

ZOOMLION

ZT38JE

Parts Manual

Apr 2023 Version A

Foreword

Foreword Zoomlion appreciates your choice of our machine for your application. The Parts Manual must be read and understood in its entirety before operating the machine.

This manual introduces you the components and significant technical specs of telescopic boom lifts in detail for working efficiency improving. Keep this manual properly at all times for looking up.

Do not attempt to maintain and repair the product without carefully reading and understanding the contents of this manual. If you have any questions or concerns, please call your local service engineer and we will provide you with timely and effective technical support. Zoomlion Access does not take the consequence of wrong operation.

This manual should be considered a permanent part of your machine and should remain with the machine at all times.

The content is under intellectual property protection, permission is required for a copy or other application.

There might be some tiny differences in details between your machine and the upgraded one due to the continuous improving. For clarification, questions, or additional information regarding any portions of this manual, contact Zoomlion Access.

Our company reserves the right to modify this manual as technical improvement without notice.

Thank you for your trust and support for Zoomlion products!

Zoomlion Intelligent Access Machinery CO.,LTD.

Contents

Foreword	I
Content.....	II
SECTION ONE PLATFORM.....	1-1
Work platform 02556200110000000	1-1
Platform assembly 02551500100200000	1-3
Tray assembly 00771400120400001	1-5
Anti-crushing device 00771600122300000	1-7
SECTION TWO BOOM.....	2-1
Jib 00771900210000000	2-2
Boom assembly 02556200300000000	2-4
Chain system 00771900740000000	2-24
SECTION THREE TURNTABLE	3-1
Turntable assembly 02556200810000000	3-1
Rotary mechanism 00771900900000000	3-4
Counterweight assembly 02556201010000000	3-7
Hood assembly 02556201110000000	3-9
SECTION FOUR CHASSIS	4-1
Chassis assembly 02556202800000000	4-1
SECTION FIVE POWER SYSTEM.....	5-1
Power line 02556206210235000 (Weichai battery)	5-1
SECTION SIX HYDRAULIC SYSTEM	6-1
Functional pump assembly installation 02556205210601010	6-1
Emergency pump assembly installation 02556205210601020	6-3
Filter assembly installation 02556205210601020	6-5
Float control valve installation 02556205210601040	6-7
Steering axle extending valve installation 02556205210601050	6-9
Stop valve installation of turntable and chassis 02556205210601060	6-11
Swivel joint installation 02556205211200000	6-13
Hydraulic tank 02556205212600000	6-15

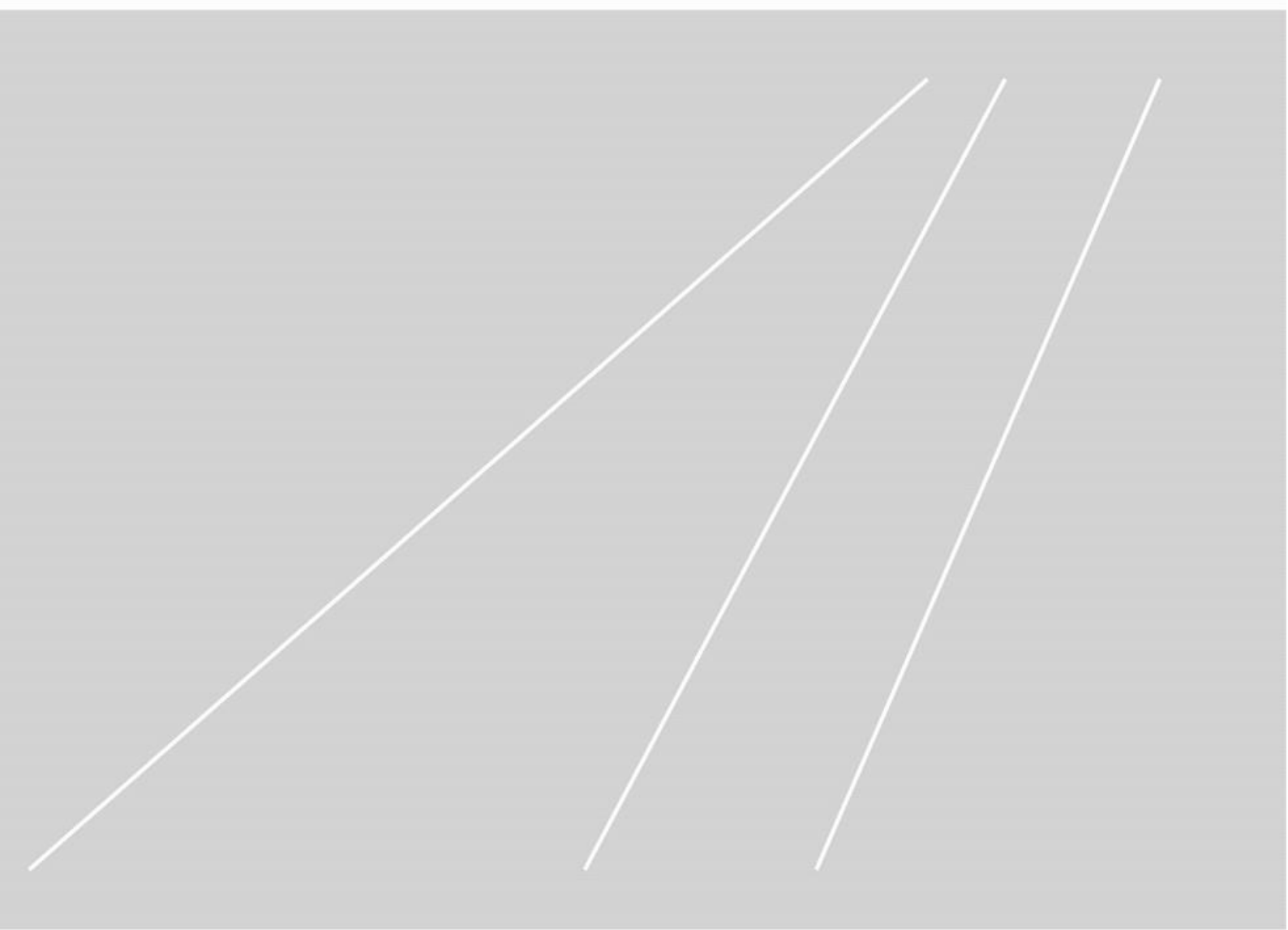
Contents

Main valve assembly installation 02556205210801010	6-17
Stop valve assembly installation 02556205210801020.....	6-19
Platform hydraulic components installation (filter) 02556205211600000	6-21
Platform hydraulic components installation (platform valve)02556205211600000	6-23
Rotary motor balance valve installation 02556205211401010	6-25
Lifting balance valve installation 02556205211401020	6-27
Telescopic balance valve installation 02556205211401030	6-29
Leveling balance valve installation 02556205211401050	6-31
Jib balance valve 02556205211401061	6-33
Outrigger telescopic balance valve installation 02556205211001020.....	6-35
Float balance valve installation 02556205211001010	6-37
SECTION SEVEN ELECTRIC SYSTEM.....	7-1
Turntable electric cables 02556206210231000 (Weichai battery)	7-1
Plarform electric cables 02556206210234000 (Weichai battery)	7-3
Boom electric cables 02556206210233000 (Weichai battery)	7-5
Chassis electric cables 02556206210236000 (Weichai battery)	7-7
Chain electric cables assembly 00771906200440011 (Weichai battery)	7-11
SECTION EIGHT DECAL.....	8-1
Decal 00771607000000000.....	8-1

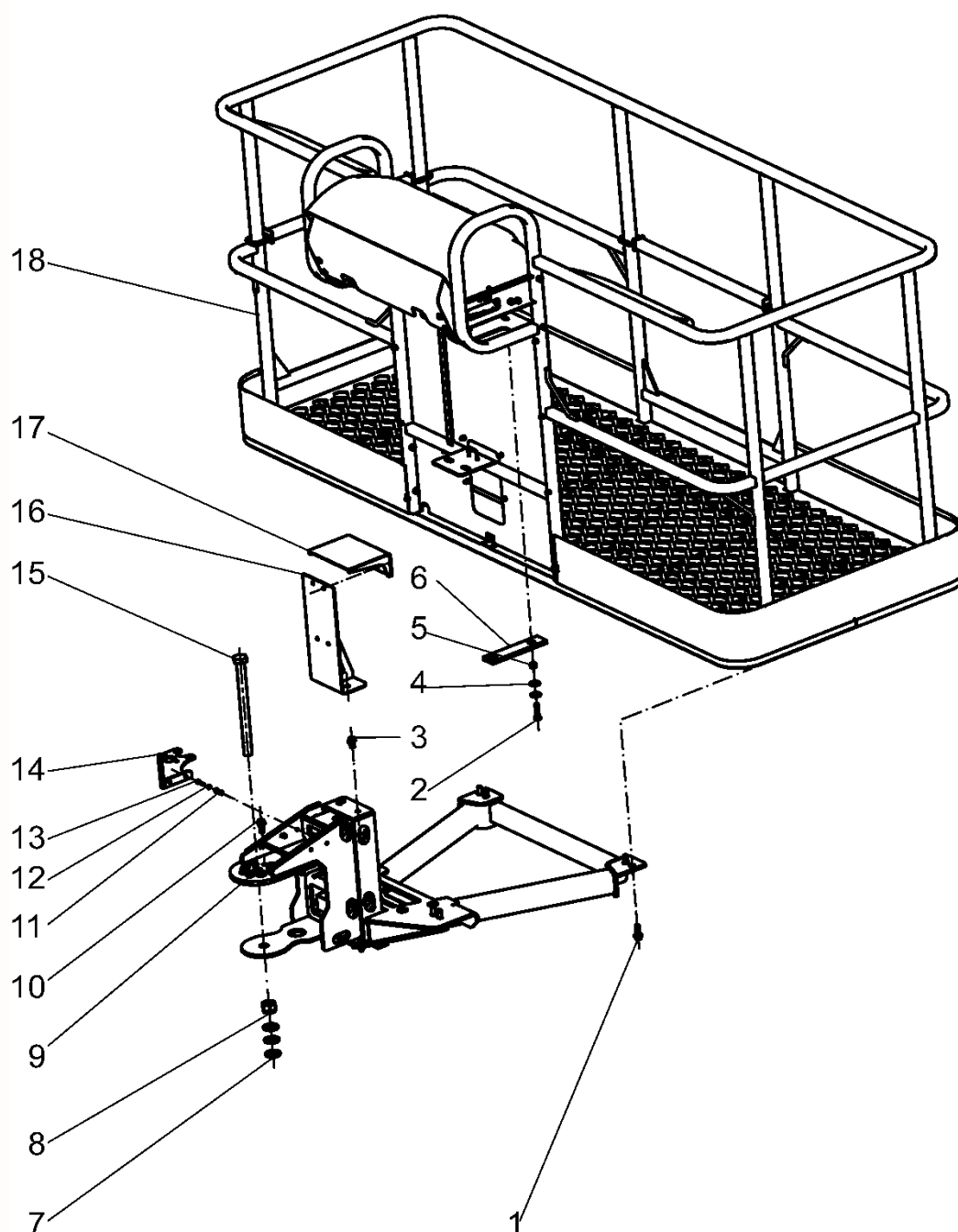
ZOOMLION

Parts Manual

Section 1 Work Platform



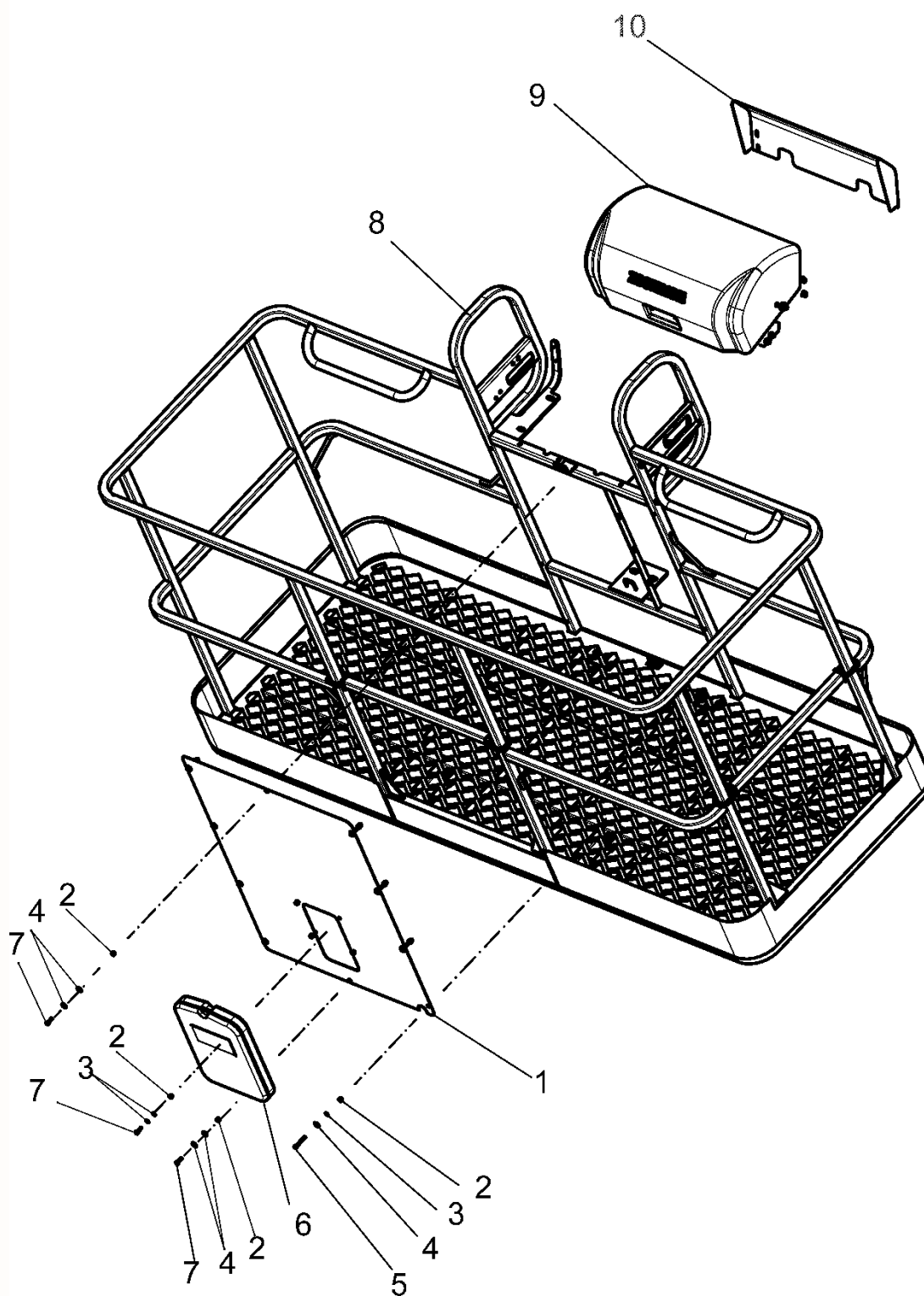
Work Platform 02556200110000000



Work Platform 02556200110000000

No.	Material Code	Item and Spec	Qty	Remark
1	1040004556	Bolt M12×35-8.8	8	GB/T16674.1-2016
2	1040004508	Bolt M10×45-8.8	4	GB/T5783-2000
3	1040005852	Bolt M12×20-8.8	2	GB/T5787-2000
4	1040302512	Washer 10-200HV	8	GB/T96.1-2002
5	1040200504	Nut M10-8	4	GB/T889.1-2000
6	00772700100001020	Rubber pad Tp10	2	
7	1040301511	Washer 24-200HV	3	GB/T97.1-2002
8	1040201111	Nut M24-10	1	GB/T889-1986
9	00771400120400001	Tray assembly	1	
10	1040006525	Bolt M12×30-10.9	8	
11	1040201896	Nut M6-8	2	GB/T889.1-2015
12	1040300771	Washer 6-200HV	4	GB/T97.1-2002
13	1040006017	Screw M6×25-A2-70	2	
14	00771600101000000	Filter bracket welds	1	
15	00771400100401081	Self-made bolt φ42	1	
16	02556200100800000	Hydraulic valve bracket welds	1	
17	00771600111000000	Platform hydraulic valve cover	1	
18	02551500100200000	Platform assembly	1	

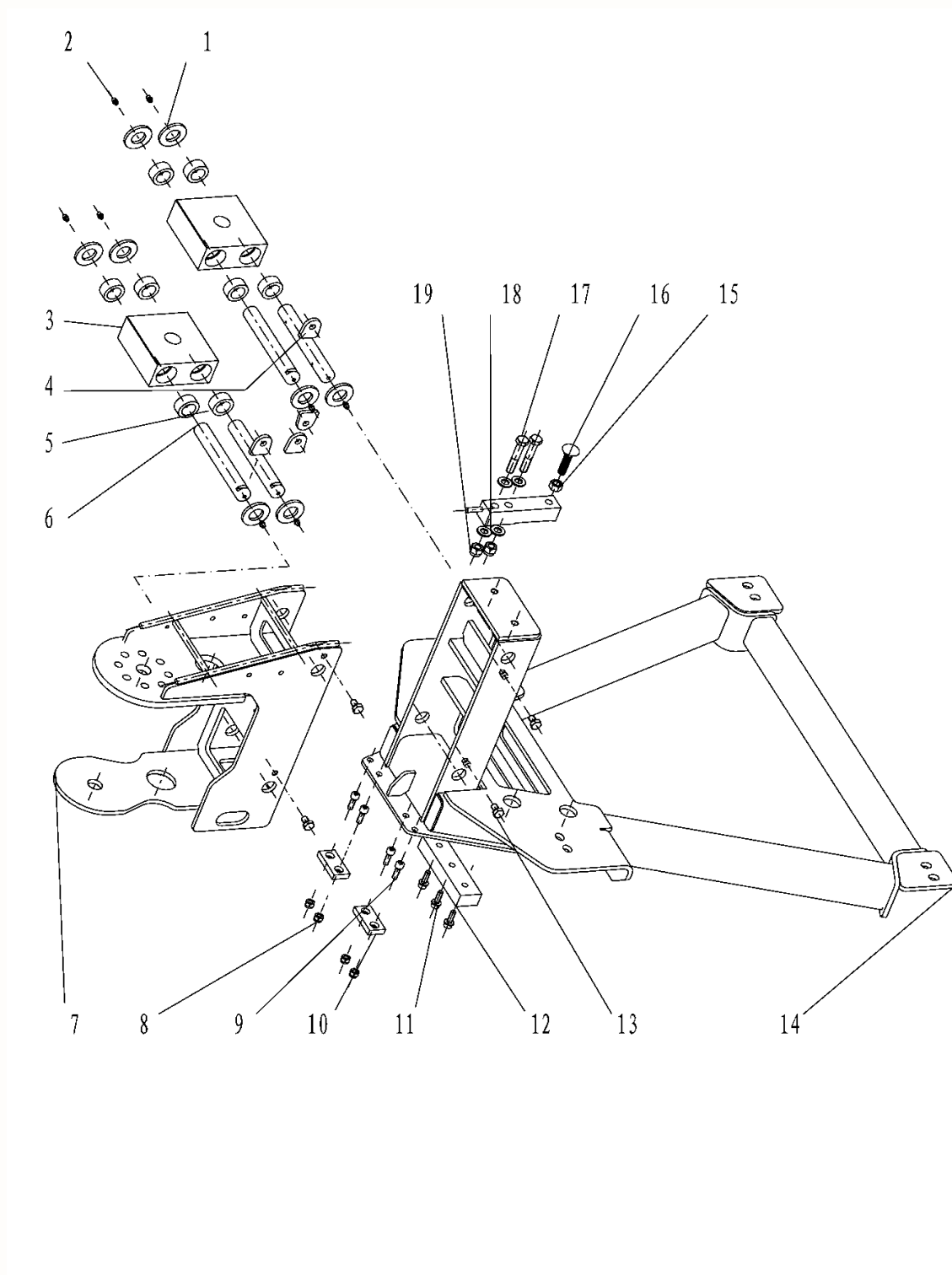
Platform assembly 02551500100200000



Platform assembly 02551500100200000

No.	Material Code	Item and Spec	Qty	Remark
1	00771100110201012	Dam-board Tp0.8	1	
2	1040201896	Nut M6-8	14	GB/T889.1-2015
3	1040300771	Washer 6-200HV	16	GB/T97.1-2002
4	1040300735	Washer 6-200HV	12	GB/T96.1-2002
5	1040102017	Screw M6×25-A2-70	8	
6	1999904986	Document box ZJ1145029 355×280×55	1	
7	1040102372	Hexagon socket cap screws M6×20-A2-70	6	GB/T70.1-2000
8	02551500100210000	Platform welds	1	
9	00771100110230000	Hood installation	1	
10	00771100110240000	Backplate welds	1	
11	1022397102	Open bellows	1	

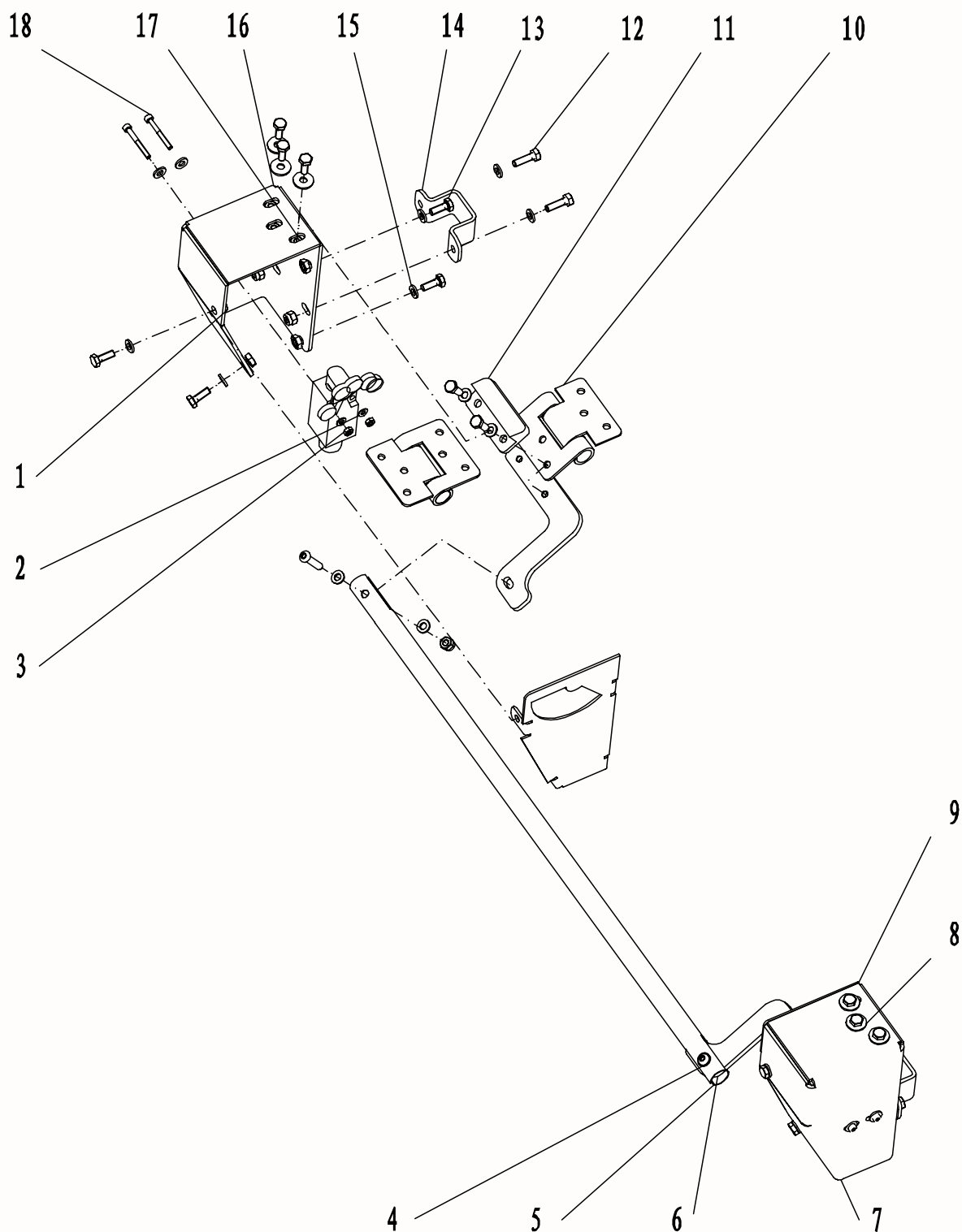
Tray assembly 00771400120400001



Tray assembly 00771400120400001

No.	Material Code	Item and Spec	Qty	Remark
1	00773400130401040/A	Block IT5	8	
2	1080000005	Oil cup M6×1	8	
3	02564400100401010/B	Linkage Tp50	2	
4	02564400100401030/B	Guide plate Tp6	4	
5	1054600077	Roller bearing	8	
6	02564400100401020/B	Axle Φ25	4	
7	00772700100410001/B	Transition seat	1	
8	1040200503	Nut M8-8	4	
9	1040103112	Screw M8×25-8.8	7	
10	00773400130401060/C	Block IIIT10	2	
11	1040301515	Washer 8-200HV	3	
12	00773400100401040/A	Block Tp30	1	
13	1040004646	Bolt M10×15-8.8	4	
14	00771400120420001/C	Tray welds	1	
15	1040201381	Nut M12-8	1	
16	1040006458	Strengthen half round head square diameter bolt	1	M12×50-8.8
17	1040001703	Bolt M12×65-10.9	2	
18	1040302490	Washer 10-200HV	4	
19	1040201163	Nut M12-10	2	

Anti-crushing device 00771600122300000



Anti-crushing device 00771600122300000

NO.	Material NO.	Item and Spec	Qty	Note
1	00771600122301250	Limit plate welds ITp2	1	
2	1040302410	Washer 4-200HV	4	GB/T97.1-2002
3	1040201772	Nut M4-A2-70	4	GB/T6170-2000
4	1040103123	Screw M6×30-A2-70	2	GB/T70.2-2000
5	00771600122301180	Bumper Ow19×1	1	
6	00771600132301080	Connecting plate Tp6	2	
7	00771600122301230	Bracket IITp3	1	
8	1040300735	Washer 6-200HV	6	GB/T96.1-2002
9	00771600122301260	Limit plate welds IITp2	1	
10	1159901036	Spring hinge	2	
11	00771600122301190	Limit block T18	2	
12	1040001631	Bolt M6×20-A2-70	4	GB/T5783-2000
13	1040002555	Bolt M6×16-A2-70	18	GB/T5783-2000
14	00771400112301150	Steel clamp Tp3	2	
15	1040300771	Washer 6-200HV	24	GB/T97.1-2002
16	00771600122301200	Bracket ITp3	1	
17	1040201896	Nut M6-8	12	GB/T889.1-2015
18	1040102776	Screw M4×35-8.8	4	GB/T70.1-2000

ZOOMLION

Parts Manual

Section 2 Boom



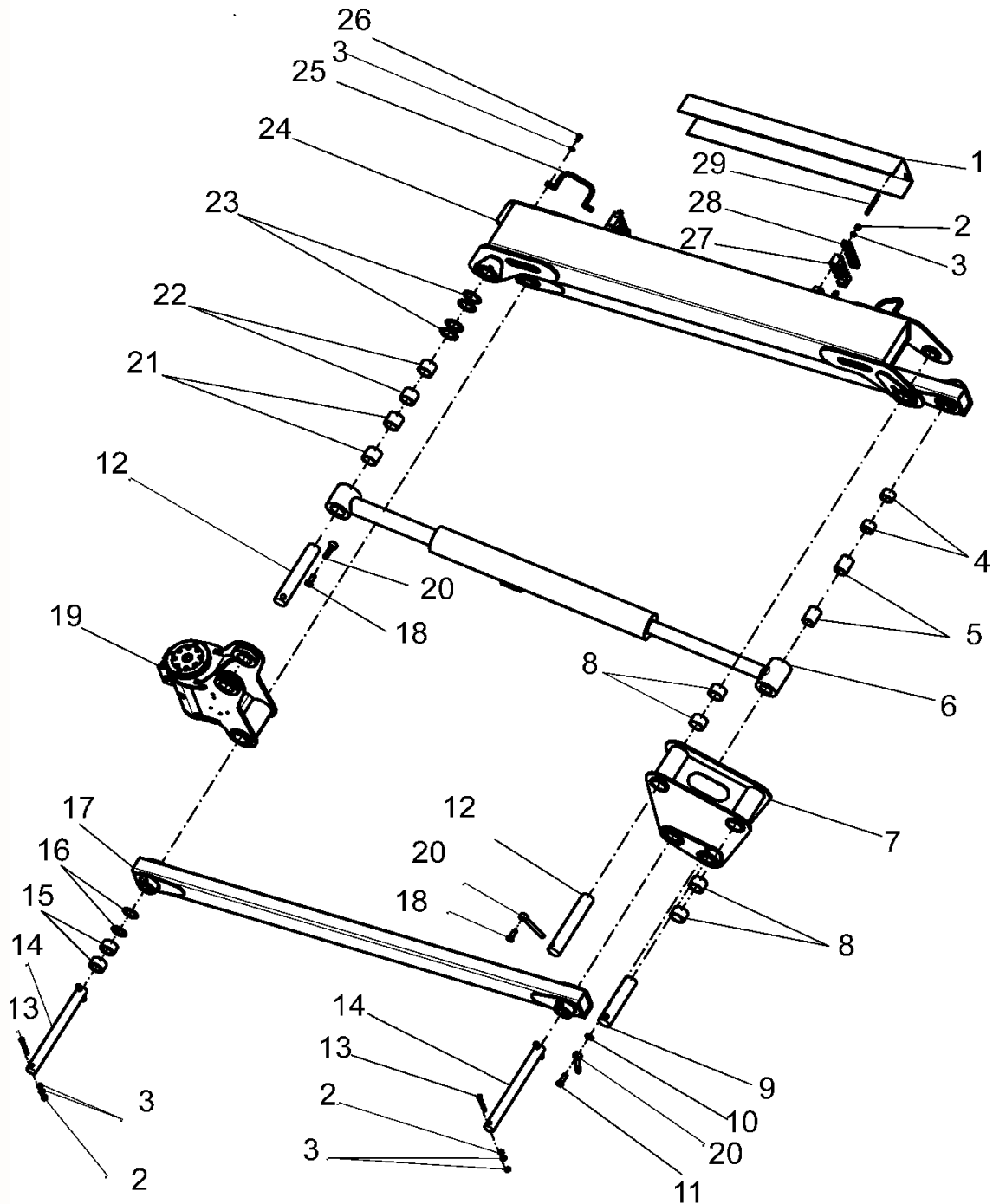
See the following tables for the application and change of each version of components:

Boom

Table 2.2 Application of each version of boom

Boom			
Drawing No.	Version	Machine No.	Remark
02556200300000000	A	02556200100N000001-02556200100N000006	
02556200300000000	B-C	02556200100N000007-	

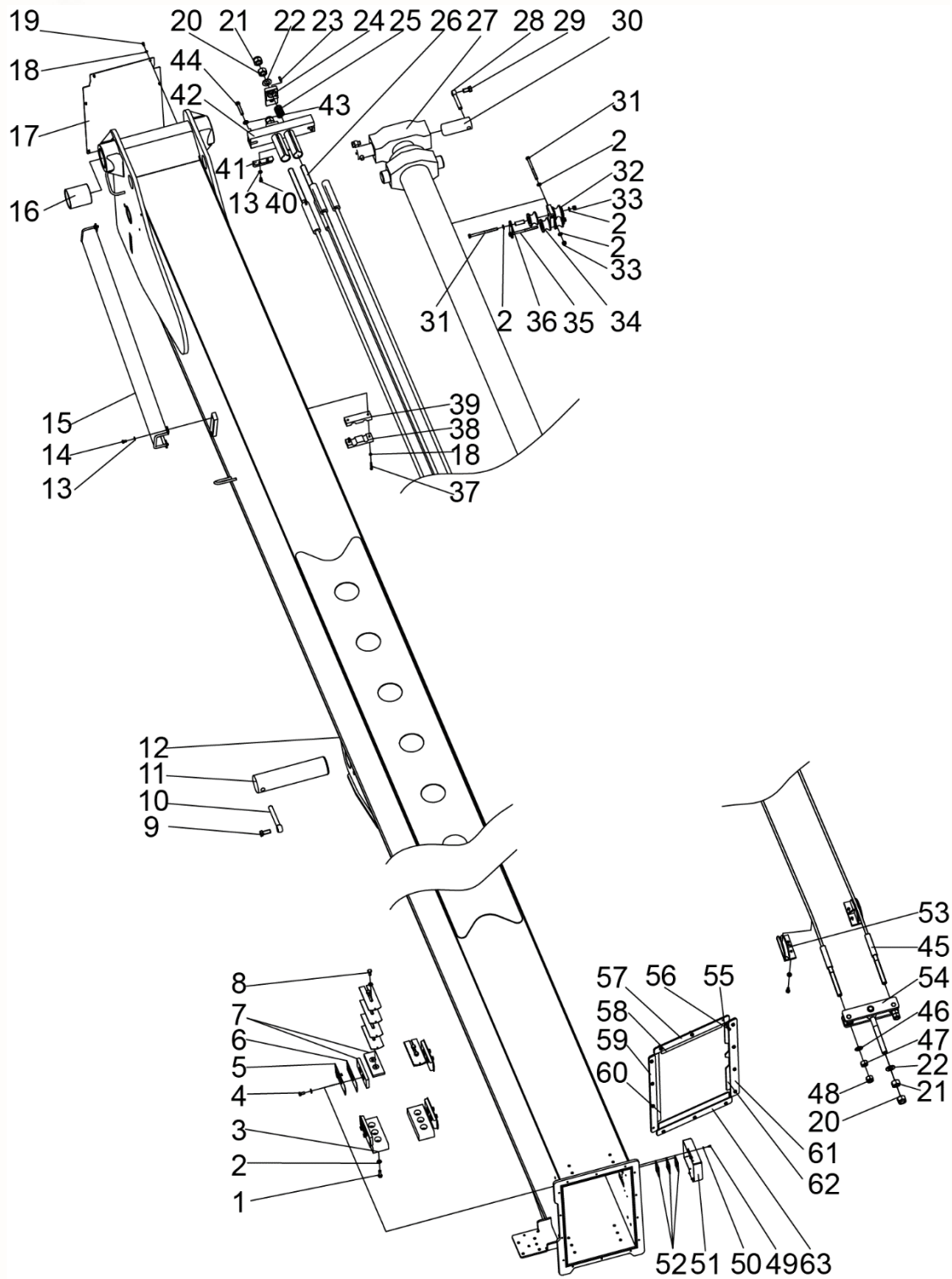
Jib 00771900210000000



Jib 00771900210000000

No.	Material Code	Item and Spec	Qty	Remark
1	00771100220001020	Jib pipeline cover Tp2	1	
2	1040200503	Nut M8-8	8	GB/T889.1-2000
3	1040301515	Washer 8-200HV	16	GB/T97.1-2002
4	00771100210001040	Lubricating-free bearing IO40×4×25	2	
5	00771100200001080	Lubricating-free bearing O40×4×52	2	
6	00771100200600000	Jib lifting cylinder	1	
7	00771100200600000	Support	1	
8	00773400400001020	Bearing O48×4+30	4	
9	00771100210001030	Boom connecting pin φ40*	1	
10	1040302490	Washer 12-200HV	1	GB/T97.1-2002
11	1040002437	Bolt M12×35-8.8	1	GB/T5783-2000
12	00771100220001030	Upper linkage pin φ40*	2	
13	1040103116	Screw M8×75-10.9	4	GB/T70.1-2000
14	00771100210001020	Lower linkage pin φ32*	2	
15	00771100210001060	Lubricating-free bearing IIO48×8×26	2	
16	00771100210001080	Gasket IITp1	2	
17	00771100220400001	Lower linkage	2	
18	1040004511	Bolt M12×30-8.8	2	GB/T5783-2000
19	1010201535	Rotary actuator LS2-016-180- OMAG 185600	1	
20	00773400200001070	Stop pin φ12×100*	3	
21	00771100200001070	Lubricating-free bearing O48×4×40	2	
22	00771100210001050	Lubricating-free bearing IIO48×4×34	2	
23	00771100210001070	Gasket IITp1	4	
24	00771100220200001	Upper linkage	1	
25	00771400211200000	Adjustable clamp welds	2	
26	1040004590	Bolt M8×14-8.8	4	GB/T5783-2000
27	00771400220001070	Jib lower clamp T25	2	
28	00771400210001210	Jib pipeline upper snap-gauge T25	2	
29	00771400220001140	Jib Screw φ8	4	

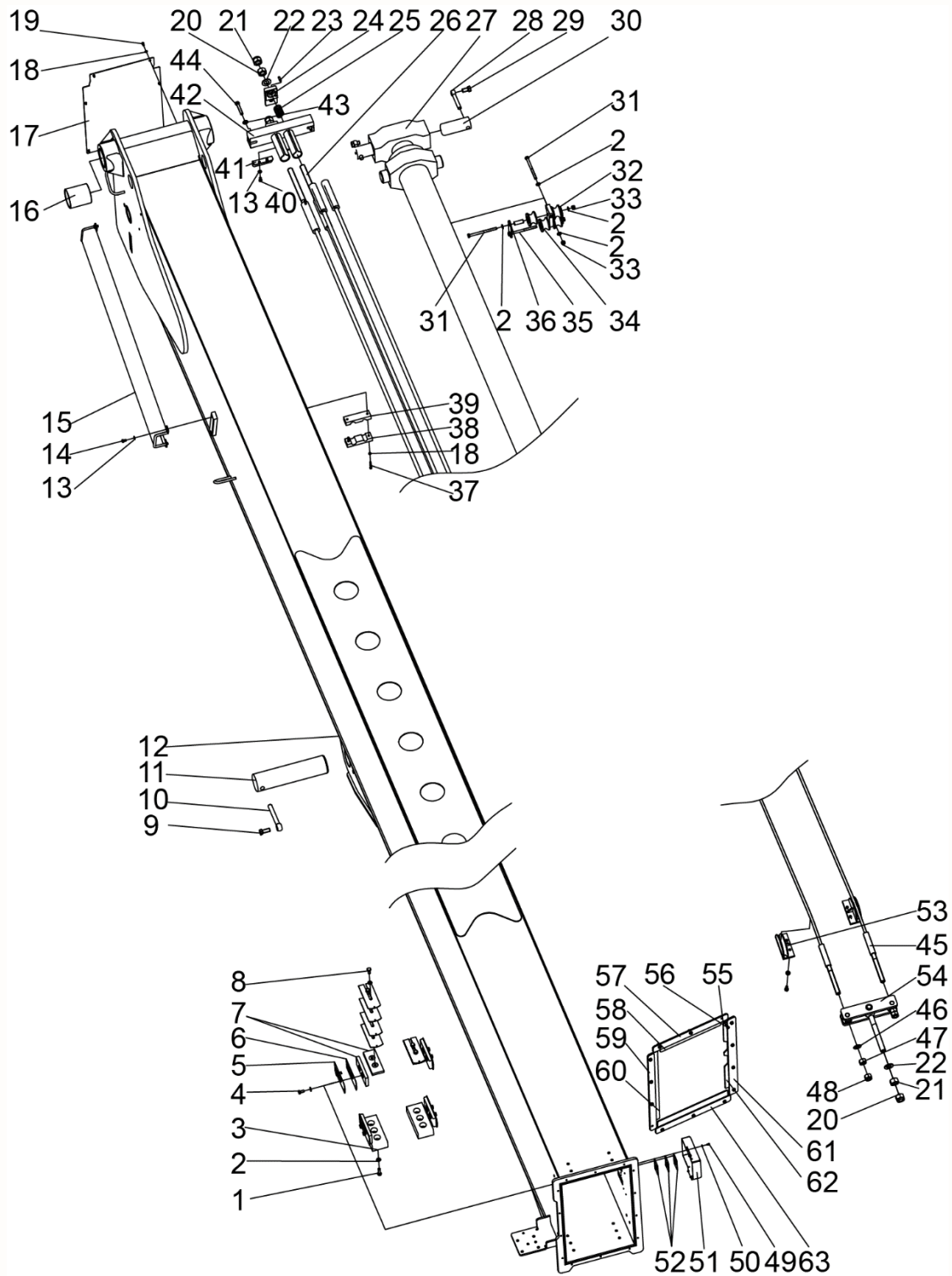
Boom assembly 02556200300000000-A



Boom assembly 02556200300000000-A

No.	Material Code	Item and Spec	Qty	Remark
1	1040002434	Bolt M10×25-8.8	6	GB/T5783-2016
2	1040302489	Washer 10-200HV	28	GB/T97.1-2002
3	00771600301250000	Slider	2	
4	1040002433	Bolt M10×20-8.8	8	GB/T5783-2000
5	00771400301401081	Adjustable gasket IV	8	
6	00773400300001140	Adjustable gasket V	12	
7	00771100301310000	Slider	6	
8	1040002434	Bolt M10×25-8.8	8	GB/T5783-2000
9	1040002446	Bolt M16×40-8.8	1	GB/T5783-2000
10	00771400600001060	Stop pin	1	
11	00771900310001040	Lifting cylinder pin	1	
12	02556200300200000	Base boom	1	
13	1040301515	Washer 8-200HV	10	GB/T97.1-2002
14	1040004590	Bolt M8×14-8.8	4	GB/T5783-2000
15	00771900312300000	Protective plate	1	
16	00771900311201010	Lubricating-free bearing	2	
17	02556200300001010	Sealing plate	1	
18	1040300735	Washer 6-200HV	6	GB/T96.1-2002
19	1040002738	Bolt M6×12-A2-70	6	GB/T5783-2000
20	1040201092	Nut M24-10	3	GB/T6170-2000
21	1040201111	Nut M24-10	3	GB/T889-1986
22	1040301511	Washer 24-200HV	3	GB/T97.1-2002
23	00771600301001231	Steering rod	4	
24	00771900311001211	Sensor mounting plate	2	
25	00771600301001320	Spring	2	
26	02556200301001030	First extending wire rope	2	
27	02556200301010000	Telescopic cylinder	1	
28	00773400400001250	Stop pin	2	
29	1040004570	Bolt M16×30-8.8	2	GB/T5783-2000
30	00771900311001200	Cylinder pin	2	
31	1040004594	Bolt M10×140-8.8	3	GB/T5782-2000
32	00771900311121011	Connecting plate	1	
33	1040200504	Nut M10-8	3	GB/T889.1-2000
34	00771900311121020	Pulley	4	

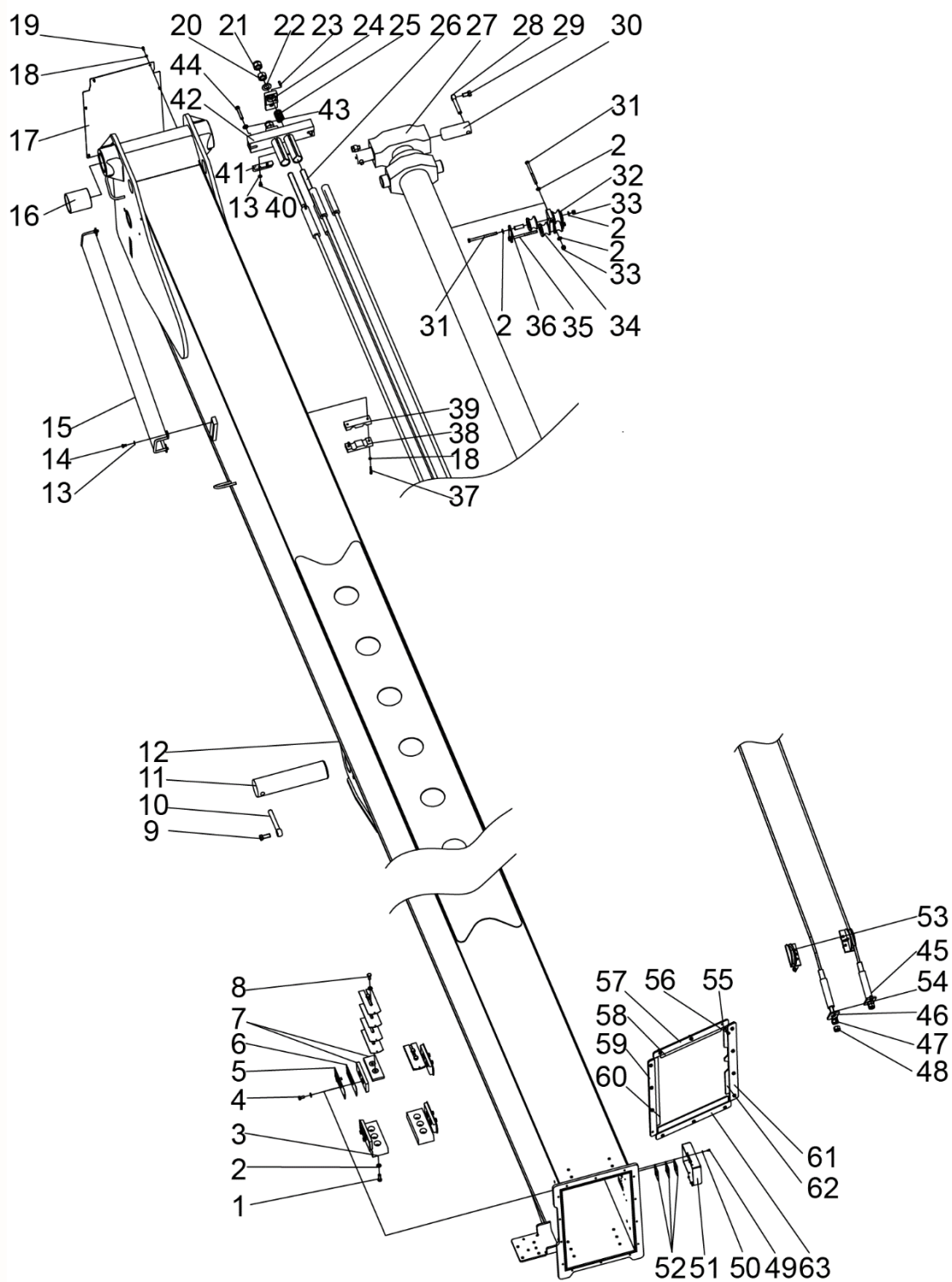
Boom assembly 02556200300000000-A Version



Boom assembly 02556200300000000-A Version

No.	Material Code	Item and Spec	Qty	Remark
35	00771900311121041	Sleeve	4	
36	00771900311121031	Side plate	2	
37	1040102773	Screw M6×40-8.8	4	GB/T70.1-2000
38	00771900311201030	Pipeline fixed seat II	2	
39	00771900311201020	Pipeline fixed seat I	2	
40	1040004517	Bolt M8×16-8.8	2	GB/T5783-2000
41	00771600301001311	Bending plate	1	
42	00771900311110001	Wire rope bracket I	1	
43	1040302490	Washer 12-200HV	2	GB/T97.1-2002
44	1040002442	Bolt M12×70-8.8	2	GB/T5783-2000
45	00771900311001021	First retracting wire rope	2	
46	1040004518	Bolt M8×20-8.8	4	GB/T5783-2000
47	1040201484	Nut M20-10	2	GB/T6170-2000
48	1040200741	Nut M20-10	2	GB/T889.1-2000
49	1040004591	Bolt M4×8-8.8	4	GB/T5783-2000
50	1040302410	Washer 4-200HV	4	GB/T97.1-2002
51	00771900310001060	Sensor cover	1	
52	00771600300001040	Gasket	3	
53	00771600301050001	Fixed pulley	2	
54	00771600301070001	Tension adjustable device	1	
55	1040300771	Washer 6-200HV	14	GB/T97.1-2002
56	1040002555	Bolt M6×16-A2-70	14	GB/T5783-2000
57	00771600301215010	Upper pressing plate	2	
58	00771600301215020	Upper brush plate	1	
59	00771600301225010	Side pressing plate I	1	
60	00771600301225020	Side brush plate	1	
61	00771600301225030	Side pressing plate	1	
62	00771600301225040	Side brush plate	1	
62	00771600301235010	Lower brush plate	1	

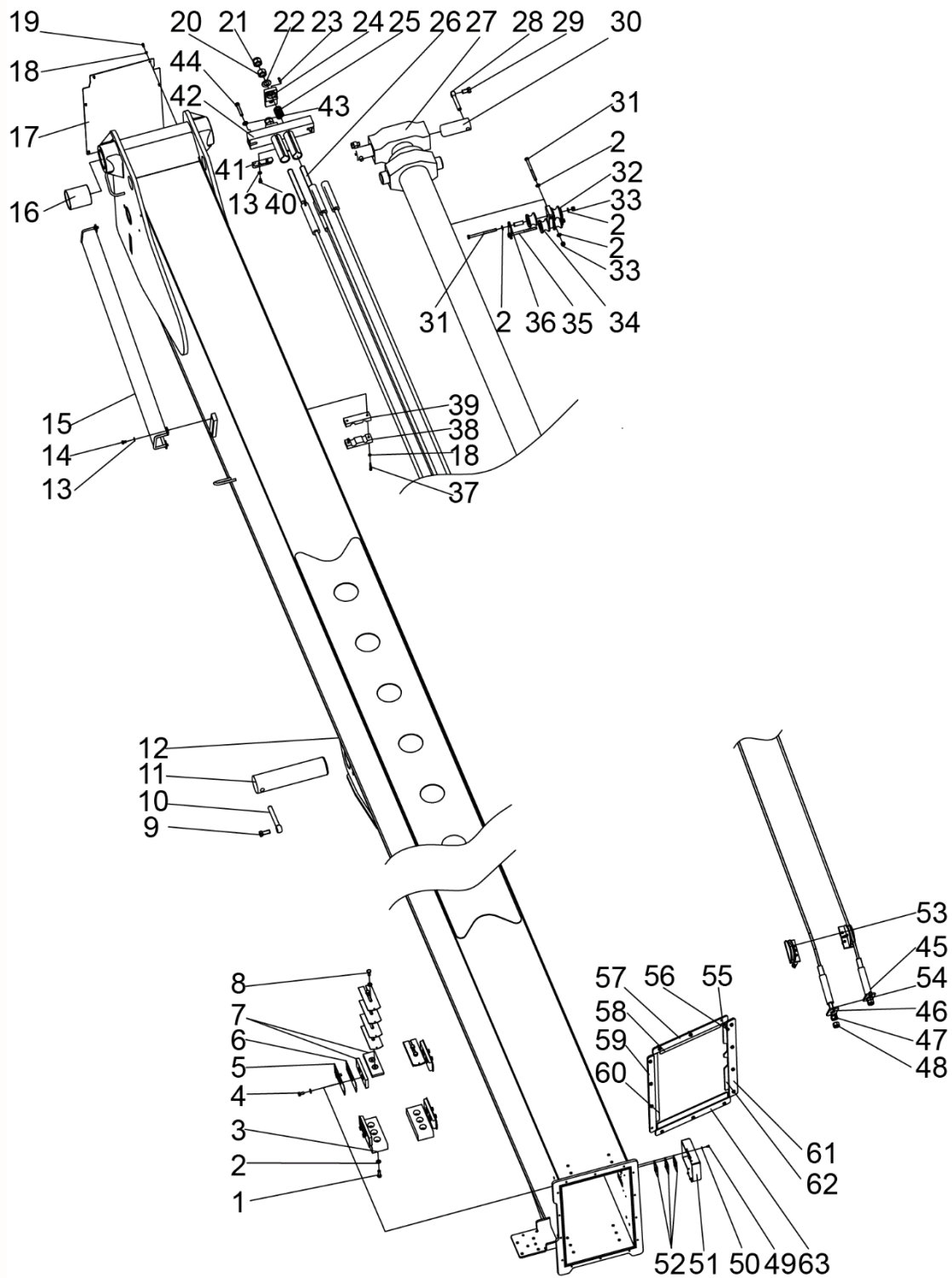
Boom assembly 02556200300000000-B-C Version



Boom assembly 02556200300000000-B-C Version

No.	Material Code	Item and Spec	Qty	Remark
1	1040002434	Bolt M10×25-8.8	6	GB/T5783-2016
2	1040302489	Washer 10-200HV	28	GB/T97.1-2002
3	00771600301250000	Slider	2	
4	1040002433	Bolt M10×20-8.8	8	GB/T5783-2000
5	00771400301401081	Adjustable gasket IV	8	
6	00773400300001140	Adjustable gasket V	12	
7	00771100301310000	Slider	6	
8	1040002434	Bolt M10×25-8.8	8	GB/T5783-2000
9	1040002446	Bolt M16×40-8.8	1	GB/T5783-2000
10	00771400600001060	Stop pin	1	
11	00771900310001040	Lifting cylinder pin	1	
12	02556200300200000	Base boom	1	
13	1040301515	Washer 8-200HV	10	GB/T97.1-2002
14	1040004590	Bolt M8×14-8.8	4	GB/T5783-2000
15	00771900312300000	Protective plate	1	
16	00771900311201010	Lubricating-free bearing	2	
17	02556200300001010	Sealing plate	1	
18	1040300735	Washer 6-200HV	6	GB/T96.1-2002
19	1040002738	Bolt M6×12-A2-70	6	GB/T5783-2000
20	1040201092	Nut M24-10	2	GB/T6170-2000
21	1040201111	Nut M24-10	2	GB/T889-1986
22	1040301511	Washer 24-200HV	2	GB/T97.1-2002
23	00771600301001231	Steering rod	4	
24	00771900311001211	Sensor mounting plate	2	
25	00771600301001320	Spring	2	
26	02556200301001030	First extending wire rope	2	
27	02556200301010000	Telescopic cylinder	1	
28	00773400400001250	Stop pin	2	
29	1040004570	Bolt M16×30-8.8	2	GB/T5783-2000
30	00771900311001200	Cylinder pin	2	
31	1040004594	Bolt M10×140-8.8	3	GB/T5782-2000
32	00771900311121011	Connecting plate	1	
33	1040200504	Nut M10-8	3	GB/T889.1-2000
34	00771900311121020	Pulley	4	

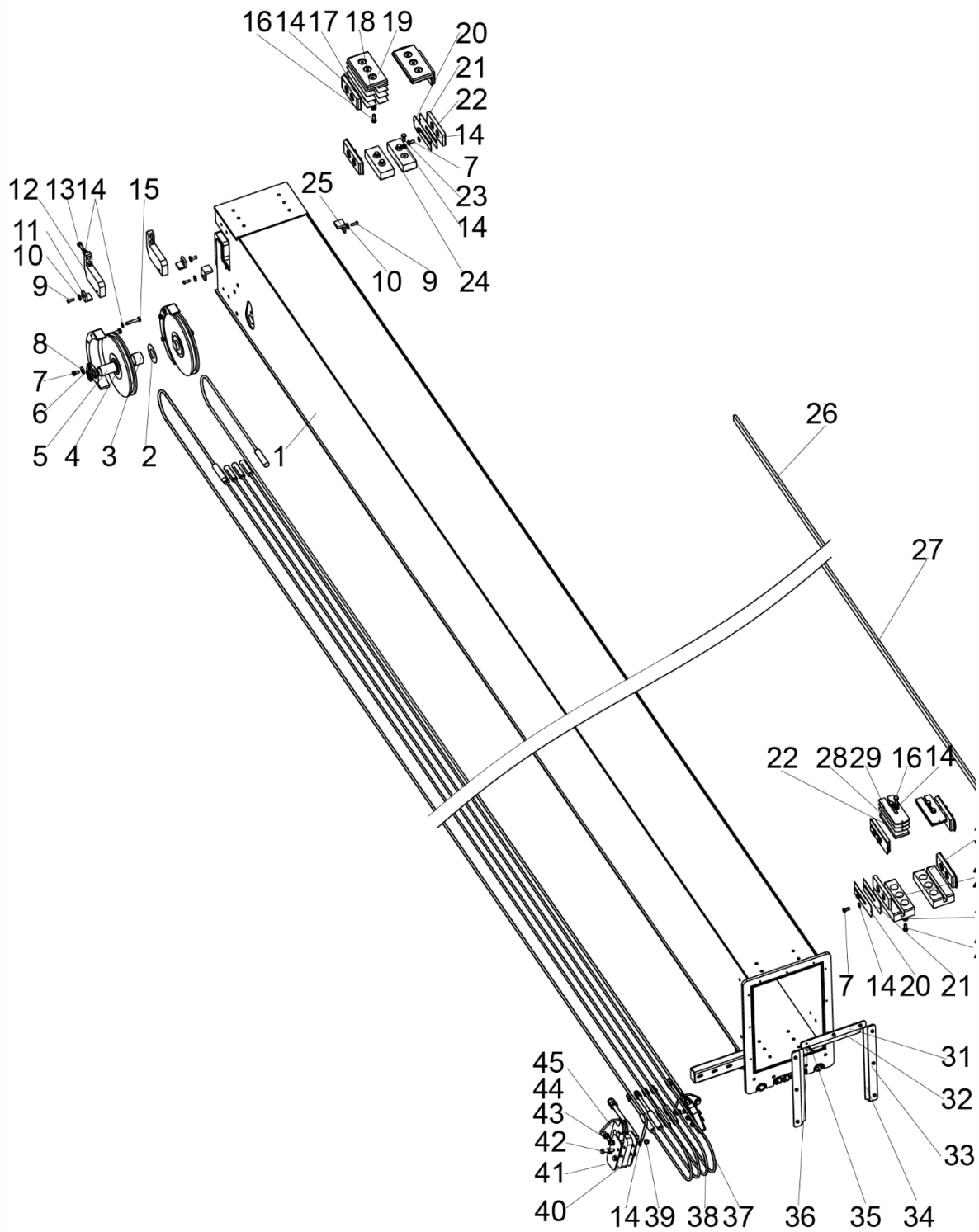
Boom assembly 02556200300000000-B-C Version



Boom assembly 02556200300000000-B-C Version

No.	Material Code	Item and Spec	Qty	Remark
35	00771900311121041	Sleeve	4	
36	00771900311121031	Side plate	2	
37	1040102773	Screw M6×40-8.8	4	GB/T70.1-2000
38	00771900311201030	Pipeline fixed seat II	2	
39	00771900311201020	Pipeline fixed seat I	2	
40	1040004517	Bolt M8×16-8.8	2	GB/T5783-2000
41	00771600301001311	Bending plate	1	
42	00771900311110001	Wire rope bracket I	1	
43	1040302490	Washer 12-200HV	2	GB/T97.1-2002
44	1040002442	Bolt M12×70-8.8	2	GB/T5783-2000
45	00771900311001021	First retracting wire rope	2	
46	1040004518	Bolt M8×20-8.8	4	GB/T5783-2000
47	1040201484	Nut M20-10	2	GB/T6170-2000
48	1040200741	Nut M20-10	2	GB/T889.1-2000
49	1040004591	Bolt M4×8-8.8	4	GB/T5783-2000
50	1040302410	Washer 4-200HV	4	GB/T97.1-2002
51	00771900310001060	Sensor cover	1	
52	00771600300001040	Gasket	3	
53	00771600301050001	Fixed pulley	2	
54	02557000300821020	E n d Plate	2	
55	1040300771	Washer 6-200HV	14	GB/T97.1-2002
56	1040002555	Bolt M6×16-A2-70	14	GB/T5783-2000
57	00771600301215010	Upper pressing plate	2	
58	00771600301215020	Upper brush plate	1	
59	00771600301225010	Side pressing plate I	1	
60	00771600301225020	Side brush plate	1	
61	00771600301225030	Side pressing plate	1	
62	00771600301225040	Side brush plate	1	
62	00771600301235010	Lower brush plate	1	

