
12	00663300700001010	Pin spindle	2
13	1040500076	Cotter pin 8*60 GB/T91-2000	2
14	00663300700001030	Washer	2
15	00663300700001020	Pin spindle	2
16	1040000082	Bolt M16*40-8.8 GB/T5783-2000	8
17	1040300065	Washer 16 GB/T93-1987	8
18	00663300700001060	Retaining plate	1
19	1080000001	Oil cup M10*1 GB1152-1979	2
20	204110014	Lithium base grease	1
21	00663300700001070	Shaft	1
22	00663300700001080	Adjusting pad	2
23	00663300700001090	Brass bush	2
29	00663400700600001	Lower support seat	1
30	00663400700001130	Switchover plate for ACS-600 (130) installation	1
30	00663400700001120	Switchover plate for PTC104 installation	1
30	00663400700001080	Switchover plate for IC3601 installation	1
30	00663400700001060	Switchover plate for IK2001 installation	1
31	00663400700800000	Switchover plate for CCPILLOT installation	1
31	00663400700001070	ST104V5K panel assembly	1
32	1040000217	Bolt M4*16-8.8 GB/T5783-2000	12
33	1040200100	Nut M4-8 GB/T6170-2000	4
34	1040300045	Washer 4-200HV GB/T97.1-2002	12
35	1040300044	Washer 4 GB/T93-1987	12
Note: POS. 25 - 35 are not shown in the drawing.			

OPERATOR'S CAB ELECTRICS
D0066340622000000Y



OPERATOR'S CAB ELECTRICS D0066340622000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663406220600001	Monitoring system assy	1
2	1020400324	LED acoustic control light	1
3	1031700013	Control lever	2
4	1040100052	Screw M6×20-4.8 GB/T818-2000	8
5	1040300051	Washer 6-200HV GB/T97.1-2002	16
6	00663406200600003	Indicating board	1
7	1020200067	Interphone	2
8	1020400099	Controller	1
9	1040100047	Screw M4×20-4.8 GB/T818-2000	6
10	1040300044	Washer 4 GB/T93-1987	6
11	00663406220200001	Wire harness of operator's cab	1
12	1040100064	Screw M3×16-4.8 GB/T818-2000	8
13	1040300046	Washer 3 GB/T93-1987	8
14	1040300047	Washer 3-200HV GB/T97.1-2002	8
15	1029903426	GPS/GPRS on-board terminal	1
16	1029900003	Mobile phone card	1
17	1040100120	Screw M5×10-4.8 GB/T818-2000	4
18	1040300060	Washer 5 GB/T93-1987	4
19	1040300048	Washer 5-200HV GB/T97.1-2002	4
20	00663816200001010	Support for central unit of load moment limiter	1
21	1040200111	Nut M6-8 GB/T6170-2000	6
22	1040300062	Washer 6 GB/T93-1987	6
23	1029900336	CD player	1
24	00663406220400000	Operator's cab components wiring diagram	1
25	1020500239	Foot-operated switch	1
26	00663016210001020	Horn support	1
27	1040000217	Bolt M4×16-8.8 GB/T5783-2000	4
28	1040200100	Nut M4-8 GB/T6170-2000	4
29	00663106210001030	ST104V5K panel assembly	1
30	1031700057	travel gear pedal	2
31	1990200002	Nylon strap 3×100 (black)	20
32	1990200007	Nylon strap 8×350 (black)	15
33	1020500059	Emergency stop button	1
34	1990900004	Emergency stop indicating board	1
35	1020500001	Normally closed contact	1
36	00663046200001020	Sign board	1

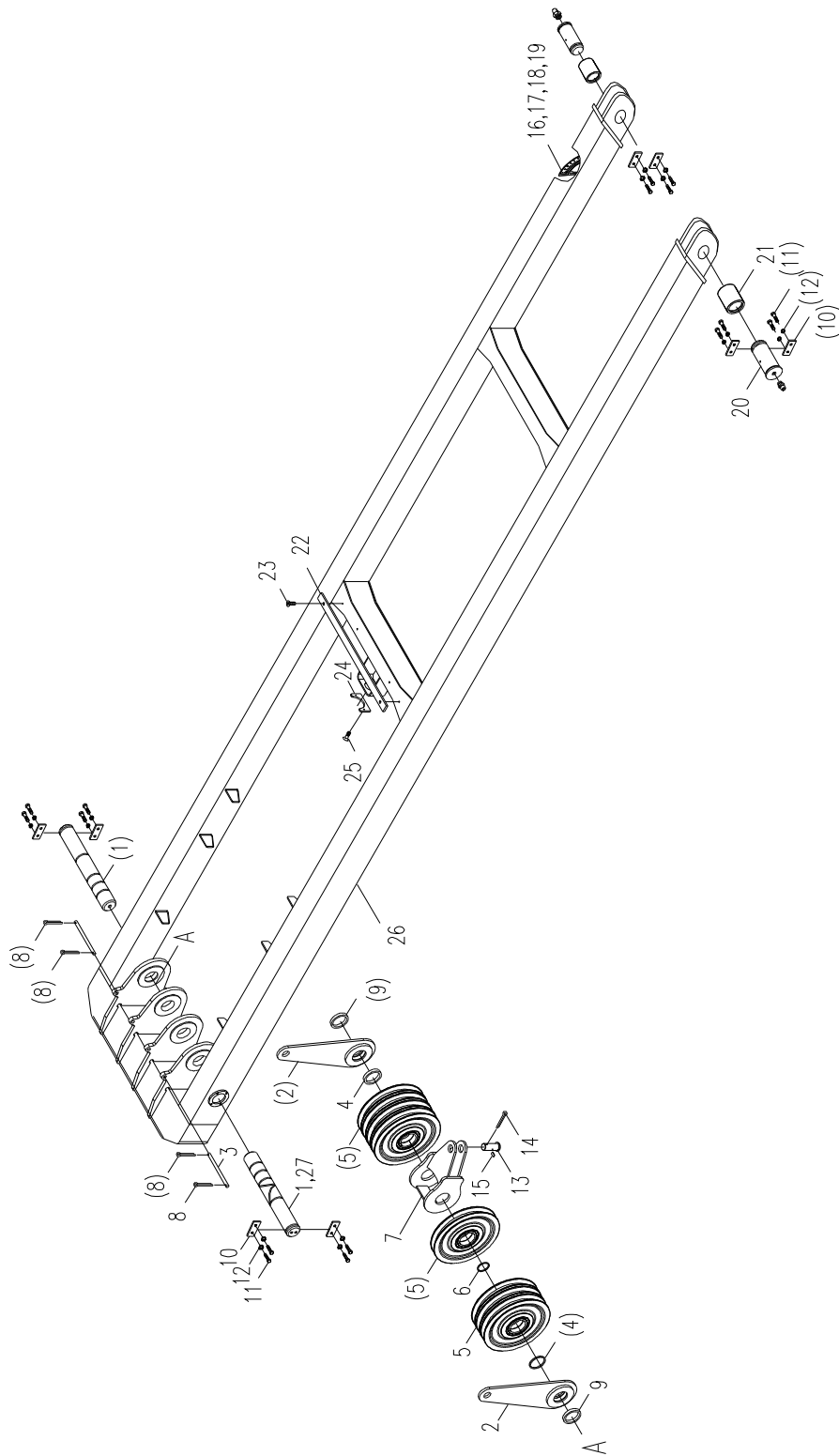


OPERATOR'S CAB ELECTRICS

D0066340622000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
Note: POS. 31 - 35 are not shown in the drawing.			

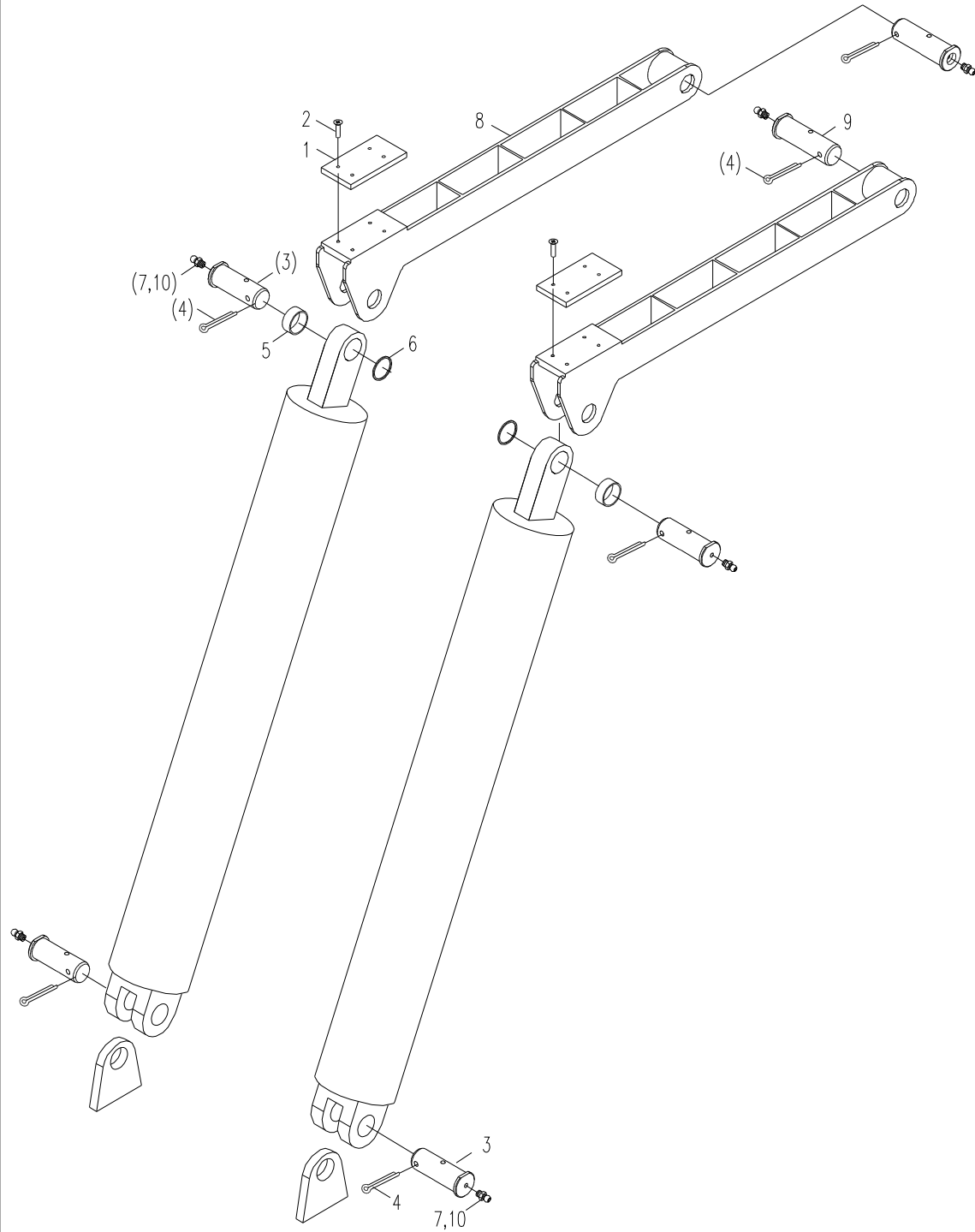
**A-FRAME ASSY.
D00663401800000000Y**





A-FRAME ASSY. D00663401800000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663401800001010	Shaft	2
2	00663401800200000	Anchoring rod seat	2
3	00663401800001210	Pipe	4
4	00663401800001200	Spacing sleeve	2
5	00663302100200002	Pulley assy.	8
6	00663306601001070	Spacing sleeve	10
7	00663401800400000	Supporting seat	1
8	1040500005	Cotter pin 5*45 GB/T91-2000	8
9	00663401800001040	Spacing sleeve	2
10	6340000056	Retaining plate 120	4
11	1040000016	Bolt M16*35-8.8 GB/T5783-2000	8
12	1040300065	Washer 16 GB/T93-1987	8
13	00663401800001050	Pin spindle	1
14	1040500178	Cotter pin 10*80 GB/T91-2000	1
15	00663301900201110	Plate —6	1
16	00663300102200000	Angle indicator	1
17	1040000267	Bolt M8*20-8.8 GB/T5783-2000	2
18	1040200192	Nut M8-8 GB/T6170-2000	2
19	1040300063	Washer 8 GB/T93-1987	2
20	00663301800001170	Cotter pin	2
21	00663301800001180	Brass bush	2
22	00663301800001190	Nylon pad	1
23	1040100243	Screw M10*18-4.8 GB/T819.1-2000	6
24	00663401800001060	Pad	1
25	1040100109	Screw M10*25-4.8 GB/T819.1-2000	4
26	00663401800600000	A-frame	1
27	204110013	Lithium base grease ZL-3	1
28	00663401800800000	A-frame electrical attachments welded	1
29	1990200224	Guide rail L=100 TH-E	5
Note: POS. 27 – 29 are not shown in the drawing.			

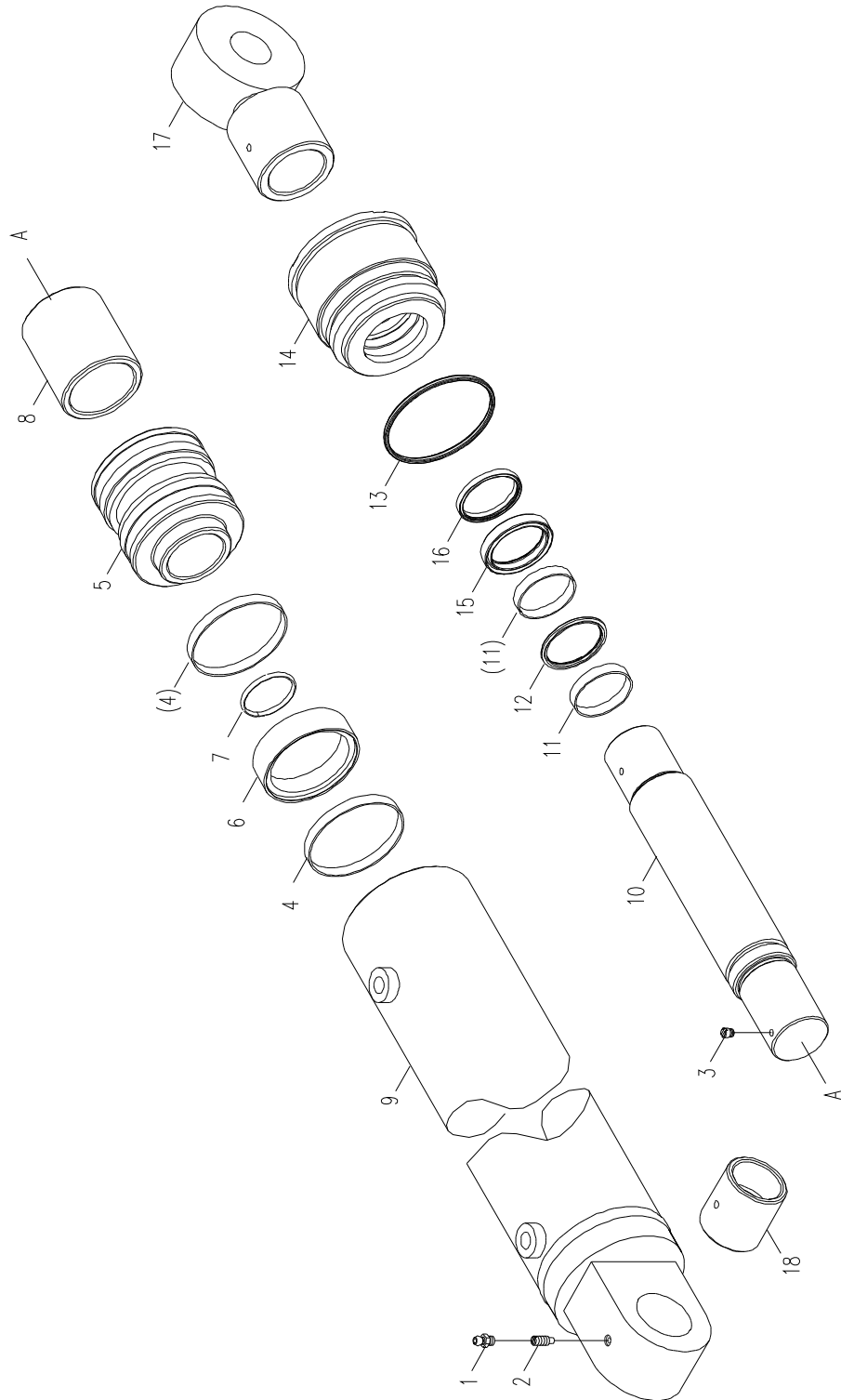
**A-FRAME ERECTION MECHANISM ASSEMBLY
D00663301900000002Y**





A-FRAME ERECTION MECHANISM ASSEMBLY D00663301900000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663301900001050	Pad	2
2	1040100109	Screw M10*25-4.8 GB/T819.1-2000	2
3	00663301900001010	Pin spindle	2
4	1040500178	Cotter pin 10*80 GB/T91-2000	2
5	00663301900001060	Spacing sleeve	4
6	00663301900001070	Spacing sleeve	4
7	1080000001	Oil cup M10*1 GB1152-1979	6
8	00663301900200003	Connecting rod	2
9	00663301900001080	Pin spindle	8
10	204110014	Lithium base grease ZL-2	1

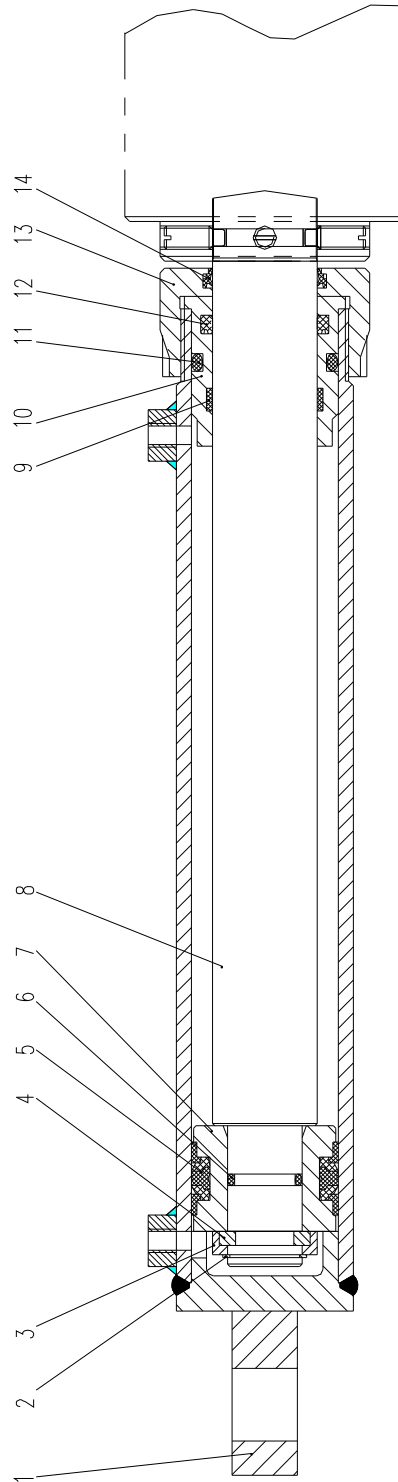
**MOUNTING CYLINDER
D00663403600000001Y**





MOUNTING CYLINDER D00663403600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1080000001	Oil cup M10*1 GB1152-1979	1
2	00663203400001090	Positioning pin	1
3	1040100224	Screw M10*20-22H GB75-1985	2
4	1081400131	Supporting ring GP7301400-C380	2
5	00663403600001010	Piston	1
6	1081000219	D-A-S combination sealing ring PCB1A1400-NCRO	1
7	1081000050	O-ring 80*5.7 GB1235-1976	1
8	00663403600001020	Spacing sleeve	1
9	00663403600200001	Cylinder	1
10	00663403600001030	Piston rod	1
11	1081400099	Supporting ring GR7300800-C380	2
12	1081000212	Step seal RS1300800-T46NA	1
13	1081000028	O-ring 140*5.7 GB1235-1976	1
14	00663403600001040	Guide bush	1
15	1081000381	U-ring 80*95*12.5 RUG600800-Z94	1
16	1081200020	Dust ring 80*88*6 WD1700800-N9	1
17	00663403600001050	Rod end	1
18	00663403600001060	Sleeve	1

**PIVOT SECTION BOLTING CYLINDER
D00663305300000000Y**

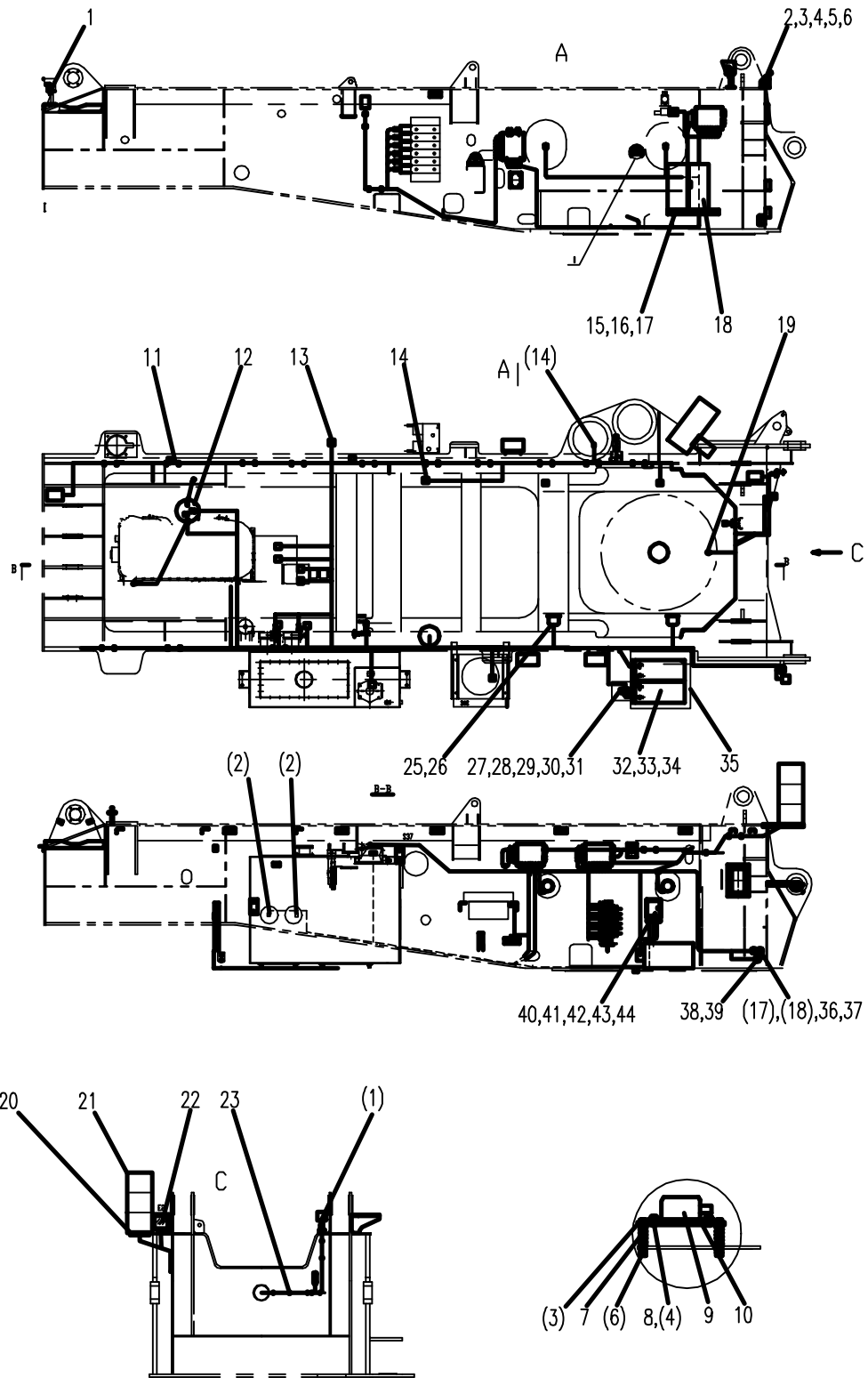




PIVOT SECTION BOLTING CYLINDER D00663305300000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663305300200000	Cylinder	1
2	1040300153	Retainer ring 32 GB/T894.1-1986	1
3	00663303200001030	Sleeve ring	1
4	00663303200001040	Retainer ring	1
5	1081000233	D-A-S combination sealing ring PCB1A0630-NCRO	1
6	1081000052	O-ring 32*3.5 GB1235-1976	1
7	00663305300001010	Piston	1
8	00663305300001030	Piston rod	1
9	1081400115	Support ring GR6900450-C380	1
10	00663305300001020	Guide bush	1
11	1081000027	O-ring 63*5.7 GB1235-1976	1
12	1081000232	U-ring RU3000450-WUAQ3	1
13	00663305300001040	Cover cap	1
14	1081200014	Dust ring 45*53*6 WD1700450-N9	1

SLEWING TABLE ELECTRICS

D0066340634000000Y

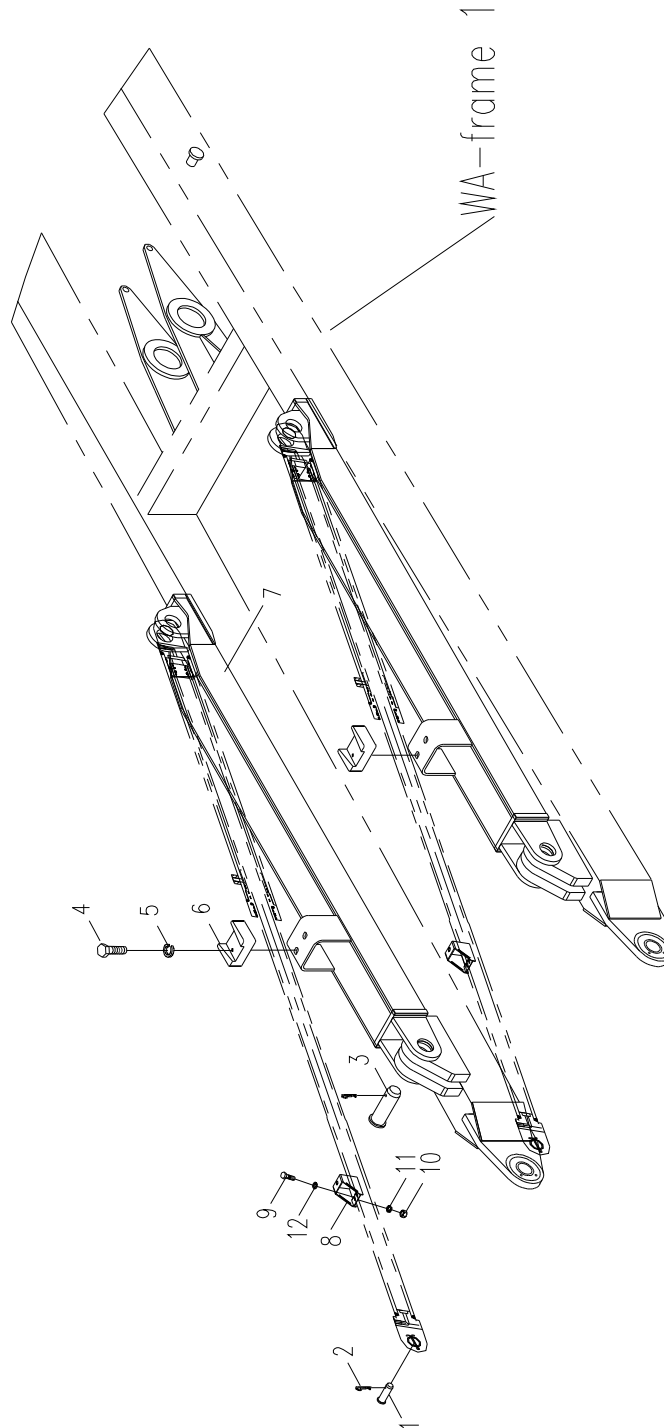


SLEWING TABLE ELECTRICS D0066340634000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663006320600002	Camera installation diagram	2
2	1020500141	Limit switch	1
3	1040000219	Bolt M5×45-8.8 GB/T5783-2000	12
4	1040300048	Washer 5-200HV GB/T97.1-2002	24
5	1040300060	Washer 5 GB/T93-1987	12
6	1040200107	Nut M5-8 GB/T6170-2000	12
7	00663006320001030	Spring	3
8	1040100057	Screw M5×12-4.8 GB/T818-2000	5
9	1021400015	Inclination sensor	1
10	00663006320001020	Sheet	1
11	00663406340200002	Wire harness of slewing table	1
12	00663406340600000	Slewing table components wiring diagram	1
13	1021400248	Fuel level sensor	1
14	1021400049	Pressure sensor	3
15	1040000018	Bolt M8×30-8.8 GB/T5783-2000	4
16	1040300066	Washer 8-200HV GB/T97.1-2002	16
17	1040300063	Washer 8 GB/T93-1987	16
18	00663406340400001	Electrical control box assy. for slewing table	1
19	1020500588	Proximity switch	1
20	00663400500001140	Tricolor light support	1
21	1020400086	LED acoustic control light	1
22	1020400057	Working floodlight	1
23	1990200005	Nylon strap	50
24	1020500089	Limit switch	2
25	1020500136	Over lowering switch	2
26	1040100004	Screw M6×16-4.8 GB/T818-2000	6
27	1029900085	Main power switch	1
28	1040000132	Bolt M10×16-8.8 GB/T5783-2000	4
29	1040300067	Washer 10 GB/T93-1987	4
30	1040300061	Washer 10-200HV GB/T97.1-2002	4
31	1040200113	Nut M10-8 GB/T6170-2000	4
32	1020900004	Lead-acid battery	2
33	1020600086	Positive pole of battery terminal	4
34	1020600087	Negative pole of battery terminal	2
35	1020900005	Battery support assy	1
36	1029900063	Basin electric horn	1

SLEWING TABLE ELECTRICS			
D00663406340000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
37	1040000288	Bolt M8×25-8.8 GB/T5783-2000	4
38	1020400228	Alarm	1
39	1040100063	Screw M4×12-4.8 GB/T818-2000	36
40	1020500654	Battery master switch	1
41	1040000109	Bolt M6×16-8.8 GB/T5783-2000	8
42	1040300062	Washer 6 GB/T93-1987	16
43	1040300051	Washer 6-200HV GB/T97.1-2002	8
44	1040200111	Nut M6-8 GB/T6170-2000	6
45	1021400292	Pressure sensor	1
46	1990200004	Nylon strap	50
47	1990200007	Nylon strap	50
48	1020700450	Corrugated pipe	1
Note: POS. 45 - 48 are not shown in the drawing.			



