



CDM835EV.00I

CDM835EX.00I

WHEEL LOADER

SPARE PARTS MANUAL

Code: 60900003038

Preface

Thank you for selecting our products.

The Spare Parts Manual is specifically for the CDM835EV.00I / CDM835EX.00I wheel loader with standard configuration, which provides relevant detailed information about all systems/assemblies/parts, including Chinese/English description, part number, specification and quantity per unit etc.

Non-standard products configured with other brand diesel engine, transmission, axles and optional parts, and modified loaders, e.g. coal loader, rock loader and high dump loader etc, can cause some changes in the systems/assemblies/parts, which are not listed in the Spare Parts Manual. Product improvement or supplier alteration might make parts different. If you have any question about the manual, please contact us or your nearest dealer.

In addition to parts description, specification and quantity, the Serial Number and Manufacture Date of specified machine should be supplied with spare parts order, so that we can deliver you correct parts in time.

Customers are sincerely requested to give us suggestions with contact information on the back cover.

Lonking Holdings Limited

Oct, 2015

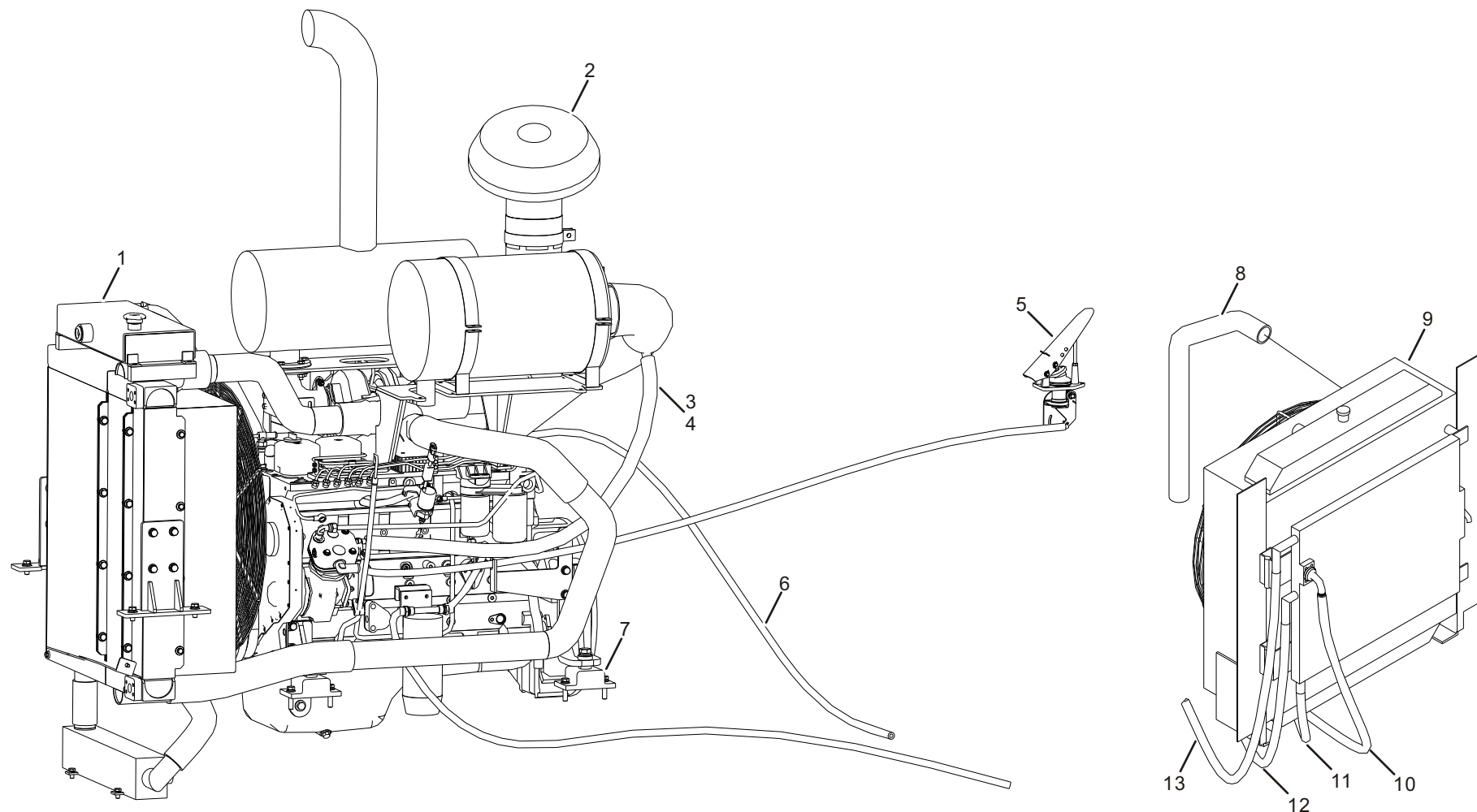
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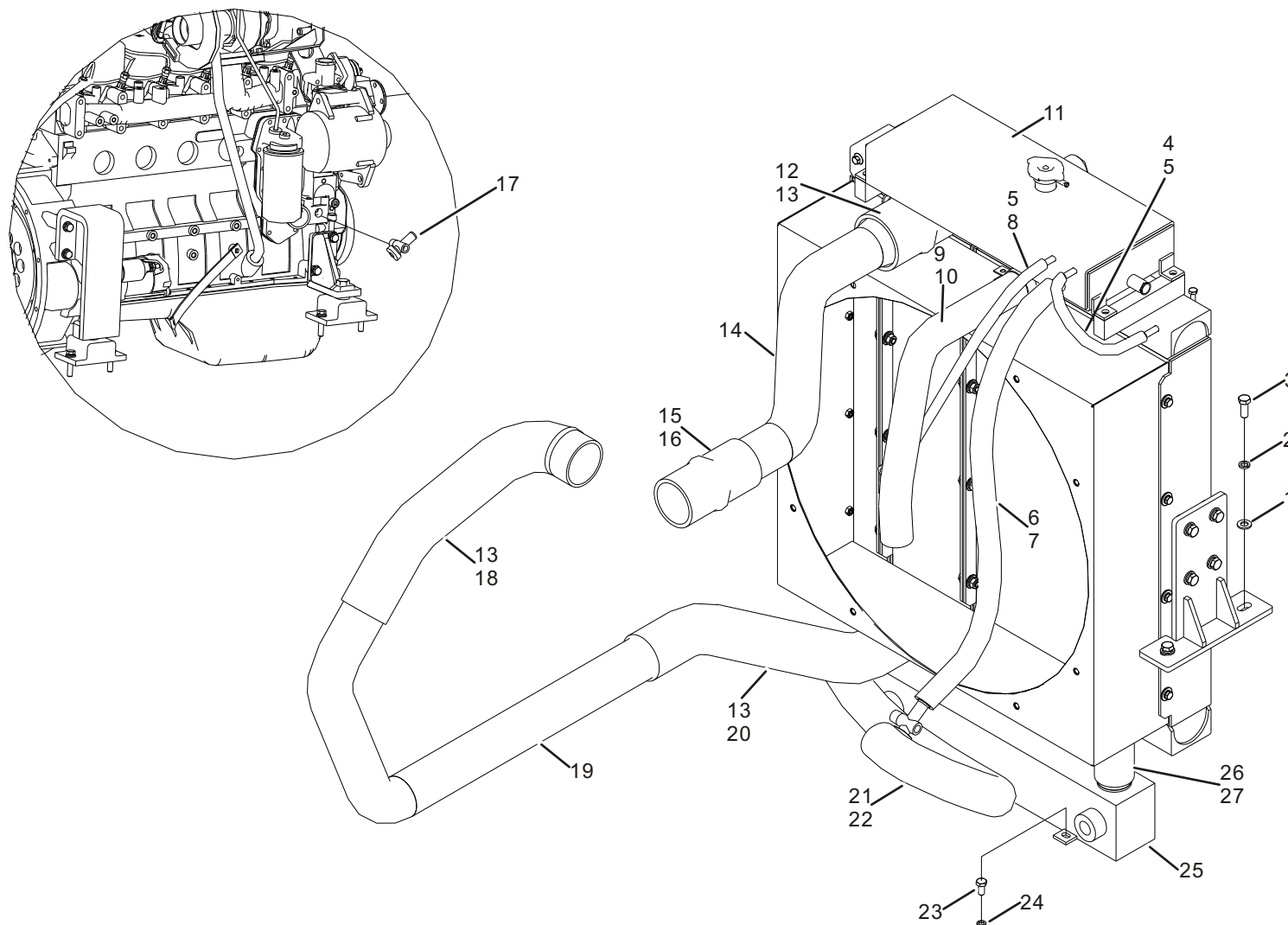
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1 柴油机系统 DIESEL ENGINE SYSTEM (30801900160)



1 柴油机系统 DIESEL ENGINE SYSTEM (30801900160)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1		散热组件	Radiator components		1	⇒ □ 3
2		进排气组件	Intake and exhaust components		1	⇒ □ 7
3	17272005540	胶管25×1250	Hose 25×1250		1	Q/(HG4)JG20
4	56171003201	喉箍d40 (25~40)	Hoop d40 (25~40)		2	JB/T8870
5	30801100991	油门操纵总成	Throttle operation assembly		1	⇒ □ 11
6		进回油组件	Oil in-out components		1	⇒ □ 13
7		悬置组件	Suspension components		1	⇒ □ 15
8	30801101069	柴油机出水管	Diesel water outlet hose		1	选配 Optional
9	17101000512	散热器总成	Radiator assembly		1	选配 Optional
10	17272011474	胶管总成	Hose assembly		1	选配 Optional
11	17272012270	胶管总成	Hose assembly		1	选配 Optional
12	17272012341	胶管总成	Hose assembly		1	选配 Optional
13	17272012340	胶管总成	Hose assembly		1	选配 Optional

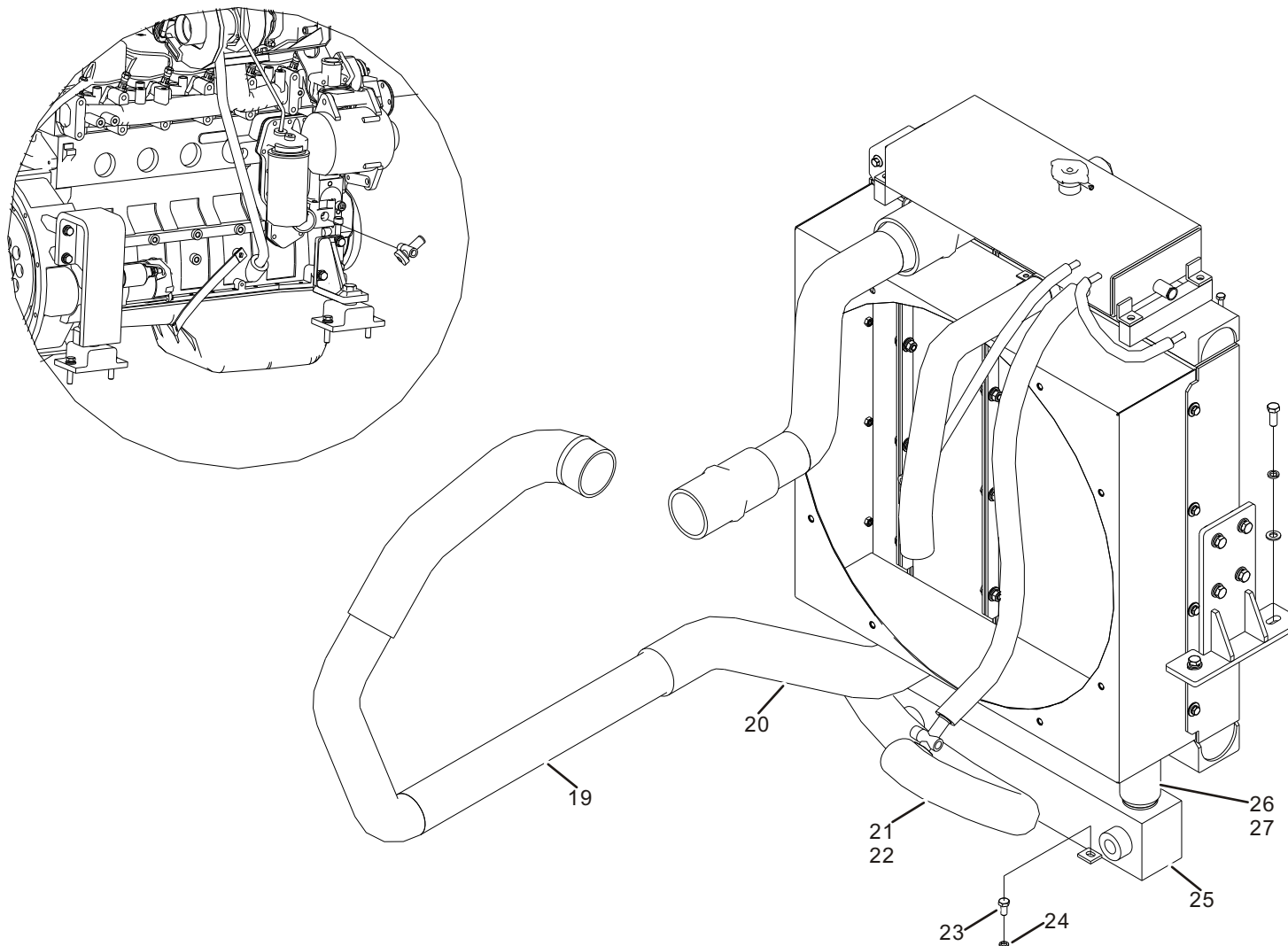
1.1 散热组件 RADIATOR COMPONENTS



1.1 散热组件 RADIATOR COMPONENTS

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51421110115	垫圈12	Washer 12		4	GB/T97.1
2	51401110107	垫圈12	Washer 12		4	GB/T93
3	51204111614	螺栓M12×50	Bolt M12 × 50	8.8	4	GB/T5783
4	60911011169	胶管10×320	Hose 10 × 320		1	Q/(HG4)JG20
5	56171001301	喉箍d20(12~20)	Hoop d20 (12~20)		4	JB/T8870
6	60911011452	胶管22×1200	Hose 22 × 1200		1	Q/(HG4)JG20
7	56171000301	喉箍d32(20~32)	Hoop d32 (20~32)		2	JB/T8870
8	60911011162	胶管10×1350	Hose 10 × 1350		1	Q/(HG4)JG20
9	30801100390	柴油机出水管	Diesel water outlet hose		1	
10	56171002701	喉箍d60(40~60)	Hoop d60 (40~60)		2	JB/T8870
11	60102000182	散热器总成	Radiator assembly		1	
12	30801100420	空空中冷出气胶管1	Air outlet hose 1		1	
13	60911011843	卡箍	Hoop		6	
14	30801100391	空空中冷出气钢管	Air outlet pipe		1	
15	30801100421	空空中冷出气胶管2	Air outlet hose 2		1	
16	60911013695	卡箍	Hoop		2	
17	30801000071	暖风回水三通	Air heater water return tee		1	
18	30801100393	空空中冷进气胶管1	Air inlet hose		1	

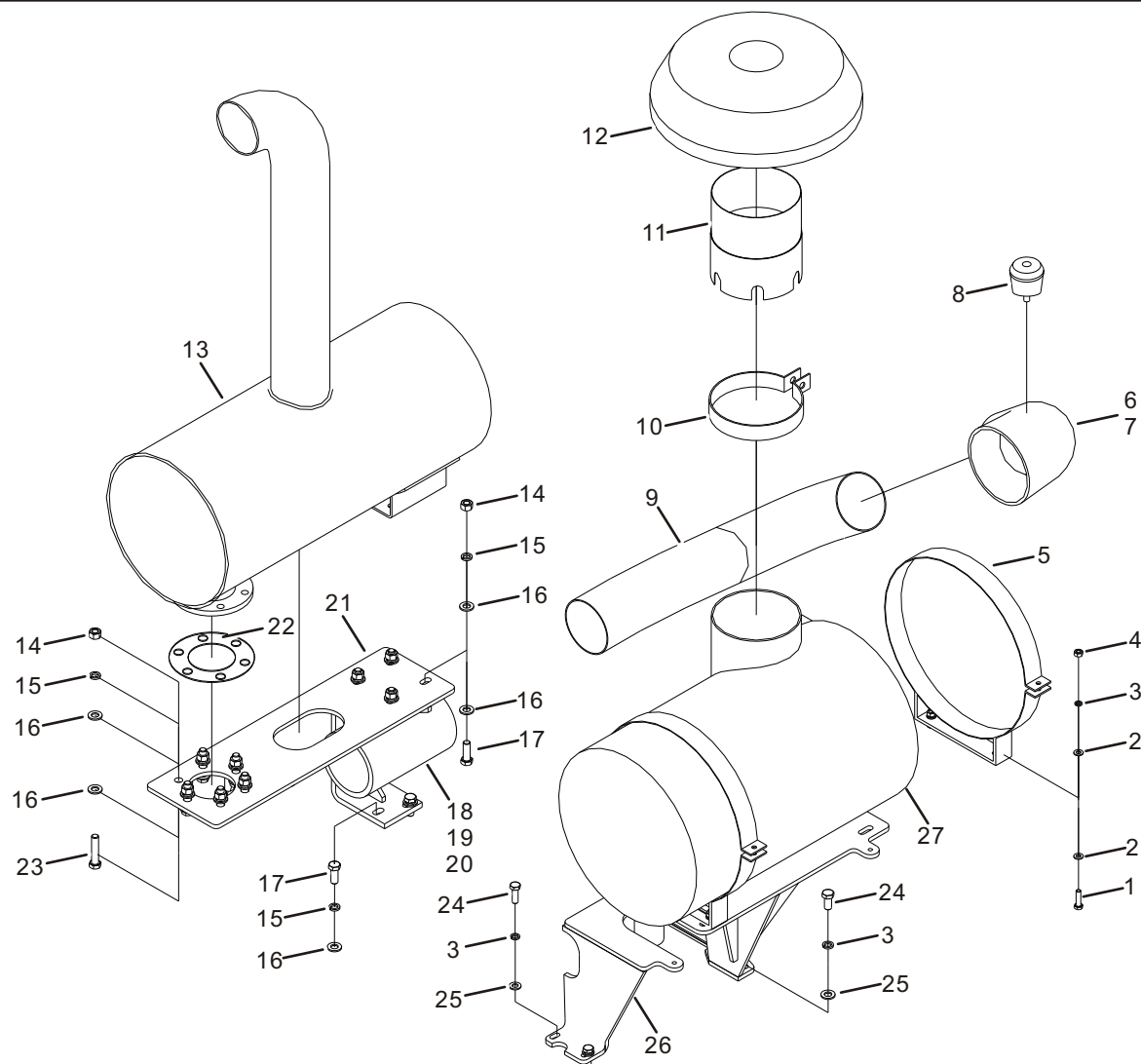
1.1 散热组件 RADIATOR COMPONENTS



1.1 散热组件 RADIATOR COMPONENTS

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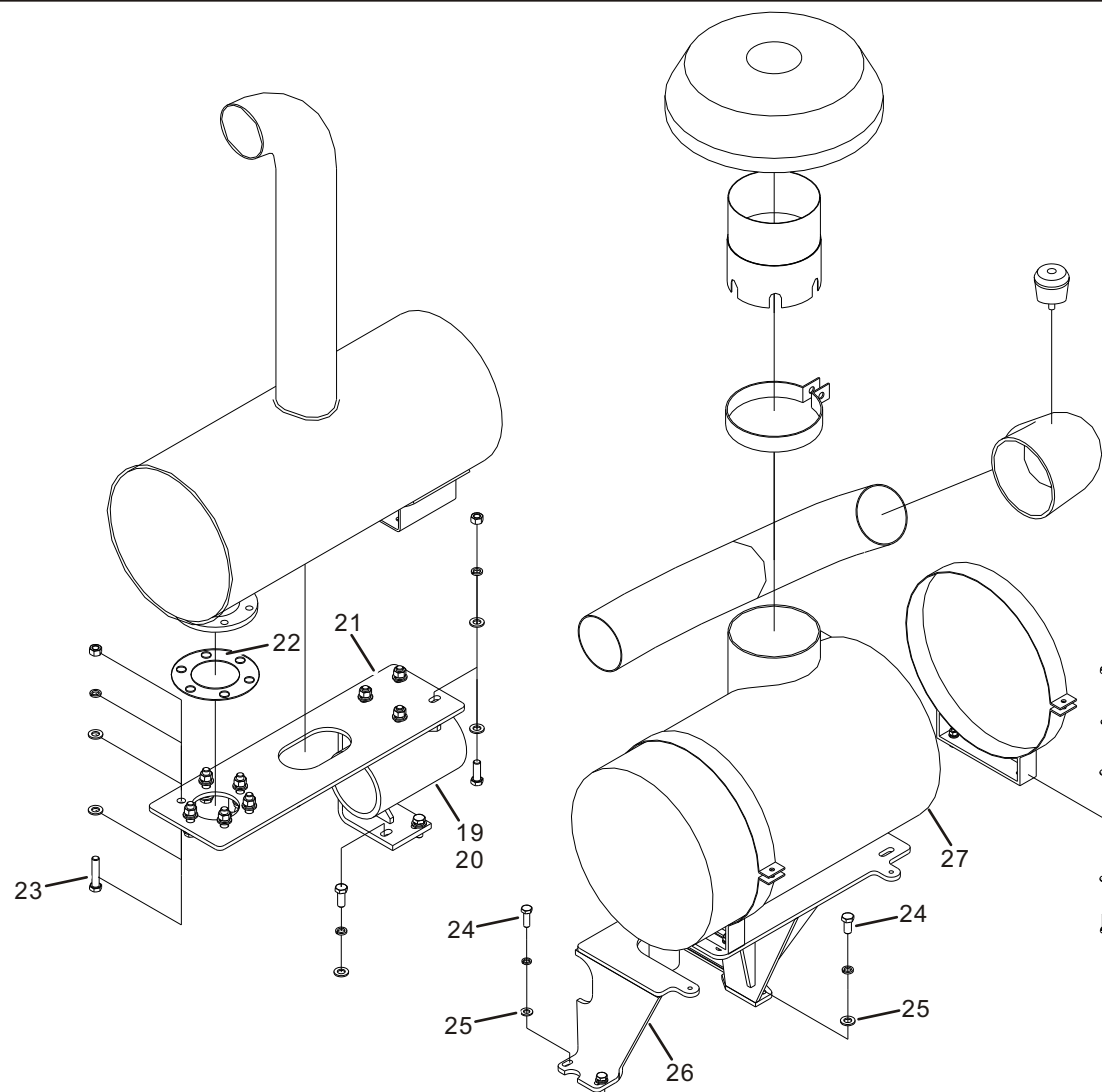
1.2 进排气组件 INTAKE AND EXHAUST COMPONENTS



1.2 进排气组件 INTAKE AND EXHAUST COMPONENTS

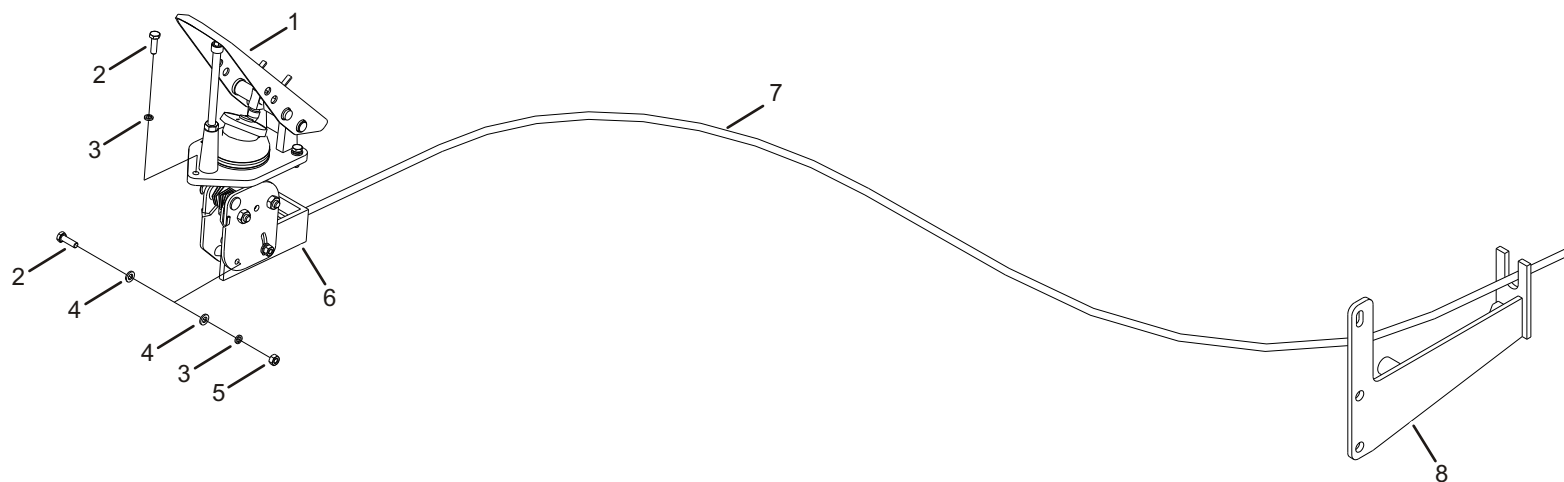
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204091414	螺栓M8×40	Bolt M8×40	8.8	4	GB/T5783
2	51420090121	垫圈8	Washer 8		8	GB/T96.1
3	51401090107	垫圈8	Washer 8		8	GB/T93
4	51307000919	螺母M8	Nut M8	8	4	GB/T6170
5	60911014035	安装抱箍	Anchor ear		2	
6	60911014036	空滤连接胶管	Air filter connection hose		1	
7	60911012092	卡箍	Hoop		2	
8	60101101200	压力报警器	Air filter alarm		1	
9	30801000159	空滤连接管	Air filter connection hose		1	
10	30801100609	卡箍	Hoop		1	
11	30801100607	空滤器连接套	Connecting sleeve assembly of air filter		1	
12	60980005594	防雨帽	Air filter		1	
13	60980004769	消声器	Muffler assembly		1	
14	51307001019	螺母M10	Nut M10	8	10	GB/T6170
15	51401100107	垫圈10	Washer 10		12	GB/T93
16	51421100115	垫圈10	Washer 10		22	GB/T97.1
17	51204101314	螺栓M10×35	Bolt M10×35	8.8	6	GB/T5783
18	30801100555	增压器端连接胶管	Turbocharger connecting hose		1	

1.2 进排气组件 INTAKE AND EXHAUST COMPONENTS



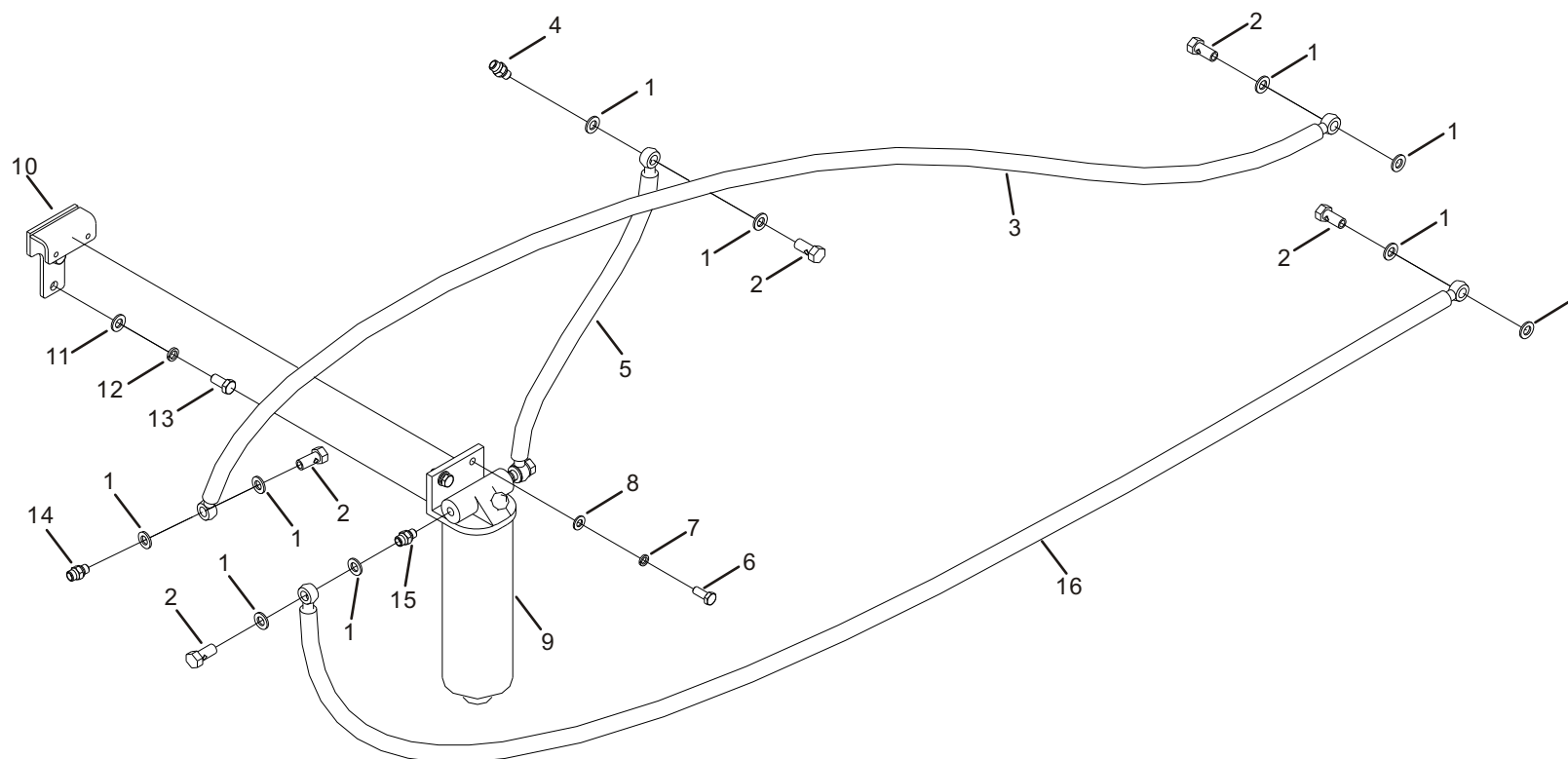
1.2 进排气组件 INTAKE AND EXHAUST COMPONENTS

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1.3 油门操纵总成 THROTTLE CONTROL ASSEMBLY (30801100991)

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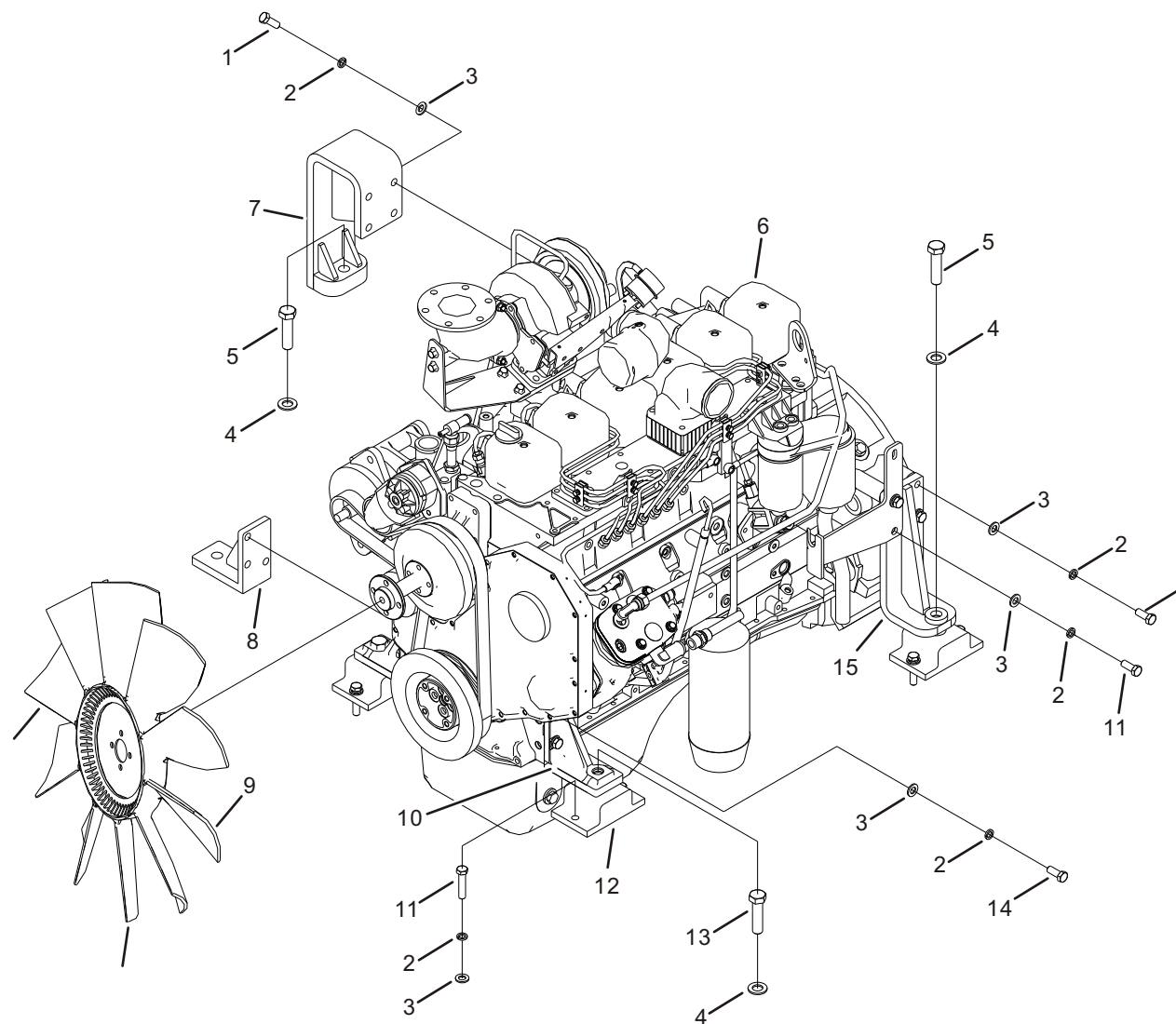
1.4 进回油组件 OIL IN-OUT COMPONENTS



1.4 进回油组件 OIL IN-OUT COMPONENTS

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60980000158	组合密封垫圈	Combination seal washer	12	
2	17601001336	空心螺栓	Hollow bolt	6	
3	30801000056	柴油机回油胶管	Oil return hose	1	
4	17601001361	过渡接头	Transition connector	1	
5	30801000058	滤清器到柴油机	Oil inlet hose from filter to diesel engine	1	
		进油胶管			
6	51204101614	螺栓M10×50	Bolt M10×50	2	8.8 GB/T5783
7	51401100107	垫圈10	Washer 10	2	GB/T93
8	51421100115	垫圈10	Washer 10	2	GB/T97.1
9	60101101201	燃油粗滤器	Strainer assembly	1	
10	30801000162	燃油粗滤器安装支架	Strainer assembly Installing bracket	1	
11	51421110115	垫圈12	Washer 12	2	GB/T97.1
12	51401110107	垫圈12	Washer 12	2	GB/T93
13	51204111214	螺栓M12×30	Bolt M12×30	2	8.8 GB/T5783
14	17601001204	过渡接头	Transition connector	1	
15	30801100608	过渡接头	Transition connector	2	
16	30801000059	滤清器到燃油箱胶管	Hose from filter to fuel tank	1	

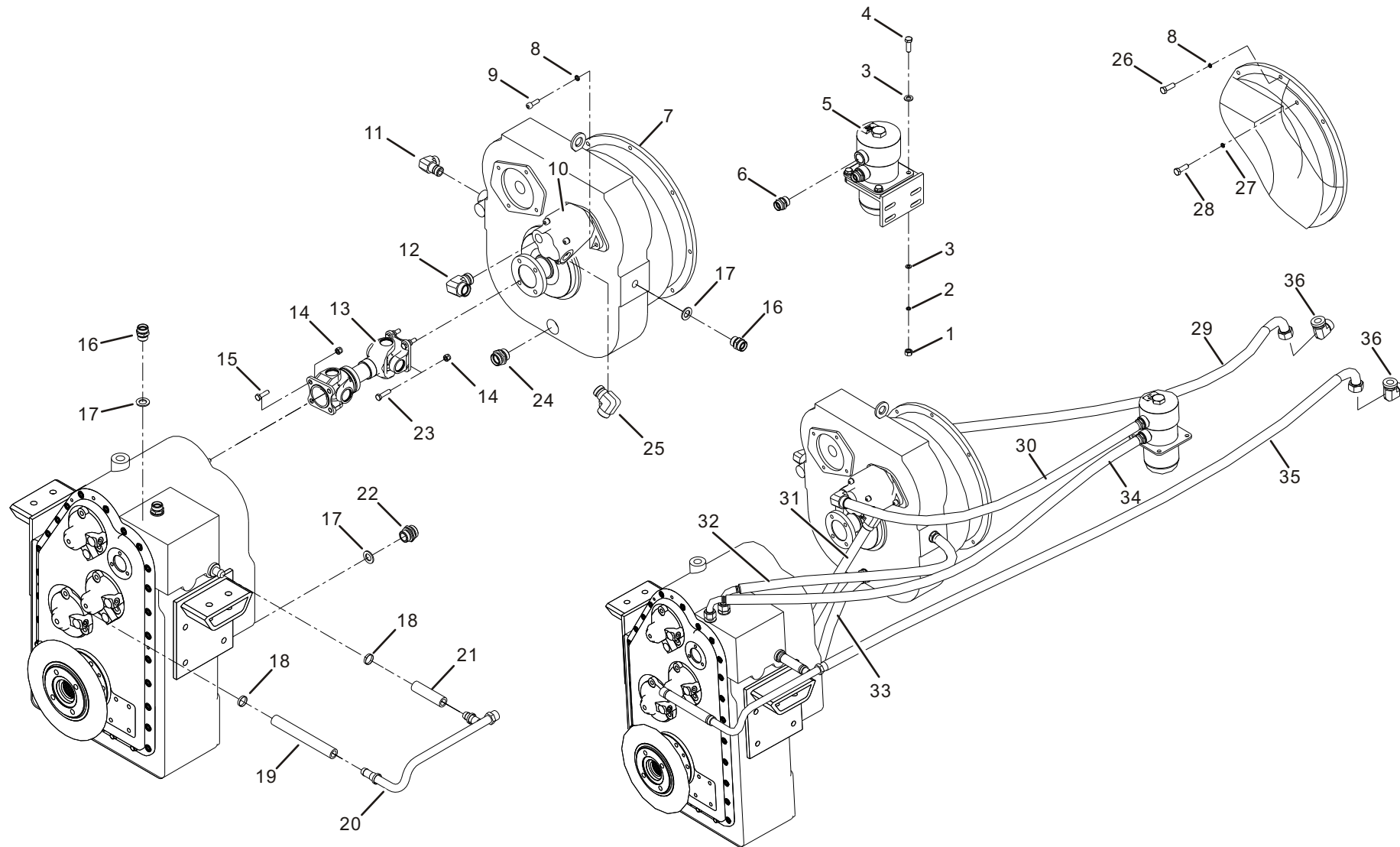
1.5 悬置组件 SUSPENSION COMPONENTS



1.5 悬置组件 SUSPENSION COMPONENTS

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204111514	螺栓M12×45	Bolt M12×45	8.8	6 GB/T5783
2	51401110107	垫圈12	Washer 12		22 GB/T93
3	51421110115	垫圈12	Washer 12		22 GB/T97.1
4	51421140115	垫圈18	Washer 18		4 GB/T97.1
5	51203142014	螺栓M18×70	Bolt M18×70	8.8	2 GB/T5782
6	60101101128	柴油机总成	Engine assembly		1
7	30801000389	发动机前左支架	Left front bracket of engine		1
8	30801000032	发动机左支架	Engine left bracket		1
9	60980004767	风扇总成	Fan assembly		1
10	30801000034	发动机右支架	Engine right bracket		1
11	51204111714	螺栓M12×55	Bolt M12×55	8.8	10 GB/T5783
12	60101100715	发动机前减震器	Front shock absorber of engine		4 (EA-160)
13	51203141814	螺栓M18×60	Bolt M18×60	8.8	2 GB/T5782
14	51204111214	螺栓M12×30	Bolt M12×30	8.8	6 GB/T5783
15	30801000393	发动机右前支架	Engine right front bracket		1

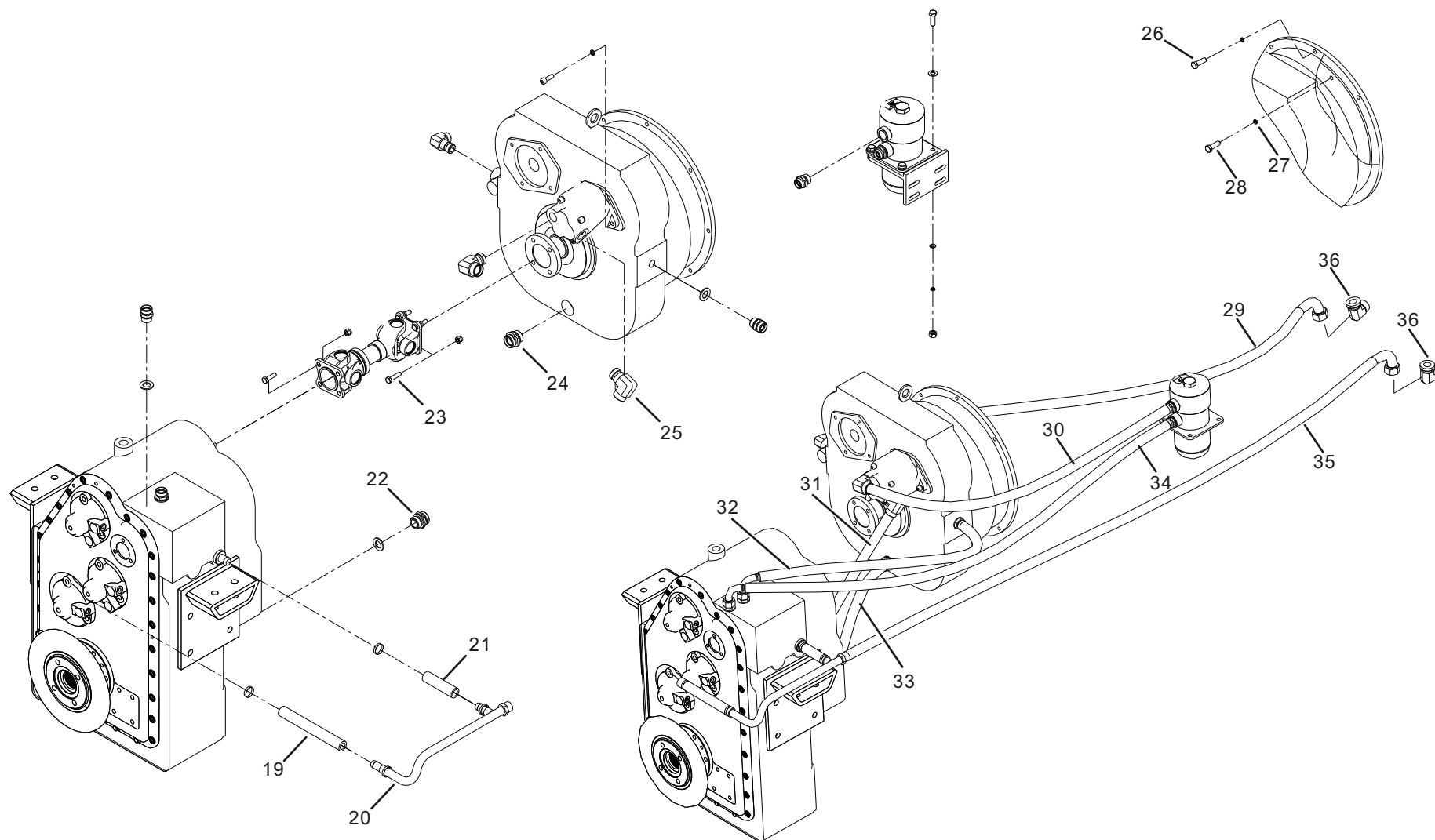
2 变矩器系统 TORQUE CONVERTER SYSTEM (30802900036)



2 变矩器系统 TORQUE CONVERTER SYSTEM (30802900036)

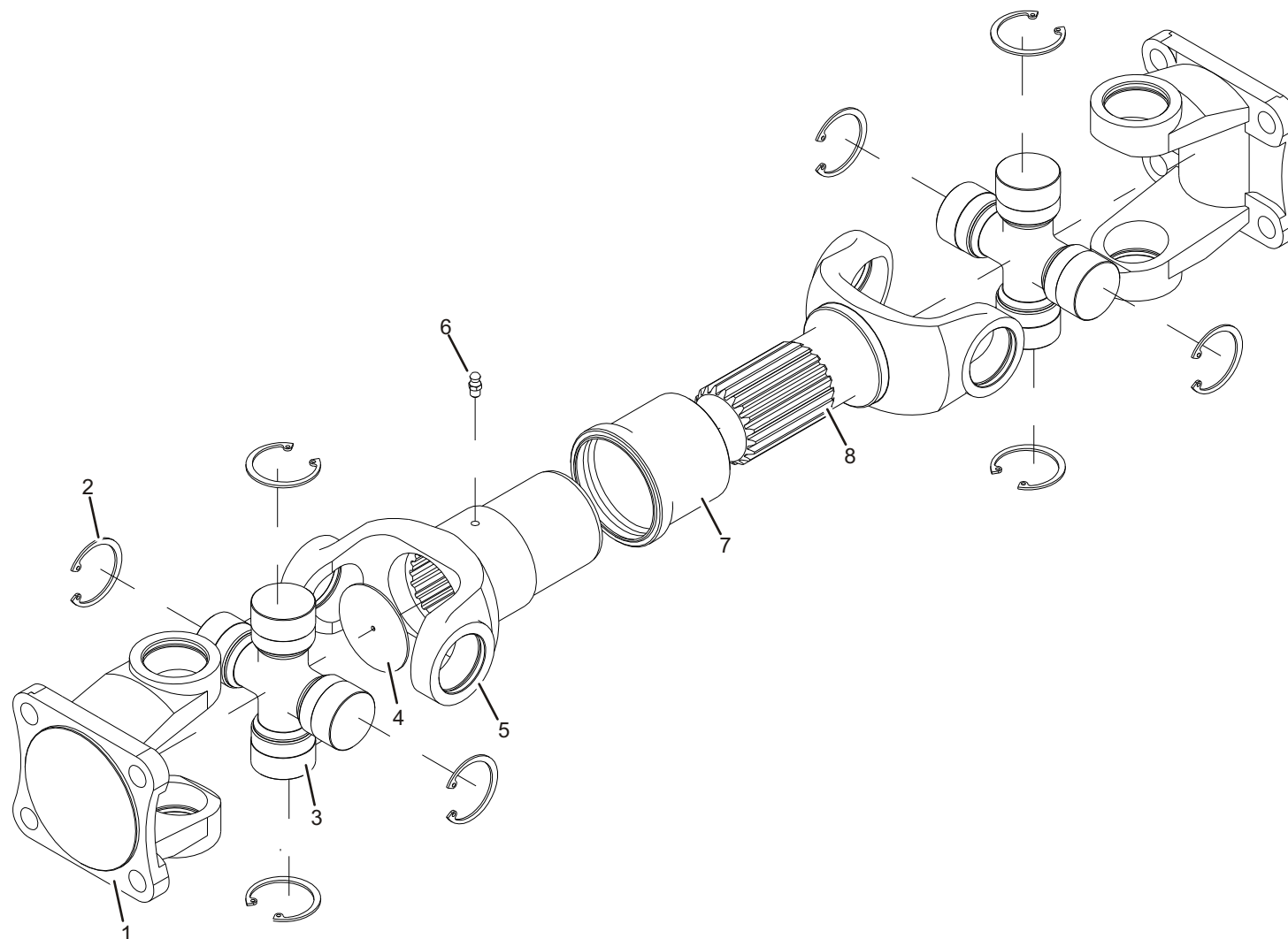
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51307000919	螺母M8	Nut M8	8	4	GB/T6170
2	51401090107	垫圈8	Washer 8		4	GB/T93
3	51421090115	垫圈8	Washer 8		8	GB/T97.1
4	51204091314	螺栓M8×35	Bolt M8×35	8.8	4	GB/T5783
5	60202010012	双变滤油器	Oil filter of transmission and torque converter		1	
6	17601001238	过渡接头	Transition connector		2	
7	60202000029	变矩器总成	Torque converter assembly		1	
8	51401100107	垫圈10	Washer 10		14	GB/T93
9	51139220405	螺钉M10×30	Screw M10×30	8.8	2	GB/T70.1
10	16804040000	齿轮泵	Gear pump assembly		1	
11	17601001627	过渡接头	Transition connector		1	
12	17601001626	过渡接头	Transition connector		1	
13	17405000001	上传动轴总成	Upper drive shaft assembly		1	⇒ 21
14	51342000419	螺母M12×1.5	Nut M12×1.5	8	8	GB/T889.2
15	51207111314	螺栓M12×1.5×35	Bolt M12×1.5×35	8.8	4	GB/T5786
16	17601001322	过渡接头	Transition connector		3	
17	56148112703	垫圈27	Washer 27		4	JB/T1002
18	56171000301	喉箍d32(20~32)	Hose clamps d32(20~32)		4	JB/T8870

2 变矩器系统 TORQUE CONVERTER SYSTEM (30802900036)



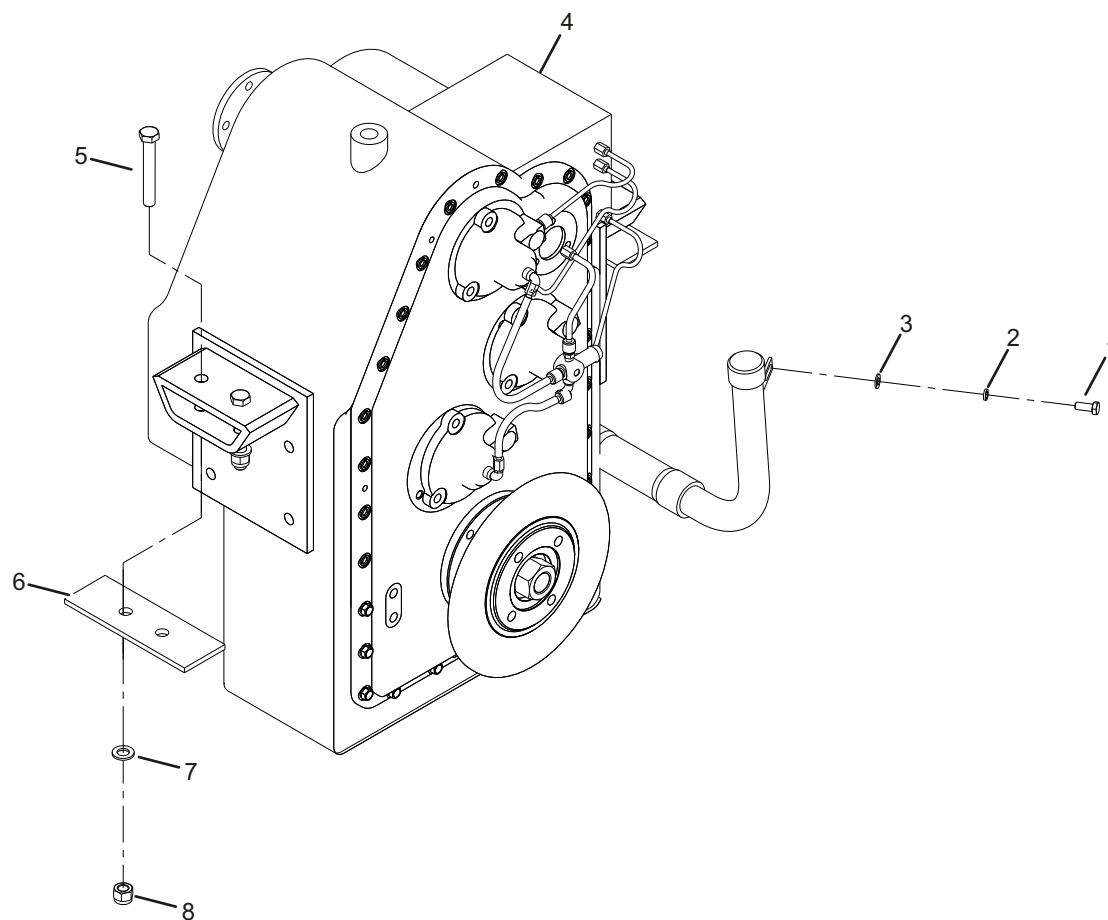
2 变矩器系统 TORQUE CONVERTER SYSTEM (30802900036)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	60911010176	胶管	Hose		1	
20	30893900110	钢管焊合	Steel pipe welding		1	
21	60911010164	胶管	Hose		1	
22	17601001239	过渡接头	Transition connector		1	
23	51207111414	螺栓M12×1.5×40	Bolt M12×1.5×40	8.8	4	GB/T5786
24	17601001249	过渡接头	Transition connector		1	
25	17601001243	过渡接头	Transition connector		1	
26	51204101314	螺栓M10×35	Bolt M10×35	8.8	12	GB/T5783
27	56213000101	美制弹垫K-13	Washer K-13	10	8	ASME B18.21.1
28	51900000902	螺栓3/8-16UNC-2A×7/8	Bolt 3/8-16UNC-2A×7/8	10.9	8	ANSIB1.1
29	17272008275	胶管总成	Hose assembly		1	
30	17272008277	胶管总成	Hose assembly		1	
31	17272004114	胶管总成	Hose assembly		1	
32	17272008276	胶管总成	Hose assembly		1	
33	17272004115	胶管总成	Hose assembly		1	
34	17272007984	胶管总成	Hose assembly		1	
35	17272008274	胶管总成	Hose assembly		1	
36	17601001618	过渡接头	Transition connector		2	

2.1 上传动轴总成 UPPER DRIVE SHAFT ASSEMBLY (17405000001)

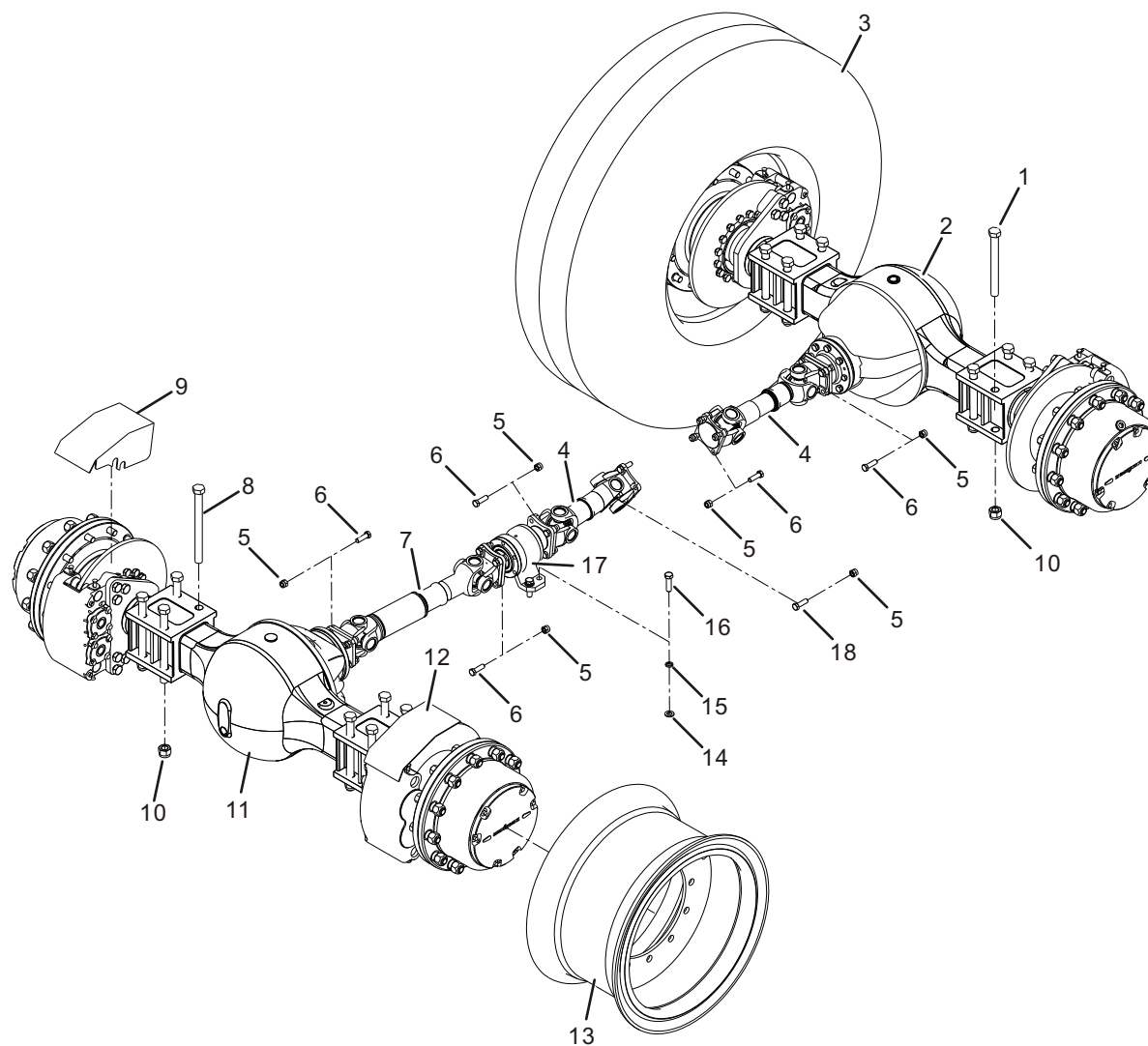
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3 变速箱系统 TRANSMISSION SYSTEM (30803900055)

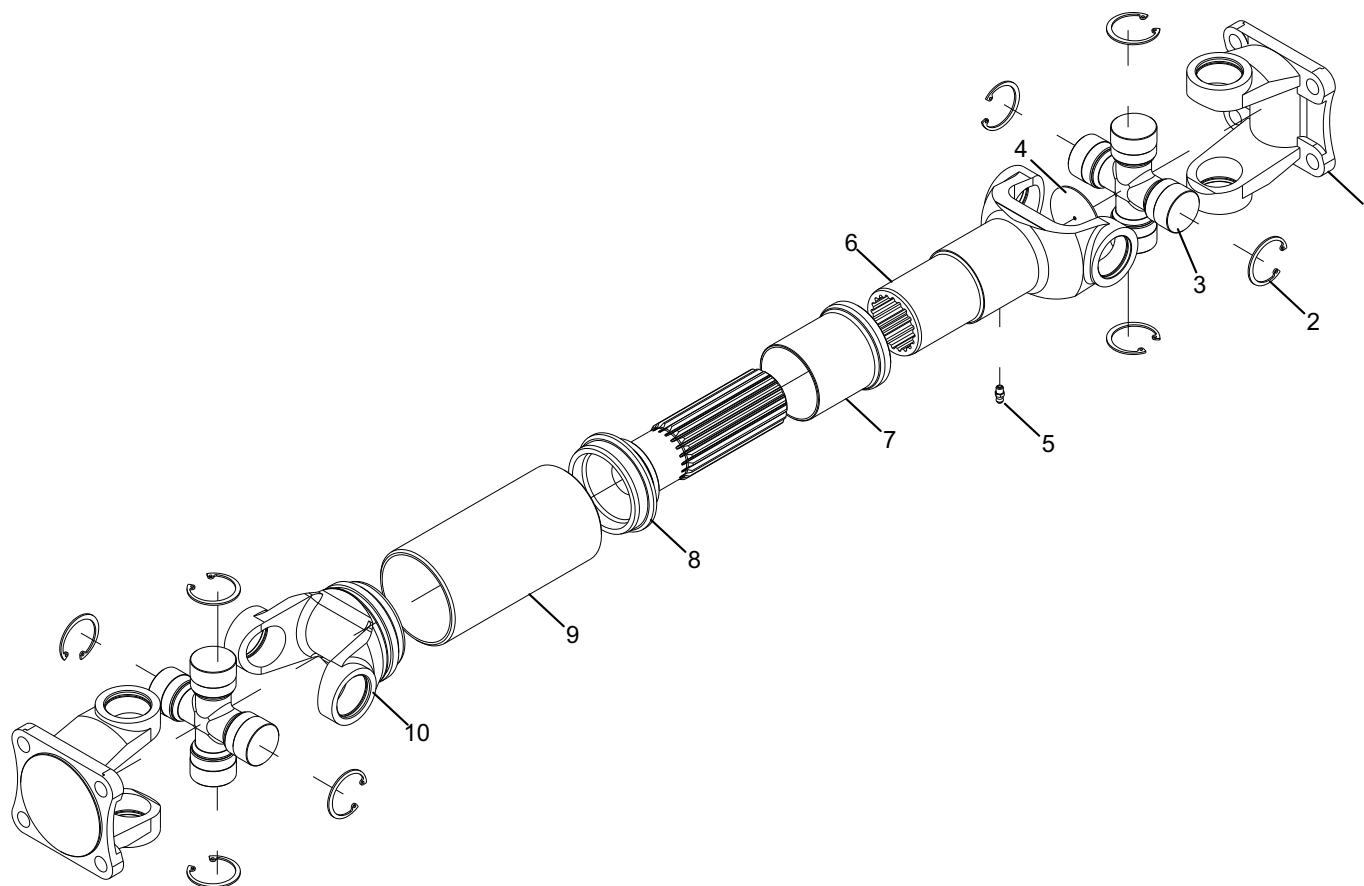


3 变速箱系统 TRANSMISSION SYSTEM (30803900055)

4 驱动桥系统 AXLE SYSTEM (30804900055)



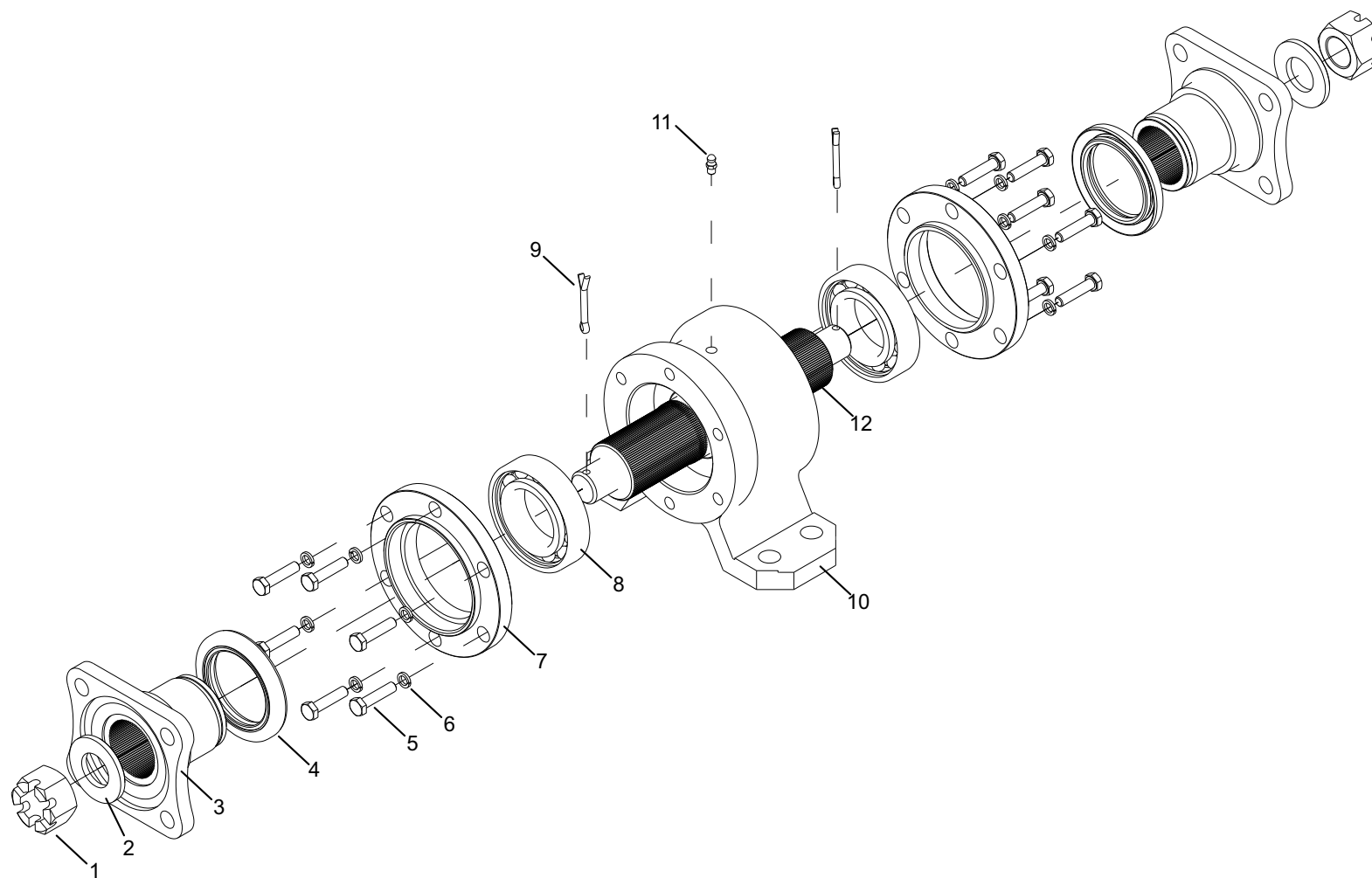
4 驱动桥系统 AXLE SYSTEM (30804900055)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51209153014	螺栓M24×240	Bolt M24×240	8.8	8	GB/T5784
2	16480305090	后驱动桥总成	Rear axle drive assembly		1	LG30F.04000A-1II ⇨  237
3	60205000005	轮胎	Tires		4	GB/T2980
4	17409000001	中/后传动轴总成	Middle/rear drive shaft assembly		2	⇨  31
5	51342000620	螺母M14×1.5	Nut M14×1.5	10	24	GB/T889.2
6	51207123118	螺栓M14×1.5×42	Bolt M14×1.5×42	10.9	20	GB/T5786
7	17401000002	前传动轴总成	Front drive shaft assembly		1	⇨  27
8	51209153114	螺栓M24×280	Bolt M24×280	8.8	8	GB/T5784
9	30804000032	制动器右保护板焊合	Right protective plate welding of brake device		1	
10	51357001119	螺母M24	Nut M24	8	16	GB/T889.1
11	16480300110	前驱动桥总成	Front drive axle assembly		1	LG30F.04000AII ⇨  237
12	30804000031	制动器左保护板焊合	Left protective plate welding of brake device		1	
13	30804000035	轮辋总成	Rim assembly		4	
14	51421130115	垫圈16	Washer 16		4	GB/T97.1
15	51401130107	垫圈16	Washer 16		4	GB/T93
16	51204133314	螺栓M16×50	Bolt M16×50	8.8	4	GB/T5783
17	17402000001	中间支承总成	Midship mounting assembly		1	⇨  29
18	51207121818	螺栓M14×1.5×60	Bolt M14×1.5×60	10.9	4	GB/T5786