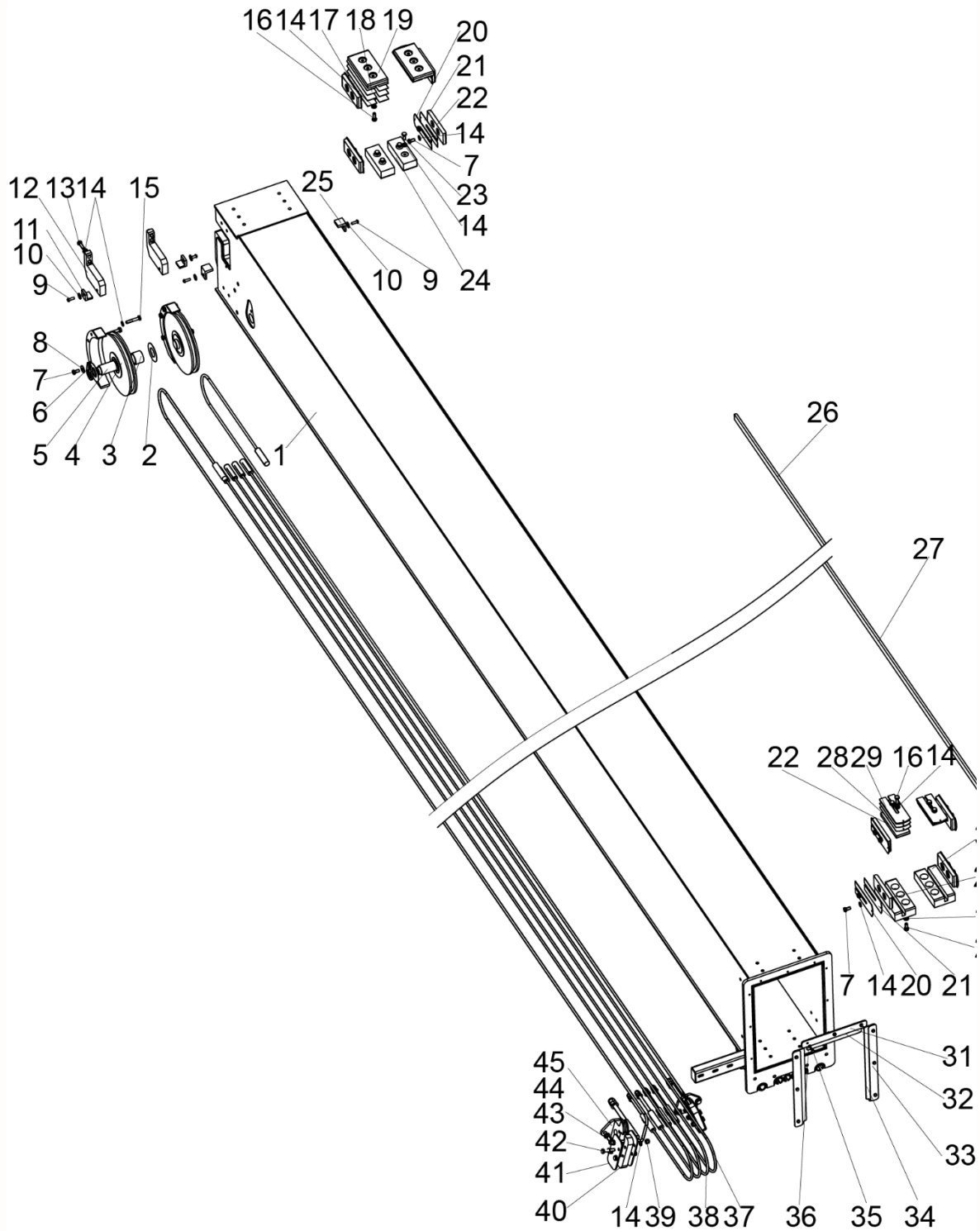
Boom assembly 02556200300000000- A-C Version



Boom assembly 02556200300000000- A -C Version

No.	Material Code	Item and Spec	Qty	Remark
1	02556200300400000	First telescopic boom	1	
2	00771600301001470	Wear spacer II	4	
3	00771900311001281	Lubricating-free bearing	2	
4	00771900311030000	First retracting pulley	2	
5	00771900311101010	First retracting pulley	2	
6	00771500301151020	Cover plate	2	
7	1040002433	Bolt M10×20-8.8	18	GB/T5783-2000
8	1040302512	Washer 10-200HV	2	GB/T96.1-2002
9	1040102648	Screw M8×25-A2-70	4	GB/T70.2-2000
10	1040302480	Washer 8-200HV	4	GB/T96.1-2002
11	00771900310001070	Block I	2	
12	00771900311001231	Pressing plate	2	
13	1040002435	Bolt M10×45-8.8	4	GB/T5783-2016
14	1040302489	Washer 10-200HV	56	GB/T97.1-2002
15	1040004593	Bolt M10×55-8.8	6	GB/T5782-2000
16	1040004565	Bolt M10×30-8.8-DKL	6	GB/T5783-2016
17	00771600301401051	Adjustable gasket	4	
18	00771500301401031	Adjustable gasket	4	
19	00771600301490000	Slider	2	
20	00771400201401081	Adjustable gasket IV	8	
21	00773400300001140	Adjustable gasket V	8	
22	00771100301310000	Slider	10	
23	1040002434	Bolt M10×25-8.8	10	GB/T5783-2016
24	00771600301470000	Slider	2	
25	00771900310001080	Block II	2	
26	00771900311401021	Stroke switch trigger I I	1	
27	00771900311401011	Stroke switch trigger I	1	
28	02556200301601020	Adjustable gasket II	2	
29	02556200301601010	Adjustable gasket I	2	
30	02556200301410000	Slider	2	
31	00771600301415010	Upper pressing plate	1	
32	00771600301415020	Upper brush plate	1	
33	00771600301425010	Side pressing plate	2	
34	00771600301425020	Side brush plate	2	

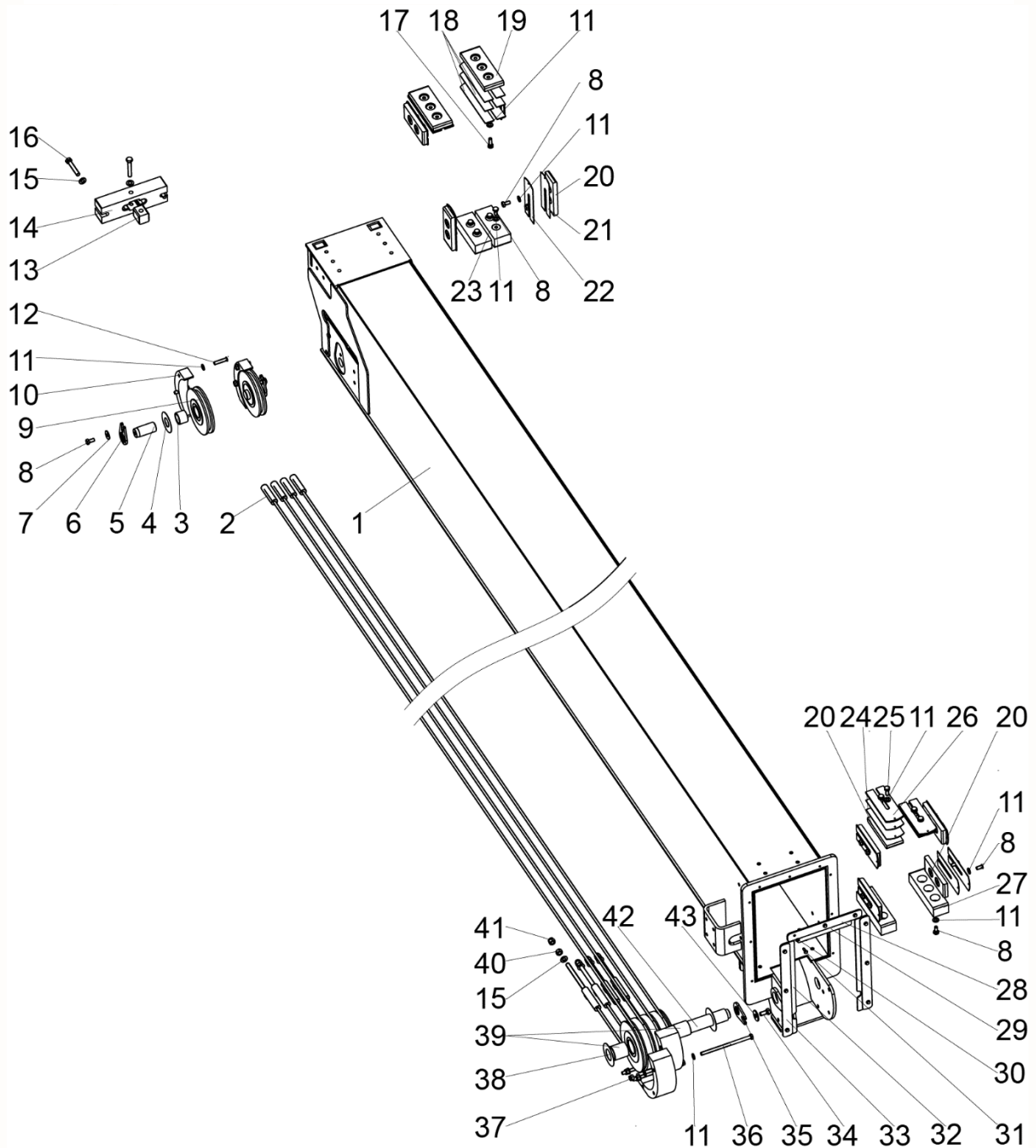
Boom assembly 025562003000000000- A-C Version



Boom assembly 02556200300000000- A-C Version

No.	Material Code	Item and Spec	Qty	Remark
35	1040002555	Bolt M6×16-A2-70	9	GB/T5783-2000
36	1040300771	Washer 6-200HV	9	GB/T97.1-2002
37	00771900311001040	Second retracting wire rope	2	
38	00771900311001030	Second extending wire rope	4	
39	1040200504	Nut M10-8	8	GB/T889.1-2000
40	00771900311001190	Protective plate of wire rope	2	
41	00771900311001221	Connecting plate	4	
42	1040004509	Bolt M10×50-8.8	8	GB/T5783-2000
43	1040002436	Bolt M12×25-8.8	4	GB/T5783-2000
44	1040302490	Washer 12-200HV	4	GB/T97.1-2002
45	00771900311070001	Steering wheel welds	2	

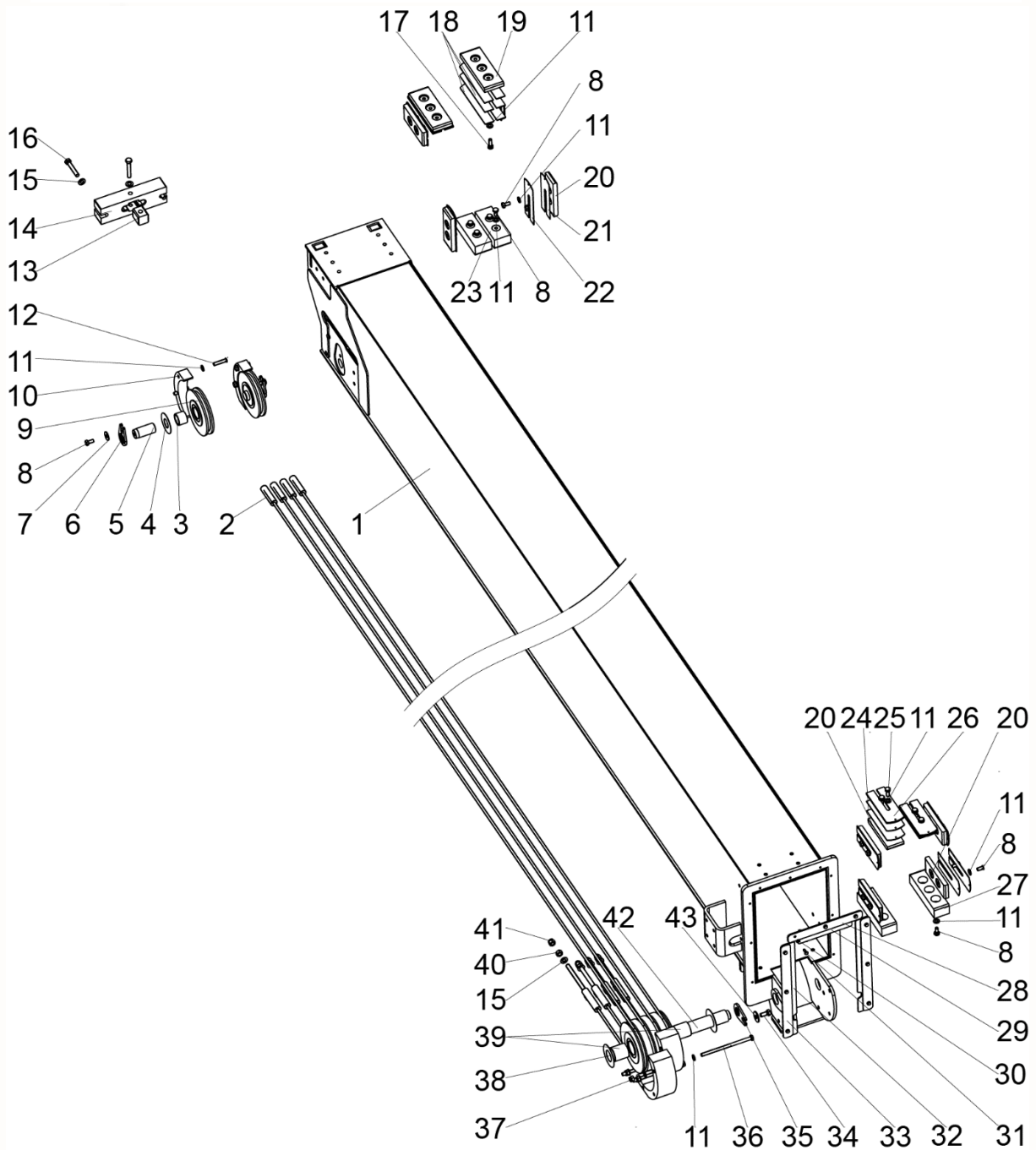
Boom assembly 02556200300000000- A-C Version



Boom assembly 02556200300000000- A-C Version

No.	Material Code	Item and Spec	Qty	Remark
1	02556200300600000	Second telescopic boom welds	1	
2	00771900311001030	Second extending wire rope	4	
3	00771900311001271	Lubricating-free bearing	2	
4	00771600301001460	Wear spacer I	4	
5	00771900311141010	Second pulley of retracting boom	2	
6	00771500301151020	Cover plate	2	
7	1040302512	Washer 10-200HV	2	GB/T96.1-2002
8	1040002433	Bolt M10×20-8.8	28	GB/T5783-2000
9	00771900311050000	Second pulley of retracting boom	2	
10	00771900311001090	Second pulley of retracting boom - Protective plate	2	
11	1040302489	Washer 10-200HV	48	GB/T97.1-2002
12	1040004508	Bolt M10×45-8.8	4	GB/T5783-2000
13	00771900311001181	Limit block	1	
14	00771900311001161	Wire rope bracket II	1	
15	1040302490	Washer 12-200HV	7	GB/T97.1-2002
16	1040002442	Bolt M12×70-8.8	3	GB/T5783-2000
17	1040004565	Bolt M10×30-8.8-DKL	6	GB/T5783-2016
18	00771100301601061	Adjustable gasket	6	
19	00771600301640000	Slider	2	
20	00771100301310000	Slider	10	
21	00773400300001140	Adjustable gasket V	8	
22	00771400301401081	Adjustable gasket IV	8	
23	00771600301470000	Slider	2	
24	02556200301601020	Adjustable gasket II	4	
25	1040002434	Bolt M10×25-8.8	4	GB/T5783-2016
26	02556200301601010	Adjustable gasket I	2	
27	00771600301480000	Slider	2	
28	00771400211200000	Upper pressing plate	1	
29	00771600301615020	Upper brush plate	1	
30	1040300771	Washer 6-200HV	9	GB/T97.1-2002
31	1040002555	Bolt M6×16-A2-70	9	GB/T5783-2000
32	00771600301625020	Side brush plate	2	
33	00771600301625010	Side pressing plate	2	
34	1040002436	Bolt M12×25-8.8	1	GB/T5783-2000

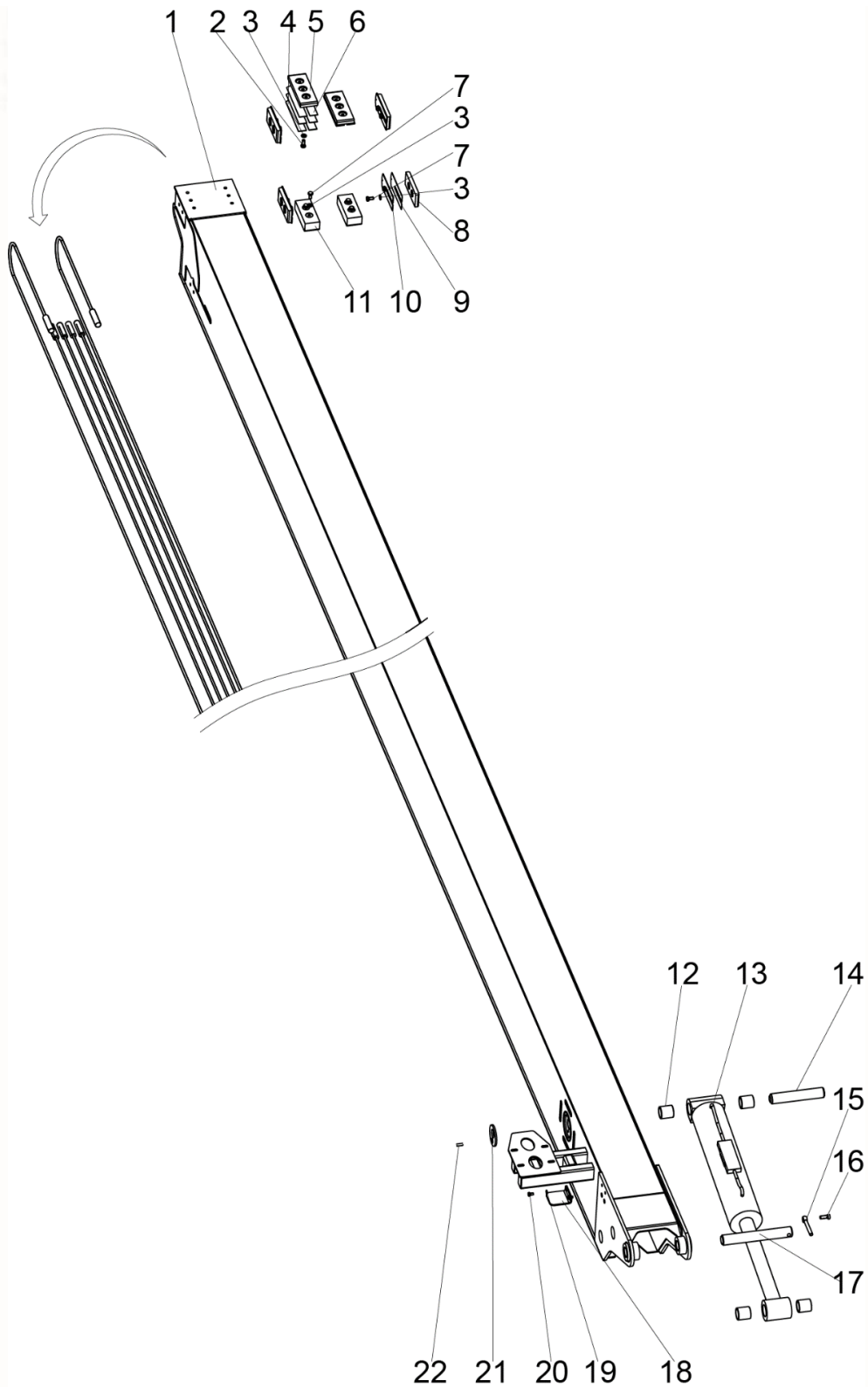
Boom assembly 02556200300000000- A-C Version



Boom assembly 02556200300000000- A-C Version

No.	Material Code	Item and Spec	Qty	Remark
35	00771900311151021	End plate	1	
36	1040004595	Bolt M10×180-8.8	6	GB/T5782-2000
37	1040200504	Nut M10-8	6	GB/T889.1-2000
38	00771600301001470	Wear spacer II	2	
39	00771900311001251	Lubricating-free bearing	2	
40	1040201381	Nut M12-8	4	GB/T6170-2000
41	1040200507	Nut M12-8	4	GB/T889.1-2000
42	00771900311151011	Second extending pulley	1	
43	00771900311151021	End plate	1	

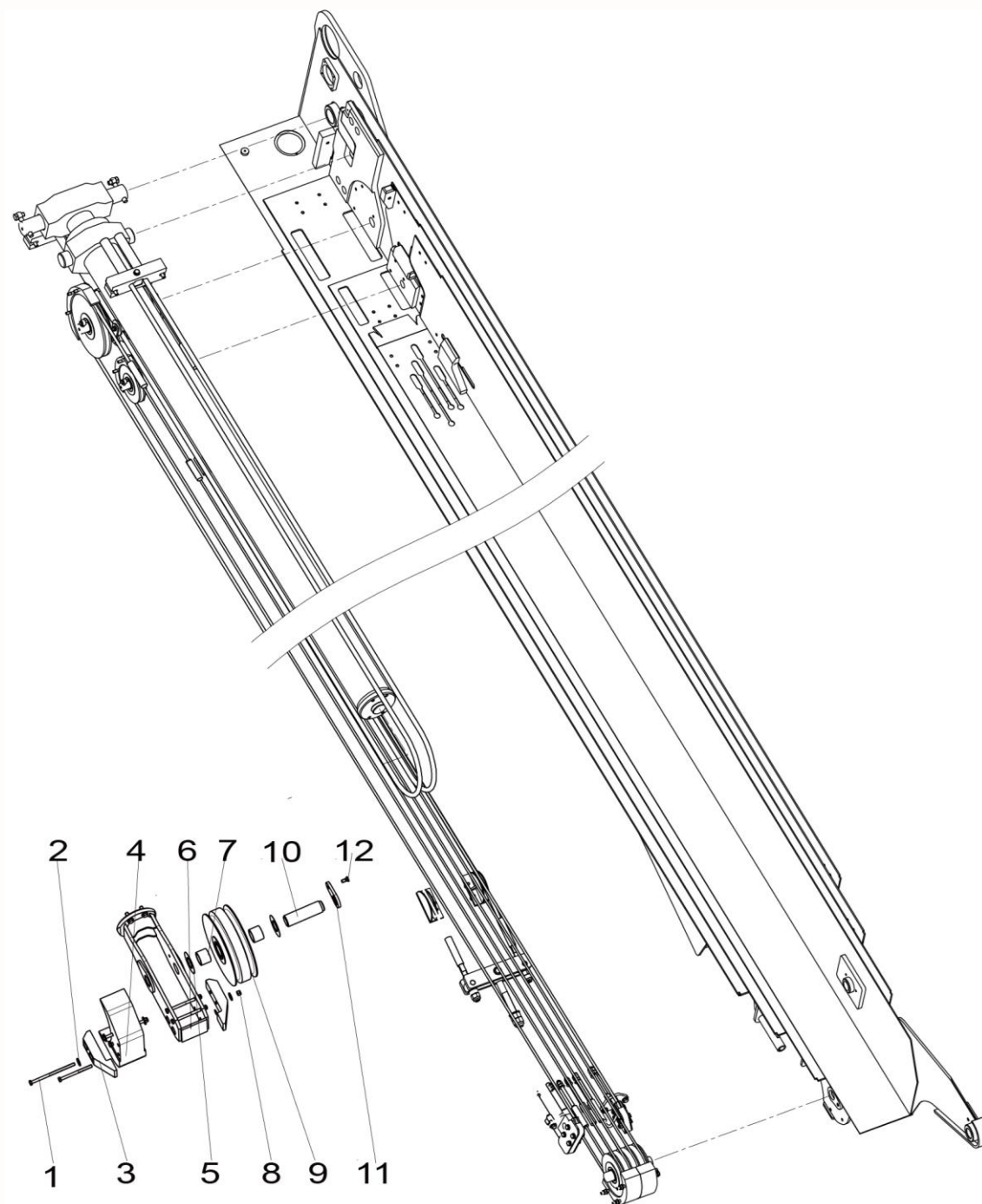
Boom assembly 025562003000000000- A-C Version



Boom assembly 02556200300000000- A-C Version

No.	Material Code	Item and Spec	Qty	Remark
1	02556200300800000	Third telescopic boom welds	1	
2	1040002434	Bolt M10×25-8.8	6	GB/T5783-2016
3	1040302489	Washer 10-200HV	18	GB/T97.1-2002
4	00771500301601021	Adjustable gasket	4	
5	00771600301640000	Slider	2	
6	00771100301601071	Adjustable gasket	2	
7	1040002433	Bolt M10×20-8.8	12	GB/T5783-2000
8	00771100301310000	Slider	4	
9	00773400300001140	Adjustable gasket V	4	
10	00771400301401081	Adjustable gasket IV	4	
11	00771600301470000	Slider	2	
12	00771400301601020	Lubricating-free bearing	4	
13	00771100301000000	Upper leveling cylinder	1	
14	00771600302001010	Pin	1	
15	00773400200001070	Stop pin	1	
16	1040004511	Bolt M12×30-8.8	1	GB/T5783-2000
17	00771900310001030	Upper linkage pin	1	
18	00771100301601050	Protective plate	1	
19	1040301515	Washer 8-200HV	2	GB/T97.1-2002
20	1040004590	Bolt M8×14-8.8	2	GB/T5783-2000
21	00771600302001020	Cover plate	1	
22	1040101122	Screw M10×35-8.8	1	GB/T70.3-2000

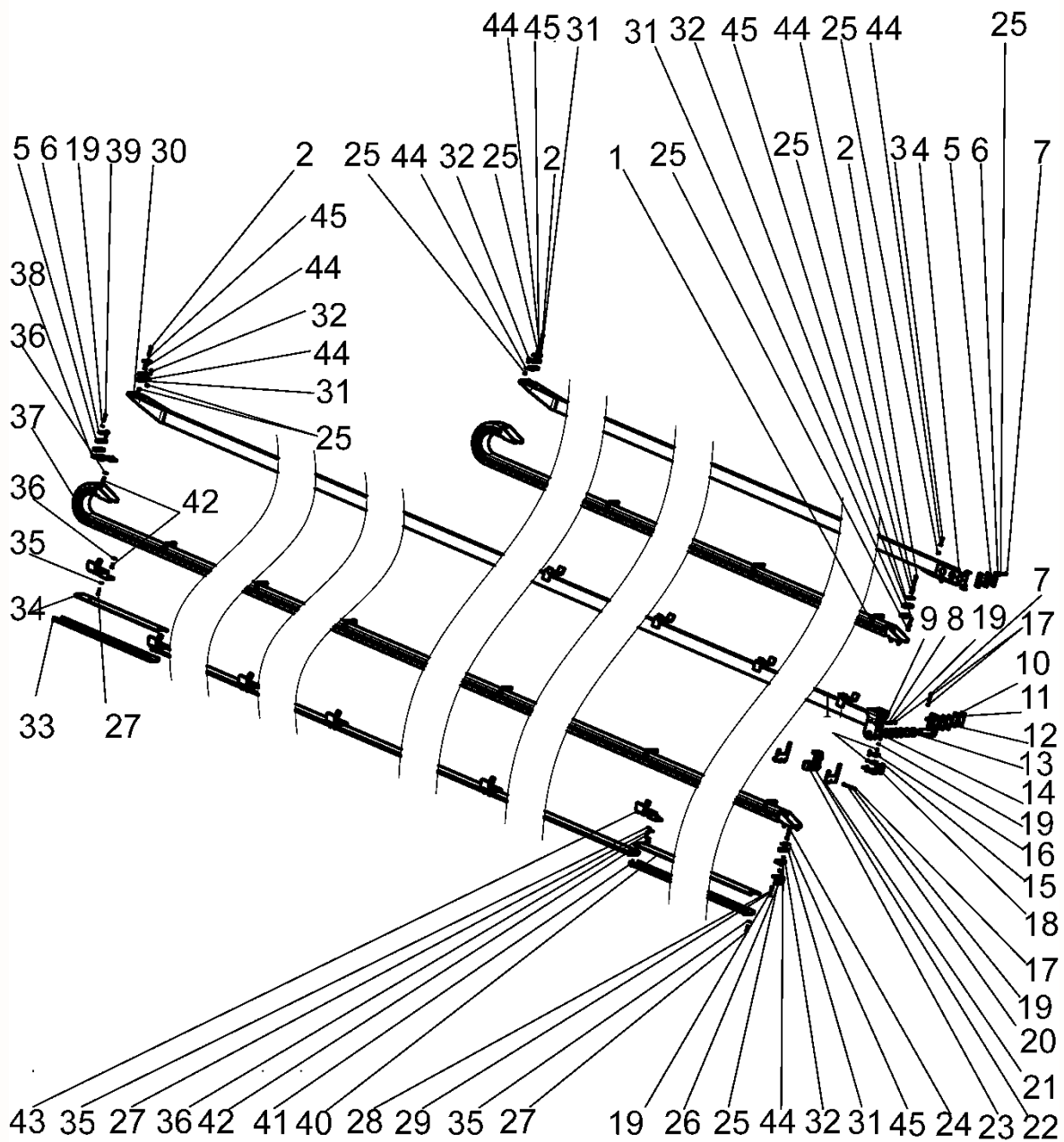
Boom assembly 025562003000000000- A-C Version



Boom assembly 02556200300000000- A-C Version

No.	Material Code	Item and Spec	Qty	Remark
1	1040000279	Bolt M10×180-8.8	4	GB/T5782-2000
2	1040302512	Washer 10-200HV	8	GB/T96.1-2002
3	02556200301001020	Side guide slider	2	
4	02556200301001010	Extending wheel— Protective plate	1	
5	02556200301030000	Extending wheel— Bracket	1	
6	00771600301001480	Wear spacer II	2	
7	00771900311001261	Lubricating-free bearing	2	
8	1040200504	Nut M10-8	4	GB/T889.1-2000
9	00771500301180000	First extending pulley	1	
10	02556200301021010	First extending pulley	1	
11	00771900311091020	End plate	1	
12	1040102757	Screw M10×25-8.8	1	GB/T70.3-2000