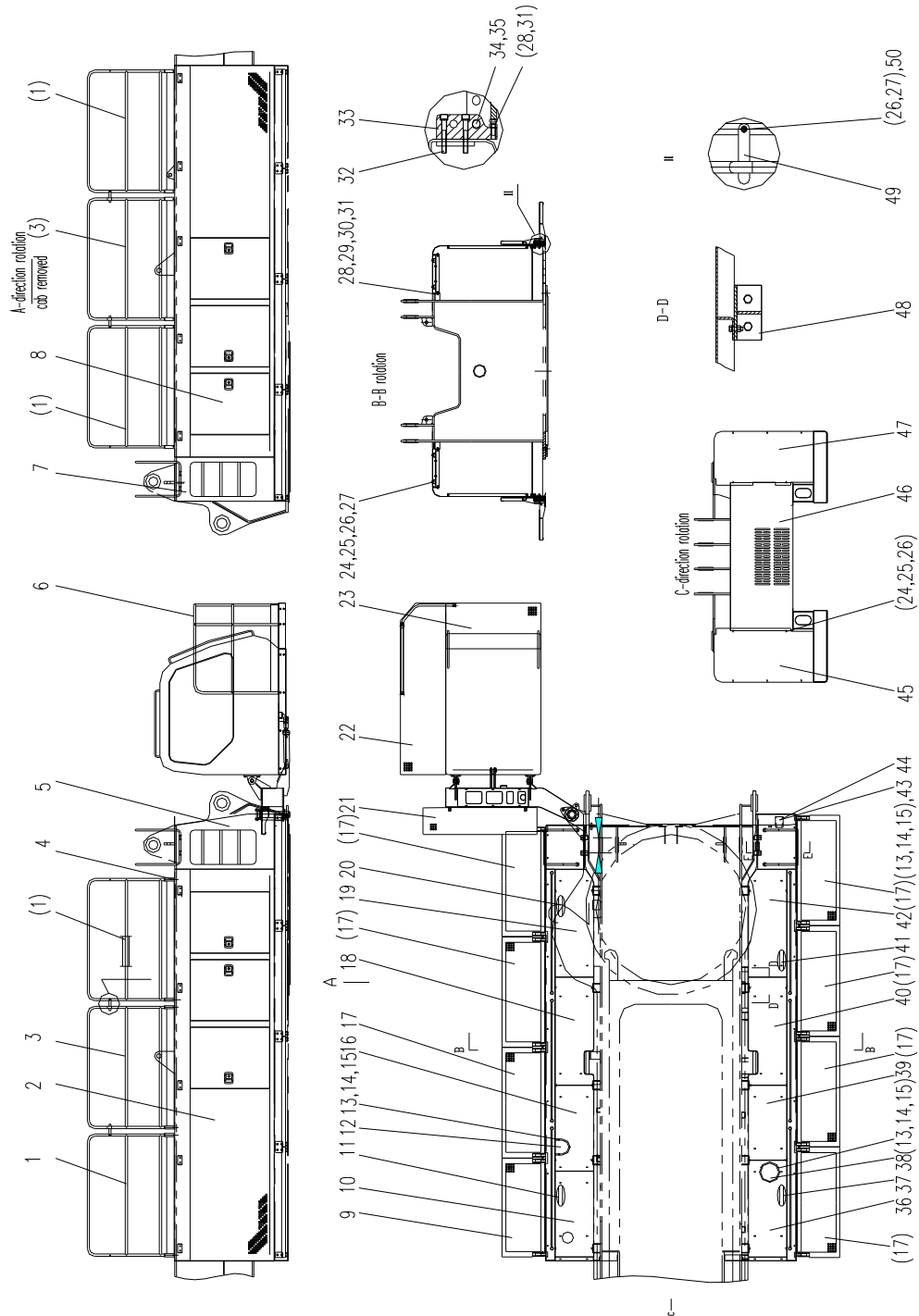
**ACCUMULATOR CYLINDER ASSEMBLY
D00663403101000000Y**





ACCUMULATOR CYLINDER ASSEMBLY D00663403101000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663013100401010	Pin spindle	4
2	6340000001	Retaining spring (D40,45)	6
3	00663604900201070	Pin spindle	2
4	1040000116	Bolt M10*20-8.8 GB/T5783-2000	4
5	1040300067	Washer 10 GB/T93-1987	4
6	00663403101001010	Nylon pad	2
7	00663403101010000	Support	2

BOARDING ASSEMBLY D0066340050000002Y





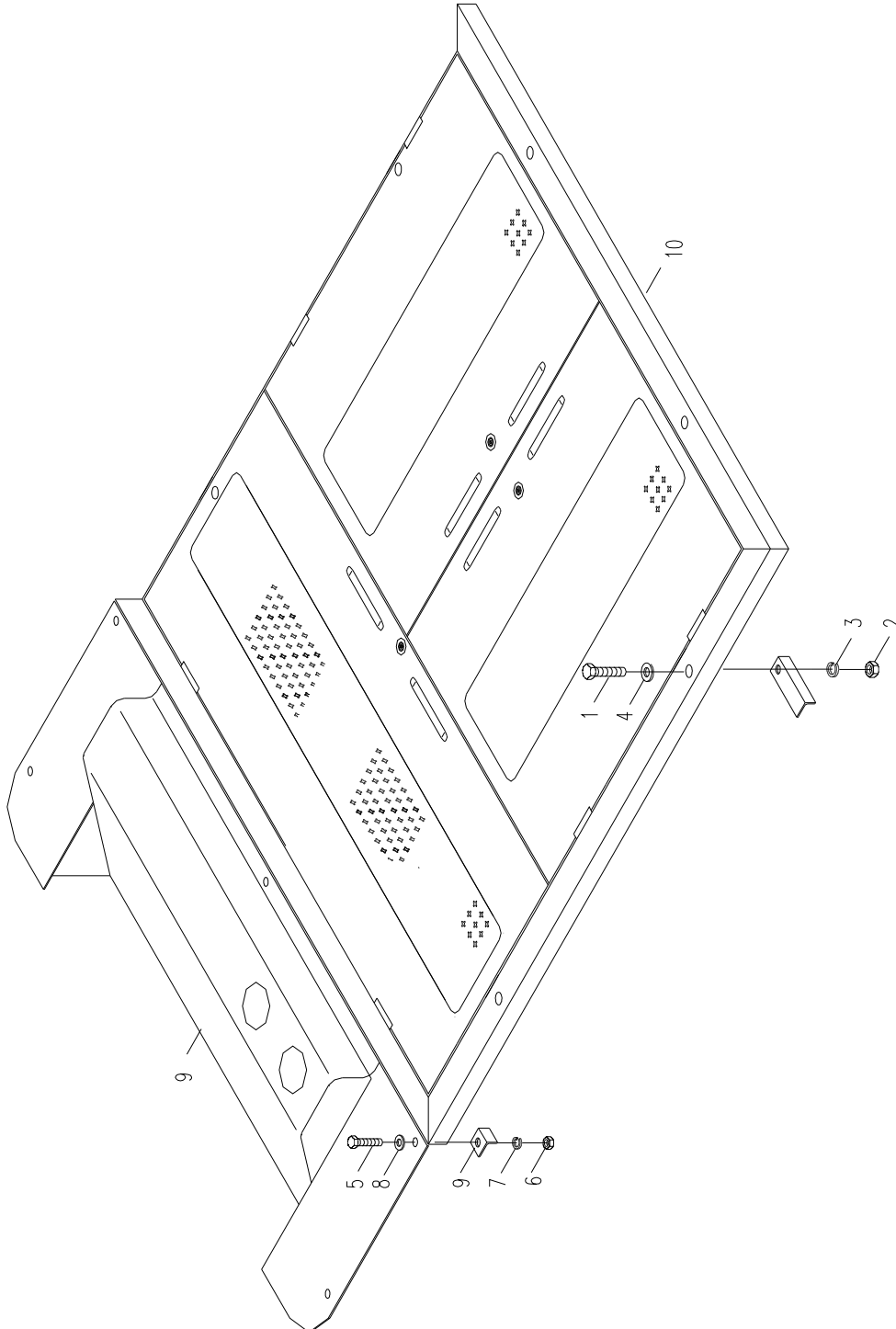
BOARDING ASSEMBLY D00663400500000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663400502000001	Guardrail	4
2	1991900061	Right hood QUY260-05-2	1
3	00663400502400000	Guardrail	2
4	00663400502200000	Retaining spring	12
5	1991900063	Right hood, front section QUY260-05-4	1
6	00663400501800000	Cab guardrail	1
7	1991900062	Left hood, front section QUY260-05-3	1
8	1991900060	Left hood QUY260-05-1	1
9	00663500502200000	Platform	1
10	00663400500001010	Aluminum panel	1
11	00663400500400000	Frame	1
12	00663400500001120	Cover plate	1
13	1040000233	Bolt M6*30-8.8 GB/T5782-2000	8
14	1040300051	Washer 6-200HV GB/T97.1-2002	8
15	1040300062	Washer 6 GB/T93-1987	8
16	00663400500001020	Aluminum panel	1
17	00663500501800000	Platform	7
18	00663400500001030	Aluminum panel	1
19	00663400500001040	Aluminum panel	1
20	00663400500600000	Frame	1
21	1991900011	Platform, swivel arm QUY260-05-9	1
22	1991900012	Right platform QUY260-05-8	1
23	1991900000	Front platform QUY260-05-7	1
24	1040000288	Bolt M8*25-8.8 GB/T5783-2000	68
25	1040300063	Washer 8 GB/T93-1987	72
26	1040300066	Washer 8-200HV GB/T97.1-2002	140
27	1040200192	Nut M8-8 GB/T6170-2000	72
28	1040000108	Bolt M12*30-8.8 GB/T5783-2000	116
29	1040300054	Washer 12 GB/T93-1987	98
30	1040300041	Washer 12-200HV GB/T97.1-2002	196
31	1040200096	Nut M12-8 GB/T6170-2000	116
32	1040100519	Screw M12*80-8.8 GB/T70.1-2000	32
33	00663400500001150	Plate	16
34	00663500500001040	Cotter pin	34
35	6340000032	Retaining spring (D16,18,20)	34



BOARDING ASSEMBLY D00663400500000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
36	00663400500001100	Aluminum panel	1
37	00663400501000000	Frame	1
38	00663400500001130	Cover plate	1
39	00663400500001090	Aluminum panel	1
40	00663400500001080	Aluminum panel	1
41	00663400500800000	Frame	1
42	00663400500001070	Aluminum panel	1
43	1040200111	Nut M6-8 GB/T6170-2000	2
44	00663400500001141	Tricolor light mounting bracket	1
45	00663400500001061	Rear left seal plate	1
46	00663400500001110	Rear seal plate	1
47	00663400500001051	Rear right seal plate	1
48	00663400500200000	Support	10
49	00663100500001090	Plate	4
50	1040100060	Screw M8*60-8.8 GB/T70.1-2000	4



**CUMMINS ENGINE HOUSING ASSEMBLY
D00663405100000001Y**





CUMMINS ENGINE HOUSING ASSEMBLY D00663405100000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000145	Bolt M16×80-8.8 GB/T5783-2000	6
2	1040200110	Nut M16-8 GB/T6170-2000	6
3	1040300065	Washer 16 GB/T93-1987	6
4	1040300052	Washer 16-200HV GB/T97.1-2002	6
5	1040000077	Bolt M8×40-8.8 GB/T5783-2000	2
6	1040200192	Nut M8-8 GB/T6170-2000	2
7	1040300063	Washer 8 GB/T93-1987	2
8	1040300066	Washer 8-200HV GB/T97.1-2002	2
9	00663305100001050	Expansion water tank cover	1
10	1009900014	Engine housing	1

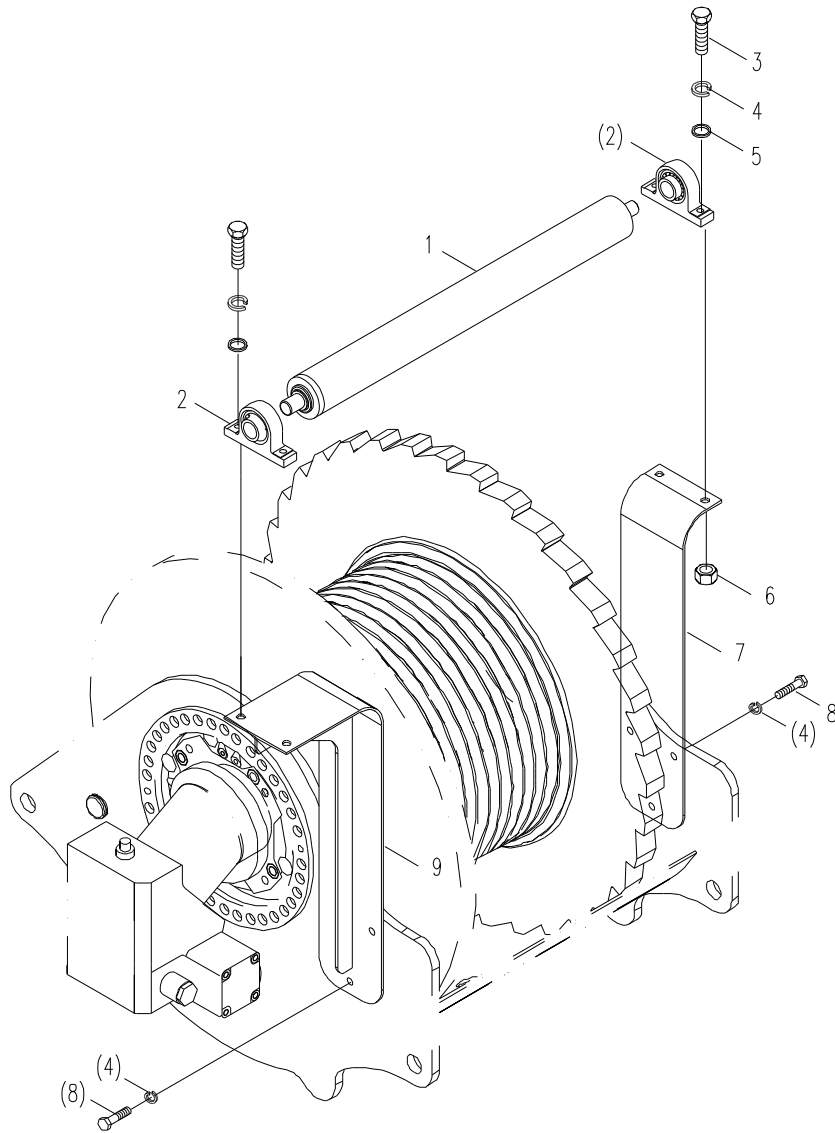
Technical drawing of the slewing table assembly, showing the internal structure, bearings, and the slewing table itself. The drawing includes a label "slewing table" pointing to the main rotating platform.





MAIN BOOM DERRICKING WINCH D00663402000200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000141	Bolt M24*80-8.8 GB/T5782-2000	40
2	1040300049	Washer 24 GB/T93-1987	40
3	00663402000201010	Support	1
4	1030200176	Winch reducer and motor GFT80W3B127-07+A2FE107*+BVD25*	1
5	00663402000201020	Support	1
6	00663003100401010	Pin spindle	4
7	1040500047	Cotter pin 5*70 GB/T91-2000	4
8	00663302000001010	Rope lock	2
9	00663302000001020	Rope thimble	2
10	00663302000001051	Pin spindle	2
11	00663302000001060	Washer	2
12	6340000006	Retaining spring (D50, 55)	2
13	1090100019	Rope clamp 28 GB5976-1986	6
14	00663402000210000	Threaded rod	3
15	1040200205	Nut M36*3-04 GB/T6173-2000	12
16	204110014	Lithium base grease ZL-2	1
17	204050019	Industrial closed gear oil L-CKD220 GB5903-1995	1
18	202230016	Loctite glue 262	1
Note: POS. 16 – 18 are not shown in the drawing.			

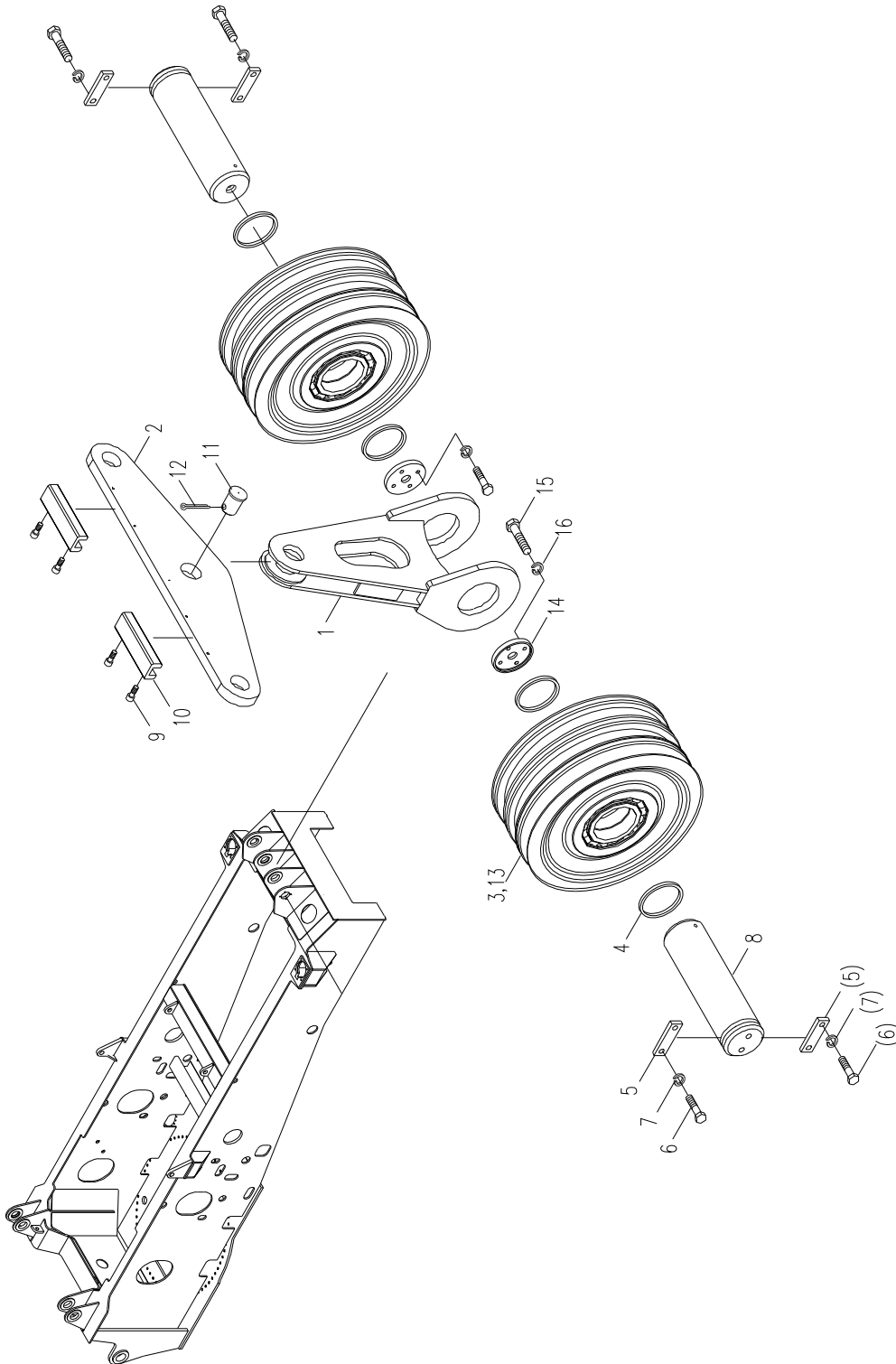
ROPE SUPPORT ASSEMBLY
D00663402000600000Y





ROPE SUPPORT ASSEMBLY D00663402000600000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300102010000	Rope support	4
2	1050200136	Bearing 290507 GB3882-1987	10
3	1040000169	Bolt M12*45-8.8 GB/T5783-2000	6
4	1040300054	Washer 12 GB/T93-1987	4
5	1040300041	Washer 12-200HV GB/T97.1-2002	4
6	1040200096	Nut M12-8 GB/T6170-2000	1
7	00663402000610000	Rope support bracket	2
8	1040000108	Bolt M12*30-8.8 GB/T5783-2000	1
9	00663402000620000	Rope support bracket	1

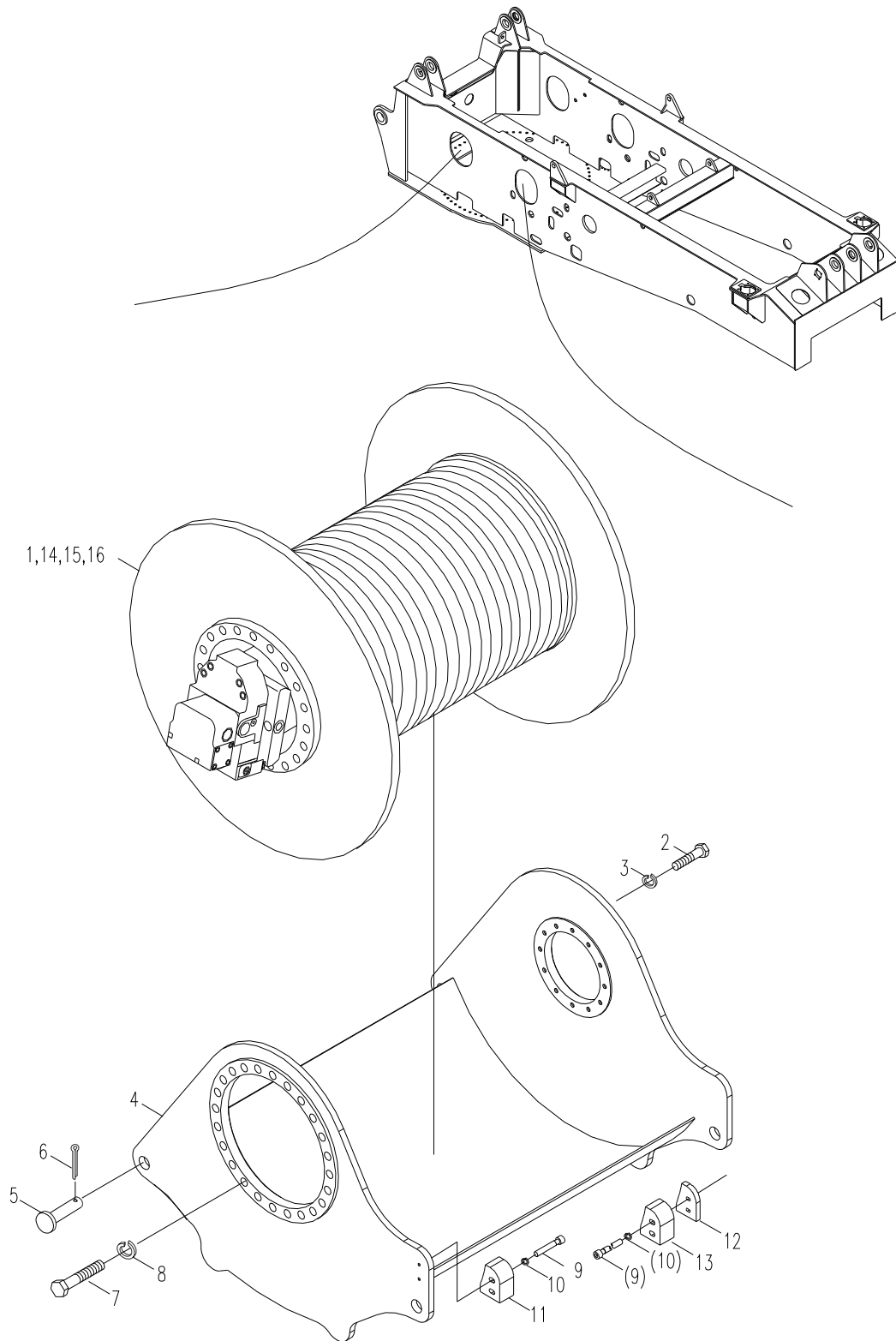
DERRICKING CROWN BLOCK
D0066330210000002Y





DERRICKING CROWN BLOCK D00663302100000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663302100001030	Balance beam	1
2	00663302100600000	Reducing anchoring rod	1
3	00663302100200002	Pulley assy.	6
4	00663306601001070	Spacing sleeve	8
5	6340000056	Retaining plate 120	4
6	1040000016	Bolt M16*35-8.8 GB/T5783-2000	8
7	1040300065	Washer 16 GB/T93-1987	8
8	00663302100001041	Shaft	2
9	1040100069	Screw M8*20-8.8 GB/T70.1-2000	4
10	00663302100001050	Pad	2
11	00663302100001060	Pin spindle	1
12	1040500178	Cotter pin 10*80 GB/T91-2000	1
13	204110014	Lithium base grease ZL-2	1
14	00663302100001070	Retaining plate	2
15	1040000114	Bolt M10*25-8.8 GB/T5783-2000	8
16	1040300067	Washer 10 GB/T93-1987	8

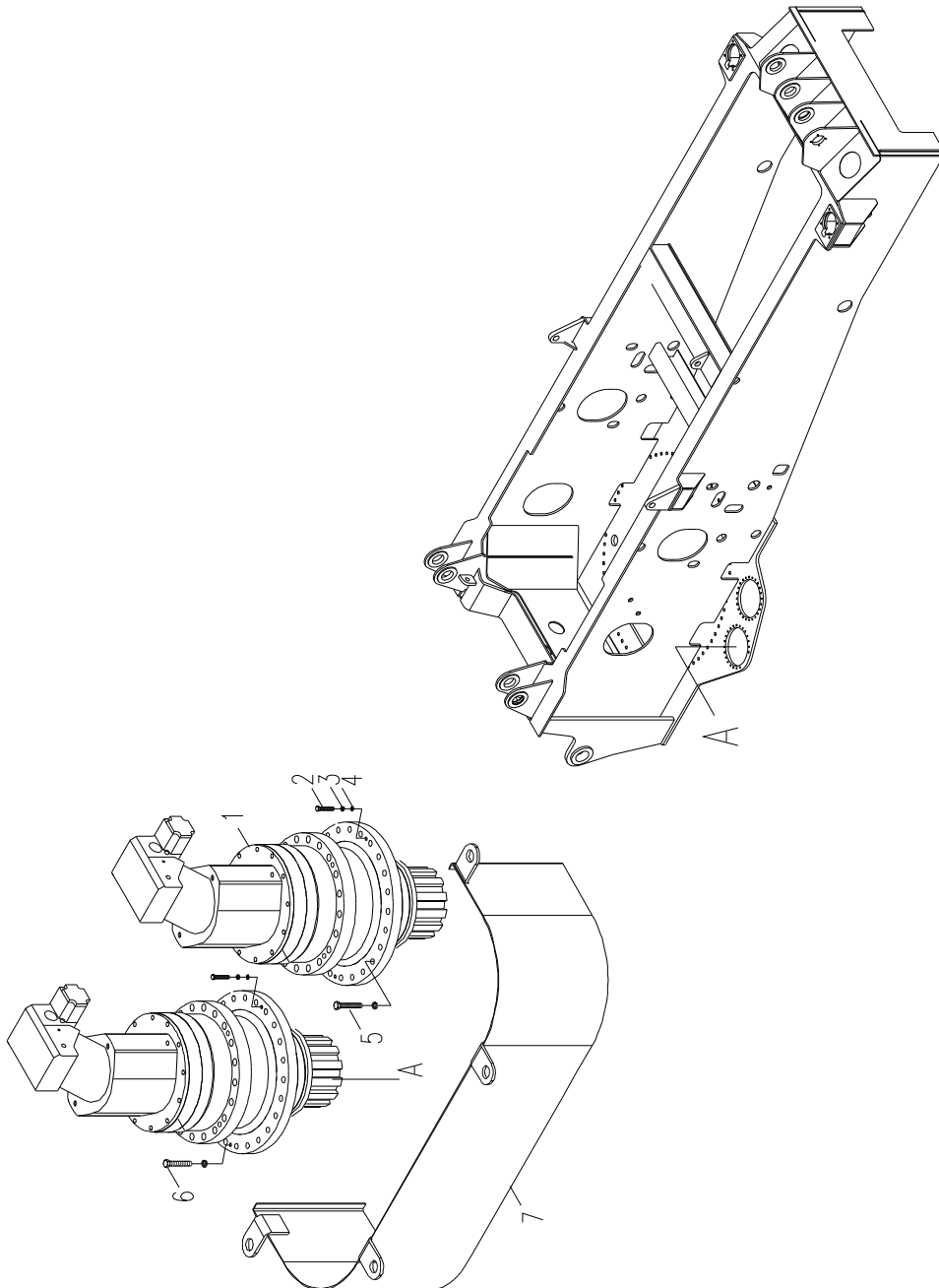
**HOISTING WINCH
D0066340350000002Y**





HOISTING WINCH D00663403500000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1030200176	Winch reducer + motor	1
2	1040000198	Bolt M16×50-8.8 GB/T5783-2000	12
3	1040300065	Washer 16 GB/T93-1987	12
4	00663403500200001	Support	1
5	00663003100401010	Pin spindle	4
6	1040500047	Cotter pin 5×70 GB/T91-2000	4
7	1040000141	Bolt M24×80-8.8 GB/T5782-2000	24
8	1040300049	Washer 24 GB/T93-1987	24
9	1040100284	Screw M10×85-8.8 GB/T70.1-2000	4
10	1040300067	Washer 10 GB/T93-1987	4
11	00663403500001020	Retaining plate	1
12	00663403500001030	Pad	1
13	00663403500001040	Retaining plate	1
14	204110014	Lithium base grease	1
15	204050019	Industrial closed gear oil	1
16	202230016	Loctite glue	1
Note: POS. 14 – 16 are not shown in the drawing.			