4.1 前传动轴总成 FRONT DRIVE SHAFT ASSEMBLY (17401000002)

4.1 前传动轴总成 FRONT DRIVE SHAFT ASSEMBLY (17401000002)

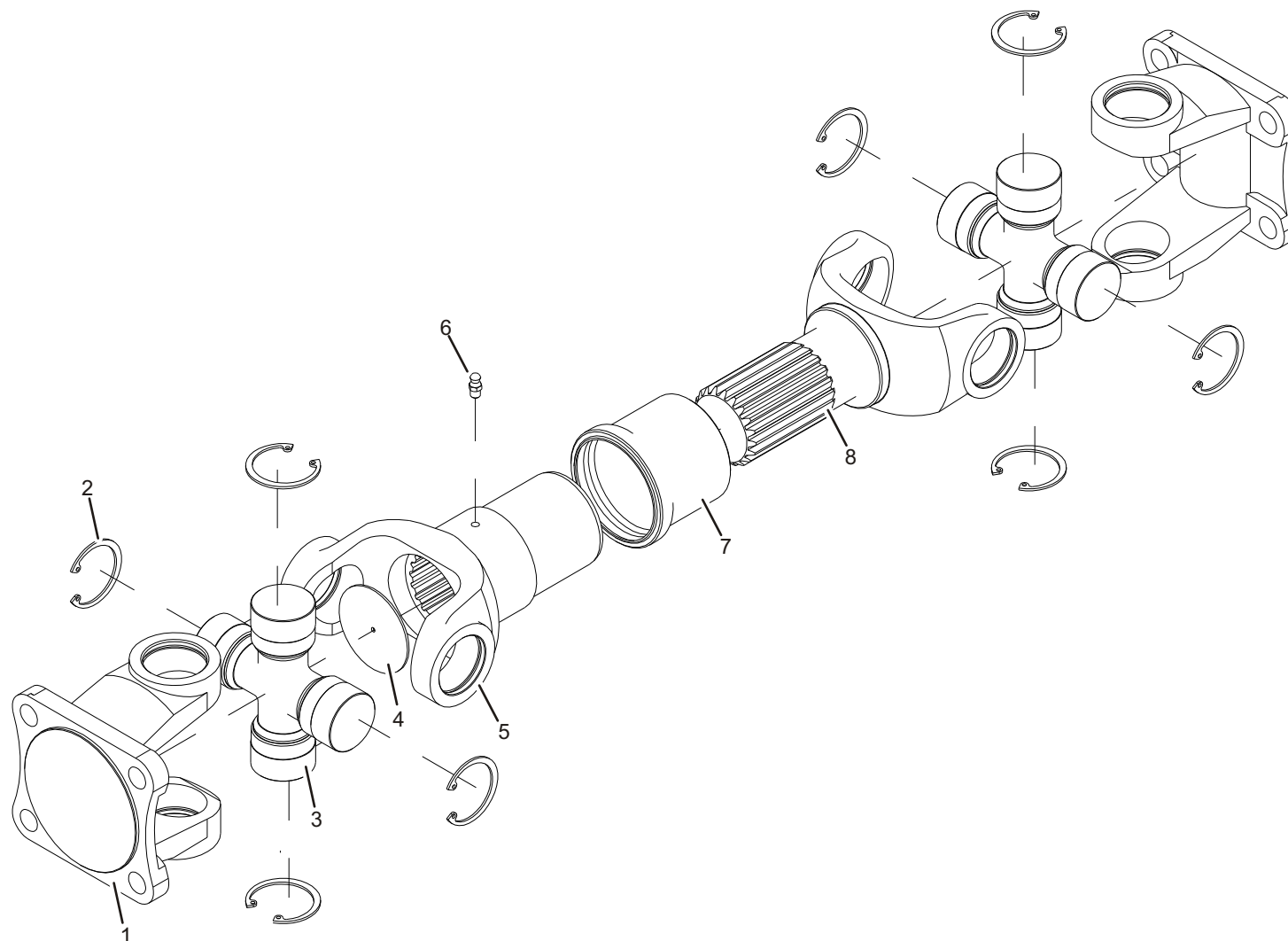
序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	37423000022	凸缘叉	Flange yoke	45	2 LGC30FQ-023
2	67426000009	弹性挡圈	Spring washer		8 LGC30FQ-026
3	67450000004	十字轴总成	Spider assembly	$\Phi 39 \times 118$	2 EQ140-II
4	67465000010	套管叉堵盖	Bushing yoke cover		1 LGC30FQ-065
5	56201000101	油杯	Oil cup	M6	1 JB/T7940.1
6	37421000001	套管叉	Bushing yoke	45	1 CDMC833Q-021
7	67411000015	密封护套总成	Sealing sleeve assembly		1 LGC30FQ-011
8	37416000001	花键轴头	Spline axon		1 CDMC833Q-016
9	67419000015	轴管	Shaft pipe	$\Phi 89 \times 4 \times 178$	1 LGC30FQ-019
10	37418000013	万向节叉	Universal plate	45	1 LGC30FQ-018

4.2 中间支承 MIDDLE SUPPORT (17402000001)



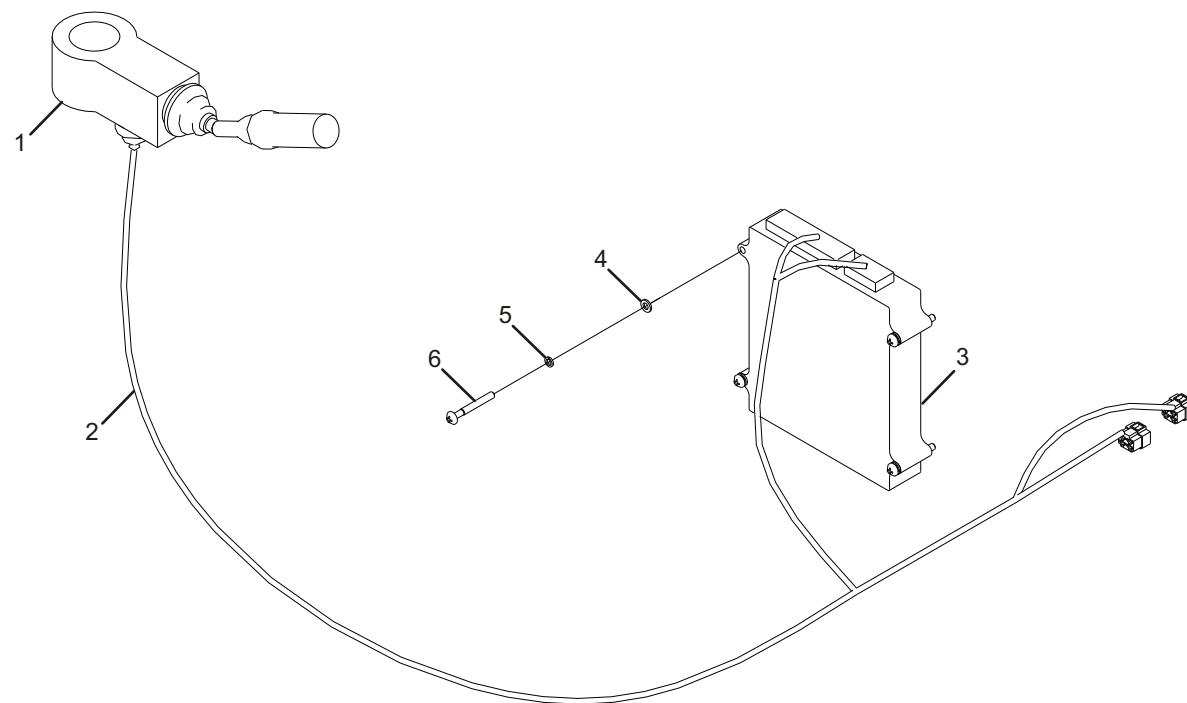
4.2 中间支承 MIDDLE SUPPORT (17402000001)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	37504100101	开槽螺母	Nut	M27 × 1.5	2 LGC30FZZ-041
2	30615100823	垫圈	Washer	Φ27 × 5	2 LGC30FZZ-042
3	37490000003	凸缘	Flange	45	2 LGC30FZZ-111
4	56177012801	密封圈	Sealing ring	FB62 × 93 × 12	1 GB/T13871.1
5	51203091214	螺栓	Bolt	M8 × 30-8.8	12 GB/T5782
6	51401090107	垫圈	Washer	8	12 GB/T93
7	30810101542	轴承盖	Bearing cover		2 LGC30FZZ-092
8	52198021301	轴承	Bearing	6210	2 GB/T276
9	51512101605	销	Pin	5 × 40	2 GB/T91
10	37491000007	支承座	Support seat		1 LGC30FZZ-091
11	56201000301	油杯	Oil cup	M10 × 1	1 JB/T7940.1
12	37416000034	花键轴	Spilne shaft		1 LGC30FZZ-016

4.3 中/后传动轴总成 MIDDLE/REAR DRIVE SHAFT ASSEMBLY (17409000001)

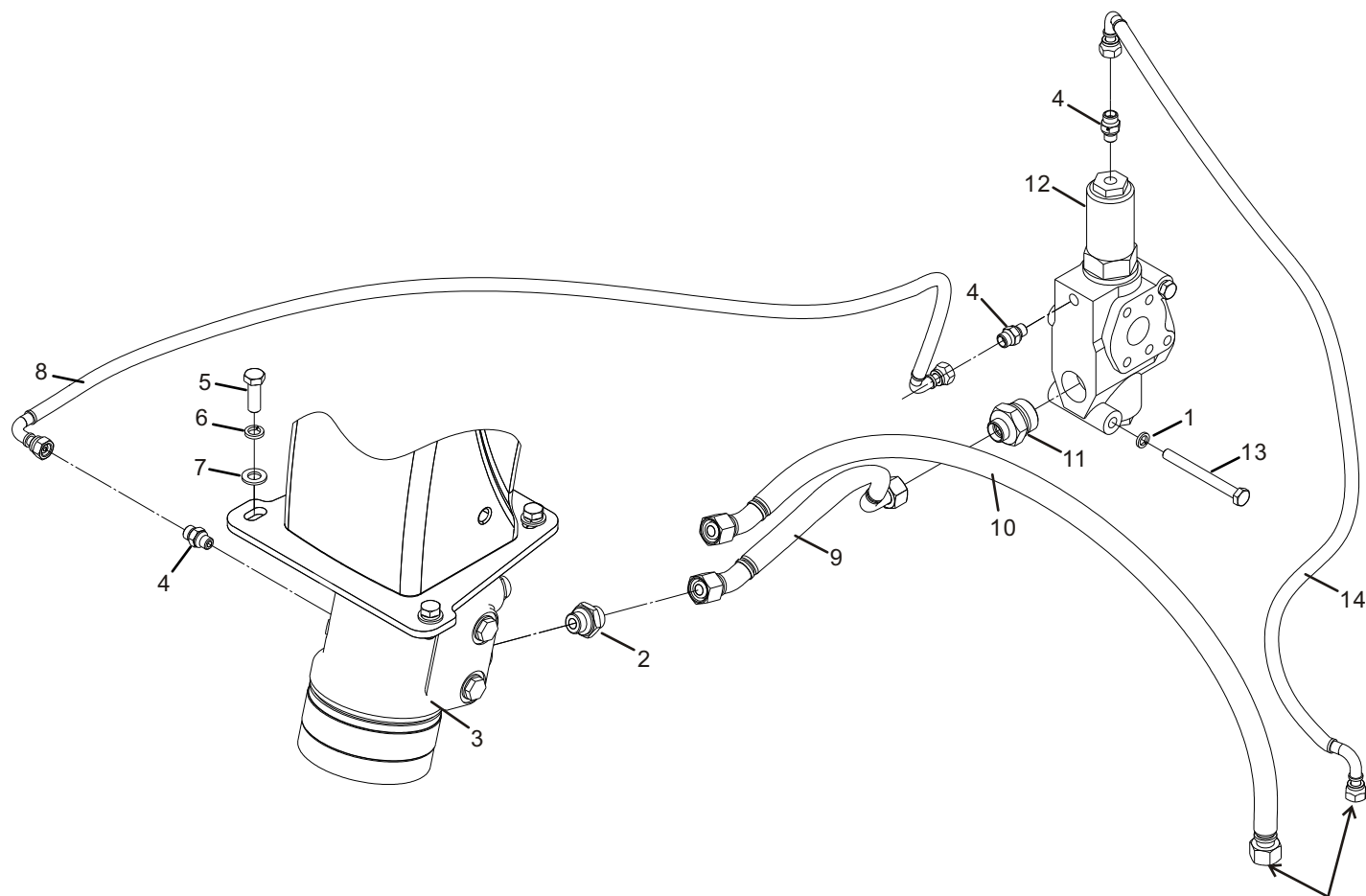
4.3 中/后传动轴总成 MIDDLE/REAR DRIVE SHAFT ASSEMBLY (17409000001)

[illegible]

5 电液变速操纵系统 ELECTROHYDRAULIC SPEED CONTROL SYSTEM (30805900050)

34

6 转向液压系统 HYDRAULIC STEERING SYSTEM(30806900101)

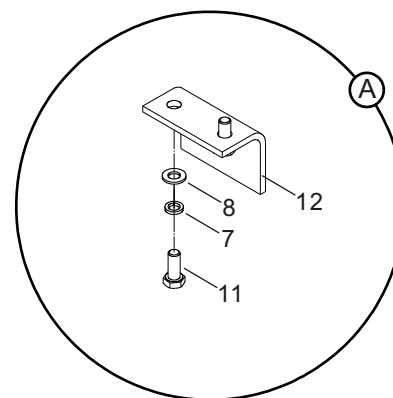
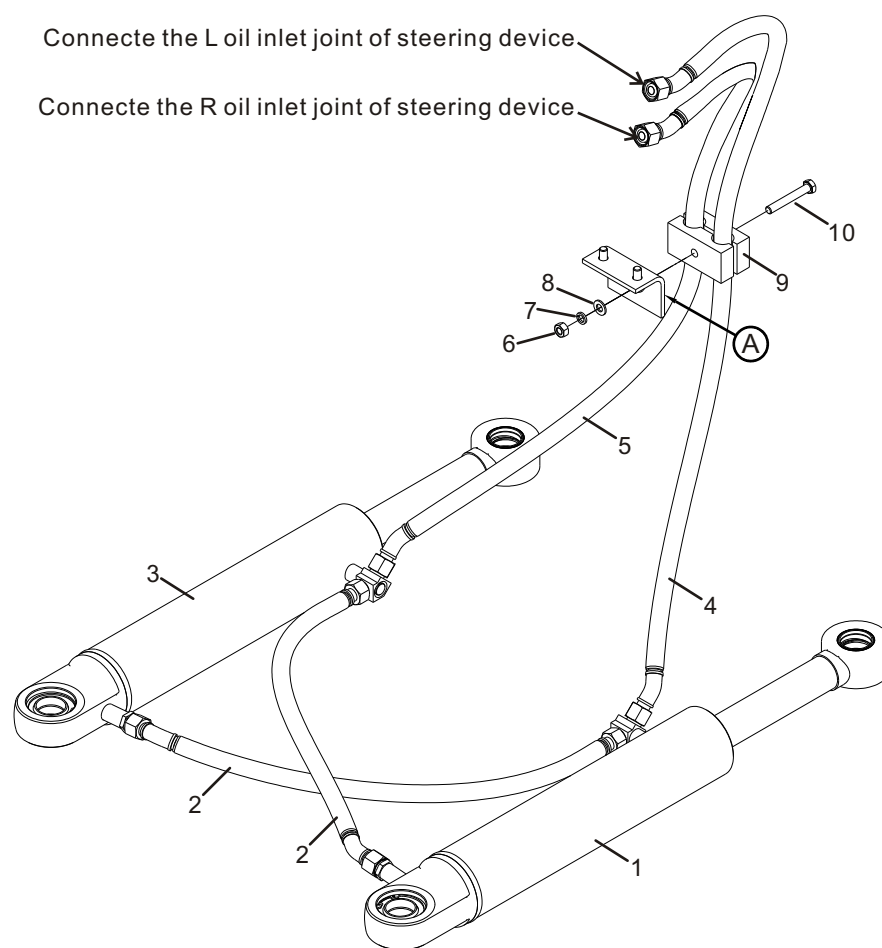


Connecte the oil inlet joint of return oil pipe of hydraulic tank

INSTALLATION ASSEMBLY OF STEERING GEAR&PRIORITY VALVE

6 转向液压系统 HYDRAULIC STEERING SYSTEM(30806900101)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51401100107	垫圈10	Washer 10		2	GB/T93
2	17601001231	过渡接头	Transition connector		4	
3	30806000209	全液压转向机	Hydraulic steering gear		1	⇒  41
4	17601001228	过渡接头	Transition connector		3	
5	51204111314	螺栓M12×35	Bolt M12×35		4	GB/T5783
6	51401110107	垫圈12	Washer 12		4	GB/T93
7	51421110115	垫圈12	Washer 12		4	GB/T97.1
8	17272008265	胶管总成	Hose assembly		1	
9	17272008269	胶管总成	Hose assembly		1	
10	17272008270	胶管总成	Hose assembly		1	
11	17601001603	过渡接头	Transition connector		1	
12	60304000044	优先阀总成	Priority valve assembly		1	
13	51203102614	螺栓M10×100	Bolt M10×100	8.8	2	GB/T5782
14	17272008266	胶管总成	Hose assembly		1	

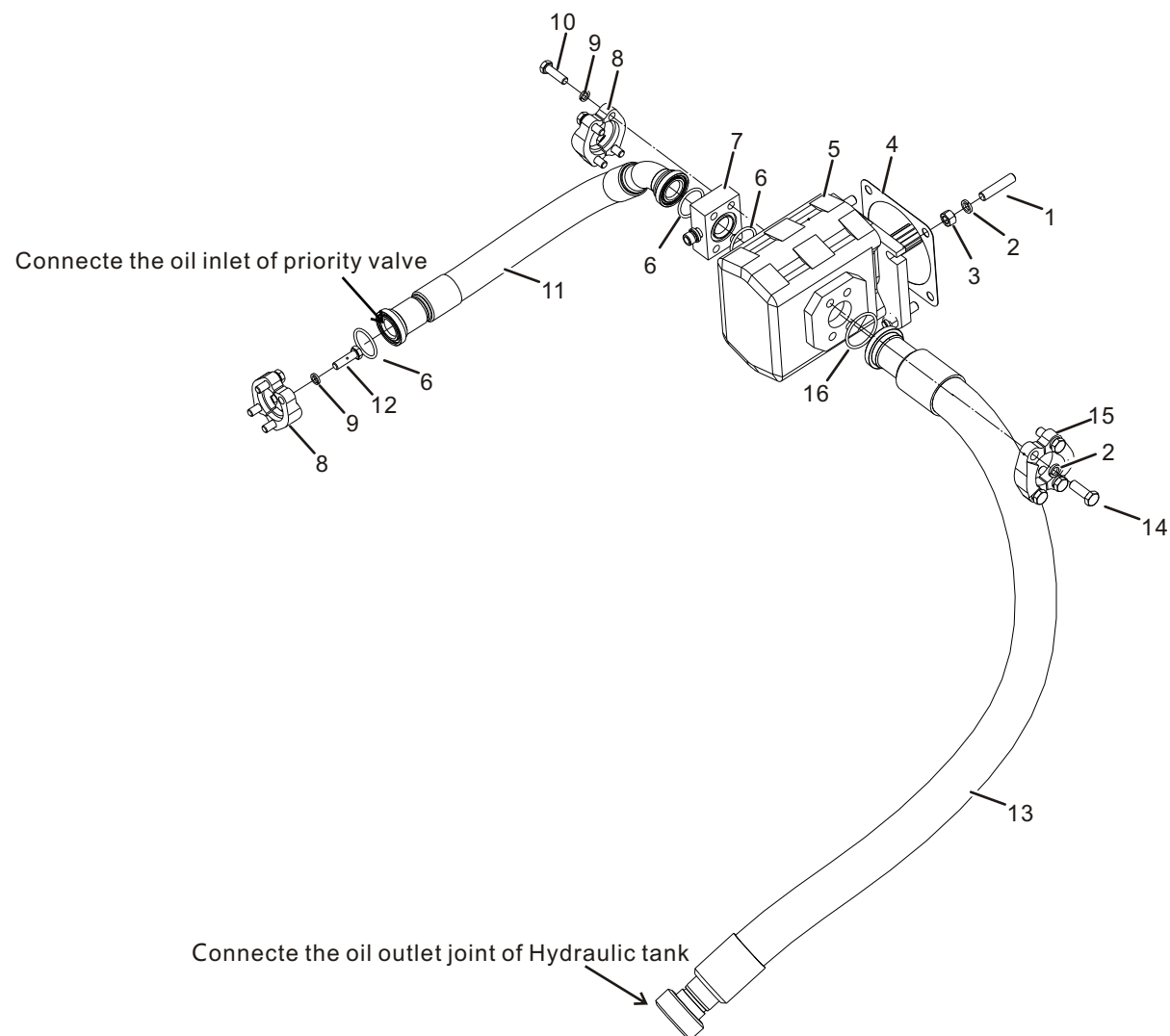
6 转向液压系统 HYDRAULIC STEERING SYSTEM(30806900101)



STEERING CYLINDER UNITS

6 转向液压系统 HYDRAULIC STEERING SYSTEM(30806900101)						
序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks	
1	16608029540	油缸Φ80/Φ45	Cylinder Φ80/Φ45	1	⇒  47	
2	17272011409	胶管总成	Hose assembly	2		
3	16608029550	油缸Φ80/Φ45	Cylinder Φ80/Φ45	1	⇒  43	
4	17272012001	胶管总成	Hose assembly	1		
5	17272012234	胶管总成	Hose assembly	1		
6	51307001019	螺母M10	Nut M10	8	1 GB/T6170	
7	51401100107	垫圈10	Washer 10	3	GB/T93	
8	51421100115	垫圈10	Washer 10	3	GB/T97.1	
9	30807100959	管夹	Tube clip	1		
10	51204102014	螺栓M10×70	Bolt M10×70	8.8	1 GB/T5783	
11	51204101114	螺栓M10×25	Bolt M10×25	8.8	2 GB/T5783	
12	30806100333	管夹固定板	Fixing plate of pipe clamp	1		

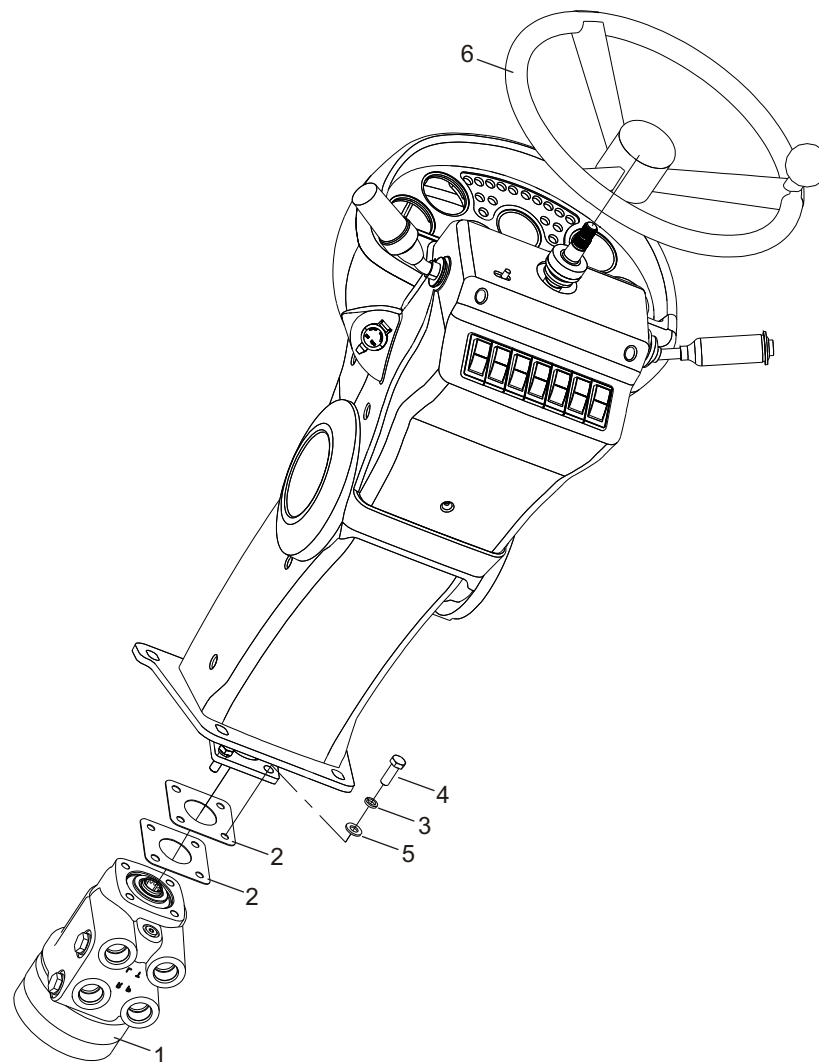
6 转向液压系统 HYDRAULIC STEERING SYSTEM(30806900101)



STEERING PUMP UNITS

6 转向液压系统 HYDRAULIC STEERING SYSTEM(30806900101)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51288111304	螺柱M12×35	Bolt M12×35	8.8	4	GB/T898A
2	51401110107	垫圈12	Washer 12		8	GB/T93
3	51307001119	螺母M12	Nut M12	8	4	GB/T6170
4	60922010004	密封垫片	Seal gasket		1	
5	60301000260	齿轮泵总成	Gear pump assembly		1	
6	56900001001	O形圈37.69×3.53	O-ring37.69×3.53		3	AS568
7	30893900529	钢管焊合	Steel pipe welding		1	
8	30807100834	压板	Press plate		2	
9	51401100107	垫圈10	Washer 10		8	GB/T93
10	51203101914	螺栓M10×65	Bolt M10×65	8.8	4	GB/T5782
11	17272012233	胶管总成	Hose assembly		1	
12	51204101314	螺栓M10×35	Bolt M10×35	8.8	4	GB/T5783
13	17272008268	胶管总成	Hose assembly		1	
14	51204111314	螺栓M12×35	Bolt M12×35	8.8	4	GB/T5783
15	17601001220	过渡接头	Transition connector		1	
16	56900001104	O形圈47.22×3.53	O-ring 47.22×3.53		1	AS568

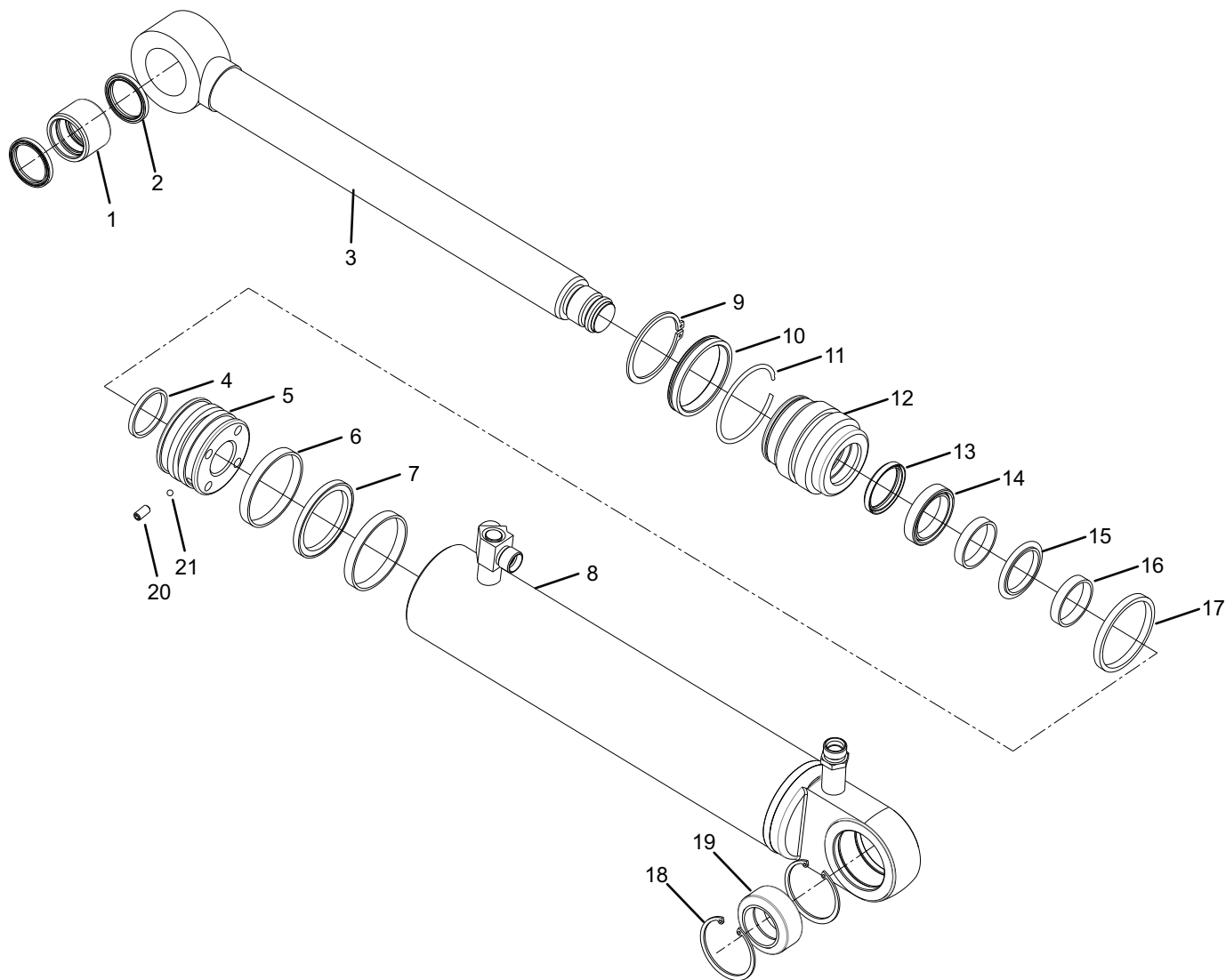
6.1 全液压转向机总成 HYDRAULIC STEERING GEAR ASSEMBLY(30806000209)



6.1 全液压转向机总成 HYDRAULIC STEERING GEAR ASSEMBLY(30806000209)

[illegible]

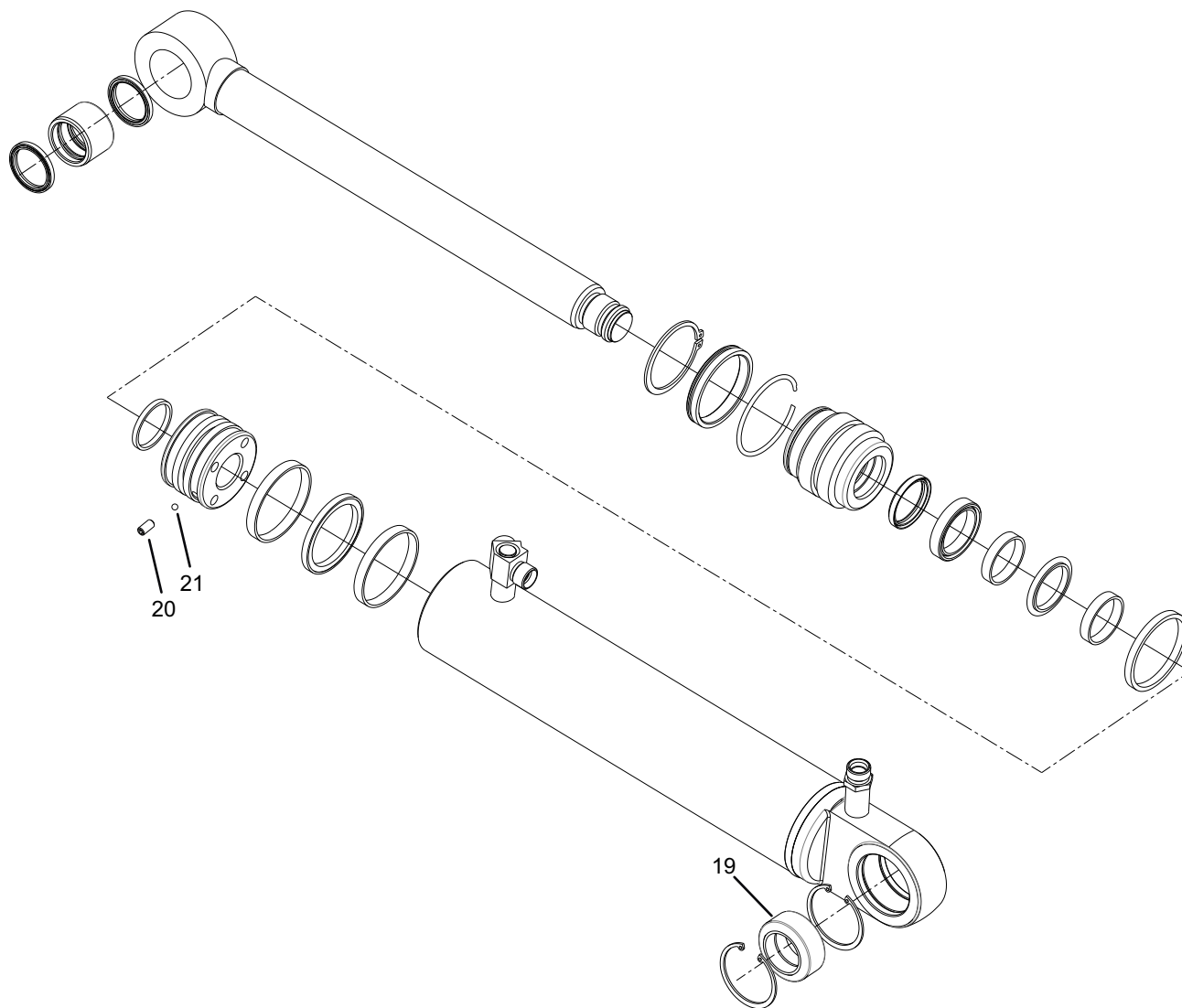
6.2 左转向油缸 LEFT STEERING CYLINDER (16608029550)



6.2 左转向油缸 LEFT STEERING CYLINDER (16608029550)

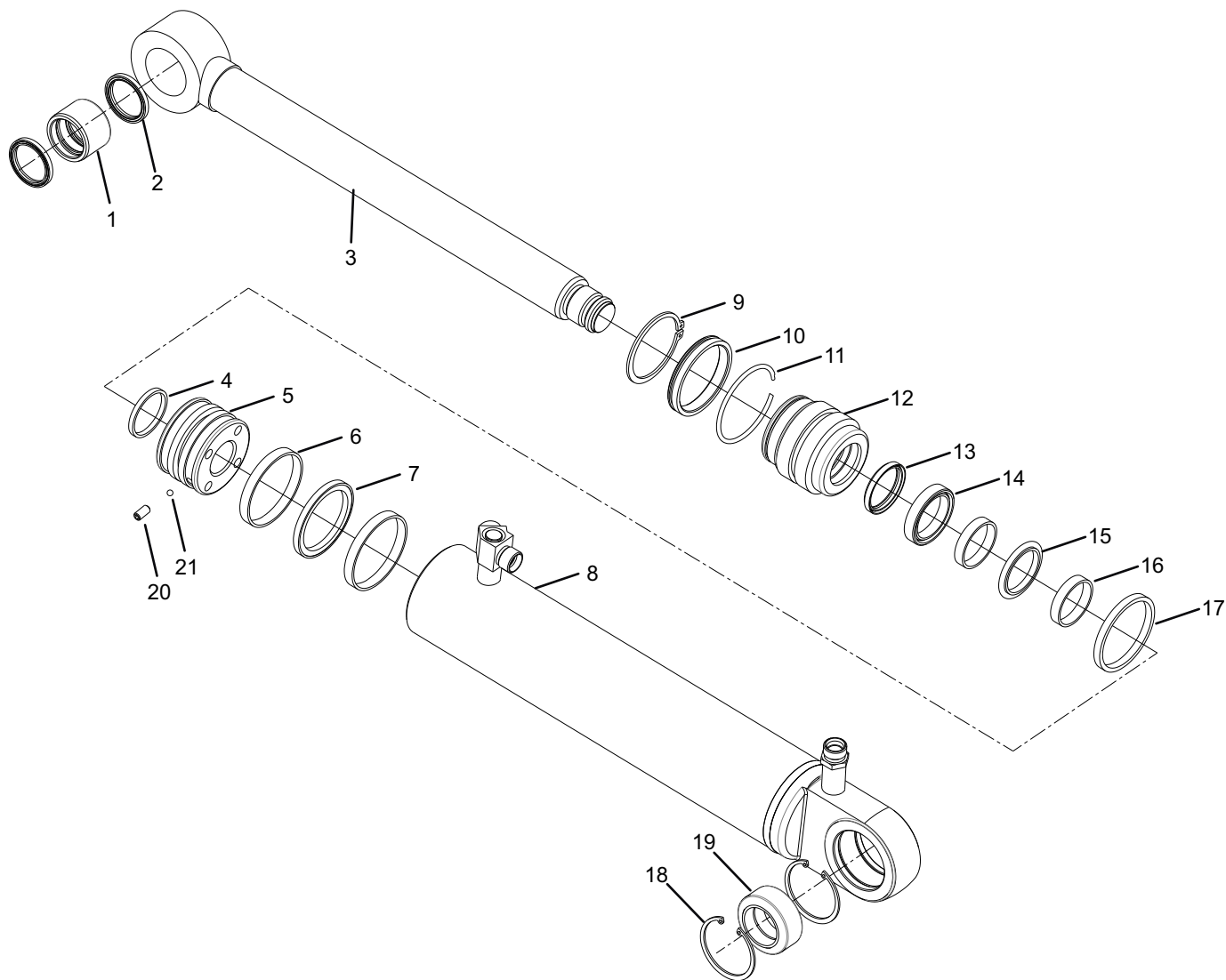
序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	36608090190	轴套	Shaft sleeve	1	ZL40-630006B
2	56186001101	防尘圈40×50×4	Scraper seal 40×50×4	2	
3	36608040860	活塞杆	Piston rod	1	ZL30-630001A
4	56900003003	O形圈44.04×3.53	O-ring 44.04×3.53	1	AS568
5	36608020110	活塞	Piston	1	ZL30-630005B
6	56199002701	支承环75×80×9.7	Support ring 75×80×9.7	2	
7	56189002201	活塞密封圈80×64.5×6.3	Piston seal 80×64.5×6.3	1	
8	36608011740	缸体左	Left cylinder	1	ZL30-631000C L
9	51453500107	挡圈70	Retaining ring 70	1	GB/T894.1
10	36608080020	环	Ring	1	ZL30-630002B
11	36608110010	弹簧挡圈	Spring retainer	1	ZL30-6300003
12	36608030310	导向套	Guide sleeve	1	ZL30-630004B
13	56185000401	防尘圈45×53×6	Scraper seal 45×53×6	1	
14	56187000801	轴用密封圈45×60×12.5	Shaft seal ring 45×60×12.5	1	
15	56188001302	缓冲圈45×60.5×6.3	Buffer ring 45×60.5×6.3	1	
16	56199002201	支承环45×50×9.7	Support ring 45×50×9.7	2	
17	56900005403	O形圈69.22×5.33	O-ring 69.22×5.33	1	AS568
18	51451460107	挡圈62	Retaining ring 62	2	GB/T893.1

6.2 左转向油缸 LEFT STEERING CYLINDER (16608029550)



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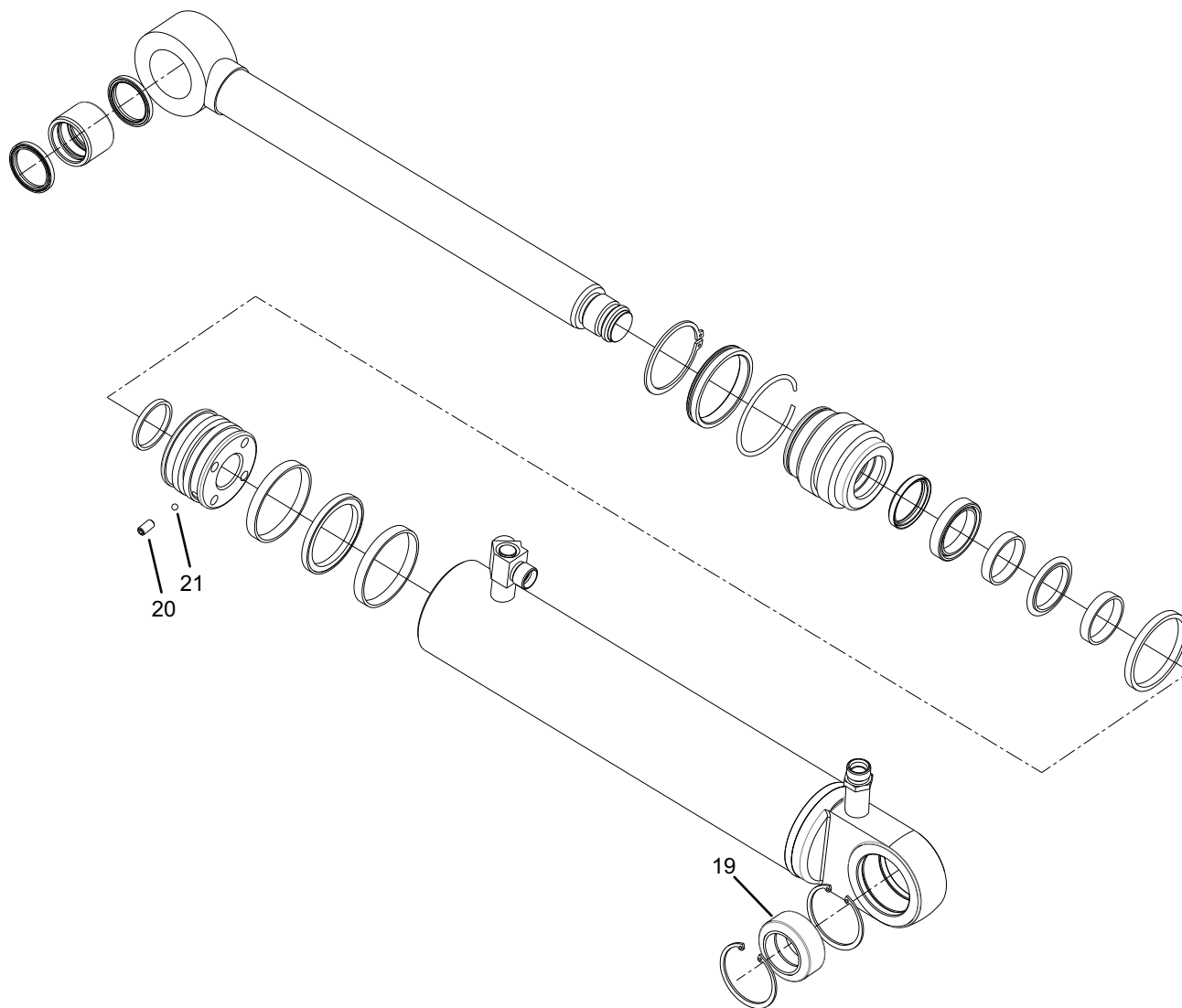
6.3 右转向油缸 RIGHT STEERING CYLINDER (16608029540)



6.3 右转向油缸 RIGHT STEERING CYLINDER (16608029540)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	36608090190	轴套	Shaft sleeve	1	ZL40-630006B
2	56186001101	防尘圈40×50×4	Scraper seal 40×50×4	2	
3	36608040860	活塞杆	Piston rod	1	ZL30-630001A
4	56900003003	O形圈44.04×3.53	O-ring 44.04×3.53	1	AS568
5	36608020110	活塞	Piston	1	ZL30-630005B
6	56199002701	支承环75×80×9.7	Support ring 75×80×9.7	2	
7	56189002201	活塞密封圈80×64.5×6.3	Piston seal 80×64.5×6.3	1	
8	36608011750	缸体右	Cylinder right	1	ZL30-631000C R
9	51453500107	挡圈70	Retaining ring 70	1	GB/T894.1
10	36608080020	环	Ring	1	ZL30-630002B
11	36608110010	弹簧挡圈	Spring retainer	1	ZL30-6300003
12	36608030310	导向套	Guide sleeve	1	ZL30-630004B
13	56185000401	防尘圈45×53×6	Scraper seal 45×53×6	1	
14	56187000801	轴用密封圈45×60×12.5	Shaft seal ring 45×60×12.5	1	
15	56188001302	缓冲圈45×60.5×6.3	Buffer ring 45×60.5×6.3	1	
16	56199002201	支承环45×50×9.7	Support ring 45×50×9.7	2	
17	56900005403	O形圈69.22×5.33	O-ring 69.22×5.33	1	AS568
18	51451460107	挡圈62	Retaining ring 62	2	GB/T893.1

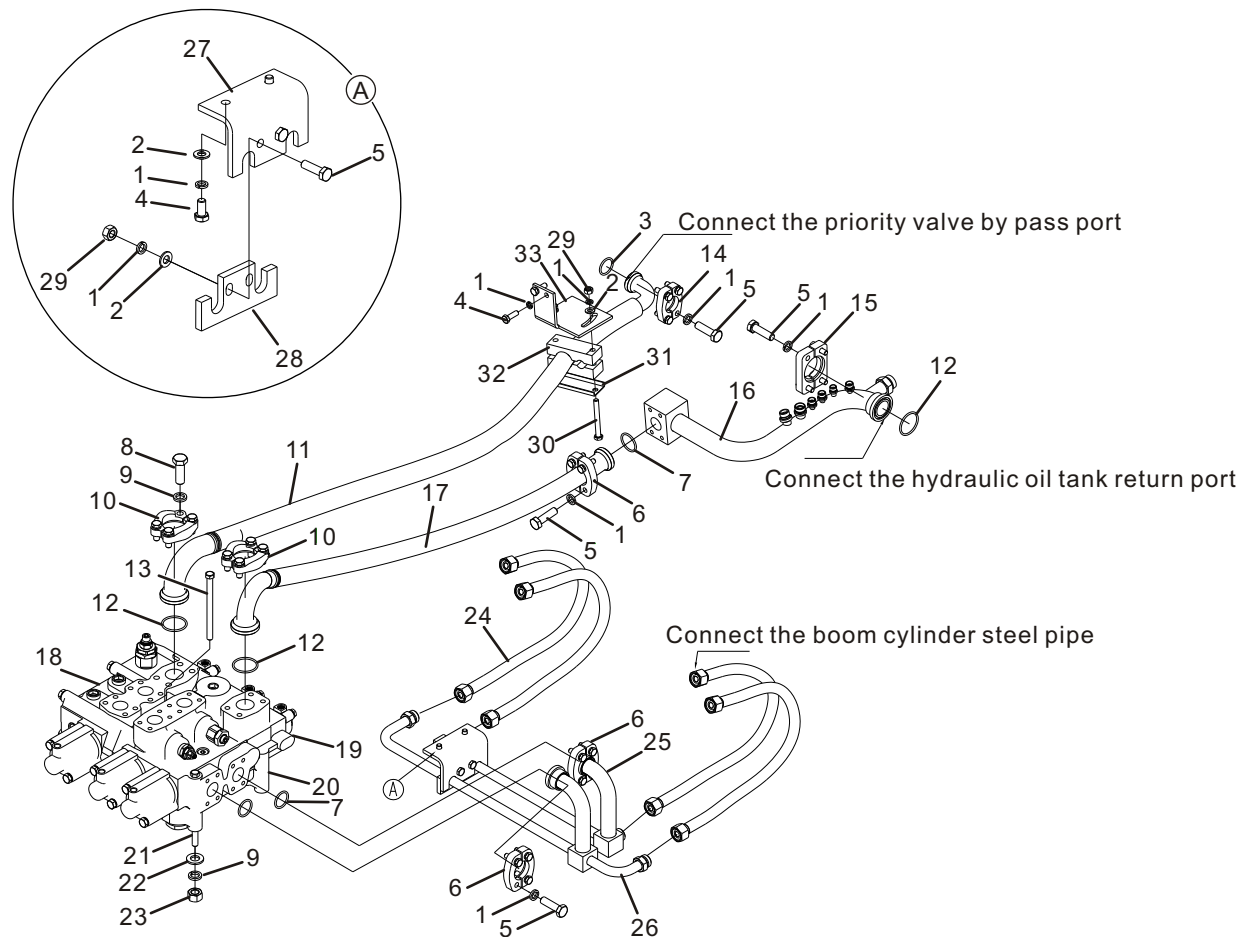
6.3 右转向油缸 RIGHT STEERING CYLINDER (16608029540)



6.3 右转向油缸 RIGHT STEERING CYLINDER (16608029540)

[illegible]

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

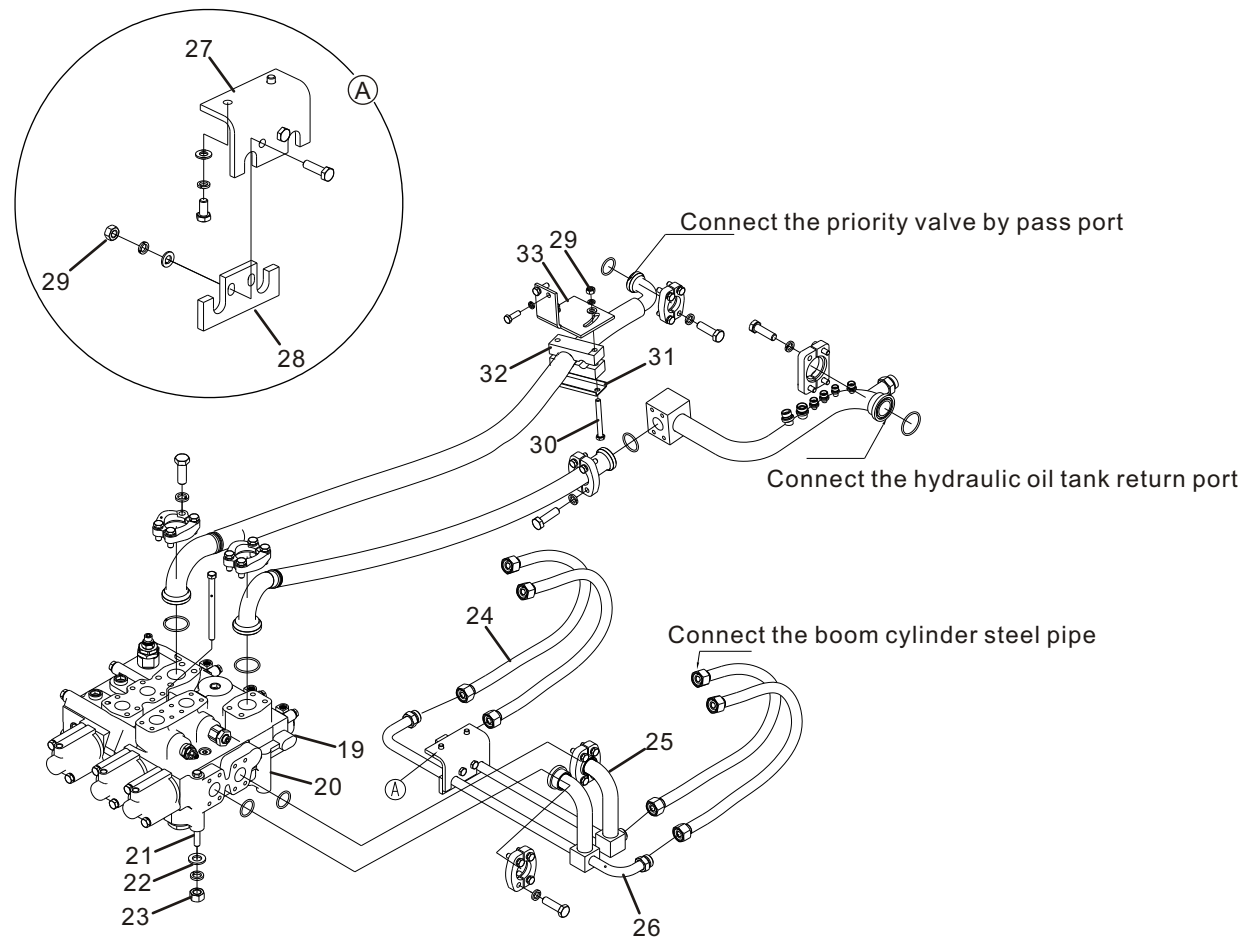


USE FOR CDM835EV.001 WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51401100107	垫圈10	Washer 10	28	GB/T93
2	51421100115	垫圈10	Washer 10	6	GB/T97.1
3	56900000401	O形圈32.92×3.53	O-ring 32.92×3.53	1	
4	51204101114	螺栓M10×25	Bolt M10×25	4	8.8 GB/T5783
5	51204101314	螺栓M10×35	Bolt M10×35	22	8.8 GB/T5783
6	17601001218	法兰夹	Flange clip	2	
7	56900001001	O形圈37.69×3.53	O-ring 37.69×3.53	3	
8	51204111314	螺栓M12×35	Bolt M12×35	8	8.8 GB/T5783
9	51401110107	垫圈12	Washer 12	11	GB/T93
10	17601001220	法兰夹	Flange clip	2	
11	17272011483	胶管总成	Hose assembly	1	
12	56900001101	O形圈47.22×3.53	O-ring 47.22×3.53	2	
13	51203113214	螺栓M12×160	Bolt M12×160	1	8.8 GB/T5782
14	30806100206	压板	Press plate	1	
15	30807100362	压板	Press plate	1	
16	30807000631	钢管焊合	Steel pipe welding	1	
17	17272012529	胶管总成	Hose assembly	1	
18	30807000368	第三联管路总成	Third pipeline assembly	1	⇒ 85

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

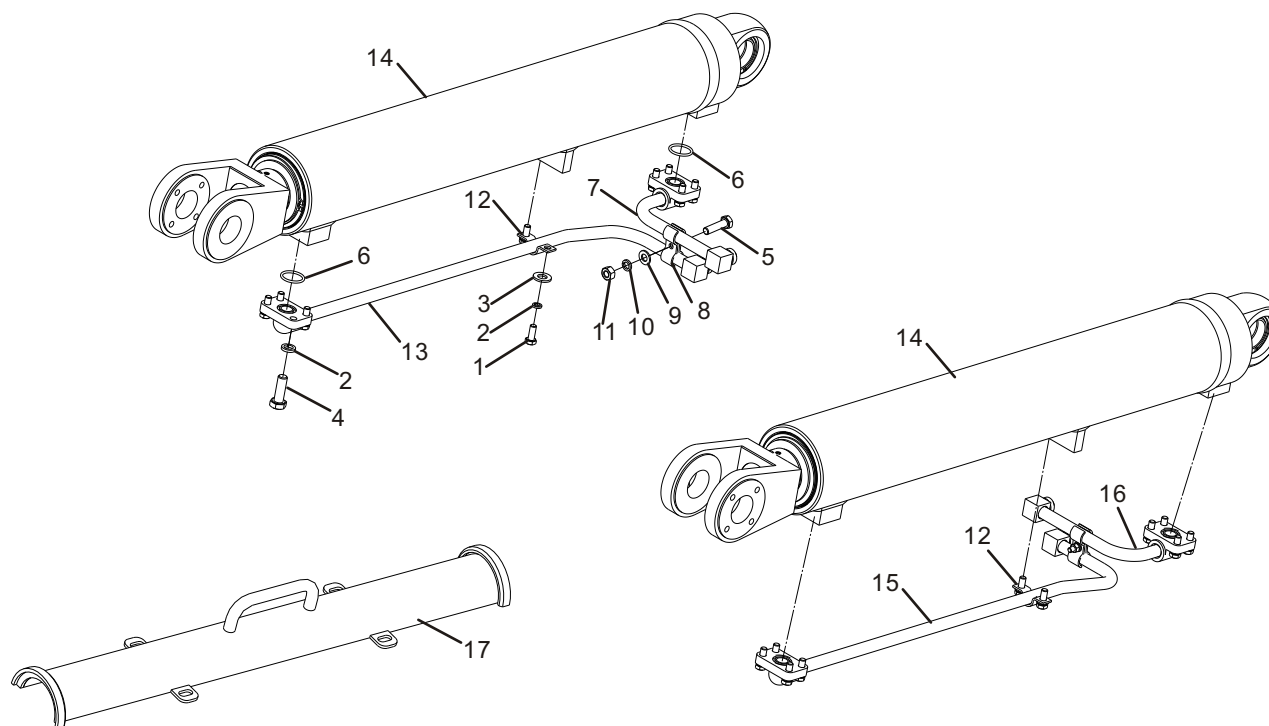


USE FOR CDM835EV.001 WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	60304000037	液控多路阀(三联)	Hydraulic control multi-way valve	1	
20	30807000539	先导操纵总成	Piolt control assembly	1	⇒ 73
21	51203113114	螺栓M12×180	Bolt M12×180	2	GB/T5782
22	51421110115	垫圈12	Washer 12	3	
23	51307001119	螺母M12	Nut M12	3	GB/T6170
24	17272008271	胶管总成	Hose assembly	4	
25	30893900120	钢管焊合	Steel pipe welding	1	
26	30893900119	钢管焊合	Steel pipe welding	1	
27	30807101264	角铁	Angle iron	1	
28	30807101265	锁板	Lockplate	1	
29	51307001019	螺母M10	Nut M10	4	GB/T6170
30	51203102614	螺栓M10×100	Bolt M10×100	2	GB/T5782
31	30807100260	管夹压板	Press plate of pipe clamp	2	
32	30807100259	橡胶管夹	Pipe clamp	1	
33	30807100424	固定板	Fixing plate	1	

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

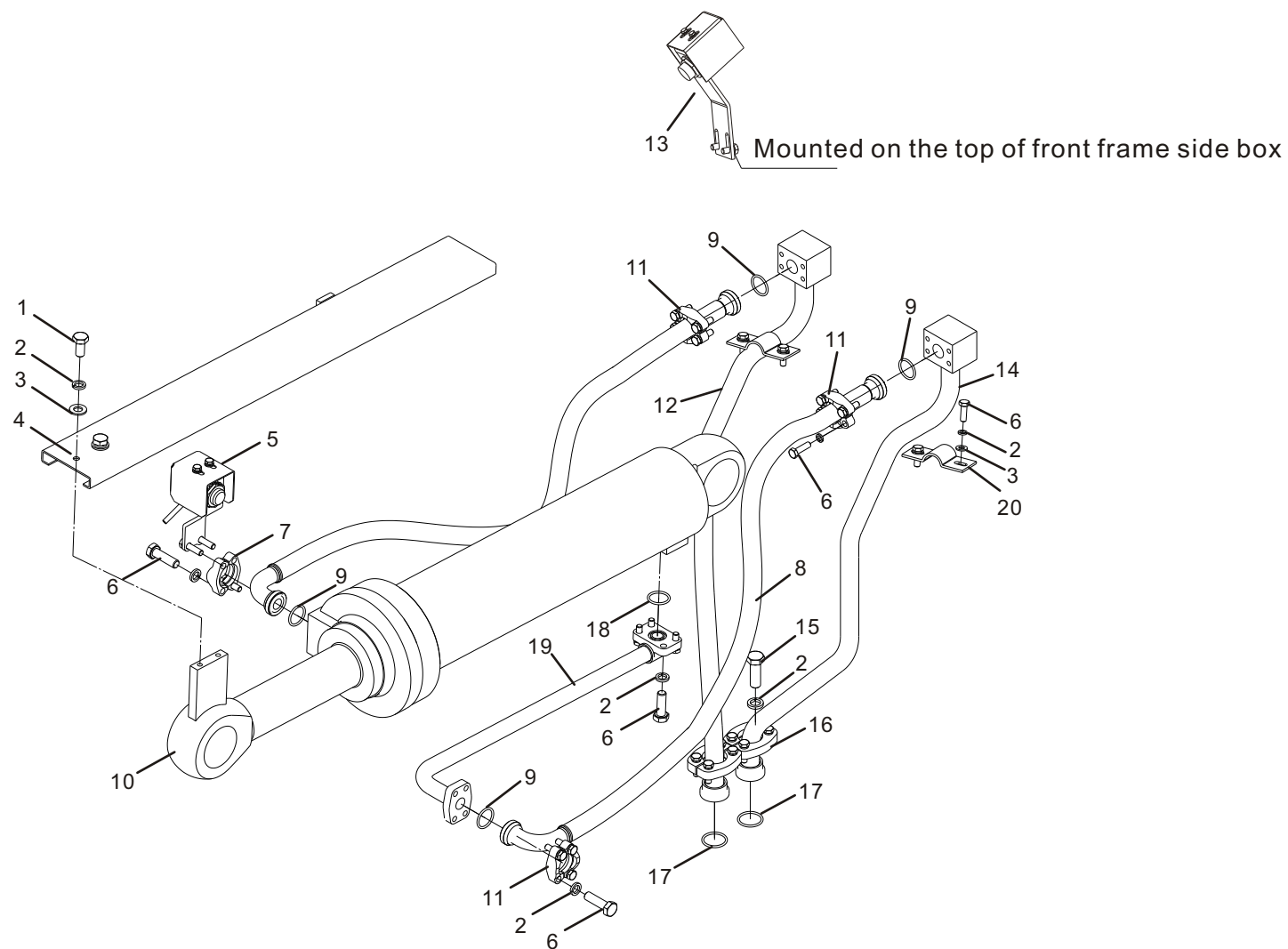


USE FOR CDM835EV.00I WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101014	螺栓M10×20	Bolt M10×20	8.8	6	GB/T5783
2	51401100107	垫圈10	Washer 10		22	GB/T93
3	51421100115	垫圈10	Washer 10		4	GB/T97.1
4	51204101214	螺栓M10×30	Bolt M10×30	8.8	16	GB/T5783
5	51204091214	螺栓M8×30	Bolt M8×30	8.8	2	GB/T5783
6	56900000201	O形圈24.99×3.53	O-ring 24.99×3.53		4	
7	30893900295	钢管焊合	Steel pipe welding		1	
8	30807100190	动臂缸进出油管管夹	Boom cylinder inlet/outlet pipe clip		4	
9	51421090115	垫圈8	Washer 8		2	GB/T97.1
10	51401090107	垫圈8	Washer 8		2	GB/T93
11	51307000919	螺母M8	Nut M8	8	2	GB/T6170
12	30807100363	管夹	Tube clip		2	
13	30893900292	钢管焊合	Steel pipe welding		1	
14	16608062340	油缸Φ125/Φ70	Oil tank Φ125/Φ70		2	⇒  93
15	30893900293	钢管焊合	Steel pipe welding		1	
16	30893900294	钢管焊合	Steel pipe welding		1	
17	30807000157	动臂缸支撑架总成	The support frame of boom cylinder		2	

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

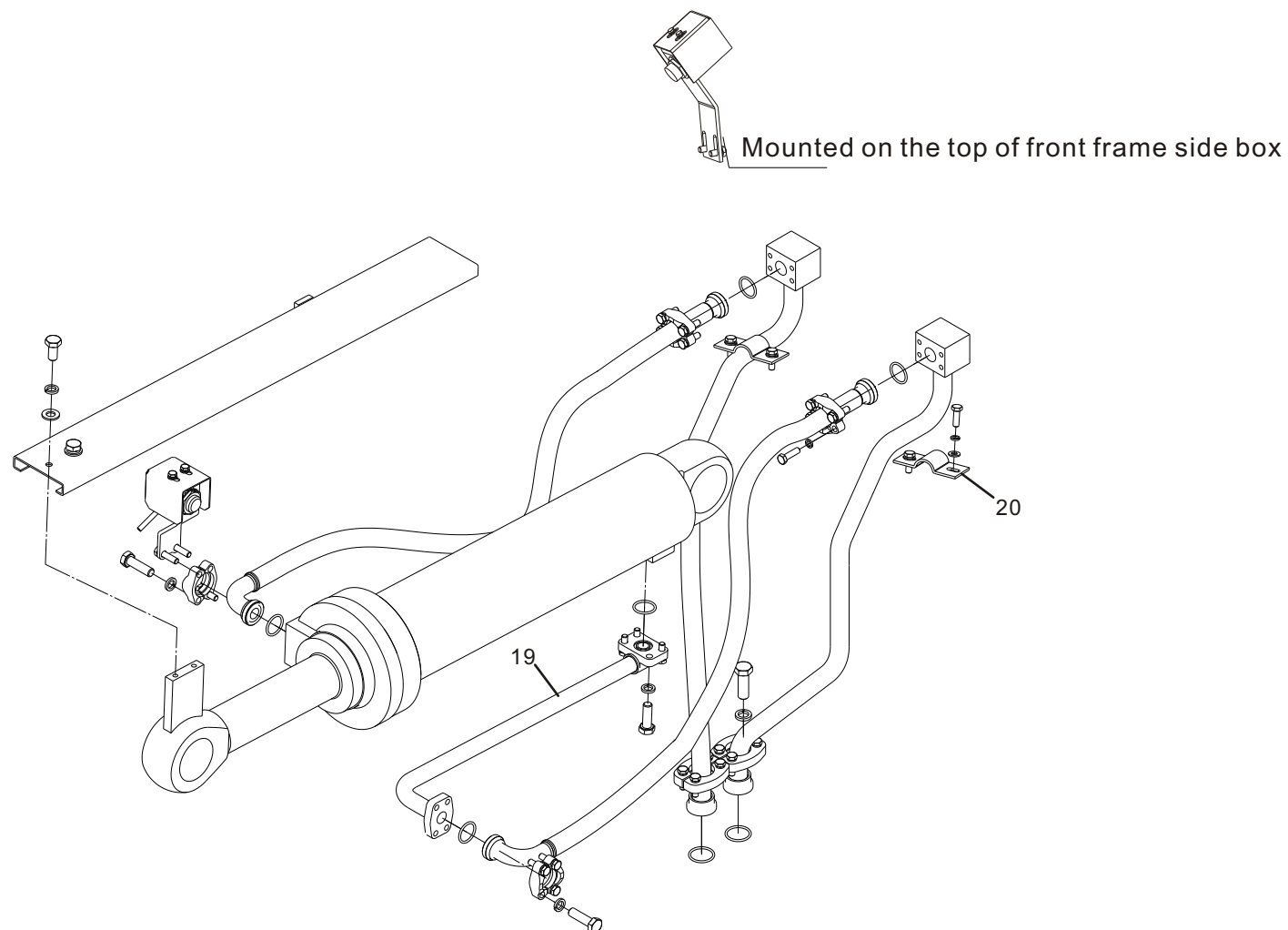


USE FOR CDM835EV.001 WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101014	螺栓M10×20	Bolt M10×20	8.8	2	GB/T5783
2	51401100107	垫圈10	Washer 10		30	GB/T93
3	51421100115	垫圈10	Washer 10		6	GB/T97.1
4	30807000520	转斗油缸保护板组件焊合	Welding of guard shield of bucket cylinder		1	
5	30807000538	转斗自动放平装置总成	Bucket automatic set level device assembly		1	⇒ 81
6	51204101214	螺栓M10×30	Bolt M10×30	8.8	22	GB/T5783
7	30807100264	压板	Press plate		1	
8	17272008272	胶管总成	Hose assembly		2	
9	56900000401	O形圈32.92×3.53	O-ring 32.92×3.53		4	
10	16608064540	油缸Φ140/Φ80	Oil tank Φ140/Φ80		1	⇒ 89
11	17601001217	法兰夹	Flange clip		3	
12	30893000414	钢管焊合	Steel pipe welding		1	
13	30807000540	动臂限位装置	Boom limit device		1	⇒ 83
14	30893000413	钢管焊合	Steel pipe welding		1	
15	51204101314	螺栓M10×35	Bolt M10×35	8.8	8	GB/T5783
16	17601001218	过渡接头	Transition connector		2	
17	56900001001	O形圈37.69×3.53	O-ring 37.69×3.53		2	
18	56145008301	O形圈30×3.55	O-ring 30×3.55		1	