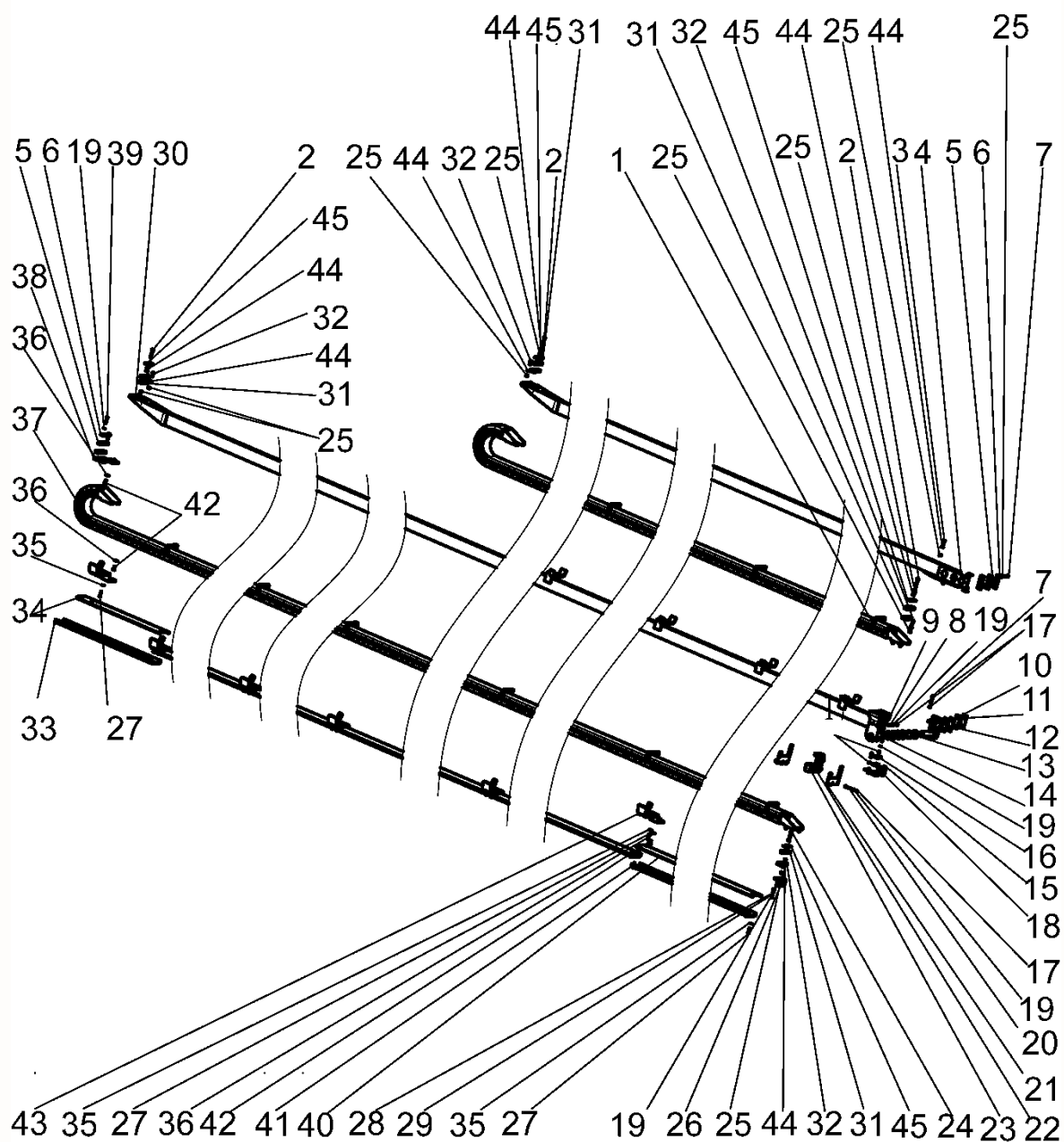
Chain system 00771900740000000



Chain system 00771900740000000

No.	Material Code	Item and Spec	Qty	Remark
1	00771900701400000	Short steel chain	1	
2	1040004656	Bolt M10×65-8.8	3	GB/T5782-2000
3	1040101995	Screw M10×30-8.8-DKL	4	GB/T70.1-2000
4	00771900740600000	Short chain tube	1	
5	00771600700001120	Pipeline clip T15	4	
6	00771600700001131	Pressing plate Tp4	2	
7	1040102738	Screw M8×55-8.8	3	GB/T70.1-2000
8	1040102648	Screw M8×25-A2-70	4	GB/T70.2-2000
9	00771600721000000	Rotary bracket	1	
10	00771600700001081	Adjustable gasket Tp2	4	
11	00771600720800000	Pipe bracket	1	
12	1040004604	Bolt M10×30-8.8	4	GB/T16674-2004
13	00771400700001011	Washer Tp2	6	
14	1040004521	Bolt M8×45-8.8	1	GB/T5783-2000
15	00772100710001020	Guide plate Tp6	1	
16	1040103059	Screw M8×35-A2-70	2	GB/T70.2-2000
17	1040200503	Nut M8-8	15	GB/T889.1-2000
18	00771600710001070	Pipeline block IIT12	2	
19	1040301515	Washer 8-200HV	16	GB/T97.1-2002
20	1040103115	Screw M8×65-8.8	7	GB/T70.1-2000
21	00772100710001030	Plate Tp6	2	
22	00772100710001010	Slider T40	1	
23	00772100710001040	Slider T40	1	
24	1040004509	Bolt M10×50-8.8	1	GB/T5783-2000
25	1040200504	Nut M10-8	25	GB/T889.1-2000
26	00772100700001120	Guide plate Tp6	1	
27	1040002458	Bolt M8×40-8.8	24	GB/T5783-2000
28	1040301510	Washer 8	2	GB/T93-1987
29	1040103568	Screw	2	
30	00771900740200000	Long dragging pipe	1	
31	00771600700001010	Pipeline block T17	8	
32	1040103375	Screw M10×30-8.8	16	
33	00771900702400000	Slot lower cover	1	
34	00771900700001020	Slot upper cover Tp1.5	1	

Chain system 00771900740000000



Chain system 00771900740000000

No.	Material Code	Item and Spec	Qty	Remark
35	1040302480	Washer 8-200HV	24	GB/T96.1-2002
36	1040302512	Washer 10-200HV	14	GB/T96.1-2002
37	00771900701200000	Long steel chain	1	
38	00771900700001090	Slot bracket plate Tp8	1	
39	1040103114	Screw M8×45-8.8	2	GB/T70.1-2000
40	00771100750001050	Slot upper cover Tp1.5	5	
41	00771100750200000	Slot lower cover	5	
42	1040002434	Bolt M10×25-8.8	14	GB/T5783-2000
43	00771900701600000	Long chain bracket	6	
44	1040302489	Washer 10-200HV	27	GB/T97.1-2002
45	00771400710001021	Pressing plate Tp4	4	

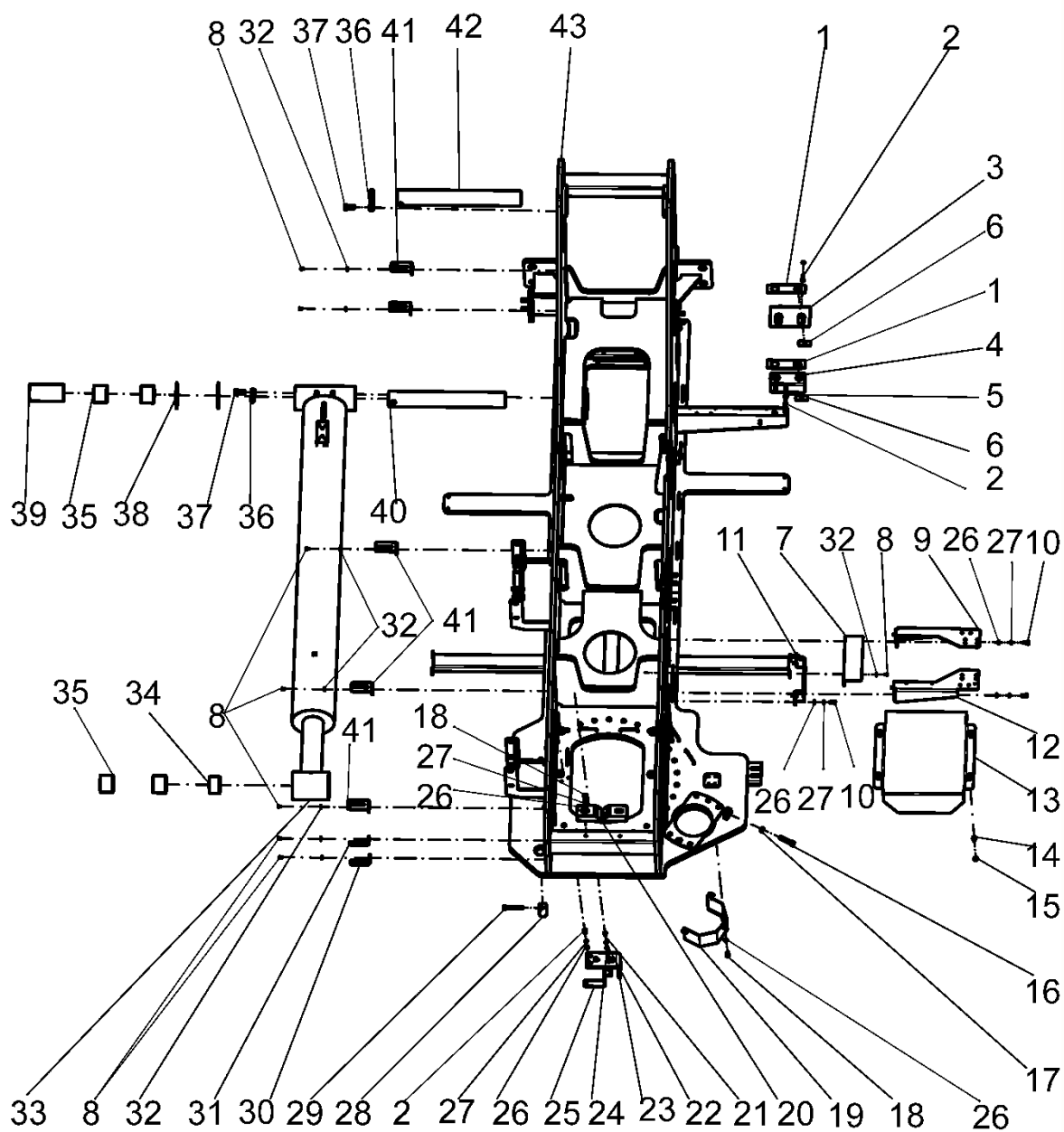
ZOOMLION

Parts Manual

Section 3 Turntable



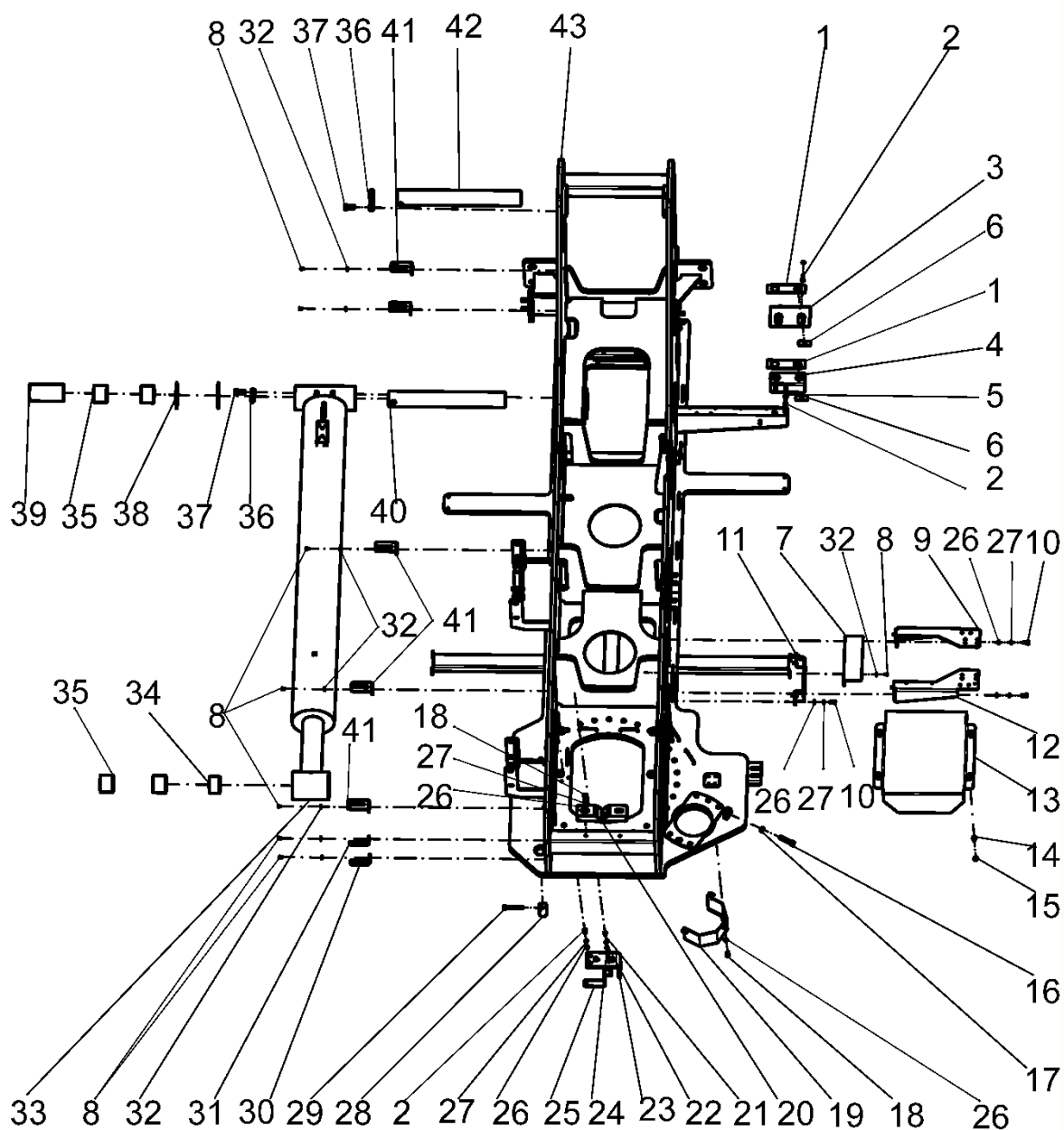
Turntable assembly 02556200810000000



Turntable assembly 0255620081000000

No.	Material No.	Item and Spec	Qty	Remark
1	00771400800001160	Electric control box rubber pad T3	2	
2	1040004565	Bolt M10×30-8.8-DKL	9	GB/T5783-2016
3	00771600810240000	Electric cabinet bracket II	1	
4	02556200801000000	Electric cabinet - left bracket	1	
5	1040200504	Nut M10-8	2	GB/T889.1-2000
6	00771400800001150	Gasket Tp5	4	
7	02556200810001060	Baffle Tp3	1	
8	1040002738	Bolt M6×12-A2-70	9	GB/T5783-2000
9	02556200810001010	Valve installation bracket ITp6	1	
10	1040002434	Bolt M10×25-8.8	8	GB/T5783-2000
11	02556200810001030	Valve mounting plate III	1	
12	02556200810001020	Valve installation bracket IITp6	1	
13	00771900800001090	Water fender Tp4	1	
14	1040005846	Bolt M12×20-8.8	4	GB/T5783-2000
15	1040302490	Washer 12-200HV	4	GB/T97.1-2002
16	1040002450	Bolt M16×80-8.8	1	GB/T5783-2000
17	1040201882	Nut M16	1	GB/T6172-2000
18	1040000090	Bolt M10×30-8.8	5	GB/T5783-2000
19	00771400800001170	Gear cover Tp2	1	
20	00771600800001020	Support block T37*	1	
21	1040004519	Bolt M8×25-8.8	2	GB/T5783-2000
22	1040301515	Washer 8-200HV	2	GB/T97.1-2002
23	02556200810001040	Rotary joint mounting plate Tp10	1	
24	1040200503	Nut M8-8	2	GB/T889.1-2000
25	00771600800001150	Limit switch mounting plate Tp5	1	
26	1040302489	Washer 10-200HV	20	GB/T97.1-2002
27	1040301502	Washer 10	13	GB/T93-1987
28	00771400800001010	Turntable stop pin Φ35*	1	
29	1040103205	Screw M12×100-8.8	1	
30	00771600800001200	Sealing plate VTp5	1	
31	00771600800001190	Sealing plate IVTp5	1	
32	1040300735	Washer 6-200HV	9	GB/T96.1-2002
33	02556200800600000	Lifting cylinder	1	
34	00771900800001072	Spacer bush IIOw98×3*	1	
35	00771900800001050	Lubrication-free bearing O100×5	4	
36	00773400400001170	Stop pin φ20×120*	2	
37	1040004499	Bolt M20×45-8.8	2	GB/T5783-2000
38	00771900800001080	Gasket Tp3	2	

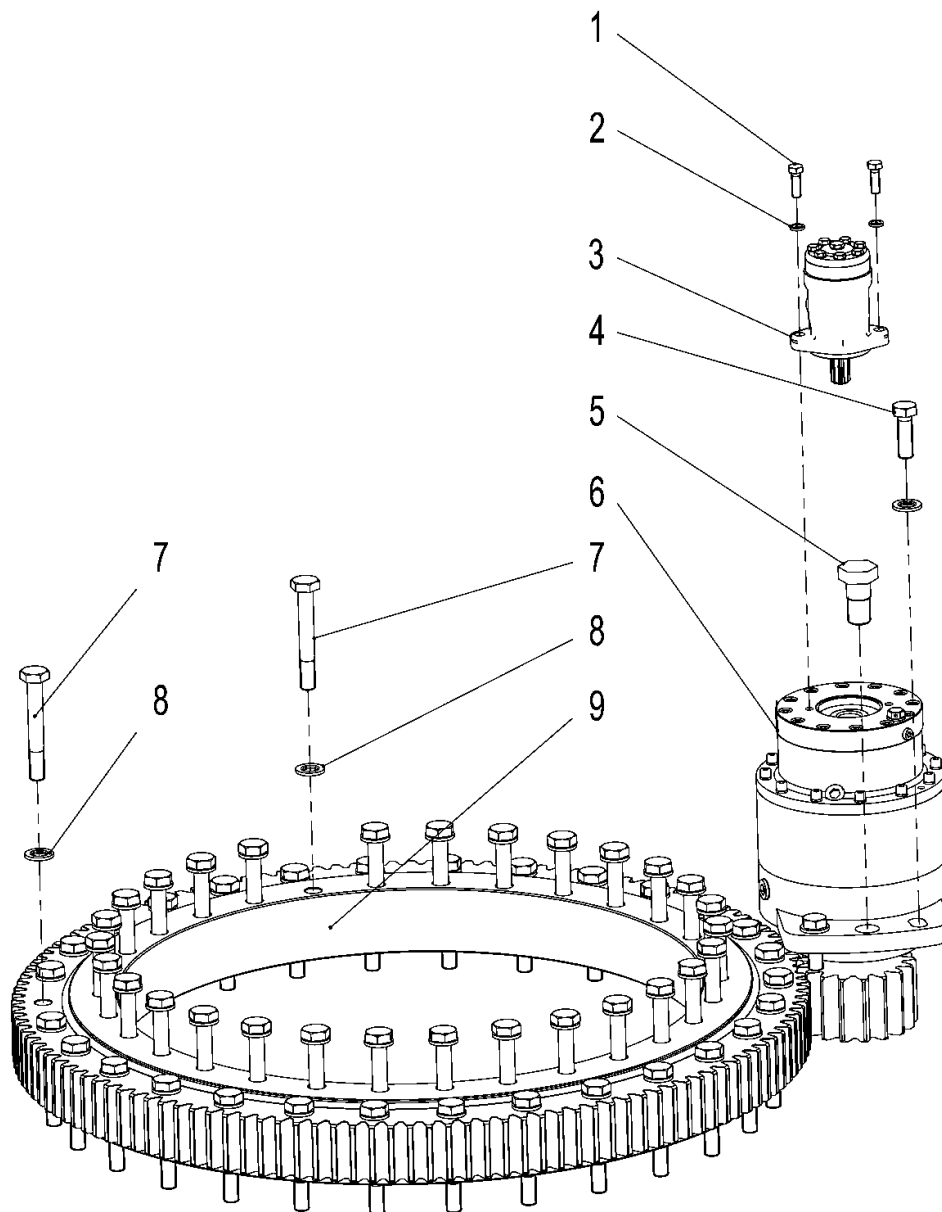
Turntable assembly 02556200810000000



Turntable assembly 02556200810000000

No.	Material No.	Item and Spec	Qty	Remark
39	00771900800001062	Spacer bush IOw98×3*	1	
40	00771900800001021	Pin IIφ90*	1	
41	00771600800001180	Sealing plate IIITp5	5	
42	00771900800001010	Pin Iφ90*	1	
43	02556200810200000	Turntable welds	1	

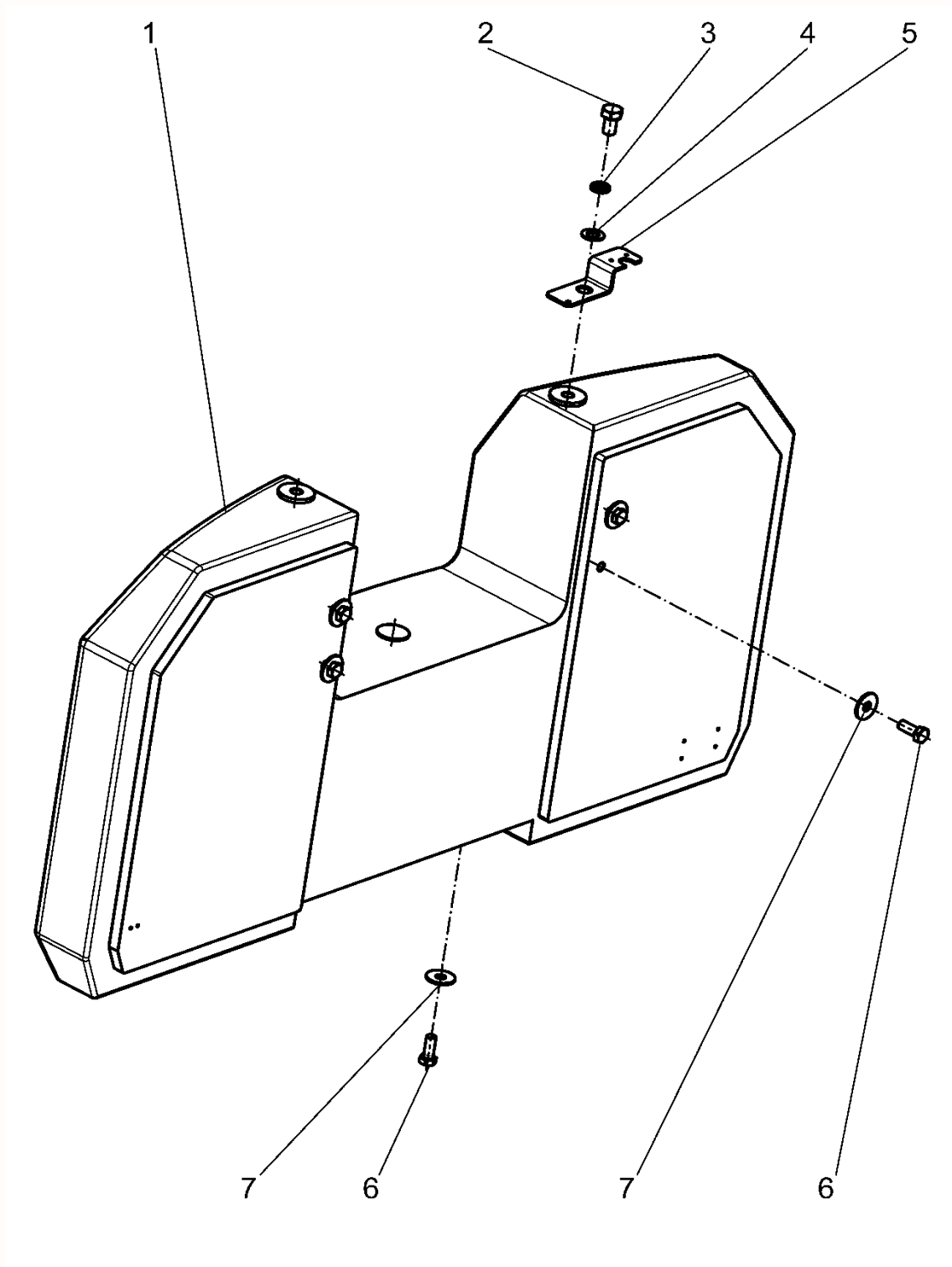
Rotary mechanism 00771900900000000



Rotary mechanism 007719009000000000

No.	Material No.	Item and Spec	Qty	Remark
1	1040004029	Bolt M12×35-10.9	2	GB/T5783-2000
2	1040301503	Washer 12	2	GB/T93-1987
3	1010101004	Rotary motor	1	
4	1040004501	Bolt M20×60-10.9	5	GB/T5783-2000
5	00771400900001010	Position pin	1	
6	1030202409	Rotary reducer i=51.5	1	
7	1040005853	Bolt M20×140-10.9	60	GB/T1228-1991
8	1040302502	Washer 20	65	GB/T1230-1991
9	1031500371	Rotary bearing m=8, z=130, ×=+0.5	1	

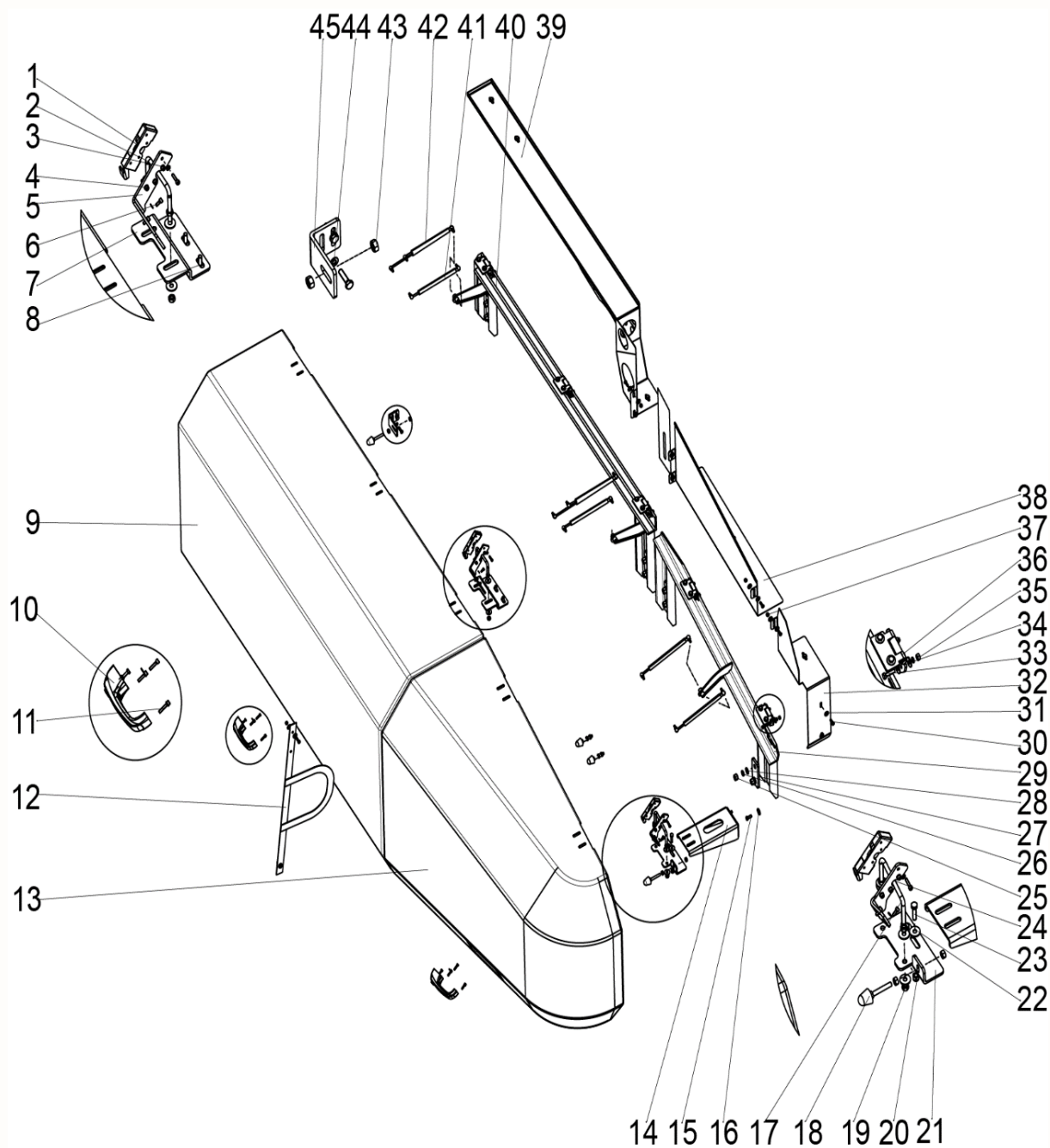
Counterweight assembly 02556201010000000



Counterweight assembly 0255620101000000

No.	Material No.	Item and Spec	Qty	Remark
1	02556201000001010	Counterweight	1	
2	1040004500	Bolt M30×50-8.8	1	GB/T5783-2000
3	1040301808	Washer 30	1	GB/T93-2000
4	1040301513	Washer 30-200HV	1	
5	00771401000001050	Warn light bracket Tp6	1	
6	1040004613	Bolt M24×60-10.9	6	GB/T5782-2000
7	1040300189	Washer 24-140HV	6	GB/T96.1-2002

Hood assembly 02556201110000000

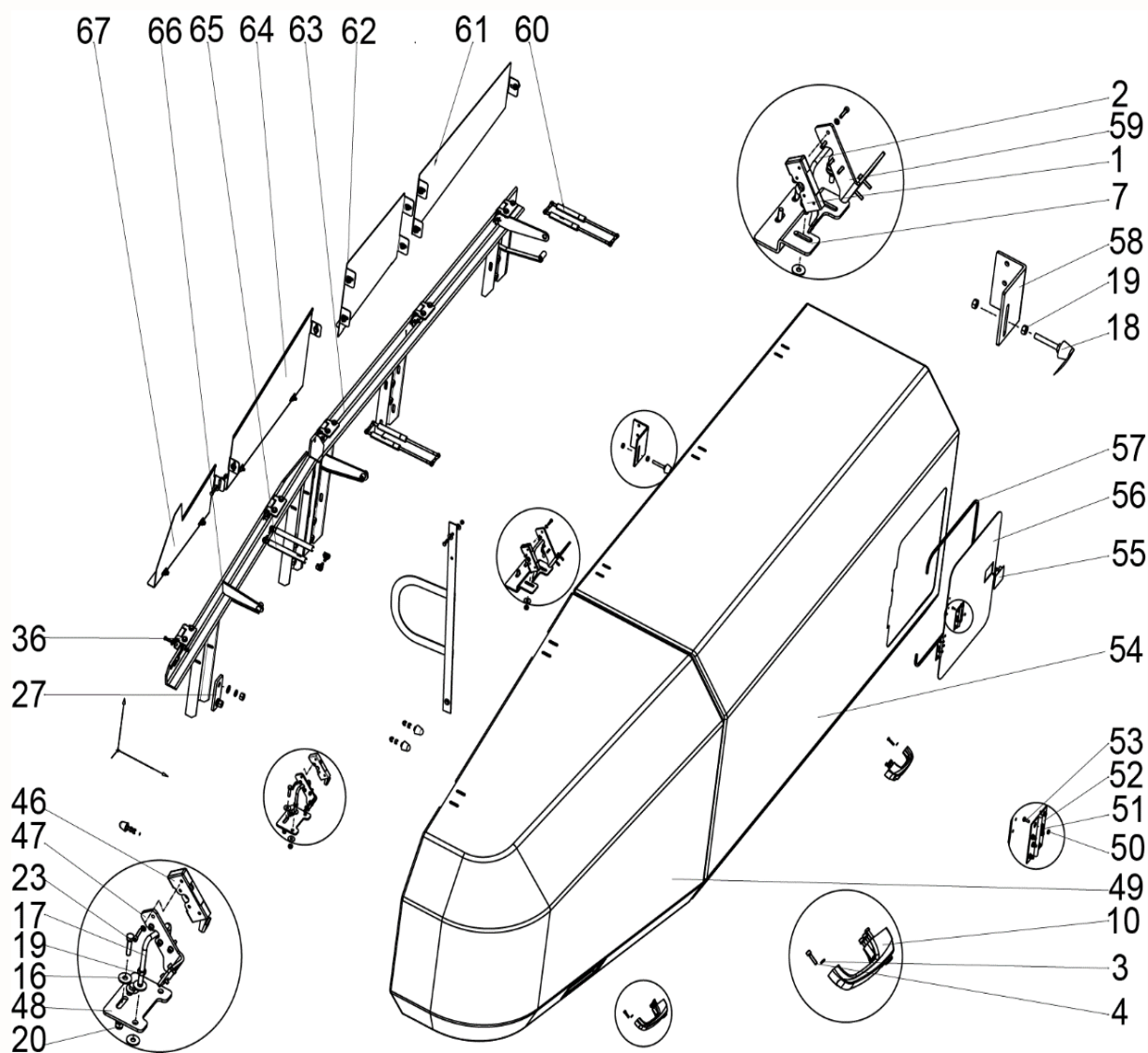


TURNABLE

Hood assembly 02556201110000000

No.	Material No.	Item and Spec	Qty	Remark
1	1109900765	Hydraulic door lock 50075-	3	
2	00771601110901010	Round steelφ10	2	
3	1040300771	Washer 6-200HV	36	GB/T97.1-2002
4	1040100105	Screw M6×25-8.8	26	GB/T70.1-2000
5	00771401110001011	Right-front key cylinder	1	
6	1040102774	Screw M6×15-8.8	1	GB/T70.1-2000
7	02556201100801010	Mounting plate	2	
8	1040004565	Bolt M10×30-8.8-DKL	4	GB/T5783-2016
9	02556201101000000	Left-front hood welds	1	
10	1100700163	Door handle	4	26983-09
11	1040101643	Screw M6×30-A2-70	4	GB/T70.1-2000
12	00771901100001330	Stay cord	2	
13	02556201100400000	Left-rear hood welds	1	
14	00771901100001310	Mounting plate	1	
15	1040004033	Bolt M10×25-10.9	3	GB/T5783-2000
16	1040302512	Washer 10-200HV	23	GB/T96.1-2002
17	00771601101001021	Round steelφ10	2	
18	1040004678	Door stop bolt M10×70	8	
19	1040200113	Nut M10-8	32	GB/T6170-2000
20	1040200504	Nut M10-8	8	GB/T889.1-2000
21	00772101102401011	Plate	1	
22	1040302512	Washer 10-200HV	28	GB/T96.1-2002
23	1040004507	Bolt M10×40-8.8	4	GB/T5783-2000
24	00771101100001081	Key cylinder mounting plate	1	
25	1040201382	Nut M16-8	18	GB/T6170-2000
26	1040301505	Washer 16	18	GB/T93-1987
27	00771401110001030	Pressing plate	9	
28	1040302492	Washer 16-200HV	18	GB/T97.1-2002
29	00771901104800000	Left-rear hood mounting	1	
30	1040004519	Bolt M8×25-8.8	29	GB/T5783-2000
31	1040302480	Washer 8-200HV	166	GB/T96.1-2002
32	02556201101200001	Sealing plate	1	
33	1040004520	Bolt M8×30-8.8	56	GB/T5783-2000
34	1040301510	Washer 8	50	GB/T93-1987
35	1040201089	Nut M8-8	54	GB/T6170-2000