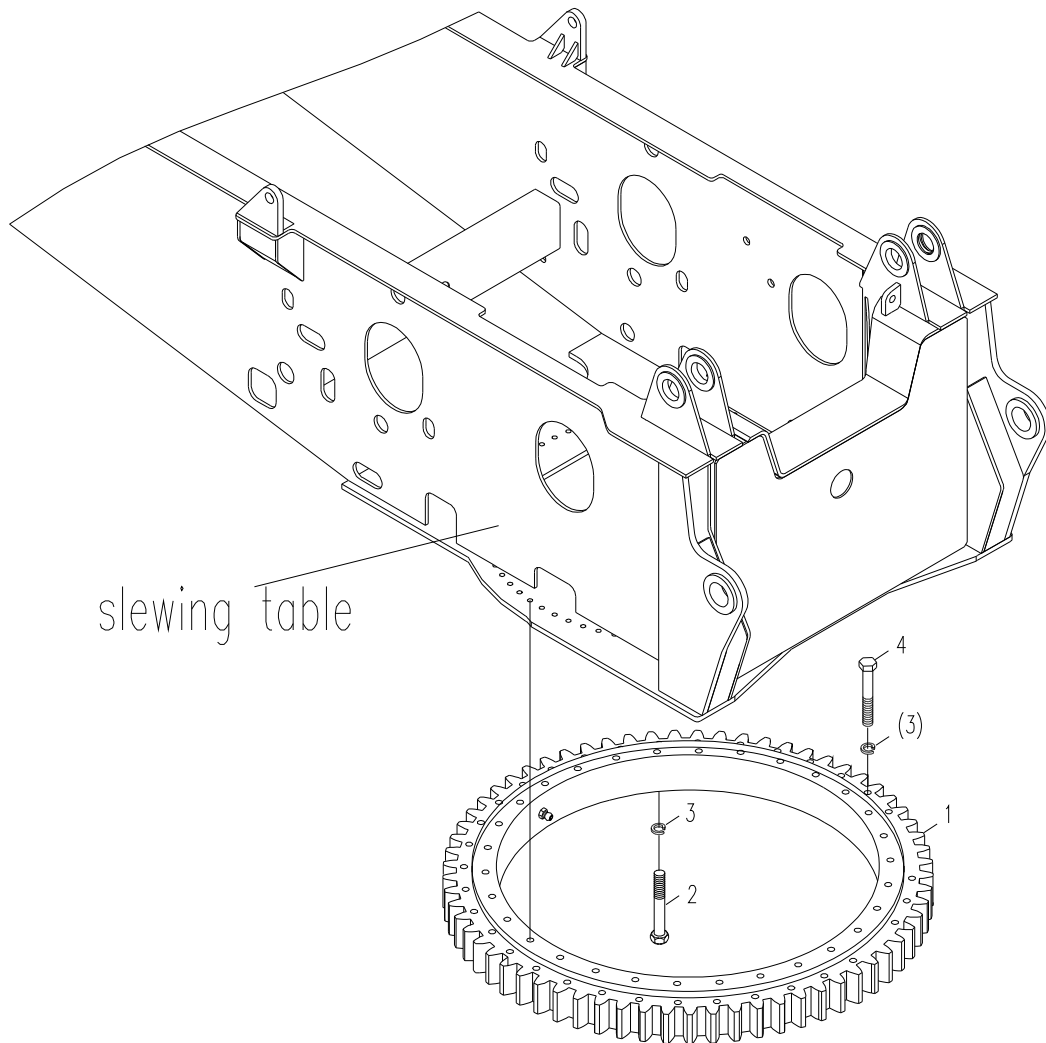
**SLEWING MECHANISM
D00663304400000003Y**





SLEWING MECHANISM D00663304400000003Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1030200487	Slewing reducer and motor	2
2	1040000190	Bolt M16*90-8.8 GB/T5783-2000	4
3	1040300065	Washer 16 GB/T93-1987	44
4	1040200110	Nut M16-8 GB/T6170-2000	4
5	1040000209	Bolt M16*70-8.8 GB/T5783-2000	36
6	00663104400001010	Bolt	8
7	00663304400400000	Protective cover	1
8	202230025	1277 thread sealant	1
9	204050019	Industrial closed gear oil L-CKD220 GB5903-1995	2
10	1040300028	Washer 18 GB/T93-1987	8
Note: POS. 8 – 10 are not shown in the drawing.			

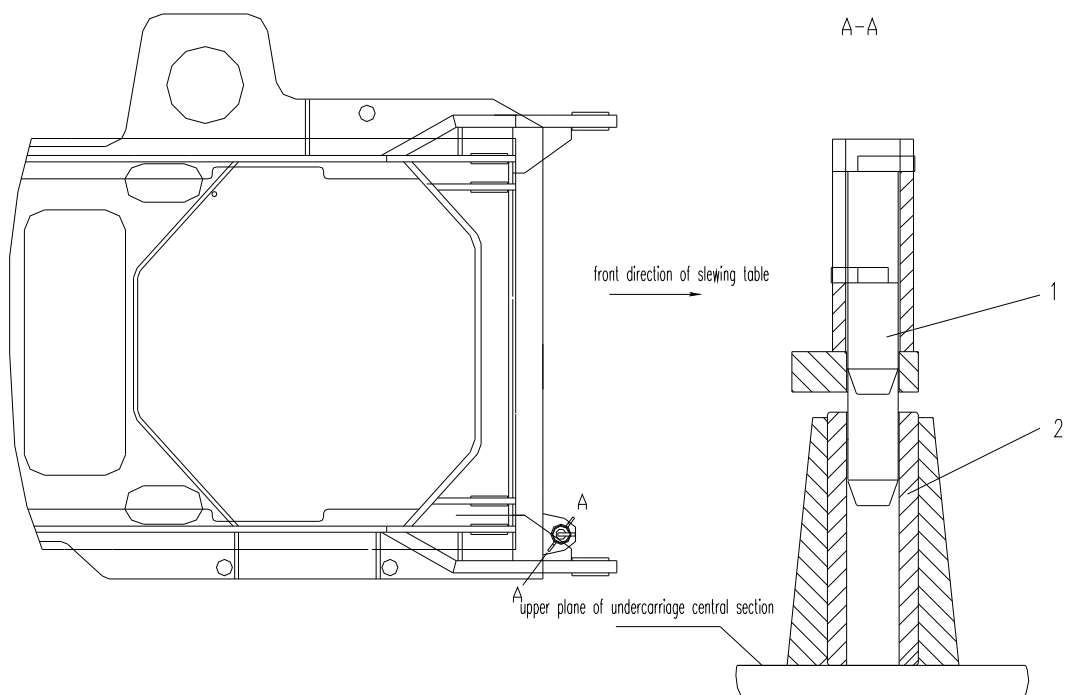
**SLEWING RING ASSEMBLY
D0066340450000000Y**





SLEWING RING ASSEMBLY D00663404500000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1031500001	Slewing ring 131.45.2200.002.4122	1
2	1040000405	Bolt M33*270-10.9 GB/T5782-2000	72
3	1040300190	Washer 33 GB/T1230-1991	144
4	1040000388	Bolt M33*255-10.9 GB/T5782-2000	72
5	202230025	1277 threaded seal glue	1
Note: POS. 5 is not shown in the drawing.			

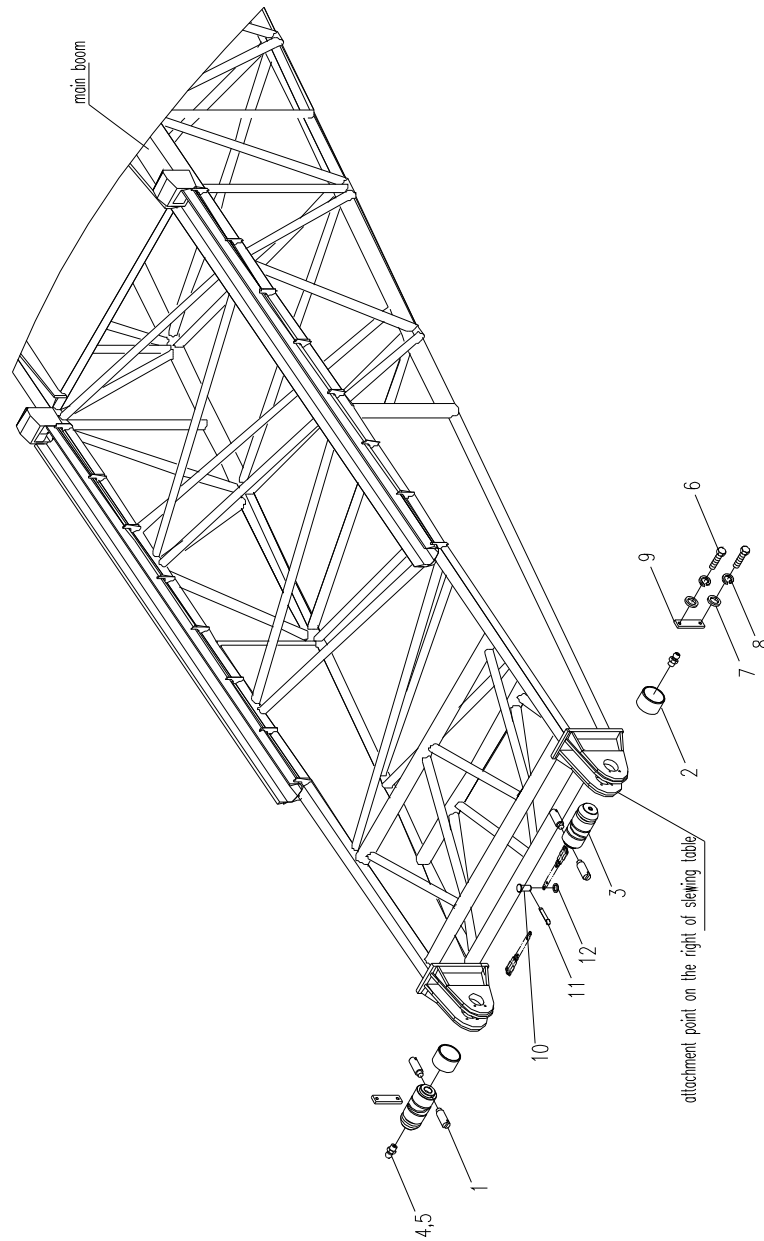
**FIXING DEVICE FOR SLEWING TABLE
D00663304700200001Y**





FIXING DEVICE FOR SLEWING TABLE D00663304700200001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663304700220000	Pin spindle	1
2	00663304700210001	Seat	2

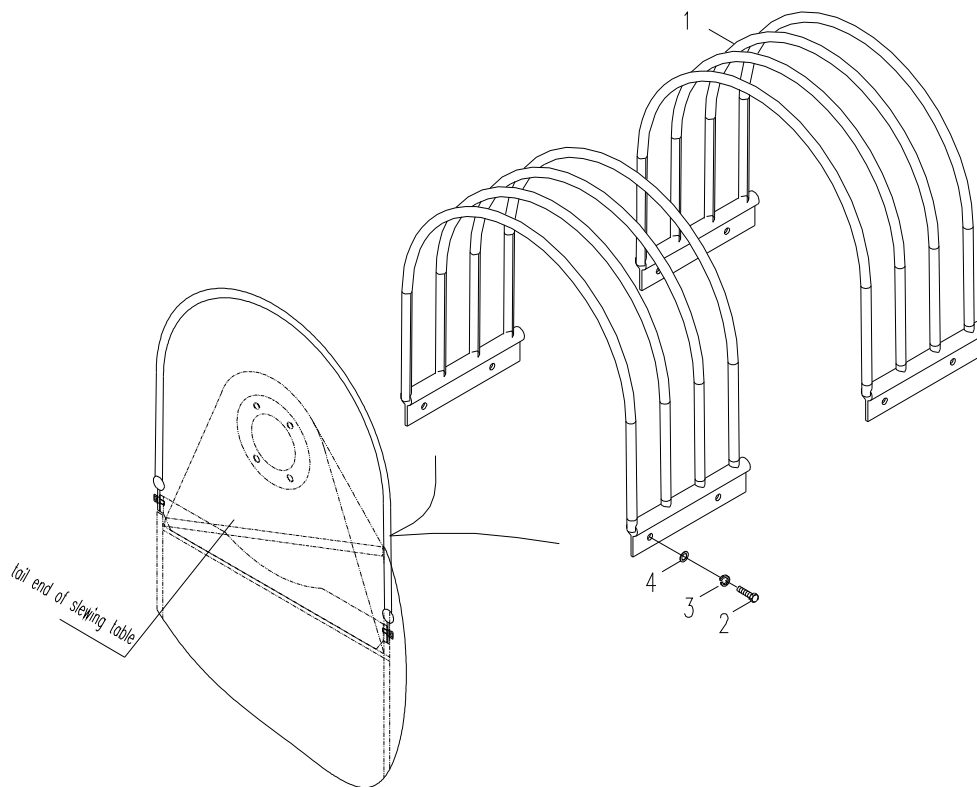
**MAIN BOOM ASSEMBLY
D00663304700400001Y**





MAIN BOOM ASSEMBLY D00663304700400001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040100226	Screw M10*20*5-33H GB829-1988	8
2	00663304700401010	Brass bush	2
3	00663304700401021	Shaft	2
4	1080000001	Oil cup M10*1 GB1152-1979	2
5	204110014	Lithium base grease ZL-2	1
6	1040000082	Bolt M16*40-8.8 GB/T5783-2000	4
7	1040300052	Washer 16-200HV GB/T97.1-2002	4
8	1040300010	Washer 30 GB/T93-1987	4
9	00663304700401030	Plate	2
10	00663304700401040	Pin spindle	2
11	1040500040	Cotter pin 6.3*50 GB/T91-2000	2
12	1040300074	Washer 30-200HV GB/T97.1-2002	2

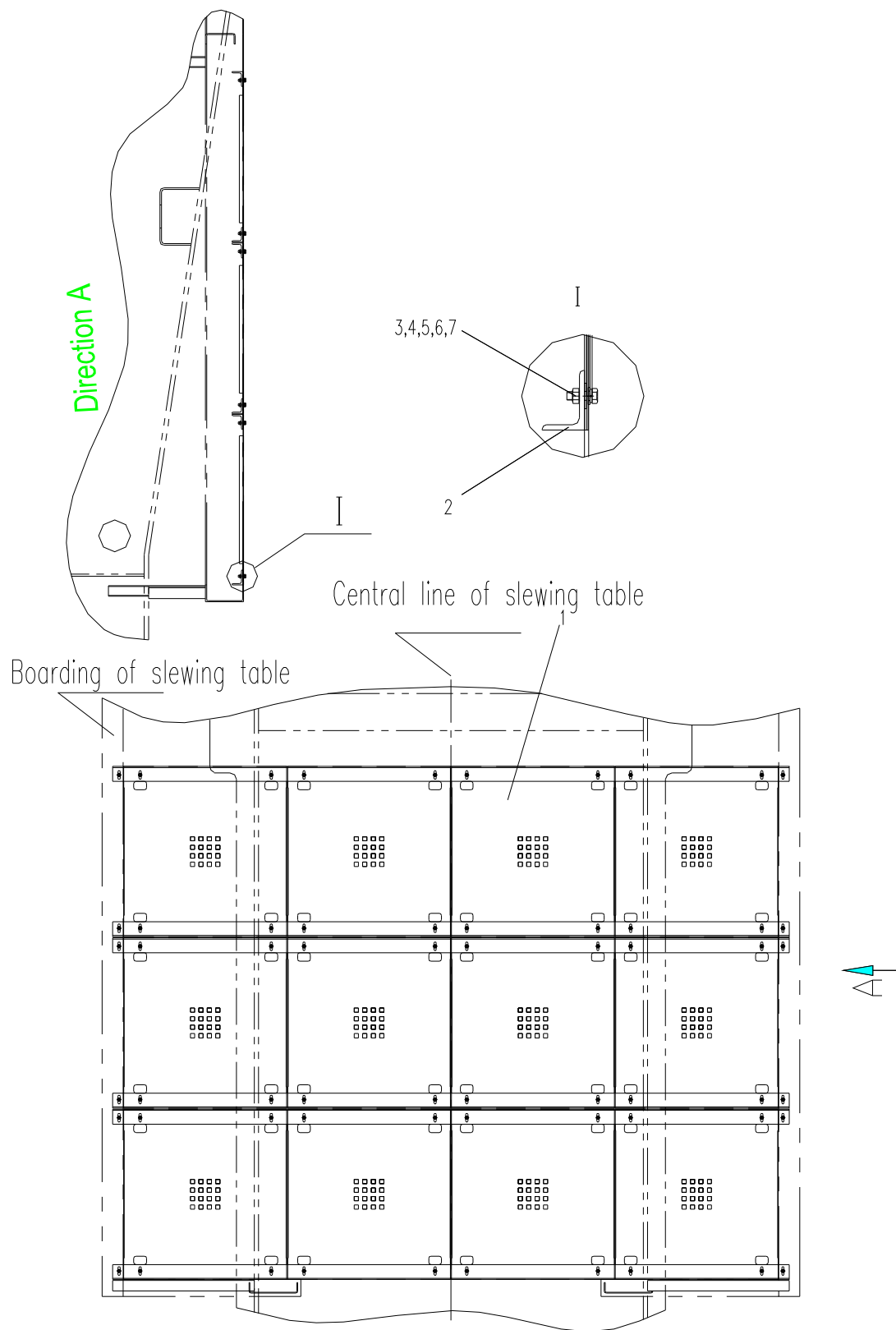
**ROPE PROTECTIVE COVER ASSEMBLY
D00663304701200002Y**





ROPE PROTECTIVE COVER ASSEMBLY D00663304701200002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663304701210000	Rope protective cover	2
2	1040000116	Bolt M10*20-8.8 GB/T5783-2000	8
3	1040300067	Washer 10 GB/T93-1987	8
4	1040300061	Washer 10-200HV GB/T97.1-2002	8

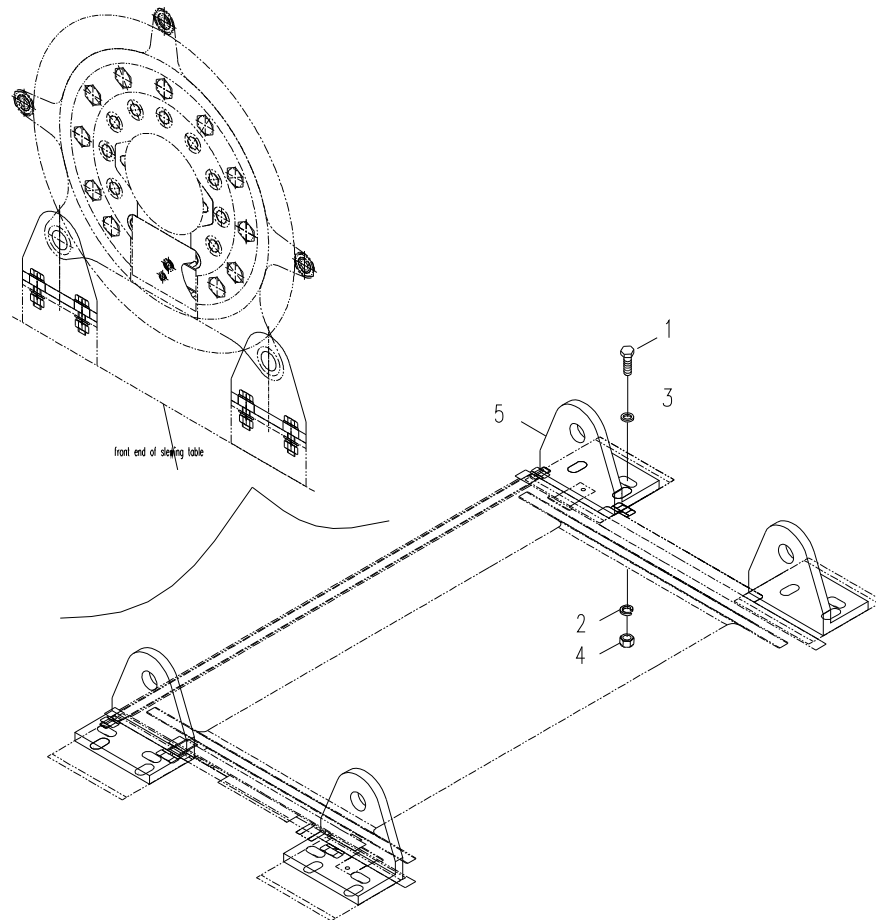
SLEWING TABLE SEAL PLATE ASSEMBLY D00663404700400000Y





SLEWING TABLE SEAL PLATE ASSEMBLY D00663404700400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663404700401010	Seal plate	12
2	00663404700401020	Cross beam	6
3	1040000122	Bolt M10*35-8.8 GB/T5783-2000	60
4	1040200113	Nut M10-8 GB/T6170-2000	60
5	1040300061	Washer 10-200HV GB/T97.1-2002	60
6	1040300027	Washer 10-140HV GB/T96.1-2002	60
7	1040300067	Washer 10 GB/T93-1987	60

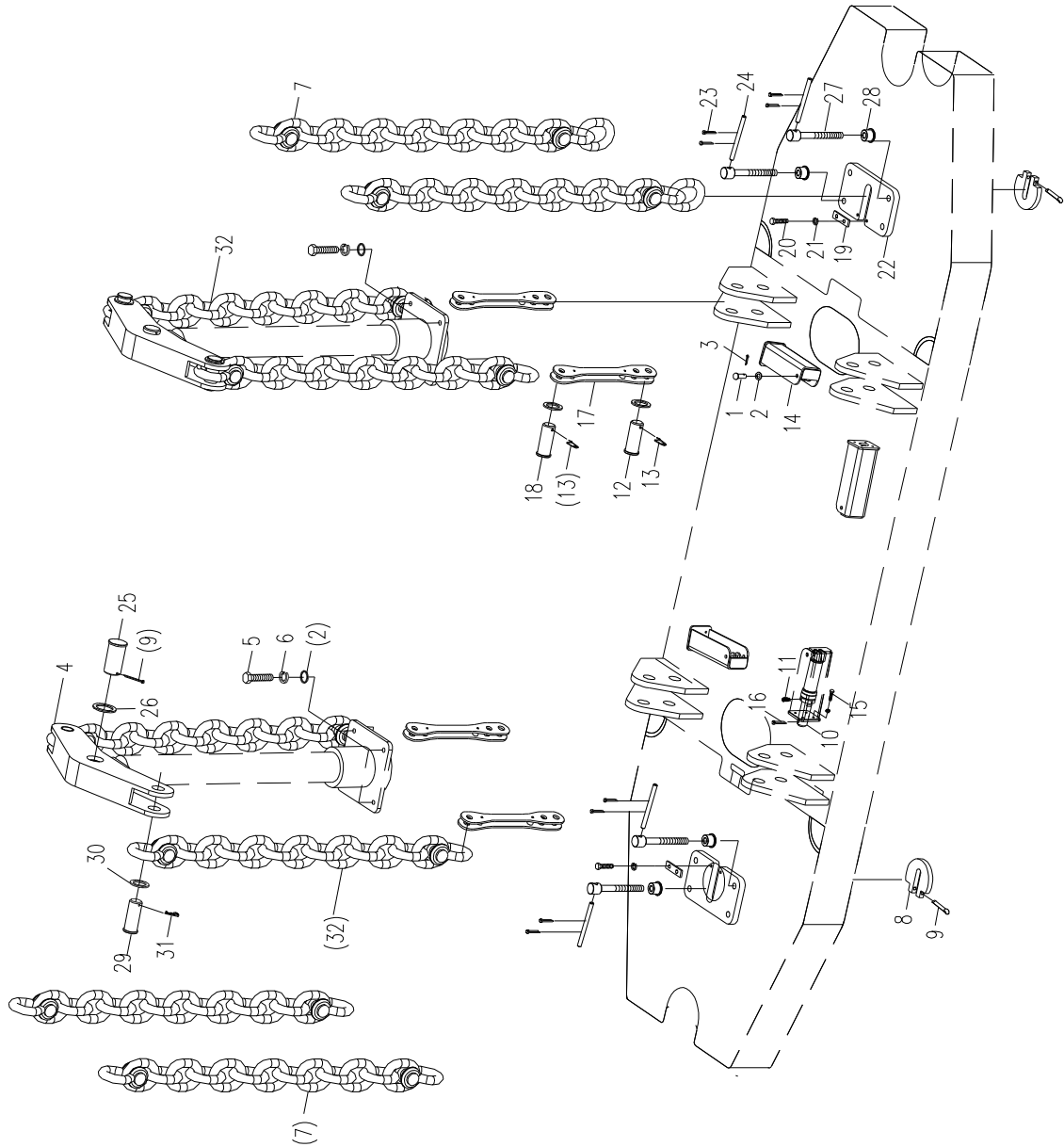
**REEVING WINCH ASSEMBLY
D00663404700600000Y**