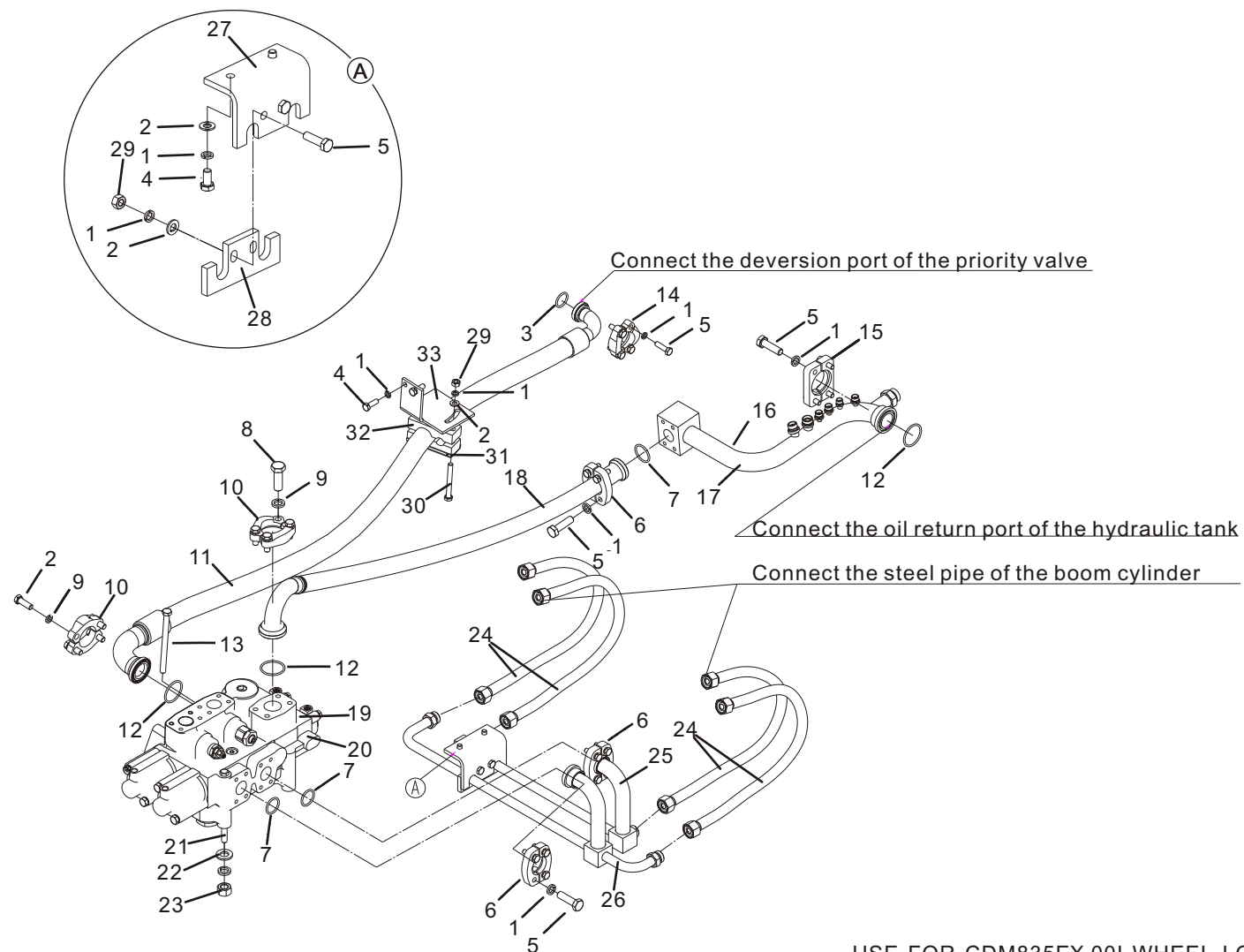
7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303)



USE FOR CDM835EV.001 WHEEL LOADER

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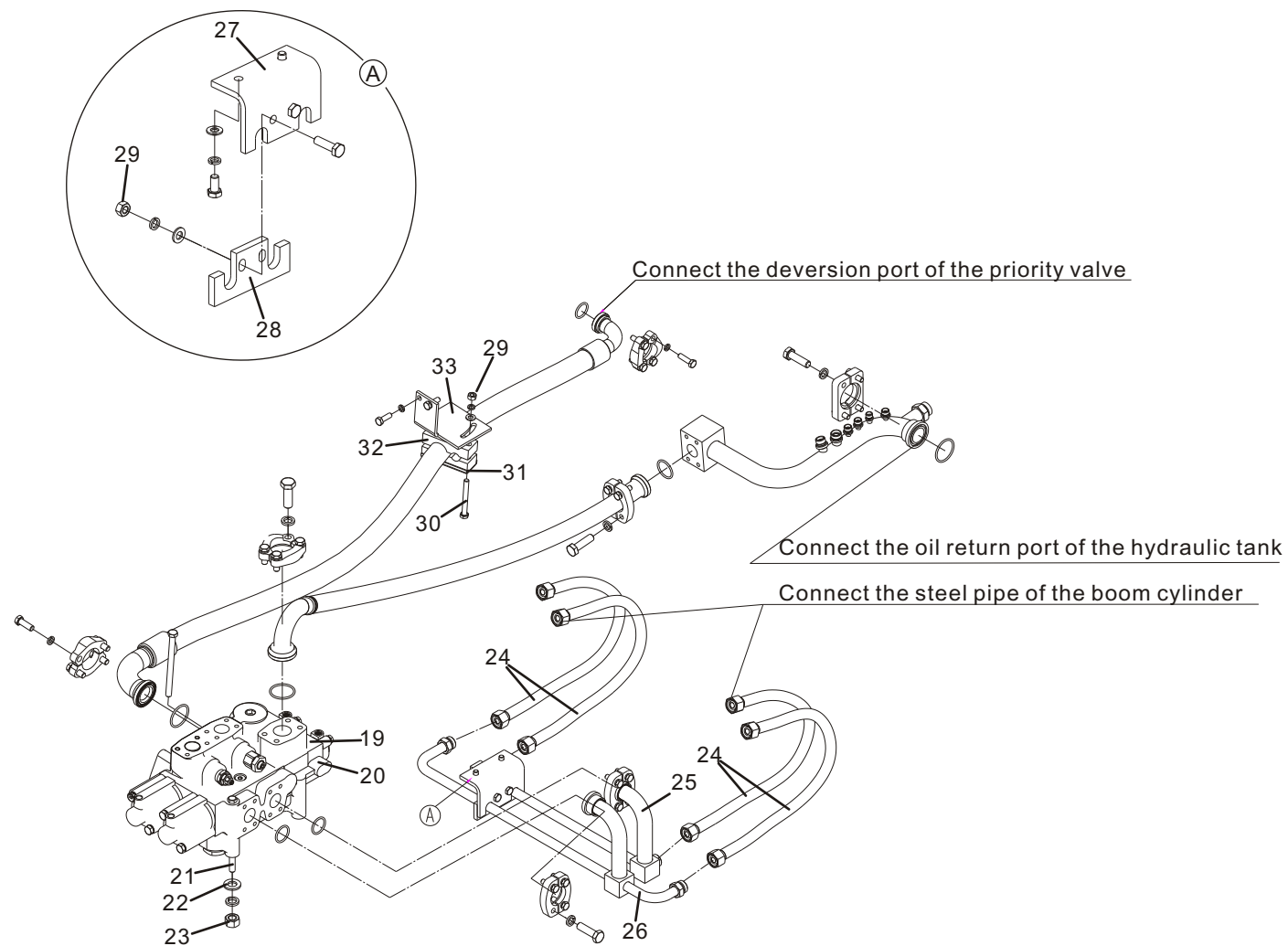
7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)



7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51401100107	垫圈10	Washer 10	28	GB/T93
2	51421100115	垫圈10	Washer 10	6	GB/T97.1
3	56900000401	O形圈32.92×3.53	O-ring 32.92×3.53	1	
4	51204101114	螺栓M10×25	Bolt M10×25	4	8.8 GB/T5783
5	51204101314	螺栓M10×35	Bolt M10×35	22	8.8 GB/T5783
6	17601001218	法兰夹	Flange clip	2	
7	56900001001	O形圈37.69×3.53	O-ring 37.69×3.53	3	
8	51204111314	螺栓M12×35	Bolt M12×35	8	8.8 GB/T5783
9	30807100362	垫圈12	Washer 12	11	GB/T93
10	17601001220	法兰夹	Flange clip	2	
11	17272011464	胶管总成	Hose assembly	1	
12	56900001101	O形圈47.22×3.53	O-ring 47.22×3.53	2	
13	51203113214	螺栓M12×160	Bolt M12×160	1	8.8 GB/T5782
14	30806100206	压板	Press plate	1	
15	60300000686	压板	Press plate	1	
16	30807000631	钢管焊合	Steel pipe welding	1	
17	30807000629	钢管总成	Steel pipe assembly	1	
18	17272012529	胶管总成	Hose assembly	1	

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

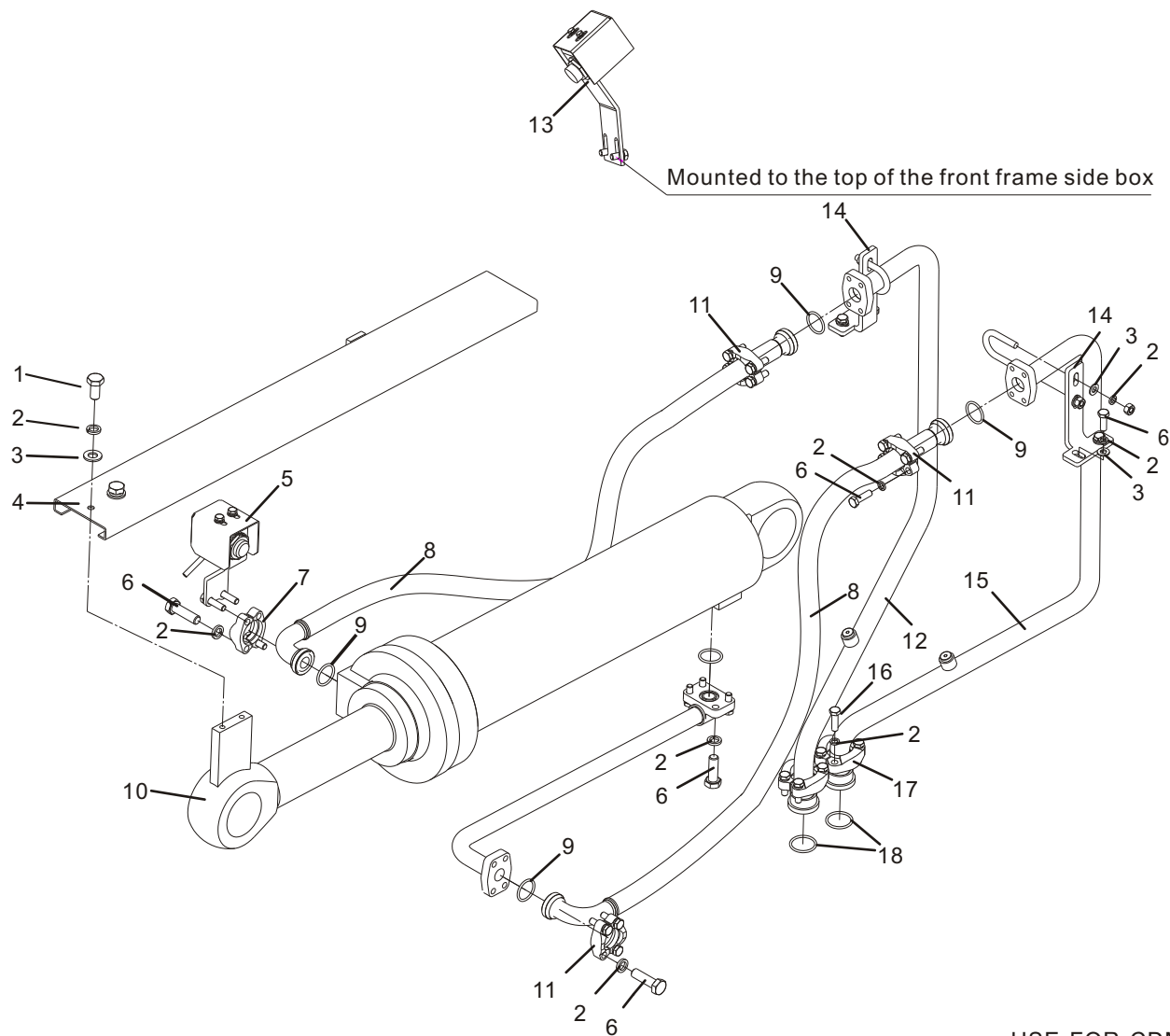


USE FOR CDM835EX.00I WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	60304000041	液控多路阀D32	Multi-way Hydraulic valve D32	1	
20	30807000560	先导操纵总成	Piolt control assembly	1	⇒ 77
21	51203113114	螺栓M12×180	Bolt M12×180	2	GB/T5782
22	51421110115	垫圈12	Washer 12	3	GB/T97.1
23	51307001119	螺母M12	Nut M12	3	GB/T6170
24	17272008271	胶管总成	Hose assembly	4	8.8
25	30893900120	钢管焊接	Steel pipe welding	1	
26	30893900119	钢管焊接	Steel pipe welding	1	8
27	30807101264	角铁	Angle iron	1	
28	30807101265	锁板	Lockplate	1	
29	51307001019	螺母M10	Nut M10	4	GB/T6170
30	51203102614	螺栓M10×100	Bolt M10×100	2	GB/T5782
31	30807100260	管夹压板	Press plate of pipe clamp	2	
32	30807100259	橡胶管夹	Pipe clamp	1	8
33	30807100424	固定板	Fixing plate	1	8.8

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

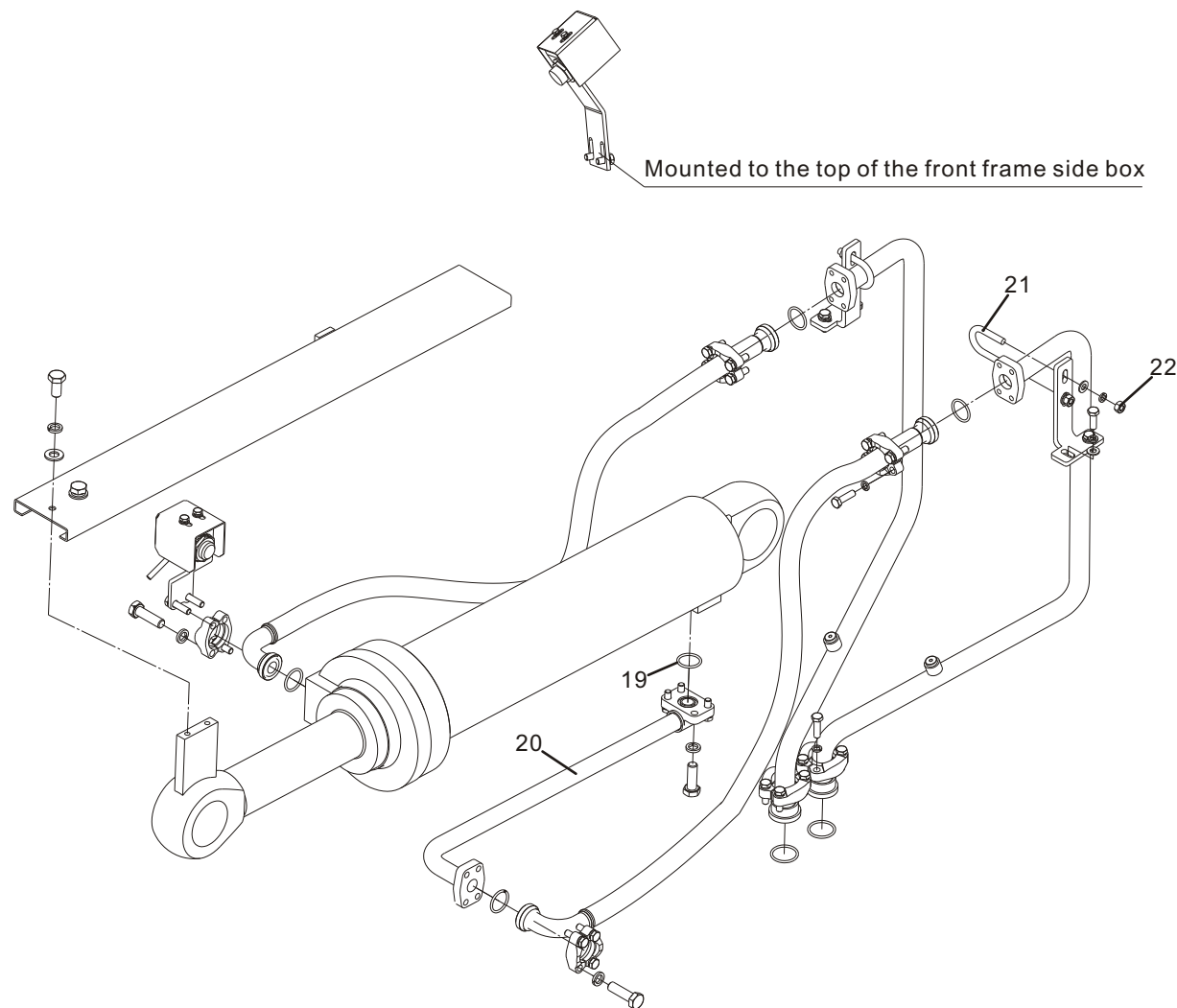


USE FOR CDM835EX.00I WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101014	螺栓M10×20	Bolt M10×20	8.8	2	GB/T5783
2	51401100107	垫圈10	Washer 10		38	GB/T93
3	51421100115	垫圈10	Washer 10		10	GB/T97.1
4	30807000520	转斗油缸保护板组件焊合	Welding of guard shield of bucket cylinder		1	
5	30807000538	转斗自动放平装置总成	Bucket automatic set level device assembly		1	⇒ 81
6	51204101214	螺栓M10×30	Bolt M10×30	8.8	22	GB/T5783
7	30807100264	压板	Press plate		1	
8	17272008272	胶管总成	Hose assembly		2	
9	56900000401	O形圈32.92×3.53	O-ring 32.92×3.53		4	
10	16608064540	油缸Φ140/Φ80	Oil tank Φ140/Φ80		1	⇒ 89
11	17601001217	法兰夹	Flange clip		3	
12	30893000396	钢管焊合	Steel pipe welding		1	
13	30807000540	动臂限位装置	Boom limit device		1	⇒ 83
14	30807100926	固定板	Fixing plate		2	
15	30893000397	钢管焊合	Steel pipe welding		1	
16	51204101314	螺栓M10×35	Bolt M10×35	8.8	8	GB/T5783
17	17601001218	法兰夹	Flange clip		2	
18	56900001001	O形圈37.69×3.53	O-ring37.69×3.53		2	

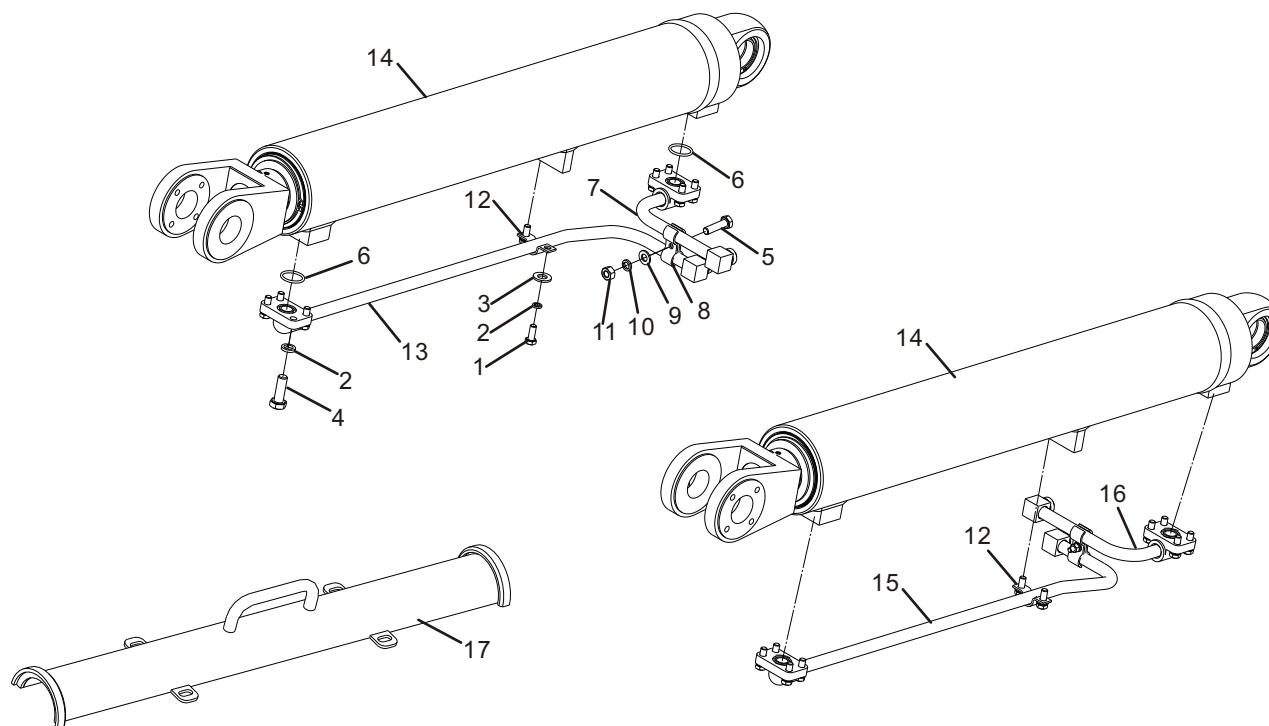
7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)



USE FOR CDM835EX.00I WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

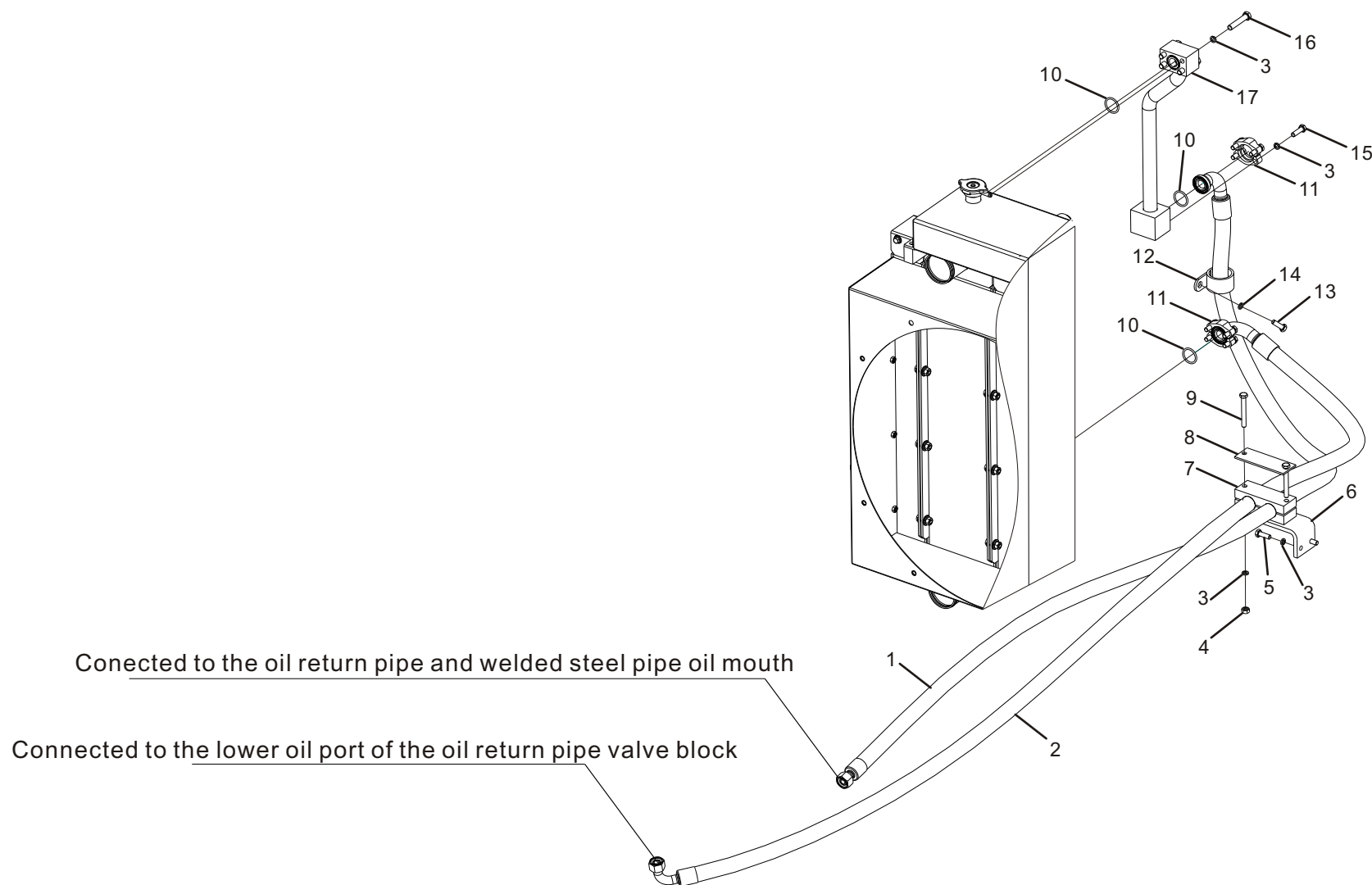


USE FOR CDM835EX.00I WHEEL LOADER

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900316)

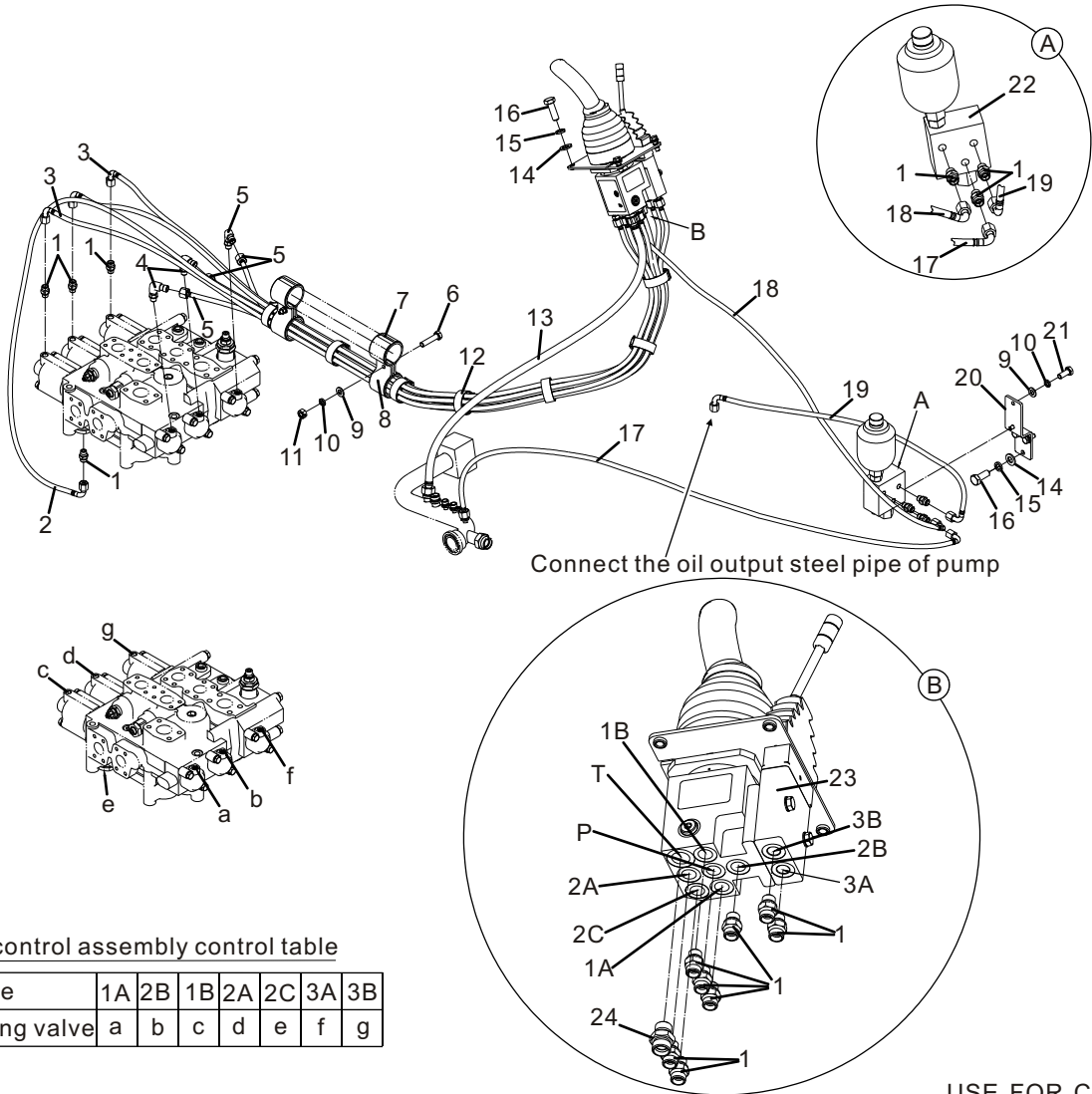
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101014	螺栓M10×20	Bolt M10×20	8.8	6	GB/T5783
2	51401100107	垫圈10	Washer 10		22	GB/T93
3	51421100115	垫圈10	Washer 10		4	GB/T97.1
4	51204101214	螺栓M10×30	Bolt M10×30	8.8	16	GB/T5783
5	51204091214	螺栓M8×30	Bolt M8×30	8.8	2	GB/T5783
6	56900000201	O形圈24.99×3.53	O-ring 24.99×3.53		4	
7	30893900117	钢管焊合	Steel pipe welding		1	
8	30807100190	动臂缸进出油管管夹	Boom cylinder inlet/outlet pipe clip		4	
9	51421090115	垫圈8	Washer 8		2	GB/T97.1
10	51401090107	垫圈8	Washer 8		2	GB/T93
11	51307000919	螺母M8	Nut M8	8	2	GB/T6170
12	30807100363	管夹	Tube clip		2	
13	30893900116	钢管焊合	Steel pipe welding		1	
14	16608062340	油缸Φ125/Φ70	Oil tank Φ125/Φ70		2	⇒  93
15	30893900228	钢管焊合	Steel pipe welding		1	
16	30893900167	钢管焊合	Steel pipe welding		1	
17	30807000157	动臂缸支撑架总成	The support frame of boom cylinder		2	

7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303\30807900316)



7 工作液压系统 IMPLEMENT HYDRAULIC SYSTEM (30807900303\30807900316)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	17272011458	胶管总成	Hose assembly		1	
2	17272012269	胶管总成	Hose assembly		1	
3	51401100107	垫圈10	Washer 10		16	GB/T93
4	51307001019	螺母M10	Nut M10	8	2	GB/T6170
5	51204101114	螺栓M10×25	Bolt M10×25	8.8	2	GB/T5783
6	30807101000	固定板	Fixing plate		1	
7	30807101001	橡胶管夹	Pipe clamp		1	
8	30807101002	压板	Press plate		1	
9	51204102214	螺栓M10×80	Bolt M10×80	8.8	2	GB/T5783
10	56900000401	O形圈32.92×3.53	O-ring 32.92×3.53		3	
11	17601001217	法兰夹	Flange clip		2	
12	60911013717	线夹40	Wire clamp 40		1	
13	51204091014	螺栓M8×20	Bolt M8×20	8.8	1	GB/T5783
14	51401090107	垫圈8	Washer 8		1	GB/T93
15	51204101214	螺栓M10×30	Bolt M10×30	8.8	8	GB/T5783
16	51203101914	螺栓M10×65	Bolt M10×65	8.8	4	GB/T5783
17	30893000350	钢管焊合	Steel pipe welding		1	

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000539)



Pilot control assembly control table

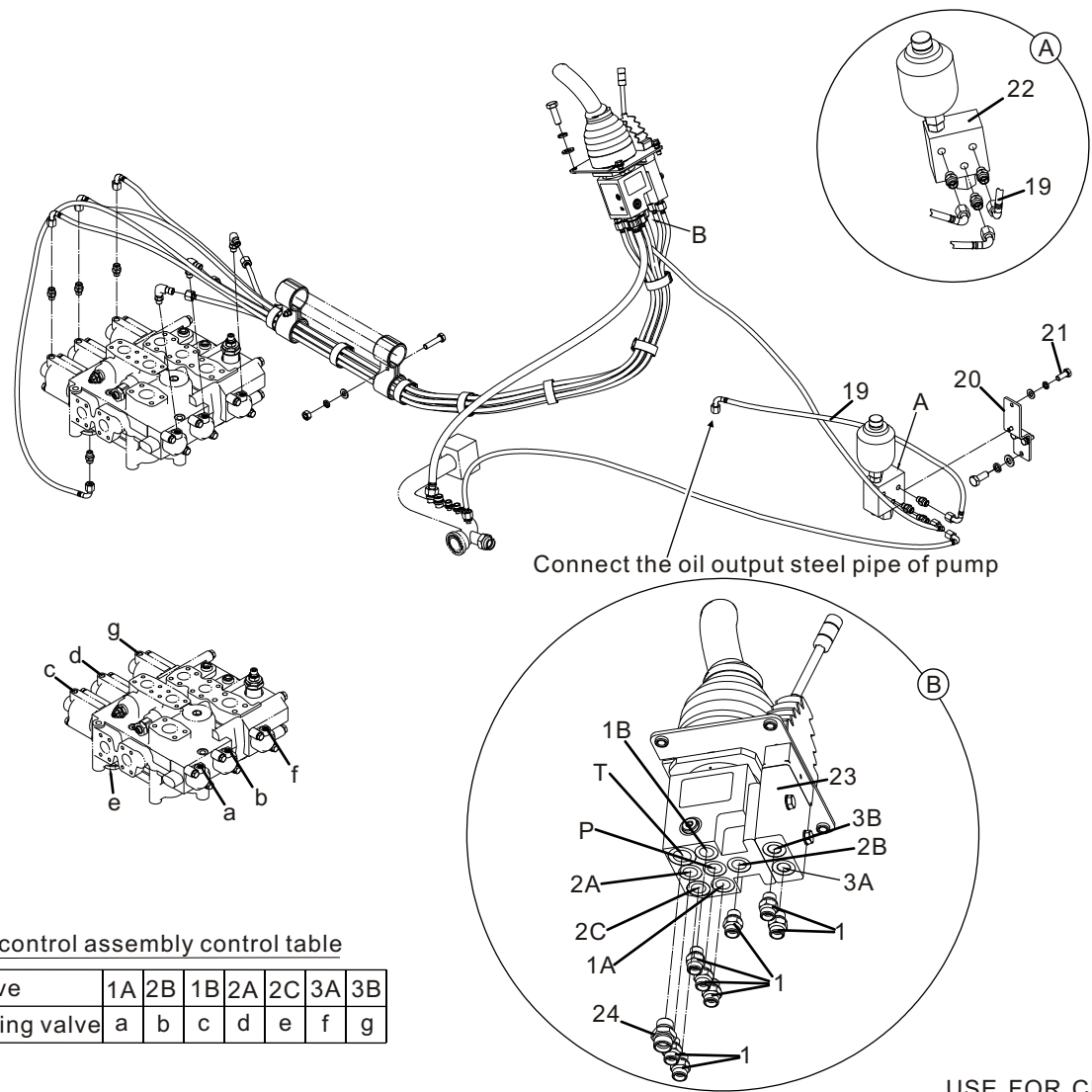
Pilot valve	1A	2B	1B	2A	2C	3A	3B
Distributing valve	a	b	c	d	e	f	g

USE FOR CDM835EV.00I WHEEL LOADER

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000539)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	17601001250	过渡接头	Transition connector	15	
2	17272011819	胶管总成	Hose assembly	1	
3	17272012000	胶管总成	Hose assembly	3	
4	17601001500	过渡接头	Transition connector	3	
5	17272012004	胶管总成	Hose assembly	3	
6	51204091214	螺栓M8×30	Bolt M8×30	2	8.8 GB/T5783
7	60922010042	橡胶垫	Rubber pad	4	
8	30807100566	管夹	Tube clip	4	
9	51421090115	垫圈8	Washer 8	4	GB/T97.1
10	51401090107	垫圈8	Washer 8	4	GB/T93
11	51307000919	螺母M8	Nut M8	2	8 GB/T6170
12	60900001335	快速释放扣扎带	Quick release buckle tie	7	
13	17272011476	胶管总成	Hose assembly	1	
14	51421100115	垫圈10	Washer 10	7	GB/T97.1
15	51401100107	垫圈10	Washer 10	7	GB/T93
16	51204101114	螺栓M10×25	Bolt M10×25	7	8.8 GB/T5783
17	17272011418	胶管总成	Hose assembly	1	
18	17272009885	胶管总成	Hose assembly	1	

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY(30807000539)



Pilot control assembly control table

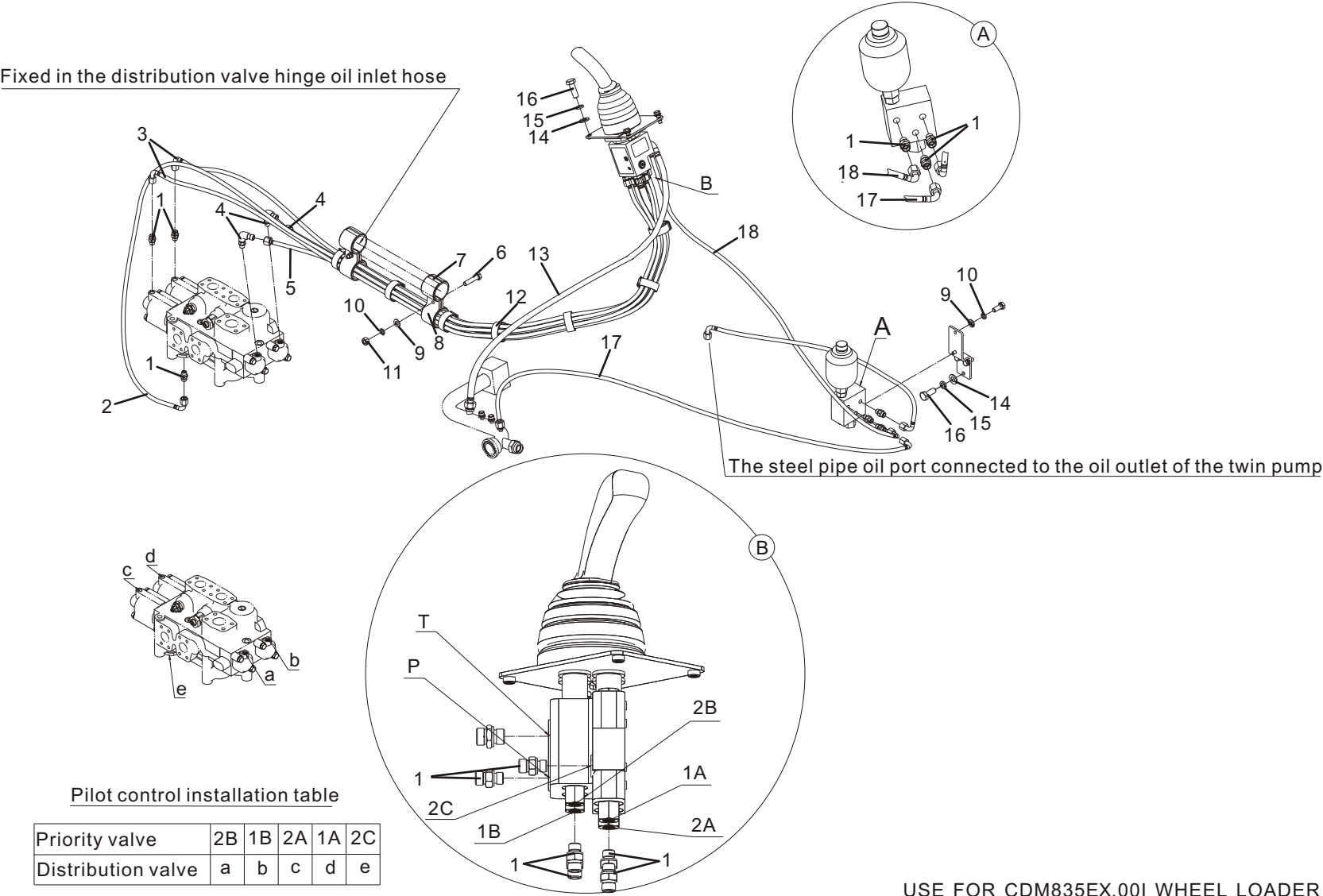
Pilot valve	1A	2B	1B	2A	2C	3A	3B
Distributing valve	a	b	c	d	e	f	g

USE FOR CDM835EV.00I WHEEL LOADER

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000539)

[illegible]

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000560)



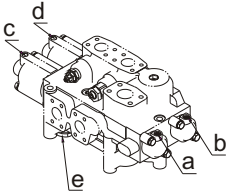
USE FOR CDM835EX.00I WHEEL LOADER

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000560)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	17601001250	过渡接头	Transition connector	15	
2	17272012088	胶管总成	Hose assembly	1	
3	17272012000	胶管总成	Hose assembly	3	
4	17601001500	过渡接头	Transition connector	3	
5	17272012004	胶管总成	Hose assembly	3	
6	51204091214	螺栓M8×30	Bolt M8×30	2	8.8 GB/T5783
7	60922010042	橡胶垫	Rubber pad	4	
8	30807100566	管夹	Tube clip	4	
9	51421090115	垫圈8	Washer 8	4	GB/T97.1
10	51401090107	垫圈8	Washer 8	4	GB/T93
11	51307000919	螺母M8	Nut M8	2	8 GB/T6170
12	60900001335	快速释放扣扎带	Quick release buckle tie	7	
13	17272008248	胶管总成	Hose assembly	1	
14	51421100115	垫圈10	Washer 10	7	GB/T97.1
15	51401100107	垫圈10	Washer 10	7	GB/T93
16	51204101114	螺栓M10×25	Bolt M10×25	7	8.8 GB/T5783
17	17272011463	胶管总成	Hose assembly	1	
18	17272008261	胶管总成	Hose assembly	1	

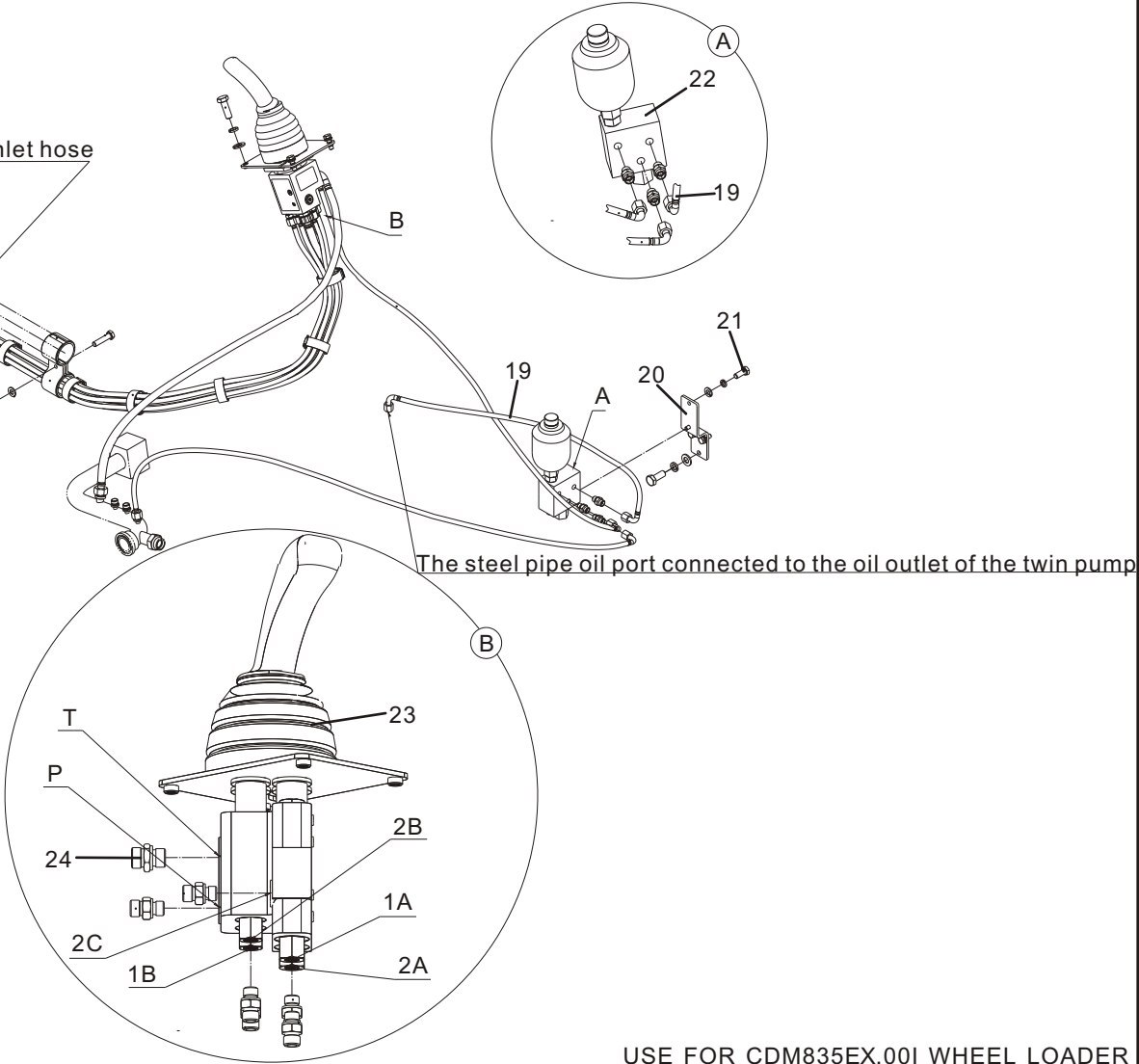
7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000560)

Fixed in the distribution valve hinge oil inlet hose



Pilot control installation table

Priority valve	2B	1B	2A	1A	2C
Distribution valve	a	b	c	d	e

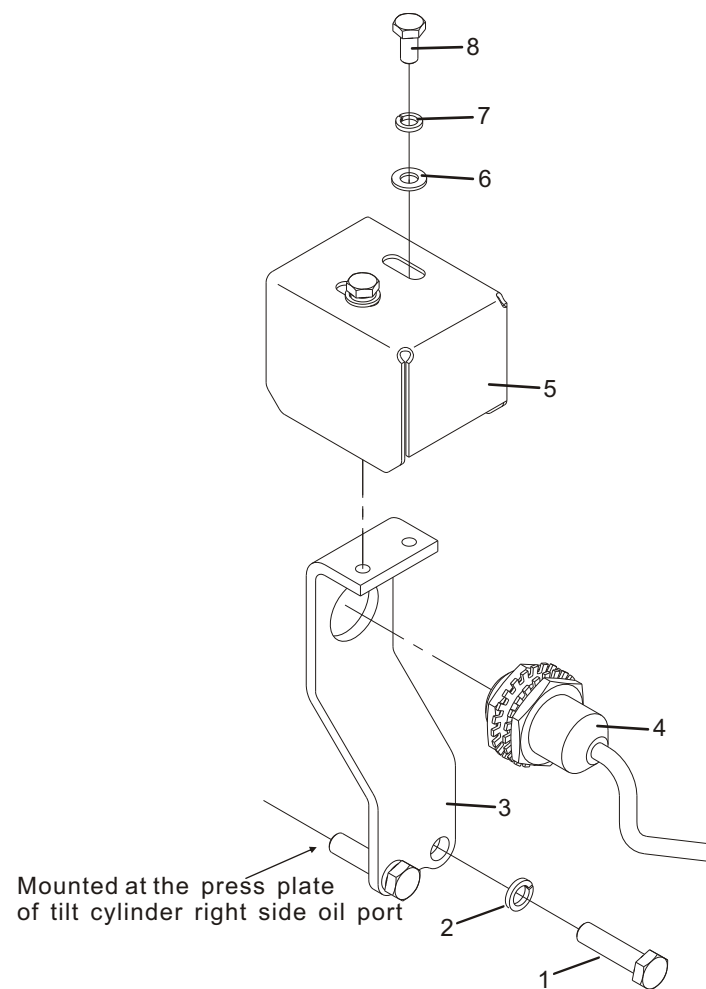


USE FOR CDM835EX.00I WHEEL LOADER

7.1 先导操纵总成 PIOLT CONTROL ASSEMBLY (30807000560)

[illegible]

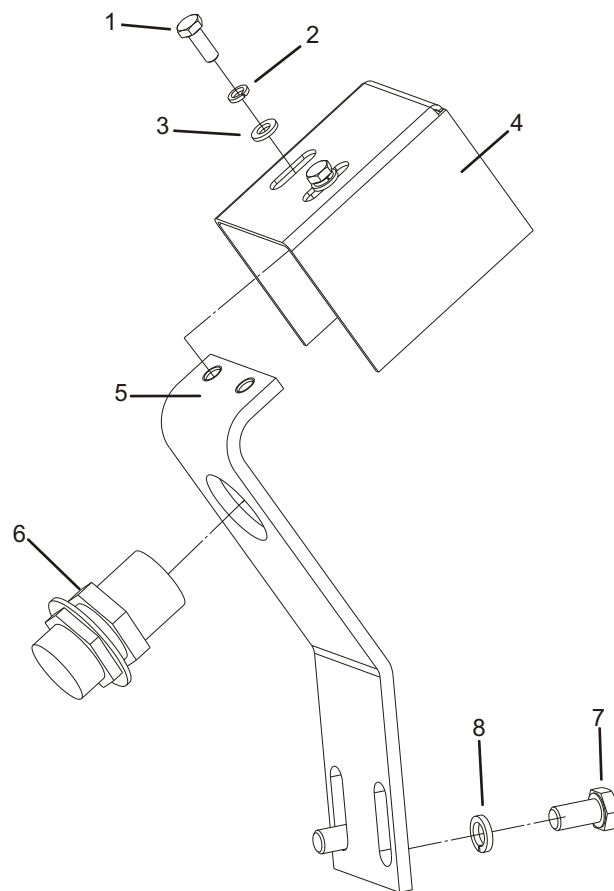
7.2 转斗自动放平总成 BUCKET AUTOMATIC SET LEVEL DEVICE ASSEMBLY(30807000538)



7.2 转斗自动放平总成 BUCKET AUTOMATIC SET LEVEL DEVICE ASSEMBLY(30807000538)

[illegible]

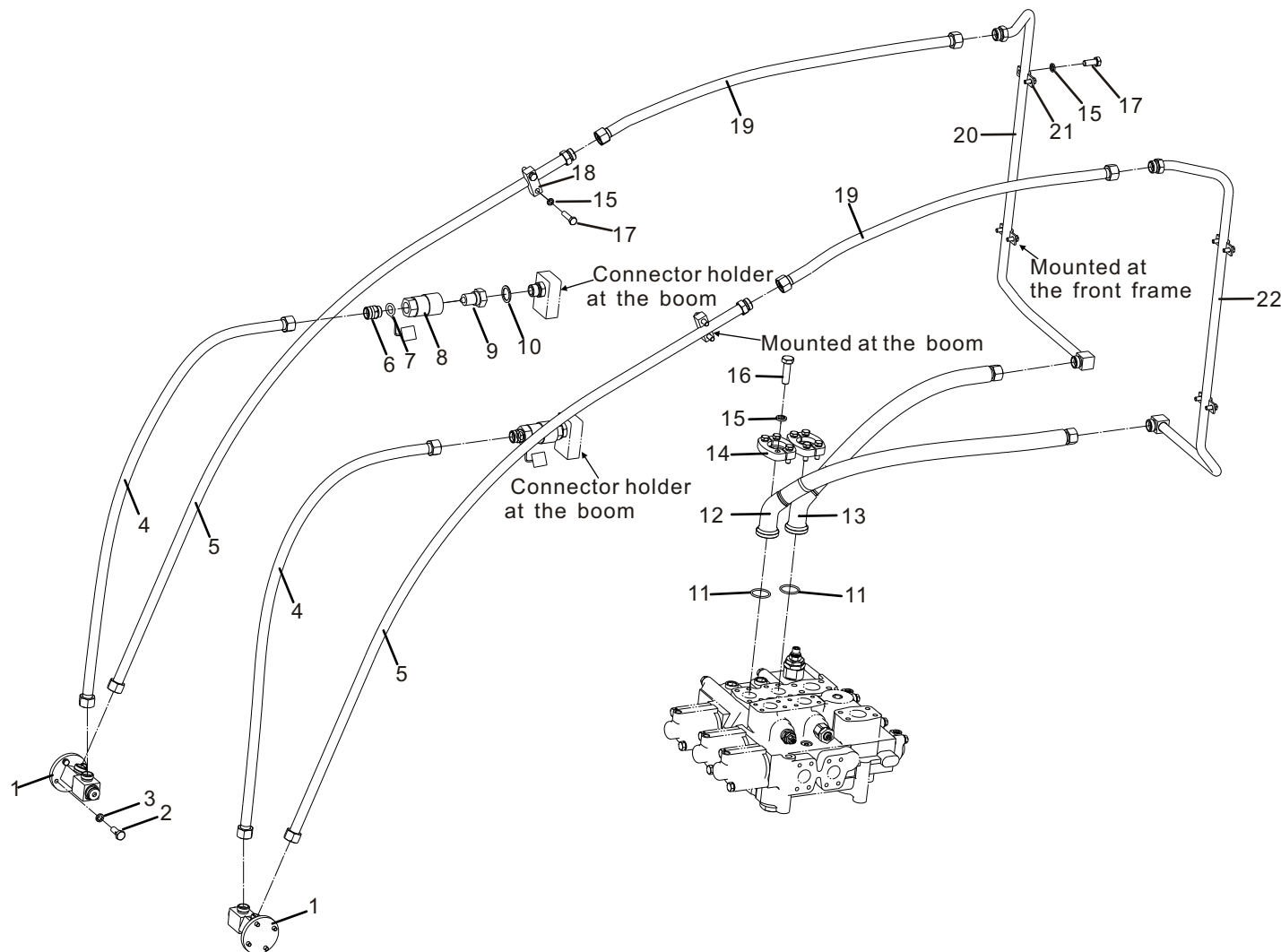
7.3 动臂提升限位装置总成 BOOM LIFTING LIMIT DEVICE ASSEMBLY (30807000540)



7.3 动臂提升限位装置总成 BOOM LIFTING LIMIT DEVICE ASSEMBLY (30807000540)

[illegible]

7.4 第三联管路总成 THIRD PIPELINE ASSEMBLY (30807000368)

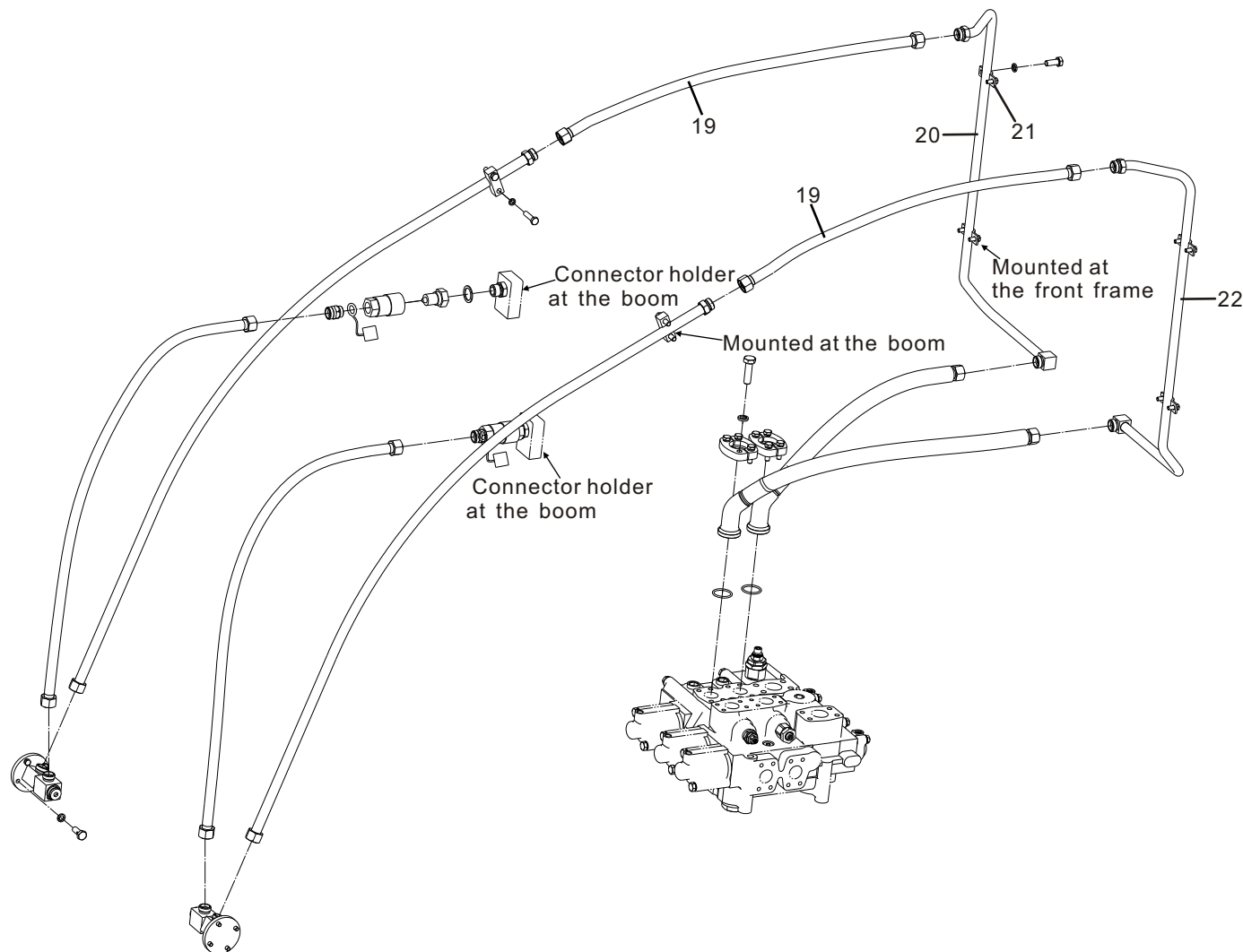


USE FOR CDM835EV.001 WHEEL LOADER

7.4 第三联管路总成 THIRD PIPELINE ASSEMBLY (30807000368)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	17601001316	旋转接头组	Swivel joint assembly	2	
2	51204091014	螺栓M8×20	Bolt M8×20	8	GB/T5783
3	51401090107	垫圈8	Washer 8	8	GB/T93
4	17272004035	胶管总成	Hose assembly	2	
5	30893900299	钢管焊合	Steel pipe welding	2	
6	17601001300	过渡接头	Transition connector	2	
7	60980000070	防尘帽	Dust cap	2	
8	60911011854	快卸阴接头	Quick-change female joint	2	
9	60911012292	快卸阳接头	Quick-change male joint	2	
10	56901000601	垫圈27	Washer 27	4	JB/T966
11	56900000401	O形圈37.69×3.53	O-ring 37.69×3.53	2	AS568
12	17272004154	胶管总成	Hose assembly	1	
13	17272004162	胶管总成	Hose assembly	1	
14	30807100834	压板	Press plate	2	
15	51401100107	垫圈10	Washer 10	20	GB/T93
16	51204101314	螺栓M10×35	Bolt M10×35	8	GB/T5783
17	51204101414	螺栓M10×40	Bolt M10×40	4	GB/T5783
18	30807101832	管夹2	Pipe clamp 2	2	

7.4 第三联管路总成 THIRD PIPELINE ASSEMBLY (30807000368)

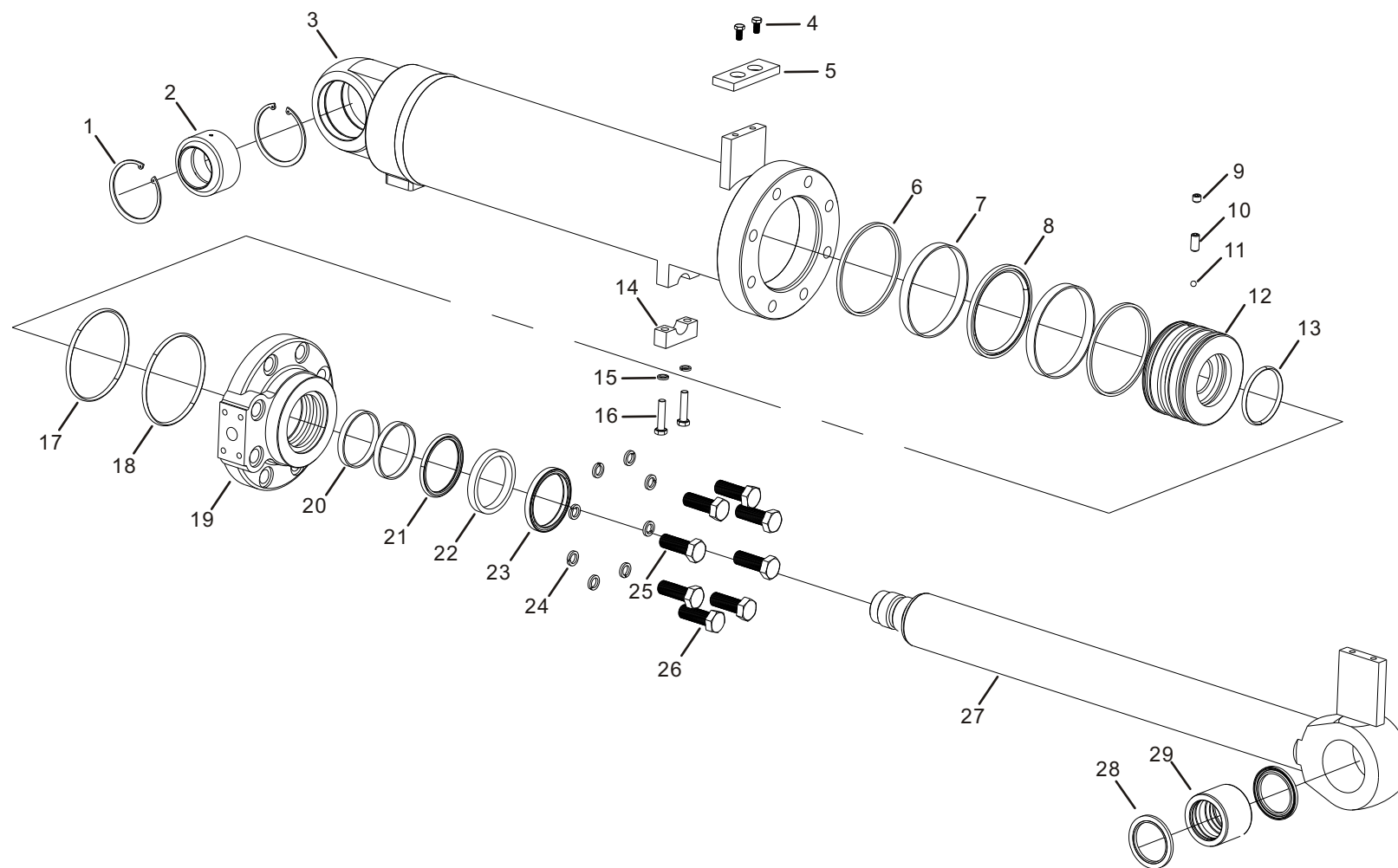


USE FOR CDM835EV.001 WHEEL LOADER

7.4 第三联管路总成 THIRD PIPELINE ASSEMBLY (30807000368)