Hood assembly 02556201110000000



TURNABLE

Hood assembly 02556201110000000

No.	Material No.	Item and Spec	Qty	Remark
36	00771401141000001	Hinge	10	
37	1040004519	Bolt M8×25-8.8	29	GB/T5783-2000
38	00771901110001060	Sealing plate	1	
39	02556201100001050	Sealing plate IV	1	
40	00771901104000000	Left-front hood mounting bracket	1	
41	1110100302	Gas spring extending length 485mm, S=200mm, F=800N	4	094587
42	1110100363	Gas spring extending length 485mm,S=200mm,F=900N,M8×2	2	485×200-900N- 8442LT
43	1040200113	Nut M10-8	16	GB/T6170-2000
44	1040301515	Gasket 8-200HV	2	GB/T97.1-2002
45	00771601000001062	Plate	1	
46	1109900766	Battery door lock 50076-C38K	1	
47	00771101100001021	Key cylinder mounting plate	1	
48	00771601101001011	板	1	
49	02556201100600000	Right-rear hood welds	1	
50	1040201772	Nut M4-A2-70	16	GB/T6170-2000
51	1040302410	Washer 4-200HV	16	GB/T97.1-2002
52	1101000002	Normal hinge	2	GB/T7277-1987
53	1029903782	Cross recessed pan head screw	16	GB/T818-2000
54	02556201100200000	Left-front hood welds	1	
55	1109800044	Tongue-type lock	1	YKGS282SS
56	00771401143001010	Electric box door plate	1	
57	00771101103001020	Sponge bar	1	
58	00771601110001030	Bending plate	1	
59	00771901110001020	Right-front key cylinder mounting	1	
60	11101003774	Gas spring 2064UK/950N/K4/D4	4	2064UK
61	02556201100001070	Sealing plateVI	1	
62	02556201100001060	Sealing plateV	1	
63	00771901111800000	Right-front hood mounting bracket	1	
64	02556201100001020	Sealing plateI	1	
65	1020605390	Gas spring extending length 435mm,S=162mm,F=1200N,M8×	2	
66	00772101101600000	Right-rear hood mounting bracket	1	
67	00771901100001340	Sealing plate	1	

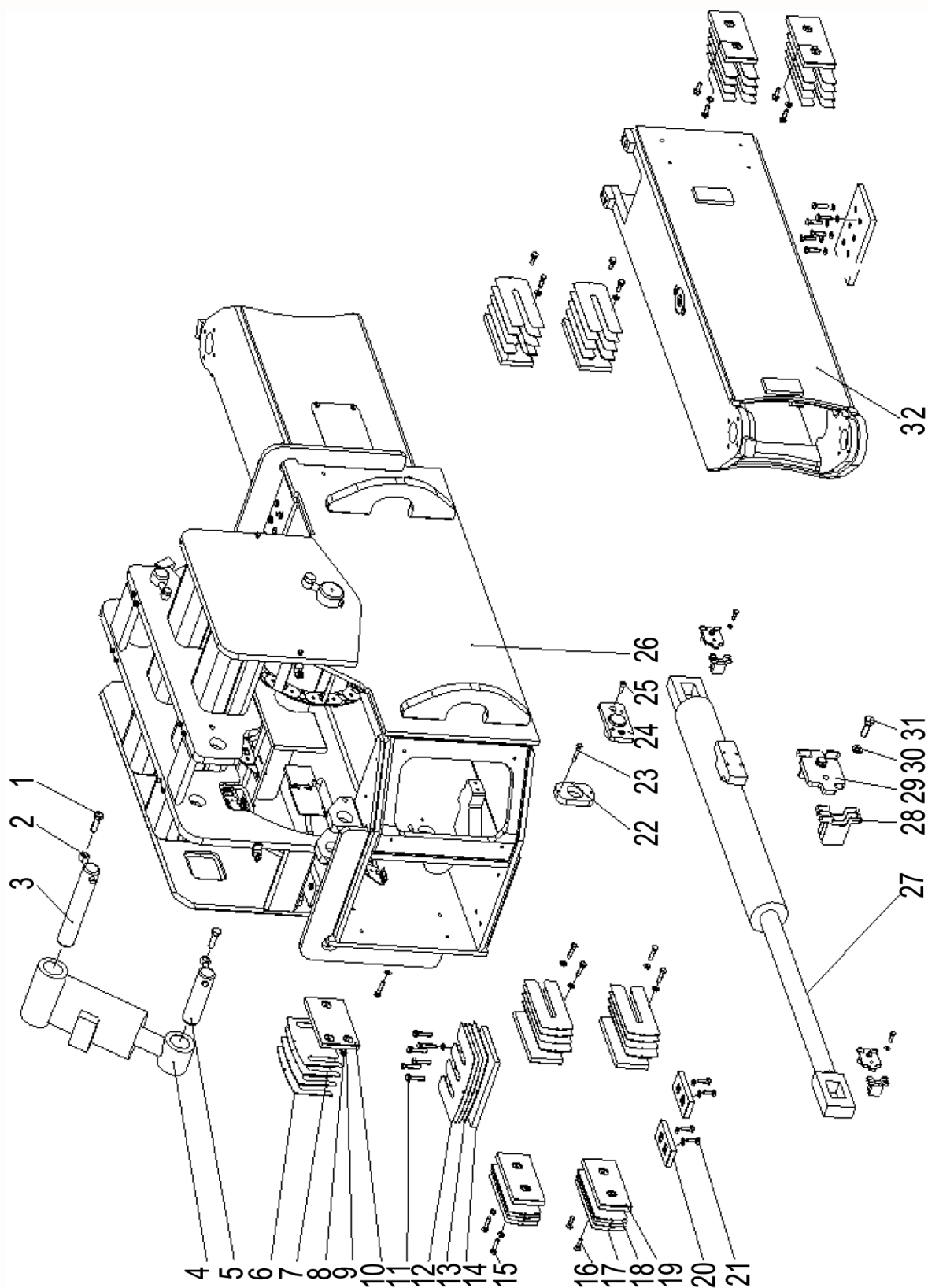
ZOOMLION

Parts Manual

Section 4 Chassis



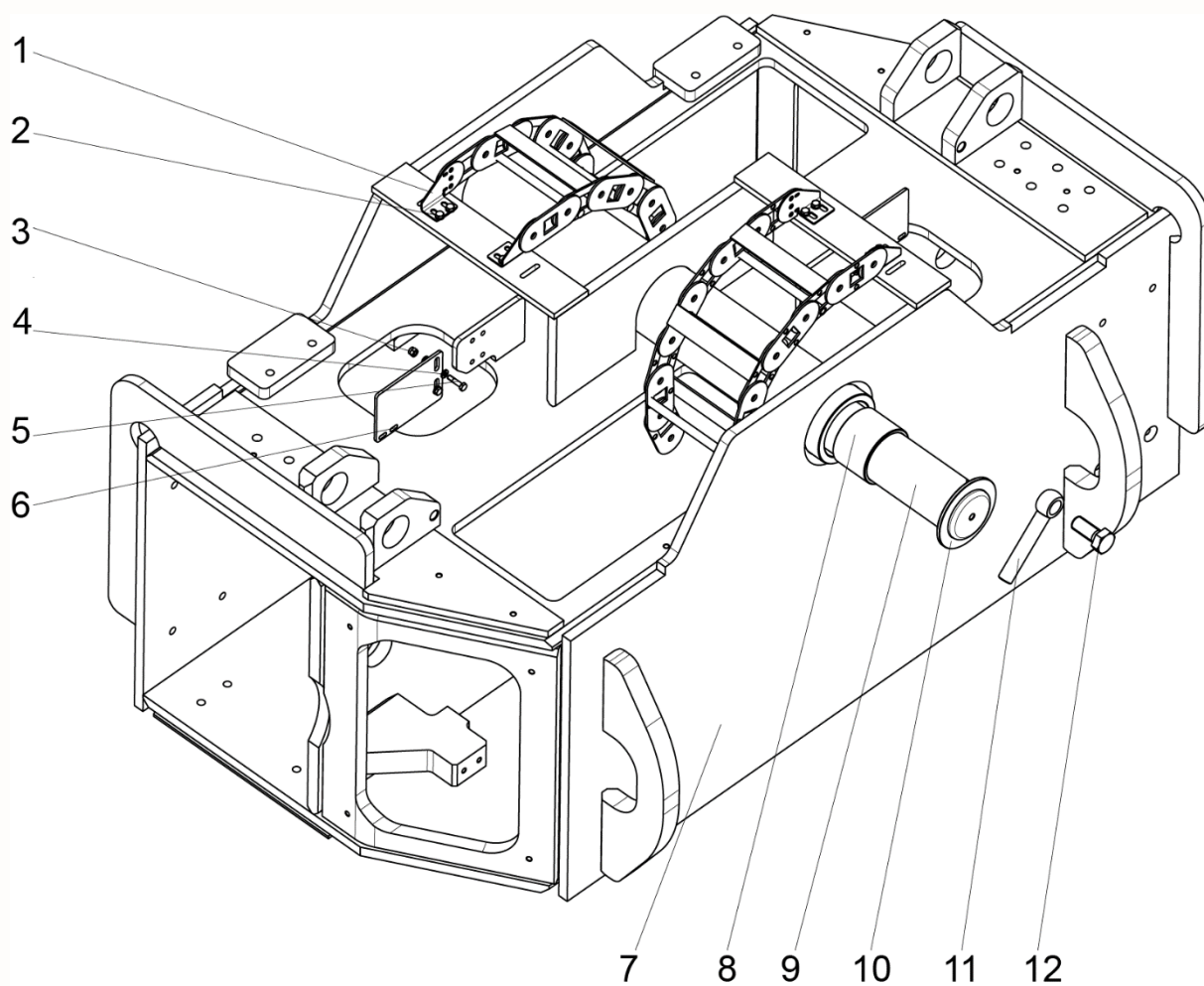
Chassis assembly 02556202800000000



Chassis assembly 02556202800000000

No.	Material No.	Item and Spec	Qty	Remark
1	1040002464	Bolt M16×50-8.8	4	GB/T5782-2000
2	00773400400001250	Stop pin	4	
3	00771602800001210	Float cylinder pin II	2	
4	00771602801400000	Float cylinder	2	
5	00771602800001170	Float cylinder pin I	2	
6	00771602800001421	Swing frame slider -adjustable pad	8	
7	00771602800001431	Swing frame slider -adjustable pad II	4	
8	1040004508	Bolt M10×45-8.8	6	GB/T5783-2000
9	1040302489	Washer 10-200HV	148	GB/T97.1-2002
10	00771602804000000	Swing frame slider assembly	2	
11	1040004509	Bolt M10×50-8.8	24	GB/T5783-2000
12	00771602800001241	Outrigger upper adjustable gasket II	12	
13	00772102800001021	Outrigger upper adjustable gasket	4	
14	00772102802200000	Slider	8	
15	1040004507	Bolt M10×40-8.8	16	GB/T5783-2000
16	1040101122	Screw M10×35-8.8	4	GB/T70.3-2000
17	00771602800001221	Adjustable gasket	12	
18	00772102800001011	Outrigger side adjustable gasket	45	
19	00772102800200000	Slider	16	
20	00772102801800000	Slider	8	
21	1040004565	Bolt M10×30-8.8-DKL	16	GB/T5783-2016
22	00771602800001300	Plate	4	
23	1040004245	Bolt M8×55-8.8	4	GB/T27-1988
24	00771602803200000	Limit pin	4	
25	1040101492	Screw M10×25-8.8	8	GB/T70.1-2000
26	02556202801200000	Swing frame welds	1	
27	00771602801200000	Outrigger telescopic cylinder	4	
28	00771602800001321	Telescopic cylinder adjustable gasket	48	
29	00771602800001311	Telescopic cylinder pressing plate	8	
30	1040301515	Washer 8-200HV	116	GB/T97.1-2002
31	1040002265	Bolt M8×25-10.9	16	GB/T5783-2000
32	02556202801400000	Movable outrigger	4	

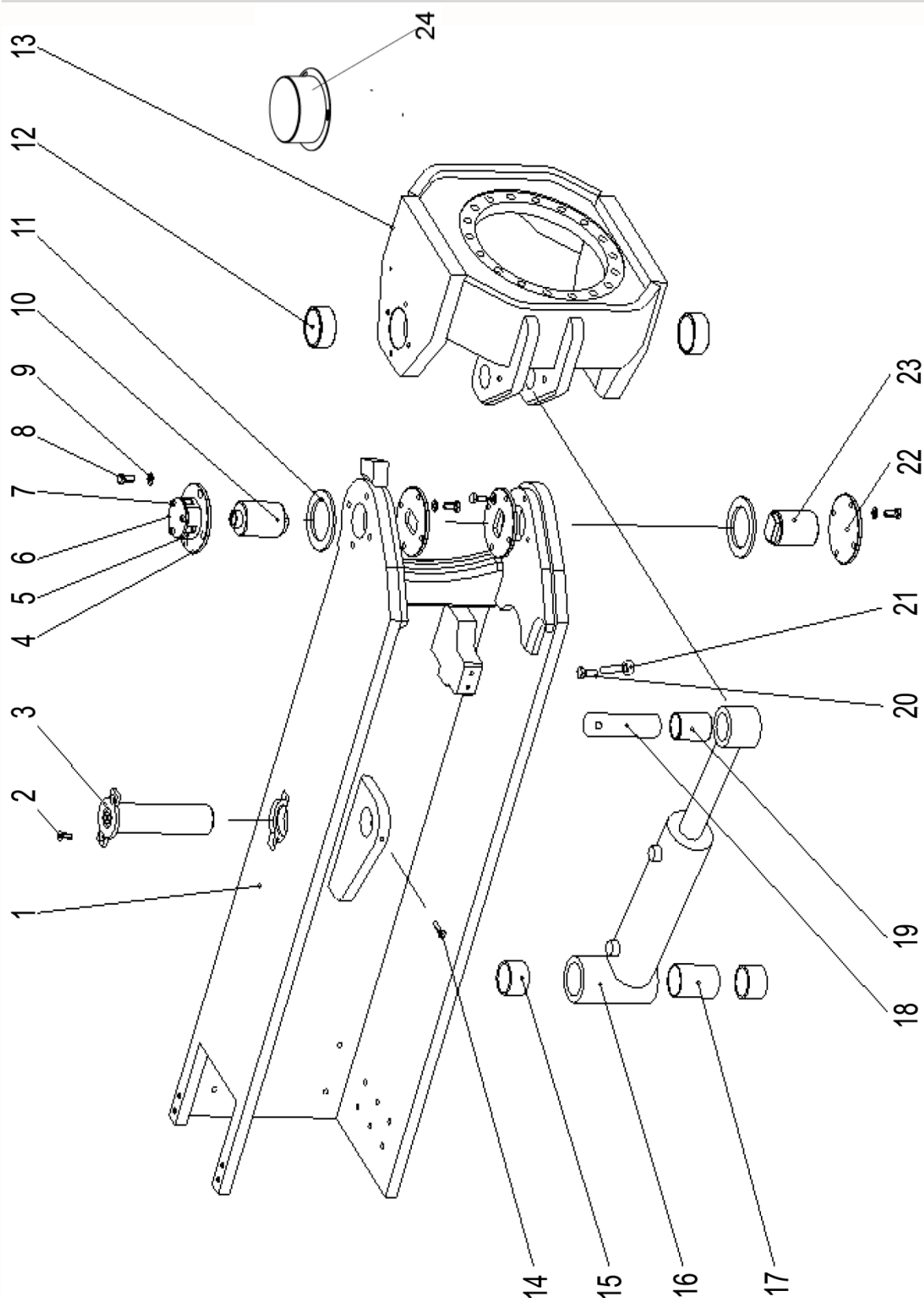
Chassis assembly 02556202800000000



Chassis assembly 02556202800000000

No.	Material No.	Item and Spec	Qty	Remark
1	00771602801600000	Chain system	4	
2	1040002178	Bolt M6×30-A2-70	16	GB/T5783-2000
3	1040201896	Nut M6-8	4	
4	1040300771	Washer 6-200HV	2	GB/T97.1-2002
5	1040001640	Bolt M6×25-A2-70	4	GB/T5783-2000
6	00771602800001520	Stroke switch mounting plate	4	
7	02556202801200000	Swing frame welds	1	
8	00771602800001350	Lubrication-free bearing III	2	
9	00771602800001140	Swing pin	1	
10	00771602800001410	Swing axle wear pad	1	
11	00773400400001170	Stop pin	1	
12	1040004499	Bolt M20×45-8.8	1	GB/T5783-2000

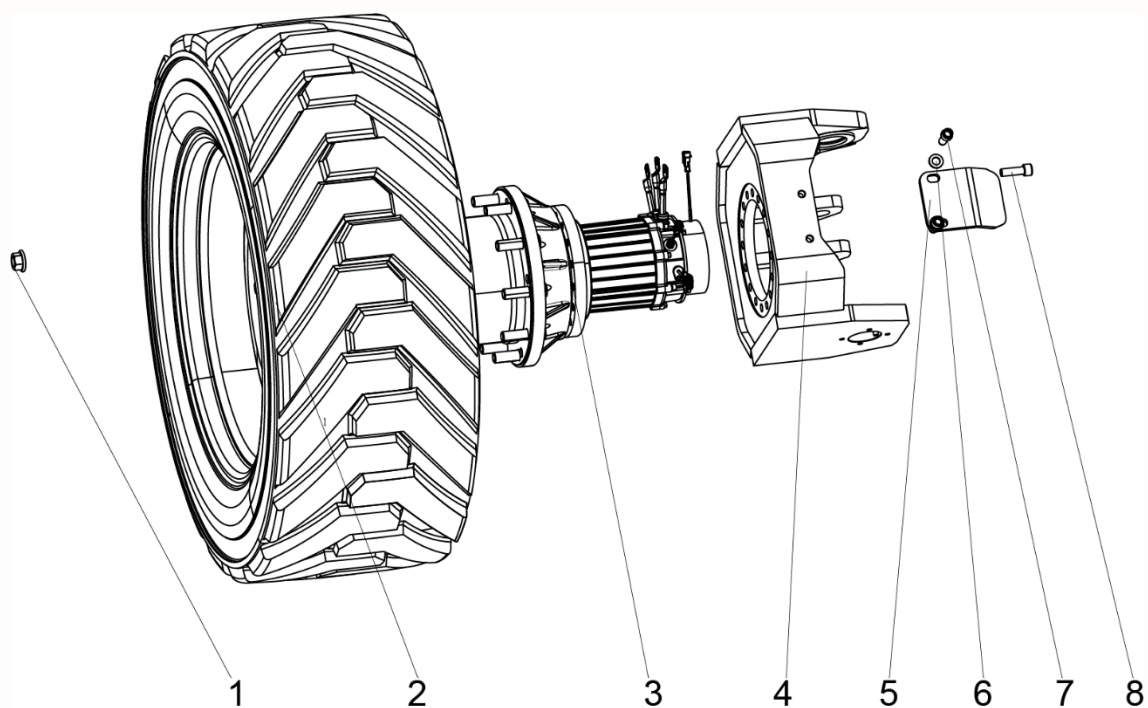
Chassis assembly 02556202800000000



Chassis assembly 02556202800000000

No.	Material No.	Item and Spec	Qty	Remark
1	02556202801410000	Outrigger welds	4	
2	1040100421	Screw M8×20-8.8	8	GB/T70.3-2000
3	00771602802200000	Steering cylinder inner pin	4	
4	00771602800001190	Clapboard	4	
5	00771602800001180	Sensor mounting seat	4	
6	00771602800001201	Cover plate	4	
7	1040100857	Screw M6×15-8.8	20	GB/T70.1-2008
8	1040002434	Bolt M10×25-8.8	64	GB/T5783-2000
9	1040302489	Washer 10-200HV	64	GB/T97.1-2002
10	00771602800001010	Steering upper pin	4	
11	00771602800001020	Wear pad	8	
12	00771602800001470	Lubrication-free bearing IV	8	
13	02556202800600000	Steering frame welds	4	
14	1040004520	Bolt M8×30-8.8	4	GB/T5783-2000
15	00773400300001070	Bearing	8	
16	00771602801000000	Steering cylinder	4	
17	00771602800001450	Steering cylinder spacer	4	
18	00771602800001080	Steering cylinder pin	4	
19	00771602800001330	Lubrication-free bearing I	4	
20	1040004511	Bolt M12×30-8.8	4	GB/T5783-2000
21	00773400200001070	Stop pin	4	
22	00771602800001130	Lower over plate	4	
23	00771602800001120	Steering lower pin	4	
24	00772102800600000	Protective hood	4	

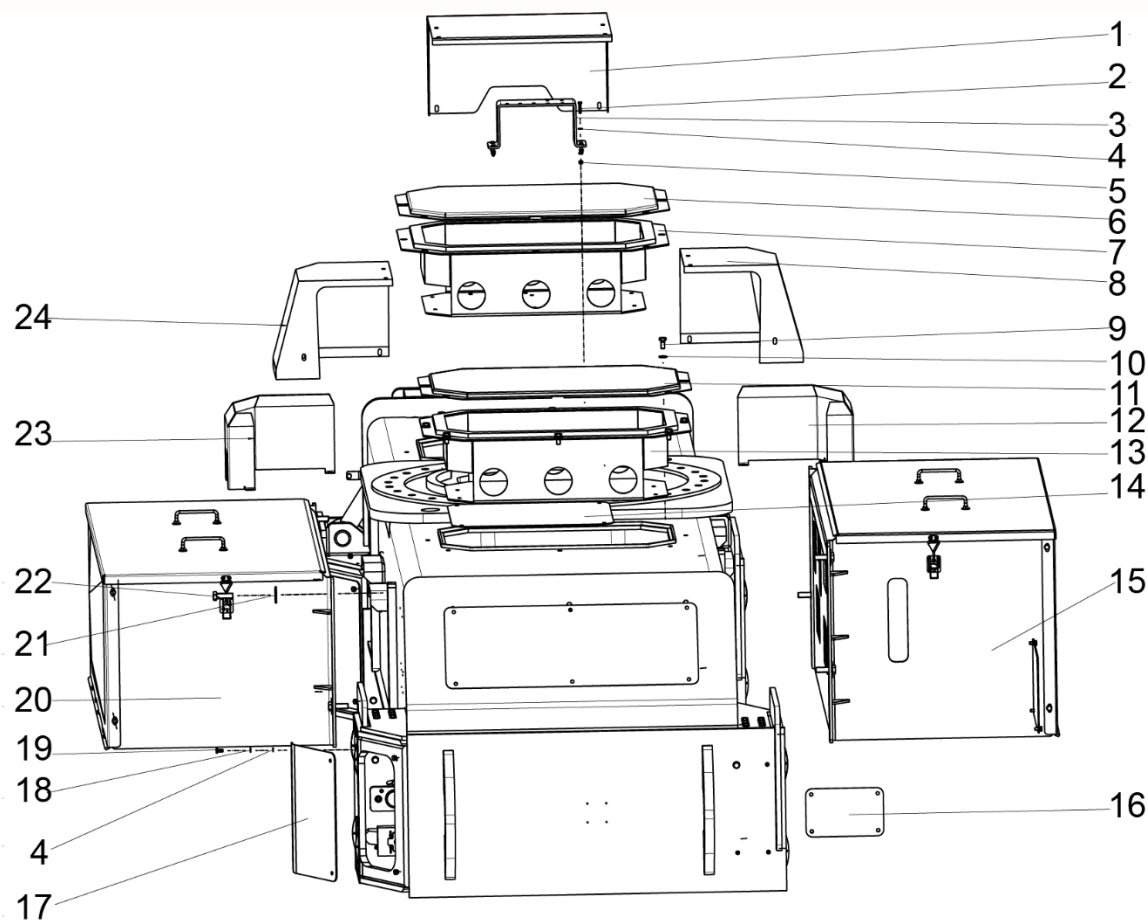
Chassis assembly 02556202800000000



Chassis assembly 02556202800000000

No.	Material No.	Item and Spec	Qty	Remark
1	1040201907	Hexagon nut with flange M22×1.5-10	40	GB/T6177.2-2016
2	1030801173	Tire	2	
	1030801174		2	
3	1029908763	Traveling reducer	4	
4	02556202800600000	Steering frame welds	4	
5	02556202800001031	Motor protective plate	4	
6	1040302492	Washer 16-200HV	8	GB/T97.1-2002
7	1040102055	Screw M16×45-10.9-DKL	8	GB/T70.1-2000
8	1040101980	Screw M16×50-10.9-DKL	64	GB/T70.1-2000

Chassis assembly 02556202800000000



Chassis assembly 02556202800000000

No.	Material No.	Item and Spec	Qty	Remark
1	00771602800001270	Chassis cover III	1	
2	1040002178	Bolt M6×30-A2-70	20	GB/T5783-2000
3	02556202800001040	Valve bracket	1	
4	1040300771	Washer 6-200HV	146	GB/T97.1-2002
5	1040201896	Nut M6-8	28	GB/T889.1-2015
6	02556202800001060	Upper cover plate II	1	
7	02556202801801010	Mounting tank	1	
8	00771602800001280	Chassis cover IV	1	
9	1040002436	Bolt M12×25-8.8	16	GB/T5783-2000
10	1040302490	Washer 12-200HV	16	GB/T97.1-2002
11	02556202800001050	Upper cover plate	1	
12	00771602800001250	Chassis cover I	1	
13	02556202801601010	Mounting tank	1	
14	00771602800001370	Frame cover plate I	1	
15	02556202800800000	Right tank body	1	
16	00771602800001390	Outrigger cover plate	4	
17	00771602800001230	Outrigger tank sealing plate	4	
18	1040301510	Washer 8	74	GB/T93-1987
19	1040004517	Bolt M8×16-8.8	74	GB/T5783-2000
20	02556202800400000	Left tank body	1	
21	1040300247	Washer 16-200HV	8	GB/T96.1-2002
22	1040005847	Bolt M16×50-10.9	8	GB/T5783-2000
23	00771602800001260	Chassis cover II	1	
24	00771602800001290	Chassis cover V	1	