REEVING WINCH ASSEMBLY D00663404700600000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000122	Bolt M10*35-8.8 GB/T5783-2000	8
2	1040300061	Washer 10-200HV GB/T97.1-2002	16
3	1040300067	Washer 10 GB/T93-1987	8
4	1040200113	Nut M10-8 GB/T6170-2000	8
5	00663404700601010	Mounting support	4

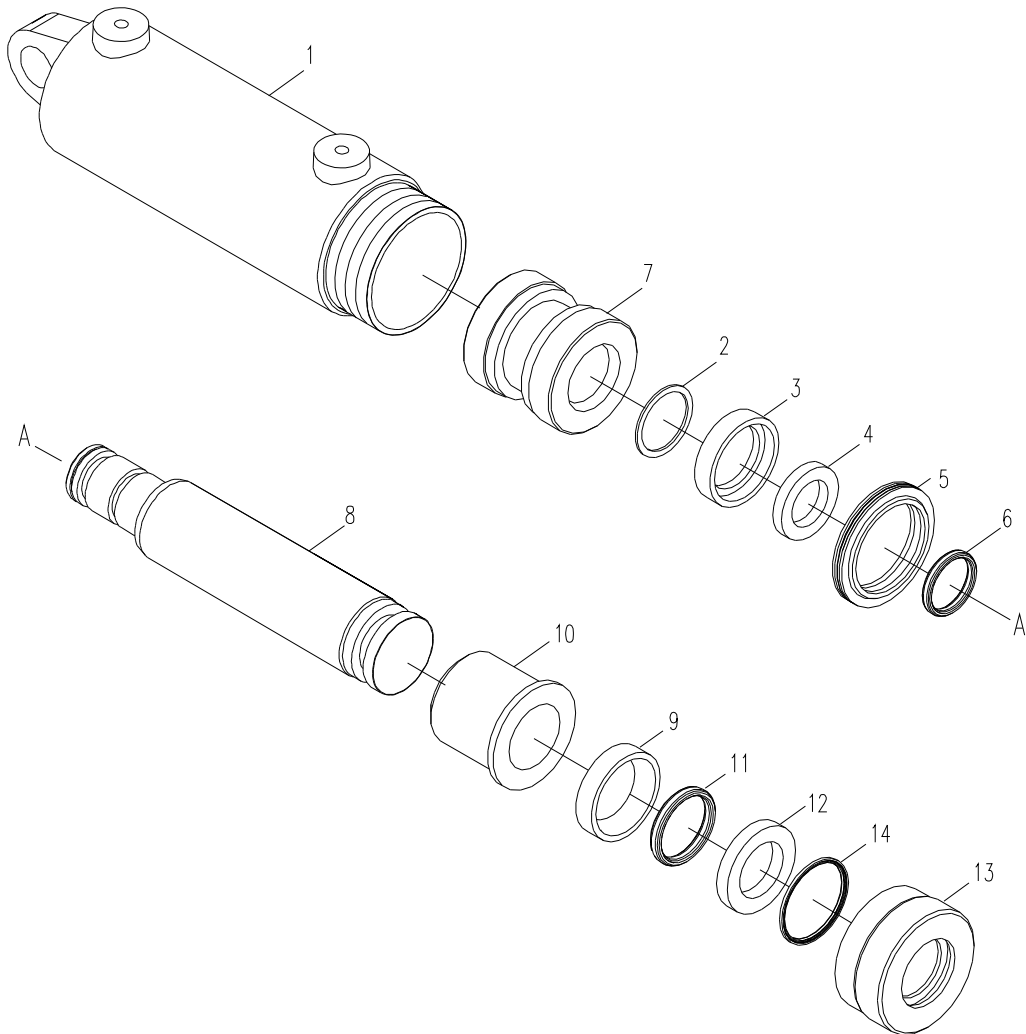
COUNTERWEIGHT ASSEMBLY
D0066340491000000Y





COUNTERWEIGHT ASSEMBLY D00663404910000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040500034	Pin spindle B20×60 GB/T882-1986	4
2	1040300106	Washer 20-200HV GB/T97.1-2002	12
3	1040500005	Cotter pin 5×45 GB/T91-2000	4
4	00663404900200000	Support beam	2
5	1040000089	Bolt M20×80-8.8 GB/T5782-2000	8
6	1040300038	Washer 20 GB/T93-1987	8
7	1090100011	Lifting sling φ22×66 ST095-22*66*2948	2
8	00663404910001010	Retaining plate	2
9	1040500179	Cotter pin 10×120 GB/T91-2000	4
10	00663304900001031	Pin spindle	4
11	00663304900001060	Screw	16
12	00663404910001020	Shaft	8
13	00663300100001230	Retaining pin	12
14	00663404900400000	Oil cylinder support	4
15	1040000068	Bolt M10×50-8.8 GB/T5782-2000	16
16	1040500186	Cotter pin 10×90 GB/T91-2000	4
17	00663404910200000	Anchoring rod	4
18	00663404910001030	Shaft	4
19	00663604900201050	Retaining plate	2
20	1040000122	Bolt M10×35-8.8 GB/T5783-2000	4
21	1040300067	Washer 10 GB/T93-1987	8
22	00663604900201030	Plate	2
23	1040500003	Cotter pin 2.5×30 GB/T91-2000	4
24	00663604900201040	Round stick	2
25	00663304900001040	Pin spindle	2
26	00663304900001050	Washer	2
27	00663604900210000	Bolt assy.	8
28	00663604900220000	Seat	8
29	00663304900001010	Pin spindle	4
30	00663304900001020	Washer	4
31	00663300100001090	Retaining spring	4
32	1090100004	Single chain SJL21.3A-0	4
33	204110014	Lithium base grease ZL-2	1

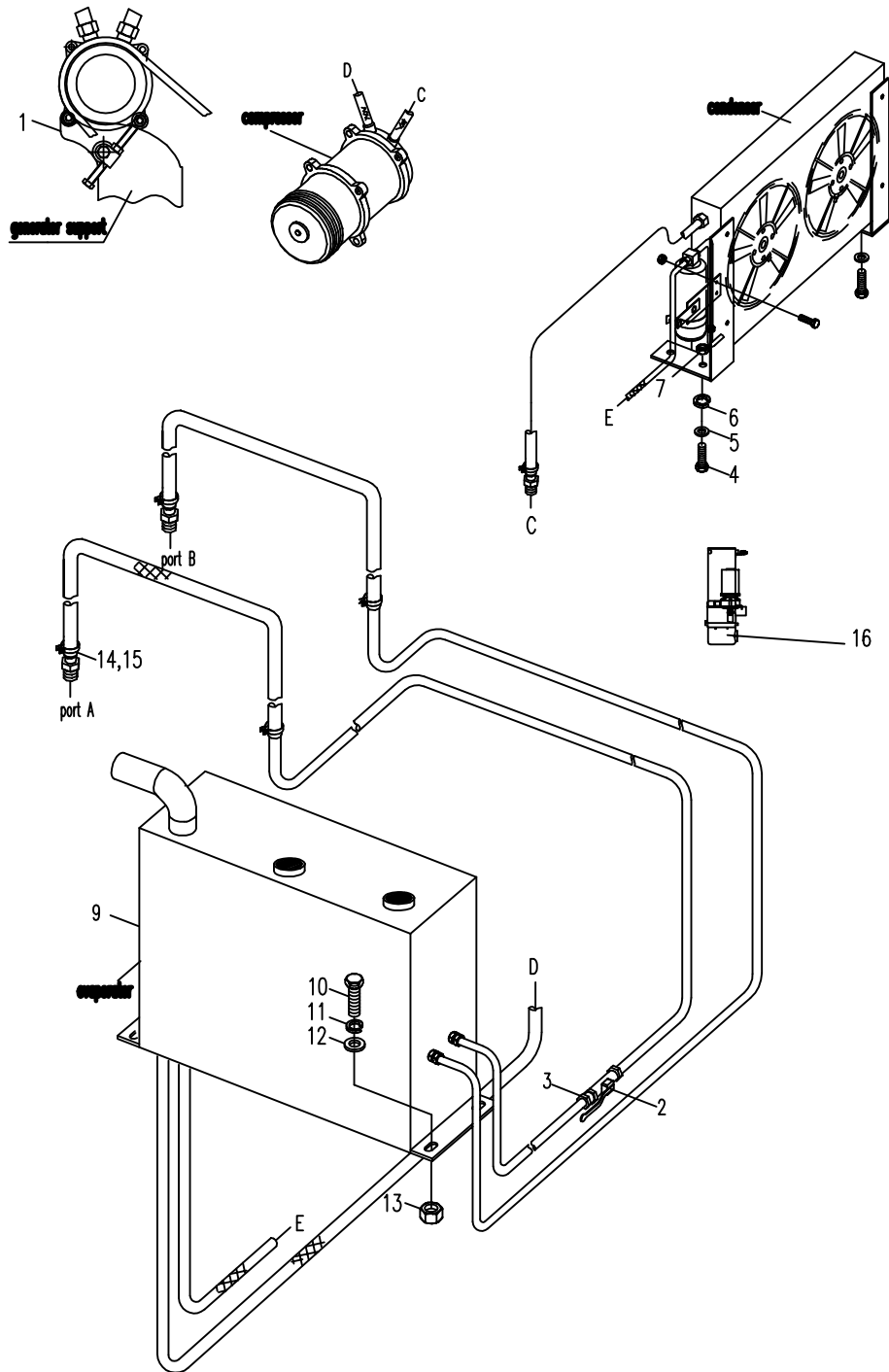
**COUNTERWEIGHT BOLTING CYLINDER
D00663307100000001Y**





COUNTERWEIGHT BOLTING CYLNDER D00663307100000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663307100200001	Cylinder	1
2	1040300153	Retainer ring 32 GB/T894.1-1986	1
3	00663303200001030	Sleeve ring	1
4	00663303200001040	Retainer ring	1
5	1081000233	D-A-S combination sealing ring	1
6	1081000052	O-ring 32*3.5 GB1235-1976	1
7	00663307100001010	Piston	1
8	00663307100001031	Piston rod	1
9	1081400115	Support ring	1
10	00663307100001020	Guide bush	1
11	1081000027	O-ring 63*5.7 GB1235-1976	1
12	1081000232	U-ring	1
13	00663305300001040	Cover cap	1
14	1081200014	Dust ring 45*53*6	1

**AIR CONDITIONING
D0066340762000000Y**



AIR CONDITIONING D00663407620000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663207600210000	Compressor support	1
2	1130100054	Ball valve φ15	1
3	00663407600001060	Fitting	2
4	1040000018	Bolt M8*30-8.8 GB/T5783-2000	14
5	1040300066	Washer 8-200HV GB/T97.1-2002	14
6	1040300063	Washer 8 GB/T93-1987	14
7	1040200192	Nut M8-8 GB/T6170-2000	10
8	1991900144	Protective cover	1
9	1130100084	Cooling & heating device	1
10	1040000108	Bolt M12*30-8.8 GB/T5783-2000	4
11	1040300054	Washer 12 GB/T93-1987	4
12	1040300041	Washer 12-200HV GB/T97.1-2002	4
13	1040200096	Nut M12-8 GB/T6170-2000	4
14	00664007600001010	Fitting	1
15	1990200518	Worm clamp 16-25	1
16	1009900052	Liquid heater	1
17	207130011	Coolant	1
18	1990200007	Nylon strap 8*350(black)	40
19	00663107600001010	Blanking plug	1
20	1990200519	Worm clamp	1
Note: POS. 8, 17 - 20 are not shown in the drawing.			



HYDRAULIC SYSTEM DIAGRAM D00663401500000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1010000746	Main pump	1
4	1010300128	Check valve	1
5	1010600005	Pressure oil filter	1
6	1010800001	Energy accumulator	1
7	1010302667	Boom lifting valve block	2
9	1010300201	Lifting balance valve	1
10	1010300017	Solenoid valve + valve plate	1
11	1010300020	Solenoid valve block	2
12	1010300049	Sextuple proportional valve block	1
13	1010302670	Shuttle valve	1
14	1010301868	Slewing control valve block	1
15	1010302669	Overflow valve block	1
16	1010301687	Electrical proportional pressure release valve block	1
18	1010300073	S-type check valve	1
19	1019900192	Pressure gauge	1
20	1010300061	Combination valve block	2
21	1010300034	Dual balance valve	1
22	1010300060	Combination valve block	2
23	1010300200	Balance valve	1
24	1010302876	Balance valve	2
25	1010300072	S-type check valve	1
26	1011200000	Central revolving joint	2
28	1010300280	Bidirectional hydraulic lock	4
29	1010300033	Undercarriage control valve	1
30	1010300133	Check valve	1
31	1010400003	Air cooler	1
31	1010400001	Oil cooler	1
32	1010300134	Check valve	14
33	1010000331	Dual gear pump	1
34	1010300019	Solenoid valve block	1



HYDRAULIC SYSTEM DIAGRAM D00663401510000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1010000746	Main pump	1
4	1010300128	Check valve	1
5	1010600005	Pressure oil filter	1
6	1010800001	Energy accumulator	1
7	1010302667	Boom lifting valve block	2
9	1010300201	Lifting balance valve	1
10	1010300017	Solenoid valve + valve plate	1
11	1010300020	Solenoid valve block	1
12	1010300032	Main valve	1
13	1010302670	Shuttle valve	1
14	1010301868	Slewing control valve block	1
15	1010302669	Overflow valve block	1
16	1010301687	Electrical proportional pressure release valve block	1
18	1010300073	S-type check valve	1
19	1019900192	Pressure gauge	1
20	1010300061	Combination valve block	2
21	1010300034	Dual balance valve	1
22	1010300060	Combination valve block	2
23	1010300200	Balance valve	1
24	1010302876	Balance valve	2
25	1010300072	S-type check valve	1
26	1011200000	Central revolving joint	2
28	1010300280	Bidirectional hydraulic lock	4
29	1010300033	Undercarriage control valve	1
30	1010300133	Check valve	1
31	1010400003	Air cooler	1
31	1010400001	Oil cooler	1
32	1010300134	Check valve	14
33	1010000331	Dual gear pump	1

PIPE LAYOUT - SUPERSTRUCTURE HYDRAULIC SYSTEM

D00663401600000001Y



PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM D00663401600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
200	1140100572	Fitting	10
201	1140100526	Fitting	11
202	1140100597	Fitting	8
203	1140100574	Fitting	14
204	1140100649	Fitting	3
205	1140100596	Fitting	3
206	1140100647	Fitting	8
207	1140100583	Fitting	3
208	1140100622	Fitting	3
209	1140100664	Fitting	2
210	1140100527	Fitting	5
213	1140100598	Fitting	3
214	00663401600400001	Flange fitting	2
215	1140100685	Fitting	7
216	1140100862	Flange assembly	6
217	1140100591	Fitting	2
218	1140100575	Fitting	5
219	1140100652	Fitting	1
220	1140100872	Flange fitting	2
221	1140100657	Fitting	1
222	00663401602000000	Oil suction union for 140 pump	1
223	1140100576	Fitting	13
226	00663201600400002	Oil return union of filter	1
227	1140100683	Fitting	4
228	1140101011	Pipe fitting	2
229	1140100578	Fitting	1
230	1140100616	Fitting	2
231	1140100644	Fitting	1
232	1140100667	Fitting	1
233	1140100669	Fitting	2
234	1140100663	Fitting	2
235	1140100730	Fitting	1
236	1140101078	Pipe fitting	1
237	1140100670	Fitting	1
238	1140100793	Fitting	1



PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM D00663401600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
239	1140100648	Fitting	3
240	1140100863	Flange assembly	2
241	1140100628	Fitting	2
242	1140100716	Fitting	2
243	1140100717	Fitting	1
244	1140100643	Fitting	1
245	1140100875	Flange fitting	1
246	1140100607	Fitting	1
247	1140100031	Split flange	1
248	00663401600001030	Fitting	1
249	1140100525	Fitting	1
250	1140101304	Blanking plug	2
251	1040200041	Nut	2
252	1140101305	Blanking plug	1
253	1040200043	Nut	1
254	00663401601000000	Oil catcher II	1
255	00663401601800000	Oil suction union	1
256	00663301604200000	Oil suction union	1
257	00663801600001030	Oil suction flange	2
258	1140100577	Fitting	1
259	1140100582	Fitting	2
300	1081000077	O-ring 65*3.1 GB1235-1976	2
301	1081000024	O-ring 95*3.1 GB1235-1976	1
303	1081000004	O-ring 115*3.1 GB1235-1976	3
304	1081000062	O-ring 55*3.1 GB1235-1976	2
400	1040000107	Bolt M6*20-8.8 GB/T5783-2000	4
401	1040300062	Washer 6 GB/T93-1987	4
402	1040000082	Bolt M16*40-8.8 GB/T5783-2000	8
403	1040300065	Washer 16 GB/T93-1987	8
404	1040000108	Bolt M12*30-8.8 GB/T5783-2000	4
405	1040300054	Washer 12 GB/T93-1987	12
406	1040000094	Bolt M12*35-8.8 GB/T5783-2000	8
407	1040000288	Bolt M8*25-8.8 GB/T5783-2000	8
408	1040300063	Washer 8 GB/T93-1987	8
451	00633172310020000	Pipe clamp	2



PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM D00663401600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
452	1990200074	Pipe clamp	2
453	00663401602200000	Pipe clamp	2
454	00663408500600000	Pipe clamp	4
455	00663301613200000	Pipe clamp	4
500	00663401605000000	Steel pipe assy.	1
501	00663401605010000	Steel pipe assy.	1
502	00663401605020000	Steel pipe assy.	1
503	00663401605030000	Steel pipe assy.	1
504	00663401605040000	Steel pipe assy.	1
505	00663401605050000	Steel pipe assy.	1
506	00663401605060000	Steel pipe assy.	1
507	00663401605070000	Steel pipe assy.	1
508	00663401605080000	Steel pipe assy.	1
509	00663401605090000	Steel pipe assy.	1
510	00663401605100000	Steel pipe assy.	1
511	00663401605110000	Steel pipe assy.	1
512	00663401605120000	Steel pipe assy.	1
513	00663401605130000	Steel pipe assy.	1
514	00663401605140000	Steel pipe assy.	1
515	00663401605150000	Steel pipe assy.	1
516	00663401605160000	Steel pipe assy.	1
517	00663401605170000	Steel pipe assy.	1
518	00663401605180000	Steel pipe assy.	1
519	00663401605190000	Steel pipe assy.	1
520	00663401605200000	Steel pipe assy.	1
522	00663401605220000	Steel pipe assy.	1
523	00663401605230000	Steel pipe assy.	1
524	00663401605240000	Steel pipe assy.	1
525	00663401605250000	Steel pipe assy.	1
526	00663401605260000	Steel pipe assy.	1
528	00663401605280000	Steel pipe assy.	1
529	00663401605290000	Steel pipe assy.	1
530	00663401605300000	Steel pipe assy.	1
531	00663401605310000	Steel pipe assy.	1
532	00663401605320000	Steel pipe assy.	1



PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM D00663401600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
533	00663401605330000	Steel pipe assy.	1
534	00663401605340000	Steel pipe assy.	1
535	00663401605350000	Steel pipe assy.	1
536	00663401605360000	Steel pipe assy.	1
537	00663401605370000	Steel pipe assy.	1
538	00663401605380000	Steel pipe assy.	1
539	00663401605390000	Steel pipe assy.	1
540	00663401605400000	Steel pipe assy.	1
541	00663401605410000	Steel pipe assy.	1
542	00663401605420000	Steel pipe assy.	1
543	00663401605430000	Steel pipe assy.	1
544	00663401605440000	Steel pipe assy.	1
545	00663401605450000	Steel pipe assy.	1
546	00663401605460000	Steel pipe assy.	1
547	00663401605470000	Steel pipe assy.	1
548	00663401605480000	Steel pipe assy.	1
549	00663401605490000	Steel pipe assy.	1
550	00663401605500000	Steel pipe assy.	1
551	00663401605510000	Steel pipe assy.	1
552	00663401605520000	Steel pipe assy.	1
553	00663401605530000	Steel pipe assy.	1
554	00663401605540000	Steel pipe assy.	1
555	00663401605550000	Steel pipe assy.	1
556	00663401605560000	Steel pipe assy.	1
557	00663401605570000	Steel pipe assy.	1
558	00663401605580000	Steel pipe assy.	1
559	00663401605590000	Steel pipe assy.	1
561	00663401605610000	Steel pipe assy.	1
562	00663401605620000	Steel pipe assy.	1
563	00663401605630000	Steel pipe assy.	1
564	00663401605640000	Steel pipe assy.	1
701	1140201533	Rubber hose assy. H/H3-25*4S-850(S) JB/T8727-2004	2
702	1140201531	Rubber hose assy. H/H3-25*4S-600(S) JB/T8727-2004	2
705	1140201508	Rubber hose assy. H/H3-19*1W-950(S20) JB/T8727-2004	1



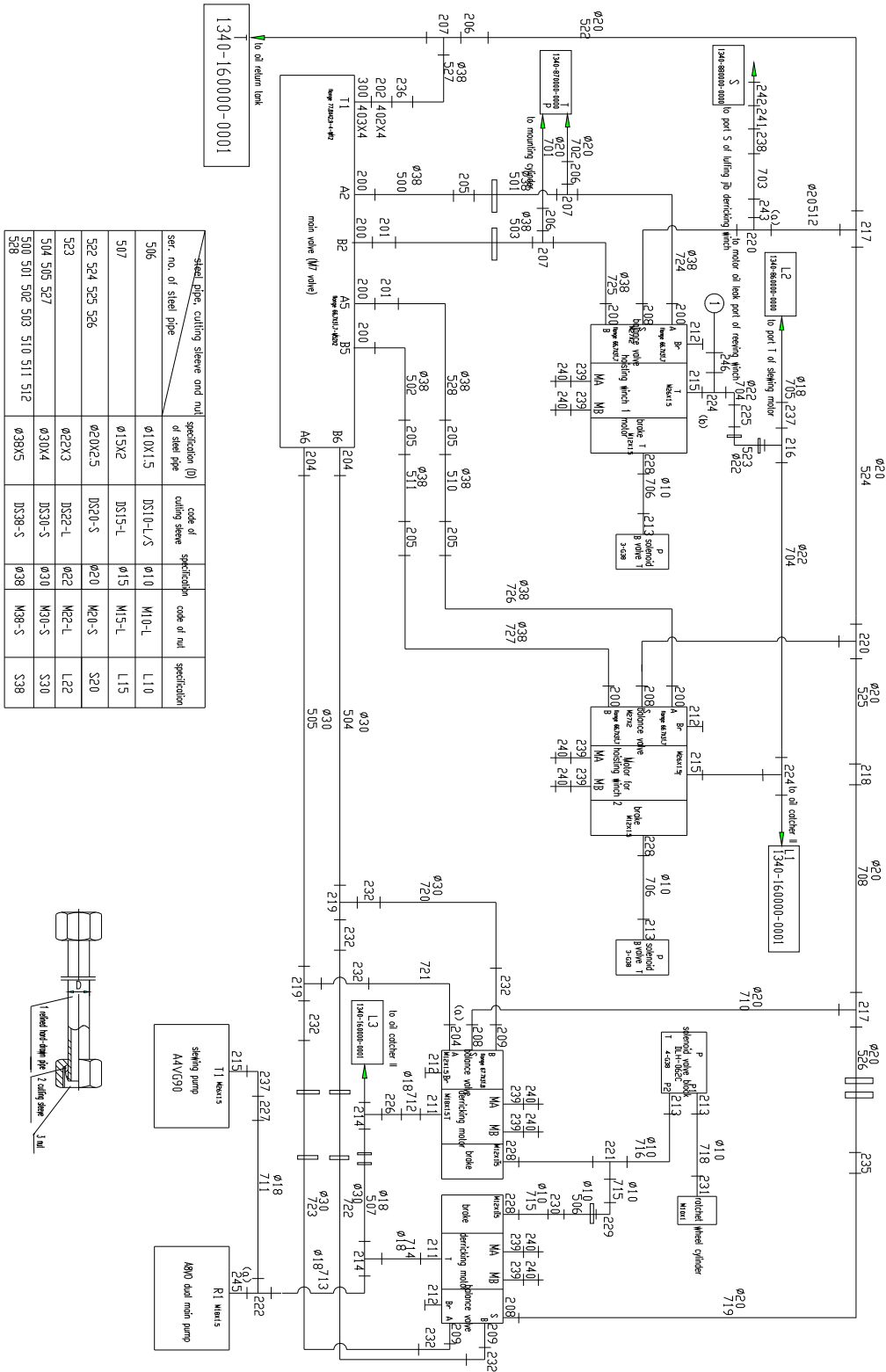
PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM D00663401600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
707	1140201466	Rubber hose assy. H-8*2W-1600(L)-※ JB/T8727-2004	1
708	1140201465	Rubber hose assy. H-8*2W-1050(L)-※ JB/T8727-2004	1
709	1140201441	Rubber hose assy. H/H2-8*2W-1200(L)-※ JB/T8727-2004	1
710	1140201475	Rubber hose assy. H-8*2W-950(L)-※ JB/T8727-2004	1
711	1140201455	Rubber hose assy. H/H3-8*2W-450(L)-◎ JB/T8727-2004	1
712	1140201449	Rubber hose assy. H/H3-8*2W-1300(L)-※ JB/T8727-2004	2
714	1140201451	Rubber hose assy. H/H3-8*2W-1500(L)-※ JB/T8727-2004	1
716	1140201464	Rubber hose assy. H/H3-8*2W-950(L)-※ JB/T8727-2004	1
717	1140201463	Rubber hose assy. H/H3-8*2W-900(L)-※ JB/T8727-2004	1
719	1140201445	Rubber hose assy. H/H3-8*2W-1050(L)-※ JB/T8727-2004	1
721	1140201443	Rubber hose assy. H/H2-8*2W-950(L)-※ JB/T8727-2004	1
722	1140201447	Rubber hose assy. H/H3-8*2W-1250(L) JB/T8727-2004	2
723	1140201539	Rubber hose assy. H-25*4S-900(S)-◎ JB/T8727-2004	1
724	1140201526	Rubber hose assy. H/H3-25*4S-1300(S)-※ JB/T8727-2004	1
725	00663201600001020	Oil delivery hose Φ102 (5 layer)*	1
726	1140201540	Rubber hose assy. H3/H3-25*1W-600(L)-※ JB/T8727-2004	2
727	1140201543	Rubber hose assy. H/H3-32*1W-1200(L)-※ JB/T8727-2004	1
728	1140201484	Rubber hose assy. H-13*2W-1350(L)-※ JB/T8727-2004	1
729	1140201461	Rubber hose assy. H/H3-8*2W-750(L)-※ JB/T8727-2004	1
730	1140201505	Rubber hose assy. H/H3-19*1W-2300(S20/L22) JB/T8727-2004	1
732	1140201503	Rubber hose assy. H/H3-19*1W-1050(L)-※ JB/T8727-2004	1
733	1140201486	Rubber hose assy. H/H3-16*1W-1700(L)-※ JB/T8727-2004	1
734	1140201535	Rubber hose assy. H-25*1W-650(S)-※ JB/T8727-2004	1
735	1140201507	Rubber hose assy. H/H3-19*1W-800(L)-※ JB/T8727-2004	1



PIPE LAYOUT – SUPERSTRUCTURE HYDRAULIC SYSTEM			
D00663401600000001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
737	1140208239	Wire braided hydraulic rubber hose Φ45(I type)×500 GB3683-1983	1
738	1140201548	Rubber hose assy. H-38*2W-900(S38)-※ JB/T8727-2004	1
739	1140201518	Rubber hose assy. H-19*1W-600(S20)-※ JB/T8727-2004	1
740	1140201510	Rubber hose assy. H/H3-19*2W-650(S20/L22)-※ JB/T8727-2004	1
741	1140201496	Rubber hose assy. H/H3-16*2W-800(L)-※ JB/T8727-2004	1