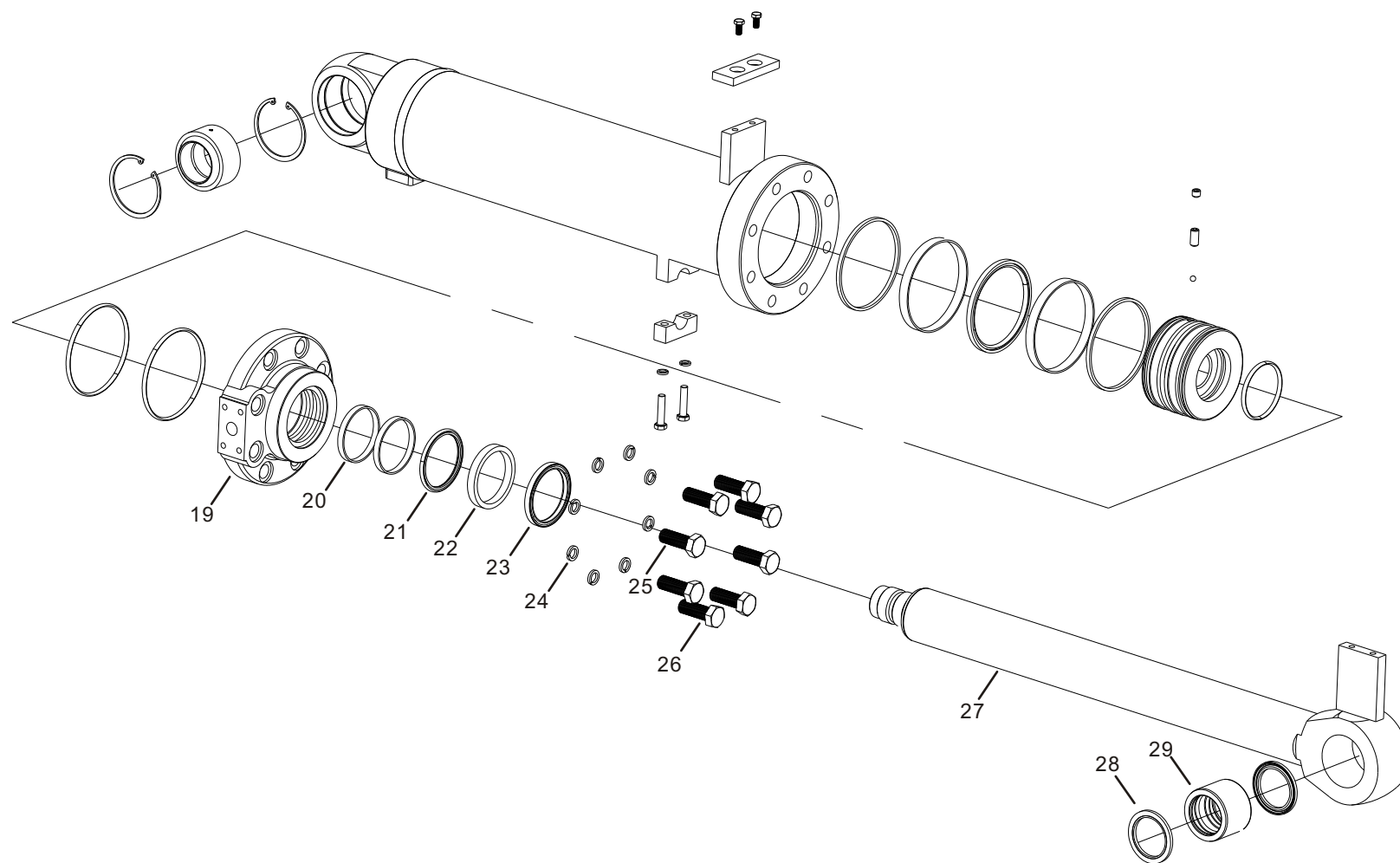
[illegible]

7.5 转斗油缸 TILT CYLINDER (16608064540)



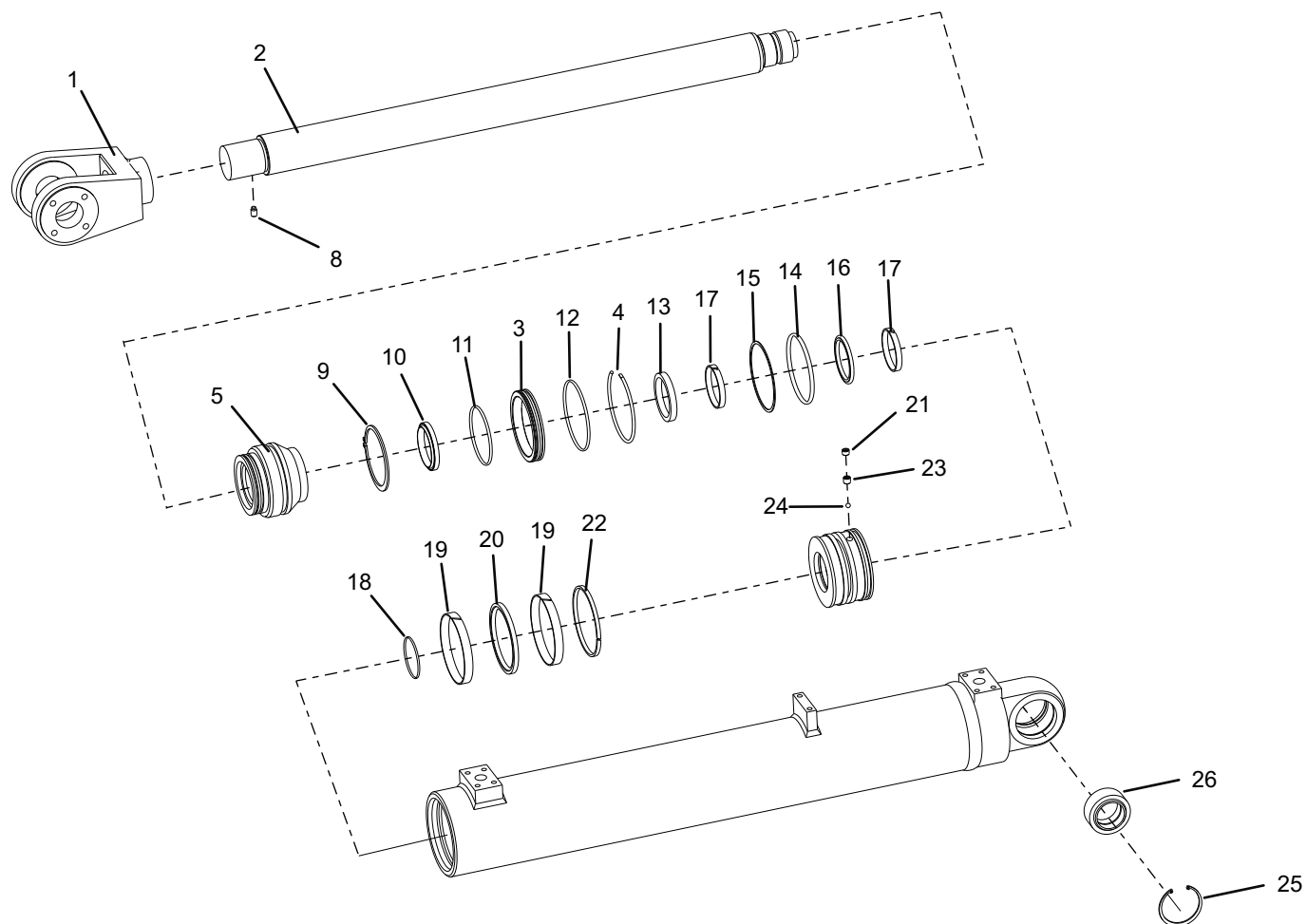
7.5 转斗油缸 TILT CYLINDER (16608064540)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51451580107	挡圈90	Retaining ring 90		2	GB/T893.1
2	52555000501	关节轴承GE60ES-C3	Joint bearing GE60ES-C3		1	GB/T8879
3	36608460010	缸体	Cylinder body		1	CDM835EIII.07.01.10
4	51204090914	螺栓M8×16	Bolt M8×16	8.8	2	GB/T5783
5	36608260010	导板	Guide board		1	ZL50F-710005
6	56200000701	纳污环140×132×6.2	Contaminant exclusion seal 140×132×6.2		2	
7	56199000901	支承环135×140×15	Support ring135×140×15		2	
8	56189000701	活塞密封圈140×119×8	Piston seal ring 140×119×8		1	
9	51106231607	螺钉M12×10	Screw M12×10		1	GB/T77
10	51106233007	螺钉M12×28	Screw M12×28		1	GB/T77
11	52900000402	钢球8	Steal ball 8		1	GB/T308
12	36608020100	活塞	Piston		1	ZL30-710003C
13	56900005503	O形圈78.74×5.33	O-ring 78.74×5.33		1	AS568
14	36608260200	压块	Press block		1	CDM835EIII.07.01-01
15	51401100107	垫圈10	Washer 10		2	GB/T93
16	51204101518	螺栓M10×45	Bolt M10×45	10.9	2	GB/T5783
17	56908002504	O形圈139.4×3.1	O-ring 139.4×3.1		1	JISB2401
18	56900005803	O形圈129.54×5.33	O-ring 129.54×5.33		1	AS568

7.5 转斗油缸 TILT CYLINDER (16608064540)



7.5 转斗油缸 TILT CYLINDER (16608064540)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	36608030320	导向套	Guide sleeve		1	ZL30-710002A
20	56199003001	支承环80×85×9.7	Support ring 80×85×9.7		2	
21	56188001002	缓冲圈80×95.5×6.3	Buffer ring 80×95.5×6.3		1	
22	56187002101	轴用密封圈80×95×12.5	Shaft seal ring 80×95×12.5		1	
23	56185000801	防尘圈80×90×7	Scraper seal 80×90×7		1	
24	51401150107	垫圈20	Washer 20		8	GB/T93
25	51210157214	螺栓M20×1.5×75	Bolt M20×1.5×75	8.8	2	GB/T5785
26	51210151714	螺栓M20×1.5×55	Bolt M20×1.5×55	8.8	6	GB/T5785
27	36608040870	活塞杆组件	Piston rod groupware		1	ZL30-712000A
28	56186001301	防尘圈60×80×5	Scraper seal 60×80×5		2	
29	36608090180	轴套	Shaft sleeve		1	ZL30-710004A

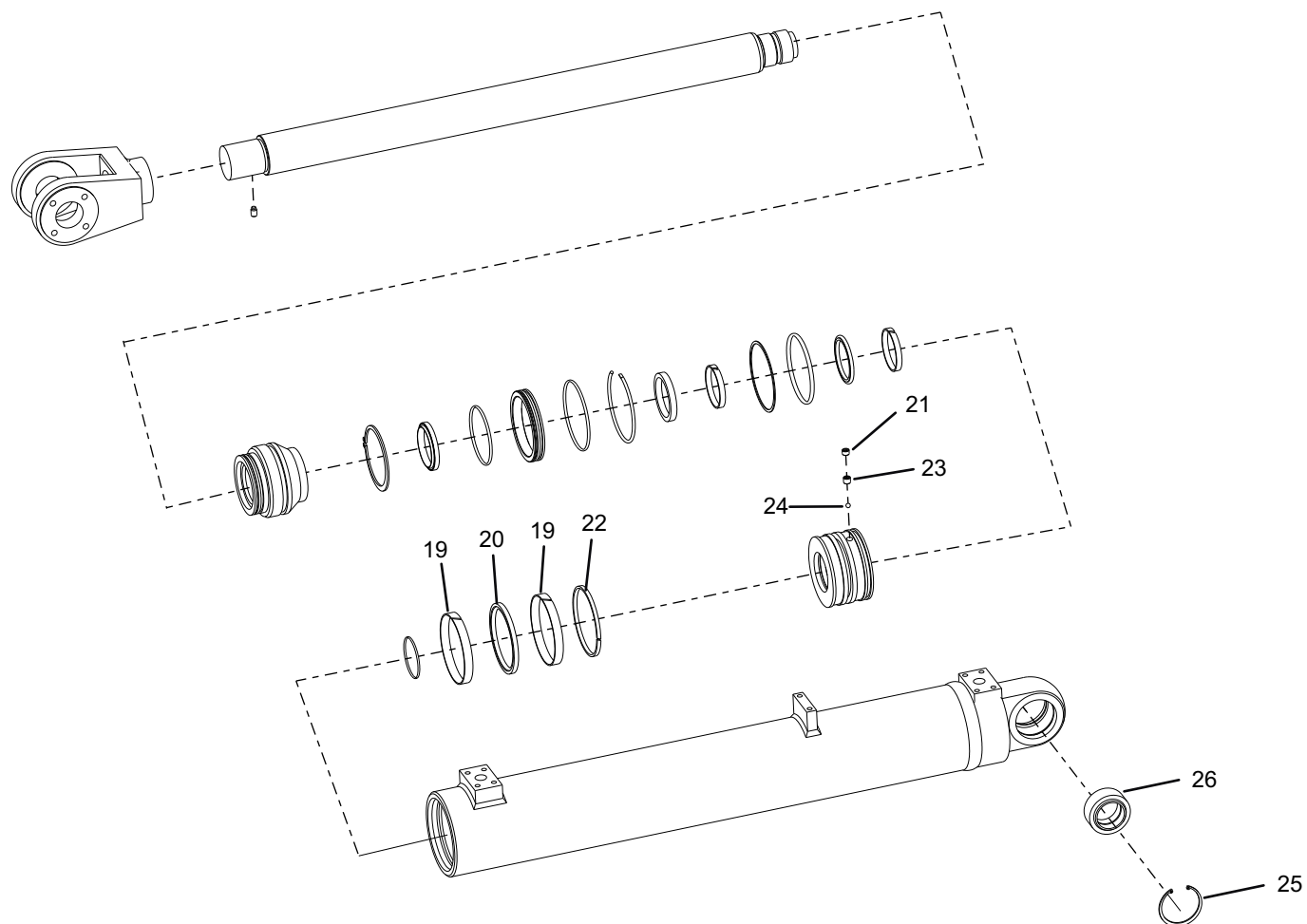
7.6 动臂油缸 LIFT CYLINDER (16608062340)



7.6 动臂油缸 LIFT CYLINDER (16608062340)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	36608240170	拉杆头ZG270-500(35)	Straining beam ZG270-500(35)	1	ZL30-720001B-Z
2	36608040890	活塞杆45	Piston rod 45	1	ZL30-720002B
3	36608080030	环45	Ring 45	1	ZL30-720005B
4	36608110050	弹簧挡圈	Spring retainer	1	ZL30-720006
5	36608030330	导向套	Guide sleeve	1	ZL30-720003B
6	36608020090	活塞45	Piston 45	1	ZL30-720004C
7	36608011780	缸体	Cylinder body	1	ZL30-721000CA
8	51108221907	螺钉M10 × 16	Screw M10 × 16	1	GB/T79
9	56185000701	防尘圈70 × 80 × 7	Dust ring 70 × 80 × 7	1	AY 070A P5008
10	51453640107	挡圈105	Circlip 105	1	GB/T894.1
11	56900000903	O形圈98.02 × 3.53	O-ring 98.02 × 3.53	1	AS568
12	56900005203	O形圈117.07 × 3.53	O-ring 117.07 × 3.53	1	AS568
13	56187001901	轴用密封圈70 × 85 × 12.5	Shaft seal ring 70 × 85 × 12.5	1	
14	56900005703	O形圈113.67 × 5.33	O-ring 113.67 × 5.33	1	AS568
15	56192001001	挡圈116.3 × 125 × 1.5	Circlip 116.3 × 125 × 1.5	1	
16	56188003702	缓冲圈70 × 85.5 × 6.3	Bumper ring 70 × 85.5 × 6.3	1	
17	56199002601	支承环70 × 75 × 9.7	Support ring 70 × 75 × 9.7	2	
18	56900004106	O形圈69.52 × 2.62	O-ring 69.52 × 2.62	1	AS568

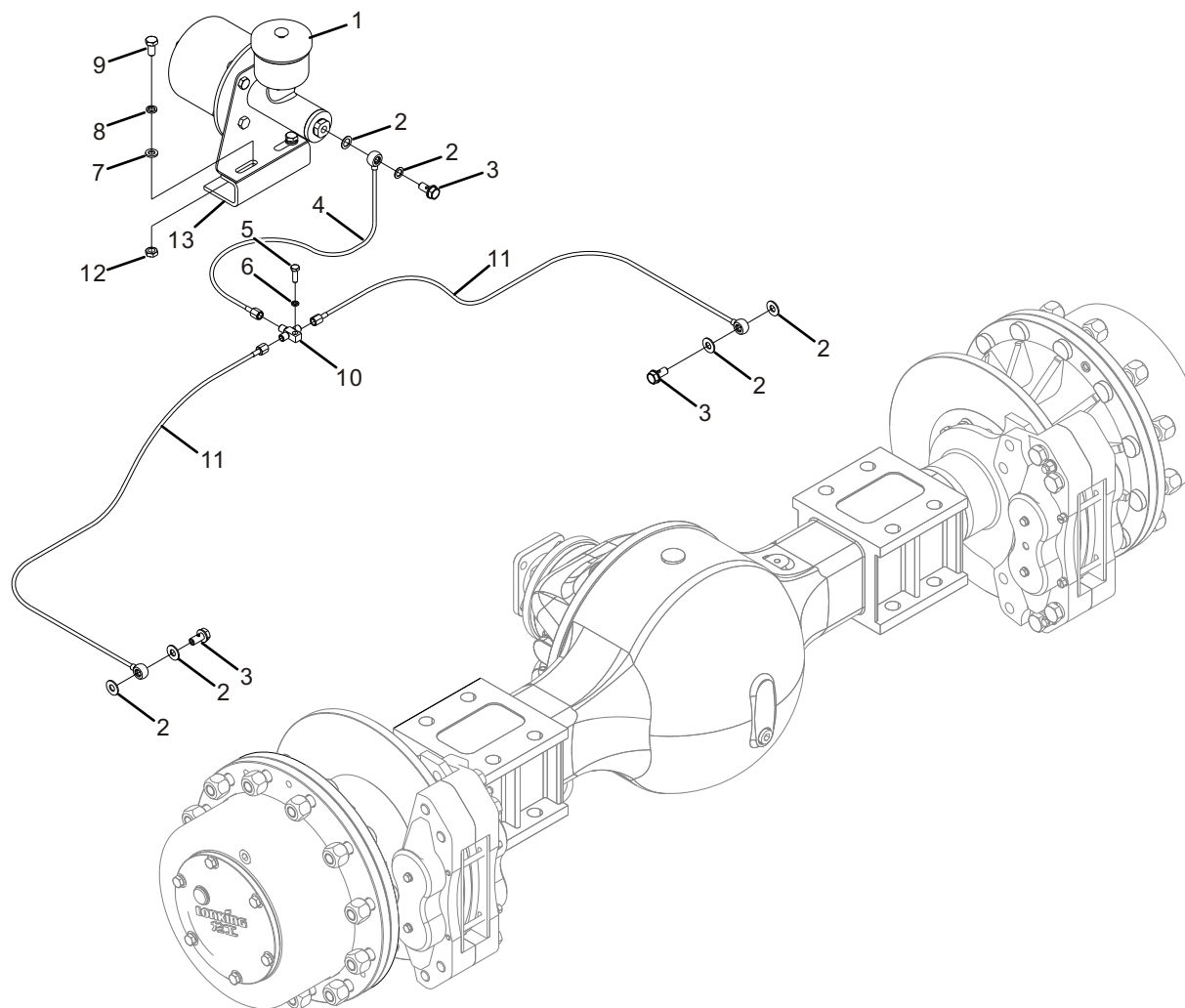
7.6 动臂油缸 LIFT CYLINDER (16608062340)



7.6 动臂油缸 LIFT CYLINDER (16608062340)

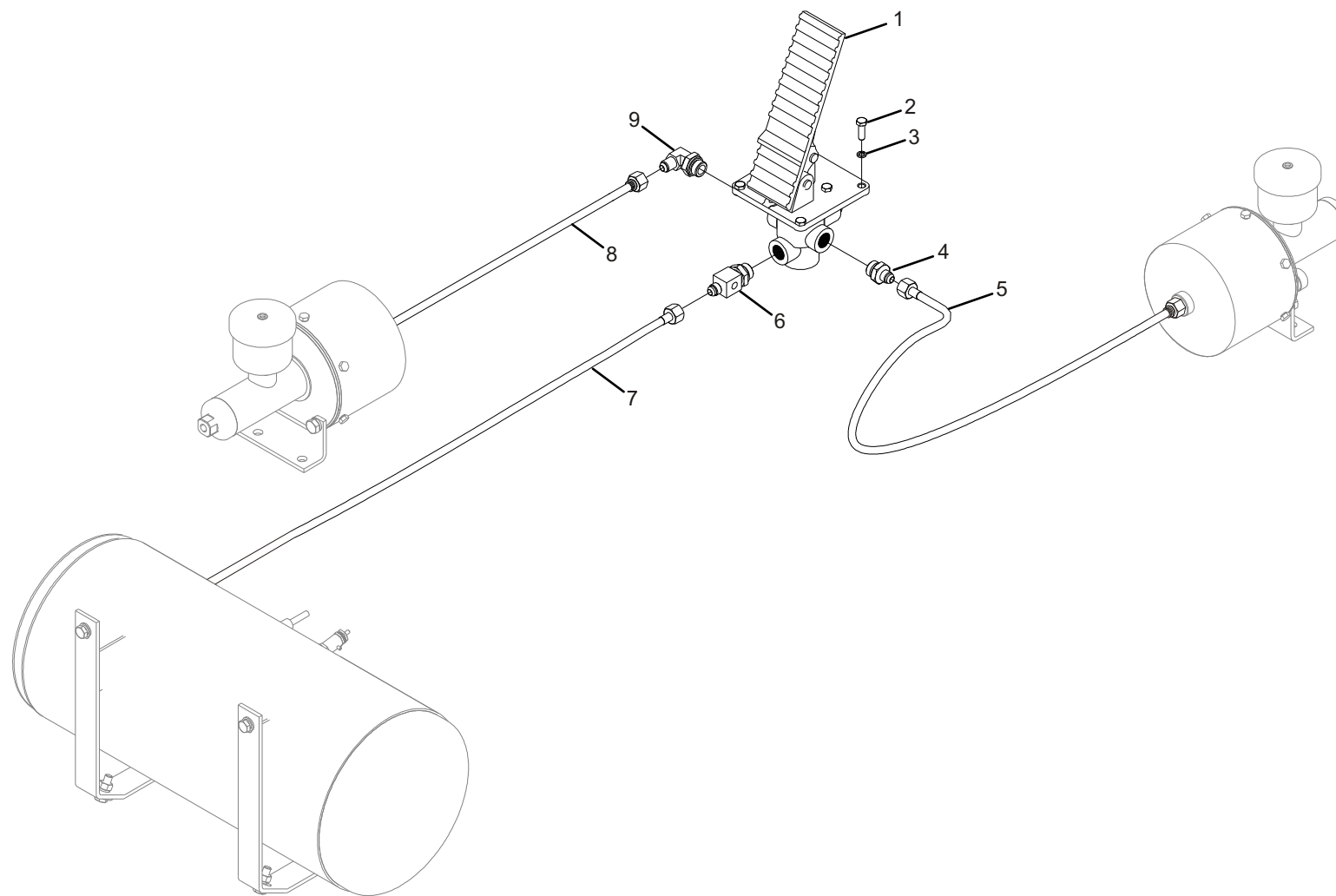
[illegible]

8.1 前加力泵管路装配总成 FRONT BOOSTER PIPELINE INSTALLATION ASSEMBLY (30808900097)



8.1 前加力泵管路装配总成 FRONT BOOSTER PIPELINE INSTALLATION ASSEMBLY (30808900097)

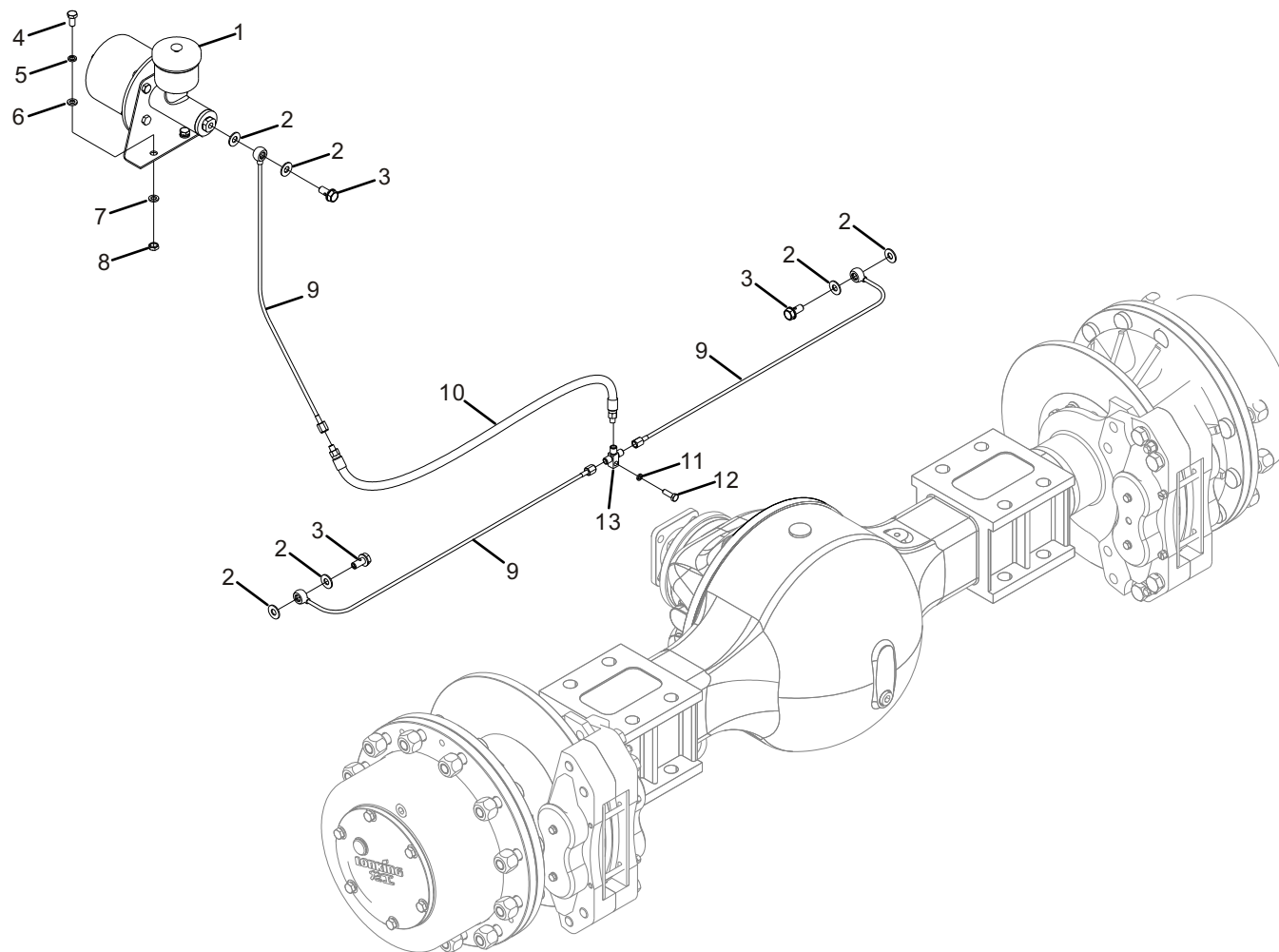
序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60301000040	加力泵	Booster pump	1	
2	30808100054	垫圈	Washer	6	
3	30808101089	联接螺栓	Connecting bolt	3	
4	30893900024	后加力泵出油管	Oil outlet tube of rear booster	1	
5	51204091114	螺栓M8×25	Bolt M10×25	1	8.8 GB/T5783
6	51401090107	垫圈8	Washer 8	1	GB/T93
7	51421100115	垫圈10	Washer 10	4	GB/T97.1
8	51401100107	垫圈10	Washer 10	4	GB/T93
9	51204101114	螺栓M10×25	Nut M10×25	4	8.8 GB/T5783
10	30808100014	三通接头	Tee fitting	1	
11	30893900021	前加力泵出油管	Oil outlet tube of front booster	2	
12	51307001019	螺母M10	Bolt M10	2	8
13	30808000049	前加力泵安装支座	Mounting bracket of front booster	1	

8.2 制动阀管路装配总成 BRAKE VALVE PIPELINE INSTALLATION ASSEMBLY (30808900097)

8.2 制动阀管路装配总成 BRAKE VALVE PIPELINE INSTALLATION ASSEMBLY (30808900097)

[illegible]

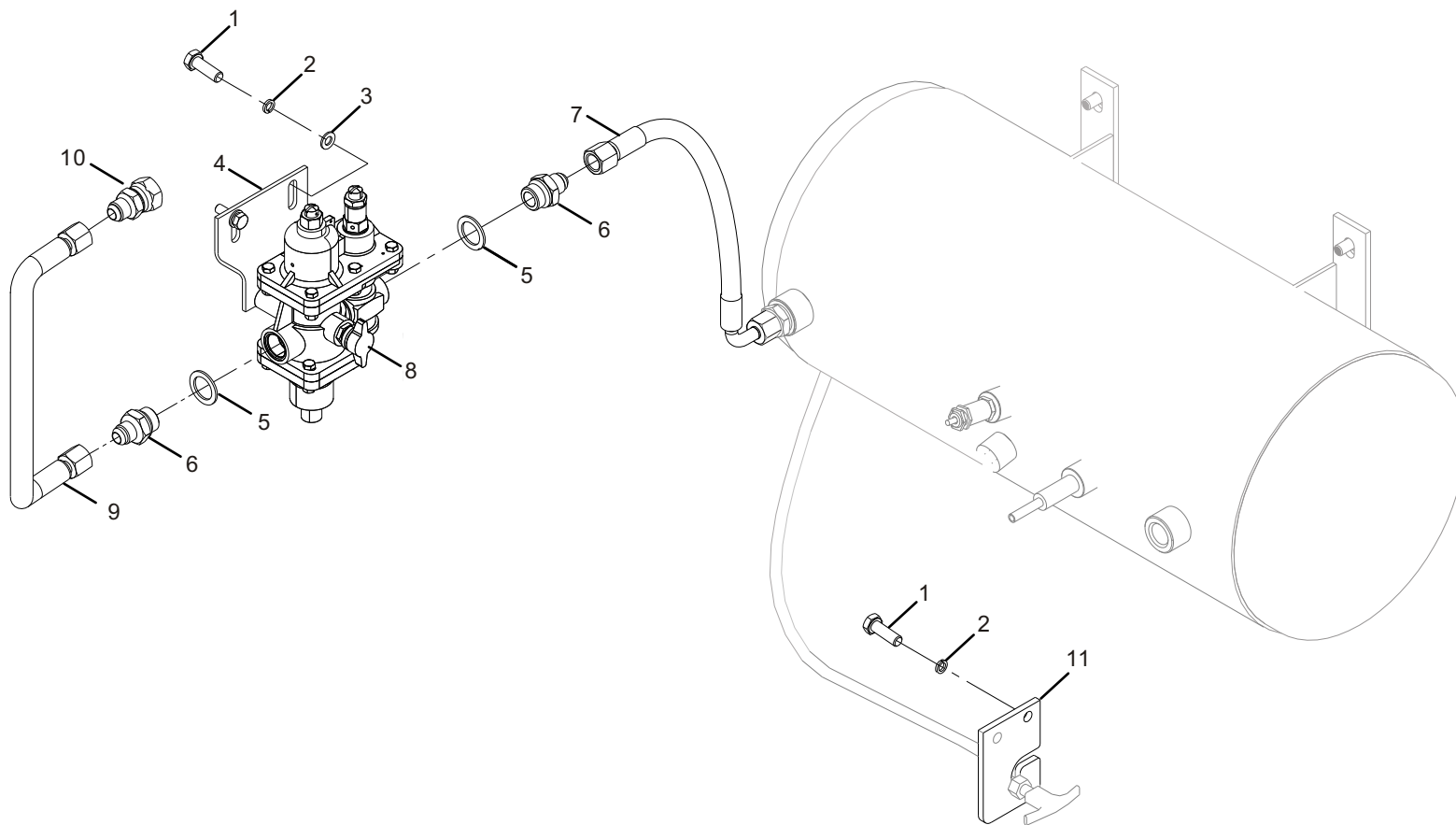
8.3 后加力泵装配总成 REAR BOOSTER INSTALLATION ASSEMBLY (30808900097)



8.3 后加力泵装配总成 REAR BOOSTER INSTALLATION ASSEMBLY (30808900097)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60301000040	加力泵	Booster pump		1	
2	30808100054	垫圈	Washer		6	
3	30808101089	联接螺栓	Connecting bolt		3	
4	51204101114	螺栓M10×25	Bolt M10×25	8.8	2	GB/T5783
5	51401100107	垫圈10	Washer 10		2	GB/T93
6	51421100115	垫圈10	Washer 10		2	GB/T97.1
7	51420100119	垫圈10	Washer 10		2	GB/T96.1
8	51307001019	螺母M10	Nut M10	8	2	GB/T6170
9	30893900024	钢管总成	Steel pipe assembly		3	
10	60911010174	制动软管总成	Brake hose assembly		1	
11	51401090107	垫圈8	Washer 8		1	GB/T93
12	51204091114	螺栓M8×25	Bolt M8×25	8.8	1	GB/T5783
13	30808100016	三通接头	Tee fitting		1	

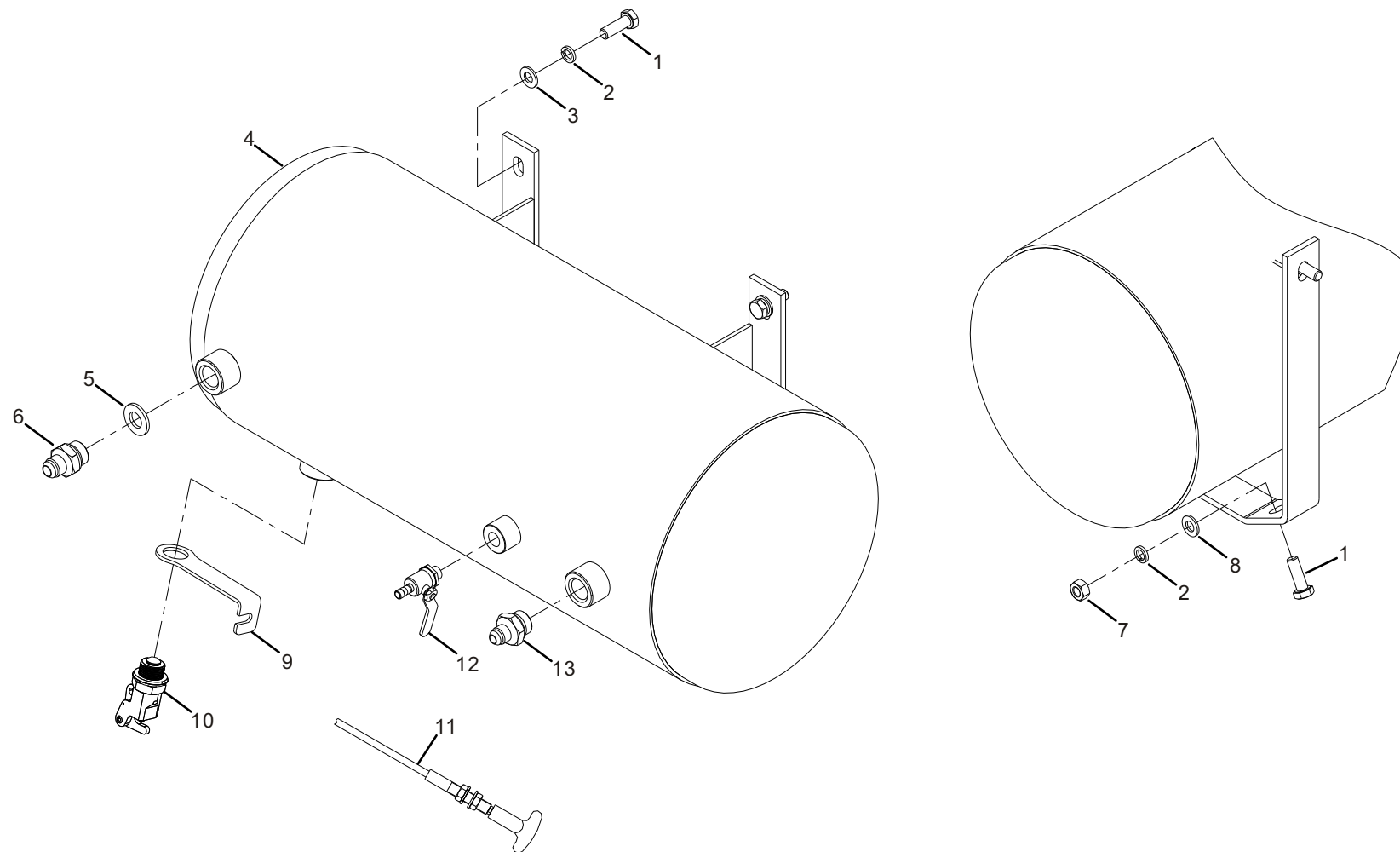
8.4 储气筒管路装配总成 AIR CYLINDER PIPELINE INSTALLATION ASSEMBLY (30808900097)



8.4 储气筒管路装配总成 AIR CYLINDER PIPELINE INSTALLATION ASSEMBLY (30808900097)

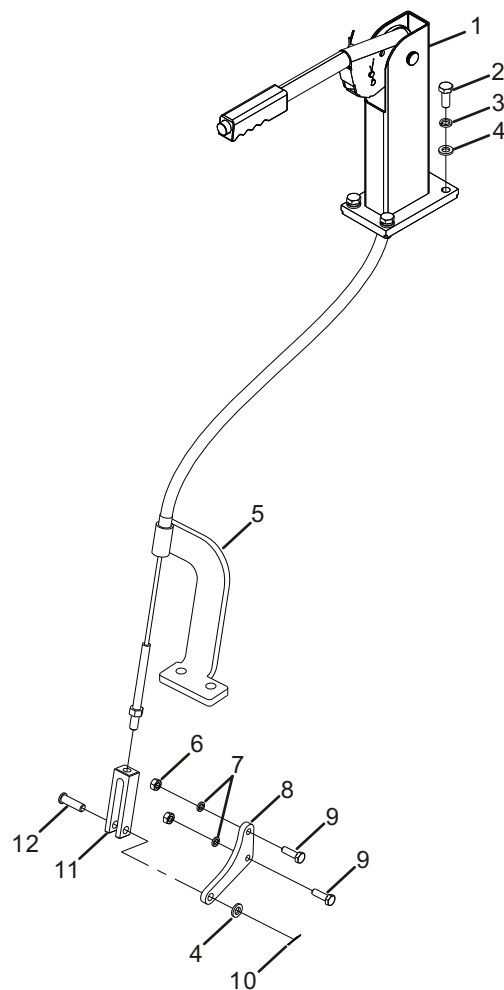
序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204091114	螺栓M8×25	Bolt M8×25	4	GB/T5783
2	51401090107	垫圈8	Washer 8	4	GB/T93
3	51421090115	垫圈8	Washer 8	2	GB/T97.1
4	30808100057	卸荷阀支架	Relief valve bracket	1	
5	56901000401	垫圈22	Washer 22	2	JB/T966
6	17601001275	过渡接头	Transition connector	2	
7	17272000179	胶管总成	Hose assembly	1	
8	60304000498	组合阀总成	Combination valve	1	
9	60911010172	钢丝软管总成	Hose assembly	1	
10	17601001359	过渡接头	Transition connector	1	
11	30808100177	固定板	Fixing plate	1	

8.5 储气筒装配总成 AIR CYLINDER INSTALLATION ASSEMBLY (30808900097)



8.5 储气筒装配总成 AIR CYLINDER INSTALLATION ASSEMBLY (30808900097)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101314	螺栓M10×35	Bolt M10×35	8.8	4	GB/T5783
2	51401100107	垫圈10	Washer 10		4	GB/T93
3	51421100115	垫圈10	Washer 10		2	GB/T97.1
4	30808000181	储气筒焊合	Air cylinder welding		1	
5	56901000401	垫圈22	Washer 22		1	JB/T966
6	17601001275	过渡接头	Transition connector		1	
7	51307001019	螺母M10	Nut M10	8	2	GB/T6170
8	51420100121	垫圈10	Washer 10		2	GB/T96.1
9	30808100178	软轴支架	Flexible shaft support		1	
10	60304000431	放水阀	Water drain valve		1	
11	60207020268	放水阀拉线	Backguy of discharge water valve		1	
12	60304000046	充气阀	Inflation valve		1	
13	17601001255	过渡接头	Transition connector		1	

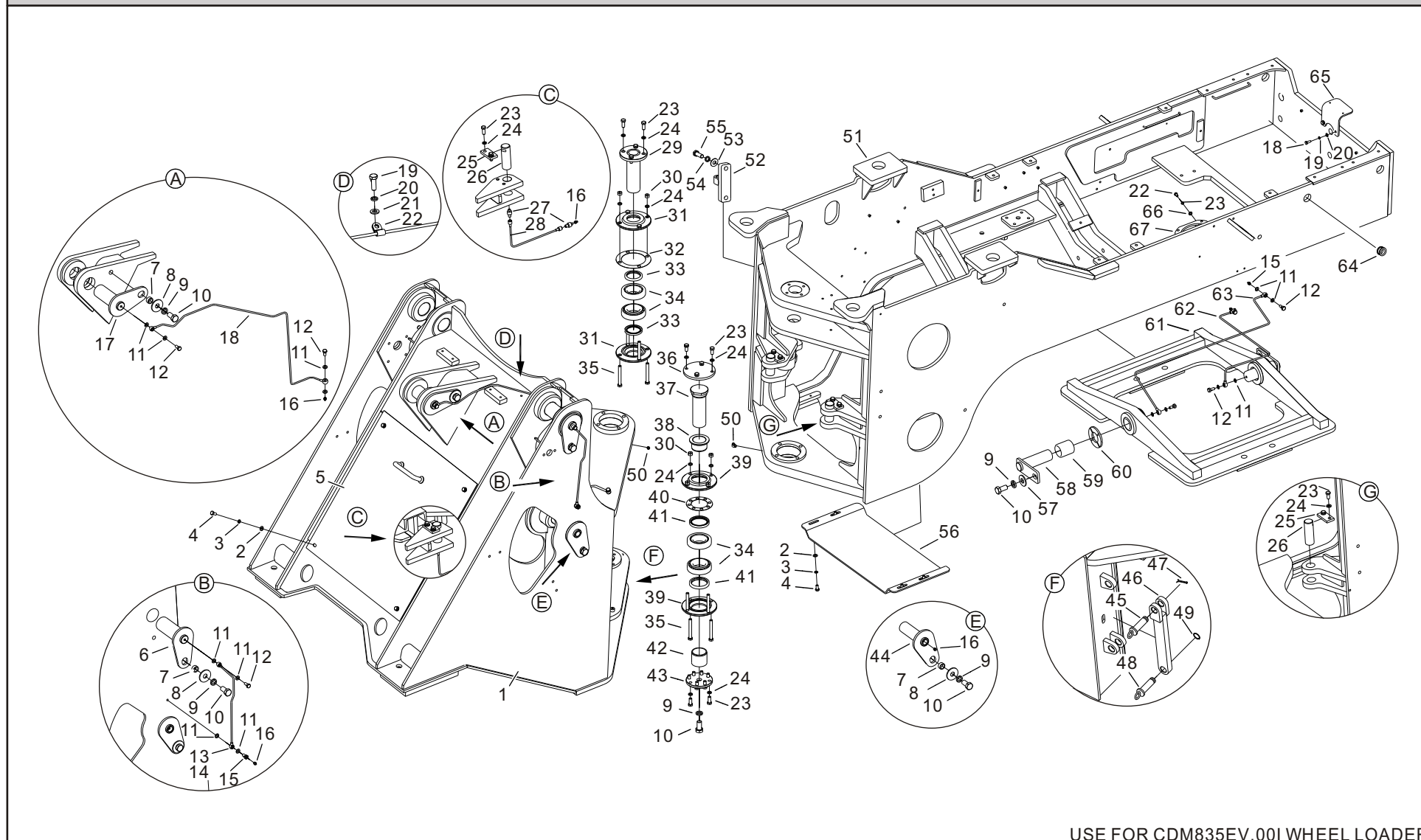
9 手制动系统 EMERGENCY AND PARKING BRAKE SYSTEM (30809900038)



9 手制动系统 EMERGENCY AND PARKING BRAKE SYSTEM (30809900038)

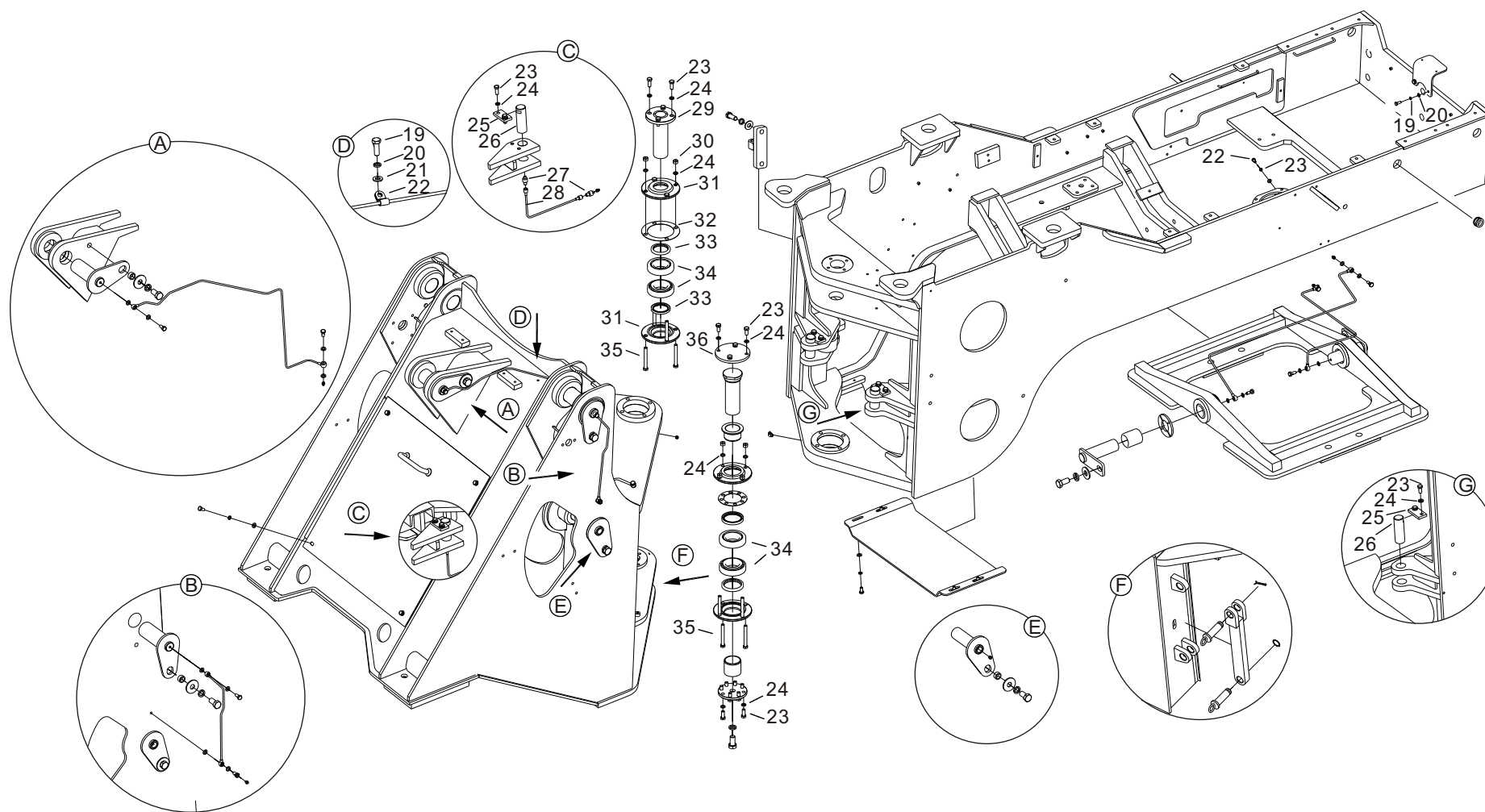
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60200000242	手刹总成	Manual brake assembly		1	
2	51204101114	螺栓M10×25	Bolt M10×25	8.8	4	GB/T5783
3	51401100107	垫圈10	Washer 10		4	GB/T93
4	51421100115	垫圈10	Washer 10		5	GB/T97.1
5	30809000568	手制动支架	Parking brake valve bracket		1	
6	51307000919	螺母M8	Nut M8	8	2	GB/T6170
7	51401090107	垫圈8	Washer 8		2	GB/T93
8	30809101373	曲柄	Crank		1	
9	51204091114	螺栓M8×25	Bolt M8×25	8.8	2	GB/T5783
10	51512170101	开口销3×30	Cotter pin 3×30		1	GB/T91
11	30809100017	软轴连接叉	Connection fork of flexible shaft		1	
12	51511061504	销轴10×35	Pin shaft 10×35		1	GB/T882B型

10 车架系统 FRAME ASSEMBLY (30810900313)



10 车架系统 FRAME ASSEMBLY (30810900313)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30810000903	前车架焊合	Front frame welding		1	
2	51421100115	垫圈10	Washer 10		8	GB/T97.1
3	51401100107	垫圈10	Washer 10		8	GB/T93
4	51204101014	螺栓M10×20	Bolt M10×20	8.8	8	GB/T5783
5	30810000834	盖板总成	Cover plate assembly		1	
6	30810000312	动臂上销轴焊合	Welding of boom upper pin shaft		2	
7	30811101305	套筒	Sleeve		5	
8	51420150121	垫圈20	Washer 20		7	GB/T96.1
9	51401150107	垫圈20	Washer 20		8	GB/T93
10	51204153714	螺栓M20×35	Bolt M20×35	8.8	8	GB/T5783
11	60980000179	垫圈10	Washer 10		20	
12	30893100787	通油螺栓	Oil bolt		8	
13	30810000816	动臂上销轴注油管焊合(左)	Welding of filler pipe of pin shaft of boom (left)		1	
14	30810000817	动臂上销轴注油管焊合(右)	Welding of filler pipe of pin shaft of boom (right)		1	
15	30810102330	油嘴螺栓	Flow nipple bolt		2	
16	56201000301	油杯M10×1	Oil cup M10×1		9	JB/T7940.1
17	30810000740	转斗缸后销轴焊合	Welding of rear pin shaft of bucket cylinder		1	
18	30810000905	翻斗缸后销轴注油管总成	Filler pipe assembly of bucket cylinder rear pin shaft		1	

10 车架系统 FRAME ASSEMBLY (30810900313)

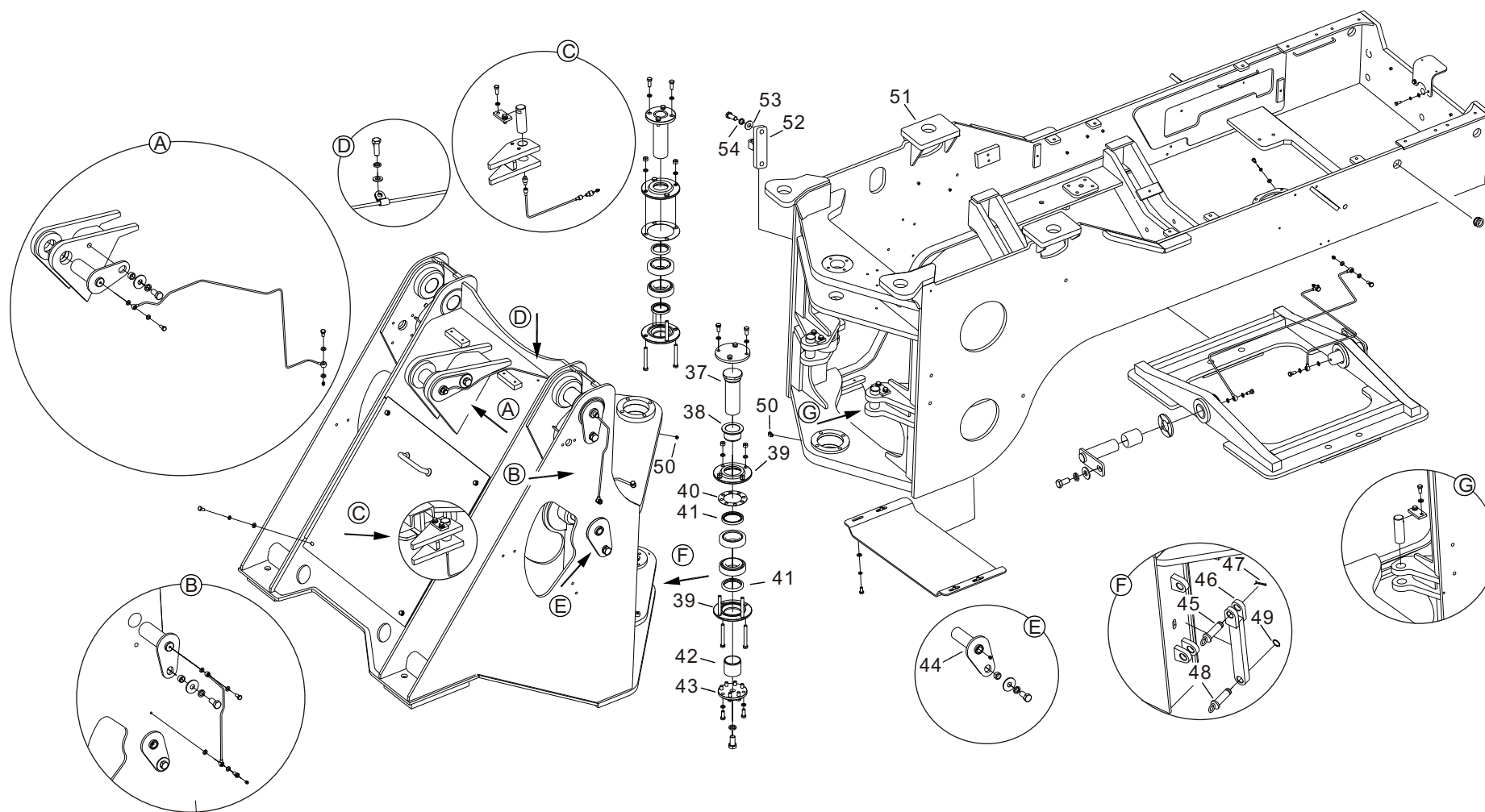


USE FOR CDM835EV.001 WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900313)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	51204091014	螺栓M8×20	Bolt M8×20	8.8	6	GB/T5783
20	51401090107	垫圈8	Washer 8		6	GB/T93
21	51421090115	垫圈8	Washer 8		6	GB/T97.1
22	60911010971	注油管夹总成	Filler pipe clip assembly		2	
23	51204111214	螺栓M12×30	Bolt M12×30	8.8	24	GB/T5783
24	51401110107	垫圈12	Washer 12		32	GB/T93
25	30810100792	卡板	Card board		3	
26	60905000041	转向销	Steering pin		4	
27	30893100633	注油接头	Feed connector		4	
28	30810000906	转向销注油管焊合	Welding of oil inlet pipe for steering pin shaft		2	
29	30890900376	上铰接销焊合	Articulated upper pin welding		1	
30	51307001119	螺母M12	Nut M12	8	8	GB/T6170
31	30810102340	轴承盖	Bearing cover		2	
32	60980000171	调整垫	Adjusting pad		2	
33	56161012301	密封圈FB60×80×12	Gasket ring FB60×80×12		2	GB/T13871.1
34	52324001001	轴承32212	Bearing 32212		4	GB/T297
35	51204112614	螺栓M12×100	Bolt M12×100	8.8	8	GB/T5783
36	30810102335	盖	Cover		1	

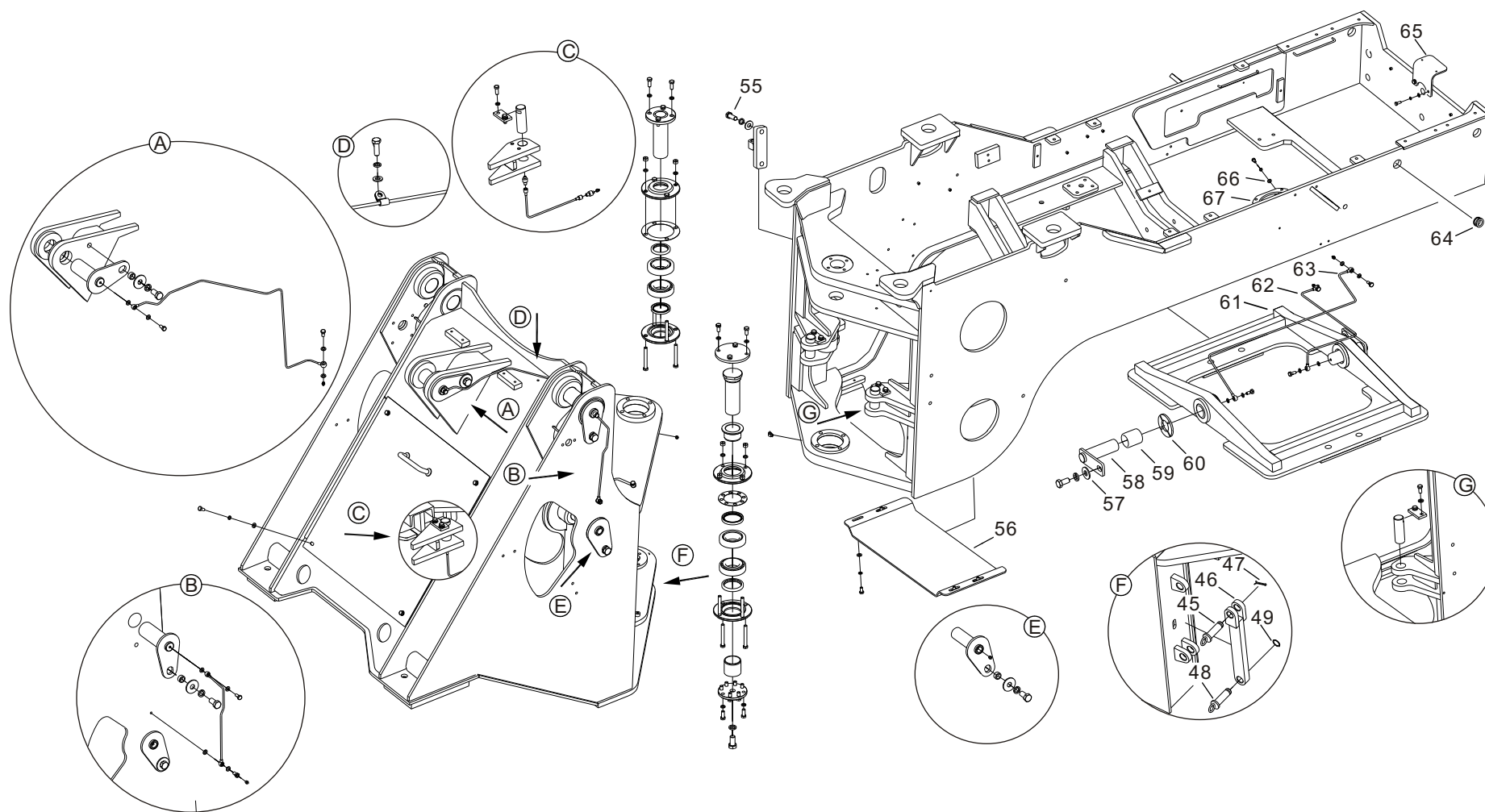
10 车架系统 FRAME ASSEMBLY (30810900313)



USE FOR CDM835EV.001 WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900313)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
37	30890100020	下铰接销	Lower articulated pin		1	
38	30810100994	轴套	Shaft sleeve	8.8	1	
39	30810102337	轴承盖	Bearing cover		2	
40	60980000170	调整垫	Adjusting pad		1	
41	56161012201	密封圈FB70×90×12	Gasket ring FB70×90×12		2	GB/T13871.1
42	30810100995	轴套	Shaft sleeve		1	
43	30810102338	端盖	End cover	8	1	
44	30810000313	动臂油缸销轴焊合	Welding of boom cylinder pin shaft		2	
45	30890900232	销轴焊合	Pin shaft welding		1	
46	30861000156	固定杆焊合	Fixing rod welding		1	
47	51536000101	双层复式弹簧开口销4×44	Double layer compound spring cotter pin 4×44		1	DIN 11024
48	30888100154	销轴	Pin shaft		1	
49	51453270107	挡圈30	Circlip 30		1	GB/T894.1
50	56202000301	油杯45°M10×1	Oil cup 45°M10×1		4	JB/T7940.2
51	30810000904	后车架焊合	Rear frame welding		1	
52	30810000562	油箱固定座焊合	Welding of oil tank fixing seat		2	
53	51421130115	垫圈16	Washer 16	8.8	4	GB/97.1
54	51401130107	垫圈16	Washer 16		4	GB/T93

10 车架系统 FRAME ASSEMBLY (30810900313)

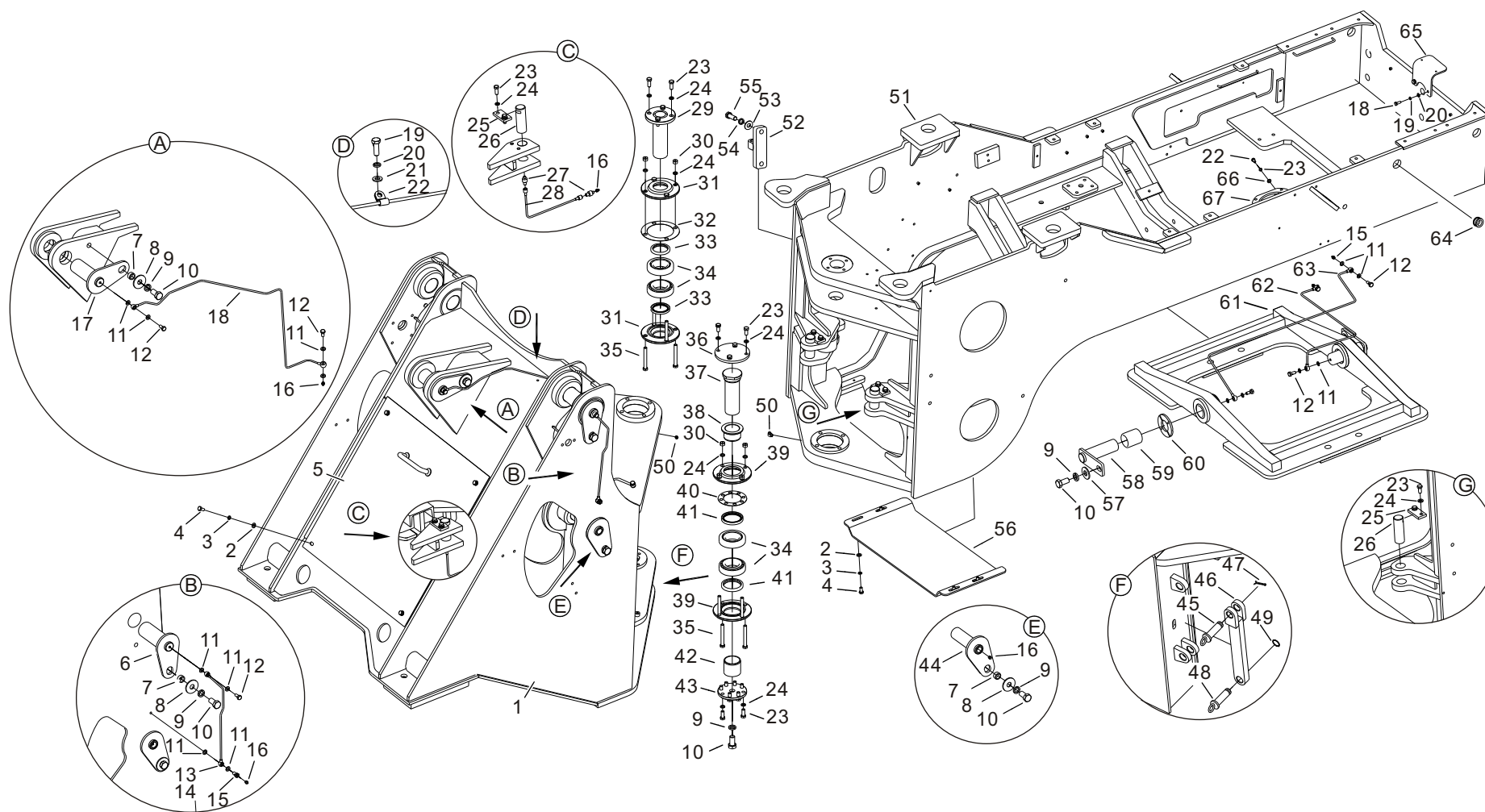


USE FOR CDM835EV.001 WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900313)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
55	51204133314	螺栓M16×50	Bolt M16×50	8.8	4	GB/T5783
56	30810102341	变速箱防护板	Gearbox guard board		1	
57	51421150115	垫圈20	Washer 20		2	GB/T97.1
58	30890900226	摆动架销焊合	Welding of swing span pin		2	
59	60916010022	套	Sleeve		2	
60	60980000183	铜垫	Copper gasket		2	
61	30863900375	摆动架焊合	Welding of swing span		1	
62	30893900385	摆动架销后注油管焊合	Welding of the rear filler pipe of swing span pin		1	
63	30893900386	摆动架销前注油管焊合	Welding of the front filler pipe of swing span pin		1	
64	60980000166	后车架橡胶护套	Rubber jacket of rear frame		4	
65	30810102361	蜂鸣器固定板	Buzzer fixing plate		1	
66	51421110115	垫圈12	Washer 12		2	GB/T97.1
67	30810000843	油滤清器支架焊合	Welding of oil filter bracket		1	