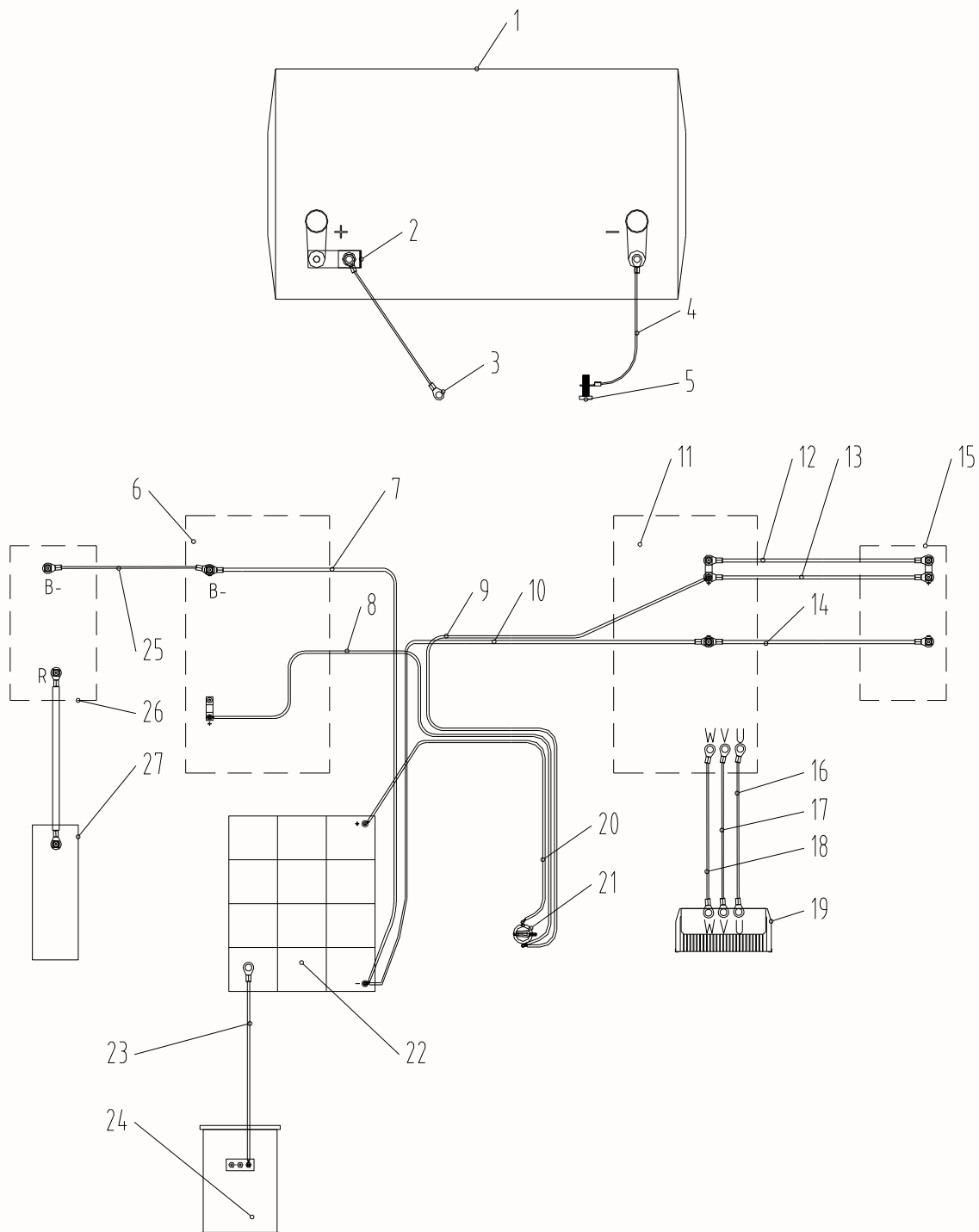
ZOOMLION

Parts Manual

Section 5 Power System



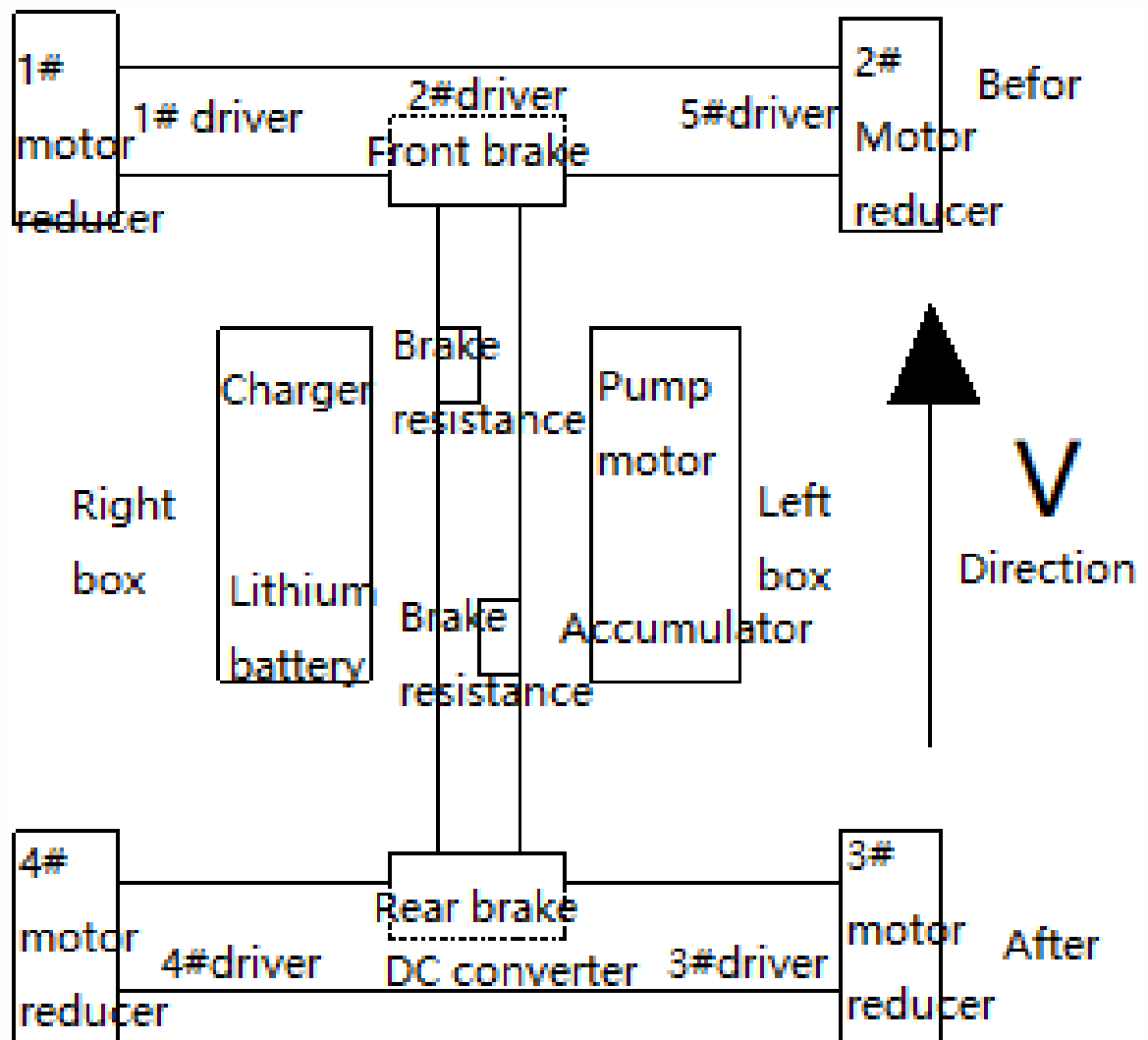
Power line 02556206210235000 (Weichai battery)



Power line 02556206210235000 (Weichai battery)

No.	Material No.	Item and spec	Qty	Note
1	1020999171	Battery	1	
2	1020605356	Battery fuse	1	
	00773406200621040	Battery fuse bracket 3	1	
	1020402443	Insulating nut	1	
3	02556206210235070	Auxiliary power pump and fuse wiring	1	
4	02556206210235110	Battery negative and bond wiring	1	
5	/	Bond stud	/	
6	1030101219	Rear axle assembly	1	
7	02556206210235090	Battery pack negative rear axle assembly B- wiring	1	
8	02556206210235080	Manual switch and rear axle assembly fuse wiring	1	
9	02556206210235020	Manual switch and front axle assembly fuse wiring	1	
10	02556206210235050	Battery pack negative and front axle assembly B- Wiring	1	
11	1030101218	Front axle assembly	1	
12	02556206210235030	Front axle assembly relay and front axle brake B+_IN wiring	2	
13	02556206210235040	Front axle brake B+_OUT and front axle assembly B+ wiring	2	
14	02556206210235060	Front axle brake B- and front axle assembly B- wiring	2	
15	1029908247	Front axle brake	1	
16	02556206210235130	Motor driver U and pump motor U wiring	1	
17	02556206210235140	Motor driver V and pump motor V wiring	1	
18	02556206210235150	Motor driver W and pump motor W wiring	1	
19	1020005658	Pump motor	1	
20	02556206210235010	Battery pack positive and manual switch wiring	2	
21	1029908097	Manual switch	1	
22	1020999084	Battery pack	1	
23	/	Battery pack and charger wiring	/	
24	1020005689	Charger	1	
25	02556206210235060	Front axle brake B- and front axle assembly B- wiring	2	
26	1020305468	Rear axle brake	1	
27	1029907955	Resistance	4	

Power line 02556206210235000 (Weichai battery)



Power line 02556206210235000 (Weichai battery)

No.	Material No.	Item and spec	Qty	Note
1	1020999171	Battery	1	
2	1020605356	Battery fuse	1	
	00773406200621040	Battery fuse bracket 3	1	
	1020402443	Insulating nut	1	
3	02556206210235070	Auxiliary power pump and fuse wiring	1	
4	02556206210235110	Battery negative and bond wiring	1	
5	/	Bond stud	/	
6	1030101219	Rear axle assembly	1	
7	02556206210235090	Battery pack negative rear axle assembly B- wiring	1	
8	02556206210235080	Manual switch and rear axle assembly fuse wiring	1	
9	02556206210235020	Manual switch and front axle assembly fuse wiring	1	
10	02556206210235050	Battery pack negative and front axle assembly B- Wiring	1	
11	1030101218	Front axle assembly	1	
12	02556206210235030	Front axle assembly relay and front axle brake B+_IN wiring	2	
13	02556206210235040	Front axle brake B+_OUT and front axle assembly B+ wiring	2	
14	02556206210235060	Front axle brake B- and front axle assembly B- wiring	2	
15	1029908247	Front axle brake	1	
16	02556206210235130	Motor driver U and pump motor U wiring	1	
17	02556206210235140	Motor driver V and pump motor V wiring	1	
18	02556206210235150	Motor driver W and pump motor W wiring	1	
19	1020005658	Pump motor	1	
20	02556206210235010	Battery pack positive and manual switch wiring	2	
21	1029908097	Manual switch	1	
22	1020999084	Battery pack	1	
23	/	Battery pack and charger wiring	/	
24	1020005689	Charger	1	
25	02556206210235060	Front axle brake B- and front axle assembly B- wiring	2	
26	1020305468	Rear axle brake	1	
27	1029907955	Resistance	4	

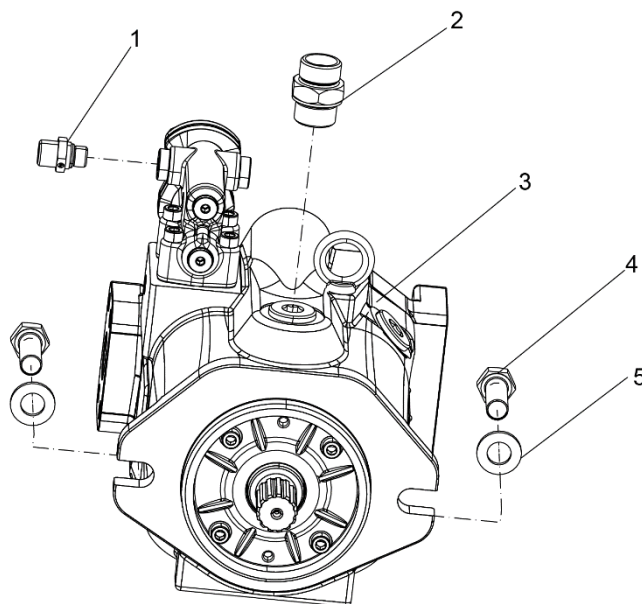
ZOOMLION

Parts Manual

Section 6 Hydraulic System



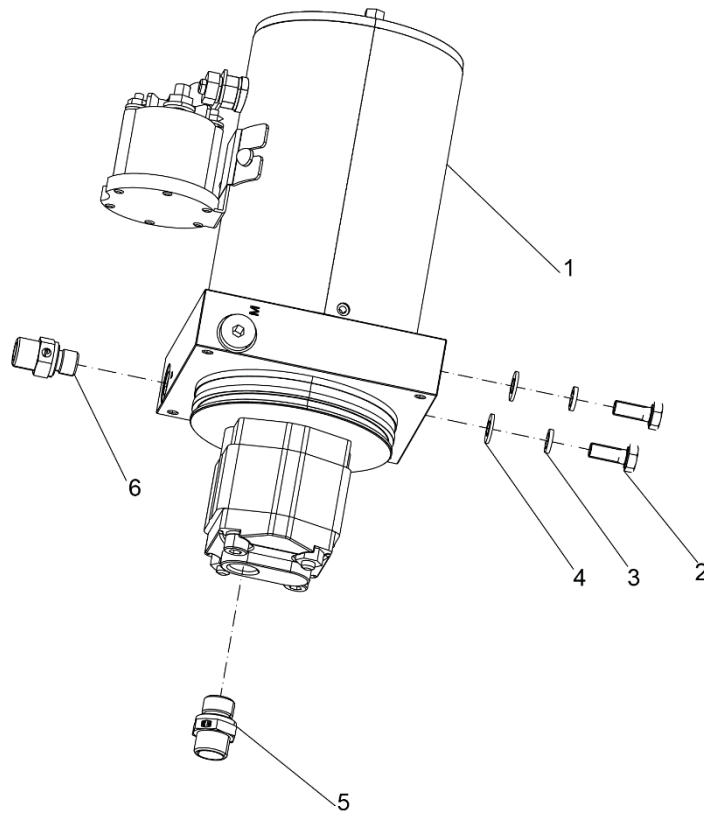
Functional pump assembly installation 02556205210601010



Functional pump assembly installation 02556205210601010

No.	Material No.	Item and Spec	Qty	Remark
1	1140107814	Male stud connector	1	GE08L7/16UNFOMDCF
2	1140105246	Male stud connector	1	GE15L7/8UNFOMDCF
3	1010002380	Open pump	1	
4	1040000575	Bolt	2	GB/T5783-2016 M12×35-10.9
5	1040302490	Washer	2	GB/T97.1-2002 12-200HV

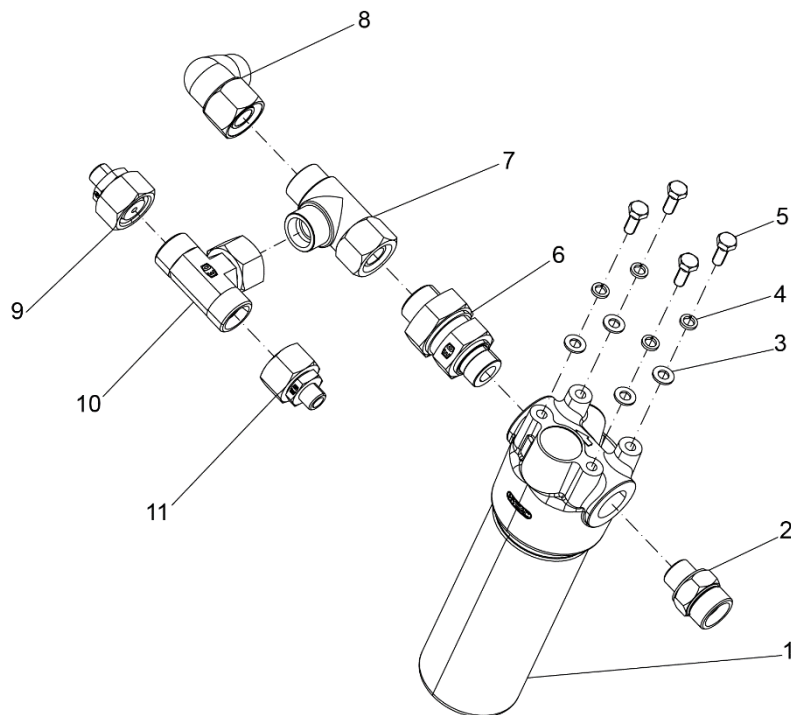
Emergency pump assembly installation 02556205210601020



Emergency pump assembly installation 02556205210601020

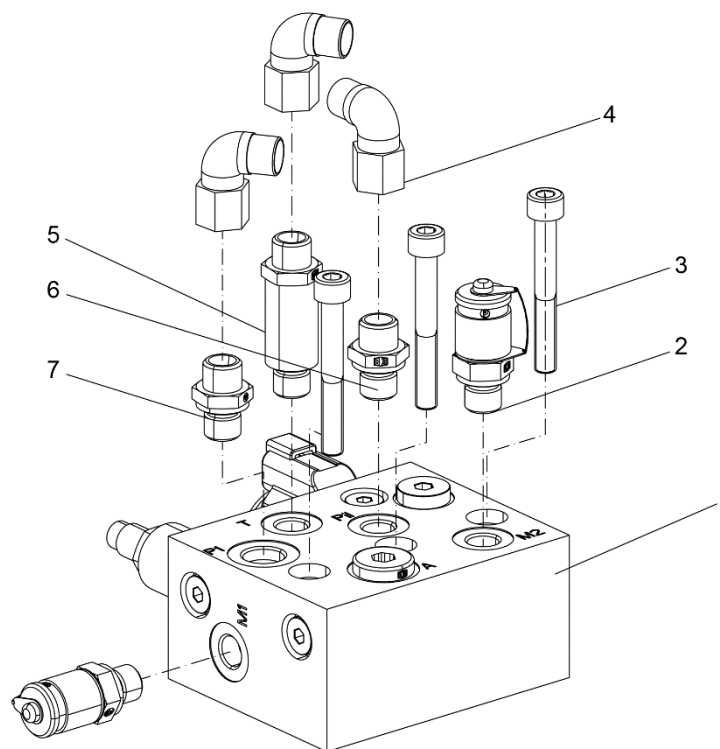
No.	Material No.	Item and Spec	Qty	Remark
1	1010001903	Emergency pump	1	800602414
2	1040004518	Bolt	2	GB/T5783-2000 M8×20-8.8
3	1040301510	Washer	2	GB/T93-1987 8
4	1040301515	Washer	2	GB/T97.1-2002 8-200HV
5	1140101462	Male stud connector	1	GE12LREDOMDCF
6	1140102408	Male stud connector	1	GE08SREDOMDCF

Filter assembly installation 02556205210601020



Filter assembly installation 02556205210601020

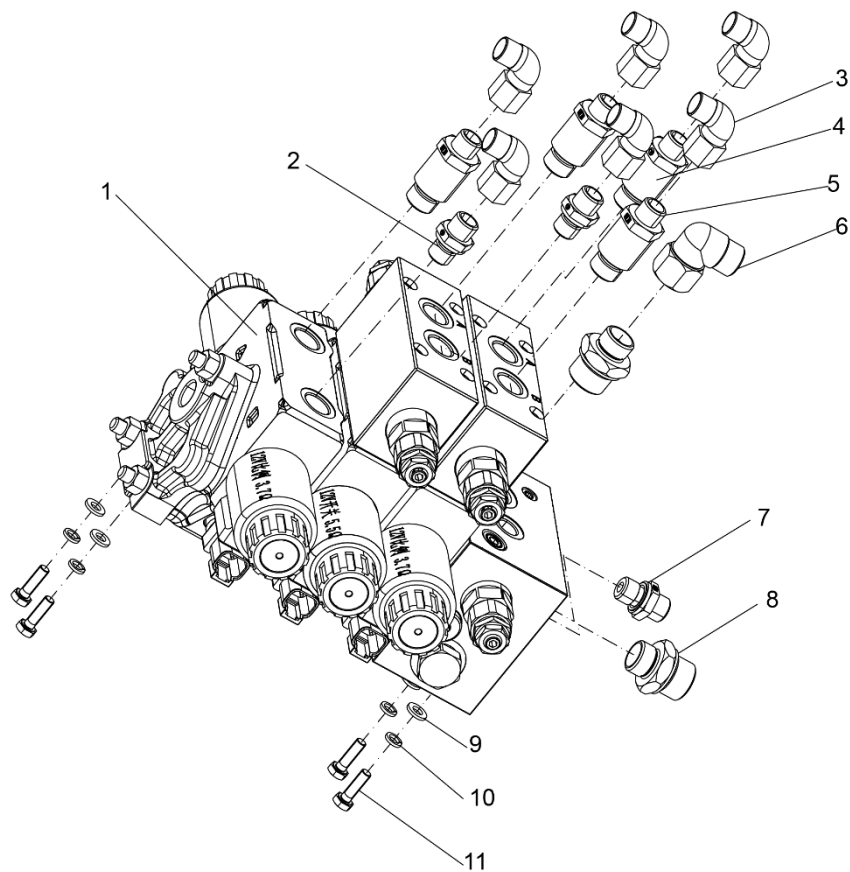
No.	Material No.	Item and Spec	Qty	Remark
1	1010601137	High pressure filter	1	
2	1140101523	Male stud connector	1	GE20SREDOMDCF
3	1040301515	Washer	4	GB/T97.1-2002 8-200HV
4	1040301510	Washer	4	GB/T93-1987 8
5	1040004518	Bolt	4	GB/T5783-2000 M8×20-8.8
6	1010305956	Non return valve	1	RHV20SREDOMDCF
7	1140101711	Tube to swivel	1	EL20SOMDCF
8	1140101534	Tube to swivel	1	EW20SOMDCF
9	1149901687	Reducer union	1	RED20S/08LOMDCF
10	1140101999	Tube to swivel	1	ET20SOMDCF
11	1140103359	Reducer union	1	RED20/08SOMDCF

Float control valve installation 02556205210601040


Float control valve installation 02556205210601040

No.	Material No.	Item and Spec	Qty	Remark
1	1010308264	Float control valve	1	
2	1140114187	Test pressure connector	2	SD-M16×2-F-G1/4"
3	1040102739	Screw	3	GB/T70.1-2000 M8×60-8.8
4	1140101475	Tube to swivel	3	EW08LOMDCF
5	1140114948	Long male stud connector	1	GE08LREDOMDCF-L60
6	1140111237	Male stud connector	2	GE08LREDOMDCF
7	1140108469	Male stud connector	1	GE08LR3/8EDOMDCF

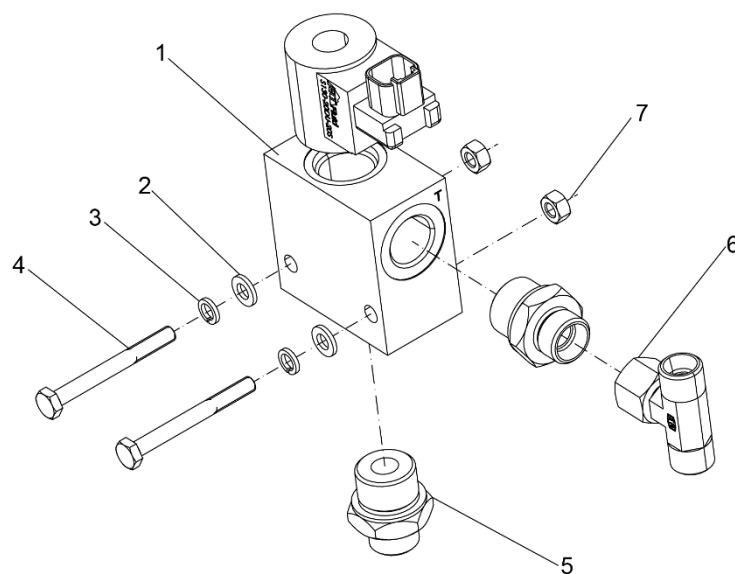
Steering axle extending valve installation 02556205210601050



Steering axle extending valve installation 02556205210601050

No.	Material No.	Item and Spec	Qty	Remark
1	1010309472	Steering axle extending valve	1	
2	1140108469	Male stud connector	1	GE08LR3/8EDOMDCF
3	1140101475	Tube to swivel	6	EW08LOMDCF
4	1140114949	Long male stud connector	1	GE08LR3/8EDOMDCF-L80
5	1149901686	Long male stud connector	3	GE08LR3/8EDOMDCF-L50.5
6	1140101477	Tube to swivel	1	EW12LOMDCF
7	1140111237	Male stud connector	1	GE08LREDOMDCF
8	1140101463	Male stud connector	2	GE12LR1/2EDOMDCF
9	1040302487	Washer	4	GB/T97.1-2002 6-200HV
10	1040302939	Washer	4	GB/T93-1987 6
11	1040004514	Bolt	4	GB/T5783.1-2002 M6*20-8.8

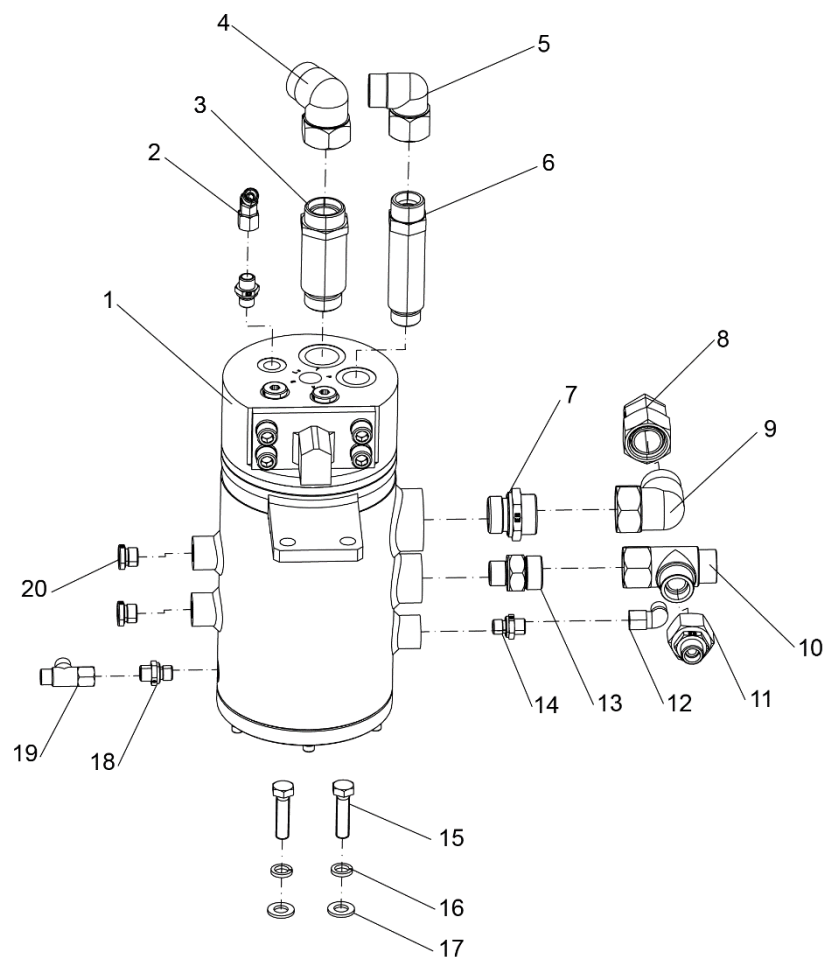
Stop valve installation of turntable and chassis 02556205210601060



Stop valve installation of turntable and chassis 02556205210601060

No.	Material No.	Item and Spec	Qty	Remark
1	1010307623	Solenoid valve	1	
2	1040300771	Washer	2	GB/T97.1-2002 6-200HV
3	1040301610	Washer	2	GB/T93-1987 6
4	1040001185	Bolt	2	GB/T5782-2000 M6*55-8.8
5	1140101463	Male stud connector	2	GE12LR1/2EDOMDCF
6	1140101483	Tube to swivel	1	ET12LOMDCF
7	1040201865	Nut	2	GB/T6170-2000 M6-8

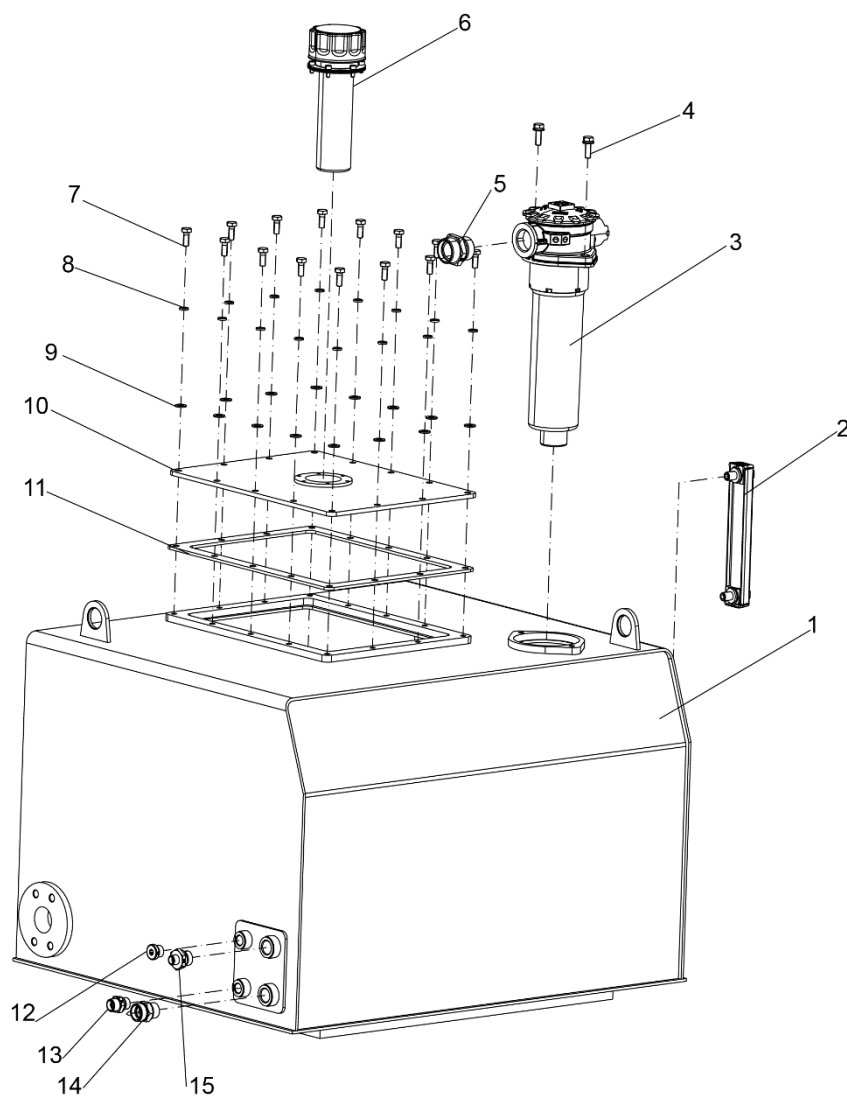
Swivel joint installation 02556205211200000



Swivel joint installation 02556205211200000

No.	Material No.	Item and Spec	Qty	Remark
1	1149902500	Swivel joint	1	ZYZH53
2	1140107801	45° built-up joint	1	EV08LOMDCF
3	1140115522	Long male stud connector	1	GE28LREDOMDCF-L100
4	1140101737	Tube to swivel	1	EW28LOMDCF
5	1140101534	Tube to swivel	1	EW20SOMDCF M30×2
6	1140115071	Long male stud connector	1	GE20SREDOMDCF-L125
7	1140103362	Male stud connector	1	GE28LREDOMDCF
8	1140107803	45° built-up joint	1	EV28LOMDCF
9	1140101737	Tube to swivel	1	EW28LOMDCF
10	1140101711	Tube to swivel	1	EL20SOMDCF
11	1019901499	Union built-up joint	1	RED20S/12LOMDCF
12	1140101475	Tube to swivel	1	EW08LOMDCF
13	1140101523	Male stud connector	1	GE20SREDOMDCF G3/4/M30×2
14	1140108469	Male stud connector	2	GE08LR3/8EDOMDCF
15	1040004608	Bolt	4	GB/T5782-2000 M12×45- 8.8
16	1040301503	Washer	4	GB/T93-1987 12
17	1040302490	Washer	4	GB/T97.1-2002 12-200HV
18	1140111237	Male stud connector	1	GE08LREDOMDCF
19	1140102959	Tube to swivel	1	EL08LOMDCF
20	1140101629	Plug screw	4	VSTI3/8EDCF