PIPE LAYOUT - HYDRAULIC CIRCUITS OF WINCHES IN THE SLEWING
TABLE
D00663408500000000Y





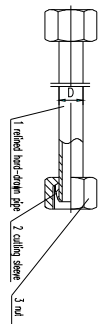
PIPE LAYOUT –HYDRAULIC CIRCUITS OF WINCHES IN THE SLEWING TABLE D00663408500000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
200	1140100851	Flange assembly	8
201	1140100665	Fitting	2
202	00663401600200001	Flange fitting	1
203	1140100669	Fitting	1
204	1140100582	Fitting	2
205	1140100714	Fitting	5
206	1140100712	Fitting	2
207	1140100713	Fitting	2
208	1140101011	Pipe fitting L22/M27×2E	4
209	1140100863	Flange assembly	4
210	1140100667	Fitting	1
211	1140100591	Fitting	2
212	1140101286	Blanking plug	4
213	1140100574	Fitting	4
214	1140100609	Fitting	2
215	1140100577	Fitting	3
216	1140100579	Fitting	3
218	1140100644	Fitting	1
219	1140100629	Fitting	2
220	1140100709	Fitting	2
221	1140100647	Fitting	1
222	1140100395	Fitting	1
224	1140100731	Fitting	2
225	1140100641	Fitting	2
226	1140100633	Fitting	2
228	1140101002	Pipe fitting L10/M12×1.5E	4
229	1140100583	Fitting	1
230	1140100596	Fitting	1
231	1140101058	Pipe fitting L10/M10×1E	1
232	1140100628	Fitting	8
236	1140100683	Fitting	1
237	1140100642	Fitting	2
238	1140100529	Fitting	1
239	1140100648	Fitting	8
240	1140102830	Pressure testing fitting	8



PIPE LAYOUT –HYDRAULIC CIRCUITS OF WINCHES IN THE SLEWING TABLE
D00663408500000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
241	1140101305	Blanking plug	1
242	1040200043	Nut M22-L	1
243	1140101306	Blanking plug	2
244	00663401600001021	Seal plate of flange	1
245	1140100174	Fitting body	1
246	1140100737	Fitting	1
300	1081000009	O-ring 60×3.1 GB1235-1976	2
451	00663401602200000	Pipe clamp	2
452	1990200171	Pipe clamp	4
453	1990200179	Pipe clamp	2
454	00663408500200000	Pipe clamp	2
455	00663408500400000	Pipe clamp	2
456	00663408500600000	Pipe clamp	1

steel pipe, cutting sleeve and nut no. of steel pipe assy.	specification (D) of steel pipe	code of cutting sleeve	specification code of nut	specification
507	φ10X1.5	DS10-L/S	φ10	M10-L L10
500 501 502 503 504 508 509	φ30X4	DS30-S	φ30	M30-S S30

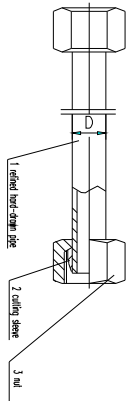




PIPE LAYOUT – HYDRAULIC CIRCUITS OF SLEWING TABLE

D00663408600000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
200	1140100850	Flange assembly SFCE6003/S30M(M)	2
201	1140100628	Fitting XVBDKO30-S	2
202	1140100575	Fitting XE30-S	2
203	1140100576	Fitting XF30-S	2
204	1140100629	Fitting XG30-S	3
205	1140100856	Flange assembly SFCE6002/S30M(M)	4
206	1140100734	Fitting XRSDKO30/10	2
207	1140100527	Fitting XA10-ML/WD	1
208	1140100574	Fitting XA10-L/R3/8"/WD	1
209	1140100647	Fitting XVDDKO10-L	3
210	1140101002	Pipe fitting L10/M12×1.5E GB3733-2006	4
212	1140100174	Fitting body XA18-L/ML 18*1.5/WD	2
213	1140100395	Fitting XVCDKO18-L	1
215	1140102830	Pressure testing fitting SMK20-10L-PK	9
216	1140100652	Fitting XER22/18-L	1
217	1140100529	Fitting XK22-L	1
218	1140101305	Blanking plug STO22-L/O	5
219	1040200043	Nut M22-L	2
220	1140100354	Fitting A110-S/R-3/8"	1
221	1140101306	Blanking plug VSCH-R3/8/WD	2
451	00663408500600000	Pipe clamp	2

[illegible]



PIPE LAYOUT – HYDRAULIC CIRCUITS OF AUXILIARY DEVICES

D00663408700000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
200	1140100533	Fitting body	2
201	1140100601	Fitting	2
202	1140102954	Pressure testing fitting	9
203	1140100692	Fitting	1
204	1140100527	Fitting	1
205	1140100602	Fitting	2
206	1140101058	Pipe fitting L10/M10×1E	2
207	1140100597	Fitting	7
208	1140100589	Fitting	1
209	1140100693	Fitting	1
210	1140100647	Fitting	4
211	1140100649	Fitting	1
212	1140100587	Fitting	1
214	1140100687	Fitting	1
215	1140100710	Fitting	1
216	1140100711	Fitting	2
217	1140100720	Fitting	1
218	1140100877	Flange fitting	2
219	1140100000	Pressure gauge fitting L6/M14×1.5	4
220	1140100733	Fitting	1
221	1140100572	Fitting	1
222	1140100639	Fitting	2
223	1140100591	Fitting	2
224	1140100633	Fitting	1
225	1140100709	Fitting	2
227	1140101000	Pipe fitting L6/M14×1.5E	1
228	1140100596	Fitting	1
229	00663408700001010	Fitting	1
230	1140100075	Articulated fitting	4
231	1140100640	Fitting	2
232	1140100716	Fitting	1
233	1140100622	Fitting	2
234	1140102995	Fitting	2
235	1140100664	Fitting	2
236	1140100623	Fitting	6

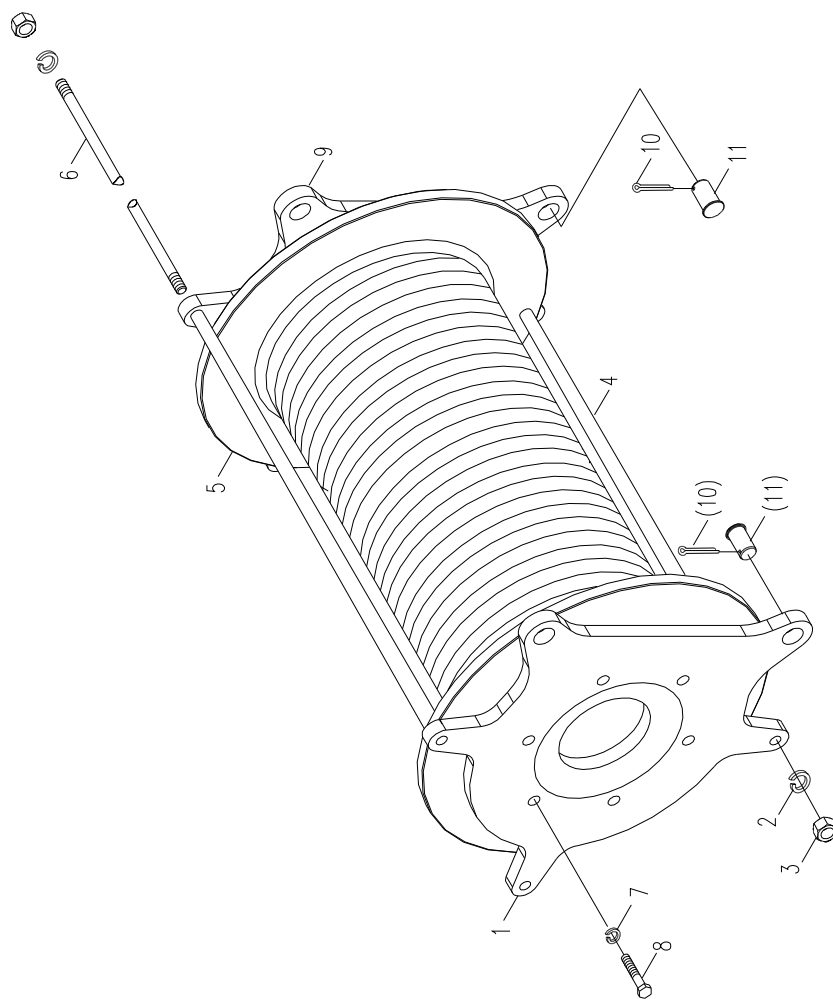


PIPE LAYOUT – HYDRAULIC CIRCUITS OF AUXILIARY DEVICES

D00663408700000000Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
237	1140101258	Quick release coupling G1/2"	3
238	1140101257	Quick release coupling G1/2"	4
239	1081200005	Dust cover	4
240	1081200001	Dust cover	11
241	1140100620	Fitting	2
242	1140100648	Fitting	5
243	00663201601801010	Articulated bolt	18
244	1140100227	Fitting	2
245	1140100428	Fitting	2
246	1140101314	Blanking plug	6
247	1140100624	Fitting	1
248	1140101312	Blanking plug	2
249	00663201601801020	Articulated body	4
300	1081000041	O-ring 35×3.1 GB1235-1976	5
451	1990200170	Pipe clamp	14
452	1990200074	Pipe clamp	12
453	1990200171	Pipe clamp	14
454	00663408700200000	Pipe clamp	14
455	00663408700400000	Pipe clamp	21

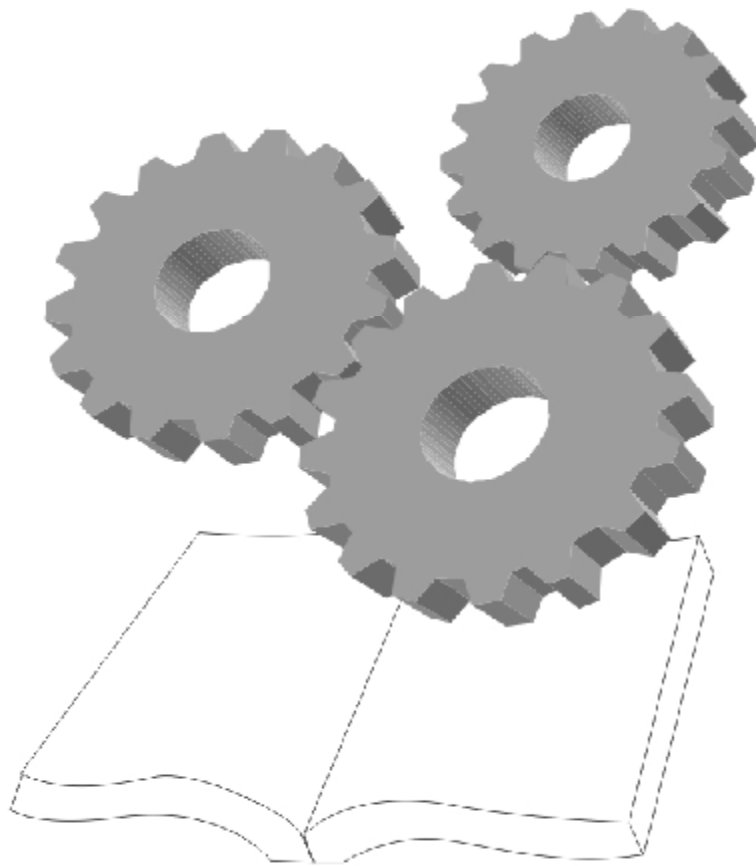
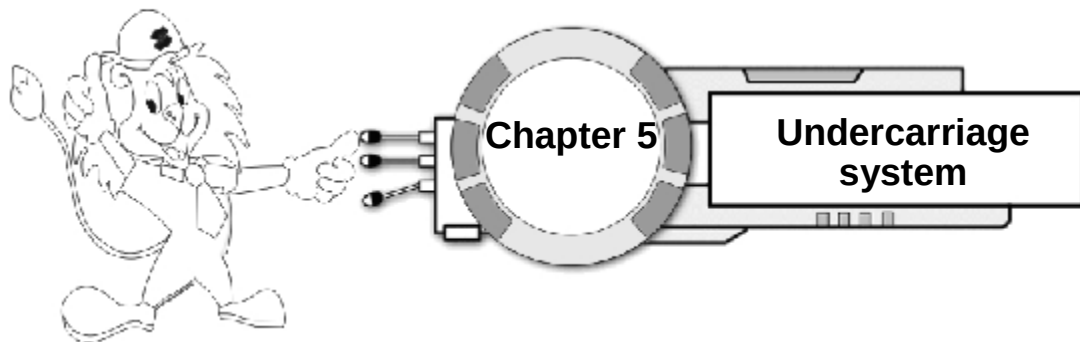
REEVING WINCH
D00663408300000000Y





REEVING WINCH D00663408300000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663408300001010	Side plate	1
2	1040300067	Washer 10 GB/T93-1987	6
3	1040200113	Nut M10-8 GB/T6170-2000	6
4	00663408300001020	Cold-rolled pipe $\phi 16 \times 2$	3
5	1030200006	Reeving winch	1
6	00663408300001030	Threaded rod	3
7	1040300068	Washer 14 GB/T93-1987	17
8	1040000164	Bolt M14*30-8.8 GB/T5783-2000	17
9	00663408300001040	Side plate	1
10	006340000032	Retaining spring (D16,18,20)	4
11	00663303101401011	Pin spindle	4







Chapter 5 Undercarriage system

1 Outrigger

1.1 Support plate assembly D00663400800000000Y	5-1
1.2 Support cylinder D006633022000000000Y	5-3
1.3 Folding bracket D006634058000000000Y	5-5

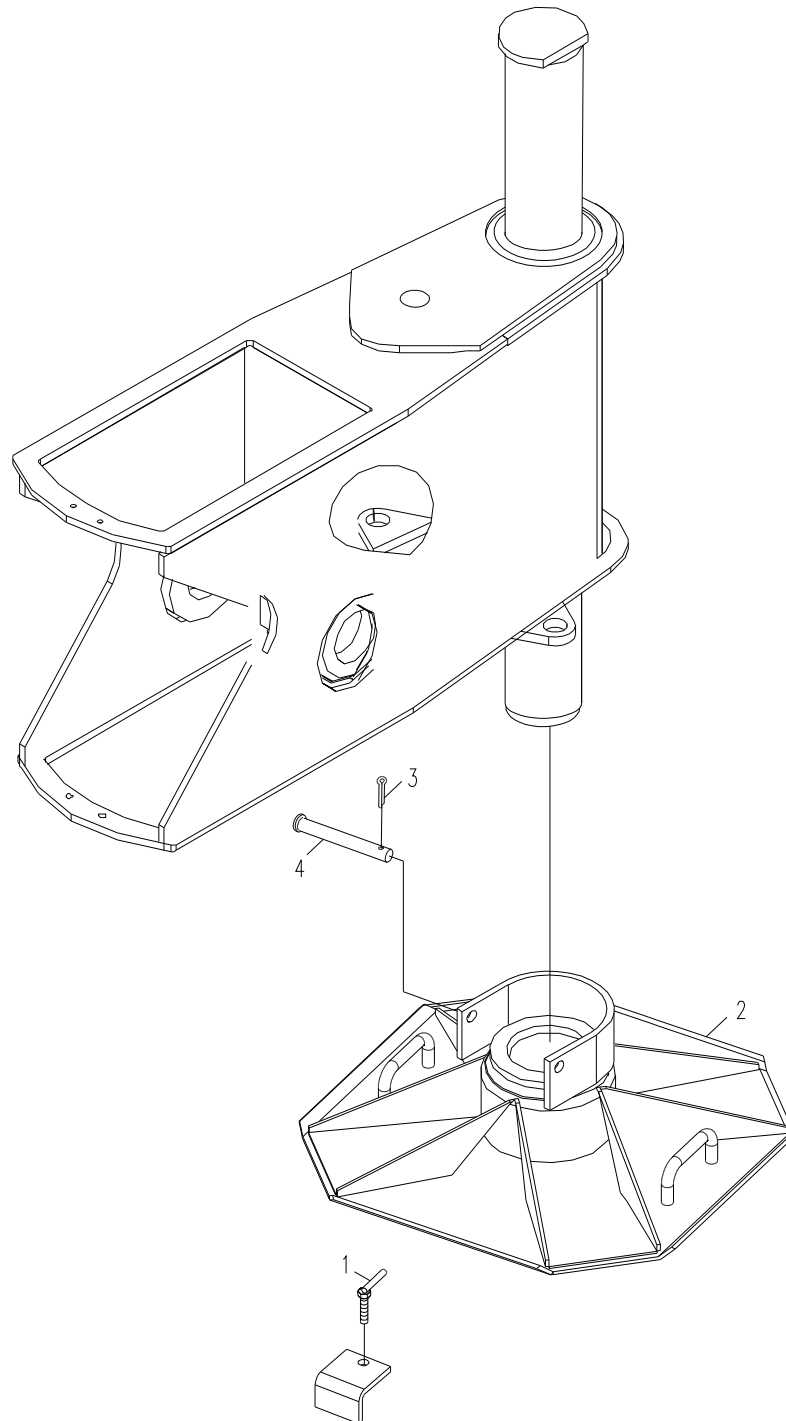
2 Crawler carrier

2.1 Left crawler carrier assy. D006634024000000003Y	5-7
2.2 Right crawler carrier assy. D006634025000000003Y	5-11
2.3 Crawler carrier bolting cylinder D006633032000000000Y	5-15
2.4 Assembly of ladder on crawler carrier D00663304700600001Y	5-17
2.5 Crawler carrier assembly D006634096000000000Y	5-19

3 Undercarriage hydraulic system

3.1 Pipe layout – undercarriage hydraulic system D006634017000000002Y	5-21
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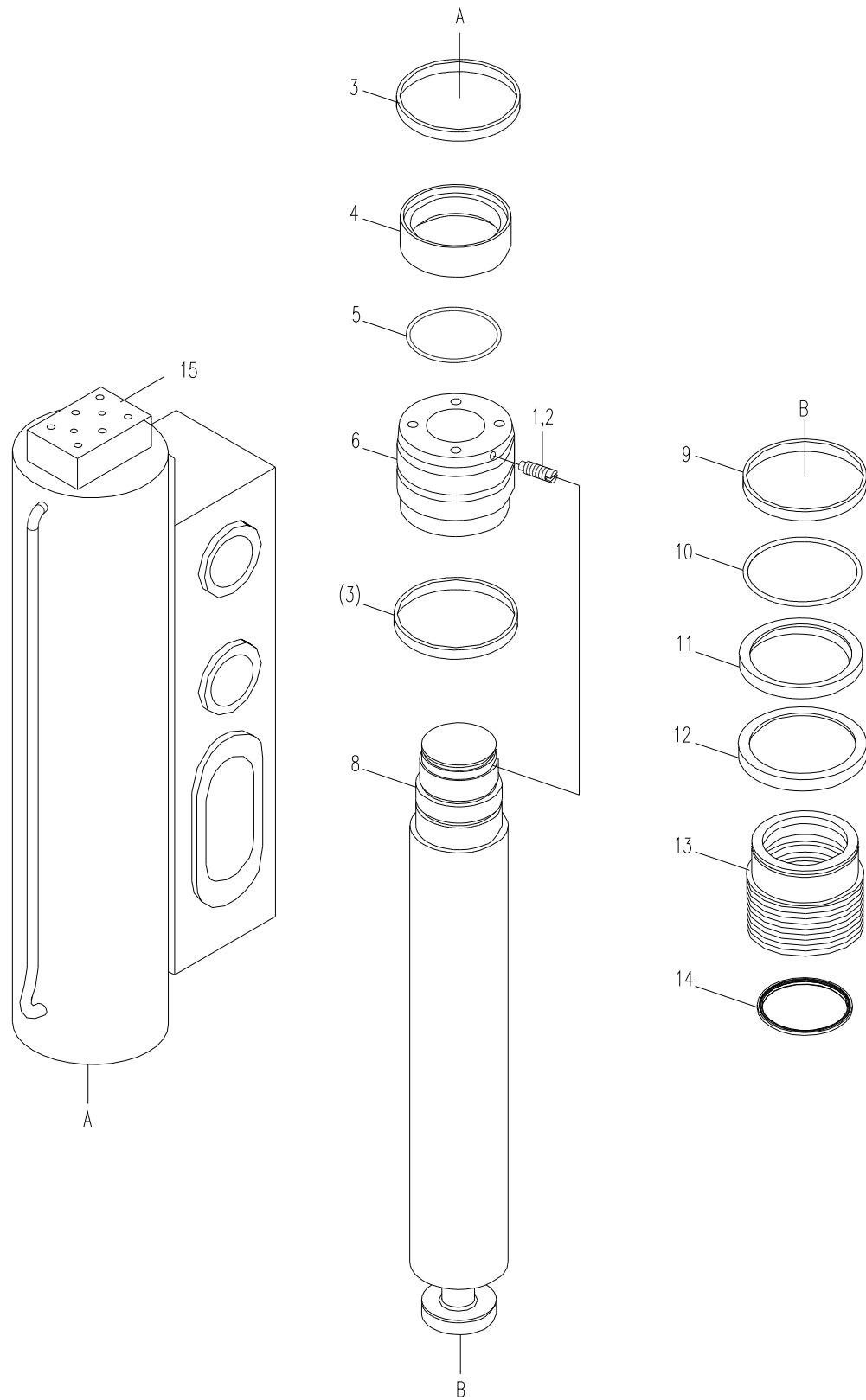
**SUPPORT PLATE ASSEMBLY
D00663400800000000Y**





SUPPORT PLATE ASSEMBLY D00663400800000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663300800200000	Handle	4
2	00663300800400000	Support plate	4
3	6340000035	Retaining spring (D10,12,14,15)	4
4	00663300800001010	Pin spindle	4

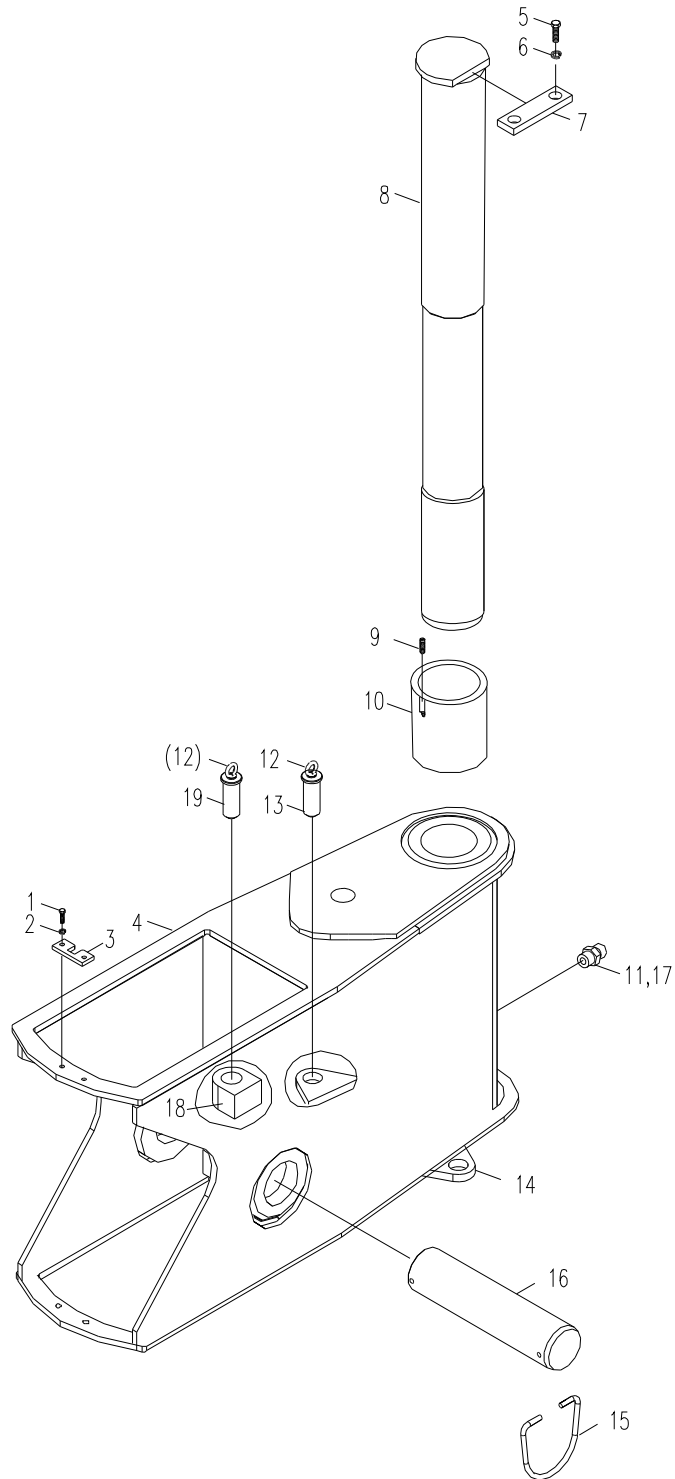
SUPPORT CYLINDER
D0066330220000000Y





SUPPORT CYLINDER D00663302200000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040100135	Screw M8*20-33H GB72-1988	1
2	202230007	Loctite glue 242	1
3	1081400114	Support ring GP7301600-C380	2
4	1081000217	D-A-S combination sealing ring PCB1A1600-NCRO	1
5	1081000037	O-ring 110*5.7 GB1235-1976	1
6	00631302200001010	Piston	1
7	00663302200200000	Cylinder	1
8	00663302200001010	Piston rod	1
9	1081400139	Support ring GR7301250-C380	2
10	1081000039	O-ring 160*5.7 GB1235-1976	1
11	1081000249	Step seal RS1301250-T46NA	1
12	1081000248	U-ring 125*145*16 RU3001250-WUAQ3	1
13	00631302200001040	Guide bush	1
14	1081200018	Dust ring 125*137*8.2 WD1701250-N9	1