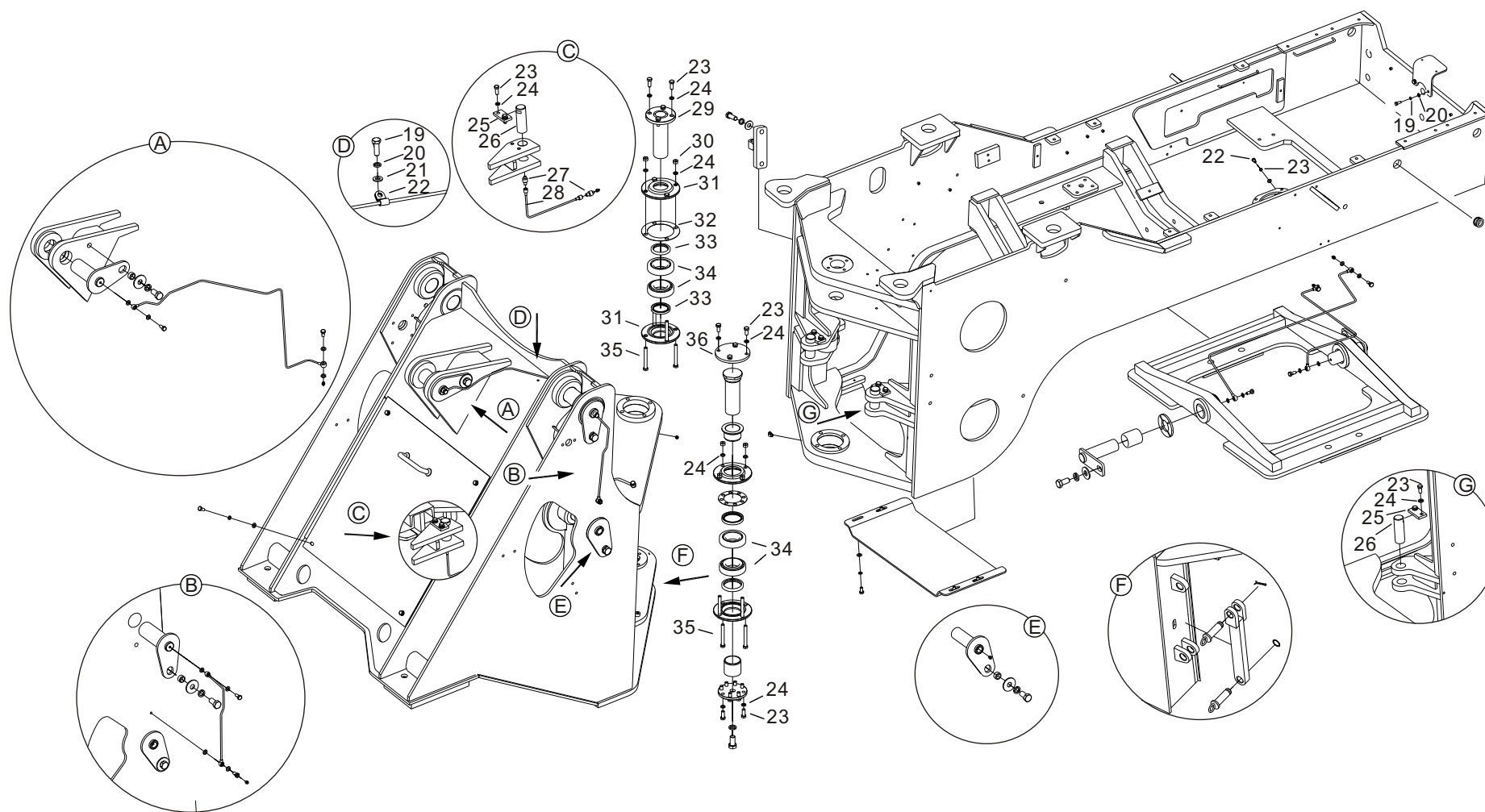
10 车架系统 FRAME ASSEMBLY (30810900324)



USE FOR CDM835EX.00I WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900324)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30810000968	前车架焊合	Front frame welding		1	
2	51421100115	垫圈10	Washer 10		8	GB/T97.1
3	51401100107	垫圈10	Washer 10		8	GB/T93
4	51204101014	螺栓M10×20	Bolt M10×20	8.8	8	GB/T5783
5	30810000834	盖板总成	Cover plate assembly		1	
6	30810000312	动臂上销轴焊合	Welding of boom upper pin shaft		2	
7	30811101305	套筒	Sleeve		5	
8	51420150121	垫圈20	Washer 20		7	GB/T96.1
9	51401150107	垫圈20	Washer 20		8	GB/T93
10	51204153714	螺栓M20×35	Bolt M20×35	8.8	8	GB/T5783
11	60980000179	垫圈10	Washer 10		20	
12	30893100787	通油螺栓	Oil bolt		8	
13	30810000816	动臂上销轴注油管焊合(左)	Welding of filler pipe of pin shaft of boom (left)		1	
14	30810000817	动臂上销轴注油管焊合(右)	Welding of filler pipe of pin shaft of boom (right)		1	
15	30810102330	油嘴螺栓	Flow nipple bolt		2	
16	56201000301	油杯M10×1	Oil cup M10×1		9	JB/T7940.1
17	30810000740	转斗缸后销轴焊合	Welding of rear pin shaft of bucket cylinder		1	
18	30810000905	翻斗缸后销轴注油管总成	Filler pipe assembly of bucket cylinder rear pin shaft		1	

10 车架系统 FRAME ASSEMBLY (30810900324)

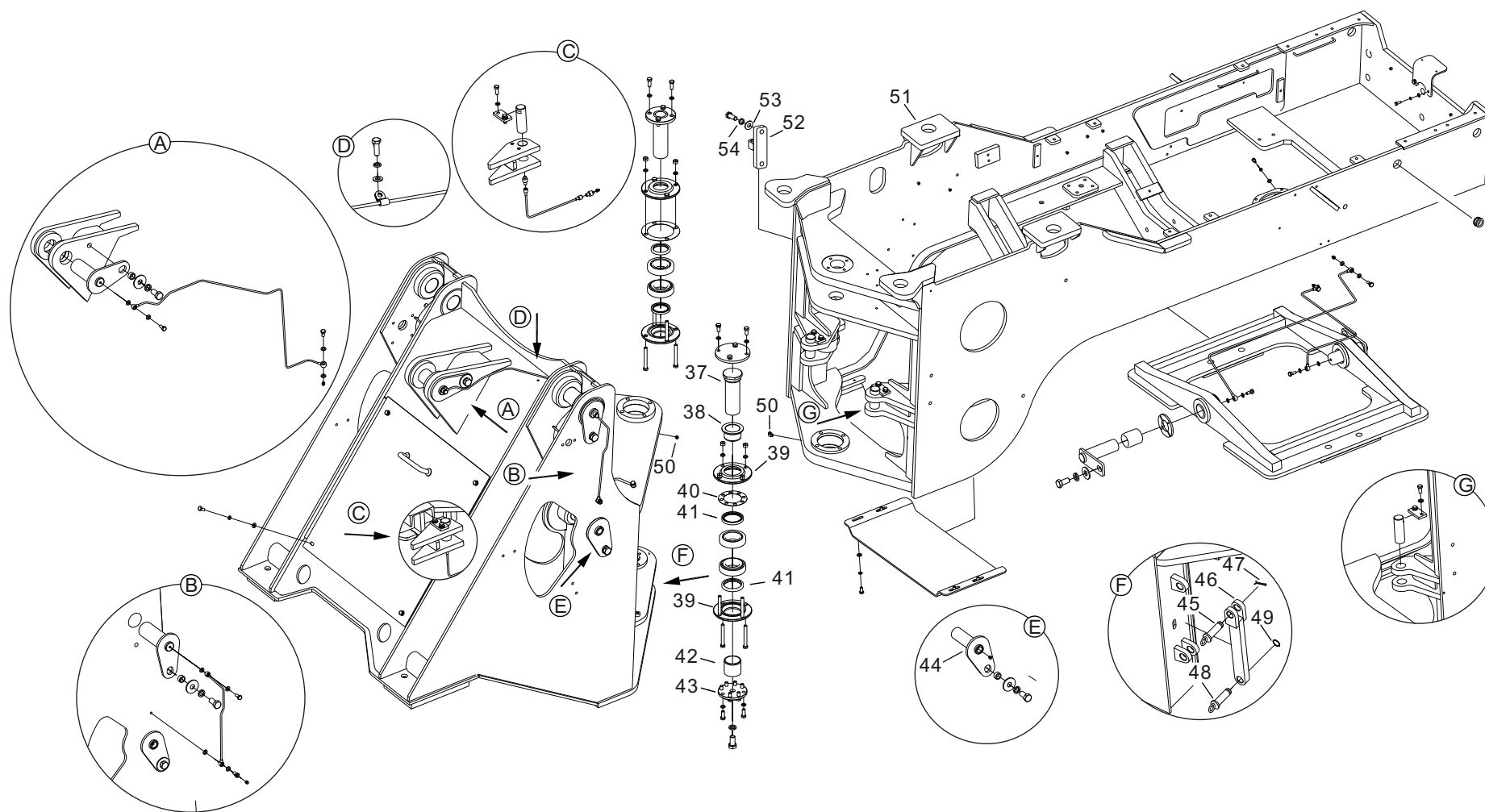


USE FOR CDM835EX.001 WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900324)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	51204091014	螺栓M8×20	Bolt M8×20	8.8	6	GB/T5783
20	51401090107	垫圈8	Washer 8		6	GB/T93
21	51421090115	垫圈8	Washer 8		6	GB/T97.1
22	60911010971	注油管夹总成	Filler pipe clip assembly		2	
23	51204111214	螺栓M12×30	Bolt M12×30	8.8	24	GB/T5783
24	51401110107	垫圈12	Washer 12		32	GB/T93
25	30810100792	卡板	Card board		3	
26	60905000041	转向销	Steering pin		4	
27	30893100633	注油接头	Feed connector		4	
28	30810000906	转向销注油管焊合	Welding of oil inlet pipe for steering pin shaft		2	
29	30890900376	上铰接销焊合	Articulated upper pin welding		1	
30	51307001119	螺母M12	Nut M12	8	8	GB/T6170
31	30810102340	轴承盖	Bearing cover		2	
32	60980000171	调整垫	Adjusting pad		2	
33	56161012301	密封圈FB60×80×12	Gasket ring FB60×80×12		2	GB/T13871.1
34	52324001001	轴承32212	Bearing 32212		4	GB/T297
35	51204112614	螺栓M12×100	Bolt M12×100	8.8	8	GB/T5783
36	30810102335	盖	Cover		1	

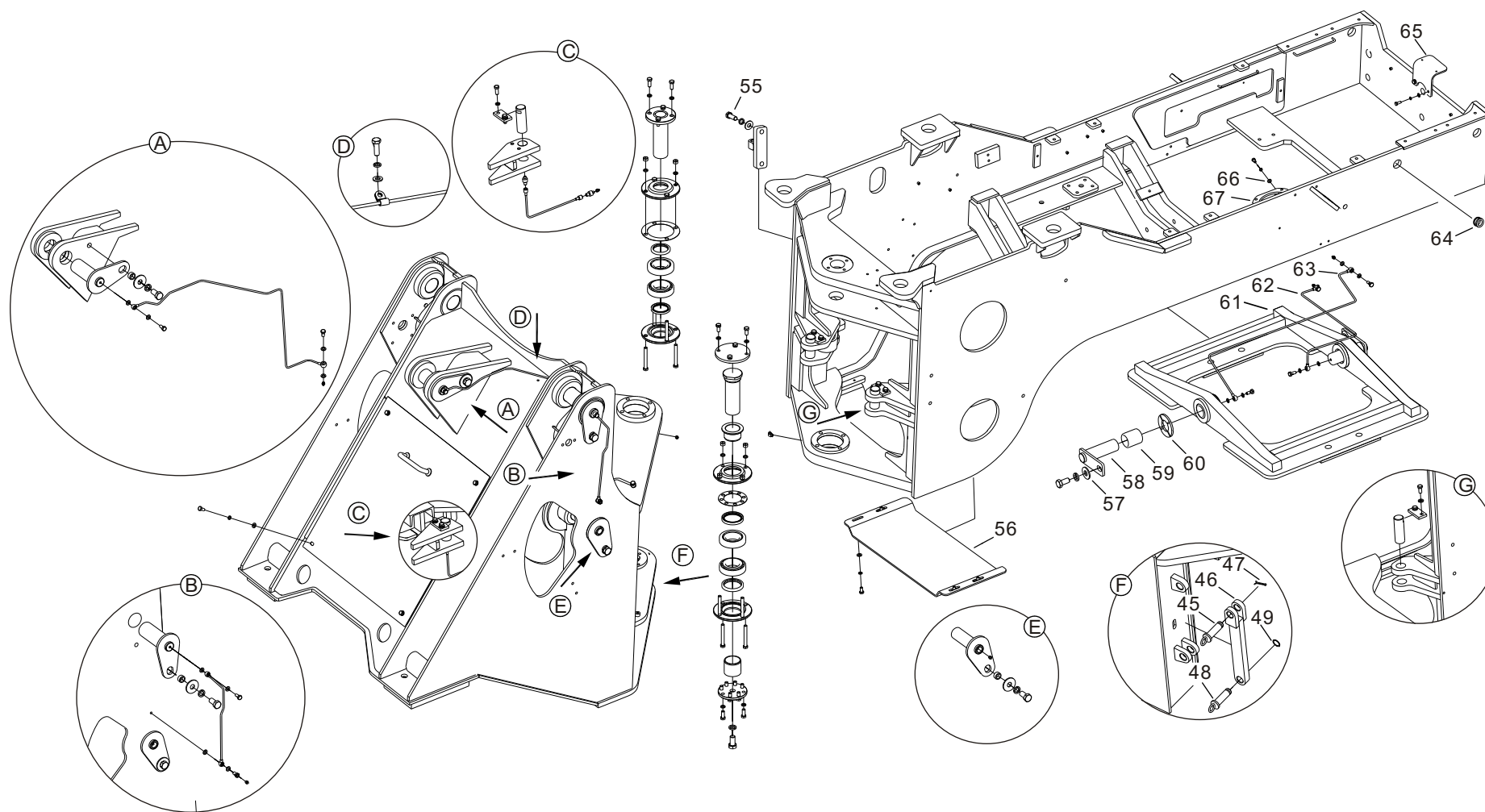
10 车架系统 FRAME ASSEMBLY (30810900324)



USE FOR CDM835EX.001 WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900324)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
37	30890100020	下铰接销	Lower articulated pin		1	
38	30810100994	轴套	Shaft sleeve	8.8	1	
39	30810102337	轴承盖	Bearing cover		2	
40	60980000170	调整垫	Adjusting pad		1	
41	56161012201	密封圈FB70×90×12	Gasket ring FB70×90×12		2	GB/T13871.1
42	30810100995	轴套	Shaft sleeve		1	
43	30810102338	端盖	End cover	8	1	
44	30810000313	动臂油缸销轴焊合	Welding of boom cylinder pin shaft		2	
45	30890900232	销轴焊合	Pin shaft welding		1	
46	30861000156	固定杆焊合	Fixing rod welding		1	
47	51536000101	双层复式弹簧开口销4×44	Double layer compound spring cotter pin 4×44		1	DIN 11024
48	30888100154	销轴	Pin shaft		1	
49	51453270107	挡圈30	Circlip 30		1	GB/T894.1
50	56202000301	油杯45°M10×1	Oil cup 45°M10×1		4	JB/T7940.2
51	30810000904	后车架焊合	Rear frame welding		1	
52	30810000562	油箱固定座焊合	Welding of oil tank fixing seat		2	
53	51421130115	垫圈16	Washer 16	8.8	4	GB/97.1
54	51401130107	垫圈16	Washer 16		4	GB/T93

10 车架系统 FRAME ASSEMBLY (30810900324)

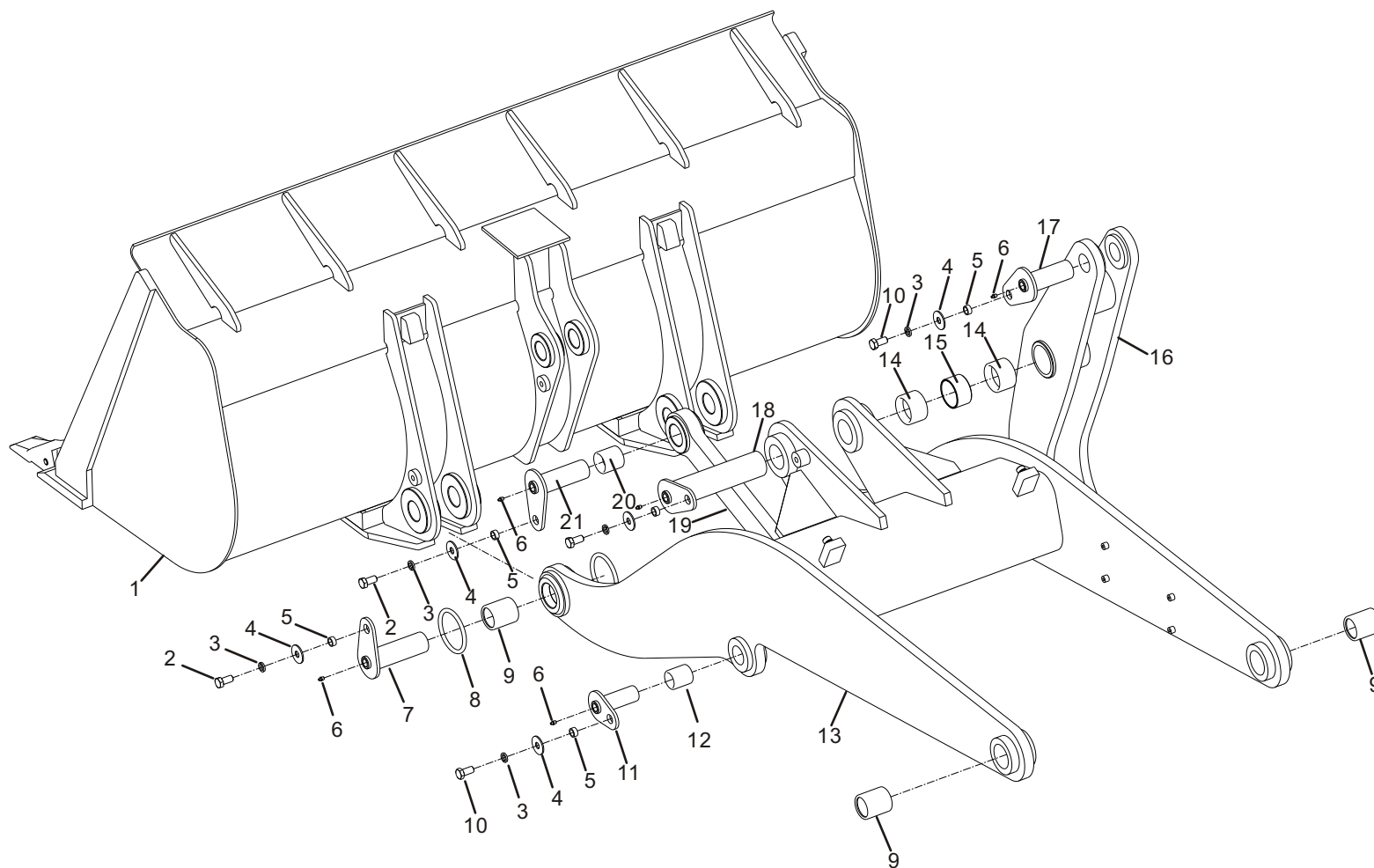


USE FOR CDM835EX.001 WHEEL LOADER

10 车架系统 FRAME ASSEMBLY (30810900324)

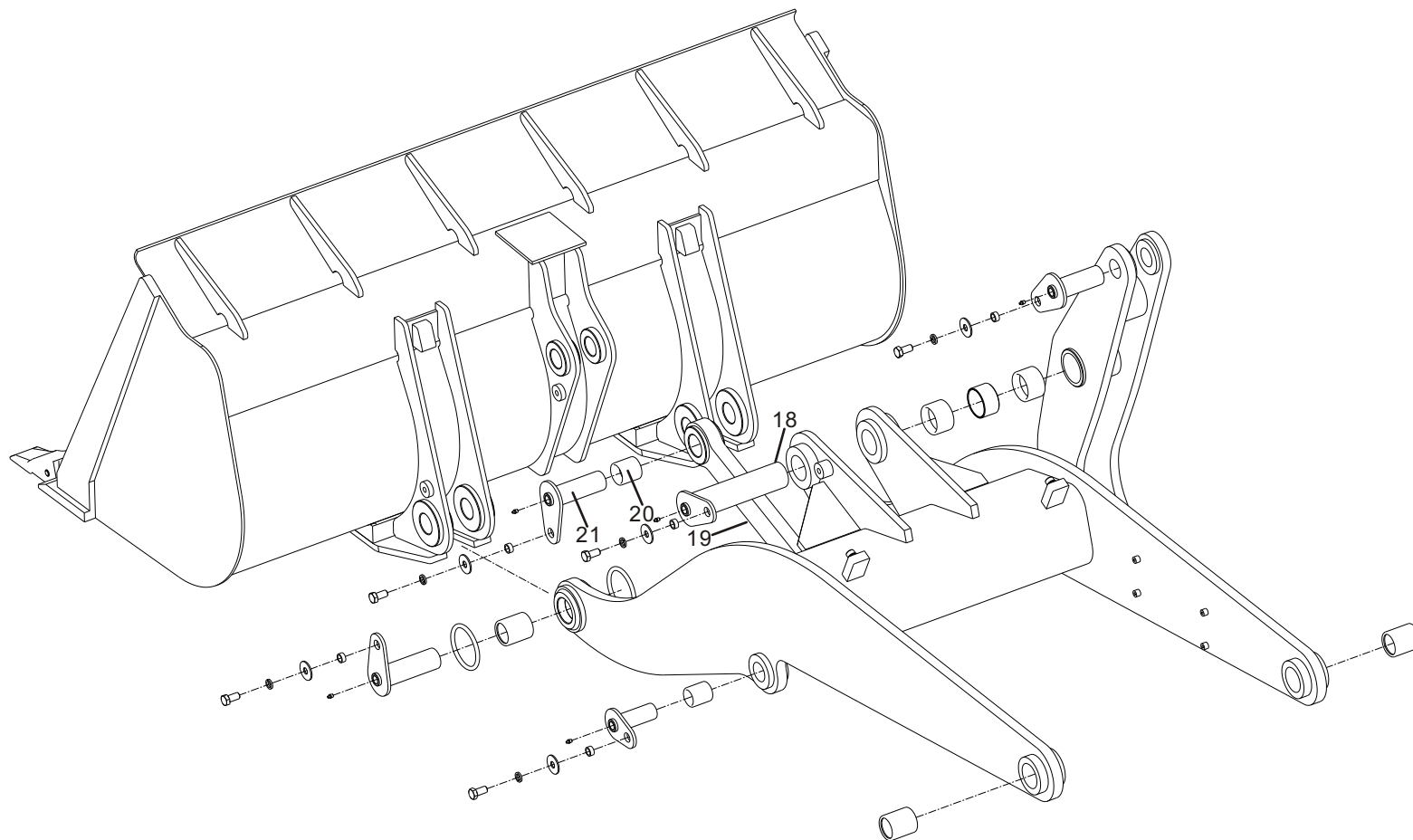
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
55	51204133314	螺栓M16×50	Bolt M16×50	8.8	4	GB/T5783
56	30810102341	变速箱防护板	Gearbox guard board		1	
57	51421150115	垫圈20	Washer 20		2	GB/T97.1
58	30890900226	摆动架销焊合	Welding of swing span pin		2	
59	60916010022	套	Sleeve		2	
60	60980000183	铜垫	Copper gasket		2	
61	30863900375	摆动架焊合	Welding of swing span		1	
62	30893900385	摆动架销后注油管焊合	Welding of the rear filler pipe of swing span pin		1	
63	30893900386	摆动架销前注油管焊合	Welding of the front filler pipe of swing span pin		1	
64	60980000166	后车架橡胶护套	Rubber jacket of rear frame		4	
65	30810102361	蜂鸣器固定板	Buzzer fixing plate		1	
66	51421110115	垫圈12	Washer 12		2	GB/T97.1
67	30810000843	油滤清器支架焊合	Welding of oil filter bracket		1	

11 工作装置系统 IMPLEMENT SYSTEM (30811900251)



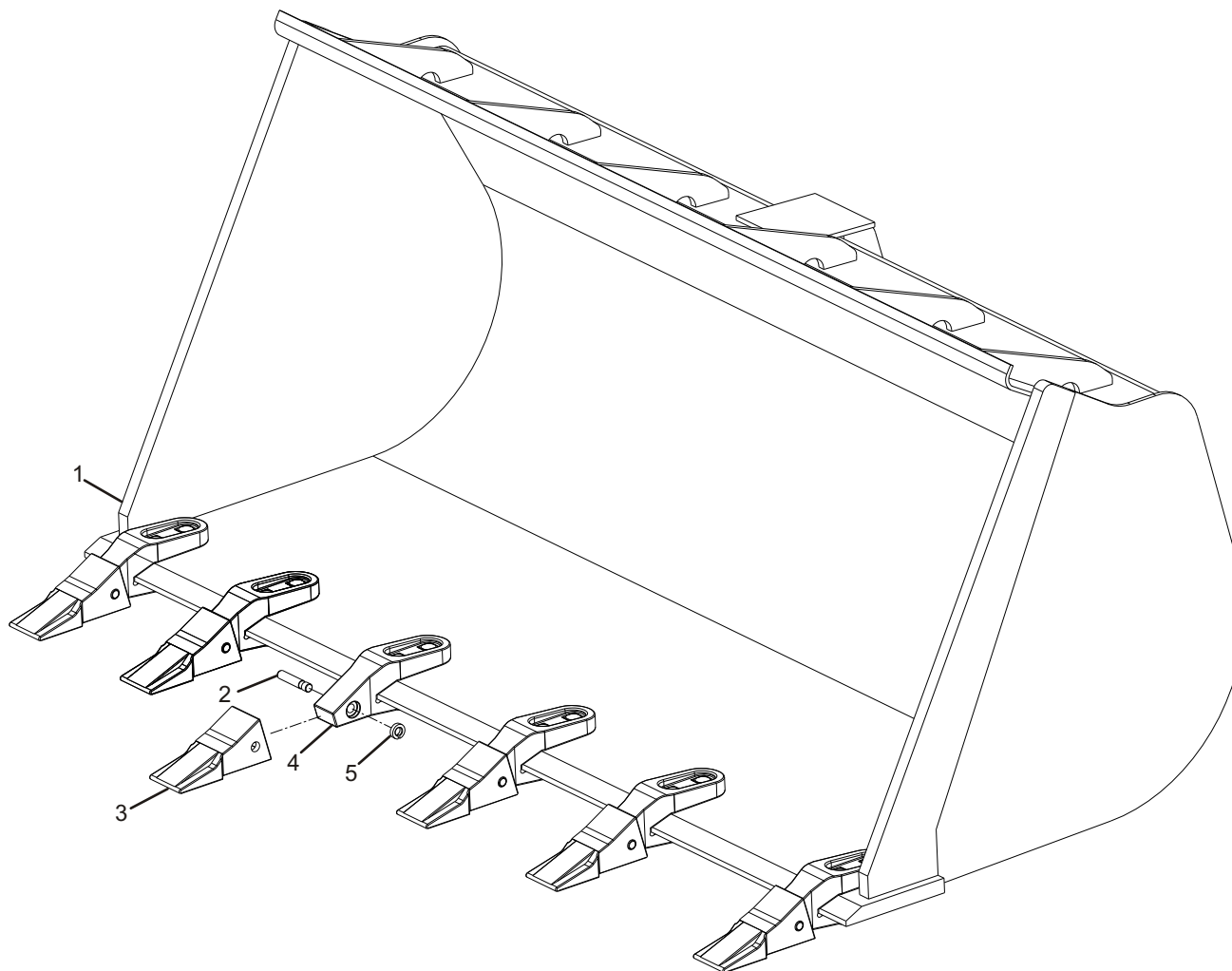
11 工作装置系统 IMPLEMENT SYSTEM (30811900251)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30871900367	铲斗总成	Bucket weldment		1	⇒ 129
2	51204153814	螺栓M20 × 30	Bolt M20 × 30	8.8	3	GB/T5783
3	51401150107	垫圈20	Washer 20		8	GB/T93
4	51420150121	垫圈20	Washer 20		8	GB/T96.1
5	30811101305	套筒	Bushing		8	
6	56201000301	油杯	Oil cup		8	
7	30811000526	铲斗下销轴焊合	Lift cylinder lower pin weldment		2	
8	60980000558	O型密封圈	O-sealing ring		4	
9	60916010019	动臂下轴套	Lift arm lower shaft sleeve		4	
10	51204151414	螺栓M20 × 40	Bolt M20 × 40	8.8	5	GB/T5783
11	30811000530	动臂油缸上销轴焊合	Lift cylinder upper pin weldment		2	
12	60916010022	套	Sleeve		2	
13	30811001360	动臂焊合	Lift arm weldment		1	Used with Hydraulic control valve with 3 sections
	30811001359	动臂焊合	Lift arm weldment		1	Used with Hydraulic control valve with 2 sections
14	60916010018	摇臂支承轴套	Lift arm upper shaft sleeve		2	
15	30874101926	摇臂隔离套	Tilt arm isolation sleeve		1	
16	30811000534	摇臂焊合	Tilt arm weldment		1	
17	30811000529	摇臂端销轴焊合	Tilt arm pin weldment		2	

11 工作装置系统 IMPLEMENT SYSTEM (30811900251)



[illegible]

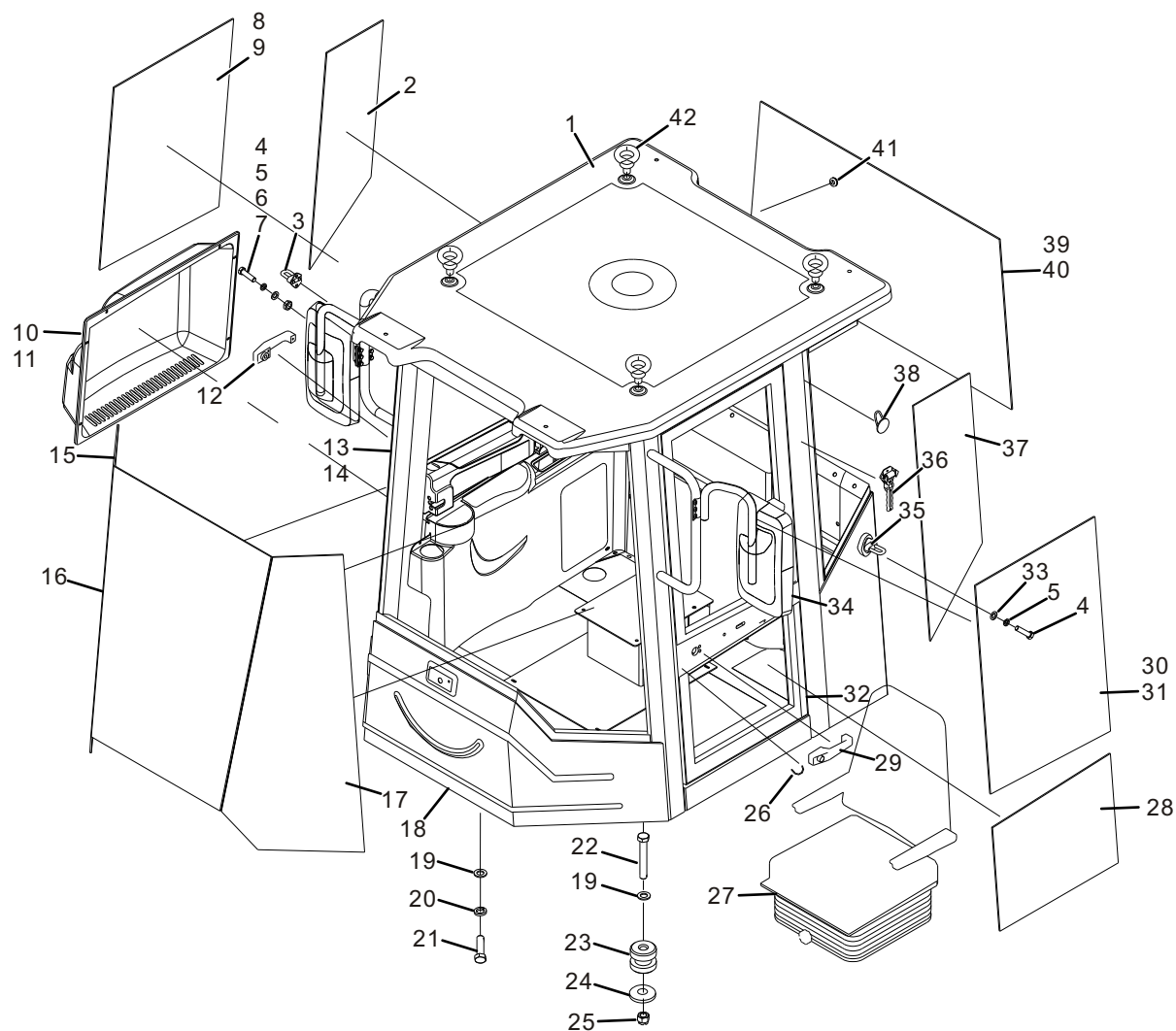
11.1 铲斗总成 BUCKET ASSEMBLY (30871900367)



11.1 铲斗总成 BUCKET ASSEMBLY (30871900367)

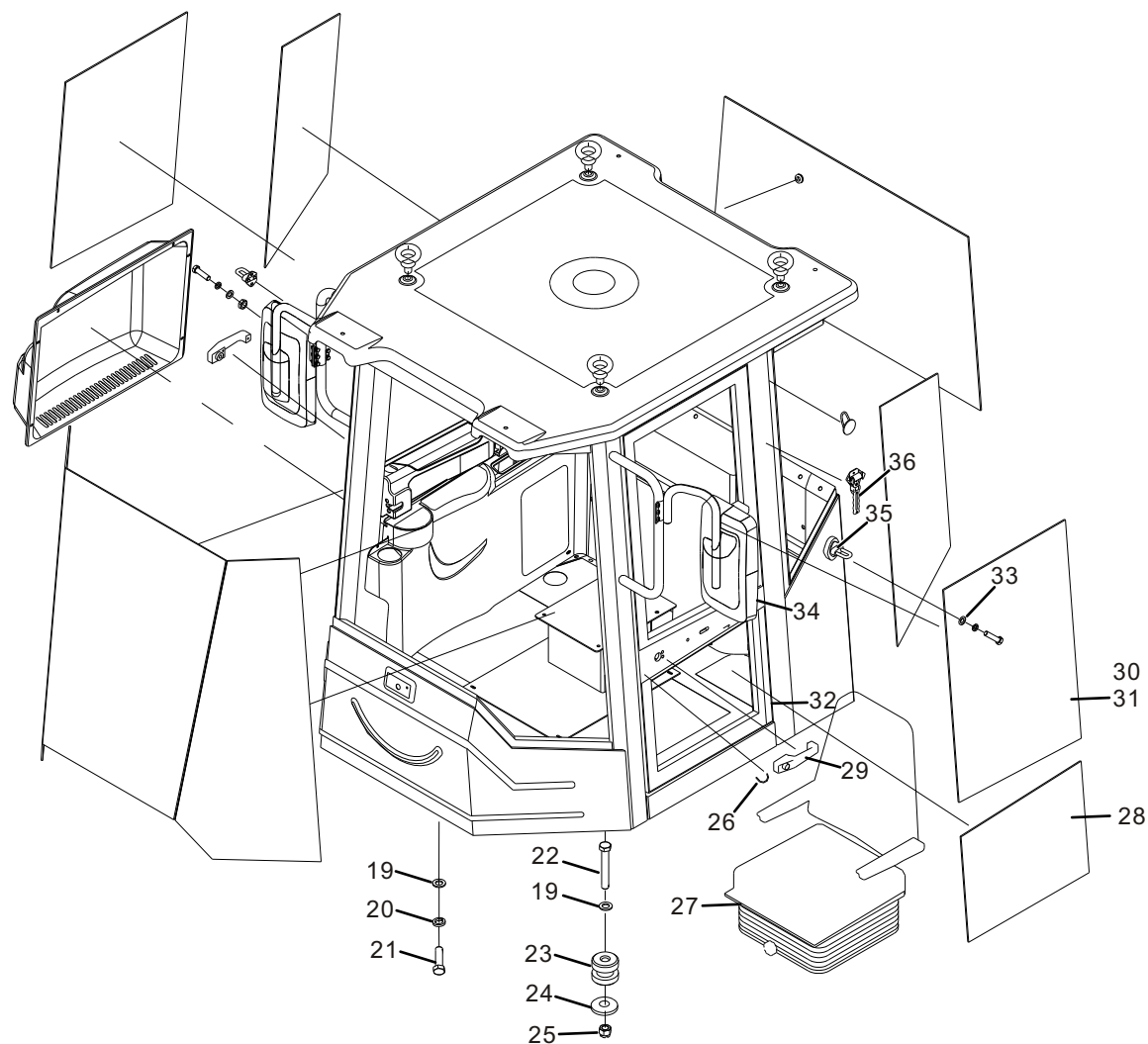
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12 驾驶室系统 CAB SYSTEM (30812900218)



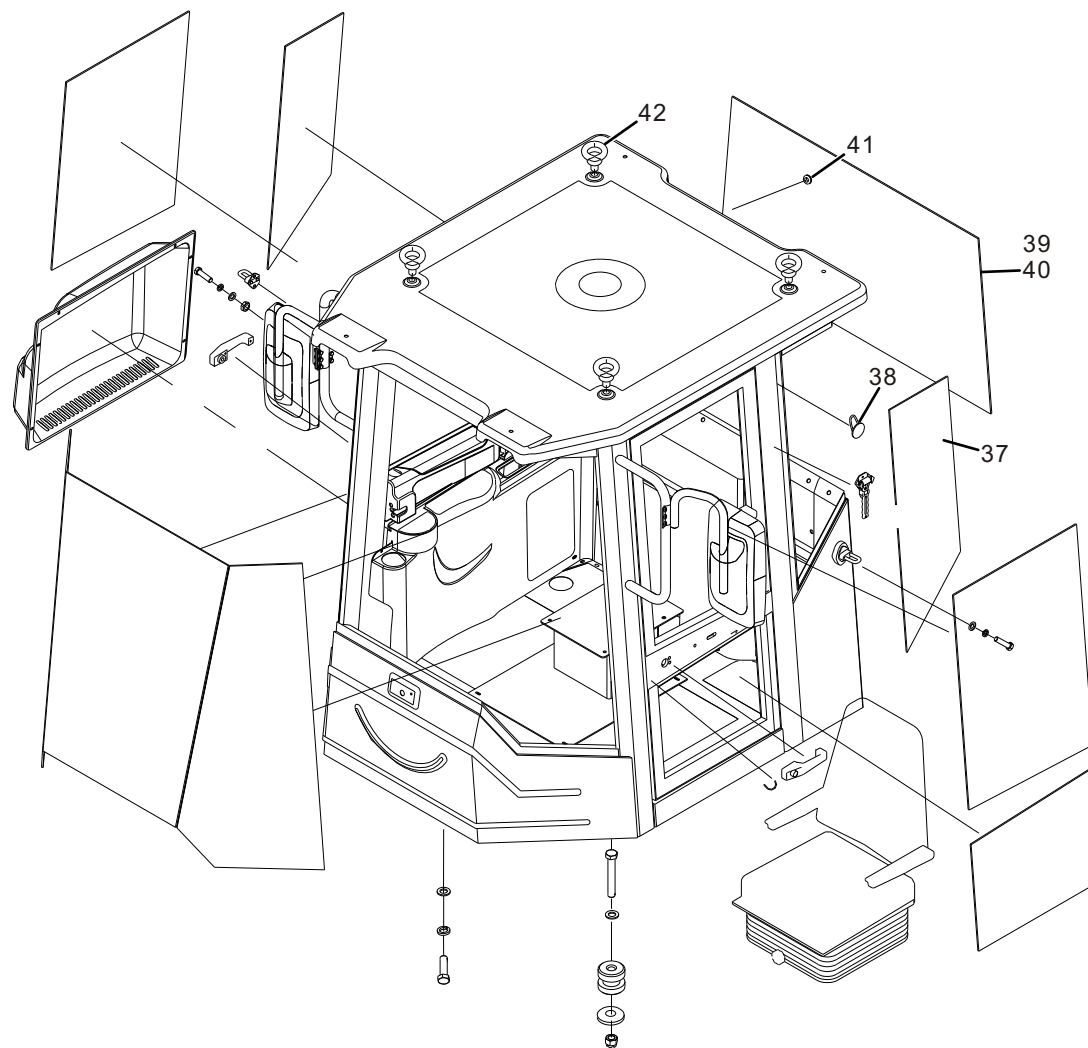
12 驾驶室系统 CAB SYSTEM (30812900218)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30881000602	驾驶室焊合	Cab welding		1	
2	60900001621	右后玻璃	Right rear glass		1	
3	60900001626	碰锁总成	Spring lock assembly		1	
4	51204091214	螺栓M8×30	Bolt M8×30	8.8	4	GB/T5783
5	51401090107	垫圈8	Washer 8		4	GB/T93
6	51420090119	垫圈8	Washer 8		2	GB/T96.1
7	51307000919	螺母M8	Nut M8	8	2	GB/T6170
8	30812102011	右门玻璃	Right door glass		1	
9	30881000601	右门拉窗	Sash window of right door		1	选装Optional
10	60900001595	蒸发器罩壳总成	Housing assembly of evaporator		1	
11	60919010042	U型胶条	U-rubber strip		1	
12	30812000389	右门锁	Right door lock		1	
13	60919010019	U型胶条	U-rubber strip		1	
14	60900001613	右门胶条总成	Right door strip assembly		1	
15	60900001617	右前玻璃	Right front glass		1	
16	60900001619	前玻璃	Front windscreen		1	
17	60900001620	左前玻璃	Left front glass		1	
18	30812000627	底座焊合	Pedestal welding		1	

12 驾驶室系统 CAB SYSTEM (30812900218)



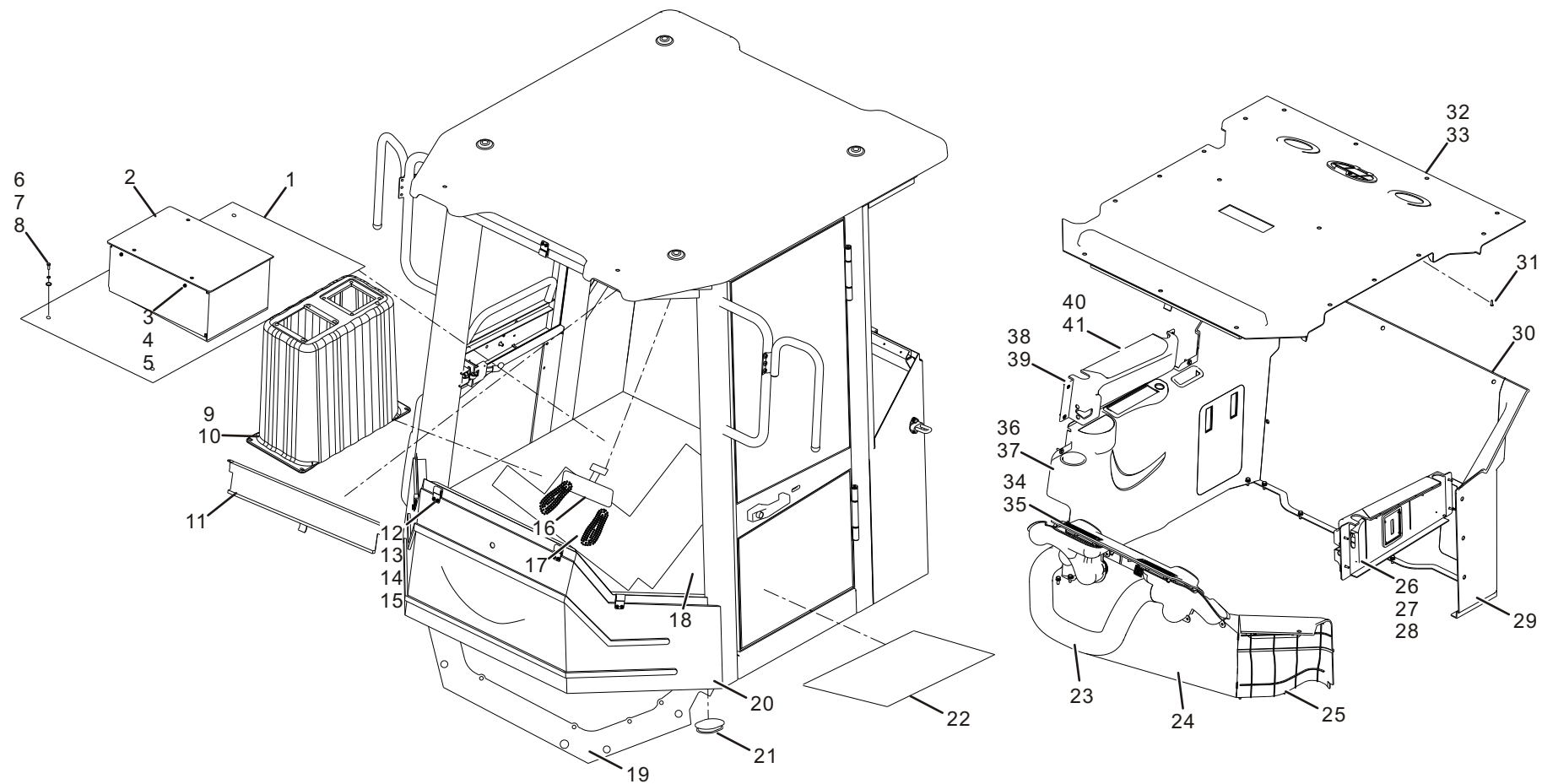
12 驾驶室系统 CAB SYSTEM (30812900218)						
序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks	
19	51420170121	垫圈24	Washer 24		10	GB/T96.1
20	51401170107	垫圈24	Washer 24		6	GB/T93
21	51204171814	螺栓M24×60	Bolt M24×60	8.8	6	GB/T5783
22	51210173014	螺栓M24×2×140	Bolt M24×2×140	8.8	4	GB/T5785
23	60900001615	减震器总成	Shock absorber assembly		4	
24	30812102005	垫板	Backing plate		4	
25	51341001819	螺母M24×2	Bolt M24×2	8	4	GB/T889.1
26	30812102055	防护扣	Guard buckle		2	
27	30881000610	航空座椅	Aero seat		1	
28	30812102109	左门下玻璃	Left door glass		1	
29	30881000349	驾驶室门锁	Cab door lock		1	
30	30812102012	左门玻璃	Left door glass		1	
31	30881000600	左门拉窗	Sash window of left door		1	选装Optional
32	60900001606	左门胶条总成	Left door strip assembly		1	
33	51421090115	垫圈8	Washer 8		2	GB/T97.1
34	60917010022	倒车镜	Reverse mirror		2	
35	30812000623	左碰锁总成	Left spring lock assembly		1	
36	60980000168	安全锤	Hammer		1	

12 驾驶室系统 CAB SYSTEM (30812900218)



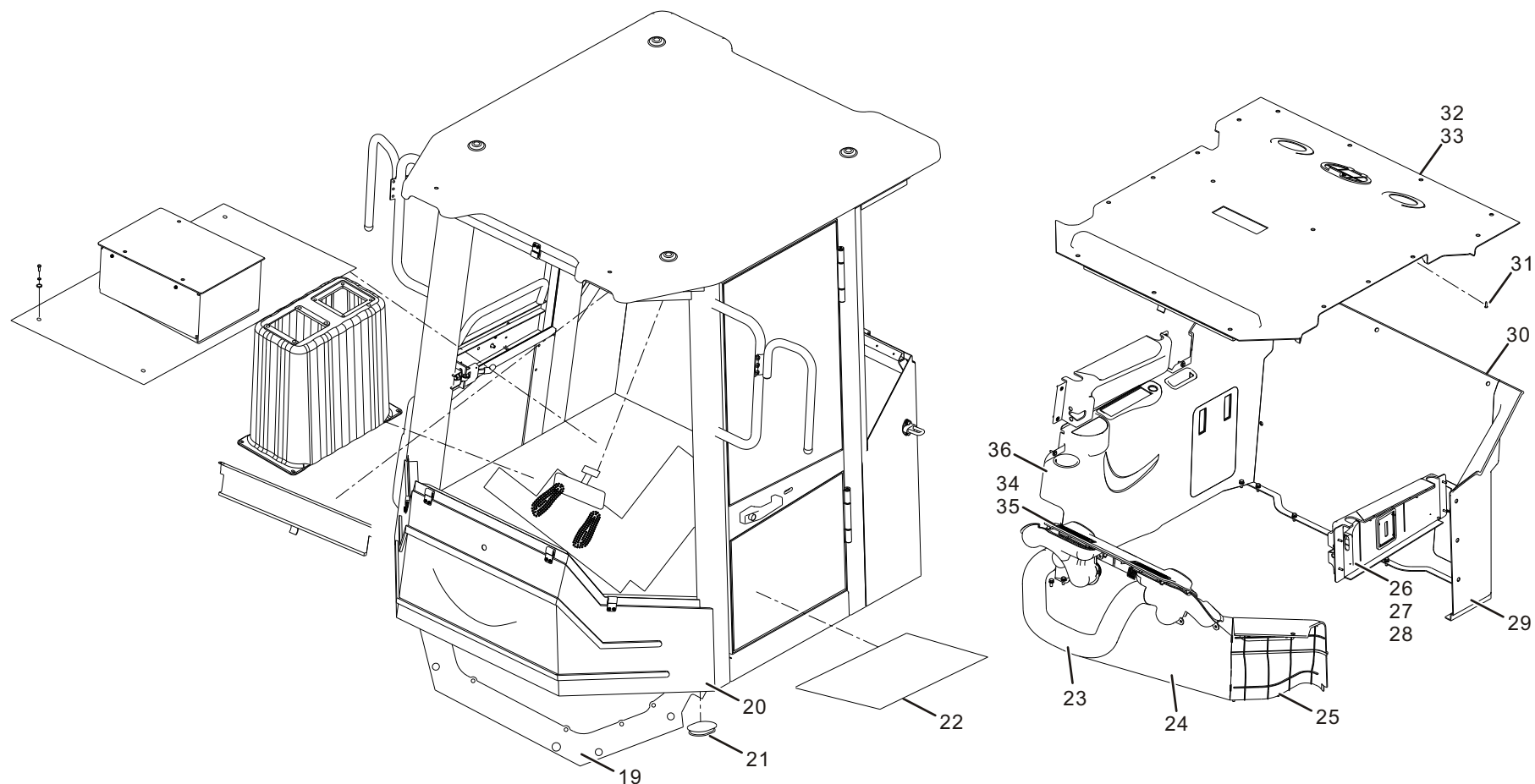
[illegible]

12 驾驶室系统 CAB SYSTEM (30812900218)



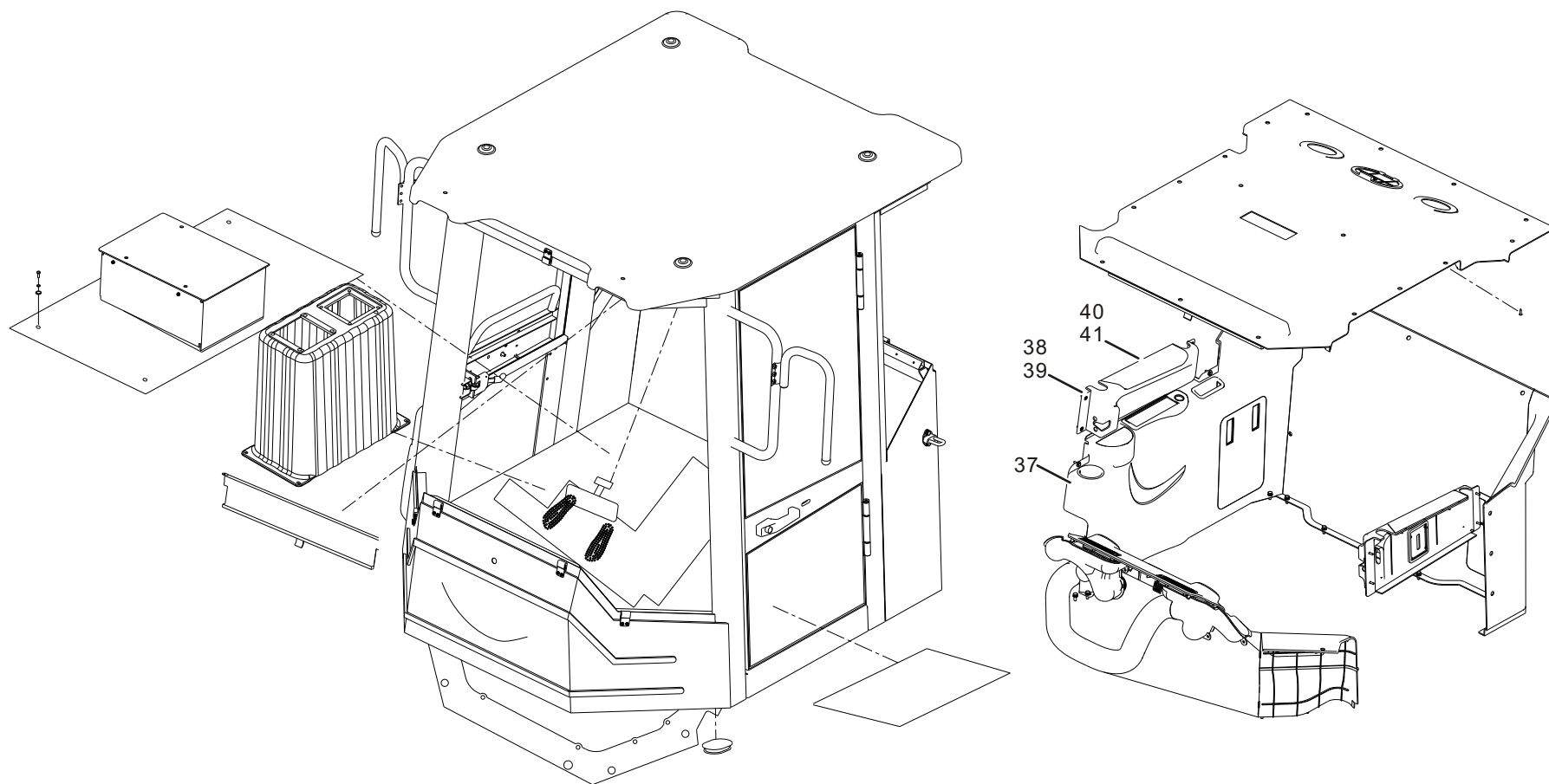
12 驾驶室系统 CAB SYSTEM (30812900218)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30812000608	中面板焊合	Middle surface welding		1	
2	30812000613	控制器座	Controller seat		1	
3	51777000101	碟形螺钉	Butterfly bolt		2	
4	51401080107	垫圈6	Washer 6		4	GB/T93
5	51420080121	垫圈6	Washer 6		4	GB/T96.1
6	51204091014	螺栓M8×20	Bolt M8×20	8.8	40	GB/T5783
7	51401090107	垫圈8	Washer 8		42	GB/T93
8	51420090119	垫圈8	Washer 8		14	GB/T96.1
9	30881000612	先导操纵箱	Pilot control housing		1	Use for single-lever control
10	30881000607	先导操纵箱	Pilot control housing		1	Use for dual-lever control
11	30881000365	遮阳帘	Shade		1	
12	30812102020	玻璃压板	Glass press plate		8	
13	51158170304	螺钉M5×10	Screw M5×10	4.8	16	GB/T818
14	51421070115	垫圈5	Washer 5		16	GB/T97.1
15	51401070107	垫圈5	Washer 5		16	GB/T93
16	60900001625	内视镜总成	Inner mirror assembly		1	
17	30881101819	纸垫	Paper gasket		1	
18	30812000630	地垫	Ground pad		1	

12 驾驶室系统 CAB SYSTEM (30812900218)



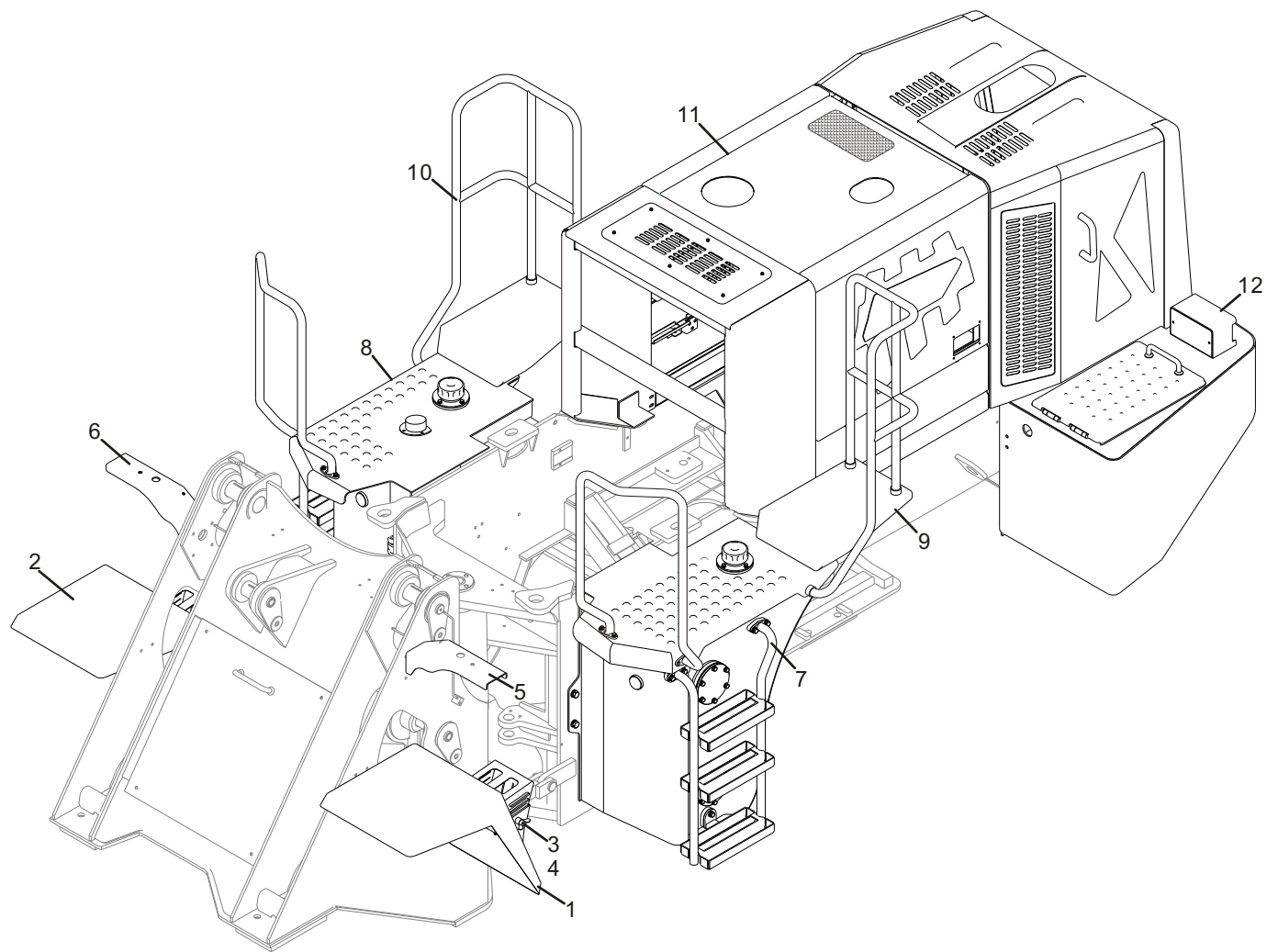
12 驾驶室系统 CAB SYSTEM (30812900218)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	30881101707	密封垫	Seal gasket		1	
20	30881000614	驾驶室处吸音海绵总成	Cab sound absorption spronge assembly		1	
21	60900001602	底座密封盖	sealed cover of base		4	
22	30812102051	左活动面板	Left movable faceplate		1	
23	60900001600	空调管道组件	A/C air duct assembly		1	
24	60900001596	前围板	Front boarding		1	
25	60900001597	左前围板	Left front boarding		1	
26	60900001607	左门饰板	Left door trim		1	
27	60900001608	左门上盖板	Left door upper cover		1	
28	60900001609	左门锁盖板	Cover of left door lock		1	
29	60900001604	左后围板	Left rear boarding		1	
30	60900001603	后围板	Rear boarding		1	
31	60900001624	扣钉总成	Clamp assembly		36	
32	60900001623	内顶饰	Inner ceiling decoration		1	
33	30881101705	内顶饰	Inner ceiling decoration		1	Optional with MP3 player
34	60900001598	右前围板	Right front boarding		1	
35	60900001599	出风口盖板	Air outlet cover		1	
36	60900001605	右后围板	Right rear boarding		1	

12 驾驶室系统 CAB SYSTEM (30812900218)



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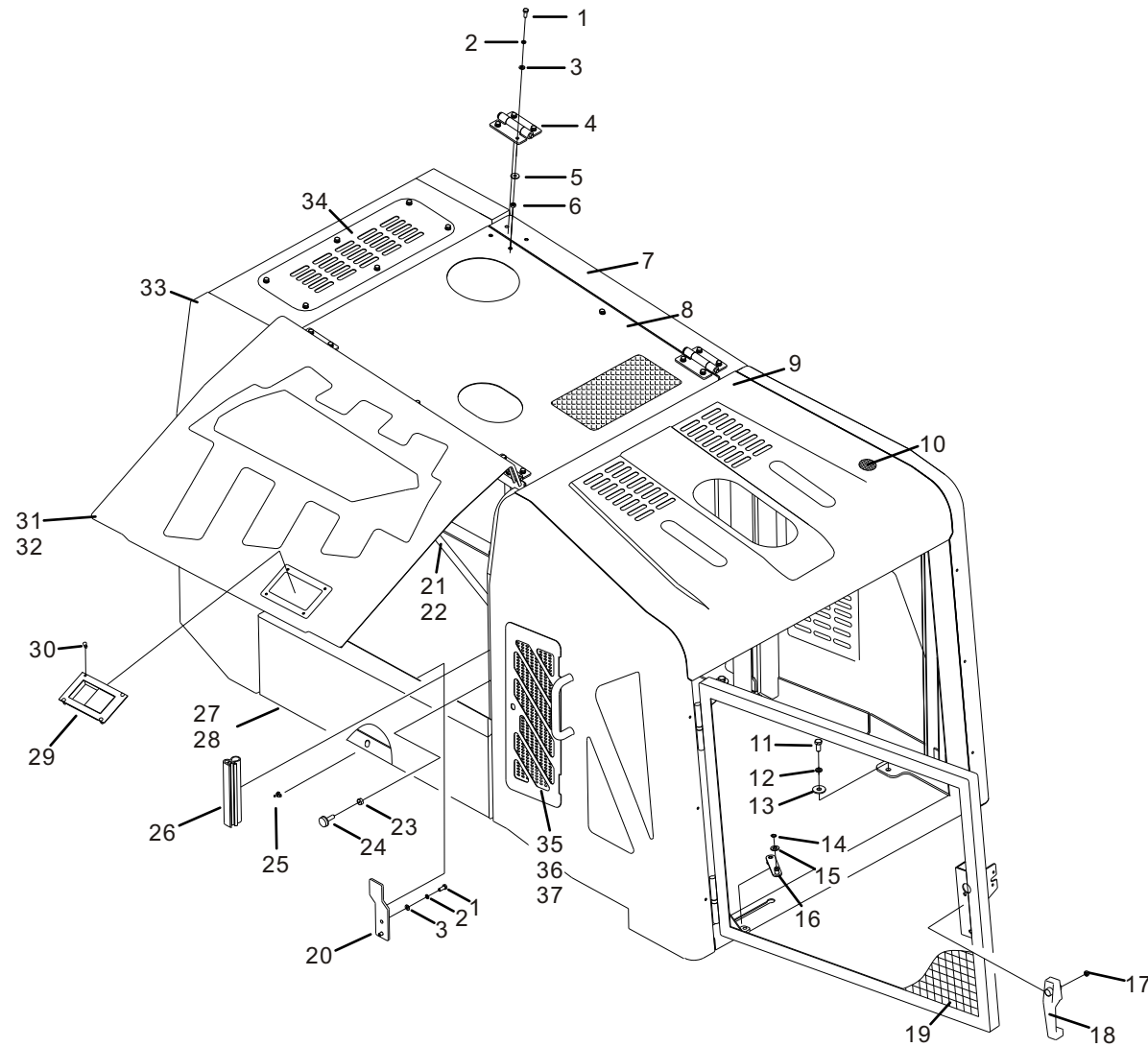
13 覆盖件系统 OUT PANEL SYSTEM (30813900210)



13 覆盖件系统 OUT PANEL SYSTEM (30813900210)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30884900002	前左挡泥板总成	Front left mudguard assembly	1	
2	30884900003	前右挡泥板总成	Right front mudguard assembly	1	
3	30816000000	左随机三角铁	Left attached angle iron	1	
4	30816000001	右随机三角铁	Right attached angle iron	1	
5	30813000535	组合灯左支架焊合	Welding of combination lamp left support	1	
6	30813000536	组合灯右支架焊合	Welding of combination lamp right support	1	
7	30889000205	液压油箱总成	Hydraulic oil tank assembly	1	⇒  159
8	30888900036	燃油箱总成	Fuel tank assembly	1	⇒  155
9	30885900026	后左挡泥板总成	Left rear mudguard assembly	1	
10	30885900027	后右挡泥板总成	Right rear mudguard assembly	1	
11	30886900068	机罩总成	Engine hood assembly	1	⇒  145
12	30887900055	平衡重总成	Counter weight assembly	1	⇒  151