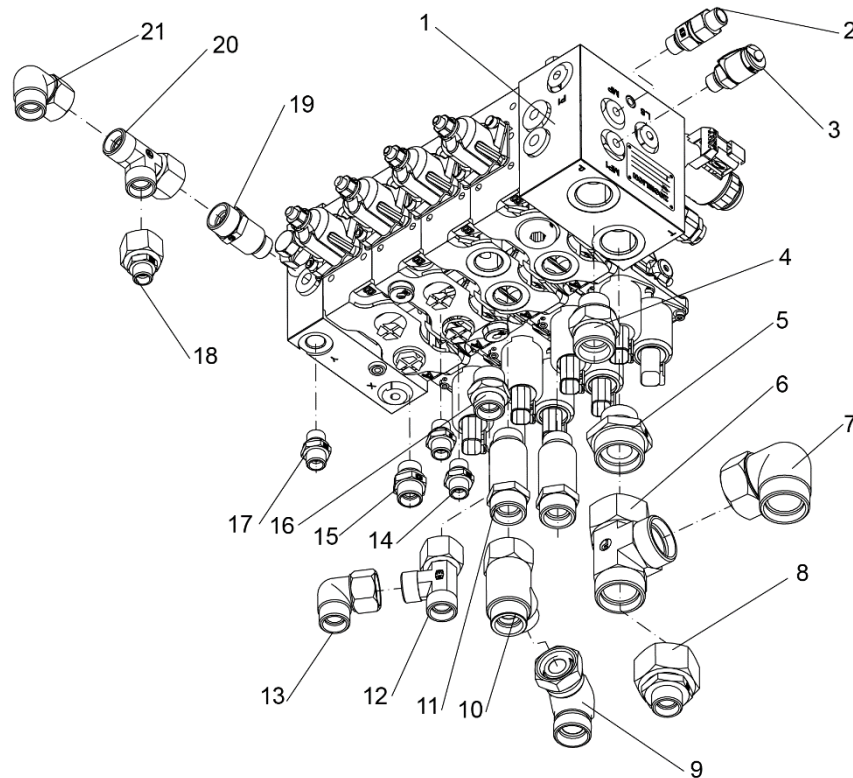
Hydraulic tank 02556205212600000



Hydraulic tank 02556205212600000

No.	Material No.	Item and Spec	Qty	Remark
1	02556205212610000	Hydraulic tank	1	
2	1019901354	Liquid level thermometer	1	FSA-176-1.0/T/10
3	1010601570	Return oil filter	1	RFMON185B D10A1.0
4	1040004519	Bolt	2	GB/T5783-2000 M8×25-8.8
5	1140103362	Male stud connector	1	GE28LREDOMDCF
6	1010500489	Air filter	1	EFB480H150-W
7	1040004518	Bolt	14	GB/T5783-2000 M8×20-8.8
8	1040301510	Washer	14	GB/T93-1987 8
9	1040301515	Washer	14	GB/T97.1-2002 8-200HV
10	00771405251620000	Cover assembly	1	
11	00771405201601010	Cover rubber pad	1	
12	1140101629	Hexagon oil end plug	1	VSTI3/8EDCF
13	1140101462	Male stud connector	1	GE12LREDOMDCF
14	1140102812	Male stud connector	1	GE18LREDOMDCF
15	1140111235	Male stud connector	1	GE08LR1/2EDOMDCF

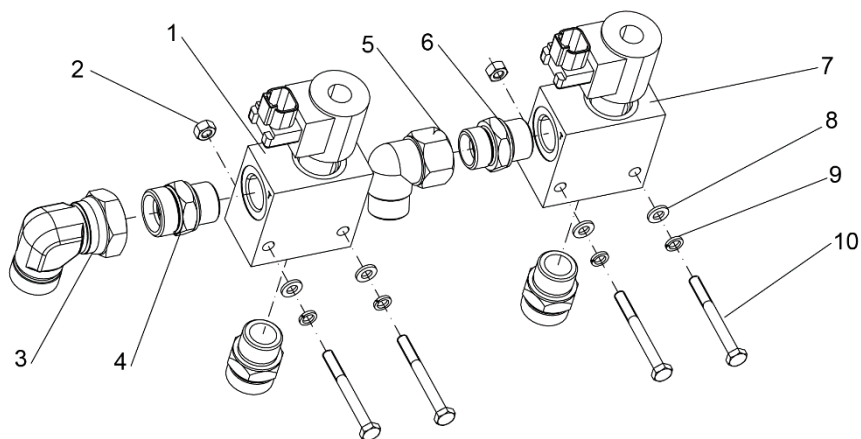
Main valve assembly installation 02556205210801010



Main valve assembly installation 02556205210801010

No.	Material No.	Item and Spec	Qty	Remark
1	1010309661	Main valve	1	
2	1159900832	Check valve	1	RHV08LREDOMDCF
3	1140114187	Test pressure connector	1	SD-M16×2-F-G1/4"
4	1140101523	Male stud connector	1	GE20SREDOMDCF
5	1140102940	Male stud connector	1	GE28LR3/4EDOMDCF
6	1060300324	Tube to swivel	1	EL28LOMDCF
7	1140101737	Tube to swivel	1	EW28LOMDCF
8	1140114591	Reducer union	1	RED28/15LOMDCF
9	1140101479	Right-angle connector	1	EW18LOMDCF
10	1140101488	T-junction	1	EL18LCFX
11	1140115402	Male stud connector	1	GE18LREDOMDCF-L75
12	1140101489	T-junction	1	EL15LCFX
13	1140101478	Right-angle connector	1	EW15LOMDCF
14	1140108469	Male stud connector	2	GE08LR3/8EDOMDCF
15	1140101462	Male stud connector	1	GE12LREDOMDCF
16	1140101464	Male stud connector	1	GE15LREDOMDCF
17	1140111237	Male stud connector	1	GE08LREDOMDCF
18	1060300302	Reducer union	1	RED15/08LOMDCF
19	1140115784	Long male stud connector	1	GE15LR3/8EDOMDCF-50
20	1140101489	T-junction	1	EL15LCFX
21	1140101478	Male stud connector	1	EW15LOMDCF

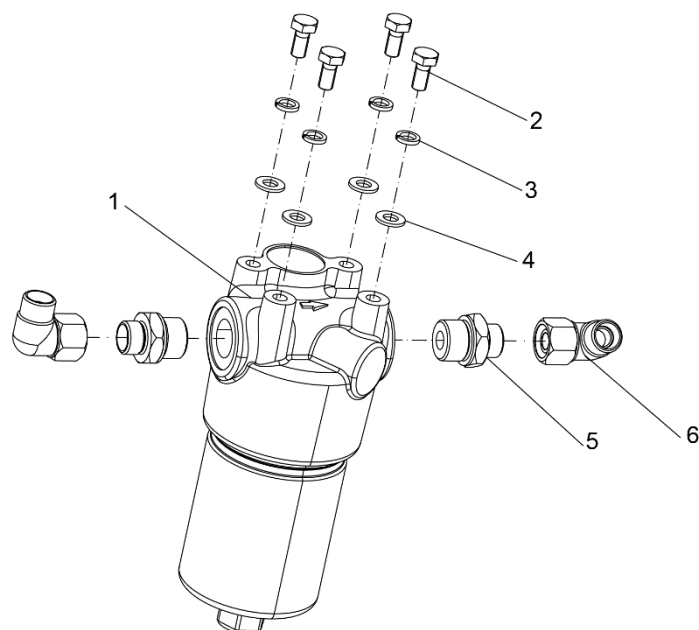
Stop valve assembly installation 02556205210801020



Stop valve assembly installation 02556205210801020

No.	Material No.	Item and Spec	Qty	Remark
1	1010307623	Solenoid valve	1	ST0062-AB00
2	1040201865	Nut	4	GB/T6170-2000 M6-8
3	1140101479	Right-angle connector	1	EW18LOMDCF
4	1140102812	Male stud connector	3	GE18LREDOMDCF
5	1140101478	Male stud connector	1	EW15LOMDCF
6	1140101464	Male stud connector	1	GE15LREDOMDCF
7	1010307624	Solenoid valve	1	ST0062-AB0A
8	1040300771	Washer	4	GB/T97.1-2002 6-200HV
9	1040301610	Washer	4	GB/T93-1987 6
10	1040001185	Bolt	4	GB/T5782-2000 M6*55-8.8

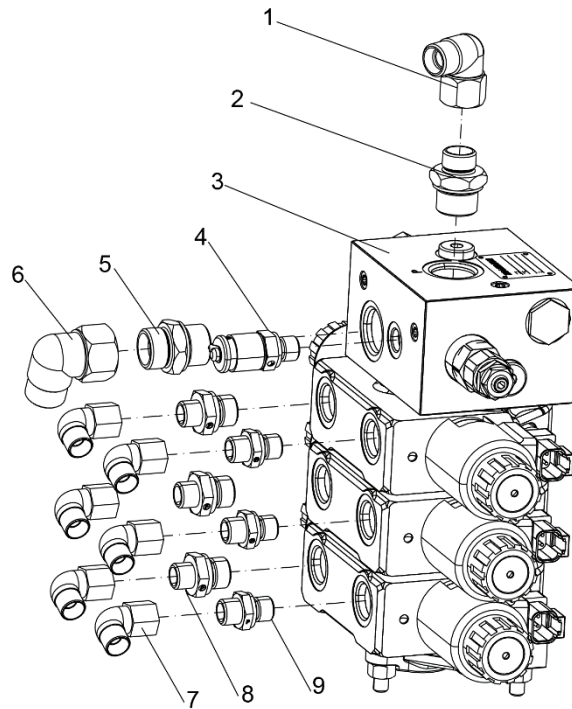
Platform hydraulic components installation (filter) 02556205211600000



Platform hydraulic components installation (filter) 02556205211600000

No.	Material No.	Item and Spec	Qty	Remark
1	1010601138	High pressure filter	1	
2	1040004517	Bolt	4	GB/T5783-2000 M8×16-8.8
3	1040301510	Washer	4	GB/T93-1987 8
4	1040301515	Washer	4	GB/T97.1-2002 8-200HV
5	1140101463	Male stud connector	2	GE12LR1/2EDOMDCF
6	1140101477	Tube to swivel	2	EW12LOMDCF

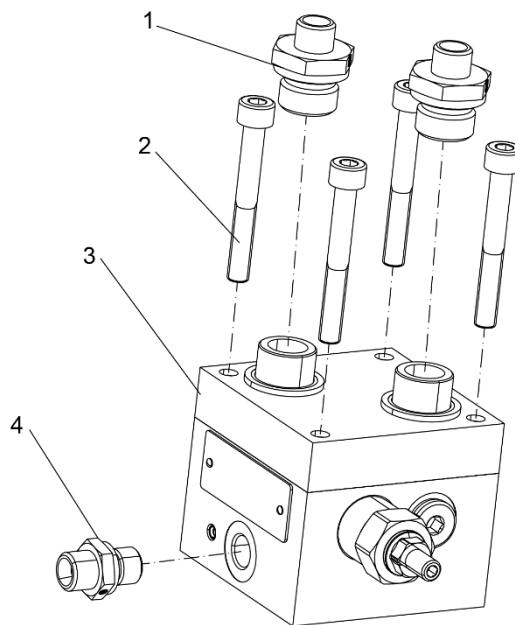
Platform hydraulic components installation (platform valve) 0255620521160000



**Platform hydraulic components installation (platform valve)
02556205211600000**

No.	Material No.	Item and Spec	Qty	Remark
1	1140101463	Male stud connector	1	GE12LR1/2EDOMDCF
2	1140101477	Tube to swivel	1	EW12LOMDCF
3	1010309471	Platform control valve	1	
4	1140114187	Test pressure connector	1	SD-M16×2-F-G1/4"
5	1140101464	Male stud connector	1	GE15LREDDOMDCF
6	1140101478	Right-angle connector	1	EW15LOMDCF
7	1140101475	Tube to swivel	6	EW08LOMDCF
8	1140114646	Long male stud connector	3	GE08LR3/8EDOMDCF-L60
9	1140108469	Male stud connector	3	GE08LR3/8EDOMDCF

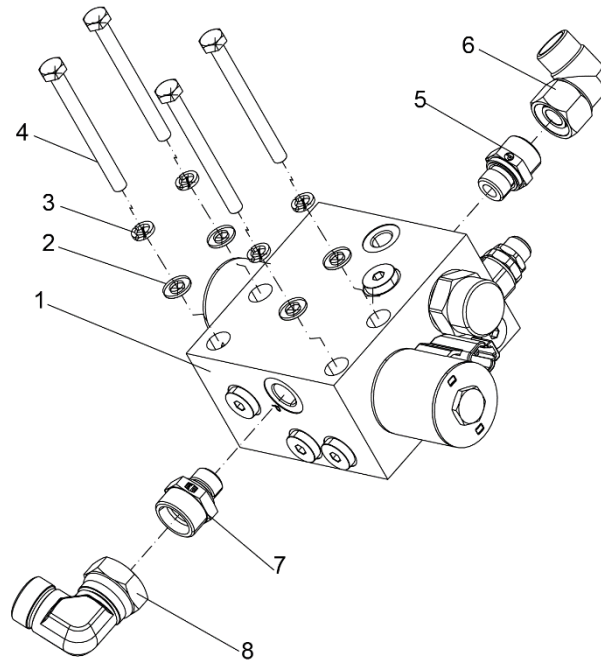
Rotary motor balance valve installation 02556205211401010



Rotary motor balance valve installation 02556205211401010

No.	Material No.	Item and Spec	Qty	Remark
1	1060300279	Male stud connector	2	GE08LR1/2EDOMDCF
2	1040102739	Screw	4	GB/T70.1-2000 M8×60-8.8
2	1010306674	Rotary motor balance valve (dual)	1	
4	1140111237	Male stud connector	1	GE08LREDOMDCF

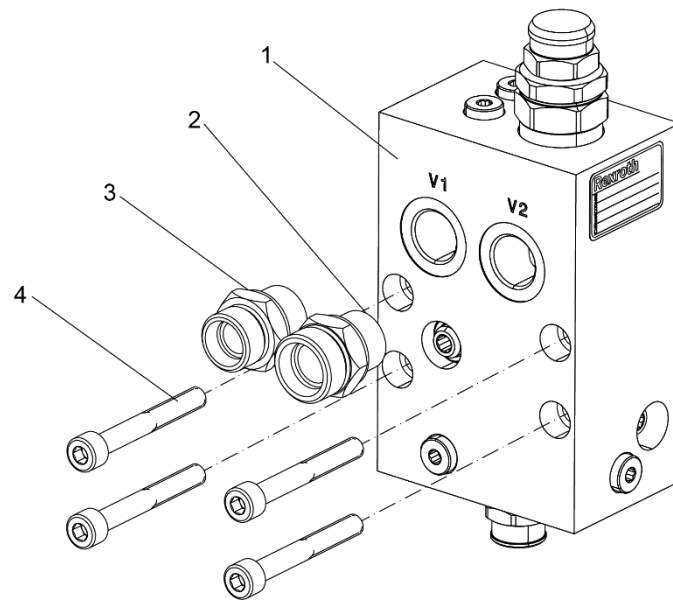
Lifting balance valve installation 02556205211401020



Lifting balance valve installation 02556205211401020

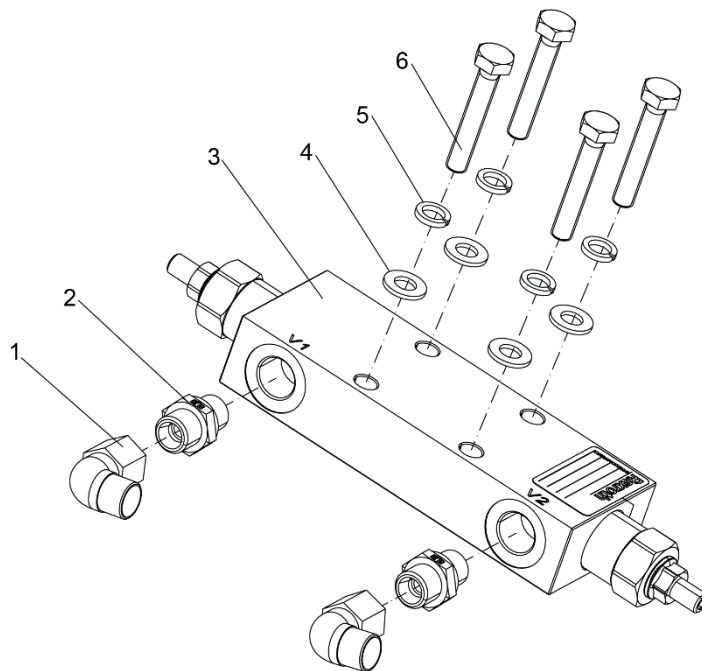
No.	Material No.	Item and Spec	Qty	Remark
1	1040004675	Bolt	4	GB/T5783-2000 M8×85-8.8
2	1040301510	Washer	4	GB/T93-1987 8
3	1040301515	Washer	4	GB/T97.1-2002 8-200HV
4	1010308199	Lifting balance valve	1	
5	1140101465	Male stud connector	1	GE15LR3/8EDOMDCF
6	1140101478	Right-angle connector	1	EW15LOMDCF
7	1140107833	Male stud connector	1	GE18LR3/8EDOMDCF
8	1140101479	Tube to swivel	1	EW18LOMDCF

Telescopic balance valve installation 02556205211401030



Telescopic balance valve installation 02556205211401030

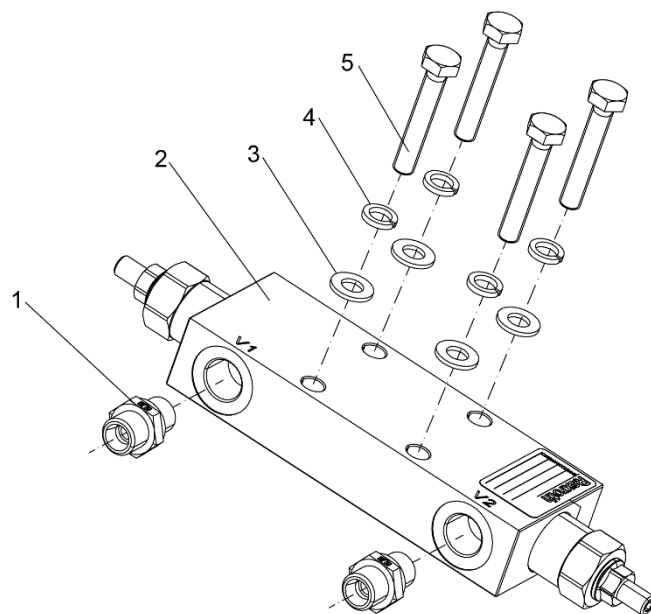
No.	Material No.	Item and Spec	Qty	Remark
1	1010306995	Telescopic balance valve	1	
2	1140102812	Male stud connector	1	GE18LREDOMDCF
3	1140101464	Male stud connector	1	GE15LREDOMDCF
4	1040102739	Screw	4	GB/T70.1-2000 M8*60-8.8

Leveling balance valve installation 02556205211401050


Leveling balance valve installation 02556205211401050

No.	Material No.	Item and Spec	Qty	Remark
1	1140101475	Tube to swivel	2	EW08LOMDCF
2	1140108469	Male stud connector	2	GE08LR3/8EDOMDCF
3	1010306020	Balance valve	1	
4	1040301515	Washer	4	GB/T97.1-2002 8-200HV
5	1040301510	Washer	4	GB/T93-1987 8
6	1040004521	Bolt	4	GB/T5783-2000 M8×45-8.8

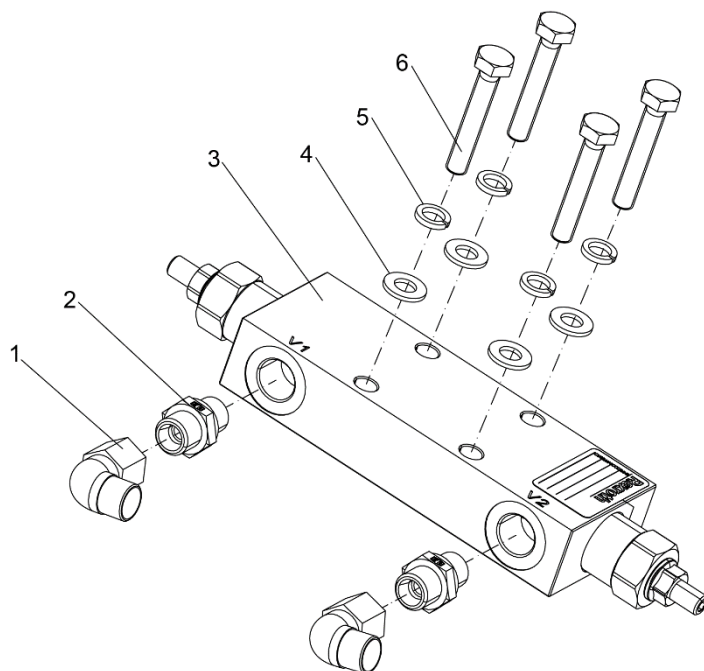
Jib balance valve 02556205211401061



Jib balance valve 02556205211401061

No.	Material No.	Item and Spec	Qty	Remark
1	1140108469	Male stud connector	2	GE08LR3/8EDOMDCF
2	1010306020	Balance valve	1	
3	1040301515	Washer	4	GB/T97.1-2002 8-200HV
4	1040301510	Washer	4	GB/T93-1987 8
5	1040004521	Bolt	4	GB/T5783-2000 M8×45-8.8

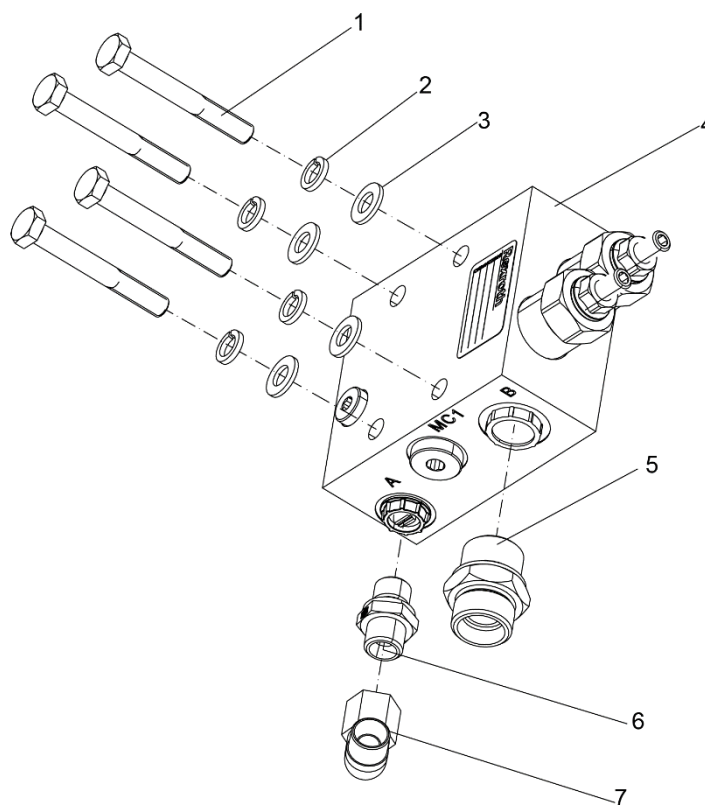
Outrigger telescopic balance valve installation 02556205211001020



Outrigger telescopic balance valve installation 02556205211001020

No.	Material No.	Item and Spec	Qty	Remark
1	1140101475	Tube to swivel	2	EW08LOMDCF
2	1140108469	Male stud connector	2	GE08LR3/8EDOMDCF
3	1010306020	Balance valve	1	
4	1040301515	Washer	4	GB/T97.1-2002 8-200HV
5	1040301510	Washer	4	GB/T93-1987 8
6	1040004521	Bolt	4	GB/T5783-2000 M8×45-8.8

Float balance valve installation 02556205211001010



Float balance valve installation 02556205211001010

No.	Material No.	Item and Spec	Qty	Remark
1	1040004599	Bolt	4	GB/T5783-2000 M8×45-8.8
2	1040301510	Washer	4	GB/T93-1987 8
3	1040301515	Washer	4	GB/T97.1-2002 8-200HV
4	1010306736	Balance valve	1	
5	1140101464	Male stud connector	1	GE15LREDOMDCF
6	1140111237	Male stud connector	1	GE08LREDOMDCF
7	1140101475	Tube to swivel	1	EW08LOMDCF

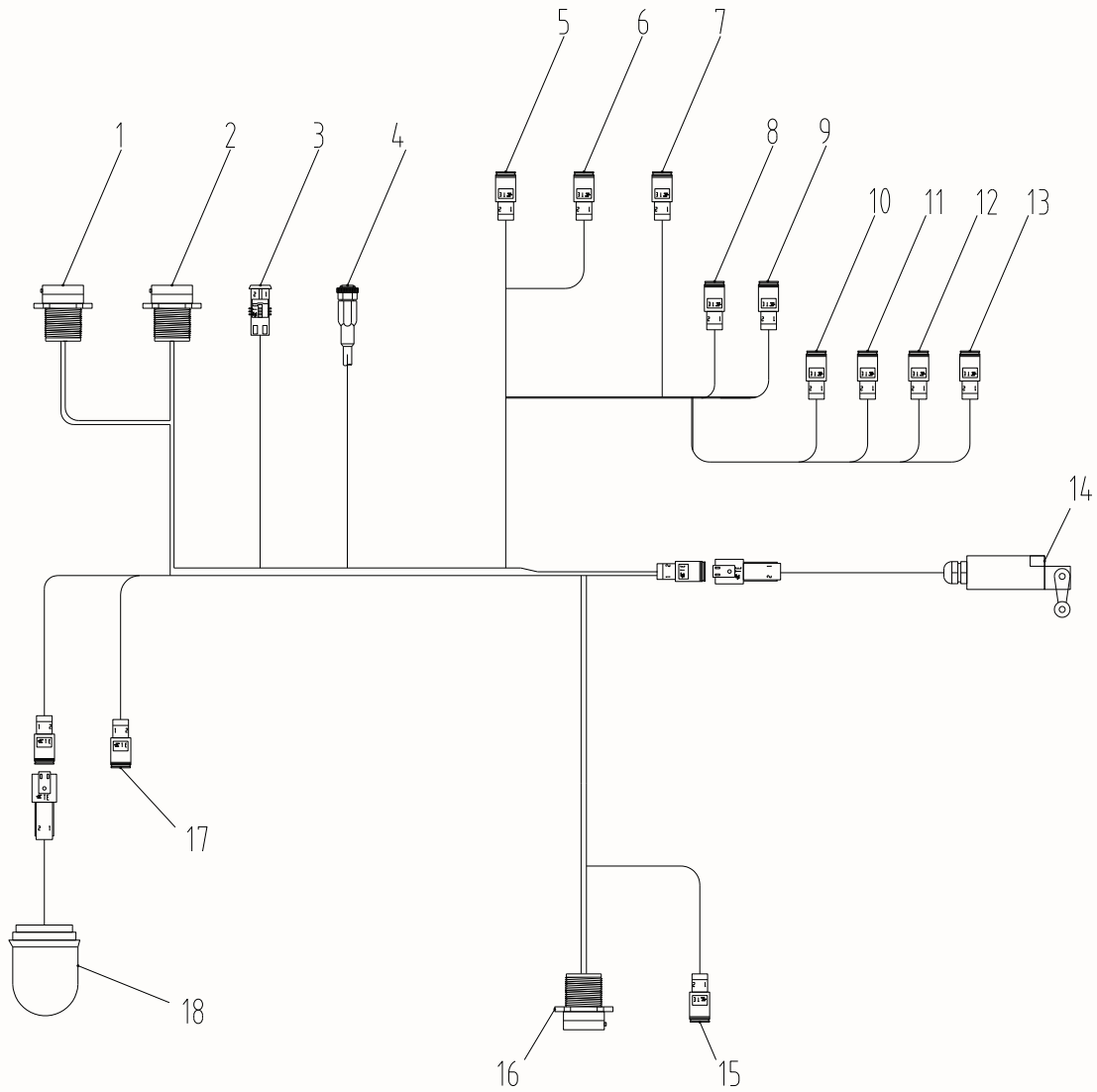
ZOOMLION

Parts Manual

Section 7 Electrical System

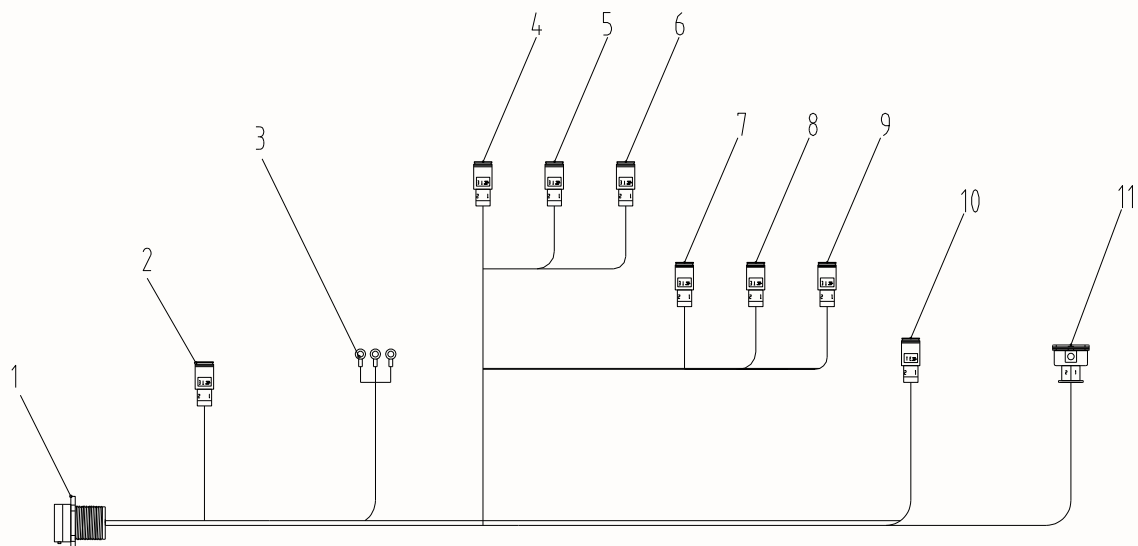


Turntable electric cables 02556206210231000 (Weichai battery)