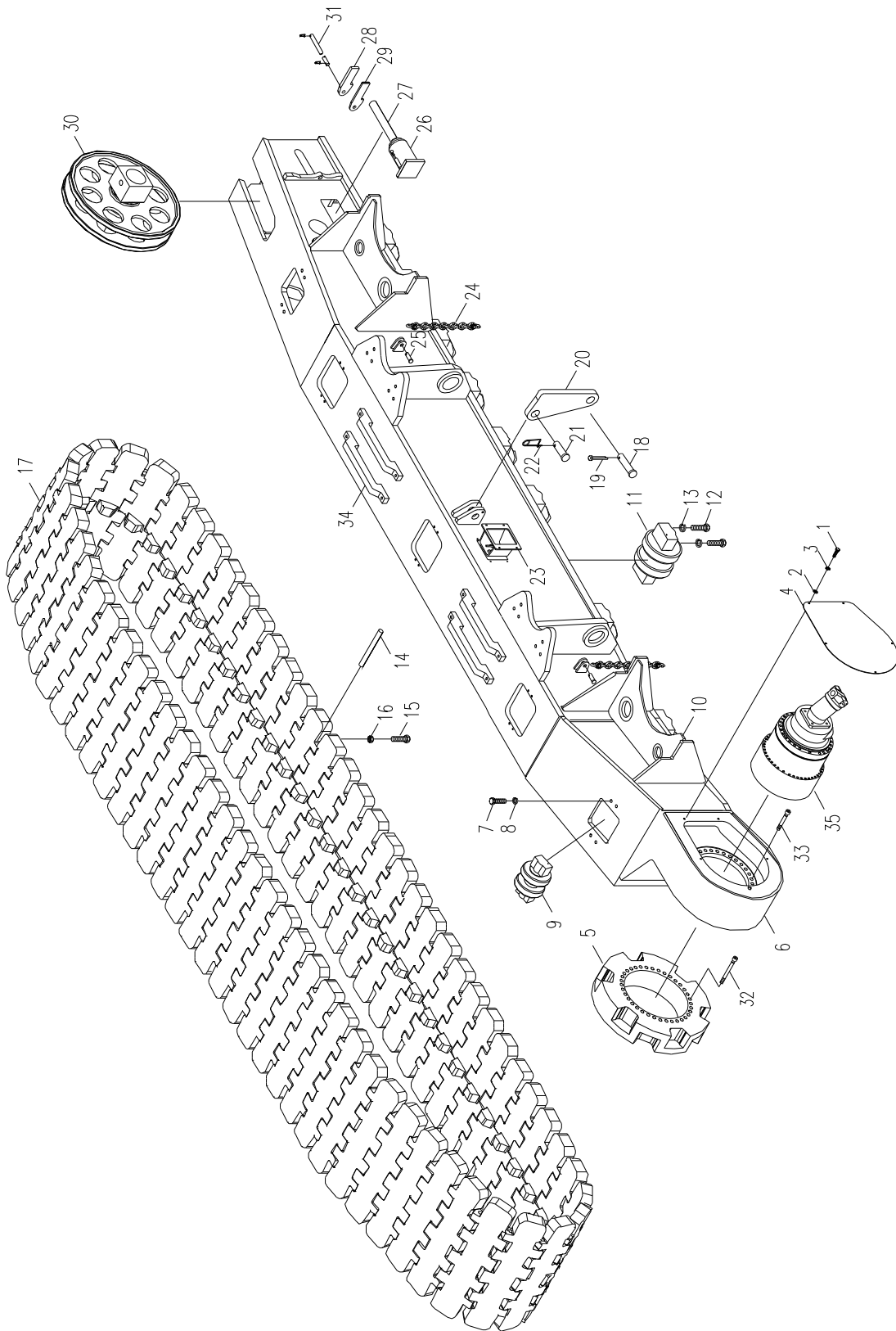
**FOLDING BRACKET
D00663405800000000Y**





FOLDING BRACKET D00663405800000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000098	Bolt M8*16-8.8 GB/T5783-2000	2
2	1040300063	Washer 8 GB/T93-1987	2
3	00663305800001011	Stop block	2
4	00663305800200000	Folding bracket	1
5	1040000134	Bolt M16*25-8.8 GB/T5783-2000	2
6	1040300065	Washer 16 GB/T93-1987	2
7	00663305800001020	Retaining plate	1
8	00663305800001030	Shaft	1
9	1040100081	Screw M8*20-22H GB73-1985	4
10	00663305800001040	Brass bush	2
11	10800000001	Oil cup M10*1 GB1152-1979	1
12	1040100182	Screw M12 GB825-1988	2
13	00663305800001070	Shaft	1
14	00663405800001010	Plate	2
15	00663305800001050	Spring clip	2
16	00663305800001060	Shaft	1
17	204110013	Lithium base grease ZL-3	4
18	00663405800001020	Supporting seat	1
19	00663405800001030	Shaft	1

**LEFT CRAWLER CARRIER ASSY.
D0066340240000003Y**





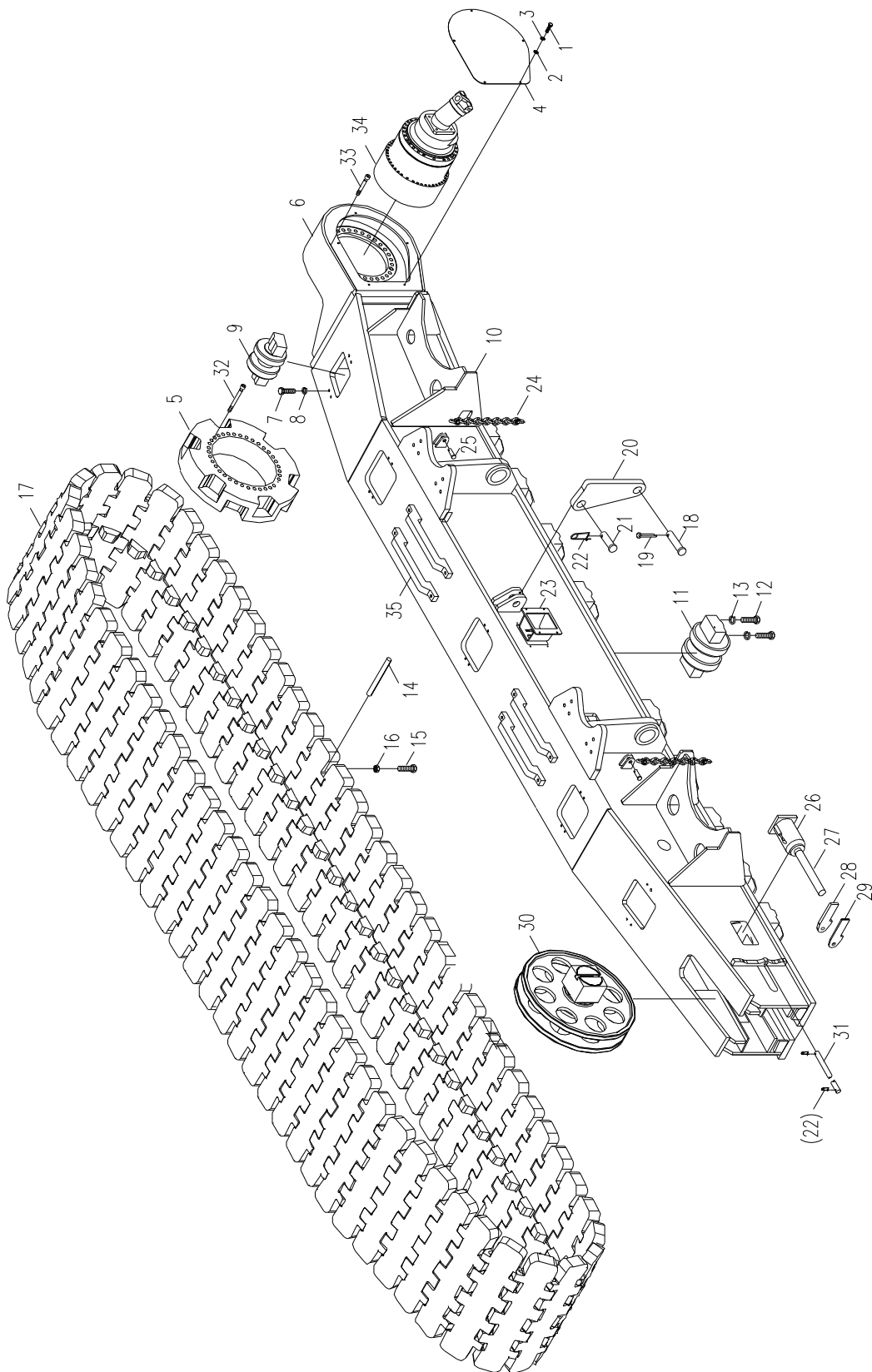
LEFT CRAWLER CARRIER ASSY. D00663402400000003Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000116	Bolt M10*20-8.8 GB/T5783-2000	10
2	1040300067	Washer 10 GB/T93-1987	10
3	1040300061	Washer 10-200HV GB/T97.1-2002	10
4	00663302400001011	Seal plate	1
5	1031400034	Drive sprocket	1
6	00663302400200002	Left crawler carrier welded	1
7	1040000145	Bolt M16*80-8.8 GB/T5783-2000	28
8	1040300052	Washer 16-200HV GB/T97.1-2002	28
9	1031400001	Track-carrier roller assy.	5
10	00663402400400001	Left crawler carrier attachments welded	1
11	1031400002	Track roller	14
12	1040000349	Bolt M30*180-10.9 GB/T1228-1991	56
13	1040300178	Washer 30 GB/T1230-1991	56
14	00663302400001021	Cotter pin	136
15	1040000016	Bolt M16*35-8.8 GB/T5783-2000	136
16	1040200110	Nut M16-8 GB/T6170-2000	136
17	1031400000	Track pad	68
18	00663302400001041	Pin spindle	3
19	1040500003	Cotter pin 2.5*30 GB/T91-2000	10
20	00663302400001120	Lifting eye	3
21	00663302400001031	Pin spindle	3
22	00663605400201020	Retainer pin	7
23	00663302401000001	Quick release coupling support	1
24	1090100010	Lifting sling 10*30*900 ST100	4
25	00663302400001051	Pin spindle	4
26	1102900000	Screw jack QL16	1
27	00663302400001061	Thrust rod	2
28	00663302400001101	Pad	14
29	00663302400001111	Pad	4
30	1031400003	Driven sprocket assy.	1
31	00663302400001130	Pin spindle	2
32	1040100310	Screw M33*200-10.9 GB/T70.1-2000	30
33	1040100252	Screw M33*120-10.9 GB/T70.1-2000	30
34	00663302400001140	Track carrier plate	4
35	1030200010	Travel motor + reducer	1



LEFT CRAWLER CARRIER ASSY. D00663402400000003Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
36	202230025	1277 threaded seal glue	1
37	1040300065	Washer 16 GB/T93-1987	136



**RIGHT CRAWLER CARRIER ASSY.
D00663402500000003Y**





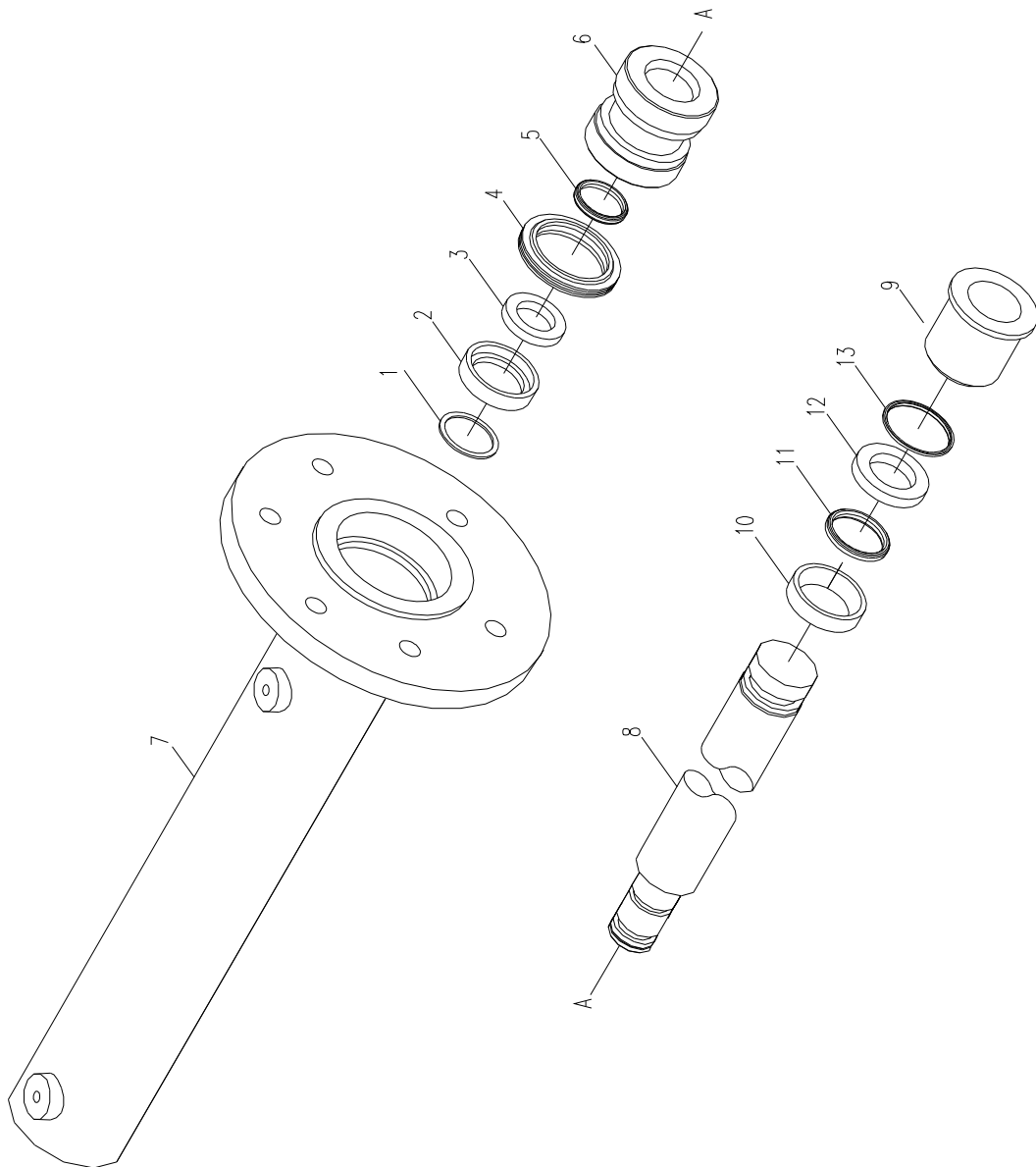
RIGHT CRAWLER CARRIER ASSY. D00663402500000003Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040000116	Bolt M10*20-8.8 GB/T5783-2000	10
2	1040300067	Washer 10 GB/T93-1987	10
3	1040300061	Washer 10-200HV GB/T97.1-2002	10
4	00663302400001011	Seal plate	1
5	1031400034	Drive sprocket QUY200-24-1-1	1
6	00663302500200002	Right crawler carrier welded	1
7	1040000145	Bolt M16*80-8.8 GB/T5783-2000	28
8	1040300052	Washer 16-200HV GB/T97.1-2002	28
9	1031400001	Track-carrier roller assy. QUY200-24-2	5
10	00663402500400001	Right crawler carrier attachments welded	1
11	1031400002	Track roller QUY200-24-3	14
12	1040000349	Bolt M30*180-10.9 GB/T1228-1991	56
13	1040300178	Washer 30 GB/T1230-1991	56
14	00663302400001021	Cotter pin	136
15	1040000016	Bolt M16*35-8.8 GB/T5783-2000	136
16	1040200110	Nut M16-8 GB/T6170-2000	136
17	1031400000	Track pad QUY260-24-4	68
18	00663302400001041	Pin spindle	3
19	1040500003	Cotter pin 2.5*30 GB/T91-2000	10
20	00663302400001120	Lifting eye	3
21	00663302400001031	Pin spindle	3
22	00663605400201020	Retainer pin	7
23	00663302401000001	Quick release coupling support	1
24	1090100052	Lifting sling 10*30*900 ST100-10*30*900A	4
25	00663302400001051	Pin spindle	1
26	1102900000	Screw jack QL16	2
27	00663302400001061	Thrust rod	14
28	00663302400001101	Pad	4
29	00663302400001111	Pad	1
30	1031400003	Driven sprocket assy. QUY200-24-5-0	2
31	00663302400001130	Pin spindle	30
32	1040100310	Screw M33*200-10.9 GB/T70.1-2000	30
33	1040100252	Screw M33*120-10.9 GB/T70.1-2000	1
34	1030200010	Travel motor + reducer M3V260/160R-RG45C	4
35	00663302400001140	Track carrier plate	136



RIGHT CRAWLER CARRIER ASSY. D00663402500000003Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
34	202230025	1277 threaded seal glue	1
35	1040300065	Washer 16 GB/T93-1987	4
Note: Pos. 34 and 35 are not shown in the drawing.			



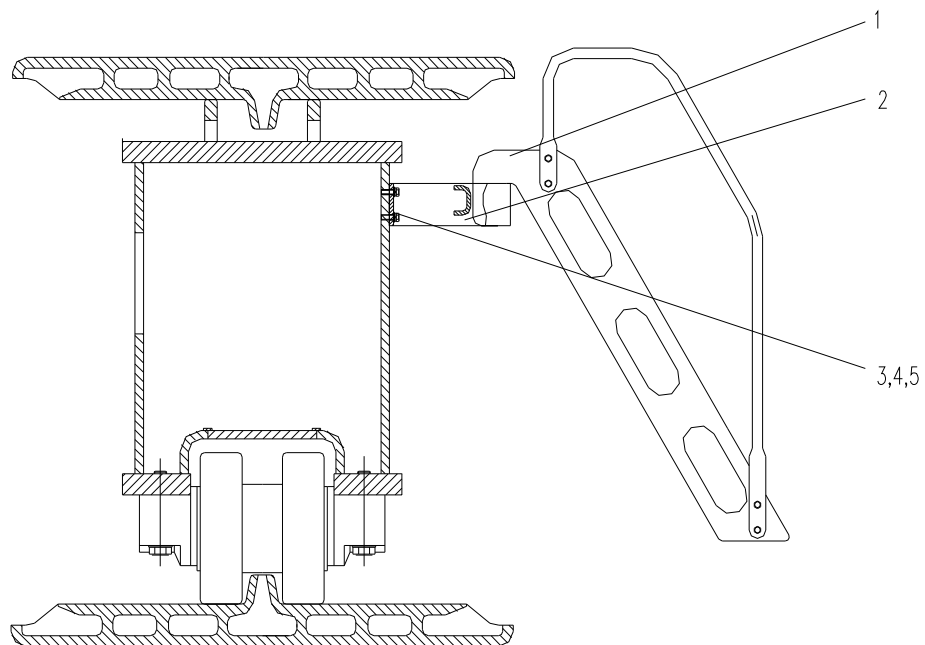
**CRAWLER CARRIER BOLTING CYLINDER
D00663303200000000Y**





CRAWLER CARRIER BOLTING CYLINDER D00663303200000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040300153	Retaining ring 32 GB/T894.1-1986	1
2	00663303200001030	Sleeve ring	1
3	00663303200001040	Retainer ring	1
4	1081000233	D-A-S combination seal ring	1
5	1081000052	O-ring 32*3.5 GB1235-1976	1
6	00663305300001010	Piston	1
7	00663303200200000	Cylinder	1
8	00663303200001020	Piston rod	1
9	00663303200001010	Guide sleeve	1
10	1081400115	Support ring	1
11	1081000027	O-ring 63*5.7 GB1235-1976	1
12	1081000232	U-ring	1
13	1081200014	Dust ring 45*53*6	1

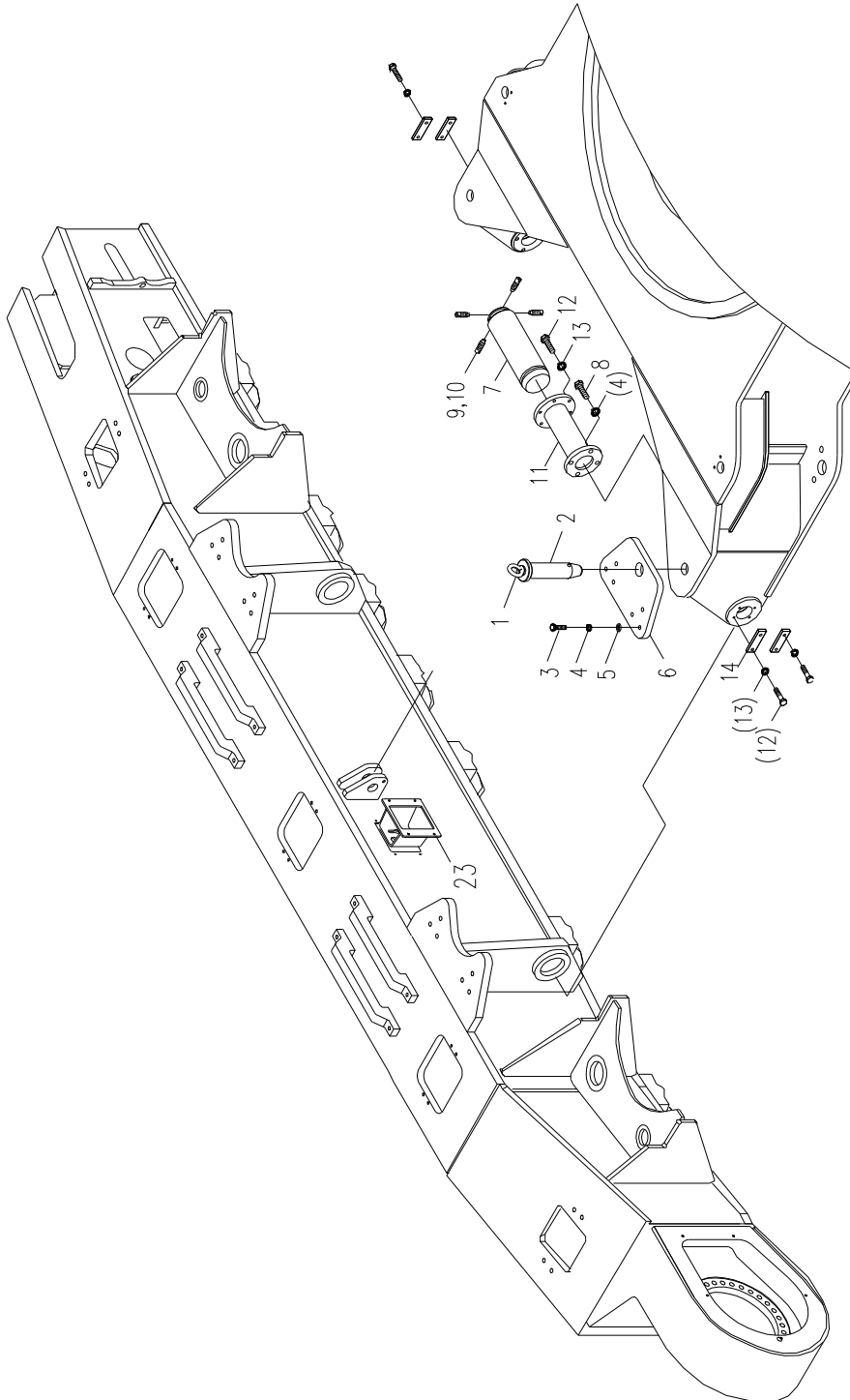
**ASSEMBLY OF LADDER ON CRAWLER CARRIER
D00663304700600001Y**





ASSEMBLY OF LADDER ON CRAWLER CARRIER D00663304700600001Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	00663304700640000	Ladder on crawler carrier	1
1	1109900000	Aluminium – alloy ladder on crawler carrier CCL-2	1
2	00663304700660001	Support	2
3	1040000108	Bolt M12*30-8.8 GB/T5783-2000	8
4	1040300041	Washer 12-200HV GB/T97.1-2002	8
5	1040300054	Washer 12 GB/T93-1987	8

CRAWLER CARRIER ASSEMBLY
D00663409600000000Y

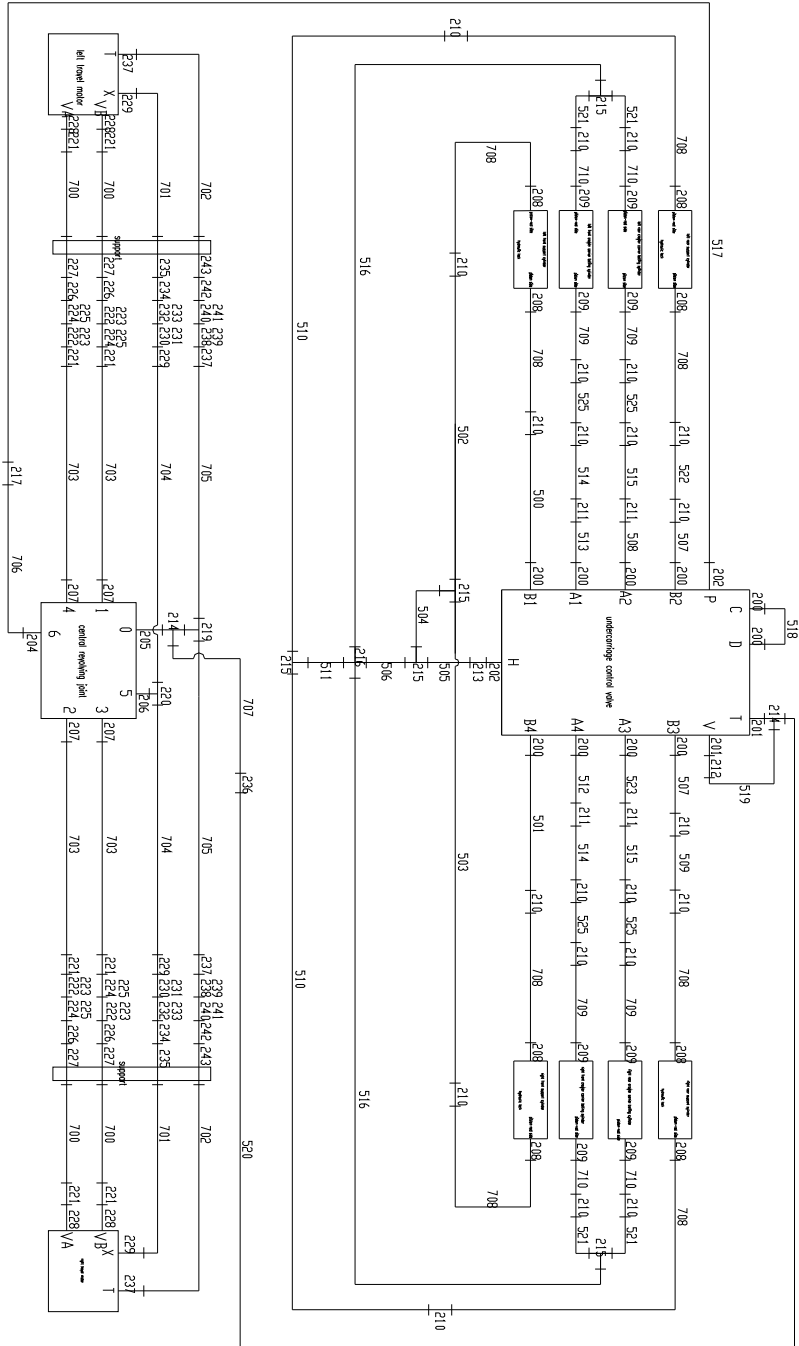




CRAWLER CARRIER ASSEMBLY			
D00663409600000000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1040100100	Screw M20 GB825-1988	4
2	00663309600001010	Shaft	4
3	1040000055	Bolt M20×60-8.8 GB/T5783-2000	24
4	1040300038	Washer 20 GB/T93-1987	48
5	1040300106	Washer 20-200HV GB/T97.1-2002	24
6	00663309600001030	Pressure plate	4
7	00663309600001020	Shaft	4
8	1040000051	Bolt M20×45-8.8 GB/T5783-2000	24
9	00663304900001060	Screw	16
10	202230007	Loctite glue	1
11	00663309600200000	Oil cylinder seat	4
12	1040000140	Bolt M16×45-10.9 GB/T5783-2000	40
13	1040300065	Washer 16 GB/T93-1987	40
14	6340000056	Retaining plate 120	8
15	204110014	Lithium base grease	1

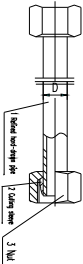


PIPE LAYOUT - UNDERCARRIAGE HYDRAULIC SYSTEM
D0063401/00000002Y



Attached table: sealing elements of two ends of steel pipe

steel pipe, cutting sleeve and nut		specification (l) of	code of specification	code of nut	specification
500-516 518-521-523 525		steel pipe	cutting sleeve		
517		steel pipe	cutting sleeve		
519 520		steel pipe	cutting sleeve		





PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM

D00663401700000002Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
200	1140100692	Fitting	10
201	1140100591	Fitting	4
204	1140100592	Fitting	1
205	1140100622	Fitting	1
206	1140100648	Fitting	1
207	1140100862	Flange assembly	4
208	1140100074	Articulated fitting	8
209	1140101058	Pipe fitting	8
210	1140100596	Fitting	22
211	1140100583	Fitting	4
212	1140100633	Fitting	1
213	1140100541	Fitting	1
214	1140100425	Fitting	2
215	1140100526	Fitting	5
216	1140100646	Fitting	1
217	1140100352	Fitting	1
219	1140100428	Fitting	1
220	1140100283	Fitting	1
221	1140100571	Fitting	8
222	1140101263	Quick release coupling G1 1/4"	4
223	1081200009	Dust cover	4
224	1140101264	Quick release coupling G1 1/4"	4
225	1081200007	Dust cover	4
226	1140100187	Fitting	4
227	1140100625	Fitting	4
228	1140100719	Fitting	4
229	1140100572	Fitting	4
230	1140101253	Quick release coupling G1/4"	2
231	1081200008	Dust cover	2
232	1140101254	Quick release coupling G1/4"	2
233	1081200004	Dust cover	2
234	1140100158	Fitting	2
235	1140100525	Fitting	2
236	1140100623	Fitting	1
237	1140100620	Fitting	4



PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM D00663401700000002Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
238	1140101855	Quick release coupling	2
239	1081200160	Dust wrapper	2
240	1140101854	Quick release coupling	2
241	1081200159	Dust wrapper	2
242	1140100626	Fitting	2
243	1140100624	Fitting	2
450	1990200043	Pipe clamp	16
500	00663401705000002	Steel pipe assy.	1
501	00663401705010002	Steel pipe assy.	1
502	00663401705020002	Steel pipe assy.	1
503	00663401705030002	Steel pipe assy.	1
504	00663401705040002	Steel pipe assy.	1
505	00663401705050002	Steel pipe assy.	1
506	00663401705060002	Steel pipe assy.	1
507	00663401705070002	Steel pipe assy.	2
508	00663401705080002	Steel pipe assy.	1
509	00663401705090002	Steel pipe assy.	1
510	00663401705100002	Steel pipe assy.	2
511	00663401705110002	Steel pipe assy.	1
512	00663401705120002	Steel pipe assy.	1
513	00663401705130002	Steel pipe assy.	1
514	00663401705140002	Steel pipe assy.	2
515	00663401705150002	Steel pipe assy.	2
516	00663401705160002	Steel pipe assy.	2
517	00663401705170002	Steel pipe assy.	1
518	00663401705180002	Steel pipe assy.	1
519	00663401705190002	Steel pipe assy.	1
520	00663401705200002	Steel pipe assy.	1
521	00663401705210002	Steel pipe assy.	4
522	00663401705220002	Steel pipe assy.	1
523	00663401705230002	Steel pipe assy.	1
525	00663401705250002	Steel pipe assy.	4
700	1140203589	Rubber hose assy. H/H3-25*4S-4050(S30)-☆ JB/T8727-2004	4
701	1140202938	Rubber hose assy. H/H3-8*2W-4500(L10) JB/T8727-2004	2

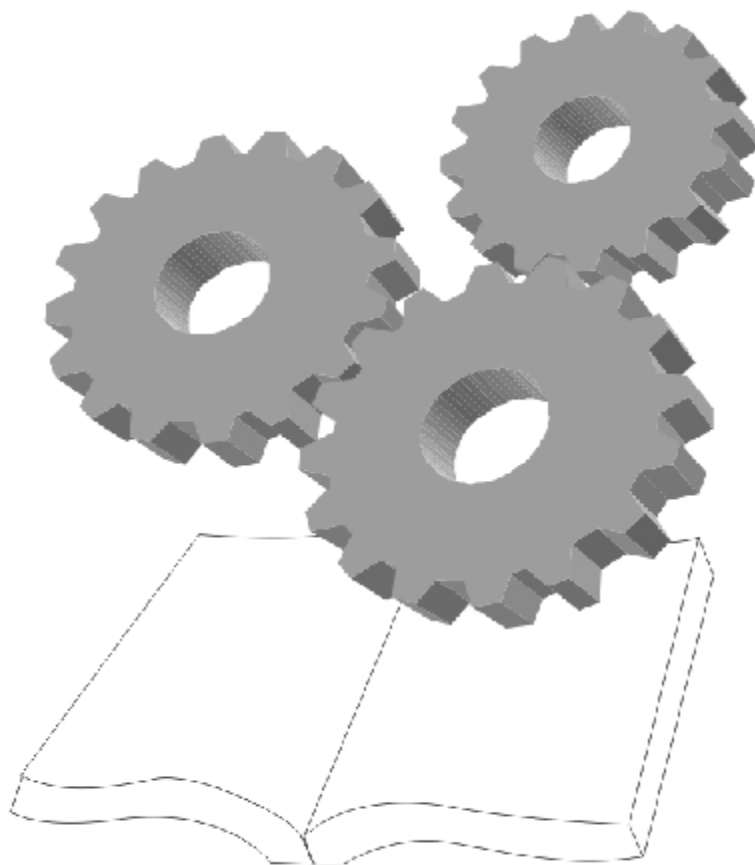
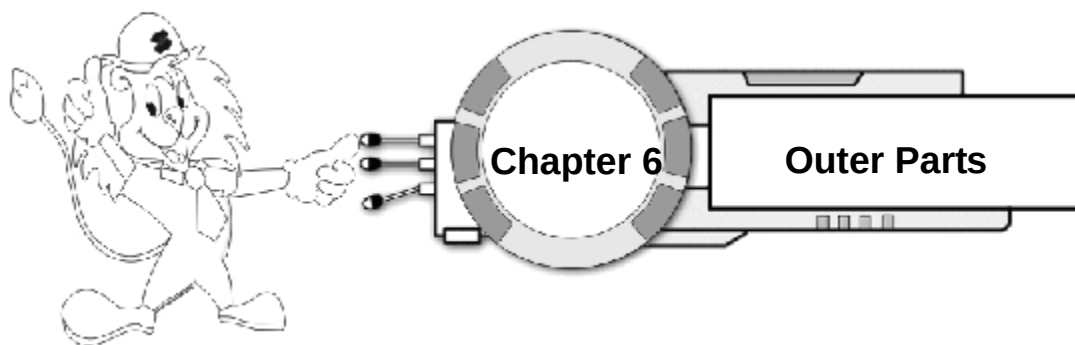


PIPE LAYOUT – UNDERCARRIAGE HYDRAULIC SYSTEM

D00663401700000002Y

POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
702	1140202939	Rubber hose assy. H/H3-16*1W-4000(L18) JB/T8727-2004	2
703	1140203935	Rubber hose assy. H/H3-25*4S-3000(S)-☆ JB/T8727-2004	4
704	1140203582	Rubber hose assy. H/H3-8*2W-3200(L10)-◎ JB/T8727-2004	2
705	1140201754	Rubber hose assy. H/H3-16*1W-3100 JB/T8727-2004	2
706	1140202941	Rubber hose assy. H/H3-13*2W-700(L15)☆ JB/T8727-2004	1
707	1140202099	Rubber hose assy. H/H3-16*1W-1100(L18) JB/T8727-2004	1
708	1140201752	Rubber hose assy. H-8*2W-1100(L)-☆ JB/T8727-2004	8
709	1140202573	Rubber hose assy. H-8*2W-650-◎ JB/T8727-2004	4
710	1140201472	Rubber hose assy. H-8*2W-500(L)-※ JB/T8727-2004	4

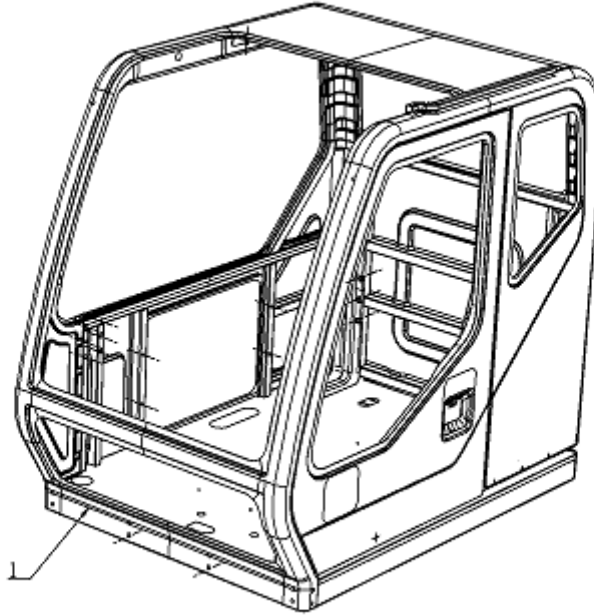




Chapter 6 Outer Parts

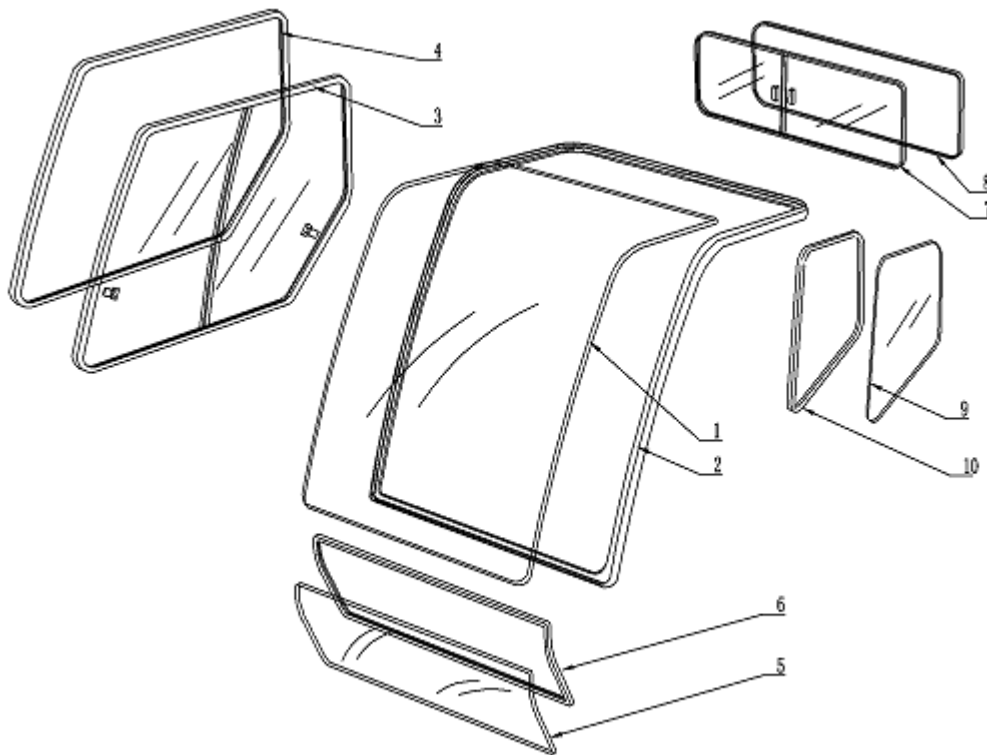
1	Operator's cab	
1.1	Operator's cab D1130000067Y	6-1
2	Engine	
2.1	Diesel engine D1000000004Y	6-17
3	Hydraulic cylinder	
3.1	A-frame erection cylinder D1010200089Y	6-19
3.2	Operator's cab tilting cylinder D1010200003Y	6-21
3.3	Counterweight lifting cylinder D1010200006Y	6-23
4	Load moment limiter assembly D00663405600000002Y	
4.1	Load moment limiter assembly D00663405600400000Y	6-25
4.2	Load moment limiter assembly D00663405600800000Y	6-27

OPERATOR'S CAB-1
D1130000067Y



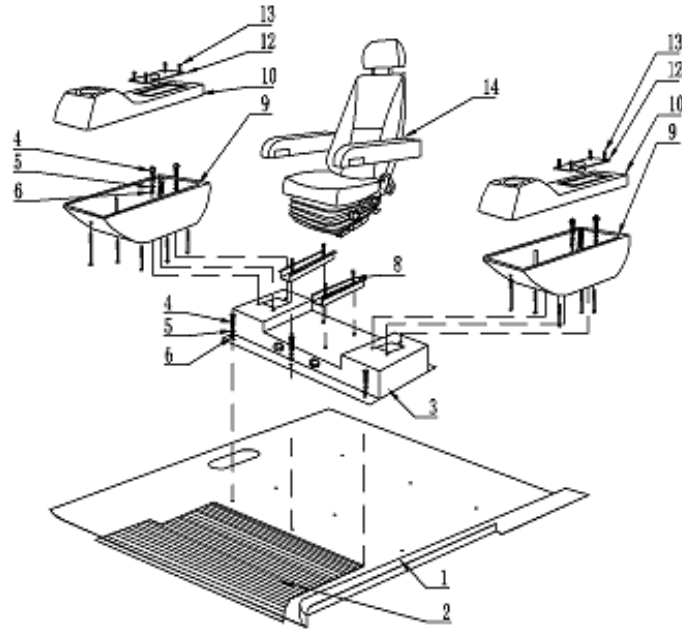
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/53-01070	Front left handrail assy.	1

**OPERATOR'S CAB-2
D1130000067Y**



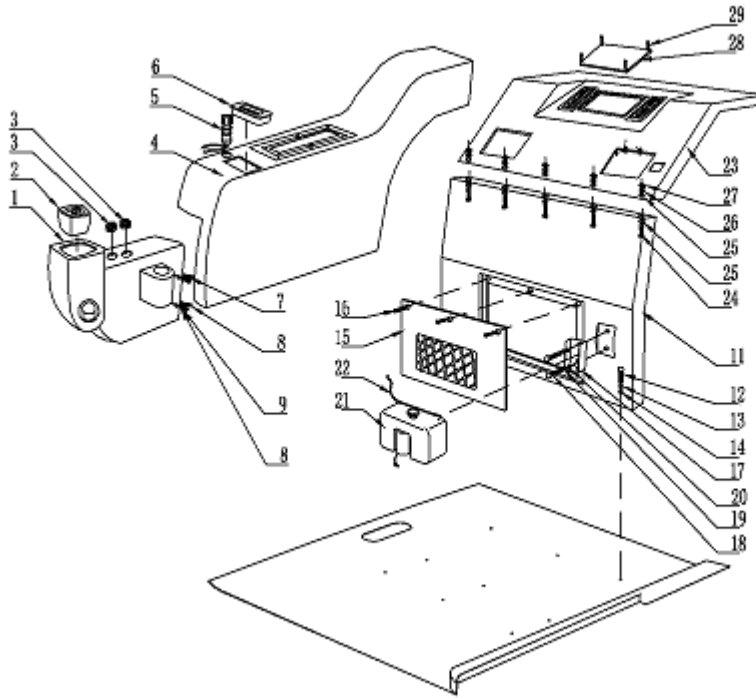
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/54-07011	Upper front windshield	1
2	KATIAO-RSC	Seal strip	1
3	YLD07P/54-04011	Right sliding windowpane	1
4	KATIAO-RSG	Seal strip	1
5	YLD07P/54-07013	Lower front windshield	1
6	KATIAO-RSC	Seal strip	1
7	YLD07P/54-07011	Rear sliding windowpane	1
8	KATIAO-RSC	Seal strip	1
9	YLD07P/54-03011	Left windowpane	1
10	KATIAO-RSC	Seal strip	1

OPERATOR'S CAB-3
D1130000067Y



POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/51-07070	Carpet	1
2	YLD07P/51-07071	Nonslipping mat	1
3	YLD07P/51-07080	Seat base	1
4	Q174B0820	Hexagon head bolt	6
5	Q40308	Spring washer	6
6	Q40108	Flat washer	6
7			2
8	Q2600825	Hexagon-socket bolt	4
9	QY60K	Electrical control box assy.	2
10			2
11			
12	YLD07P/82-08011	Electrical control box cover	
13	Q2140820	Cross head screw	4
14	WPS-1	Seat assy.	1

**OPERATOR'S CAB-4
D1130000067Y**

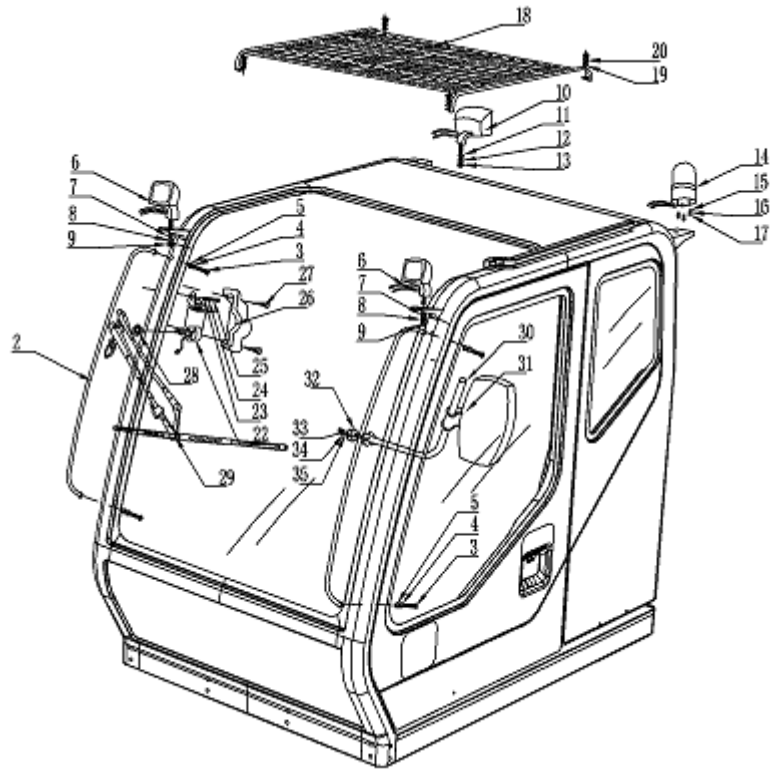


POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/51-02011	Front box	1
2	YLD07P	Storage compartment	1
3	Φ54	Rubber ring	2
4	YLD07P/51-02013	Electrical control box	1
5	DY201	Cigarette lighter	1
6	YHG101	Ash tray	1
7	Q174B0620	Bolt	2
8	Q40106	Flat washer	4
9	Q40306	Spring washer	2
10			2
11	YLD07P/51-02012	Air conditioning cover	1
12	Q174B0820	Bolt	3
13	Q40308	Spring washer	3



OPERATOR'S CAB-4 D1130000067Y			
14	Q40108	Flat washer	3
15	YLD07P/82-08022	Air conditioning lower cover plate	1
16	Q174B0620	Cross head bolt	3
17	PQP/53-06120	Support for windshield wash container	1

**OPERATOR'S CAB-5
D1130000067Y**

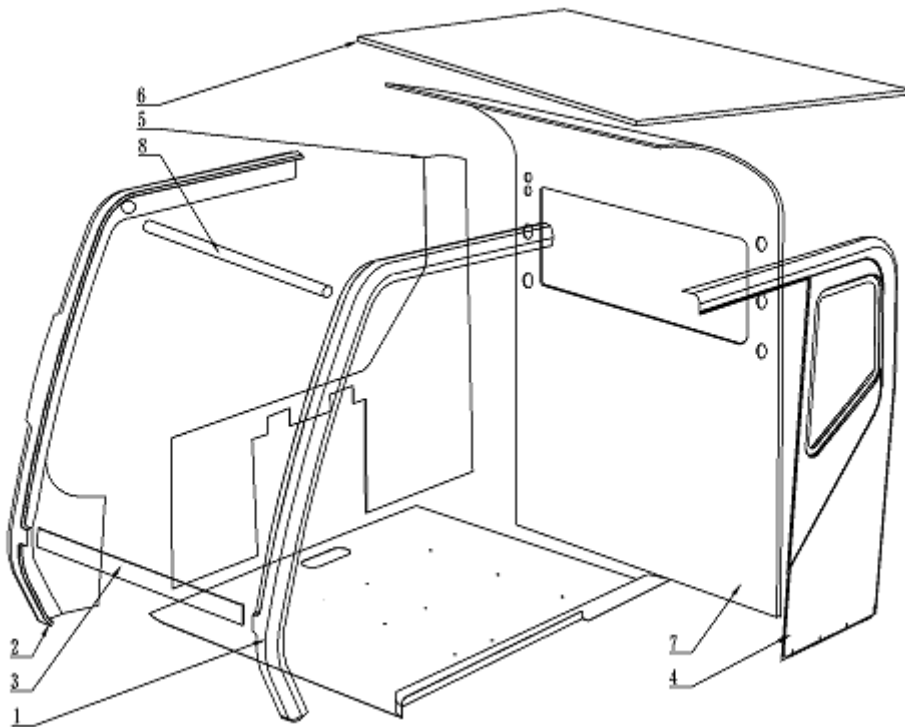


POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/53-01070	Front left handrail assy.	1
2	YLD07P/53-01080	Front right handrail assy.	1
3	Q150B1020	Bolt	4
4	Q40310	Spring washer	4
5	Q40110	Flat washer	4
6	WD135×80-2	Work floodlight	2
7	Q40110	Flat washer	2
8	Q40310	Spring washer	2
9	Q340B10	Nut	2
10	WD135×80-2	Work floodlight	1
11	Q40110	Flat washer	1
12	Q40310	Spring washer	1
13	Q340B10	Nut	1



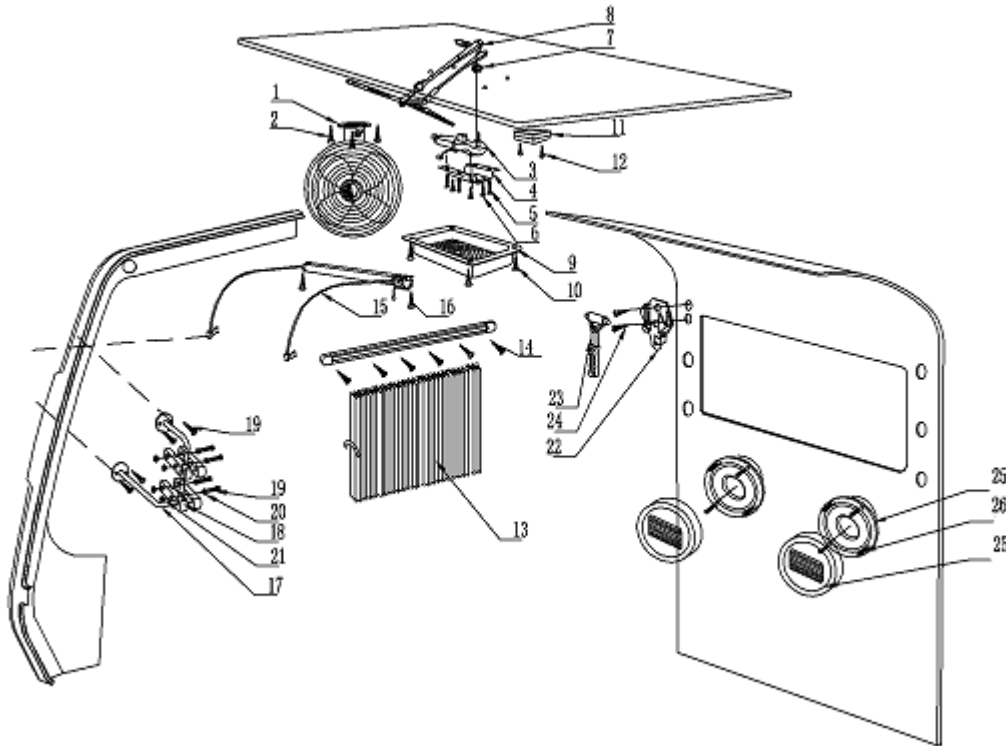
OPERATOR'S CAB-5 D1130000067Y			
14	LTE-1101	Flashing light	1
15	Q40105	Flat washer	3
16	Q40305	Spring washer	3
17	Q340B05	Nut	3
18	YLD07P/57-03010	Protection grille	1
19	Q40110	Flat washer	4
20	Q40310	Spring washer	4
21			4
22	ZD2430-90ZP	Motor for front windshield wiper	1
23	Q150B0620	Bolt	1
24	Q40306	Spring washer	1
25	Q40106	Flat washer	1
26	YLD07P/53-09090	Cover of motor for front windshield wiper	1
27	Q2713516	Self-drilling screw	2
28	Q370C06	Nut	1
29	700×600	Front windshield wiper	1
30	YLD07P/53-05071	Support for rear-view mirror	1
31	DASHIYE	Rear-view mirror	1
32	YLD07P/53-05072	Seat for rear-view mirror	1
33	Q2140620	Bolt	2
34	Q40306	Spring washer	2
35	Q40106	Flat washer	2

**OPERATOR'S CAB-6
D1130000067Y**



POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/53-07031	Inner guard plate, front left post	1
2	YLD07P/53-07041	Inner guard plate, front right post	1
3	YLD07P/53-07042	Inner guard plate, front cross beam	1
4	YLD07P/54-07011	Inner guard plate, left side	1
5	YLD07P/54-07012	Inner guard plate, right side	1
6	YLD07P/57-07010	Inner guard plate, top side	1
7	YLD07P/56-07011	Inner guard plate, rear side	1
8			1
9	Φ30	Cross support rod of sun visor	1

OPERATOR'S CAB-7
D1130000067Y

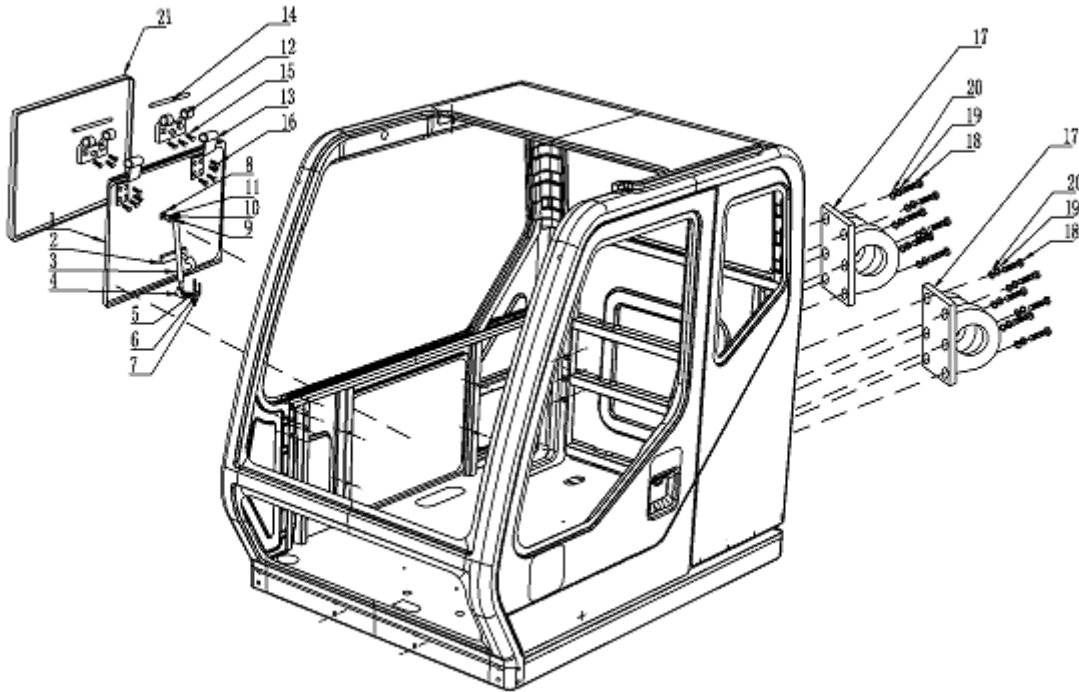


POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	BFG28	Fan	1
2	Q2140620	Bolt	3
3	ZD2330A-5	Motor for roof windshield wiper	1
4	RSG/57-05010	Support of motor for roof windshield wiper	1
5	Q2140620	Bolt	4
6			3
7	Q340B16	Nut	1
8	450×400	Roof windshield wiper	1
9	RSG2/37-02012	Protective cover of motor for roof windshield wiper	1
10	Q2713516	Self-drilling screw	4
11	EQ153	Interior light	1
12	Q2713516	Self-drilling screw	1
13	YLD07/54-01212	Curtain assy.	1



OPERATOR'S CAB-7 D1130000067Y			
14	Q2713516	Self-drilling screw	6
15	YLD07/82-08120	Sun visor	1
16	Q2713516	Self-drilling screw	2