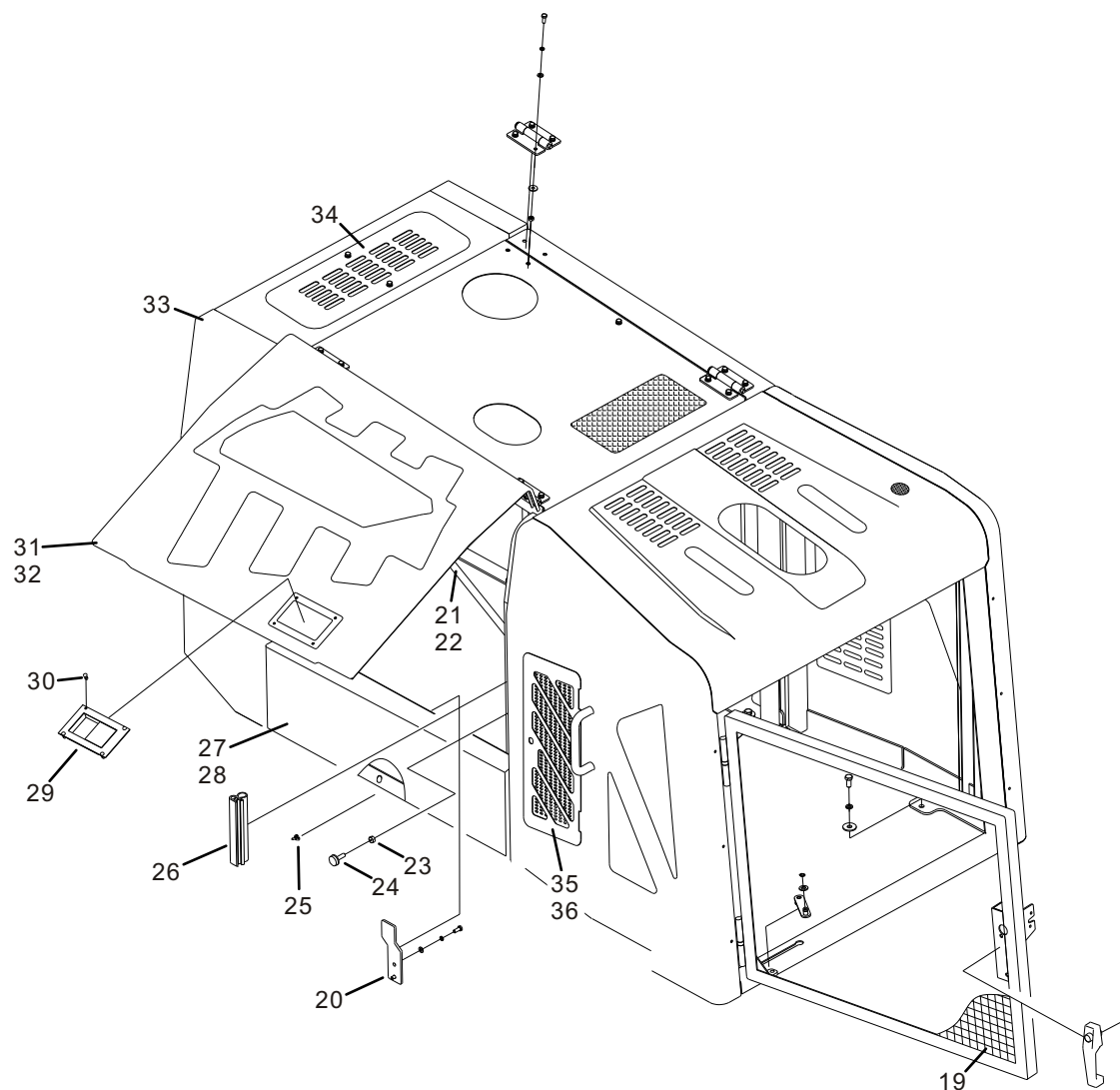
13.1 机罩总成 HOOD ASSEMBLY (30886900068)



13.1 机罩总成 HOOD ASSEMBLY (30886900068)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204091114	螺栓M8×25	Bolt M8×25	8.8	28	GB/T5783
2	51401090107	垫圈8	Washer 8		30	GB/T93
3	51420090121	垫圈8	Washer 8		30	GB/T96.1
4	30886000777	合页总成	Hinge assembly		4	
5	51420100119	垫圈10	Washer 10		10	GB/T96.1
6	51307000919	螺母M8	Nut M8	8	18	GB/T6170
7	30886000837	机罩门架焊合	Welding of engine hood door frame		1	
8	30886000864	上罩焊合	Upper cover welding		1	
9	30886000865	后罩焊合	Rear hood welding		1	
10	30886000844	机罩吸音海绵总成	Sound-absorbing sponge assembly for engine hood		1	
11	51204111214	螺栓M12×30	Bolt M12×30	8.8	14	GB/T5783
12	51401110107	垫圈12	Washer 12		14	GB/T93
13	51420110119	垫圈12	Washer 12		14	GB/T96.1
14	51453120107	挡圈12	Retainer ring 12		2	GB/T894.1
15	30886000916	非标垫圈	Off-standard washer		2	
16	30886000782	支撑杆焊合	Brace strut welding		1	
17	51341000719	螺母M12	Nut M12	8	1	GB/T889.1
18	30812000119	扶手总成	Door lock assy		1	

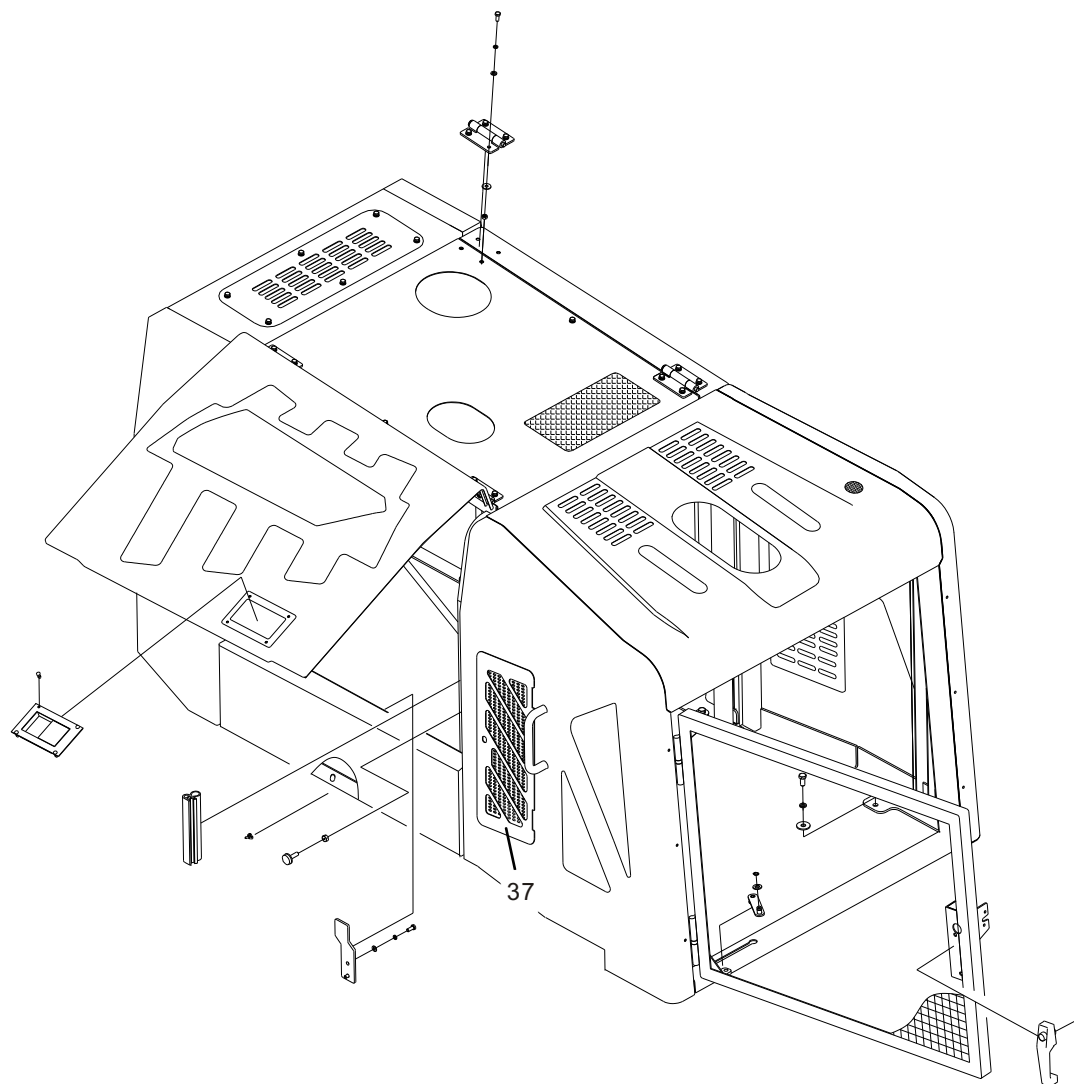
13.1 机罩总成 HOOD ASSEMBLY (30886900068)



13.1 机罩总成 HOOD ASSEMBLY (30886900068)

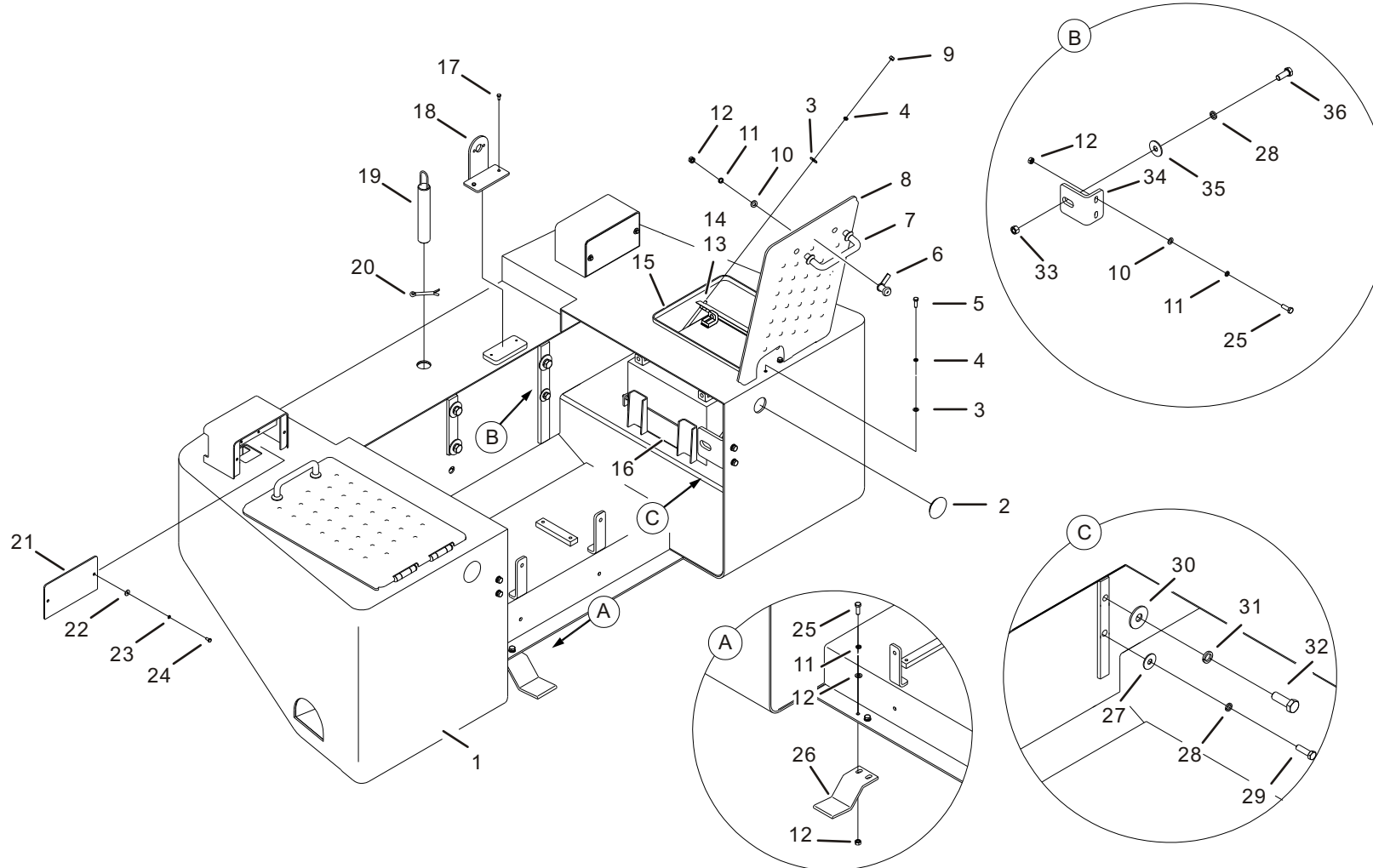
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	30886000812	后盖板焊合	Rear cover plate welding		1	
20	30886102425	锁挡铁锁板	Plate of iron block of lock		2	
21	30886102693	机罩门支撑杆	Brace strut of hood door		2	
22	51307001119	螺母M12	Nut M12	8	8	GB/T6170
23	51307001019	螺母M10	Nut M10	8	8	GB/T6170
24	30886000790	减震垫	Shock pad		6	
25	30886000901	固定杆焊合	Fixing rod welding		2	
26	30886000886	门框胶条	Doorframe rubber strip		4	
27	30886000838	右下侧板焊合	Welding of the lower right side plate		1	
28	30886000839	左下侧板焊合	Welding of the lower left side plate		1	
29	60701010145	机罩门锁总成	Hood lock assembly		2	
30	51569000801	抽芯铆钉5×12	Self-plugging rivet 5×12	11	8	GB/T12618.1
31	30886000797	左机罩门焊合	Welding of the frame of left hood door		1	
32	30886000798	右机罩门焊合	Welding of the frame of right hood door		1	
33	30886000863	前罩焊合	Front hood welding		1	
34	30886102624	上盖板	Upper cover plate of front hood		1	
35	30886000846	左后罩门焊合	Welding of the frame of left rear hood door		1	
36	30886000847	右后罩门焊合	Welding of the frame of right rear hood door		1	

13.1 机罩总成 HOOD ASSEMBLY (30886900068)



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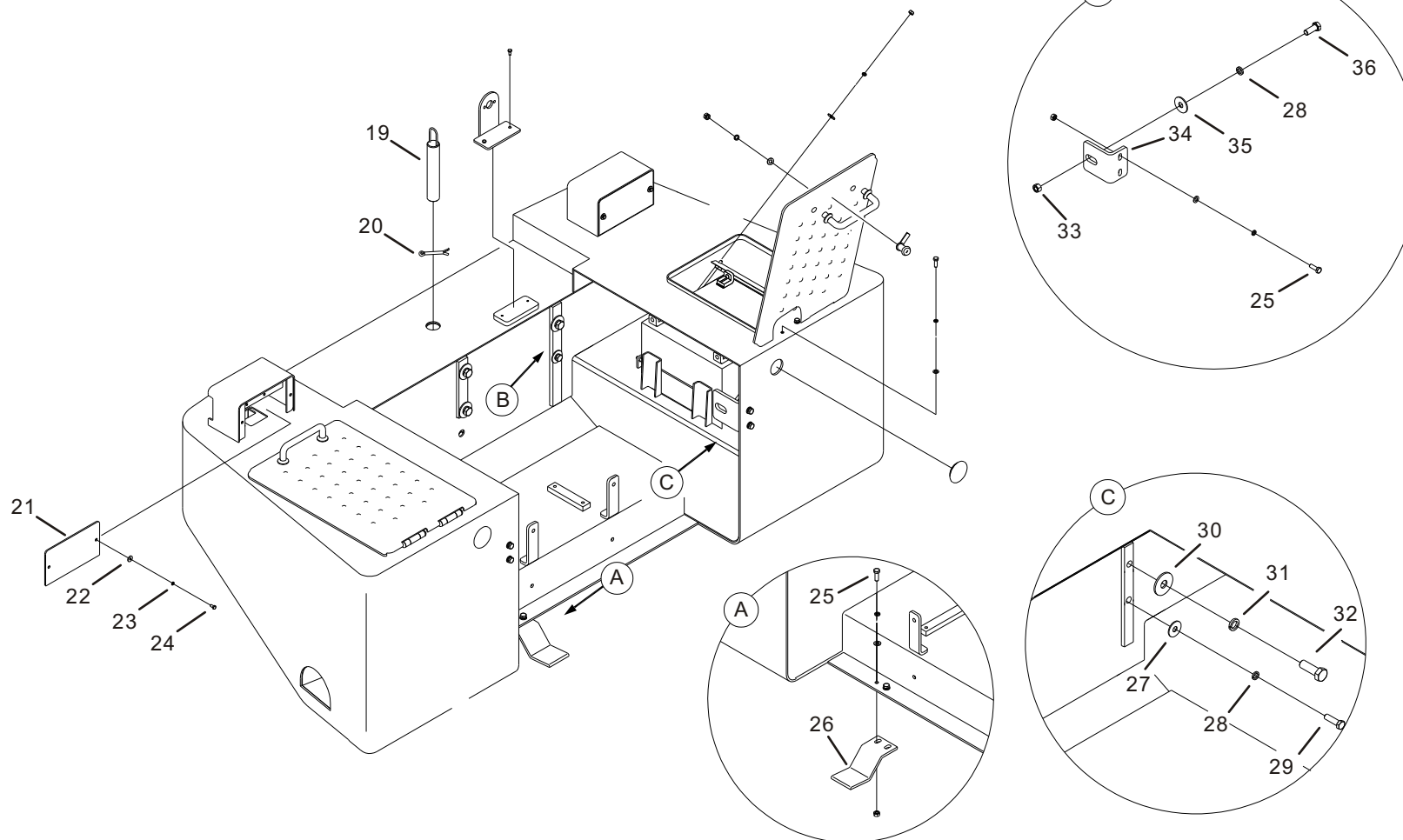
13.2 平衡重总成 COUNTER WEIGHT ASSEMBLY (30887900055)



13.2 平衡重总成 COUNTER WEIGHT ASSEMBLY (30887900055)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	30887000518	平衡重焊合	Counter weight welding	1	
2	30887100429	橡胶套	Rubber sleeve	2	
3	51421090115	垫圈8	Washer 8	10	GB/T97.1
4	51401090107	垫圈8	Washer 8	10	GB/T93
5	51204091114	螺栓M8×25	Bolt M8×25	8	8.8 GB/T5783
6	30887000345	电瓶盖锁	Battery cover lock	2	
7	60907000001	扶手总成	Handrail assembly	2	
8	30887101215	电瓶箱左盖焊合	Welding of the left cover of battery box	2	
9	51307000919	螺母M8	Nut M8	2	8 GB/T6170
10	51421100115	垫圈10	Washer 10	10	GB/T97.1
11	51401100107	垫圈10	Washer 10	10	GB/T93
12	51307001019	螺母M10	Nut M10	10	8 GB/T6170
13	30887100936	角铁总成	Angle iron assembly	1	
14	30887100042	电瓶拉丝	Battery drawing	2	
15	60919010041	平衡重胶条	Counterweight rubber strip	2	
16	60922010024	电瓶胶垫	Battery rubber pad	4	
17	51218081001	螺栓M6×20	Bolt M6×20	2	10.9 GB/T5787
18	30810100600	电源总开关固定板	Power switch mounting plate	1	

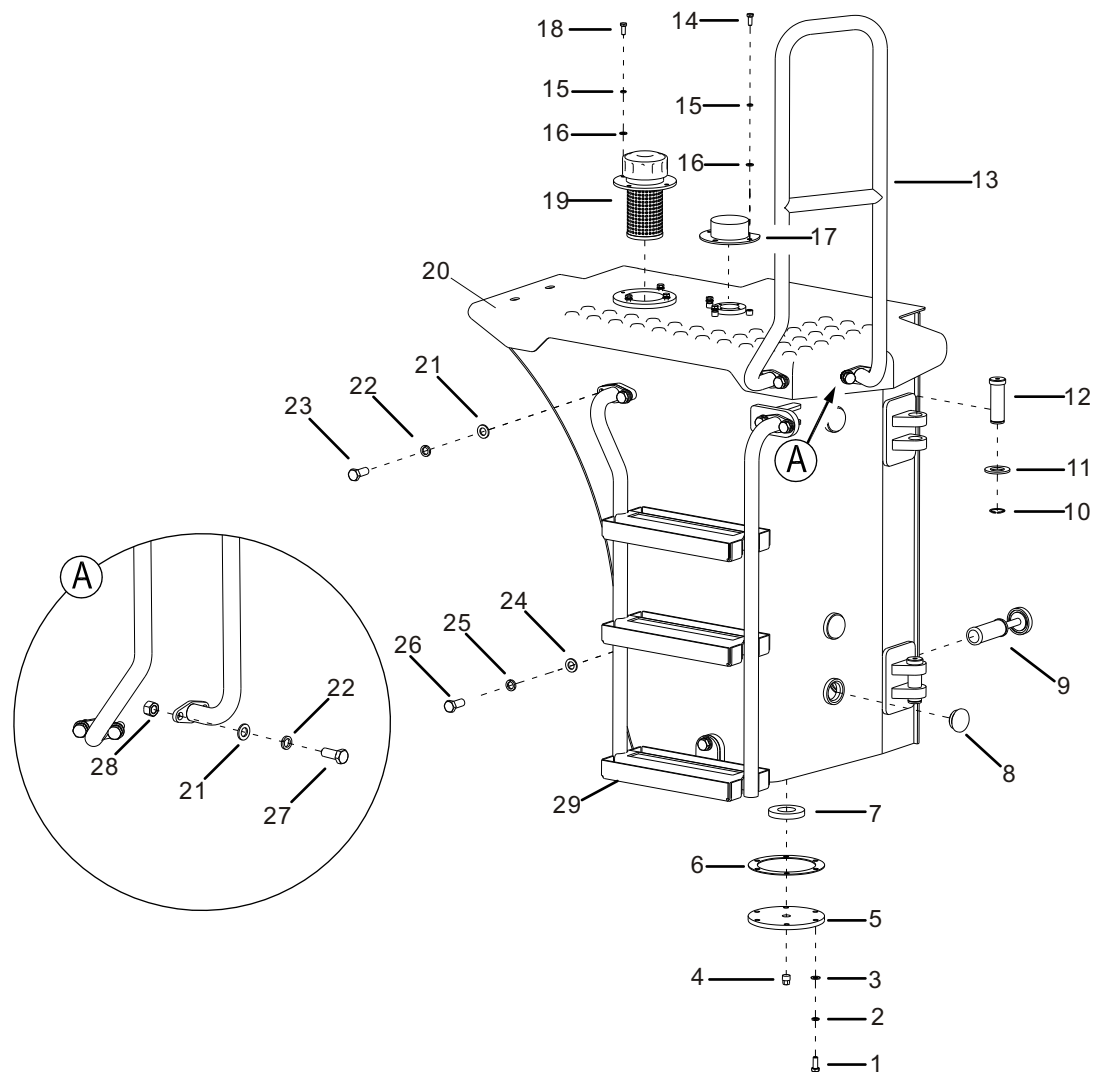
13.2 平衡重总成 COUNTER WEIGHT ASSEMBLY (30887900055)



13.2 平衡重总成 COUNTER WEIGHT ASSEMBLY (30887900055)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	30887101273	牵引销焊合	Kingpin assembly		1	
20	51536000101	销4×44	Pin 4×44		1	DIN11024
21	30887101149	灯罩封板	Lamp cover seal plate		2	
22	51421080115	垫圈6	Washer 6		4	GB/T97.1
23	51401080107	垫圈6	Washer 6		4	GB/T93
24	51204080814	螺栓M6×12	Bolt M6×12	8.8	4	GB/T5783
25	51204101214	螺栓M10×30	Bolt M10×30	8.8	6	GB/T5783
26	30887100789	放水阀保护板	Protective board of discharge water valve		1	
27	30887100219	垫圈	Washer		4	
28	51401130107	垫圈16	Washer 16		6	GB/T93
29	51204135014	螺栓M16×55	Bolt M16×55	8.8	4	GB/T5783
30	51420170121	垫圈24	Washer 24		2	GB/T96.1
31	51401170107	垫圈24	Washer 24		2	GB/T93
32	51204172014	螺栓M24×70	Bolt M24×70	8.8	2	GB/T5783
33	51307001319	螺母M16	Nut M16	8	2	GB/T6170
34	30887101198	锁板	Lockplate		2	
35	51420130121	垫圈16	Washer 16		2	GB/T96.1
36	51204133714	螺栓M16×40	Bolt M16×40	8.8	2	GB/T5783

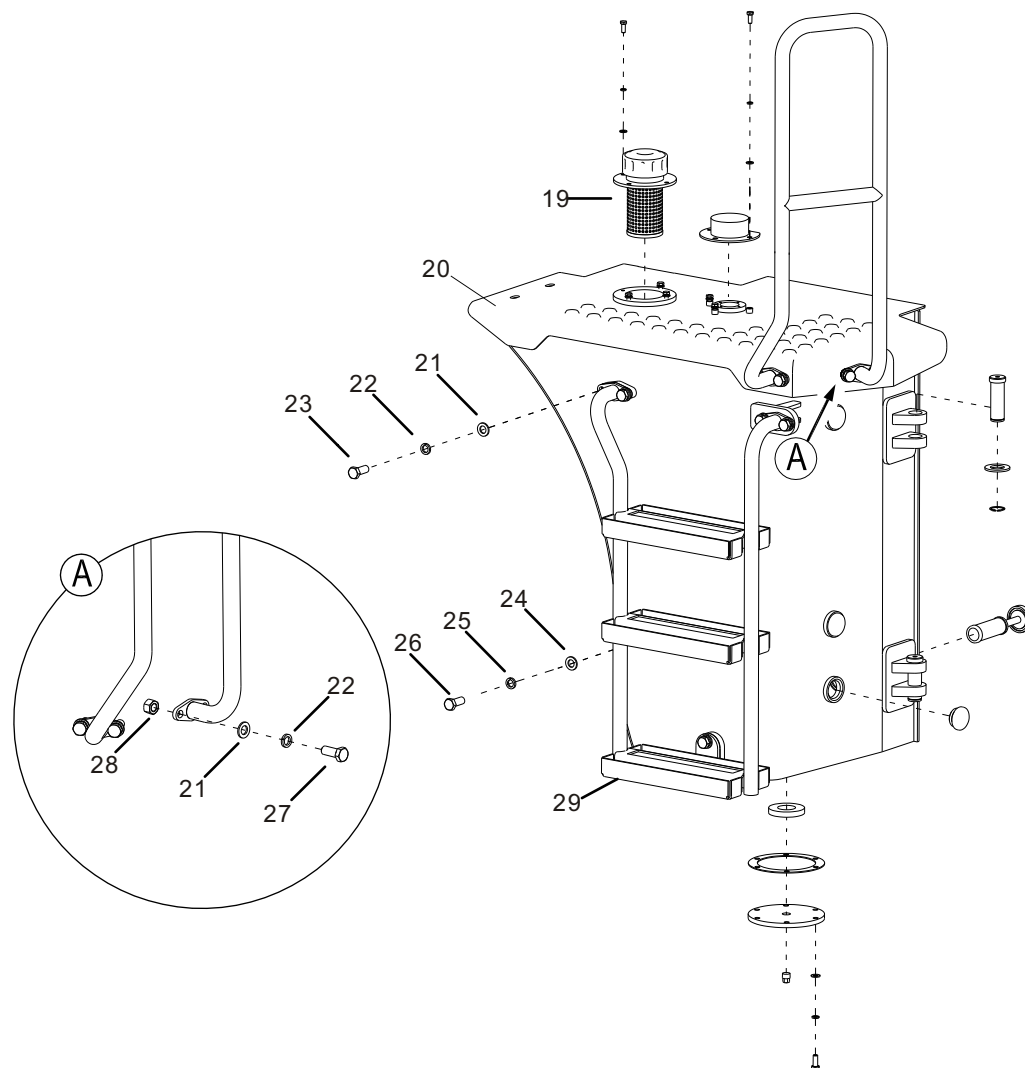
13.3 燃油箱总成 FUEL TANK ASSEMBLY (30888900036)



13.3 燃油箱总成 FUEL TANK ASSEMBLY (30888900036)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101114	螺栓M10×25	Bolt M10×25	8.8	6	GB/T5783
2	51401100107	垫圈10	Washer 10		6	GB/T93
3	51421100115	垫圈10	Washer 10		6	GB/T97.1
4	30813100211	堵头	Stopper		1	
5	30888000071	放油盖焊合	Oil drain cover welding		1	
6	60922010032	垫片	Shim		1	
7	60980000189	磁铁Φ80×Φ40×12	Magnet Φ80×Φ40×12		1	
8	60307010012	圆形油标	Circular oil leveler		3	
9	60308000027	吸油滤油器总成	Oil suction oil filter assembly		1	
10	51453270107	挡圈30	Circlip 30		2	GB/T894.1
11	51421200115	垫圈30	Washer 30		2	GB/T97.1
12	30888100154	销轴	pin shaft		2	
13	30888000061	右前扶手焊合	Right front handrail welding		1	
14	51204090914	螺栓M8×16	Bolt M8×16	8.8	3	GB/T5783
15	51401090107	垫圈8	Washer 8		7	GB/T93
16	51421090115	垫圈8	Washer 8		7	GB/T97.1
17	30888102443	液位计盖板	Cover of Oil level indicator		1	
18	51204091014	螺栓M8×20	Bolt M8×20	8.8	4	GB/T5783

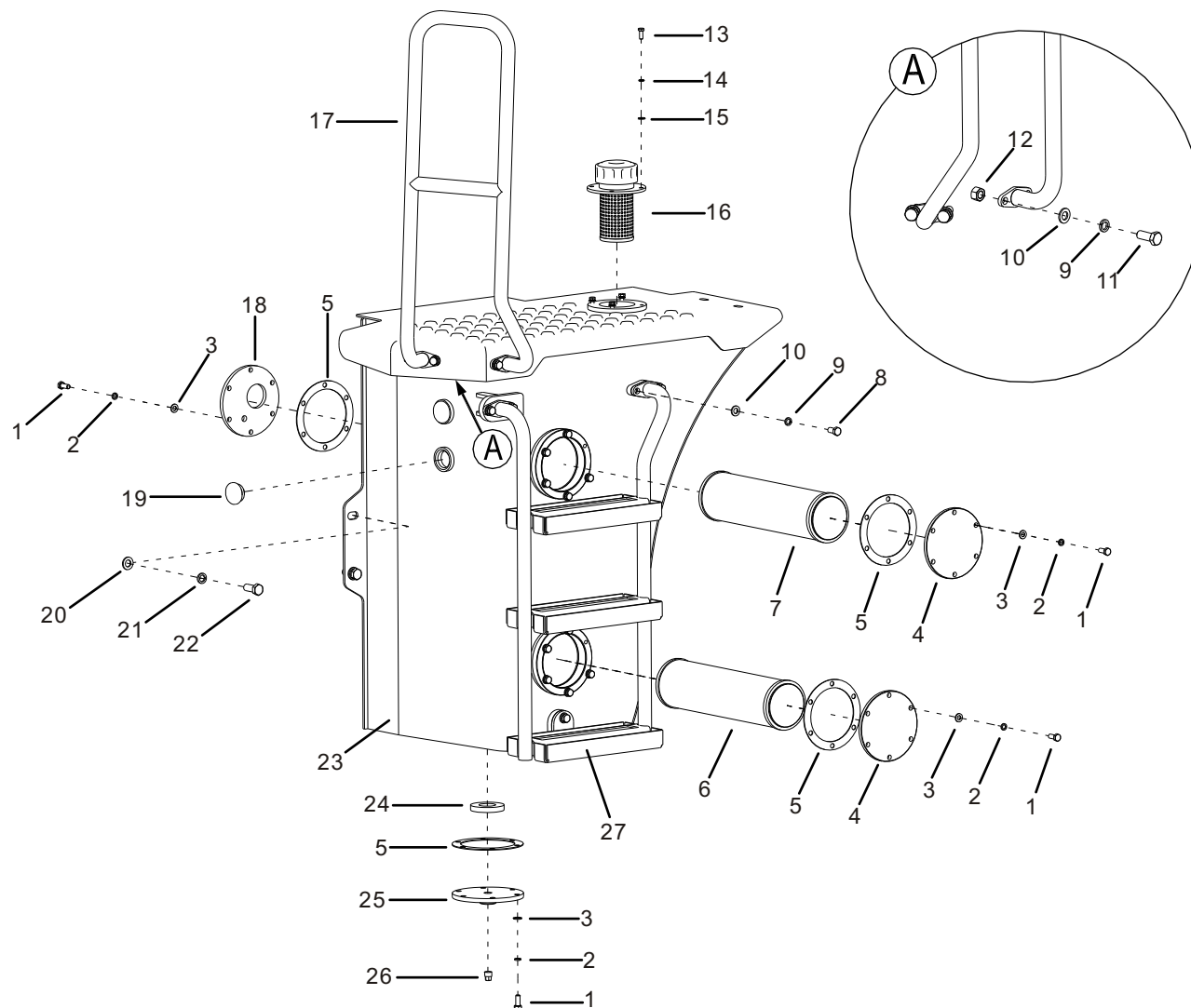
13.3 燃油箱总成 FUEL TANK ASSEMBLY (30888900036)



13.3 燃油箱总成 FUEL TANK ASSEMBLY (30888900036)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	60308000028	空气滤清器	Air filter	1	
20	30888000127	燃油箱体焊合	Fuel tank body welding	1	
21	51421110115	垫圈12	Washer 12	9	GB/T97.1
22	51401110107	垫圈12	Washer 12	9	GB/T93
23	51204111114	螺栓M12×25	Bolt M12×25	5	8.8 GB/T5783
24	51401130107	垫圈16	Washer 16	2	GB/T93
25	51421130115	垫圈16	Washer 16	2	GB/T97.1
26	51204133714	螺栓M16×40	Bolt M16×40	2	8.8 GB/T5783
27	51204111314	螺栓M12×35	Bolt M12×35	4	8.8 GB/T5783
28	51307001119	螺母M12	Nut M12	4	8 GB/T6170
29	30888000087	右爬梯焊合	Right ladder welding	1	

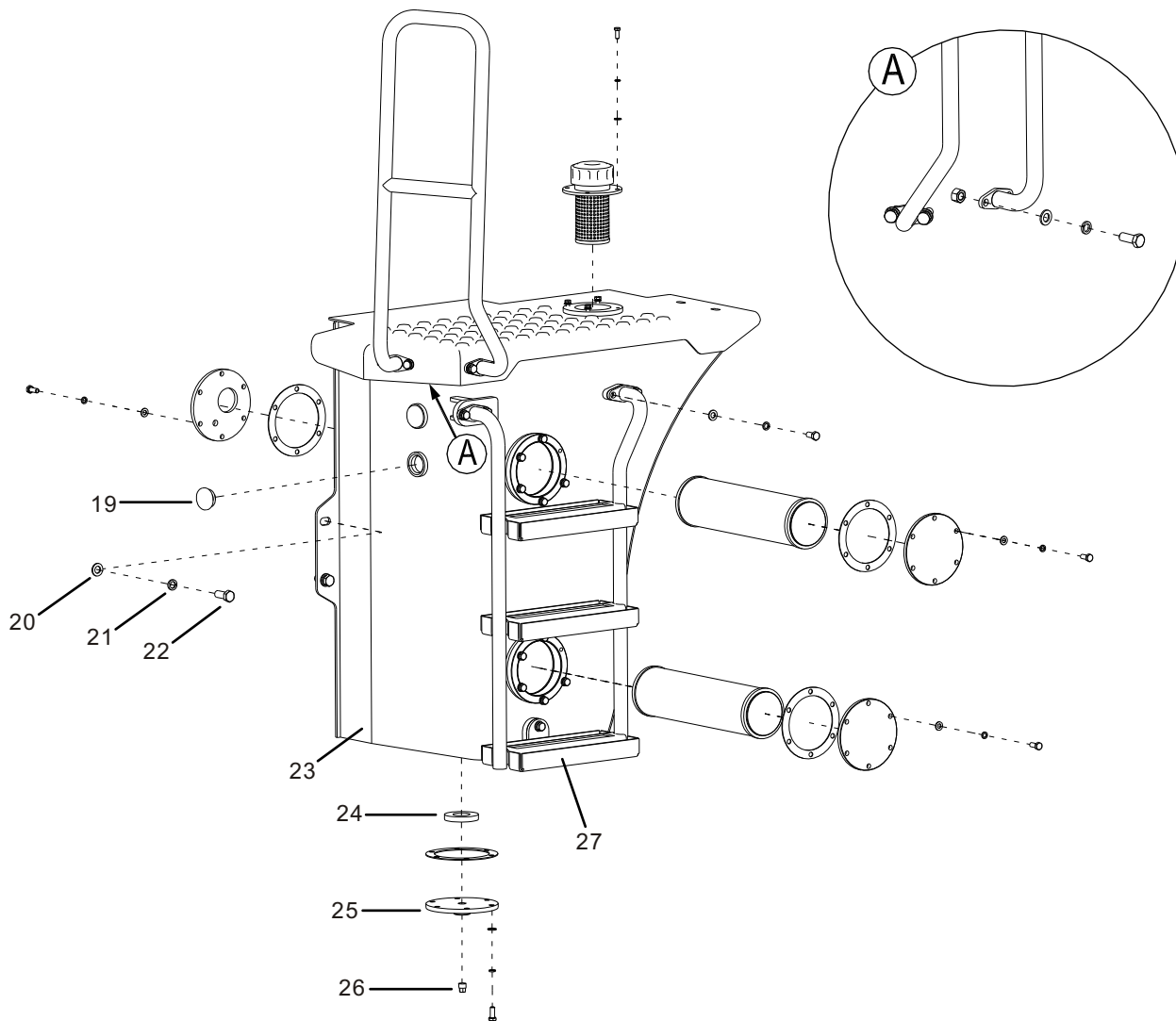
13.4 液压油箱总成 HYDRAULIC TANK ASSEMBLY (30889000205)



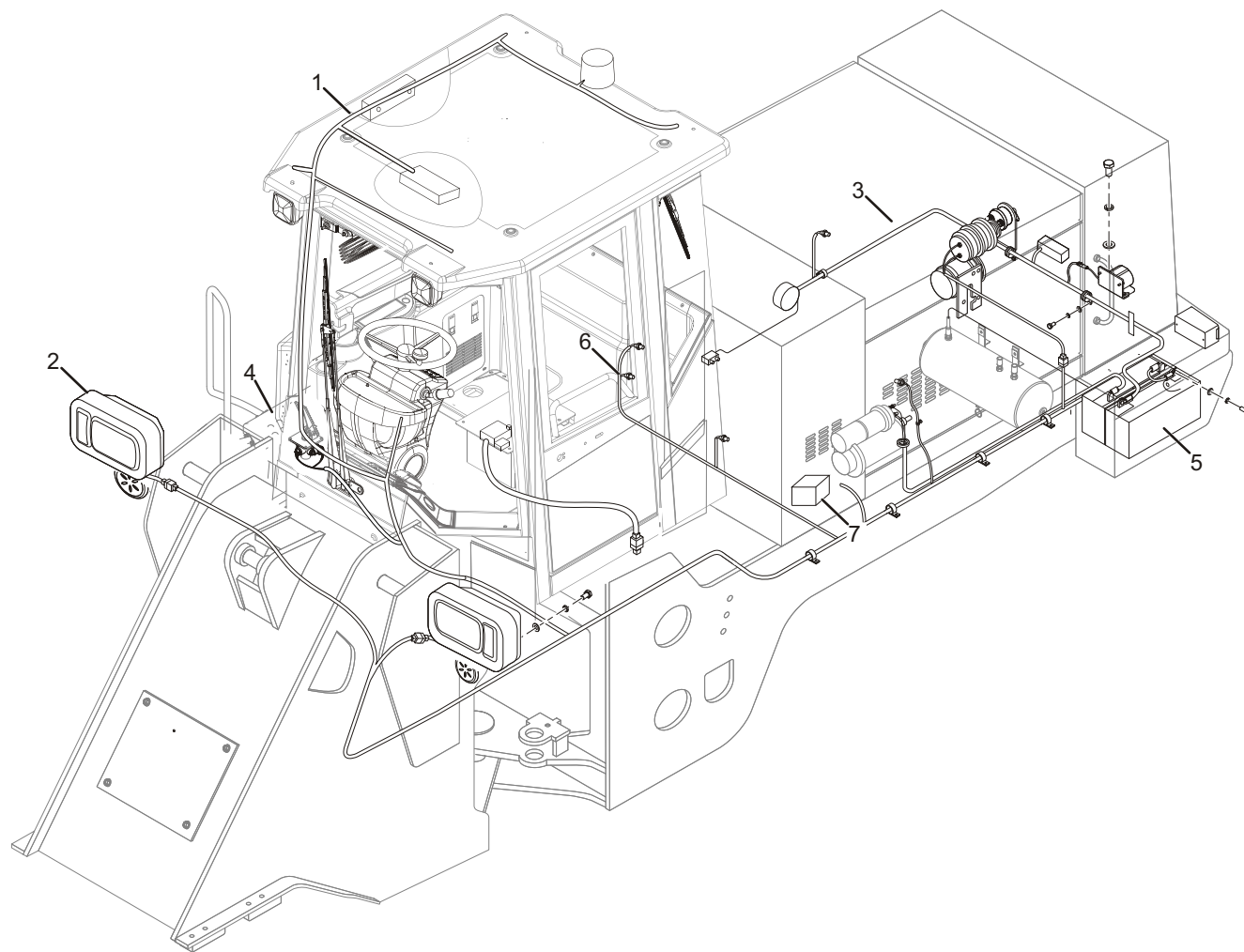
13.4 液压油箱总成 HYDRAULIC TANK ASSEMBLY (30889000205)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	51204101114	螺栓M10×25	Bolt M10×25	8.8	24	GB/T5783
2	51401100107	垫圈10	Washer 10		24	GB/T93
3	51421100115	垫圈10	Washer 10		24	GB/T97.1
4	30889000089	法兰盖总成	Flange cover assembly		2	
5	60922010032	垫片	Shim		4	
6	60308000039	吸油滤芯	Oil suction filter element		1	
7	60308000038	回油滤芯	Oil return filter element		1	
8	51204111114	螺栓M12×25	Bolt M12×25	8.8	5	GB/T5783
9	51401110107	垫圈12	Washer 12		9	GB/T93
10	51421110115	垫圈12	Washer 12		9	GB/T97.1
11	51204111314	螺栓M12×35	Bolt M12×35	8.8	4	GB/T5783
12	51307001119	螺母M12	Nut M12	8	4	GB/T 6170
13	51204091014	螺栓M8×20	Bolt M8×20	8.8	4	GB/T5783
14	51401090107	垫圈8	Washer 8		4	GB/T93
15	51421090115	垫圈8	Washer 8		4	GB/T97.1
16	60101100556	空气滤清器	Air filter		1	
17	30889000104	左前扶手焊合	Left front handrail welding		1	
18	30889000156	回油法兰焊合	Absorption filter flange welding		1	

13.4 液压油箱总成 HYDRAULIC TANK ASSEMBLY (30889000205)



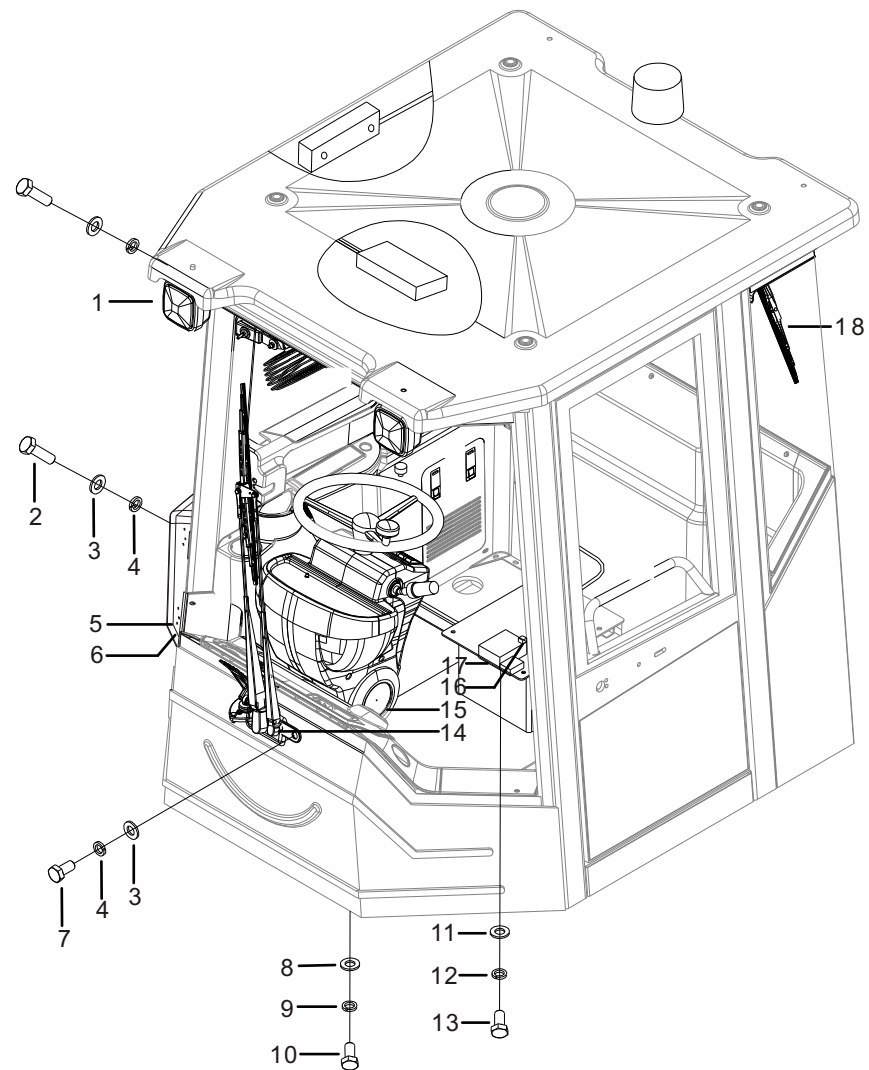
[illegible]

14 电气系统 ELECTRIAL SYSTEM (30815900212)

14 电气系统 ELECTRICAL SYSTEM (30815900212)

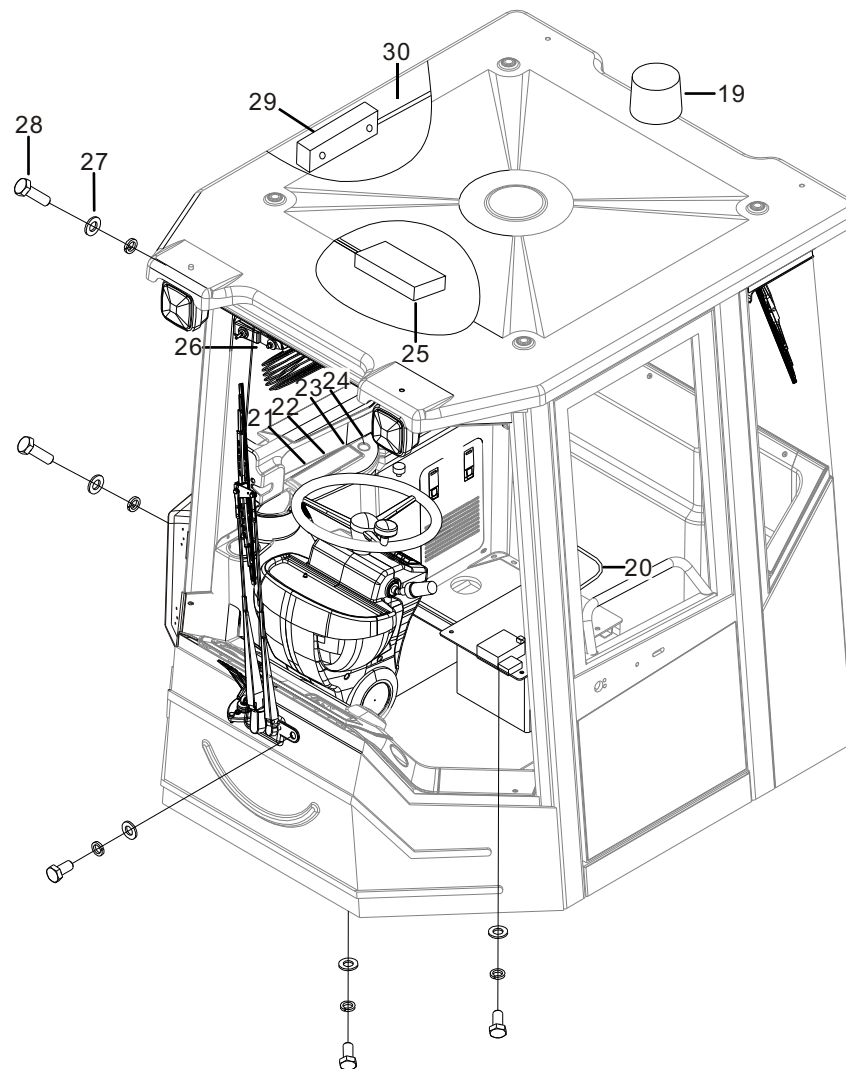
[illegible]

14.1 驾驶室电气布置 ELECTRICAL WIRING OF CAB (30815900212)



14.1 驾驶室电气布置 ELECTRICAL WIRING OF CAB (30815900212)						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60404011580	拖方大灯	Headlamp		4	
2	51204091014	螺栓M8×20	Bolt M8×20	8.8	6	GB/T5783
3	51421090115	垫圈8	Washer 8		8	GB/T97.1
4	51401090107	垫圈8	Washer 8		8	GB/T93
5	30815000256	暖风机装配总成	Installation assembly of fan heater		1	选配Optional
6	60400000628	空调总成	A/C assembly		1	⇒ 187
7	51204091114	螺栓M8×25	Bolt M8×25	8.8	2	GB/T5783
8	51421110115	垫圈12	Washer 12		4	GB/T97.1
9	51401110107	垫圈12	Washer 12		4	GB/T93
10	51204111214	螺栓M12×30	Bolt M12×30	8.8	4	GB/T5783
11	51420080121	垫圈6	Washer 6		4	GB/T96.1
12	51401080107	垫圈6	Washer 6		7	GB/T93
13	51204080814	螺栓M6×12	Bolt M6×12	8.8	4	GB/T5783
14	60400000569	前雨刮器总成	Front windscreen wiper assembly		1	⇒ 181
15	60400000707	独立仪表台总成	Stand-alone IP assembly		1	⇒ 185
16	60405030122	继电器	Relay		1	
17	60403010079	中央控制盒	Central control box		1	⇒ 197
18	60400000572	后雨刮器总成	Rear windscreen wiper assembly		1	⇒ 183

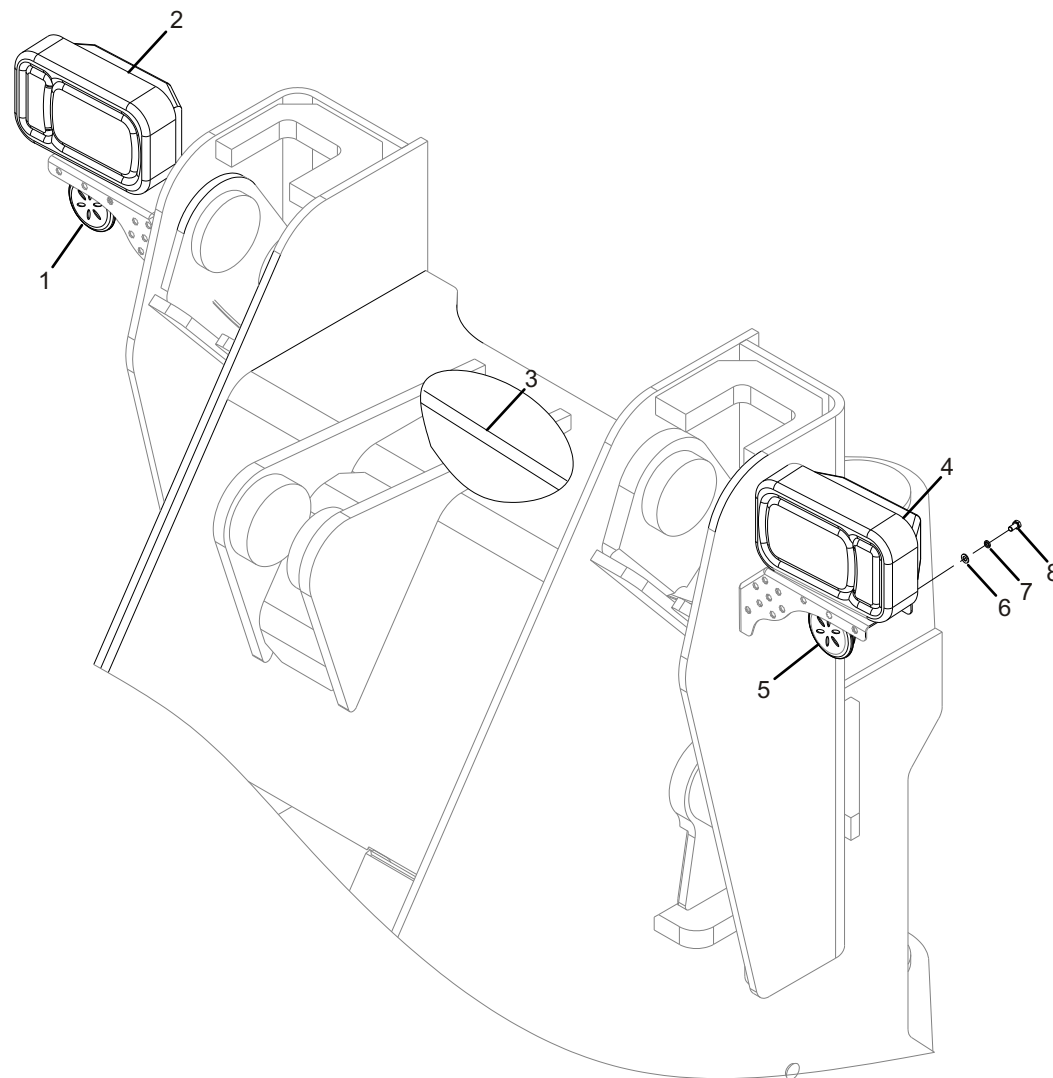
14.1 驾驶室电气布置 ELECTRICAL WIRING OF CAB (30815900212)



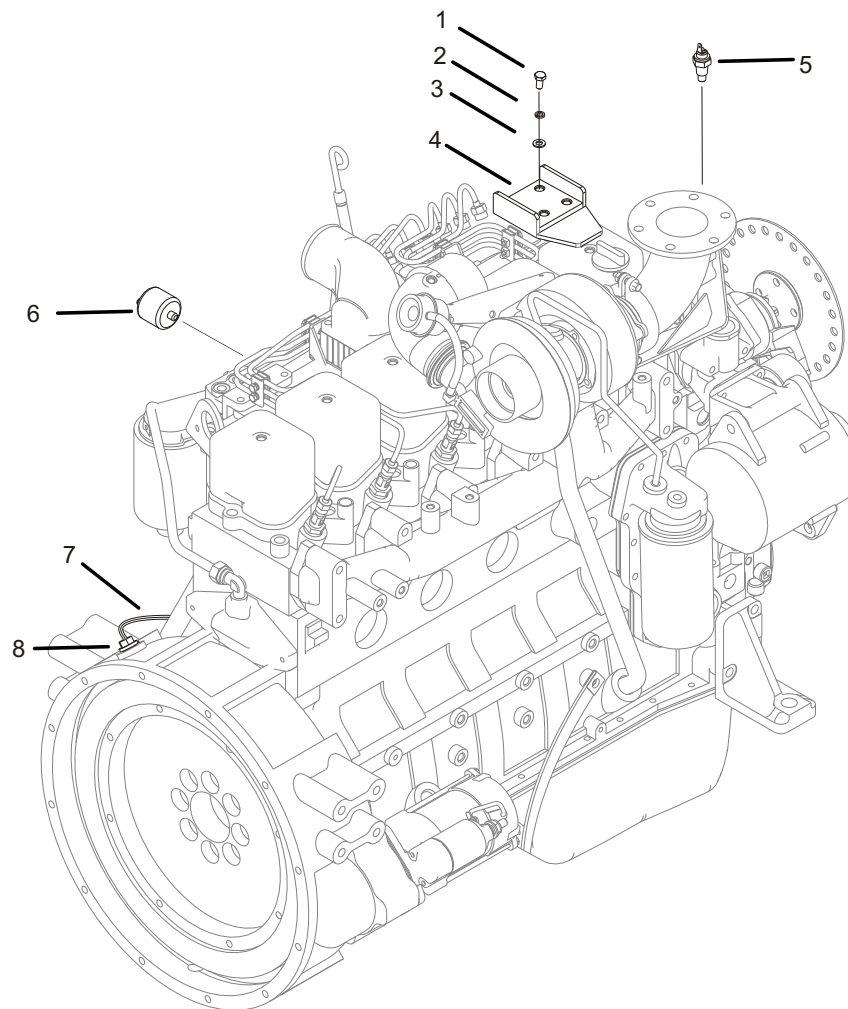
14.1 驾驶室电气布置 ELECTRICAL WIRING OF CAB (30815900212)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	60400000553	警示灯	Warning lamp	1	
20	60400000703	操作台线束	Control console harness	1	
21	60400000706	翘板开关	Rocker switch	1	
22	60400000751	后窗加热开关	Rear window heater switch	1	与后窗加热玻璃一同选装
					Optional with rear window heater switch
23	60400000752	后窗加热连接线	Rear window heater cable	1	与后窗加热玻璃一同选装
					Optional with rear window heater switch
24	60400000670	12V充电座	12V charging rack	1	
25	60402050240	吸顶灯	Ceiling lamp	1	
26	60401050021	电风扇	Electric fan	1	选配Optional
27	51421080115	垫圈6	Washer 6	3	GB/T97.1
28	51158190704	螺钉M6×25	Screw M6×25	4.8	3 GB/T818
29	60400000727	MP3播放器	MP3 Player	1	
30	60400000701	驾驶室线束	Cab harness	1	

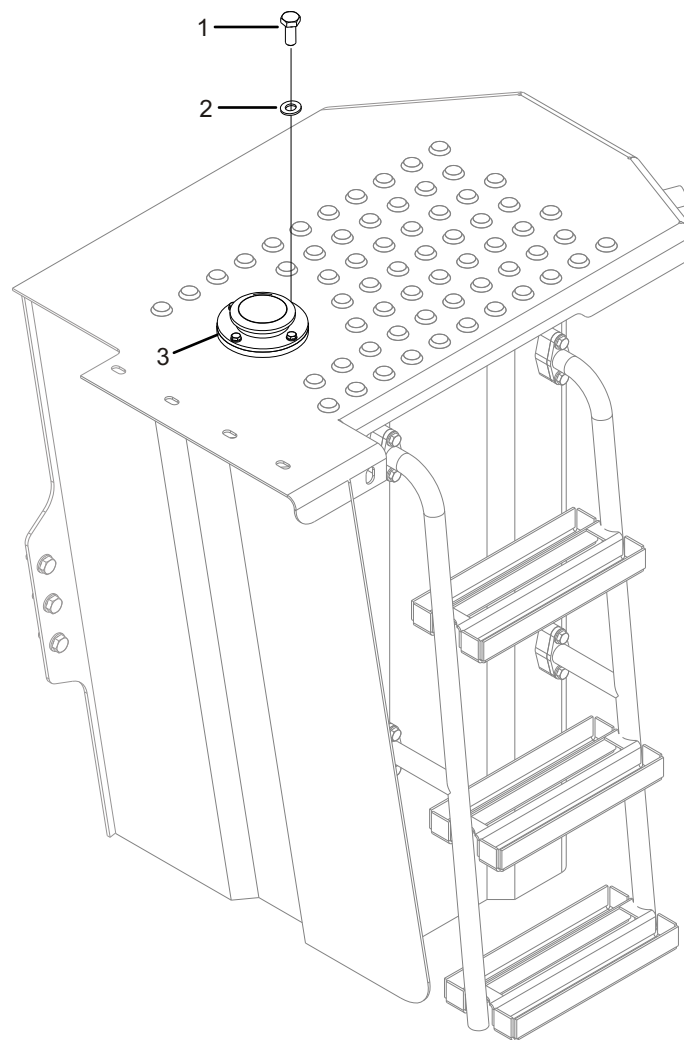
14.2 前车架电气布置 ELECTRICAL WIRING OF FRAME (30815900212)



[illegible]

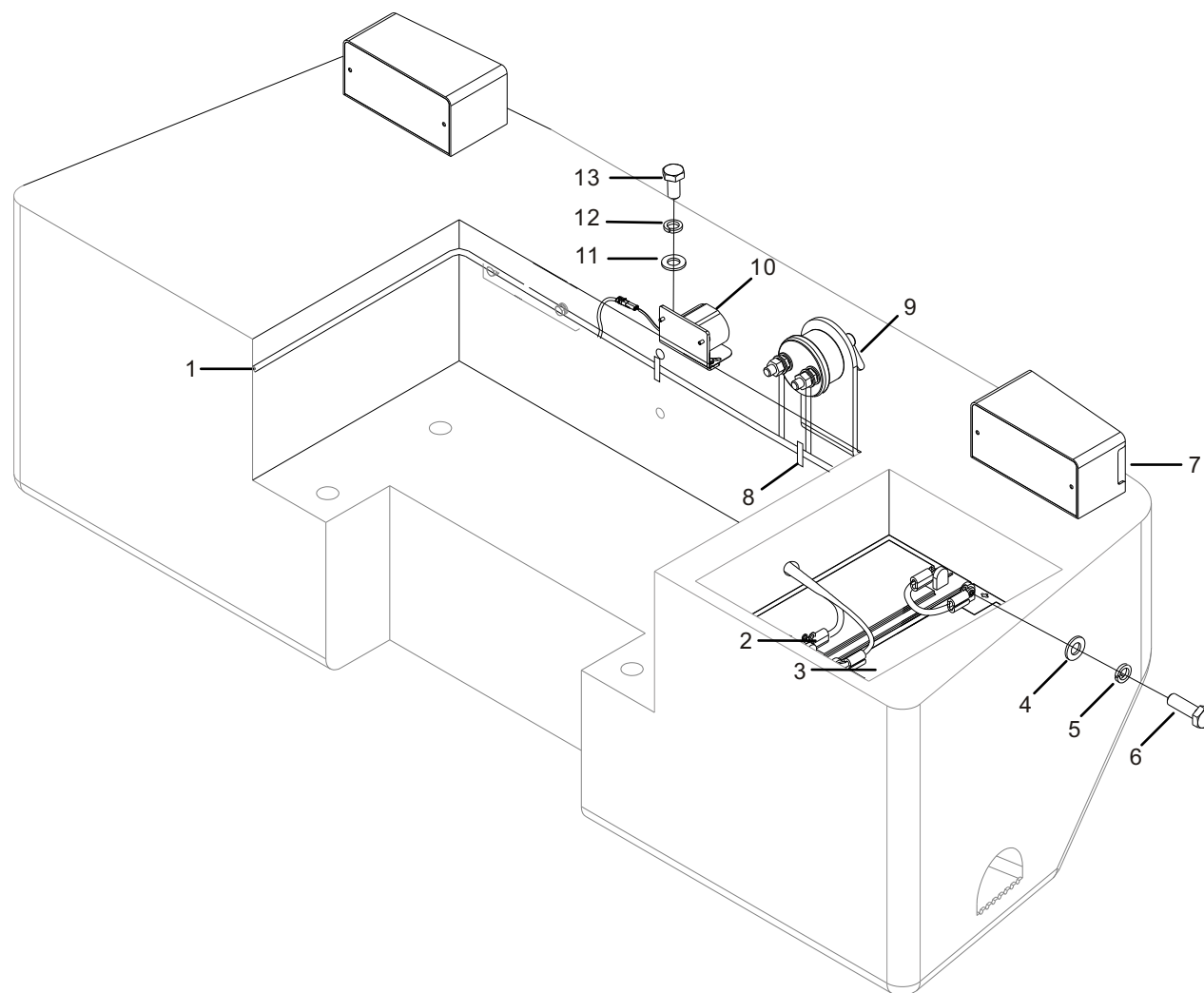
14.3 发动机电气布置 ELECTRIAL WIRING OF ENGINE (30815900212)

[illegible]

14.4 油箱电气布置 ELECTRIAL WIRING OF OIL TANK (30815900212)

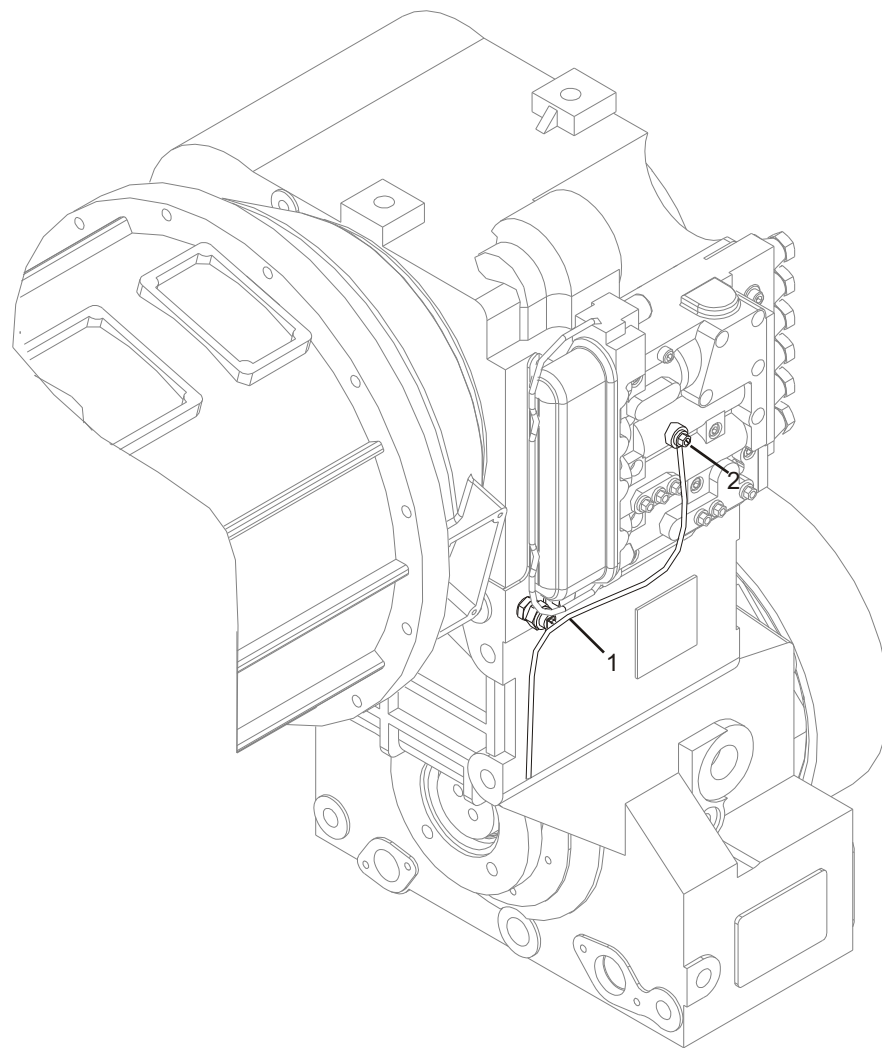
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14.5 平衡重电气布置 ELECTRICAL WIRING OF COUNTER WEIGHT (30815900212)