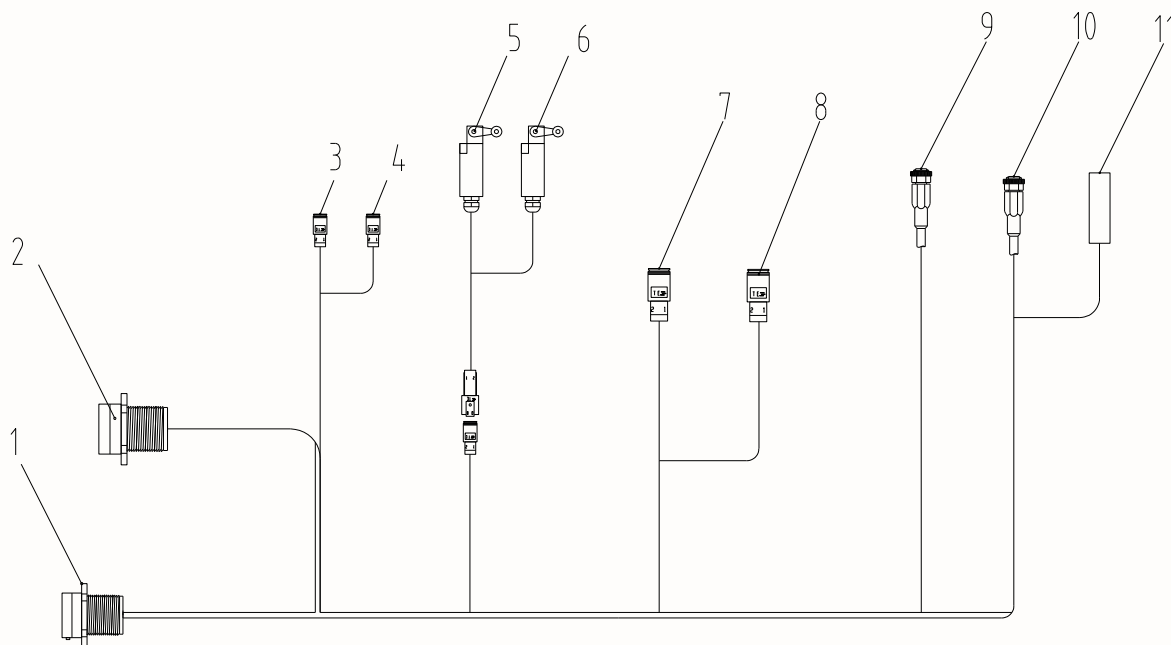
Turntable electric cables 02556206210231000 (Weichai battery)

No.	Material No.	Item and Spec	Qty	Note
1	02556206210220000	Turntable electric console assembly 1	1	
2	02556206210220000	Turntable electric console assembly 2	0	
3	1020304982	Alarm buzzer	1	
4	1021404525	Angle sensor	1	
5	/	Lifting stop valve	/	
6	/	Telescopic stop valve	/	
7	/	Unloading valve	/	
8	/	Boom retracting valve	/	
9	/	Turntable right turn valve	/	
10	/	Boom up valve	/	
11	/	Boom extending valve	/	
12	/	Turntable left-turn valve	/	
13	/	Platform flow valve	/	
14	1029906298	Turntable rotating limit switch	1	
15	1020700965	Slip ring plug 1	1	
16	1020700942	Slip ring plug 2	1	
17	/	Light plug	/	
18	1020404399	Work warning light	1	

Platform electric cables 02556206210234000 (Weichai battery)

Platform electric cables 02556206210234000 (Weichai battery)

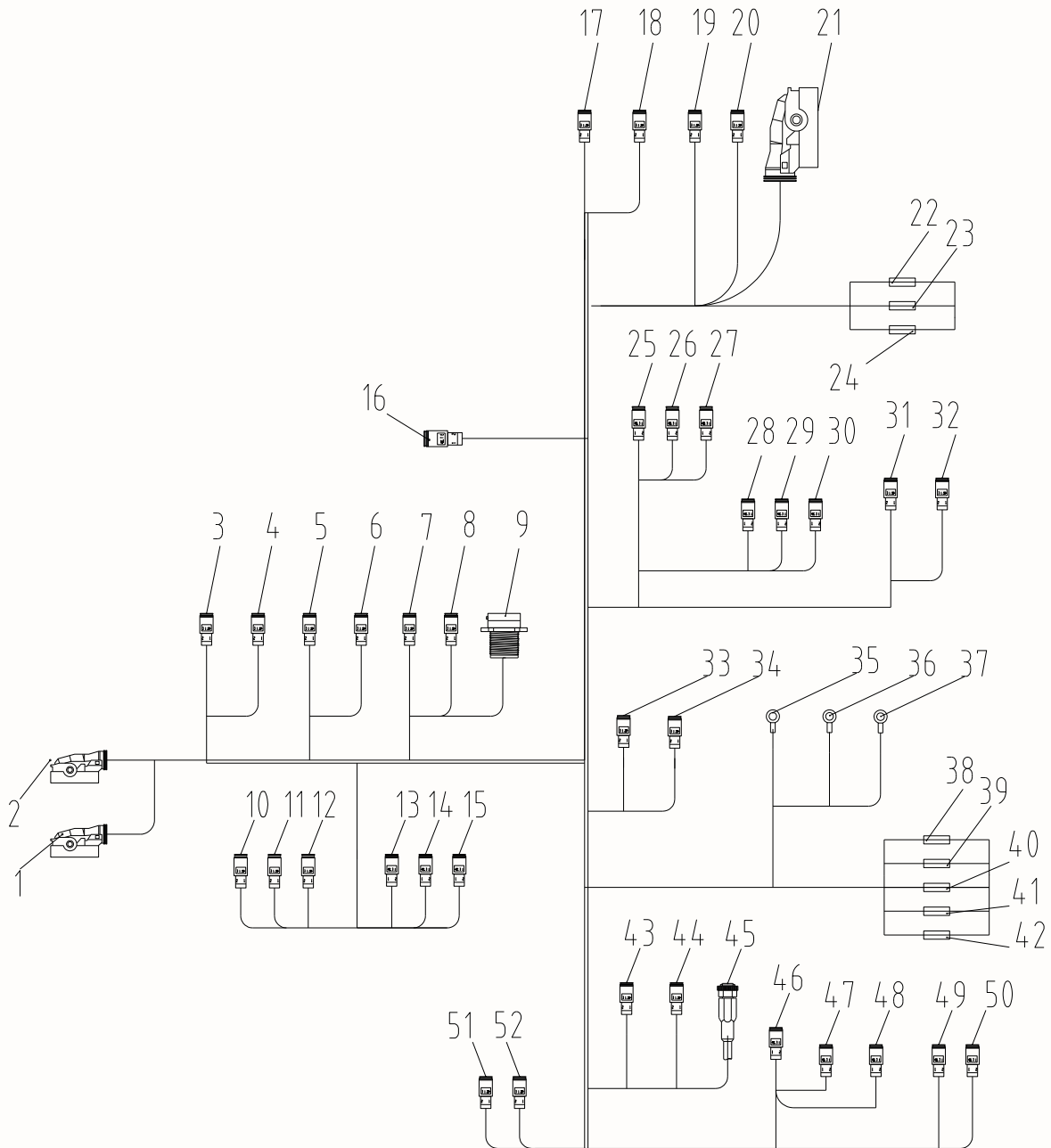
No.	Material No.	Item and Spec	Qty	Note
1	00771606208810000	Platform electric console	1	
2	1029906298	Anti-crushing switch 1	1	
3	1020521022	Platform foot switch	1	
4	/	Leveling down valve	/	
5	/	Jib down valve	/	
6	/	Turntable right-turn valve	/	
7	/	Leveling up valve	/	
8	/	Jib up valve	/	
9	/	Platform left-turn valve	/	
10	1020202294	Angle sensor	1	
11	1029907627	Load cell	1	

Boom electric cables 02556206210233000 (Weichai battery)

Boom electric cables 02556206210233000 (Weichai battery)

No.	Material No.	Item and Spec	Qty	Note
1	02556206210220000	Turntable electric console	1	
2	00771906200440011	Chain cable assembly	0	
3	/	Boom down flow valve	/	
4	/	Boom down valve	/	
5	1029906298	Boom length limit switch - restricted position	1	
6	1029906298	Boom length limit switch - stowed position	1	
7	1020516032	Wire rope loose - approach switch 1	1	
8	1020516032	Wire rope loose - approach switch 2	1	
9	1021404017	Stay cord sensor	1	
10	1021404526	Angle sensor	1	
11	1020700540	Terminal resistance	1	

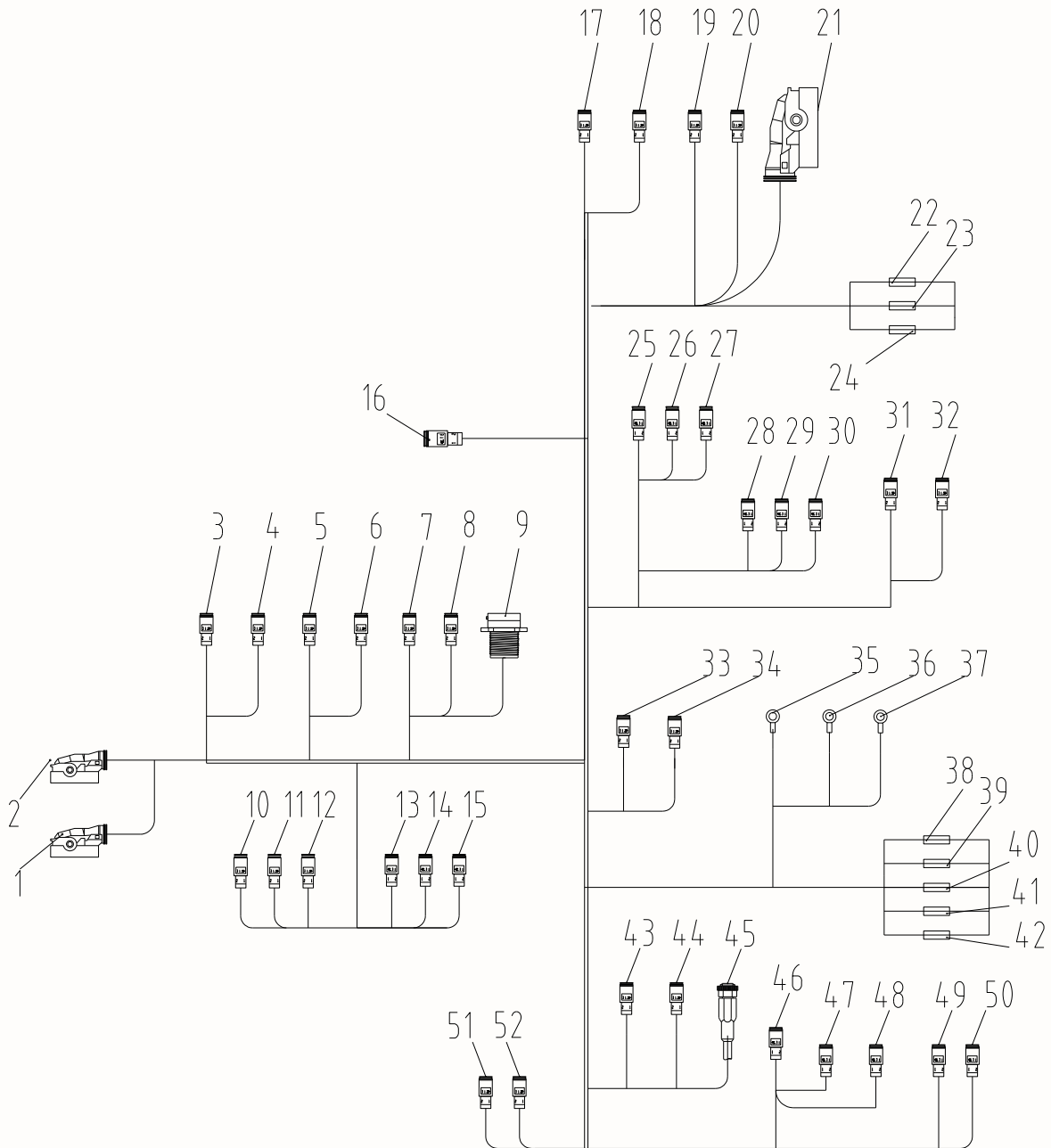
Chassis electric cables 02556206210236000 (Weichai battery)



Chassis electric cables 02556206210236000 (Weichai battery)

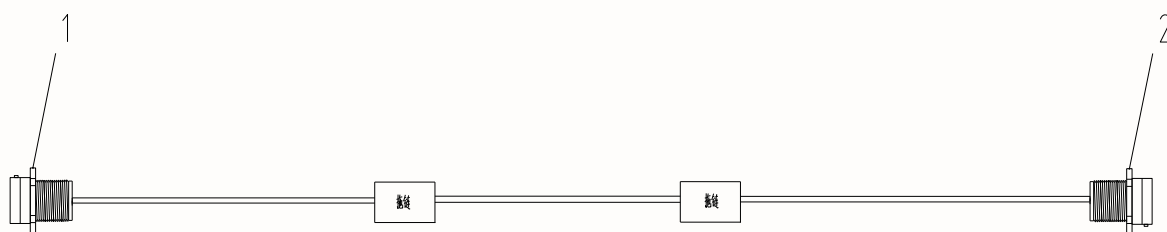
No.	Material No.	Item and Spec	Qty	Note
1	1020103955	Controller connector assembly	0	
2	1020103955	Controller connector assembly	1	
3	1029906298	Right-rear axle limit switch	1	
4	1021404304	Right-rear steering angle sensor	1	
5	1029906298	Left-rear axle limit switch	1	
6	1021404304	Left-rear steering angle sensor	1	
7	/	Rear brake communication	/	
8	/	Rear axle assembly plug 1	/	
9	/	Rear axle assembly plug 2	/	
10	/	Right-rear steering extending valve	/	
11	/	Left-rear steering extending valve	/	
12	/	Rear axle extending valve	/	
13	/	Right-rear steering retracting valve	/	
14	/	Left-rear steering retracting valve	/	
15	/	Rear axle retracting valve	/	
16	/	AC CHARGING CONFIRM	/	
17	/	Charger communication	/	
18	/	Charging select	/	
19	/	High pressure charging reserve	/	
20	/	Li-ion battery communication	/	
21	/	Battery pack diagnosis	/	
22	/	5A fuse	1	
23	/	5A fuse	1	
24	/	5A fuse	1	
25	/	Right-front steering extending valve	/	
26	/	Left-front steering extending valve	/	
27	/	Front axle extending valve	/	
28	/	Right-front steering retracting valve	/	
29	/	Left-front steering retracting valve	/	
30	/	Front axle retracting valve	/	
31	1029906298	Left-front axle limit switch	1	
32	1021404304	Left-front steering angle sensor	1	

Chassis electric cables 02556206210236000 (Weichai battery)



Chassis electric cables 02556206210236000 (Weichai battery)

No.	Material No.	Item and Spec	Qty	Note
33	1020700965	Slip ring plug 2	1	
34	1020700942	Slip ring plug 1	1	
35		Auxiliary power pump	/	
36	/	Battery positive	/	
37	/	Battery negative	/	
38	/	30A fuse	1	
39	/	25A fuse	1	
40	/	5A fuse	1	
41	/	5A fuse	1	
42	/	5A fuse	1	
43	/	Float control valve	/	
44	/	Chassis stop valve	/	
45	1021404070	Main valve pressure sensor	/	
46	/	Front brake communication	/	
47	/	Plug 1	/	
48	/	Plug 2	/	
49	/	Front axle assembly plug 1	/	
50	/	Front axle assembly plug 2	/	
51	1029906298	Right-front axle limit switch	1	
52	1021404304	Right-front steering angle sensor	1	

Chain cable assembly 00771906200440011 (Weichai battery)

Chain cable assembly 00771406200240011 (Weichai battery)

No.	Material No.	Item and Spec	Qty	Note
1	00771606208810000	Platform electric console	0	
2	02556206210233000	Boom electric cables	0	

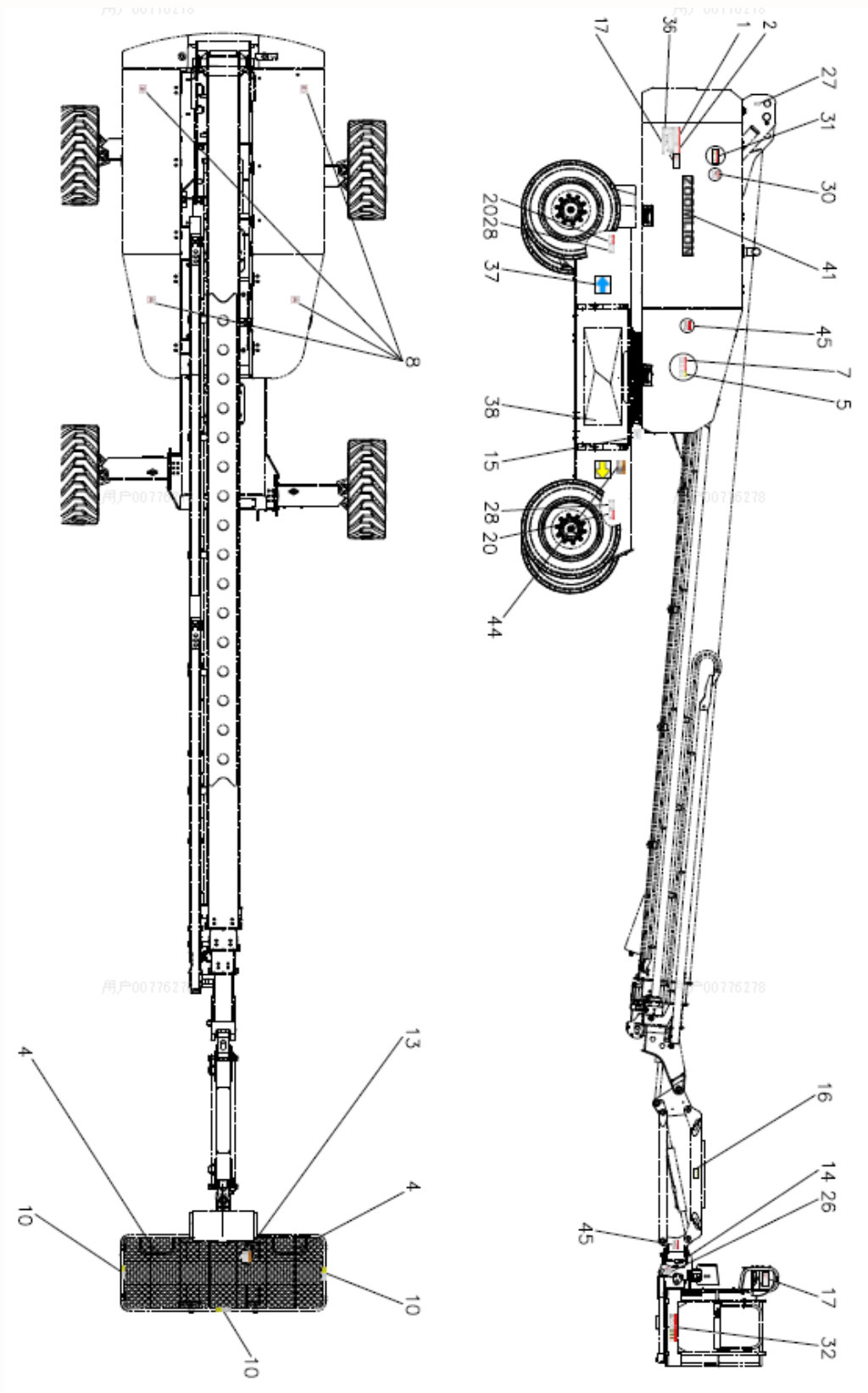
ZOOMLION

Parts Manual

Section 8 Lable Assembly



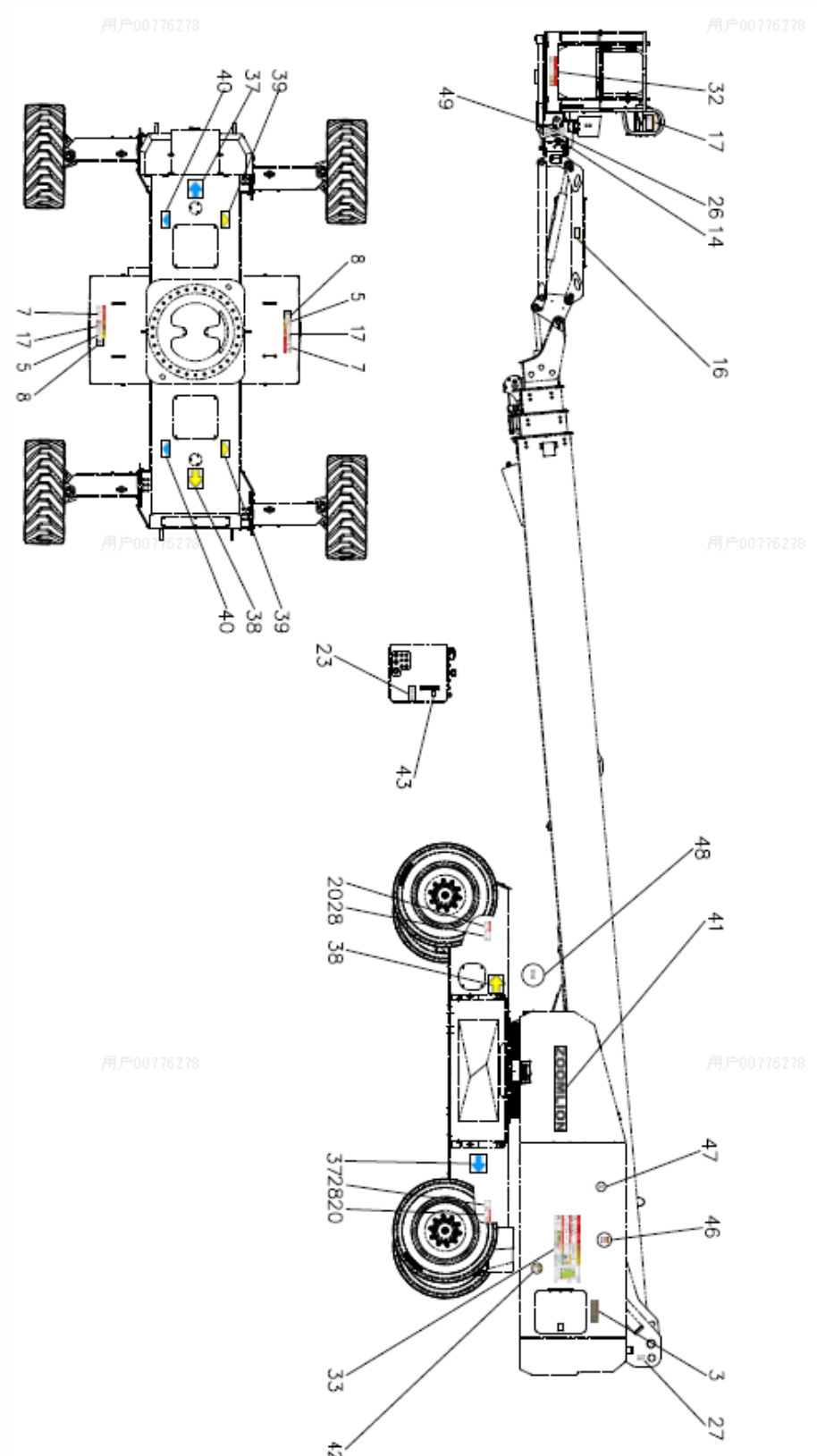
Decal assembly 02556207010000000



Decal assembly 02556207010000000

No.	Material No.	Item and Spec	Qty	Remark
1	00773407000401211	Crushing hazard	2	
2	00773407000401071	Electric shock hazard	4	
4	00773407010401031	Handrail position	2	
5	00773407000401151	Disconnect battery	5	
7	00773407000401381	Explosion hazard	5	
8	00773407000201181	No stepping	6	
10	00773407000401201	No lanyard	3	
13	00773407000401231	Foot pedal failure hazard	1	
14	00773407000201241	No lifting	6	
15	00773407000401251	Plug stop pin	1	
16	00773407010401021	Pinch hand hazard	2	
17	00773407000401271	No water-washed	5	
20	00773407000401561	Tire tilting hazard	4	
26	00773407000201421	Tying position	8	
27	00773407000201431	Lifting position	6	
30	00773407000401171	No touch hazard	1	
31	00773407000401471	Burn hazard label	1	
36	02556207000401040	Transportation lifting instruction	1	
37	00771407000201080	Blue arrow	3	
38	00771407000201090	Yellow arrow	3	
41	00771407000201120	ZOOMLION LOGO	2	
44	00771407030401110	Charging mark	1	
45	00771407030401120	Non-professionals cannot Disassembly or repair	2	

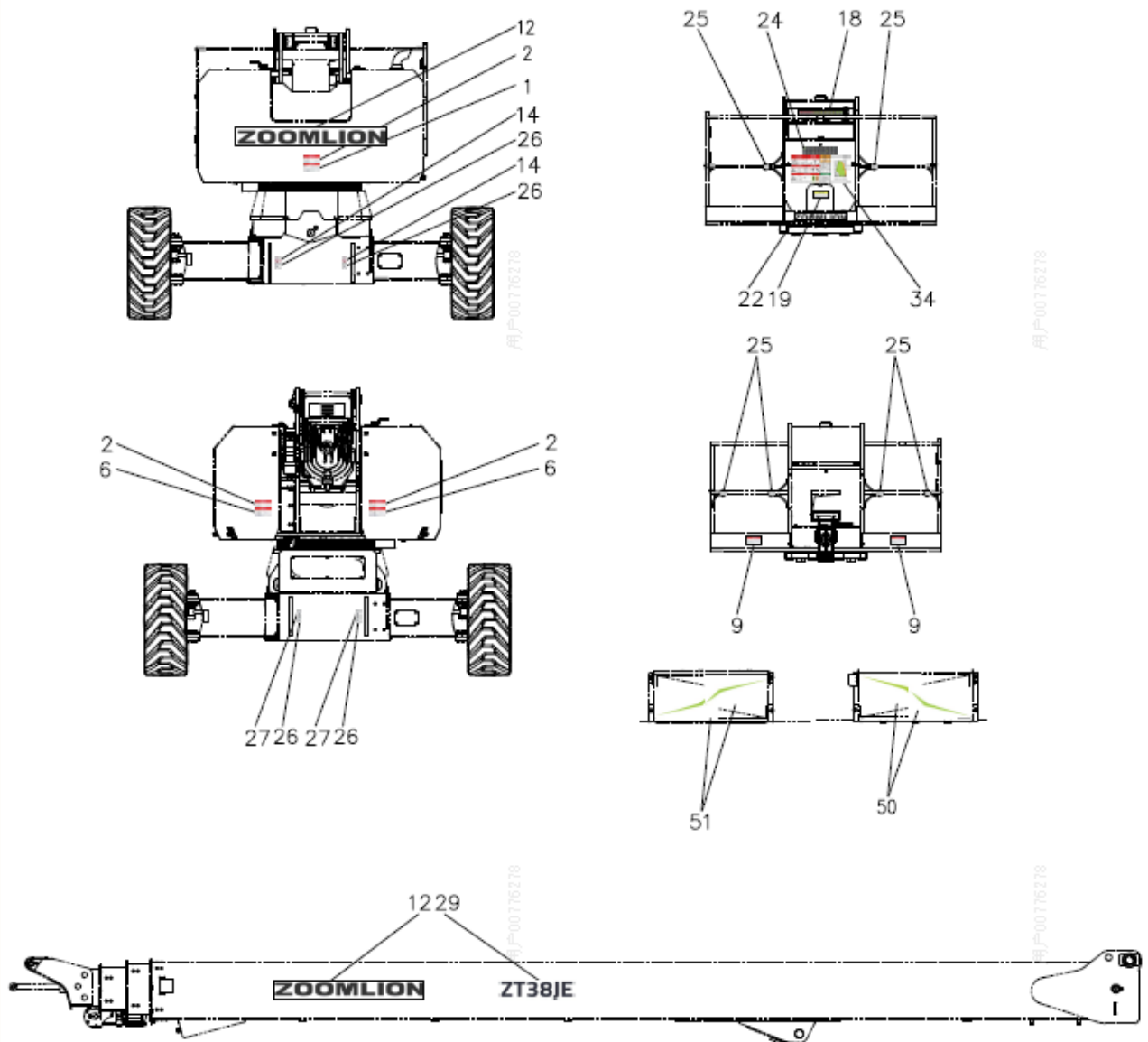
Decal assembly 02556207010000000



Decal assembly 02556207010000000

No.	Material No.	Item and Spec	Qty	Remark
3	00773407000401081	Ground indicator instruction	1	
5	00773407000401151	Disconnect battery	5	
7	00773407000401381	Explosion hazard	5	
8	00773407000201181	No stepping	6	
14	00773407000201241	No lifting	6	
16	00773407010401021	Pinch hand hazard	2	
17	00773407000401271	No water-washed	5	
20	00773407000401561	Tire tilting hazard	4	
26	00773407000201421	Tying position	8	
23	00771407000401161	Hydraulic tank	1	
27	00773407000201431	Lifting position	6	
32	02556207000401020	Tilting hazard	2	
33	02556207000401210	ZT38JE turntable decal assembly	1	
37	00771407000201080	Blue arrow	3	
38	00771407000201090	Yellow arrow	3	
39	00771407000201100	Yellow triangle	2	
40	00771407000201110	Blue triangle	2	
41	00771407000201120	ZOOMLION LOGO	2	
42	00773407010401441	Main power switch	1	
43	00775407000201110	Liquid level mark	1	
46	00771407030401130	Unauthorized disassembly Is prohibited	5	
47	00771407030201140	Non-professionals cannot Disassembly or repair	5	
48	00764307000401170	Slewing bearing Lubricate regularly	1	
49	00764307000401190	Lubricate regularly	1	

Decal assembly 02556207010000000



Decal assembly 02556207010000000

No.	Material No.	Item and Spec	Qty	Remark
1	00773407000201211	Crushing hazard	2	
2	00773407000401071	Electric shock hazard	4	
6	00773407000401321	Risk of collision II	2	
9	00773407000401191	Smashing hazard	2	
11	00771407000401191	QR code	1	
12	00771407000201130	BOOM ZOOMLION LOGO	1	
18	00773407000401221	Platform indicator instruction	1	
19	00773407000401391	Caution- keep the manual	1	
22	00773407000201010	PLATFORM ZOOMLION LOGO	1	
23	00771407000401161	Hydraulic tank	1	
24	00773407000401141	Platform console instruction	1	
25	00773407000201411	Safety lanyard point	6	
28	00771607000401011	Wheel load	4	
29	02556207000401010	Boom-ZT38	1	
34	02556207000401220	ZT38JE platform decal assembly	1	
50	00771407030201020	Label - flash I	2	
51	00771407030201030	Label - flash II	2	

ZT38JE

Parts Manual

ZOOMLION INTELLIGENT ACCESS MACHINERY CO.,LTD.

Add:701 Xulong Nan Lu, Xiangjiang New District, Changsha, Hunan.

E-mail:awm@zoomlion.com

Zip Code:410200

Eel:400-800-0157



ZOOMLION