**OPERATOR'S CAB-8
D1130000067Y**

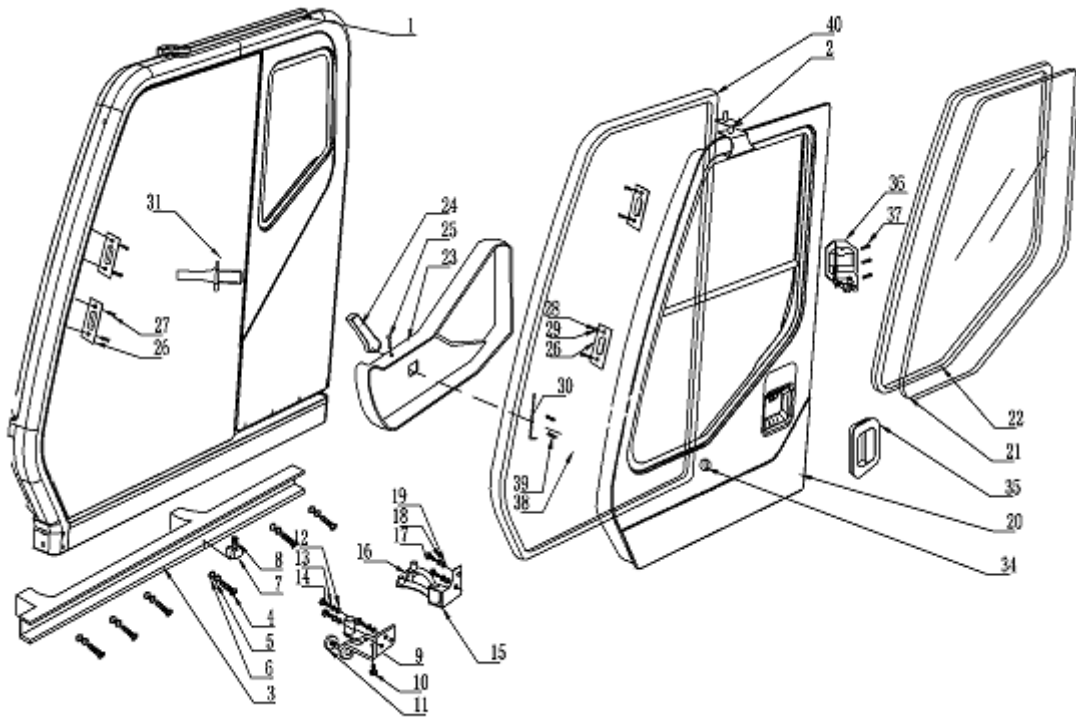


POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/54-07080	Inspection hole cover assy.	1
2	DQS-101	Inspection hole cover lock assy.	1
3	380	Gas spring assy.	1
4	PW06SJN-1	Gas spring lower brace	1
5	Q2140620	Bolt	2
6	Q40306	Spring washer	2
7	Q40106	Flat washer	2
8	PW06SJN-2	Gas spring upper brace	1
9	Q2140620	Bolt	2
10	Q40306	Spring washer	2
11	Q40106	Flat washer	2
12	YLD07P/54-07094	Main arm- hinge assy.	2
13	YLD07P/54-07091/92	Left and right arm- hinge assy.	2



OPERATOR'S CAB-8 D1130000067Y			
14	YLD07P/56-07093	Pin-hinge assy.	2
15	Q2140620	Bolt	6
16	Q2140620	Bolt	6

OPERATOR'S CAB-9
D1130000067Y

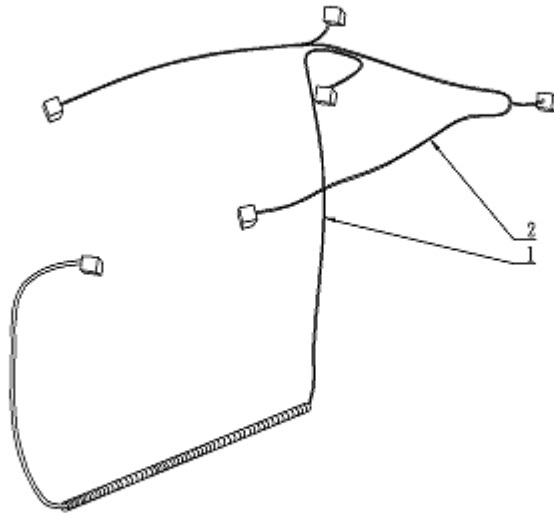


POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD7P/57-02010	Upper guides assy.	1
2	YLD7P/61-03010	Lower hinged brace assy.	1
3	YLD7P/51-08011	Lower guides on left door	1
4	Q2140620	Bolt	6
5	Q40306	Spring washer	6
6	Q40106	Flat washer	6
7	YLD7P/61-0706	Limit magnet steel assy.	1
8	Q2140620	Bolt	2
9	YLD7P/61-03020	Front lower brace assy.	1
10	Q1740815	Bolt	1
11	Z629	Bearing	1
12	Q1740815	Bolt	3
13	Q40308	Spring washer	3



OPERATOR'S CAB-9 D1130000067Y			
14	Q40108	Flat washer	3
15	YLD7P/61-03030	Rear lower roller brace assy.	1
16	Z629	Bearing	1
17	Q1740815	Bolt	2
18	Q40308	Spring washer	2
19	Q40108	Flat washer	2
20	YLD7P/61-00010	Left door	1

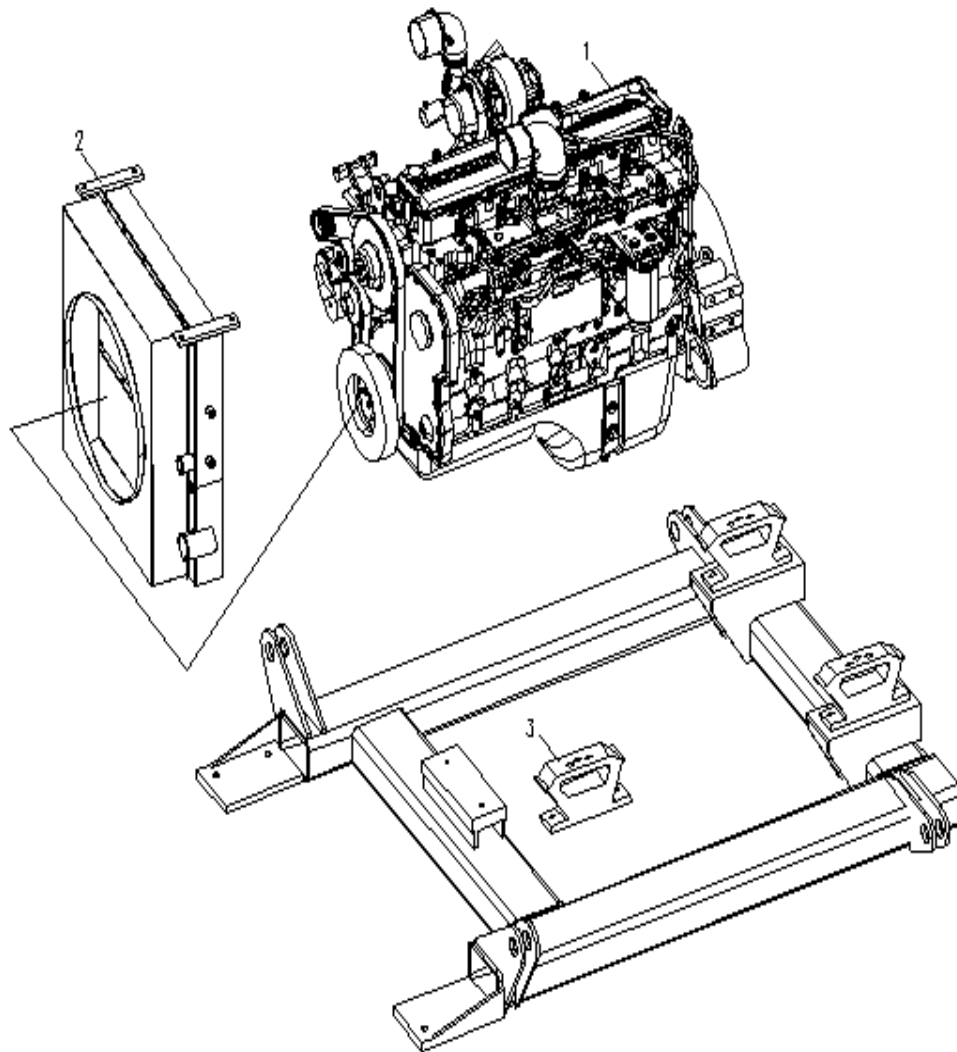
OPERATOR'S CAB-10
D1130000067Y



POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	YLD07P/40-24070	Front post wiring harness assy.	1
2	YLD07P/40-24080	Top wiring harness assy.	1

DIESEL ENGINE

D1000000004Y

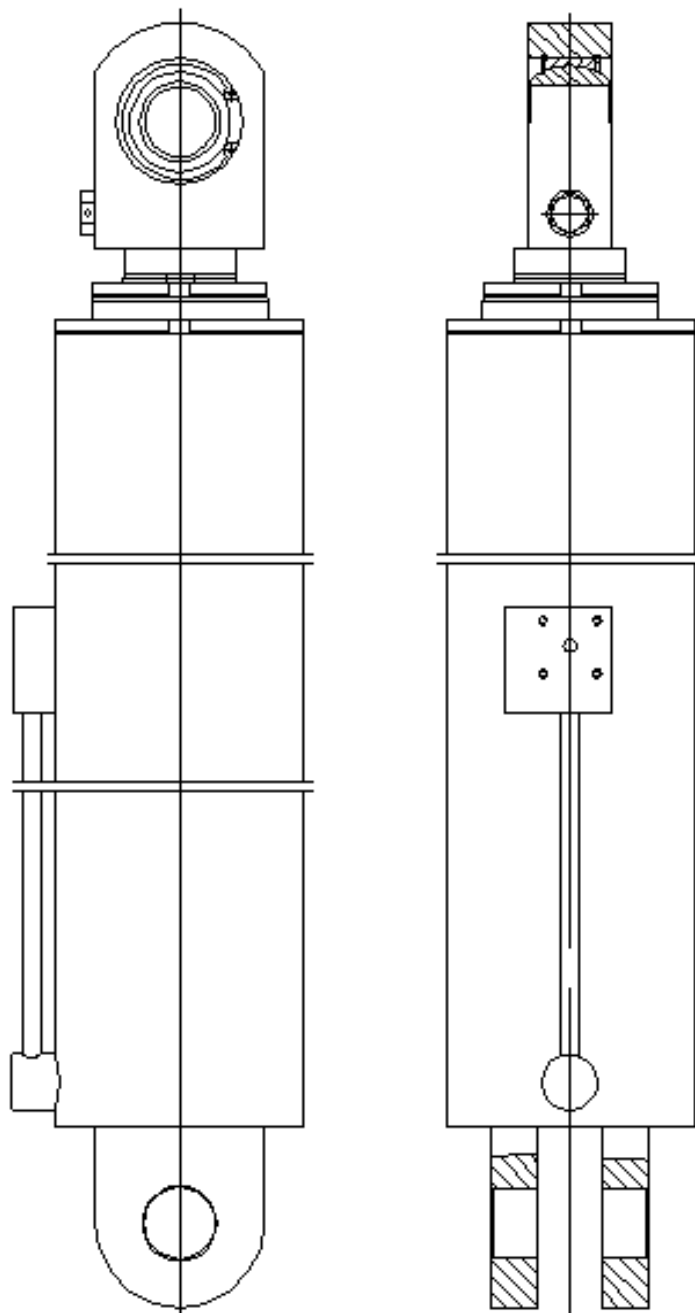




DIESEL ENGINE D1000000004Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1000000039	Diesel engine	1
2	1000300013	Radiator	1
3	1001500001	Wedge support assy.	4

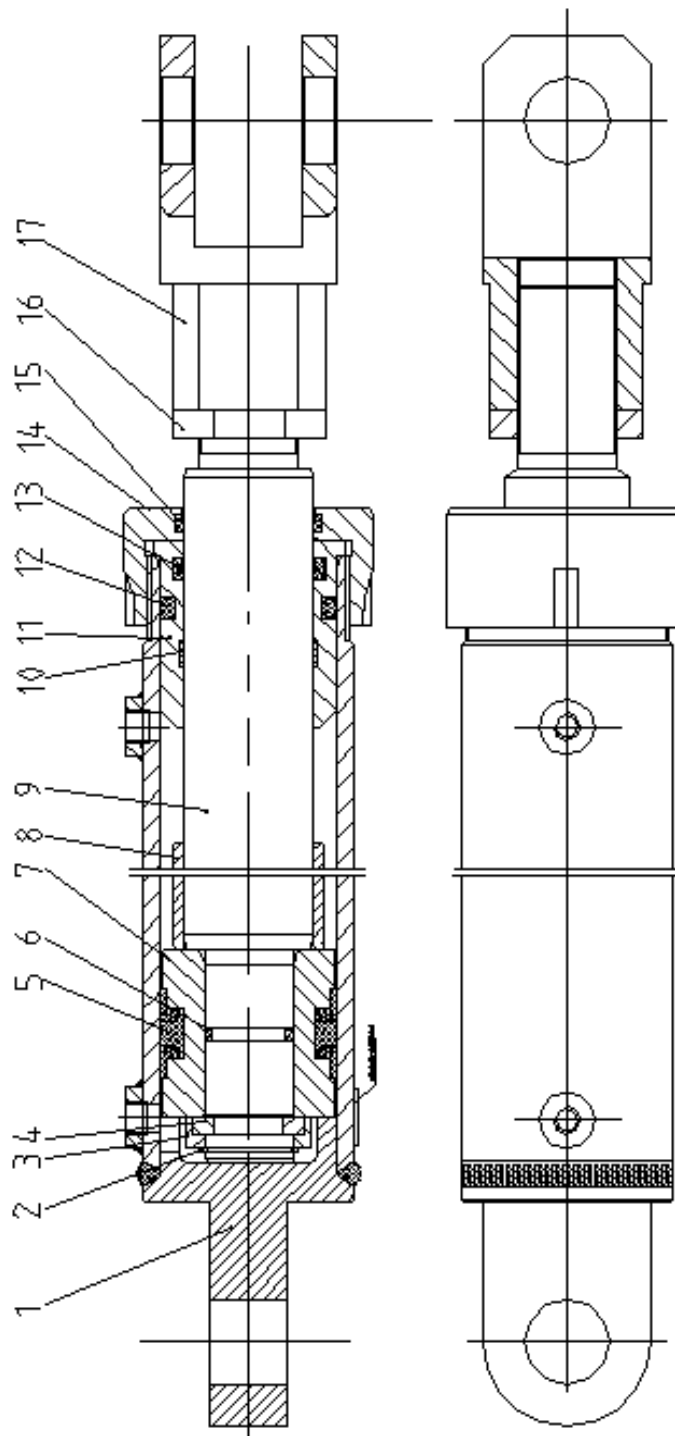
A-FRAME ERECTION CYLINDER

D1010200089Y





OPERATOR'S CAB TILTING CYLINDER
D1010200003Y

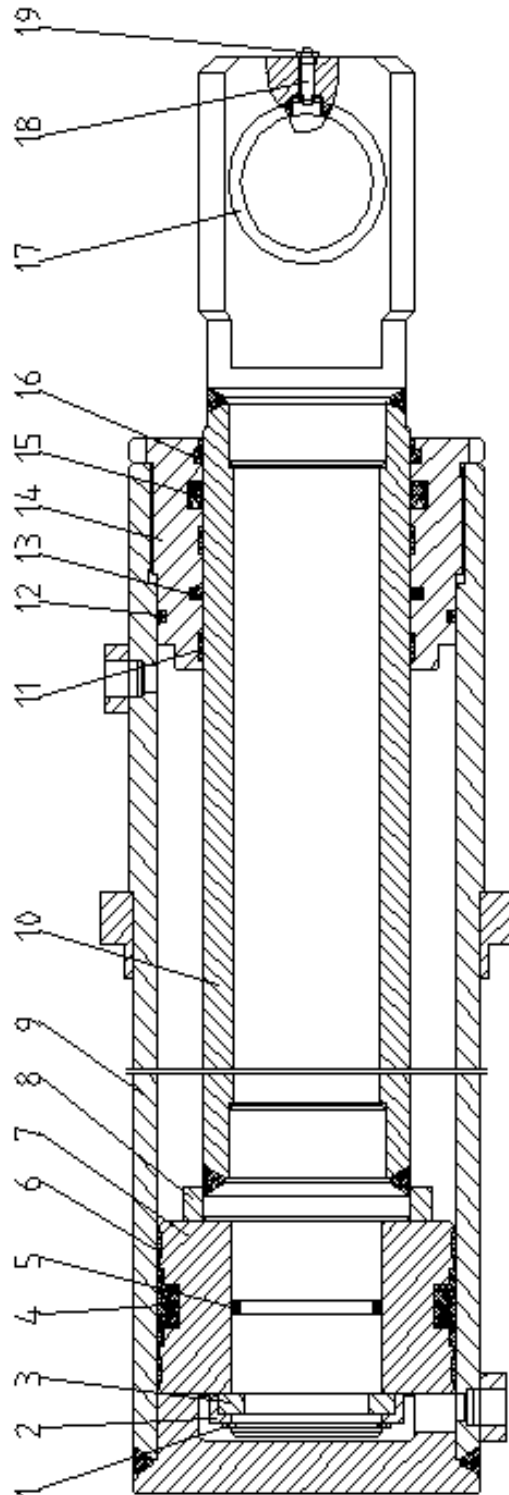




OPERATOR'S CAB TILTING CYLINDER D1010200003Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	SYG63/45-170-1000	Cylinder	1
2	GB894.1-86-32	Elastic retainer ring	1
3	Q8-7-1-2	Sleeve ring	1
4	Q8-7-1-3	Retainer ring	1
5	PCB1A0630-NCRO	DAS combination sealing ring	1
6	GB1235-76	O-ring 32x3.5	1
7	095-21000-101	Piston	1
8	SYG63/45-170-2000	Spacing sleeve	1
9	SYG63/45-170-3000	Piston rod	1
10	GR6900450-C380	Guide ring	1
11	095-21000-102	Guide bush	1
12	GB1235-76	O-ring 63x5.7	1
13	RU3000450-WUAQ3	U-ring	1
14	095-21000-103	Cover	1
15	WD1700450-N9	Dust ring	1
16	GB6173-86	Nut M36x3	1
17	1330-730000-1020	Link fork	1

COUNTERWEIGHT LIFTING CYLINDER

D1010200006Y

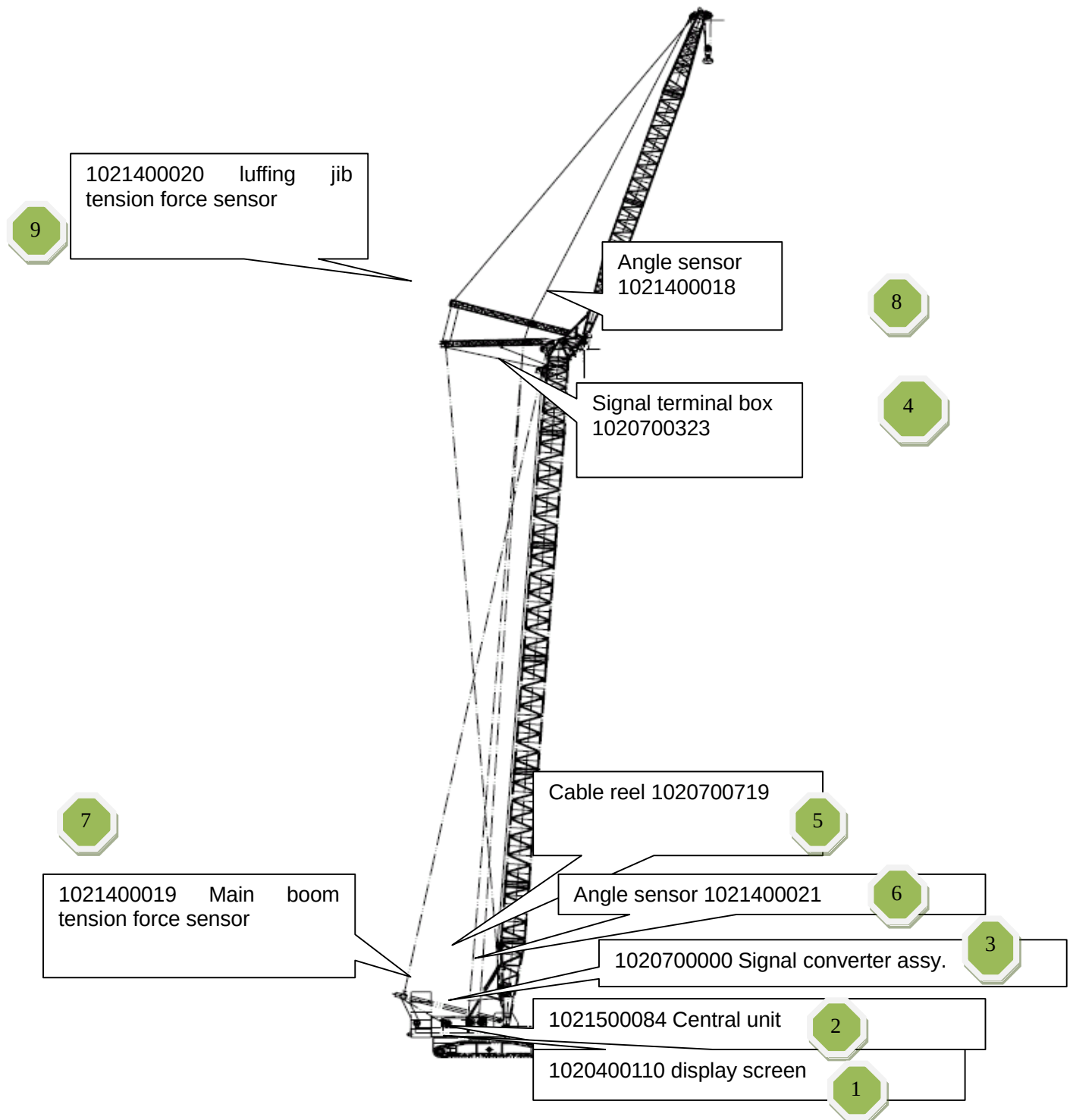




COUNTERWEIGHT LIFTING CYLINDER D1010200006Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	GB894.1-86	Retainer ring 90	1
2	070-20000-102	Sleeve ring	1
3	070-20000-103	Retainer ring	1
4	PCB1A1800-NCRO	Combination sealing ring	1
5	GB1235-76	O-ring 90X5.7	1
6	GP7301900-C380	Supporting ring	2
7	1340-340000-1010	Piston	1
8	1330-340000-1010	Spacing sleeve	1
9	1340-340020-0000	Cylinder	1
10	1330-340040-0000	Piston rod	1
11	GR7301250-C380	Supporting ring	2
12	GB1235-76	O-ring 180X5.7	1
13	RS1301250-T46N	Step seal	1
14	1340-340000-1020	Guide bush	1
15	RU3001250-WUAQ3	U-ring	1
16	WD1701250-N9	Dust ring	1
17	1330-340000-1020	Bush	1
18	Q8-6-1	Positioning pin	1
19	GB1152-89	Oil cup M10X1	1



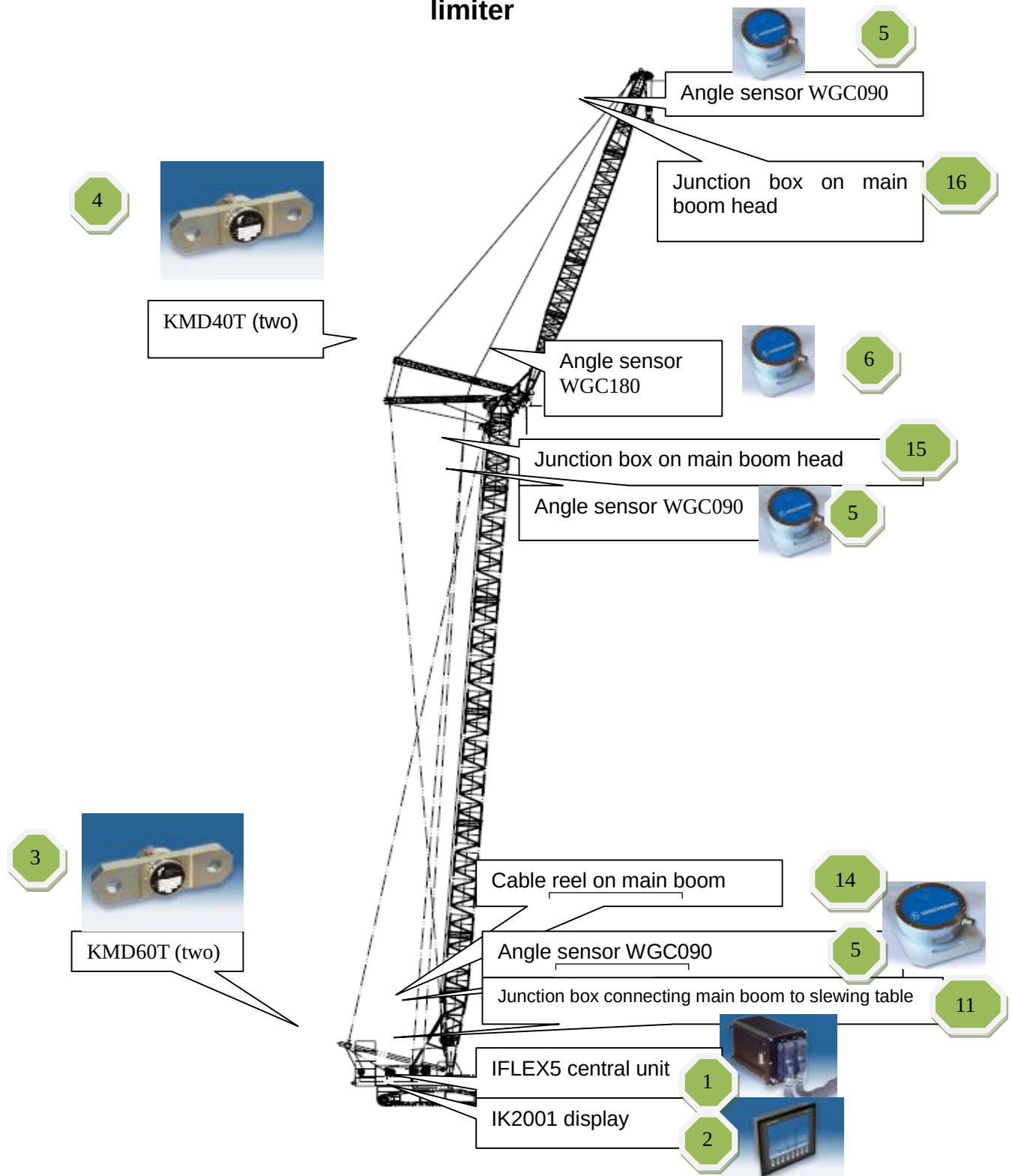
Mounting diagram for main components of QUY260 load moment limiter





LOAD MOMENT LIMITER ASSEMBLY D00663405600400000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1020400110	Display screen	1
2	1021500084	Central unit	1
3	1020700000	Signal converter assy.	1
4	1020700323	Signal terminal box	1
5	1020700719	Cable reel	1
6	1021400021	Angle sensor	1
7	1021400019	Main boom tension force sensor	2
8	1021400018	Angle sensor	1
9	1021400020	Luffing jib tension force sensor	2
10	1020700495	Signal line and terminal	1
		1# cable DOOOX1, MOOOX6	1
		2# cable MOOOX1, tension force sensor on the right side of main boom	1
		3# cable MOOOX2, tension force sensor on the left side of main boom	1
		4# cable MOOOX3, angle sensor on main boom pivot section	1
		5# cable MOOOX4, PLC	1
		6# cable MOOOX5, LOOOX4	1
		7# cable LOOOX3, crane electrical control box	1
		8# cable LOOOX1, cable reel	1
		9# cable HTOOX1, RBOOX1	1
		10# cable HTOOX2, angle sensor on luffing jib pivot section	1
		11# cable HTOOX3, tension force sensor on the right side of luffing jib	1
		12# cable HTOOX4, tension force sensor on the left side of luffing jib	1

Mounting diagram for main components of QUY260 load moment limiter





LOAD MOMENT LIMITER D00663405600800000Y			
POS.	ITEM	DESCRIPTION & SPECIFICATION	QTY.
1	1021500358	Extended central unit	1
2	1020400382	Color display	1
3	1020701436	Tension force sensor	2
4	1020701438	Tension force sensor	2
5	1021400179	90° angle sensor	1
6	1021400180	180° angle sensor	1
8	1020701484	CANBUS communication cable	1
9	1020701482 1020701483	70-core cable	1
10		Cable assy. Between electrical control box and slewing table (15-core, 8.5m long)	
11	1020701479	Slewing table terminal plate assy.	1
12	1020701468	10-core cable assy.	1
13	1020701469	10-core cable assy.	1
14	1020701242	Cable drum assy.	1
15	1020701480	Terminal plate assy.	1
16	1020701481	Terminal plate assy.	1
17	1020701470	4-core cable assy.	1
18	1020701471	4-core cable assy.	1
19	1020701472	4-core cable assy.	1
20	1020701473	4-core cable assy.	1
21	1020701474	4-core cable assy. (4m)	1
22	1020701475	4-core cable assy. (4m)	1
23	1020701478	4-core cable assy. (2m)	1
24	1020701477	4-core cable assy. (7.5m)	1