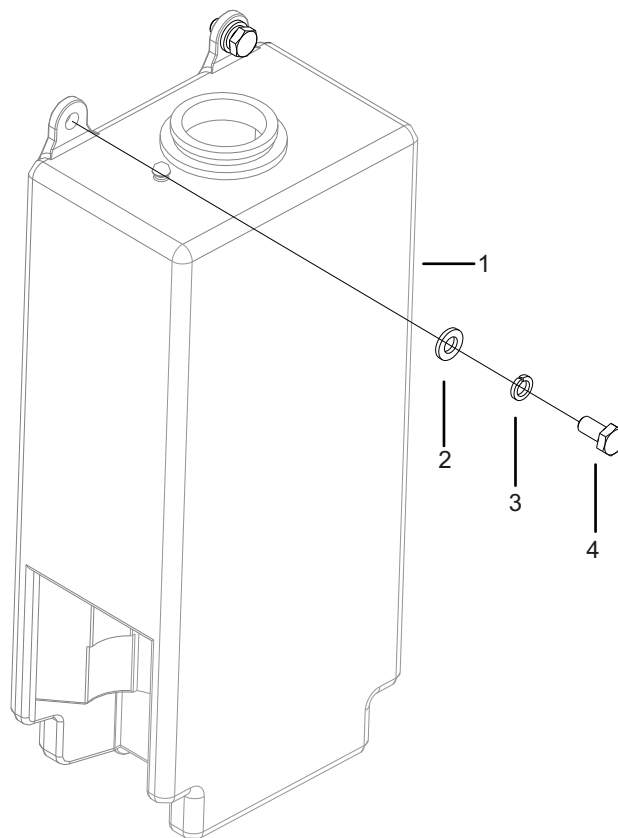


14.5 平衡重电气布置 ELECTRICAL WIRING OF COUNTER WEIGHT (30815900212)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60400000702	后车架线束	Rear frame harness	1	
2	60400000718	电瓶线	Battery harness	1	
3	60401030006	蓄电池	Battery	2	
4	51401090107	垫圈8	Washer 8	4	GB/T93
5	51421090115	垫圈8	Washer 8	4	GB/T97.1
6	51204091114	螺栓M8×25	Bolt M8×25	4	8.8 GB/T5783
7	60402050183	后尾灯	Taillamp	2	
8	60980000190	尼龙扎带	Nylon strip	40	
9	60405020184	电源总开关	Master power switch	1	
10	60980000164	倒车蜂鸣器	Reverse buzzer	1	
11	51401080107	垫圈6	Washer 6	2	GB/T93
12	51420080121	垫圈6	Washer 6	2	GB/T96.1
13	51204081014	螺栓M6×20	Bolt M6×20	2	8.8 GB/T5783

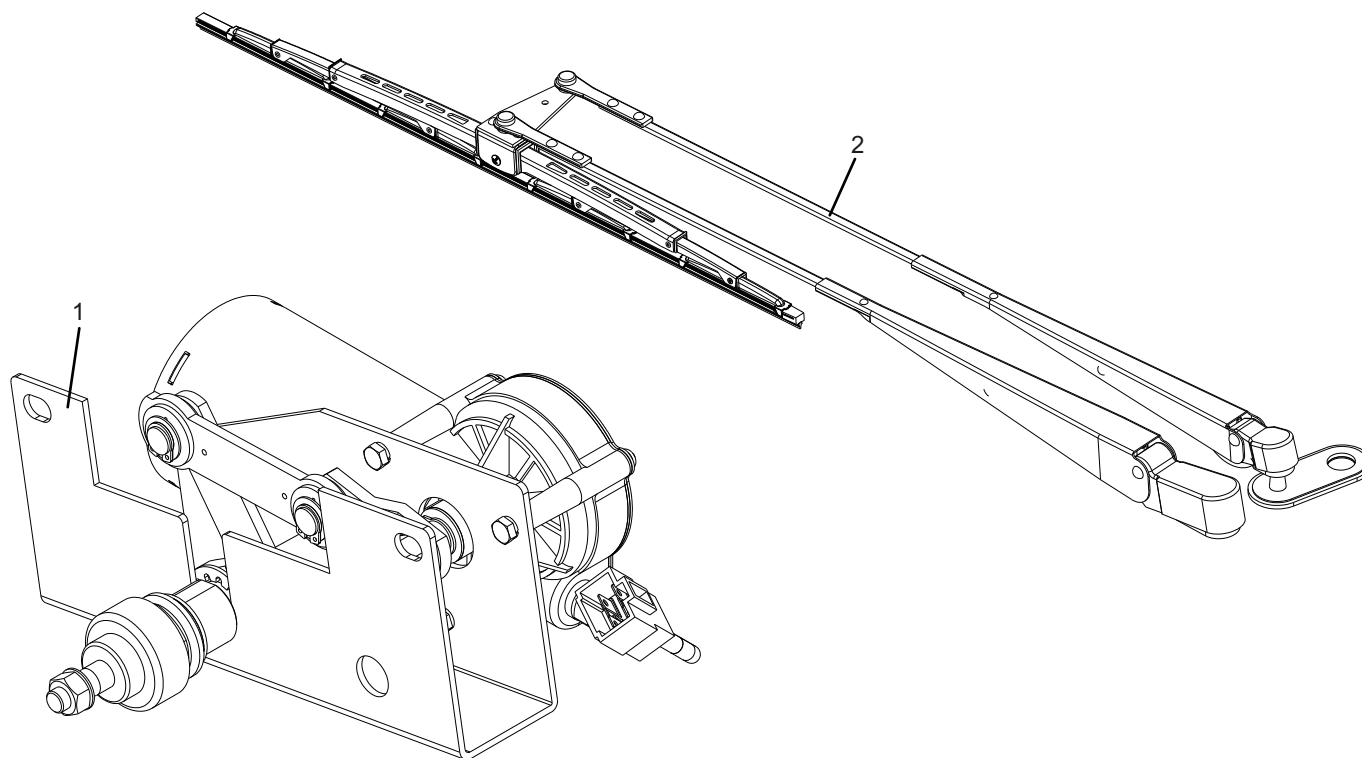
14.6 变速箱处电气布置 ELECTRICAL WIRING OF TRANSMISSION (30815900212)

[illegible]

14.7 洗涤剂电气布置 ELECTRIAL WIRING OF SCRUBBER (30815900212)

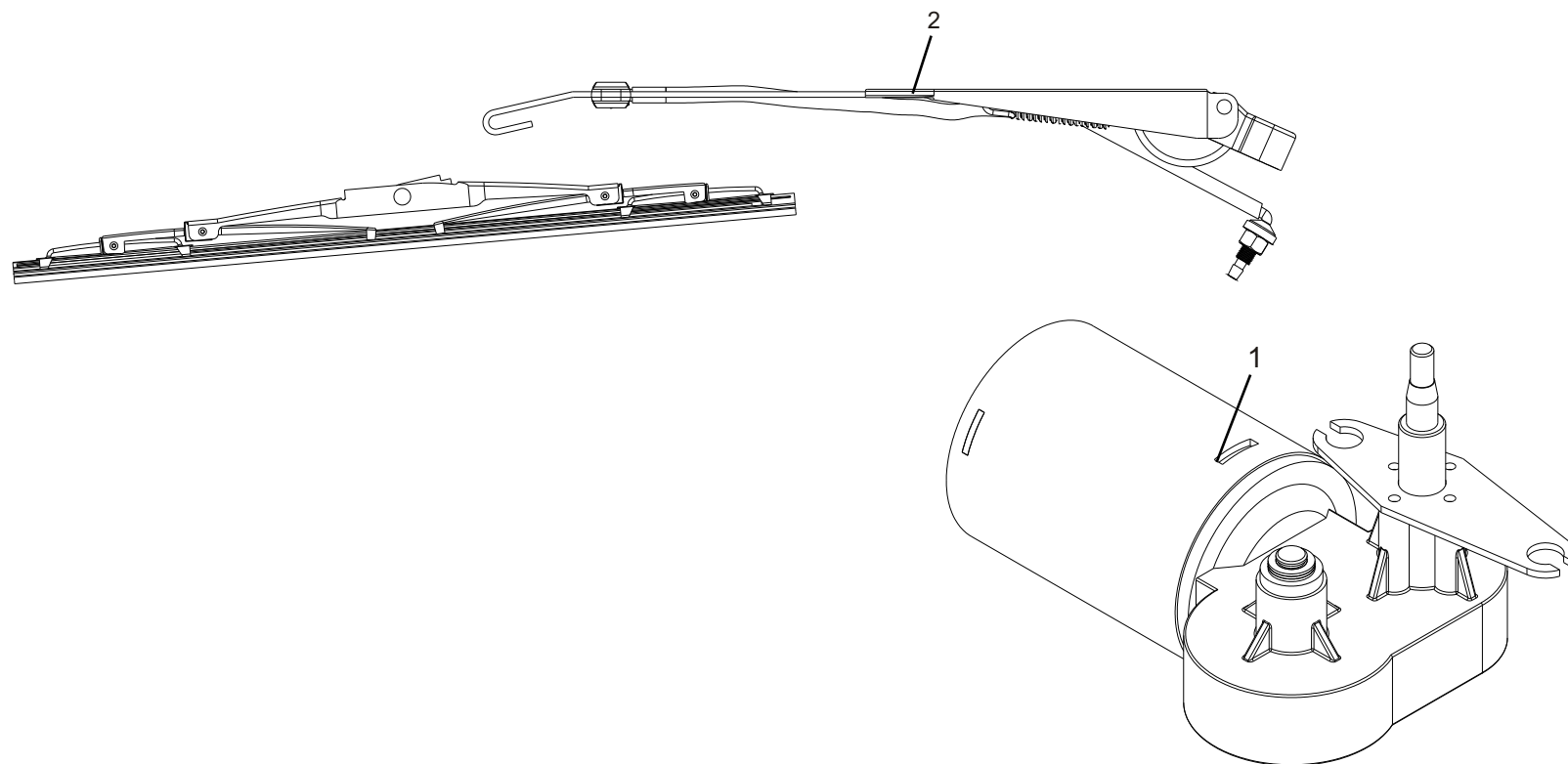
[illegible]

14.8 前雨刮器总成 FRONT WIPER ASSEMBLY (60400000569)



14.8 前雨刮器总成 FRONT WIPER ASSEMBLY (60400000569)

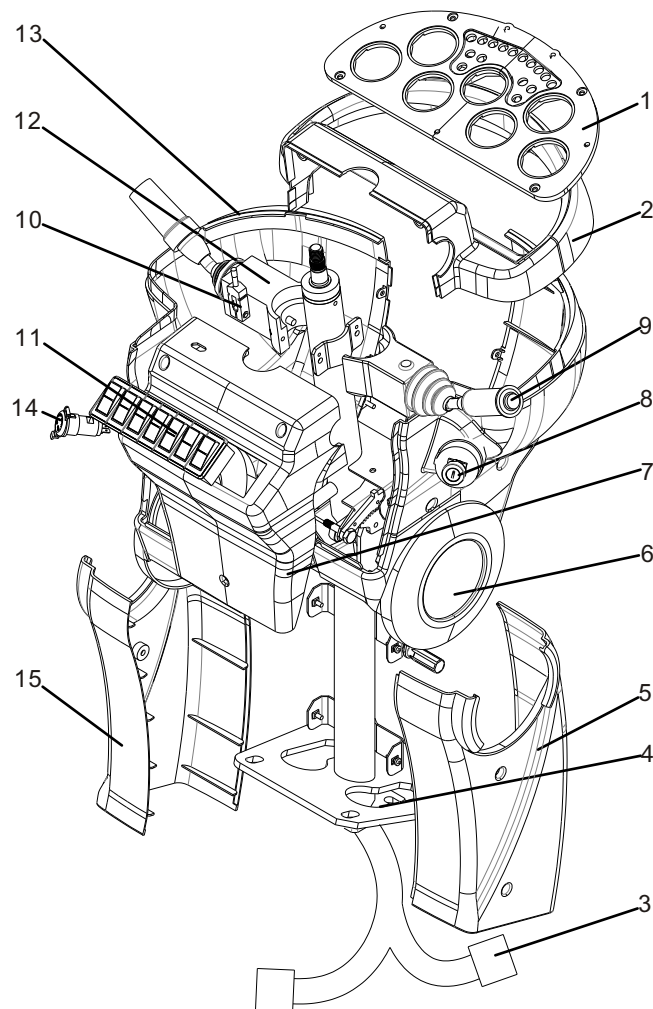
[illegible]

14.9 后雨刮器总成 REAR WIPER ASSEMBLY (60400000572)

14.9 后雨刮器总成 REAR WIPER ASSEMBLY (60400000572)

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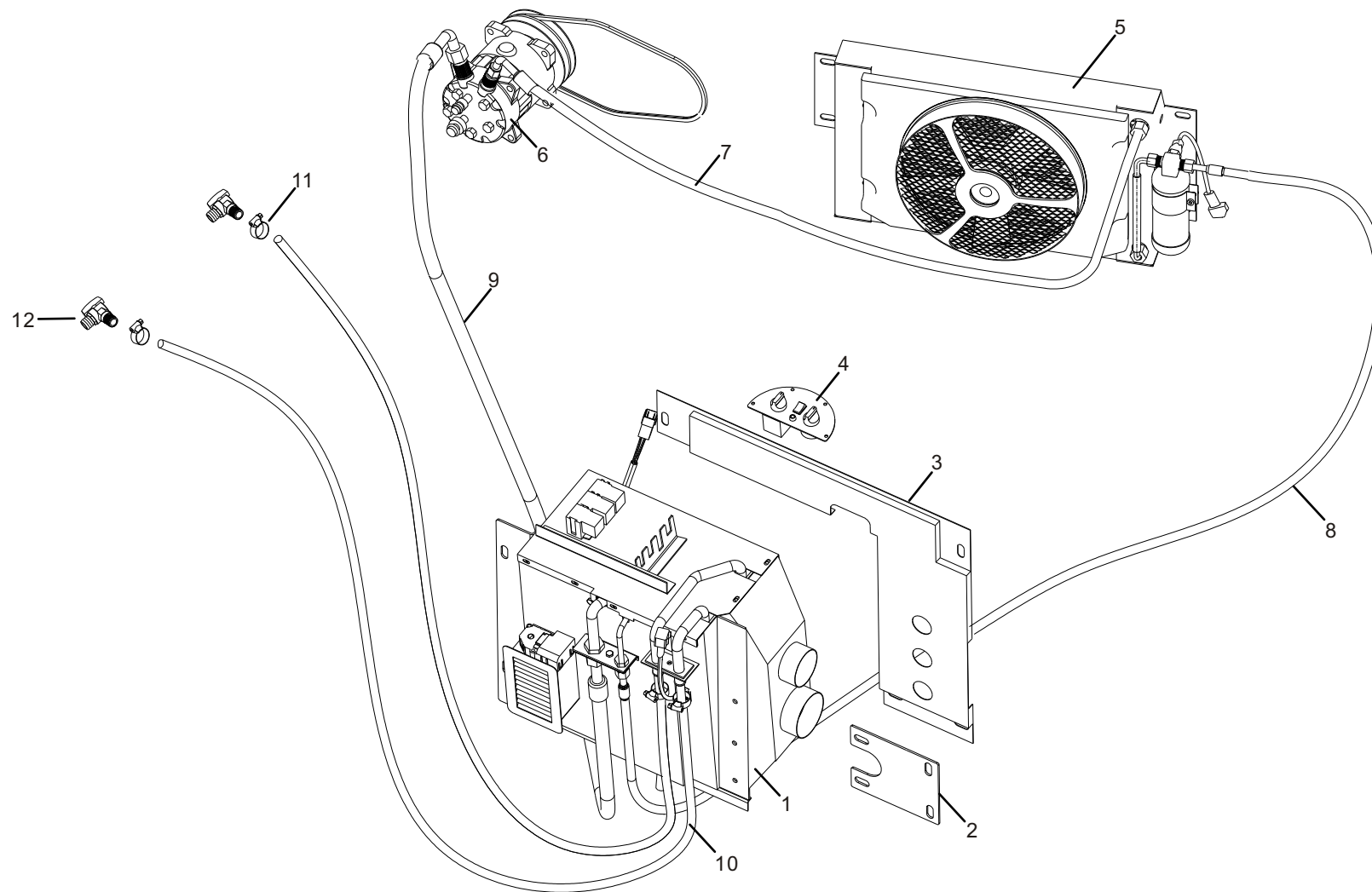
14. 10 独立仪表台总成 STAND-ALONE IP ASSEMBLY (60400000707)



14. 10 独立仪表台总成 STAND-ALONE IP ASSEMBLY (60400000707)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60400000725	组合仪表	Instrument assembly		1	CDM835EV.15.99
2	60400000612	仪表框	Instrument frame		1	LG855DS.15.60.15
3	60400000713	线束总成	Harness assembly		1	CDM835EV.15.06
4	60400000613	内支架总成	Inner support assembly		1	LG855DS.15.60.22
5	60400000614	右下壳	Right upper cover		1	LG855DS.15.60.19
6	60400000619	右上壳	Right lower cover		1	LG855DS.15.60.17
7	60400000616	后壳	Rear cover		1	LG855DS.15.60.20
8	60405020343	电锁开关JK4004	Electric lock switch JK4004		1	CDM835EI.15.14
9	60405020346	组合开关JK369K	Combination switch JK369K		1	CDM835EI.15.42
10	60400001219	拨动开关手柄	Handle of toggle switch		1	LG855.2-06.2
11	60400000608	翘板开关	Panel switch		1	LG855DS.15.60.11
12	60207020007	电控手柄	Electric handle		1	CDM835EGTII.05.03
13	60400000617	左上壳	Left upper cover		1	LG855DS.15.60.16
14	60404011588	外接电源24V 120W	External power supply 24V 120W		1	LG855BII.15.33
15	60400000615	左下壳	Left Lower cover		1	LG855DS.15.60.18

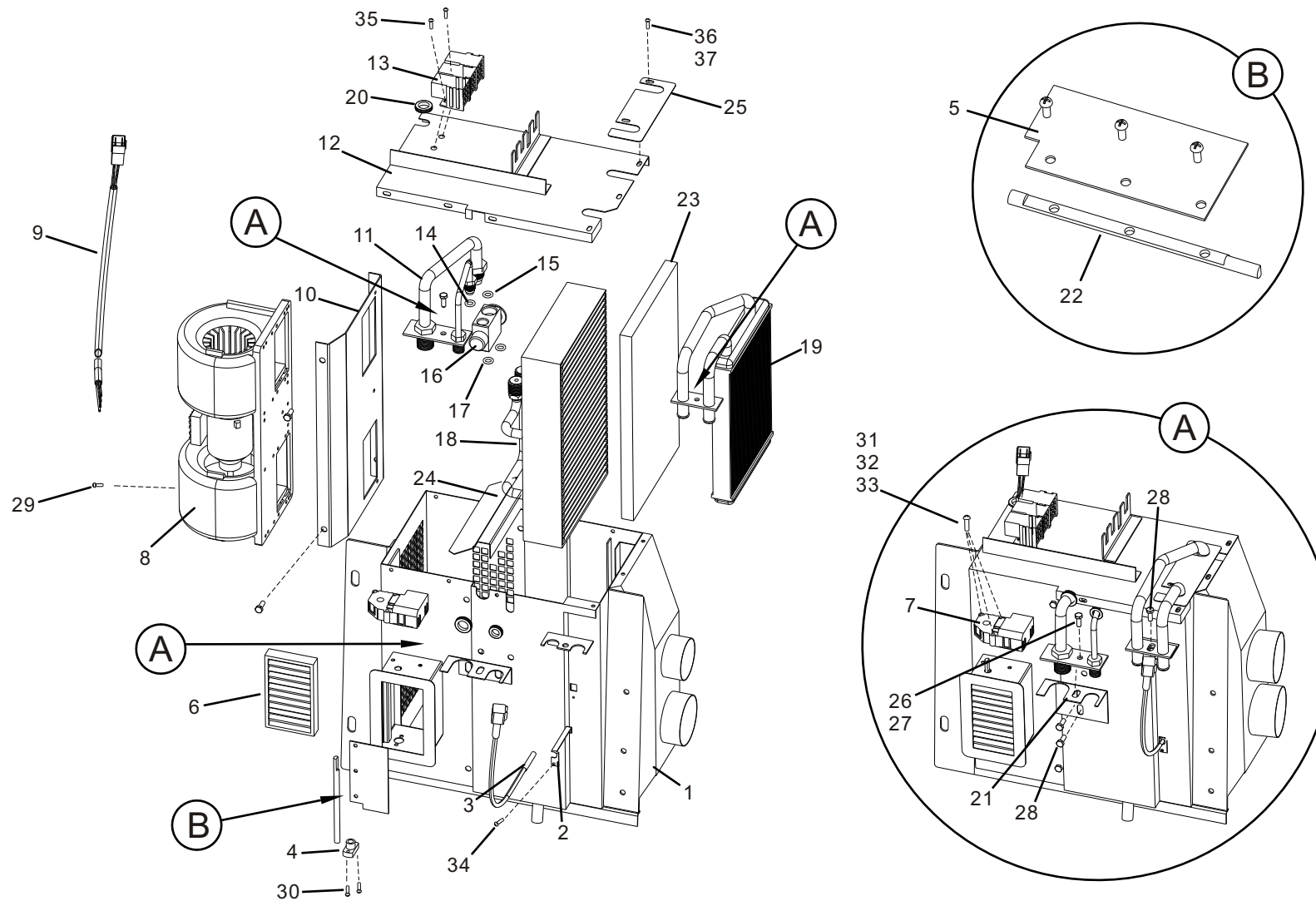
14.11 空调总成 AIR CONDITION ASSEMBLY (60400000628)



14.11 空调总成 AIR CONDITION ASSEMBLY (60400000628)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60900003002	蒸发器总成	Evaporator assembly	1	050109002 ⇨ 189
2	60100002686	蒸发器固定板	Evaporator fixed plate	1	041509003
3	60100002687	密封板	Sealing plate	1	041009003
4	60100002618	控制面板	Control panel	1	012400017
5	60100002345	冷凝器	Condenser	1	050200013 ⇨ 195
6	60100002597	压缩机	Compressor	1	01010018 / 5H14 24V单B槽
7	60100002638	KC管	KC tube	1	050609011
8	60100002653	FE管	FE tube	1	050609009
9	60100002661	EK管	EK tube	1	050609010
10	60100002665	暖风水管	Heater water pipe	1	020502002
11	60100002629	管扣12-27	Pipe fastener	4	020600033
12	60100002632	水阀NTP3/8	Water valve	2	010803005

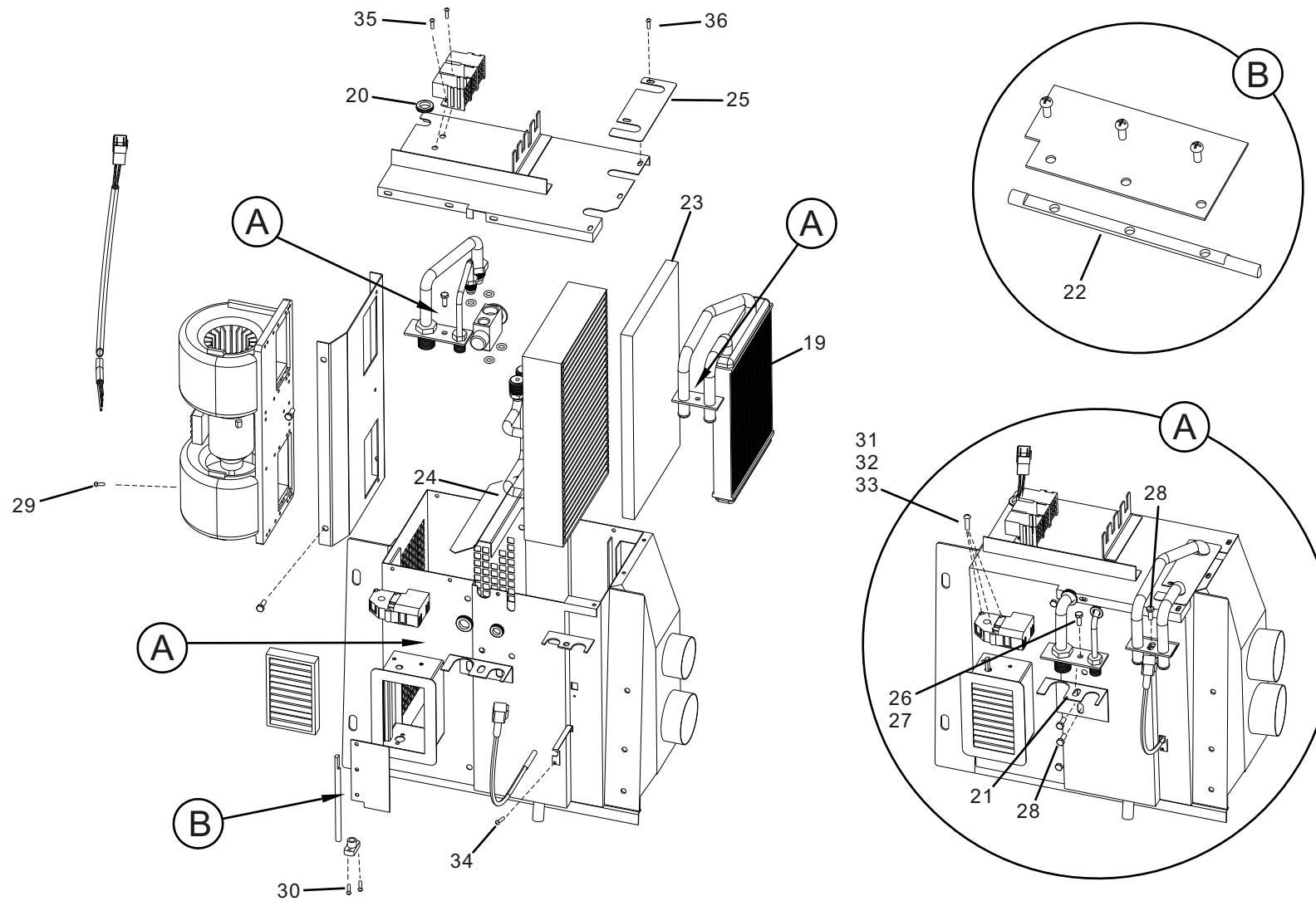
14. 11. 1 蒸发器总成 EVAPORATOR ASSEMBLY(60900003002)



14. 11. 1 蒸发器总成 EVAPORATOR ASSEMBLY(60900003002)

序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60100002677	蒸发箱体	Evaporation box		1	040709002
2	60100002688	温控夹子	Temperature control clip		1	041700017
3	60900003025	温控探头	Temperature control probe		1	
4	60100002614	风门轴座	Throttle shaft seat		1	041900016
5	60100002615	风门	Wind door		1	041909001
6	60100002617	棉纸滤网	Filter paper	125.5 × 75 × 17	1	021001007
7	60100002611	执行器	Actuator	24V	1	012400019 / ZXQ-24-10
8	60100002612	鼓风机	Blower	ZHF283502L	1	011900016
9	60900003027	鼓风机线束	Blower wire harness		1	
10	60100002681	风机座	Fan base		1	041509002
11	60100002609	连接管	Connecting pipe		1	0205030004
12	60100002672	盖板	Cover plate		1	041009002
13	60900003013	继电器总成	Relay assembly		1	
14	60900003015	密封圈	O-ring seal	Φ8.1 × 1.8	1	021300006
15	60900003016	密封圈	O-ring seal	Φ14 × 1.8	1	021300005
16	60100002624	膨胀阀	Expansion valve	H型	1	010801007
17	60900003017	密封圈	O-ring seal	Φ11.2 × 1.8	2	021300004
18	60100002605	蒸发器芯体	Evaporator core		1	80200500-0

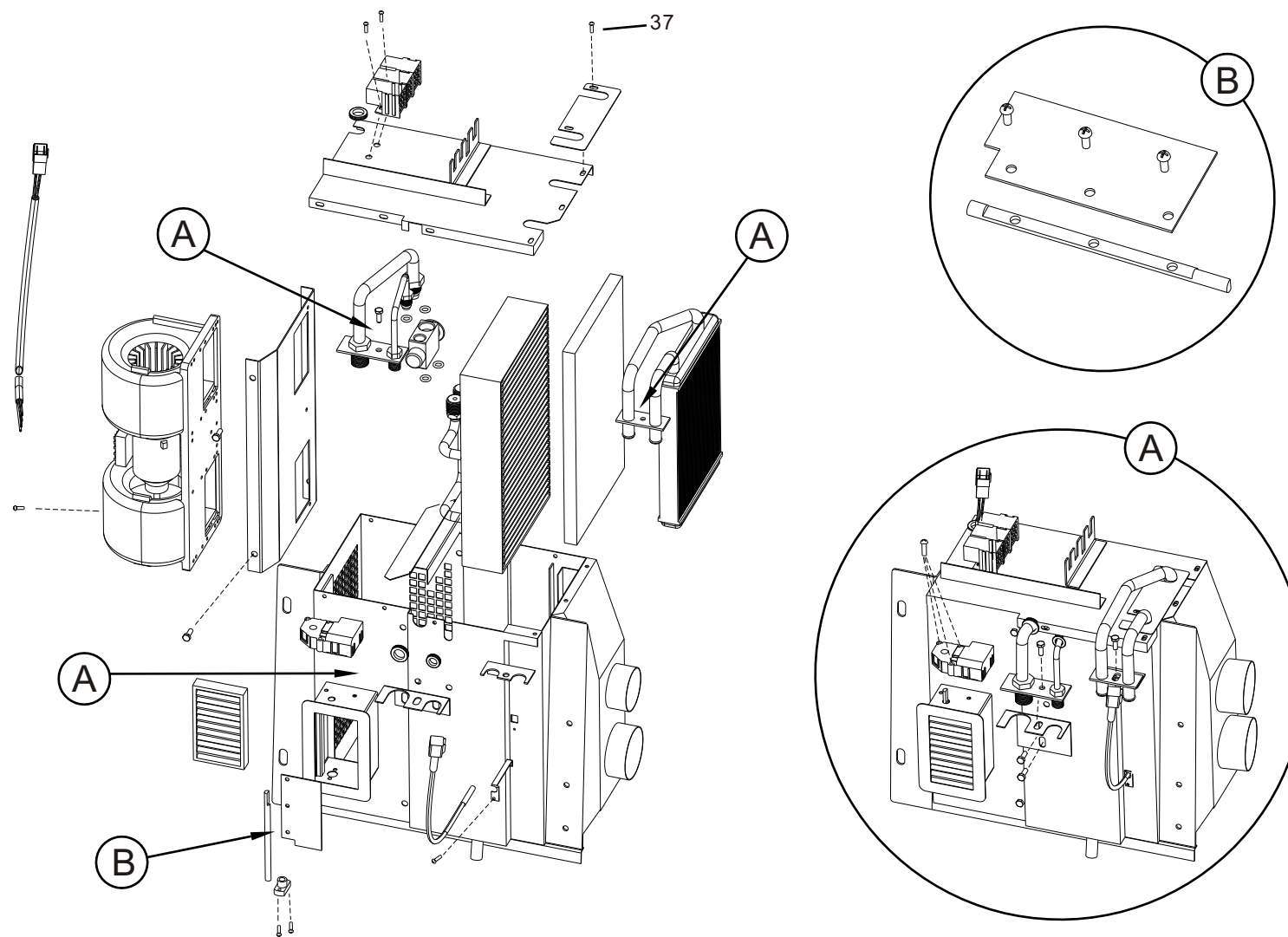
14. 11. 1 蒸发器总成 EVAPORATOR ASSEMBLY(60900003002)



14. 11. 1 蒸发器总成 EVAPORATOR ASSEMBLY(60900003002)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	60100002623	暖风水箱	Amolile radiator	1	80401700-0
20	60900003024	护套	Sheath	1	020910005
21	60100002689	连接管固定板	Connecting pipe fixing plate	1	041709001
22	60100002616	风门轴	Throttle shaft	1	100100502
23	60900003021	滤水网	Water strainer	1	
24	60100002690	挡水板	Dash plate	1	041009000
25	60100002691	水箱封板	Wanter tank seal plate	1	041009005
26	51204080914	外六角螺栓	Hexagon bolts	1	
27	51421080115	平垫	Plane pad	1	
28	60900003042	外六角螺栓	Hexagon bolts	3	
29	60900003035	圆头十字螺栓	Round cross bolt	7	
30	60900003043	圆头十字螺栓	Round cross bolt	2	
31	60900003033	圆头十字螺栓	Round cross bolt	3	
32	51421060115	平垫	Plane pad	3	
33	51401060107	弹垫	Spring pad	3	
34	60900003037	自攻螺丝	Self tapping screw	1	
35	60900003030	内六角螺栓	Inside hexagonal bolt	2	
36	60900003032	大头圆十字螺栓	Round cross bolt	11	

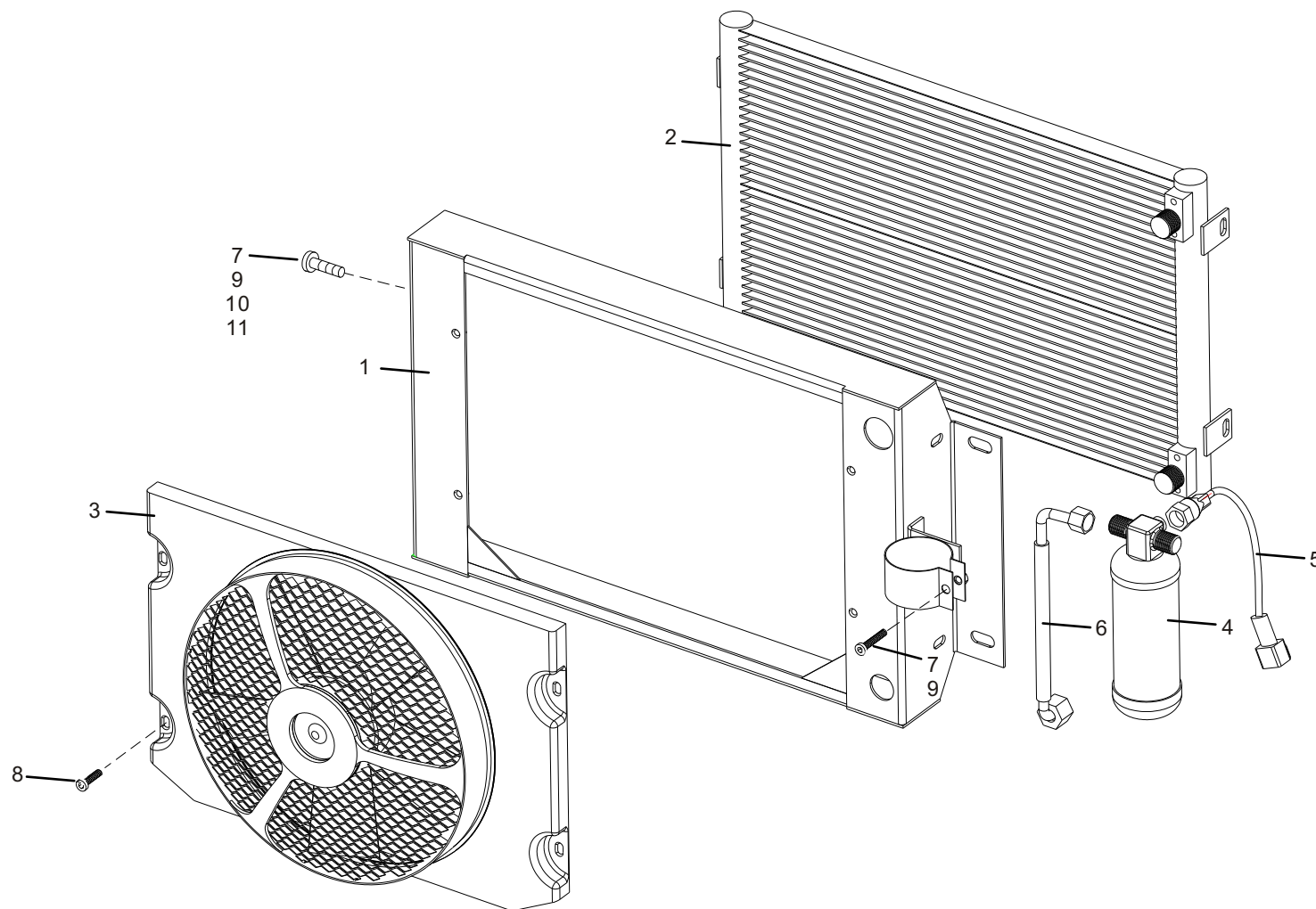
14. 11. 1 蒸发器总成 EVAPORATOR ASSEMBLY(60900003002)



14. 11. 1 蒸发器总成 EVAPORATOR ASSEMBLY(60900003002)

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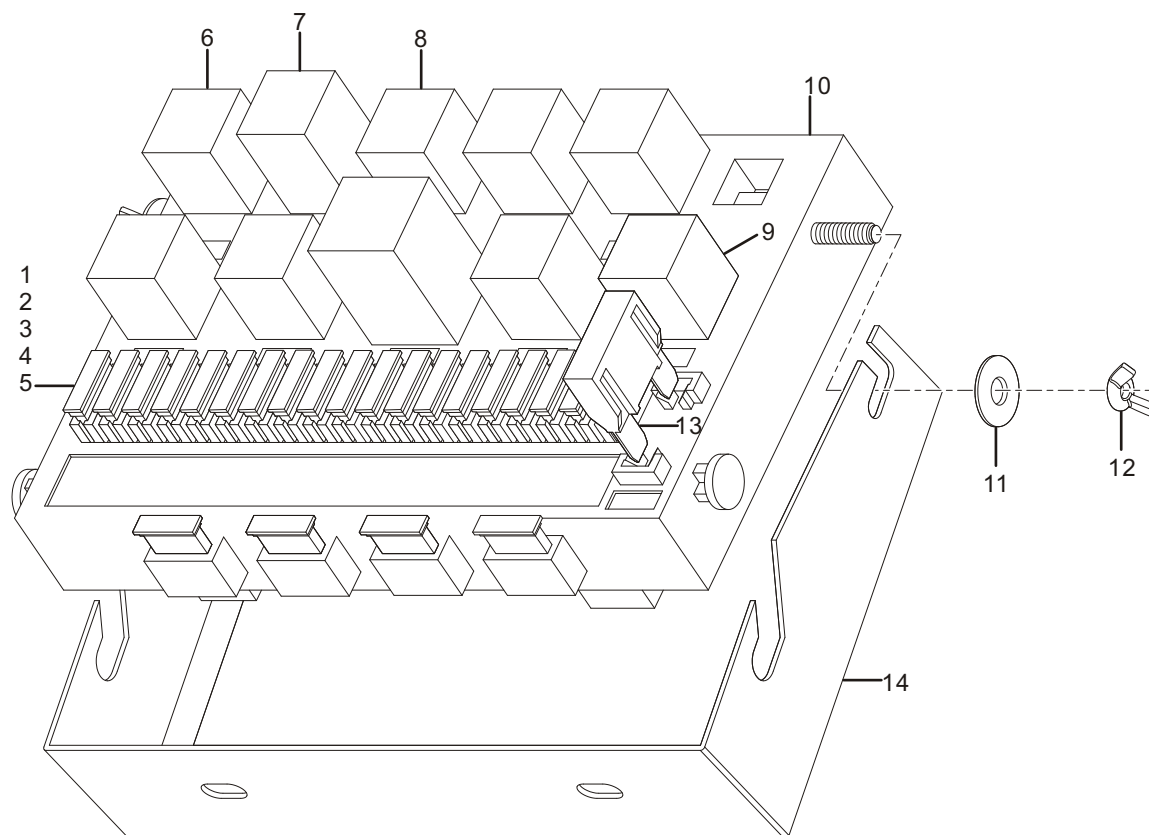
14. 11. 2 冷凝器总成 CONDENSER ASSEMBLY (60100002345)



14. 11. 2 冷凝器总成 CONDENSER ASSEMBLY (60100002345)

序号 Item	编码 Code	名称 Part Description	规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60100002693	冷凝器支架	Condenser support	1	040902014
2	60100002602	冷凝器芯体	Condenser core	1	81200900-1B
3	60100002598	冷凝风机	Cooling fan	1	011100010
4	60100002633	干燥瓶	Drying bottle	1	010400010
5	60900003026	压力开关	Pressure switch	1	011300006
6	60100002644	CF管	CF tube	1	050600085
7	51204081014	外六角螺栓	Hexagon bolts	M6 × 20	5
8	60900003042	外六角螺栓	Hexagon bolts	M6 × 12 three-piece	4
9	51421080115	平垫	Washer	M6	5
10	51401080107	弹垫	Washer	M6	4
11	60900003031	螺母	Nut	M6	4

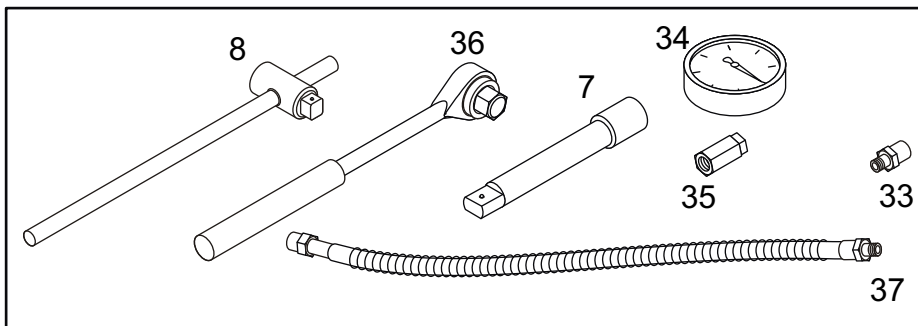
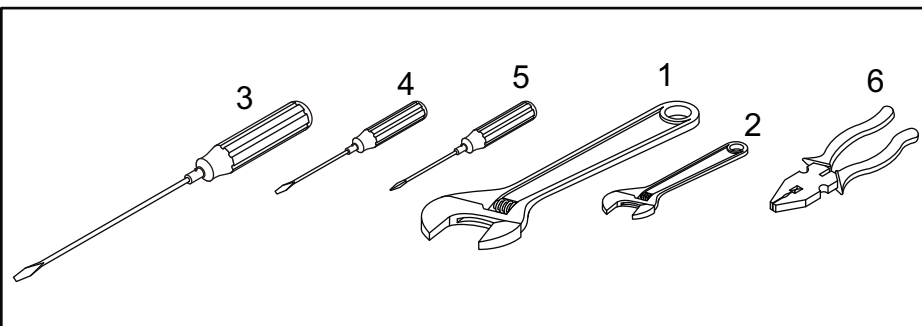
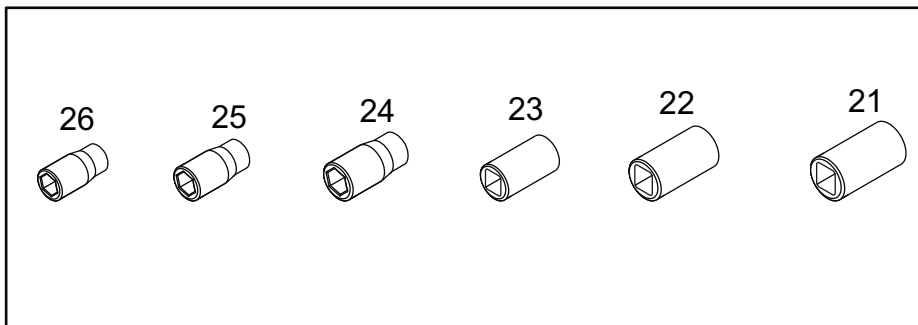
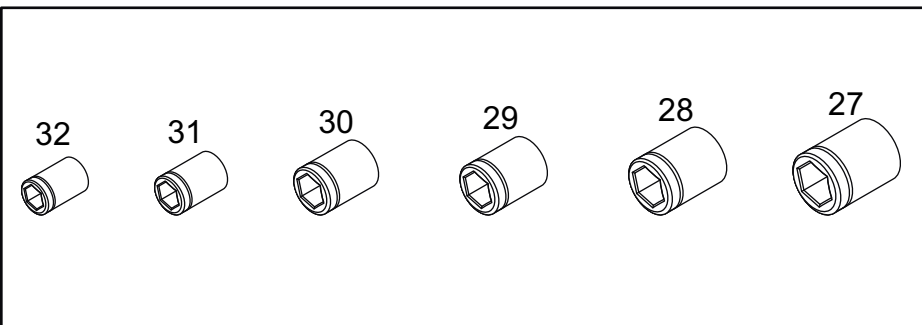
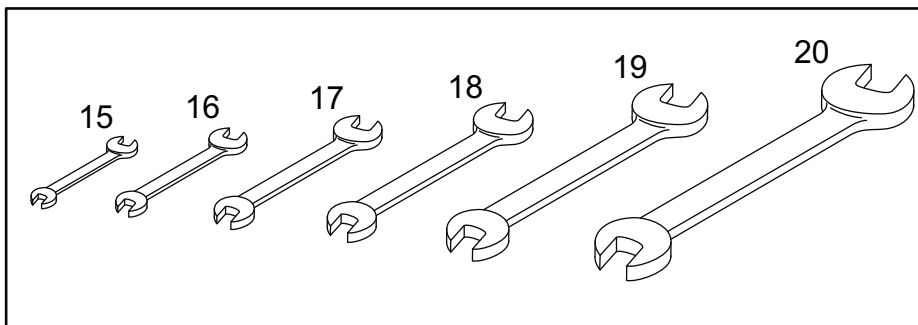
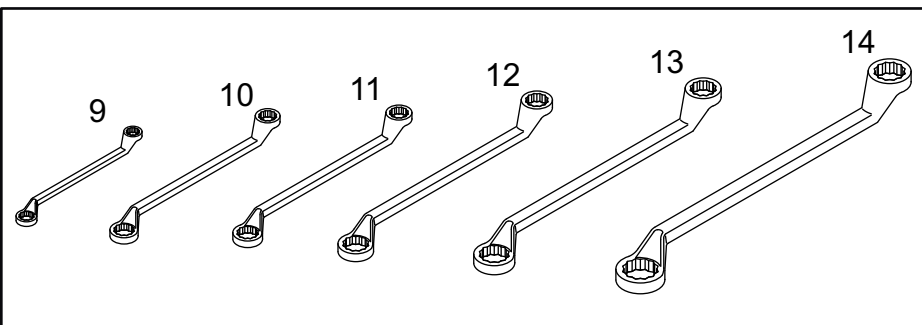
14.12 中央控制盒 CENTRAL CONTROL BOX (60403010079)



14.12 中央控制盒 CENTRAL CONTROL BOX (60403010079)

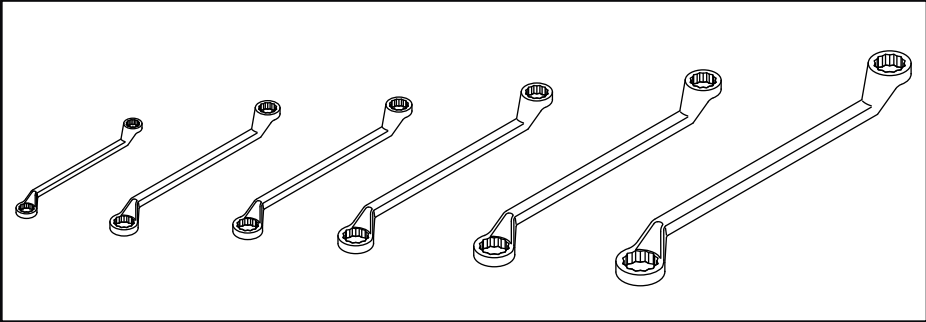
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	60900002951	保险丝	Fuse	1A	1	
2	60900002952	保险丝	Fuse	5A	4	
3	60900002953	保险丝	Fuse	10A	13	
4	60900002954	保险丝	Fuse	20A	1	
5	60900002955	保险丝	Fuse	30A	1	
6	60900002956	继电器	Relay	HFV4 024-1Z1GR	7	24V
7	60900002957	蜂鸣器	Buzzer	RTD-FM	1	
8	60900002958	闪光器	Flasher	RTD-SG-A	1	
9	60900002959	继电器	Relay	HFV7 024-HTM-R	1	24V
10	60900002960	机壳	Housing	10位	1	
11	60900002961	垫片	Shim	M5	2	
12	60900002962	碟母	Nut	M5	2	
13	60900002963	保险丝	Fuse	ATM/60A	1	
14	60900002964	支架	Bracket	10位	1	

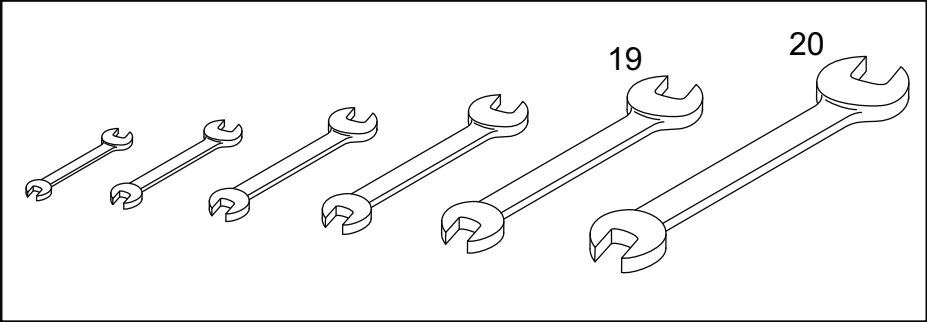
15 随机工具 TOOL KIT

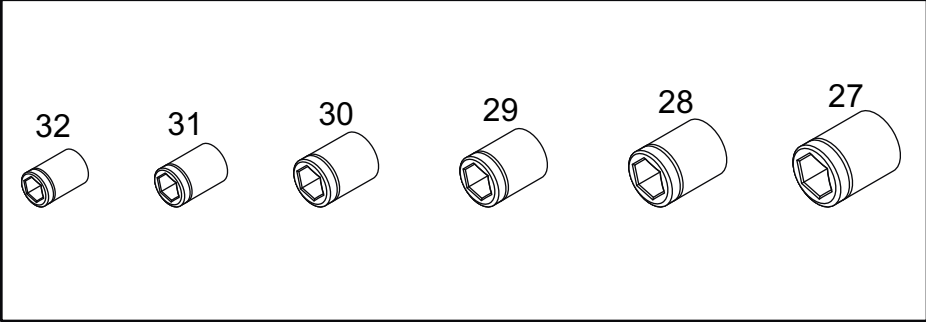


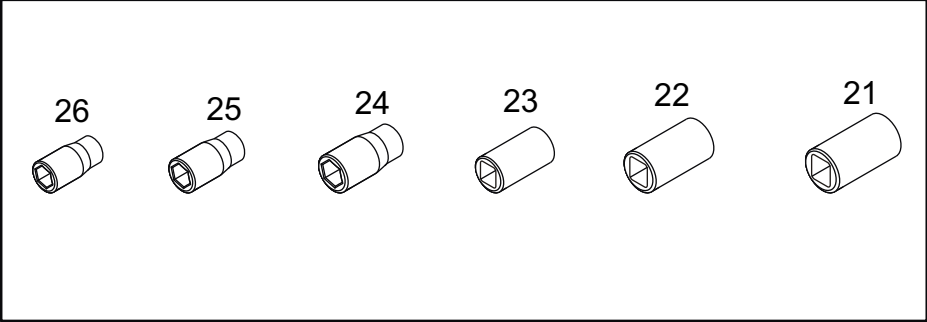
15 随机工具 TOOL KIT						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
1	80803103366	活动扳手	Shifting spanner	375mm	1	
2	80803103367	活动扳手	Shifting spanner	200mm	1	
3	80803300139	一字螺丝刀	Flat screw driver	250mm	1	
4	80803300140	一字螺丝刀	Flat screw driver	125mm	1	
5	80803300142	十字螺丝刀	Cross screw driver	125mm	1	
6	80803300055	钢丝钳	Pliers	200mm	1	
7	80803300056	短接杆	Short connecting rod	120mm	1	
8	80803900316	双向吉轮柄	Ratchet handle	250mm	1	
9	80803103369	双头梅花扳手	Offset ring spanner	10-12	1	
10	80803103370	双头梅花扳手	Offset ring spanner	13-15	1	
11	80803103371	双头梅花扳手	Offset ring spanner	14-17	1	
12	80803103372	双头梅花扳手	Offset ring spanner	17-19	1	
13	80803103373	双头梅花扳手	Offset ring spanner	22-24	1	
14	80803103374	双头梅花扳手	Offset ring spanner	27-30	1	
15	80803103375	双头呆扳手	Non-shifting spanner	13-15	1	
16	80803103376	双头呆扳手	Non-shifting spanner	10-12	1	
17	80803103377	双头呆扳手	Non-shifting spanner	14-17	1	
18	80803103378	双头呆扳手	Non-shifting spanner	16-18	1	

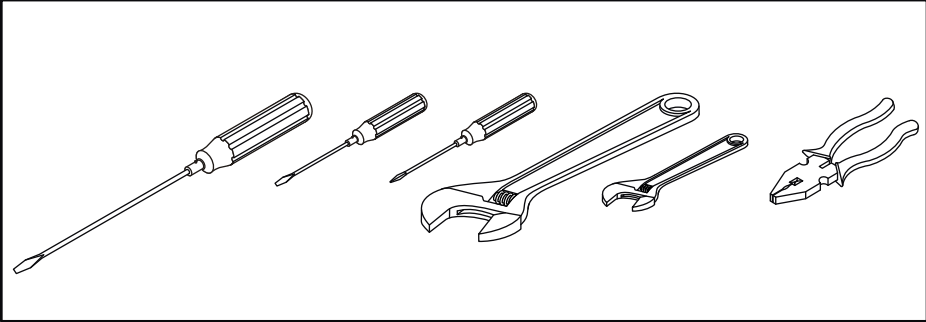
15 随机工具 TOOL KIT

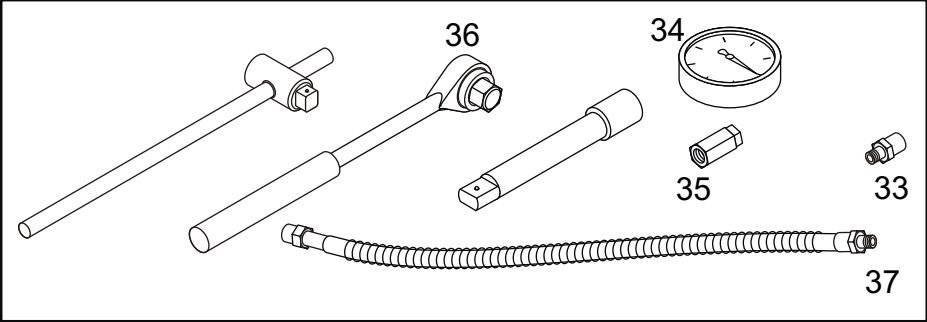












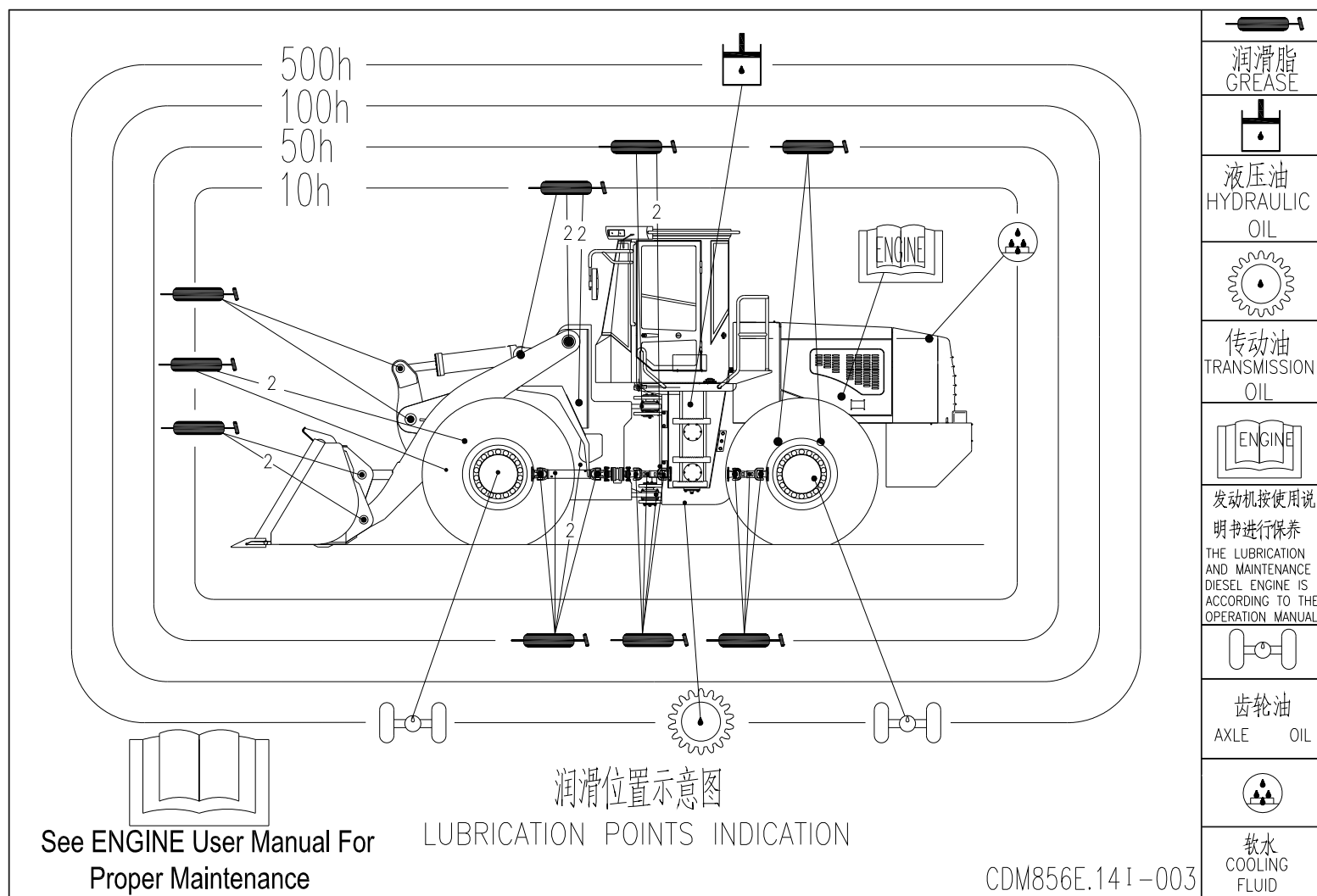
15 随机工具 TOOL KIT						
序号 Item	编码 Code	名称 Part Description		规格 Specification	数量 Qty	原图号 / 备注 Original NO./Remarks
19	80803103379	双头呆扳手	Non-shifting spanner	22-24	1	
20	80803103380	双头呆扳手	Non-shifting spanner	27-30	1	
21	80803200155	套筒	Socket	Φ32	1	
22	80803200156	套筒	Socket	Φ27	1	
23	80803200157	套筒	Socket	Φ24	1	
24	80803200158	套筒	Socket	Φ22	1	
25	80803200159	套筒	Socket	Φ19	1	
26	80803200160	套筒	Socket	Φ18	1	
27	80803200161	套筒	Socket	Φ17	1	
28	80803200162	套筒	Socket	Φ16	1	
29	80803200163	套筒	Socket	Φ14	1	
30	80803200164	套筒	Socket	Φ13	1	
31	80803200165	套筒	Socket	Φ11	1	
32	80803900320	套筒	Socket	Φ12	1	
33	60911011668	测压接头	Pressure connector		1	
34	68080000044	压力表	Pressure gauge	Y60-25mpa	1	
35	60911011667	压力表接头	Pressure gauge connector		1	
36	80803900317	滑行柄	Sliding handle	250mm	1	

15 随机工具 TOOL KIT

37

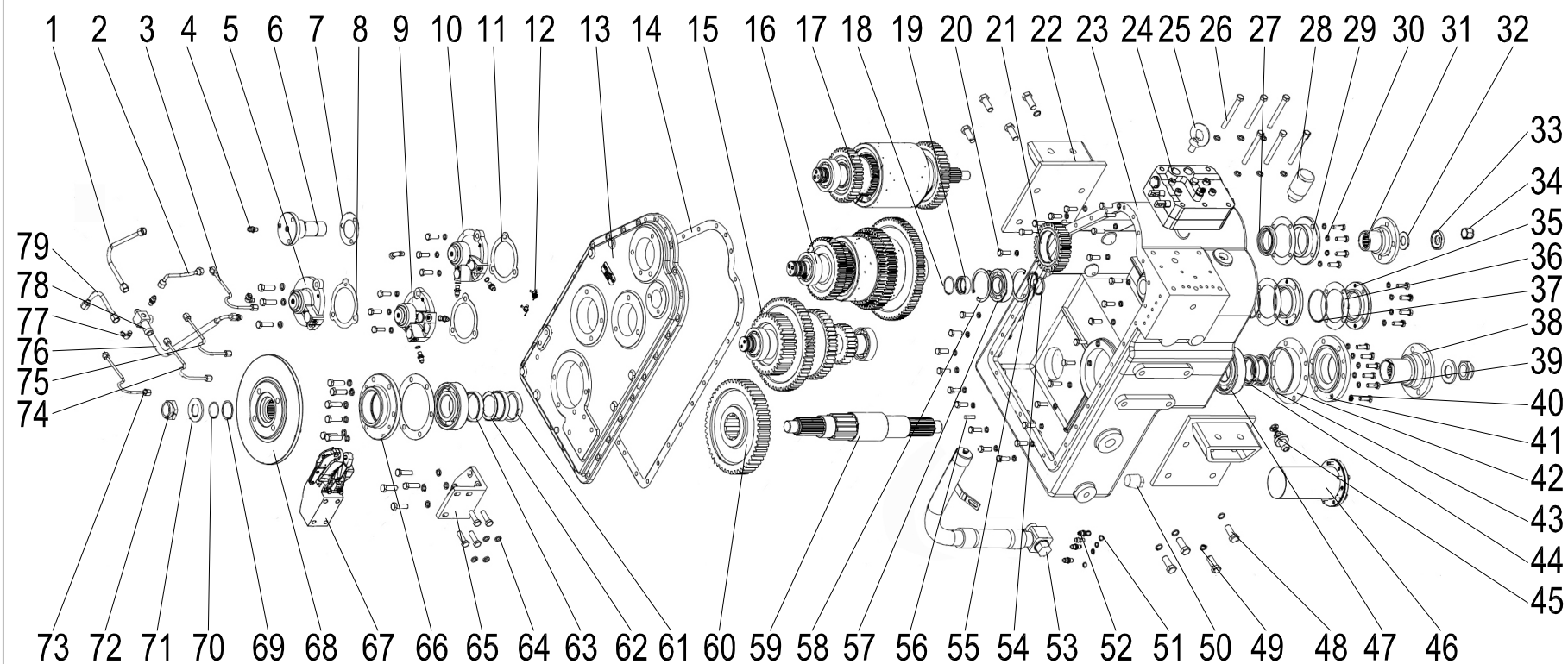
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16 GREASING POINTS INDICATION LAYOUT 润滑点分布图



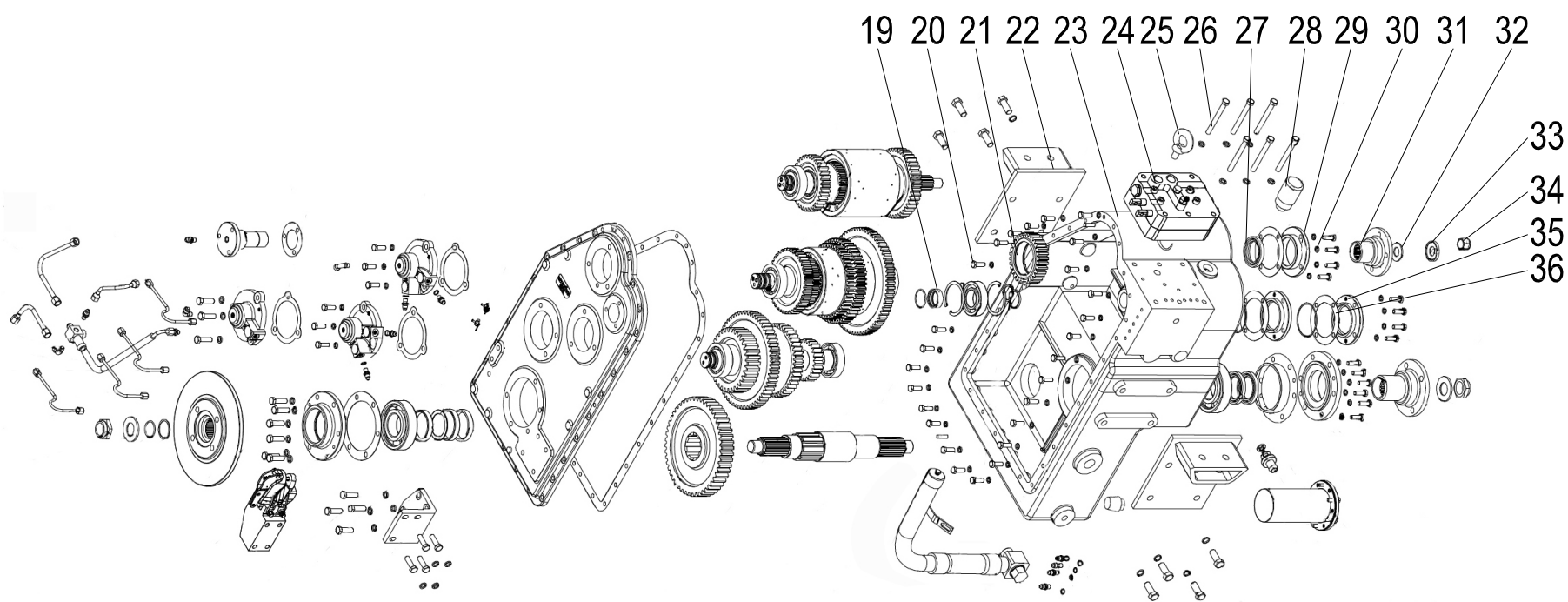
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变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)



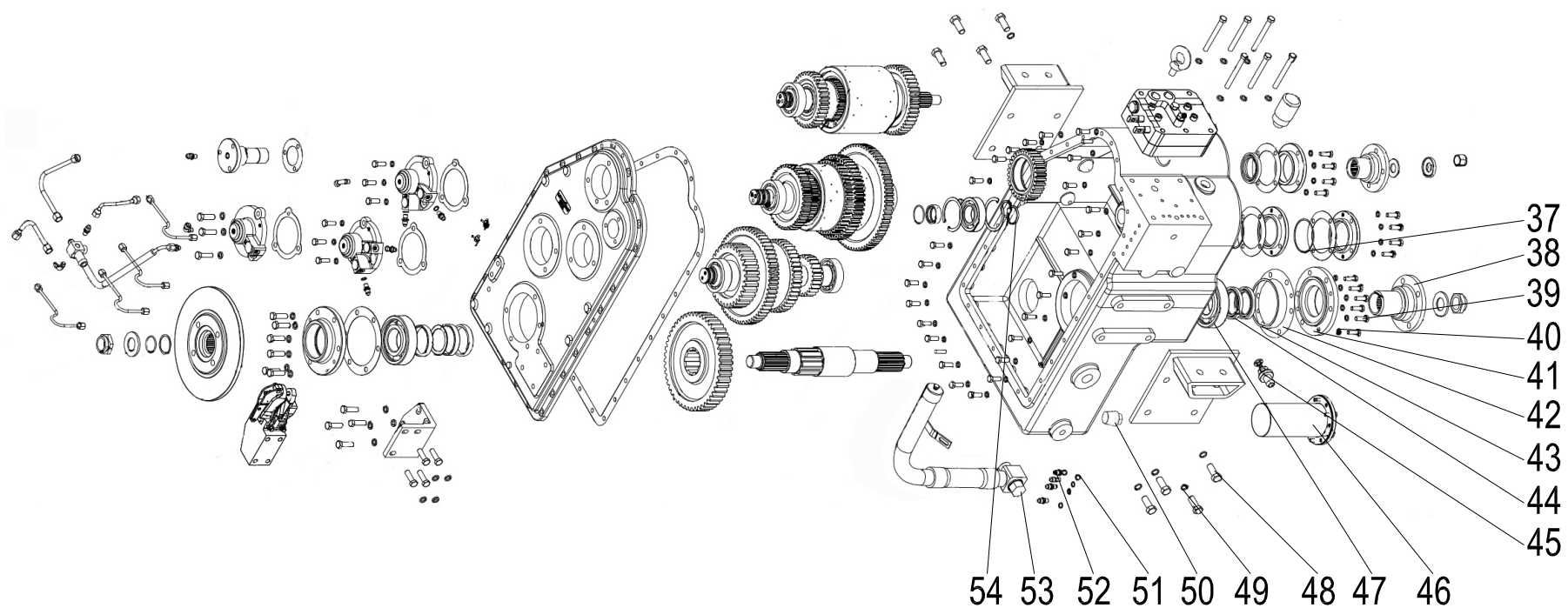
变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	36211000005	一轴润滑油管	First axle lubricating oil tube		1	ZL30E.5.18A
2	36223000006	倒挡润滑油管	Reverse gear lubricating oil tube		1	ZL30E.5.16A
3	36223000001	前进挡油管	Forward gear oil tube		1	ZL30E.5.11A
4	56953000101	接头体 A8/R1/4	Connector A8/R1/4		2	GB/T5626
5	36201000006S	三轴端盖总成	Third axle end cover assembly		1	ZL30E.5.5AS
6	36201100100	倒挡齿轮轴	Reverse gear axle		1	ZL30E.5-6
7	36201100094	密封垫	Seal gasket		1	ZL30E.5-26A
8	60201100495	密封垫	Seal gasket		1	ZL30E.5-10
9	36201000008S	二轴端盖总成	Second axle end cover assembly		1	ZL30E.5.9AS
10	36218100020	一轴端盖	First axle end cover		1	ZL30E.5.2-1
11	36201100101	密封垫	Seal gasket		2	ZL30E.5-8
12	60980000008	检油塞 Z1/4"	Oil check plug Z1/4"		2	13050-010
13	36201100085	箱体	Transmission housing		1	ZL30E.5G-1
14	36201100096	密封垫	Seal gasket		1	ZL30E.5-3
15	36201000005S	三轴离合器总成	Third axle clutch assembly		1	ZL30E.5.4S
16	36201000004S	二轴离合器总成	Second axle clutch assembly		1	ZL30E.5.3S
17	36201000001S	一轴离合器总成	First axle clutch assembly		1	ZL30E.5.1S
18	56145011701	O 形圈 45×2.65	O-ring 45×2.65		1	GB/T3452.1

变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)



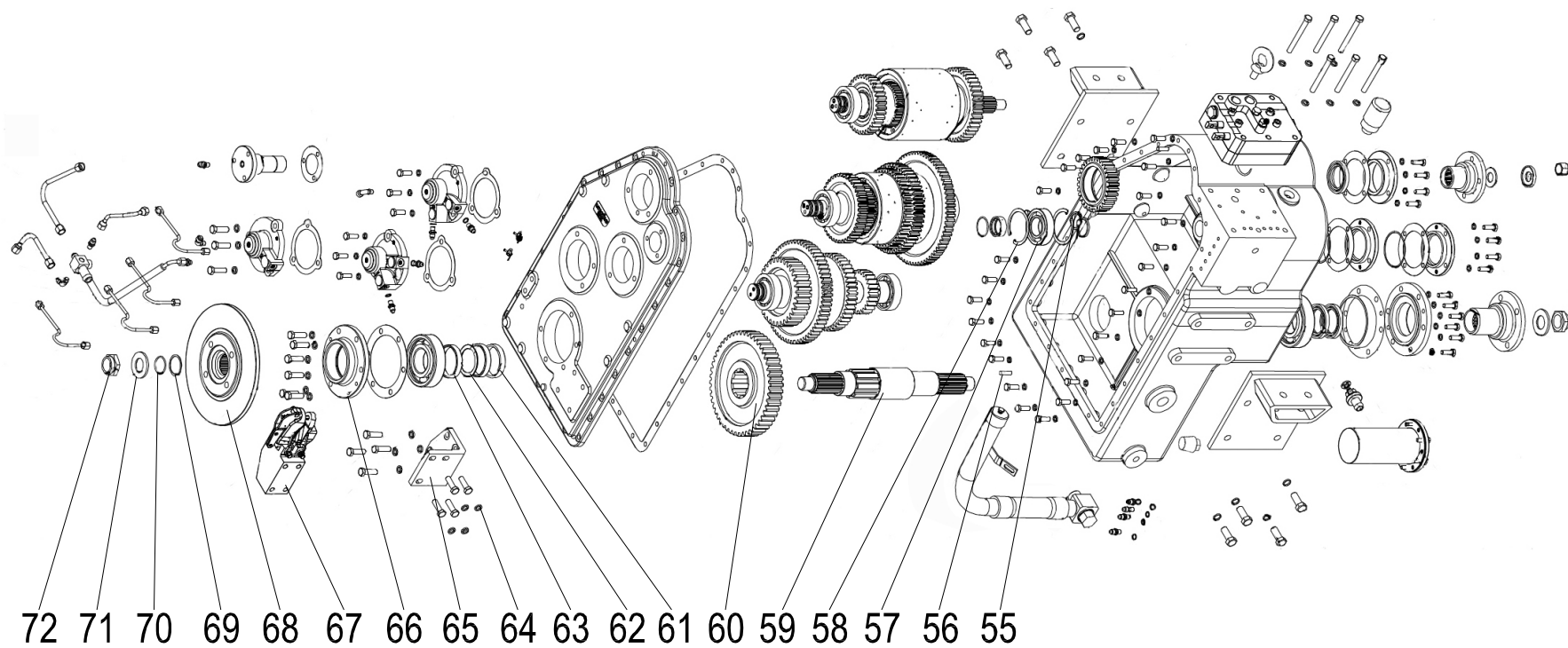
变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
19	36201100084	轴套	Shaft sleeve		1	ZL30E.5-7
20	51204101214	螺栓 M10×30	Bolt M10×30	8.8	43	GB/T5783
21	36201100099	倒挡齿轮	Reverse gear		1	ZL30E.5-4
22	36201000007	支架	Bracket		2	ZL30E.5.6B
23	36201100085	箱体	Transmission housing		1	ZL30E.5G-1
24	60304000072	电控操纵阀	Electric control valve		1	ZL30E.5.8A
25	51142250108	螺钉 M16	Screw M16		1	GB/T825
26	51203112714	螺栓 M12×110	Bolt M12×110	8.8	6	GB/T5782
27	56139000202	油封 55×80×12	Oil seal 55×80×12		1	HG4-339-66
28	36224000001	透气阀总成	Vent trap		1	LG853.03.01.12
29	36201100078S	油封盖	Oil seal cover		1	ZL30E.5-28S
30	51401100107	垫圈 10	Washer 10		47	GB/T93
31	36201100095	输入法兰	Input flange		1	ZL30E.5-27
32	36201100097	橡胶垫	Rubber pad		1	ZL30E.5-30
33	36201100077	垫圈	Washer		1	ZL30E.5-25
34	60201100447	螺母 M24×1.5	Nut M24×1.5		1	JB980-80
35	36201100071S	端盖	End cover		2	ZL30E.5-17AS
36	36201100098	密封垫	Seal gasket		3	ZL30E.5-32

变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)



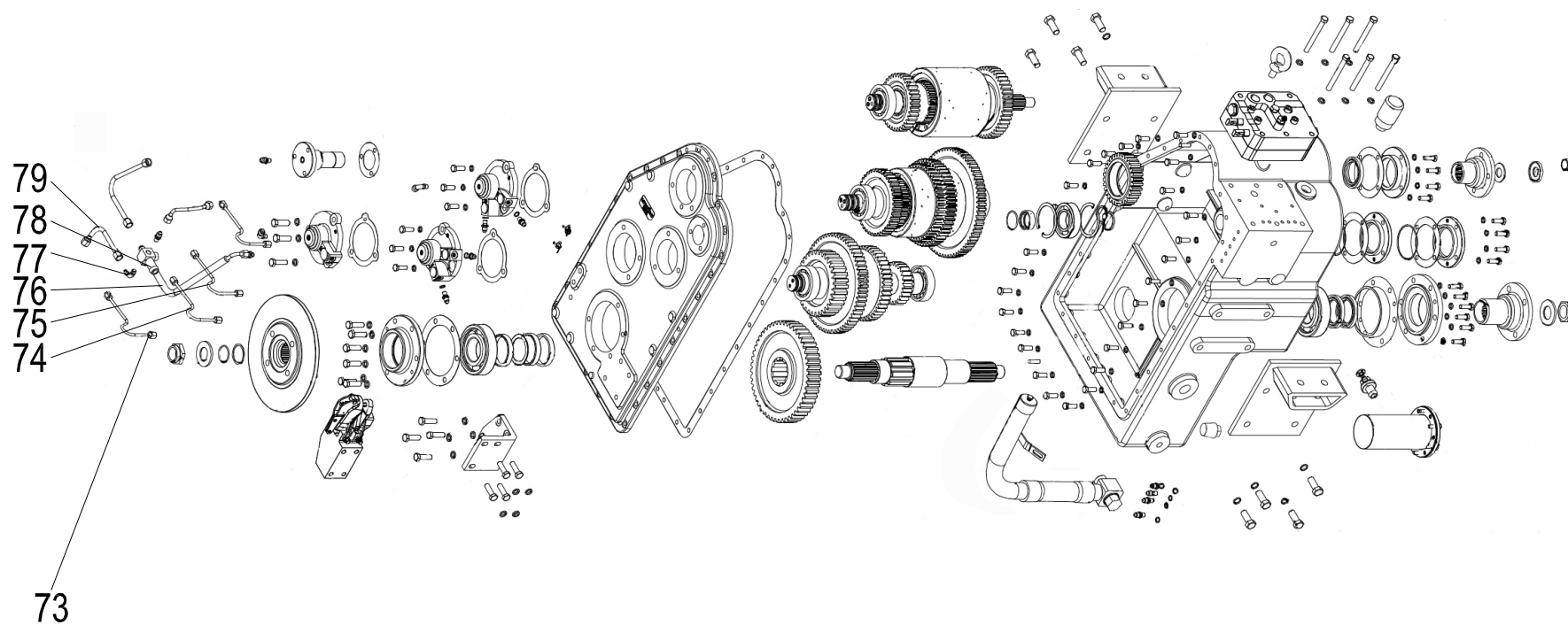
变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
37	36201100079	调整垫圈	Adjusting washer		3 组	ZL30E.5-29
38	36201100093	后输出法兰	Rear input flange		1	ZL30E.5-24
39	51204111314	螺栓 M12×35	Bolt M12×35	8.8	29	GB/T5783
40	51401110107	垫圈 12	Washer 12		35	GB/T93
41	36201100076	后轴承端盖	Rear axle end cover		1	ZL30E.5-23
42	36201100091	密封垫	Seal gasket		2	ZL30E.5-15
43	36201100069	调整垫圈	Adjusting washer		1 组	ZL30E.5-13
44	56139000102	油封 60×85×12	Oil seal 60×85×12		1	HG4-339-66
45	36218000005	回油控制阀	Oil return control valve		1	ZL30E.5G.21
46	36218000004	滤清器总成	Filter assembly		1	ZL30E.5.7
47	52198025601	轴承 6312	Bearing 6312		2	GB/T276
48	51203131414	螺栓 M16×40	Bolt M16×40	8.8	8	GB/T5782
49	51401130107	垫圈 16	Washer 16		8	GB/T93
50	36100100011	螺塞 ZG3/4"	Plug screw ZG3/4"		1	LG853.02.01-011
51	56147010101	组合垫圈 10	Bonded washer 10		8	JB/T982
52	36201100082	接头体	Adapter		8	ZL30E.5-33
53	36221000004	加油管总成	Oil fill tube assembly		1	ZL30E.5.13
54	36201100083	轴套	Shaft sleeve		1	ZL30E.5-5

变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)



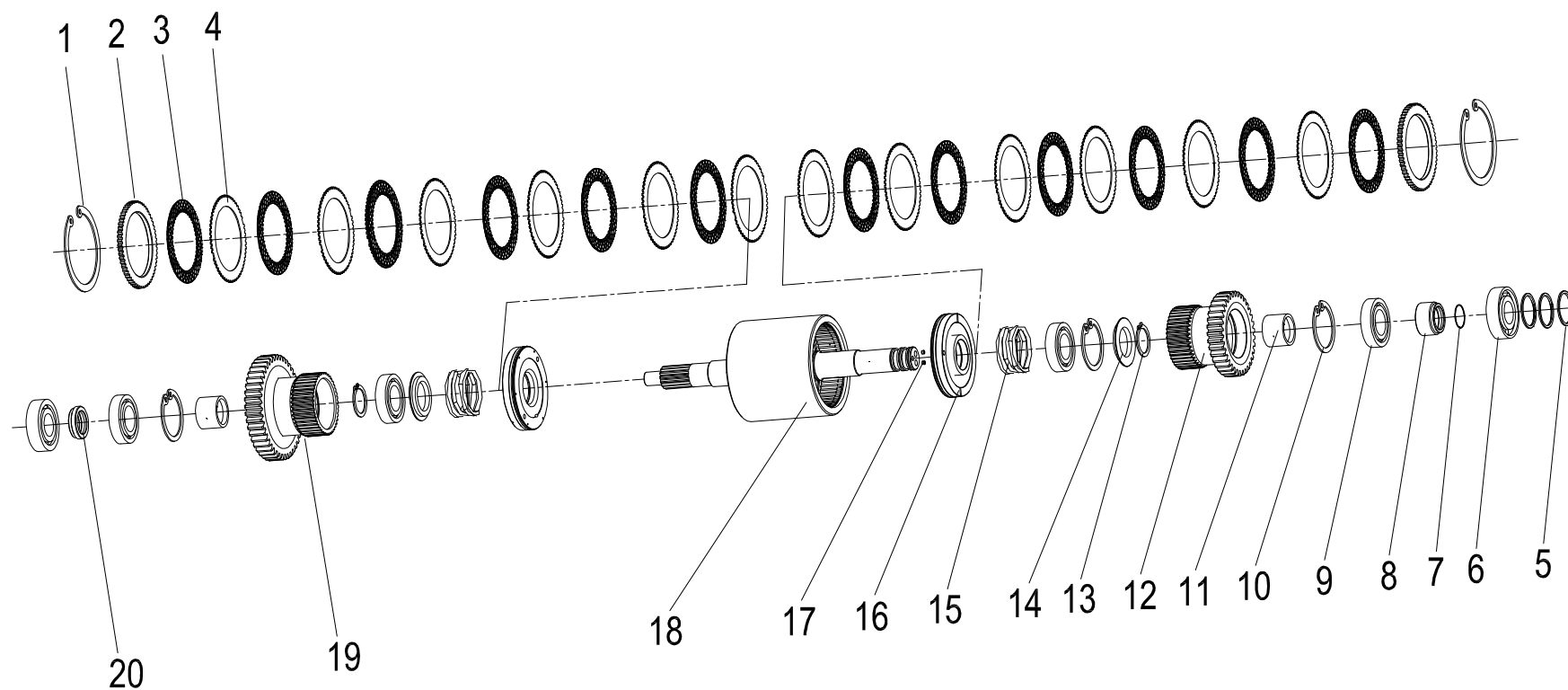
变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)					
序号 Item	编码 Code	名称 Parts Description	规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
55	51453350107	挡圈 40	Retainer ring 40	1	GB/T894.1
56	51513131703	圆柱销 10×30	Cylindrical pin 10×30	2	GB/T119.1
57	52198025201	轴承 6308	Bearing 6308	1	GB/T276
58	51451580107	挡圈 90	Retaining ring 90	2	GB/T893.1
59	36201100092	输出轴	Output shaft	1	ZL30E.5-20A
60	36201100090	输出被动齿轮	Output driven gear	1	ZL30E.5-14A
61	36201100073	轴套	Shaft sleeve	1	ZL30E.5-19
62	36201100068	轴套	Shaft sleeve	1	ZL30E.5-12
63	56139000401	油封 65×90×12	Seal ring 65×90×12	2	HG4-339-66
64	51421110119	垫圈 12	Washer 12	1	GB/T97.1
65	36201100074	制动立支座	Brake bracket	1	ZL30E.5-21
66	36201100070	前轴承盖	Front bearing cover	1	ZL30E.5-16
67	60208000005	制动器	Brake	1	ZL1615.2A
68	36206000004	前输出法兰总成	Front output flange assembly	1	ZL30E.5B.17
69	36201100081	垫片	Shim	1	ZL30E.5-31
70	56145011301	O 形圈 42.5×5.3	O-ring 42.5×5.3	1	GB/T3452.1
71	36201100067	压板	Press plate	2	ZL30E.5-11
72	51373011001	螺母 M33×1.5	Bolt M33×1.5	2	GB/T890

变速箱总成 TRANSMISSION ASSEMBLY (ZL30E.5GV)



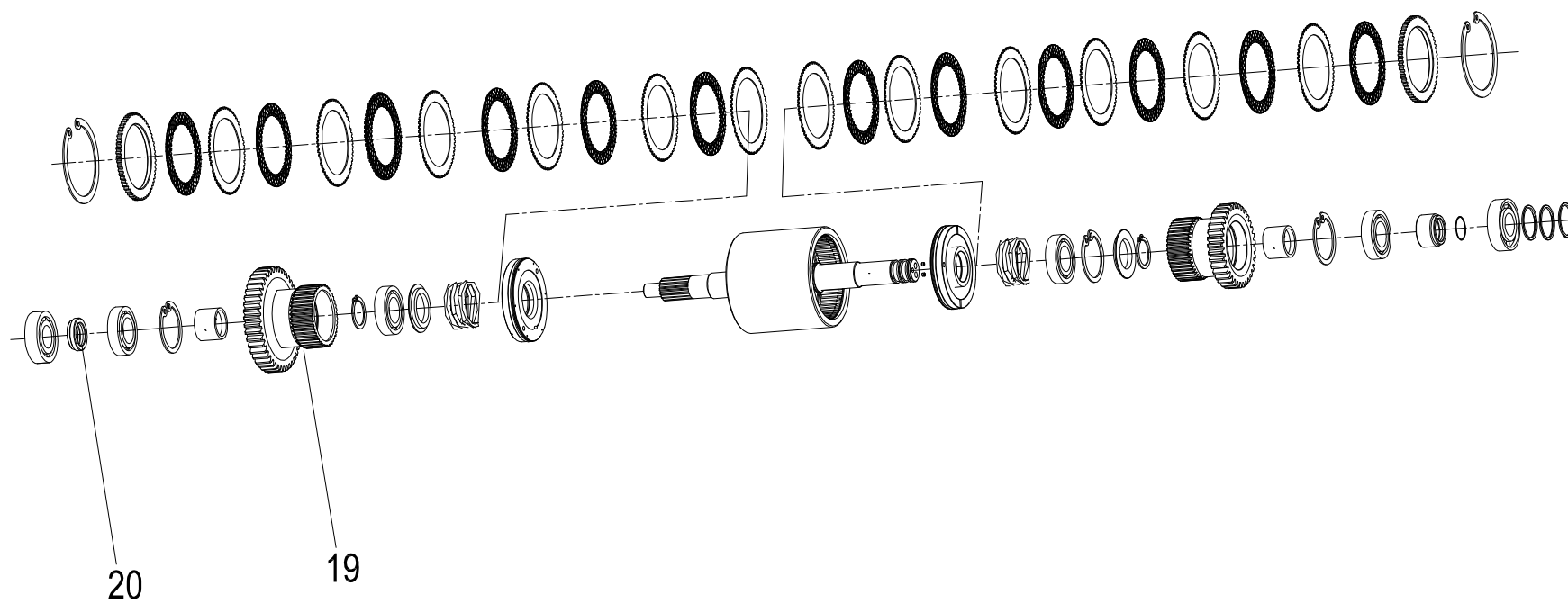
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一轴离合器总成 SHAFT I ASSEMBLY(ZL30E.5.1S)



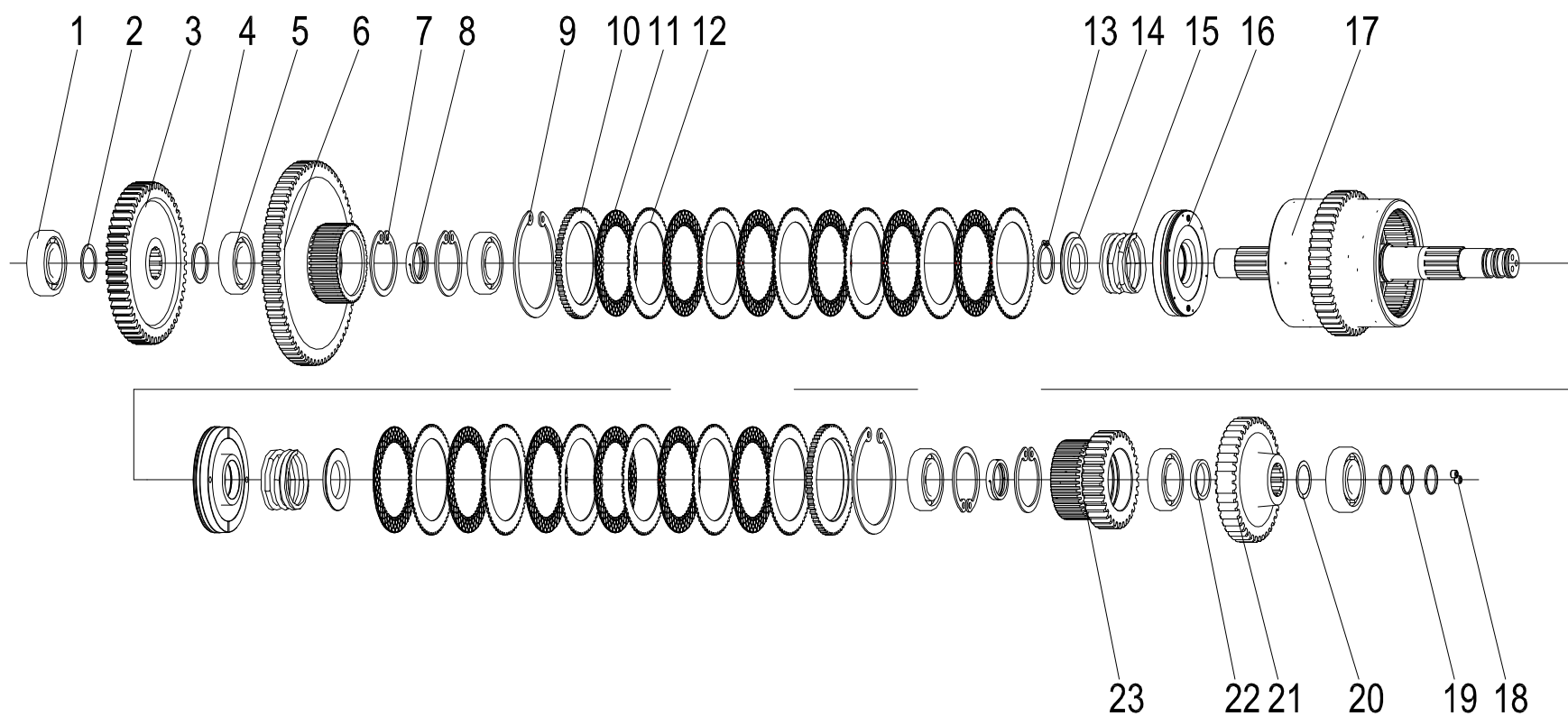
一轴离合器总成 SHAFT I ASSEMBLY(ZL30E.5.1S)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	51451750107	挡圈 150	Retaining ring 150		2	GB/T893.1
2	36211100022	离合器活塞压板	Press plate of clutch piston		2	ZL30E.5.1-8
3	36211000023	离合器主动片	Clutch drive plate		12	ZL30E.5.1-12
4	36211100018	离合器被动片	Clutch driven plate		12	ZL30E.5.1-13
5	36211100021	密封环	Seal ring		3	ZL30E.5.1-7
6	52322000701	轴承 30308	Bearing 30308		2	GB/T297
7	36211100016	调整垫圈	Adjusting washer		1	ZL30E.5.1-10
8	36211100014S	轴套	Shaft sleeve		1	ZL30E.5.1-6S
9	52198021201	轴承 6209	Bearing 6209		4	GB/T276
10	51451560107	挡圈 85	Retainer ring 85		4	GB/T893.1
11	36211100012	轴套	Shaft sleeve		2	ZL30E.5.1-2
12	36211100020	一轴倒挡齿轮	Single-axis backward gear		1	ZL30E.5.1-5
13	51454410107	挡圈 52	Retainer ring 52		2	GB/T894.2
14	36211100013	压板	Press plate		2	ZL30E.5.1-3
15	36211100019	回位弹簧	Pull-off spring		2	ZL30E.5.1-4
16	36211000003	活塞装置	Piston device		2	ZL30E.5.1.1
17	60201100330	丝堵 (1/8)	Plug (1/8)		2	ZL30E.5.1-9
18	36211000004	一轴离合器壳体	Hub body of single-axis clutch		1	ZL30E.5.1.2

一轴离合器总成 SHAFT I ASSEMBLY(ZL30E.5.1S)



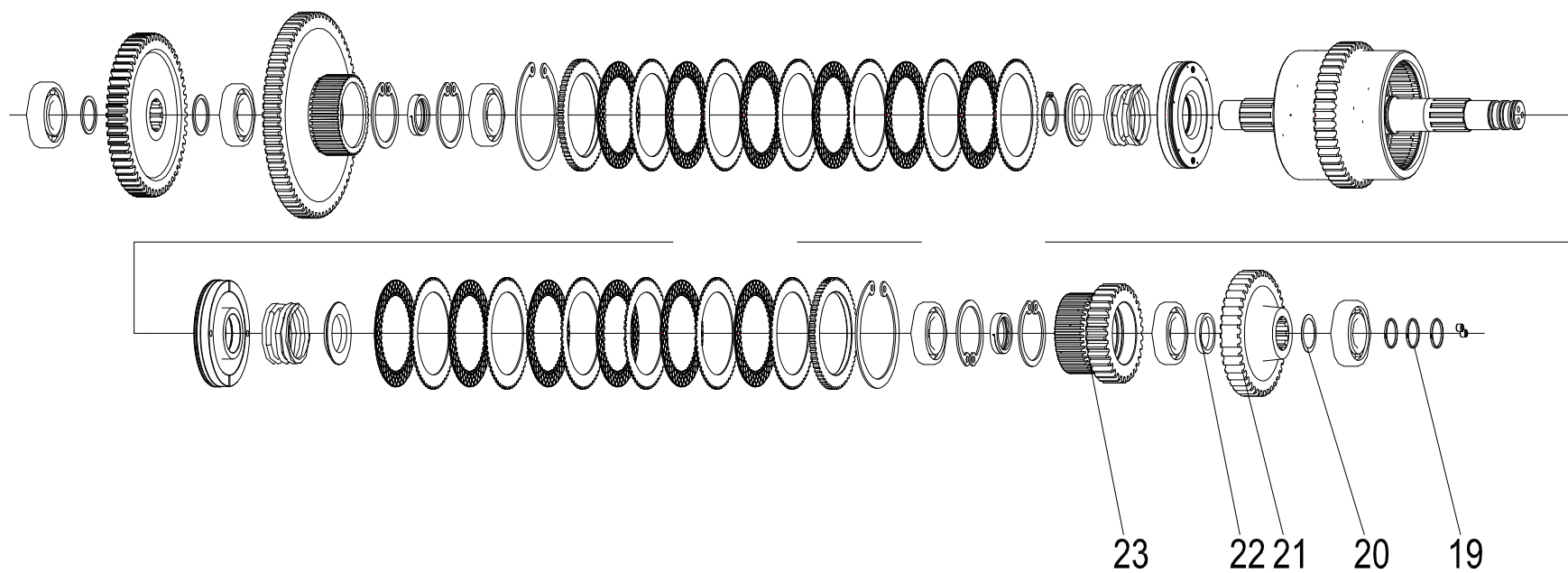
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二轴离合器总成 SHAFT II ASSEMBLY(ZL30E.5.3S)



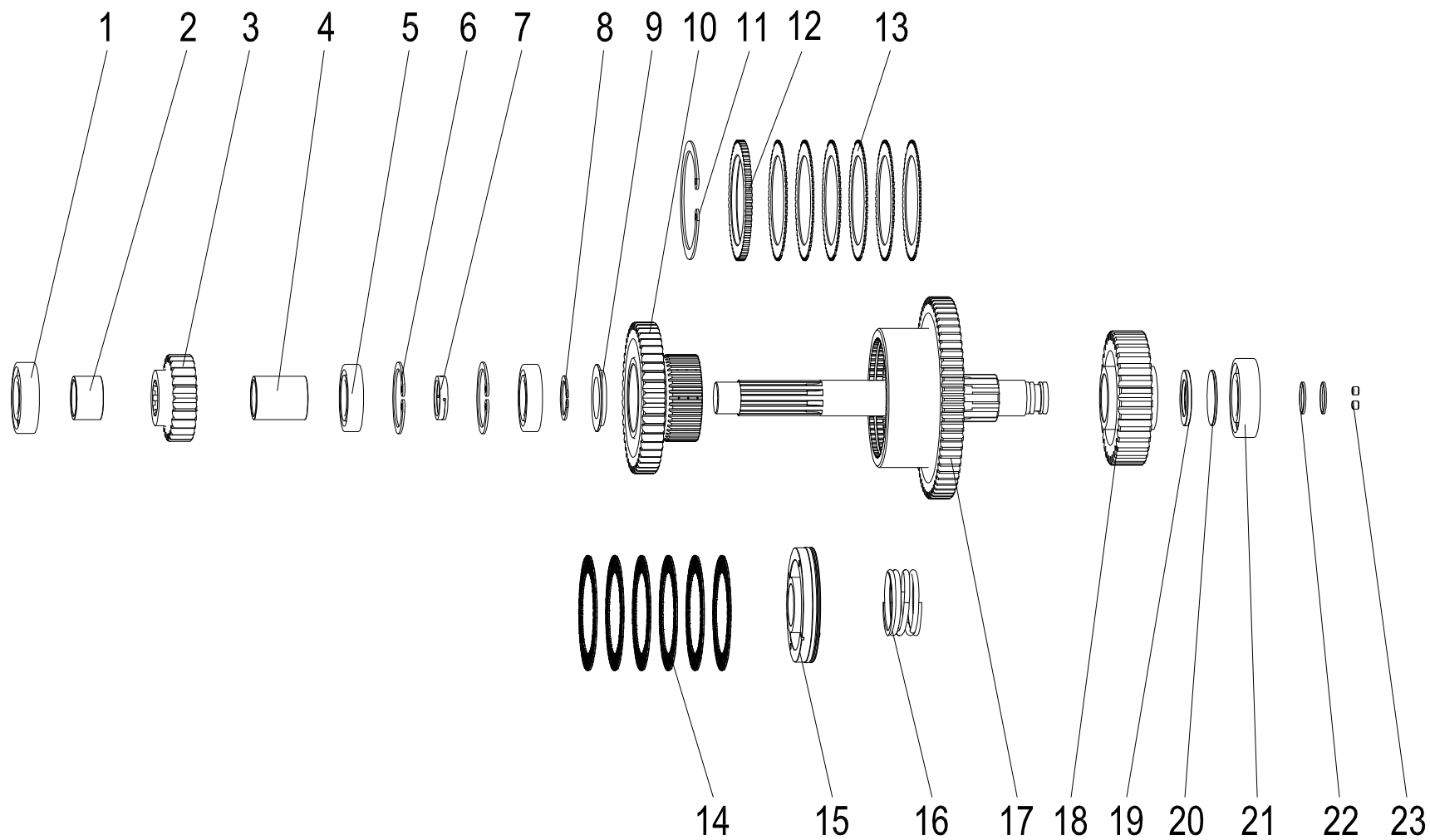
二轴离合器总成 SHAFT II ASSEMBLY(ZL30E.5.3S)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	52322000701	轴承 30308	Bearing 30308		2	GB/T297
2	36212100039	垫圈	Washer		2	ZL30E.5.3-1
3	36212100040	二轴前进挡齿轮	Second axle forward gear		1	ZL30E.5.3-2
4	36212100041	垫圈	Washer		1	ZL30E.5.3-3
5	52198021201	轴承 6209	Bearing 6209		4	GB/T276
6	36212100043	二轴三挡齿轮	Second axle third gear		1	ZL30E.5.3-5B
7	51451560107	挡圈 85	Retaining ring 85		4	GB/T893.1
8	36212100042	轴套	Shaft sleeve		2	ZL30E.5.3-4
9	51451750107	挡圈 150	Retaining ring 150		2	GB/T893.1
10	36211100022	离合器活塞压板	Press plate of clutch piston		2	ZL30E.5.1-8
11	36211100018	离合器被动片	Clutch driven plate		12	ZL30E.5.1-13
12	36211000023	离合器主动片	Clutch drive plate		12	ZL30E.5.1-12
13	51454410107	挡圈 52	Retainer ring 52		2	GB/T894.2
14	36211100013	压板	Press plate		2	ZL30E.5.1-3
15	36211100019	回位弹簧	Pull-off spring		2	ZL30E.5.1-4
16	36211000003	活塞装置	Piston device		2	ZL30E.5.1.1
17	36212000006	二轴离合器壳体	Second axle clutch hub		1	ZL30E.5.3.1
18	60201100330	丝堵 (1/8)	Plug (1/8)		2	ZL30E.5.1-9

二轴离合器总成 SHAFT II ASSEMBLY(ZL30E.5.3S)



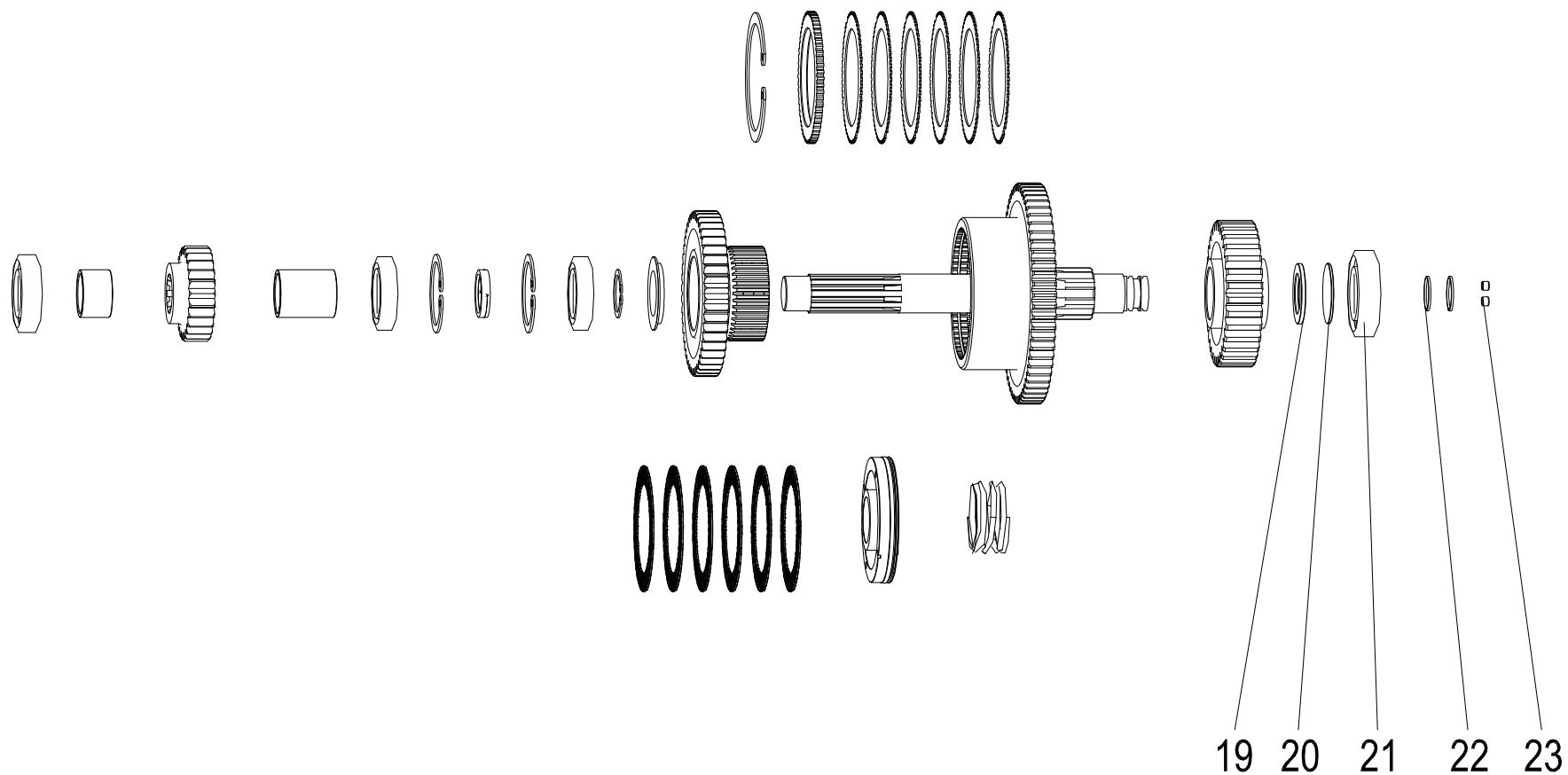
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三轴离合器总成 SHAFT III ASSEMBLY(ZL30E.5.4S)



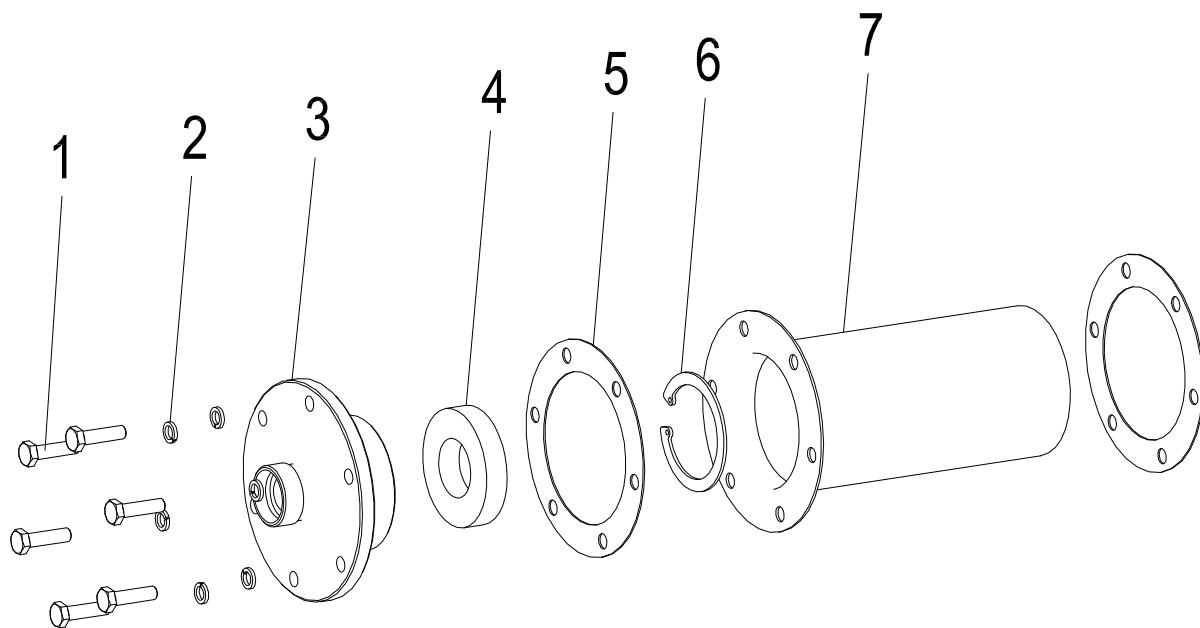
三轴离合器总成 SHAFT III ASSEMBLY(ZL30E.5.4S)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	52322000701	轴承 30308	Bearing 30308		1	GB/T297
2	36213100022	轴套	Shaft sleeve		1	ZL30E.5.4-2
3	36213100021	三轴三挡齿轮	Third axle third gear		1	ZL30E.5.4-1B
4	36213100025	轴套	Shaft sleeve		1	ZL30E.5.4-5
5	52198021201	轴承 6209	Bearing 6209		2	GB/T276
6	36212100042	轴套	Shaft sleeve		1	ZL30E.5.3-4
7	51451560107	挡圈 85	Retaining ring 85		2	GB/T893.1
8	51454410107	挡圈 52	Retainer ring 52		1	GB/T894.2
9	36211100013	压板	Press plate		1	ZL30E.5.1-3
10	36213100023	三轴二挡齿轮	Third axle second gear		1	ZL30E.5.4-3
11	51451750107	挡圈 150	Retaining ring 150		1	GB/T893.1
12	36211100022	离合器活塞压板	Press plate of clutch piston		1	ZL30E.5.1-8
13	36211100018	离合器被动片	Clutch driven plate		6	ZL30E.5.1-13
14	36211000023	离合器主动片	Clutch drive plate		6	ZL30E.5.1-12
15	36211000003	活塞装置	Piston device		1	ZL30E.5.1.1
16	36211100019	回位弹簧	Pull-off spring		1	ZL30E.5.1-4
17	36213000007	三轴离合器壳体	Third axle clutch hub		1	ZL30E.5.4.1
18	36213100024	三轴输出齿轮	Third axle output gear		1	ZL30E.5.4-4A

三轴离合器总成 SHAFT III ASSEMBLY(ZL30E.5.4S)



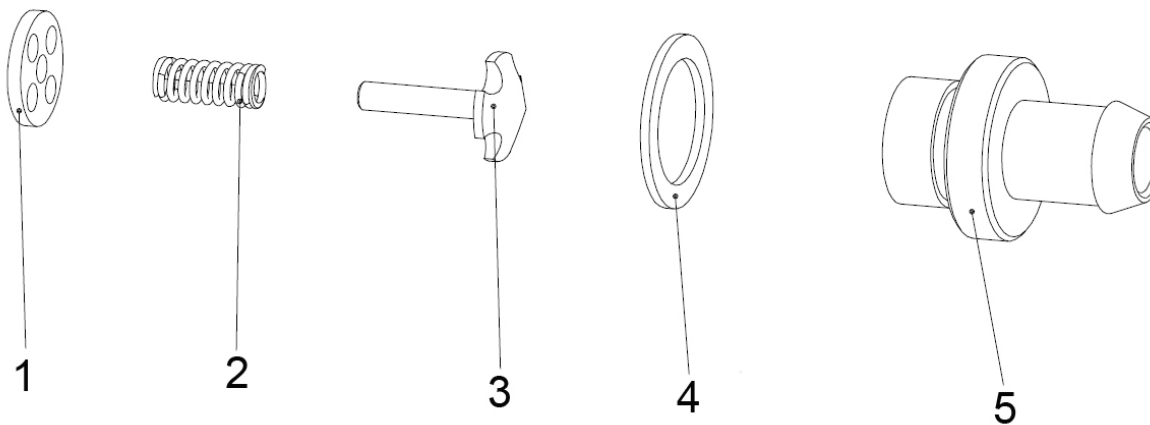
[illegible]

滤清器总成 FILTER ASSEMBLY (ZL30E.5.7)



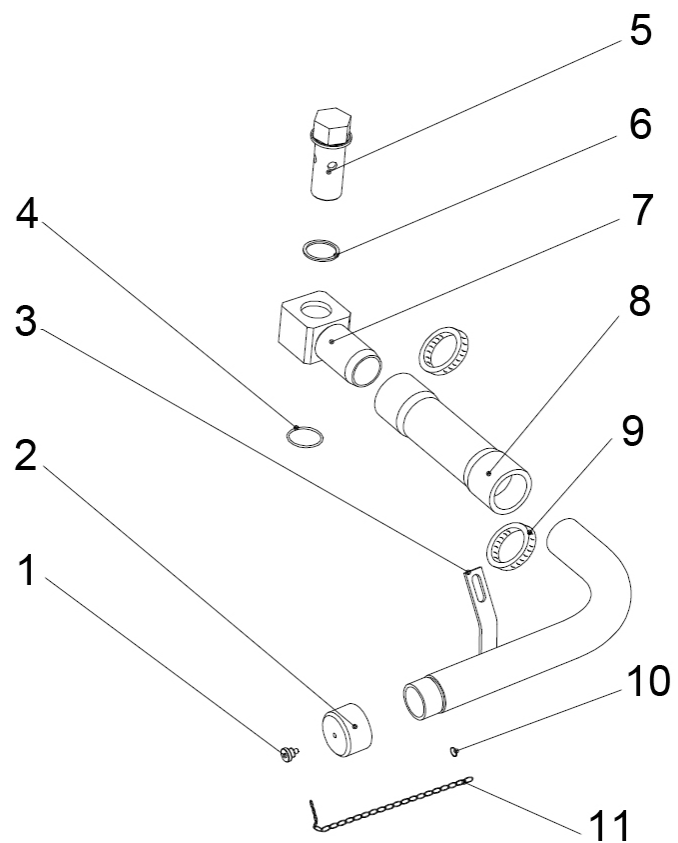
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回油控制阀 CONTROL VALVE (ZL30E.5G.21)



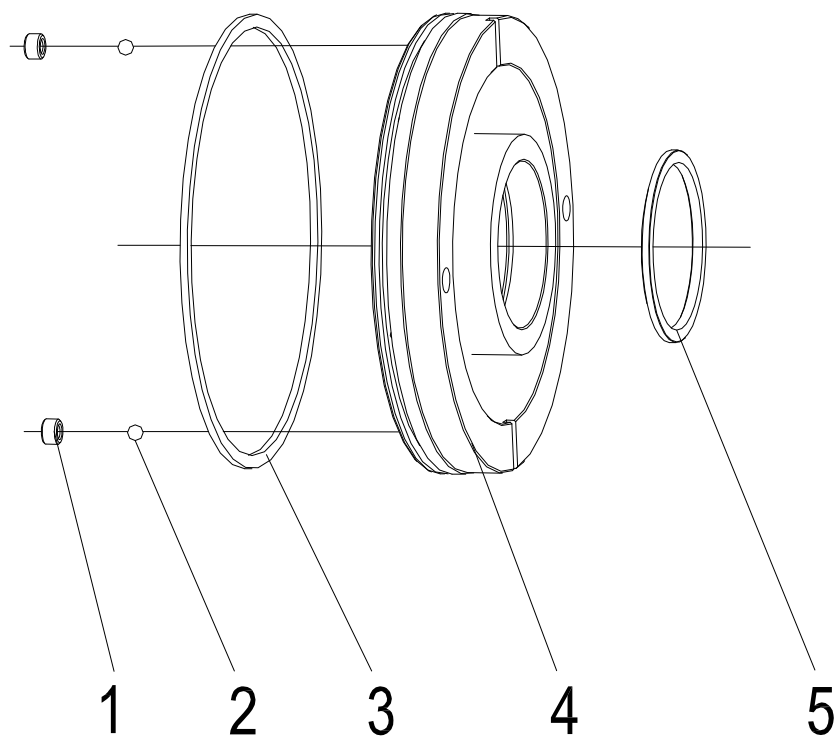
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加油管总成 OIL TUBE ASSEMBLY (ZL30E.5.13)



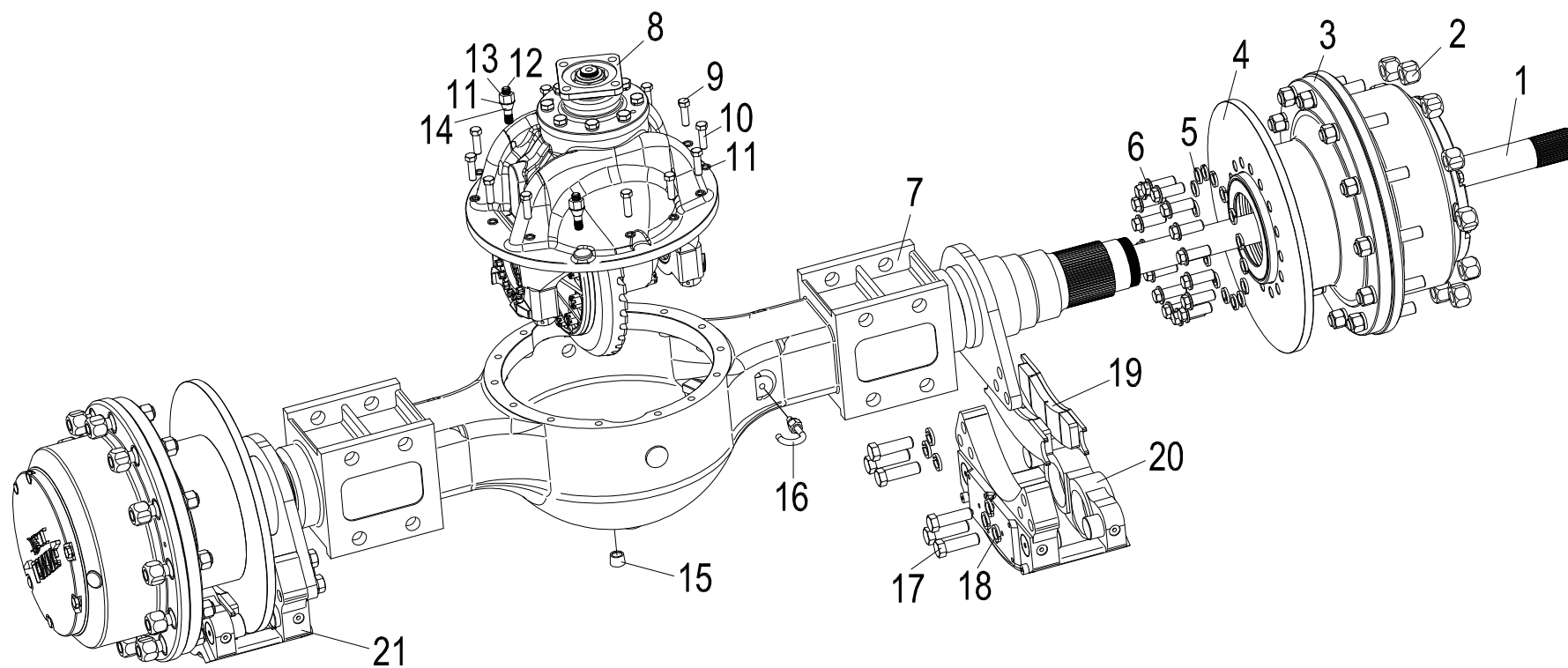
加油管总成 OIL TUBE ASSEMBLY (ZL30E.5.13)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	36221100019	滚花螺栓	knurl bolts		1	LG50D.03.01.01-001 II
2	36221100002	加油管盖	Oil tube cover		1	LG853.03.01.14-001
3	36221000006	上部加油管	Upper oil pipe		1	ZL30E.5.13.2
4	56145009501	O 型圈 35.5x3.55	O-ring 35.5x3.55		1	GB/T3452.1
5	36221100013	螺钉	Screw		1	ZL30E.5.13-2
6	56148114703	垫圈 32	Washer 32		1	JB1002-77
7	36221000005	管接头	Pipe joint		1	ZL30E.5.13.1
8	36221100012	连接胶管	Connecting Hose		1	ZL30E.5.13-1
9	56171003401	管夹(48~52)	Clip (48~52)		2	JB/T8870
10	36221100020	扣圈	Bead setter		1	LG853.03.01.14-004
11	36221100022	腰型不锈钢链条	Waiste typ stainless steel chain		1	LG853.03.01.14-005

活塞装置 PISTON DEVICE (ZL30E.5.1.1)



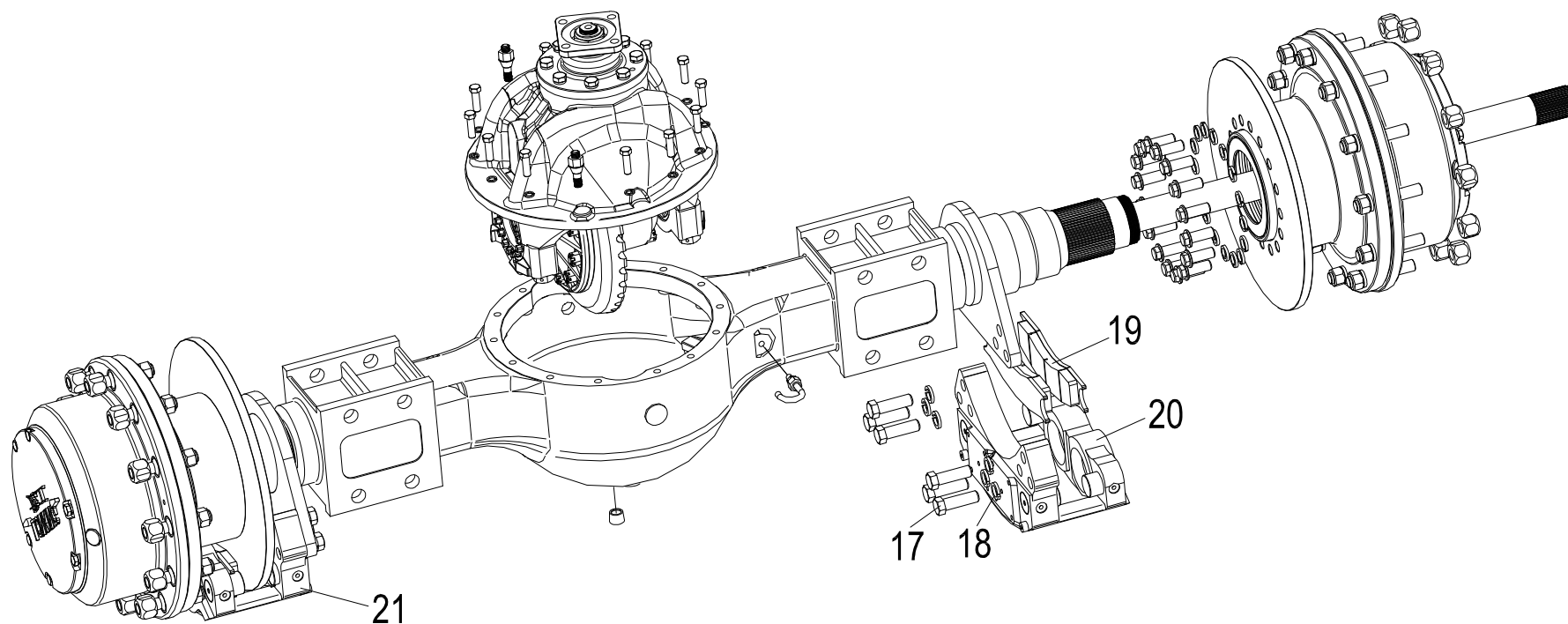
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驱动桥总成 AXLE ASSEMBLY (前桥 16480300110/后桥 16480305090)



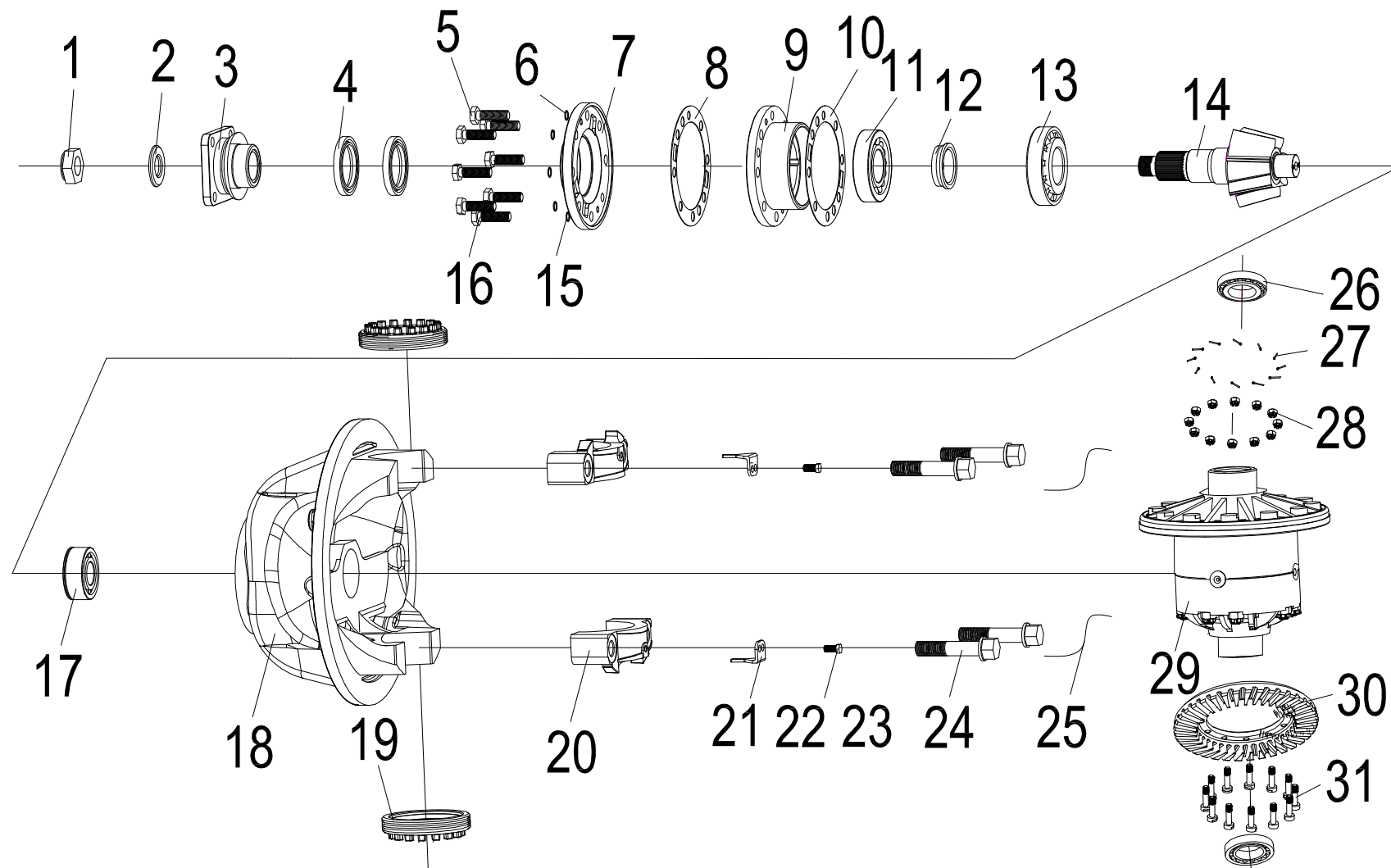
驱动桥总成 AXLE ASSEMBLY (前桥 16480300110/后桥 16480305090)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	36400100003	半轴	Half-axle		1	LG30F.04003A
2	36400100023	轮辋螺母	Rim nut		24	LG853.04.01-002
3	36402000001	轮边减速器	Wheel reductor		2	LG30F.04400A
4	36400100001	制动盘	Brake disc		2	LG30F.04001A
5	51401140107	垫圈 18	Washer 18		32	GB/T93
6	36400100002	螺栓	Bolt		32	LG30F.04002A
7	36401000001	前桥壳焊合	Front axle housing assembly		1	LG30F.04500A
	36401000011	后桥壳焊合	Rear axle housing assembly		1	LG30F.04800A
8	36403000001	前主减速器	Front main reducer		1	LG30F.04300A
	36403000041	后主减速器	Rear main reducer		1	LG30F.04600A
9	51204111418	螺栓 M12×40	Bolt M12×40	10.9	9	GB/T5783
10	51204111618	螺栓 M12×50	Bolt M12×50	10.9	2	GB/T5783
11	51401110107	垫圈 12	Washer 12	10	14	GB/T93
12	36400100007	螺柱	Stud		3	LG30F.04006A
13	51307001120	螺母 M12	Nut M12		3	GB/T6170
14	36400100006	固定圆锥套	Fixing taper sleeve		3	LG30F.04005A
15	36480000008	螺塞	Plug screw		2	LG853.04.01.05
16	36404000002	透气管	Permeability cell		1	LG853.04.01.04B

驱动桥总成 AXLE ASSEMBLY (前桥 16480300110/后桥 16480305090)



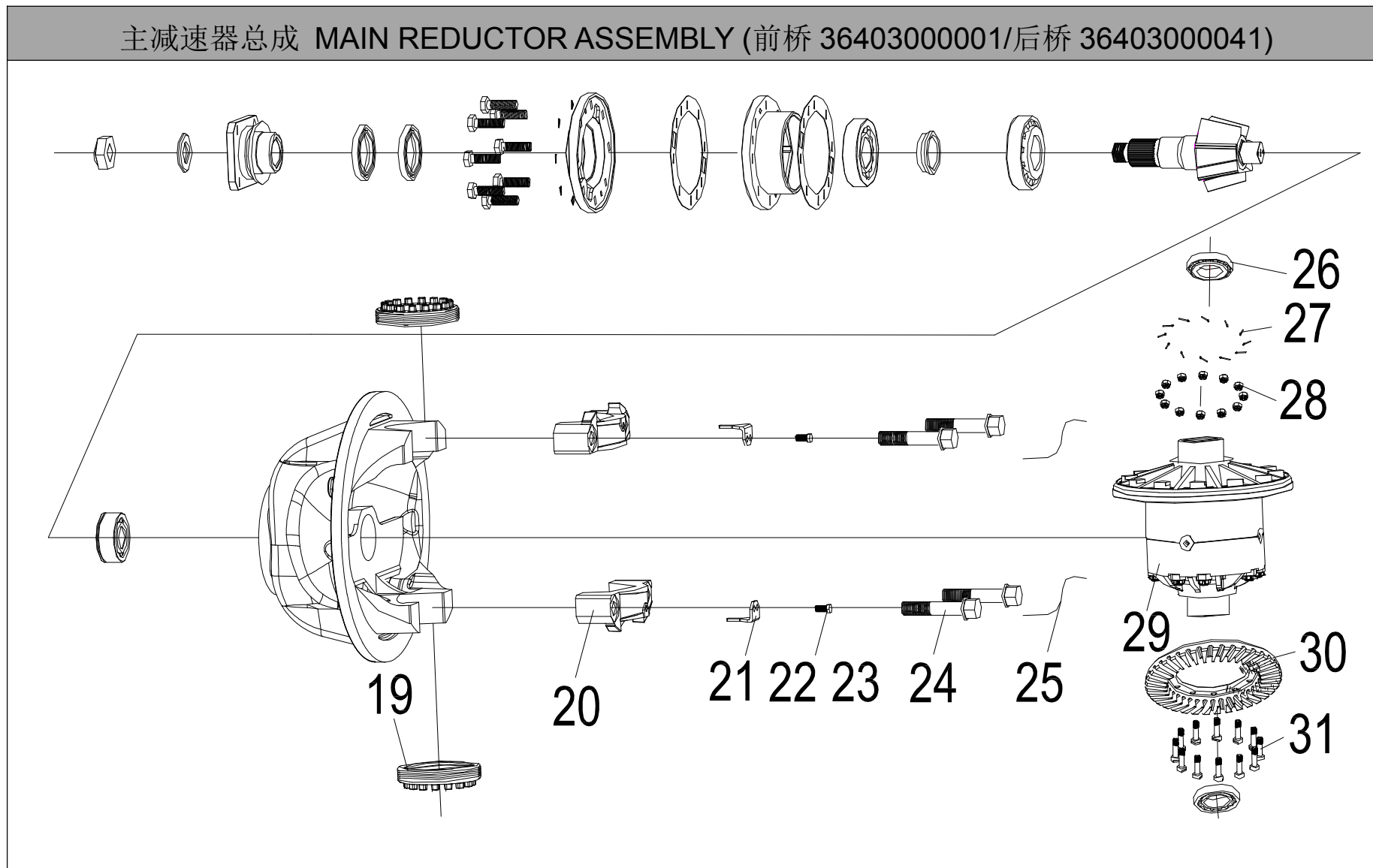
[illegible]

主减速器总成 MAIN REDUCTOR ASSEMBLY (前桥 36403000001/后桥 36403000041)



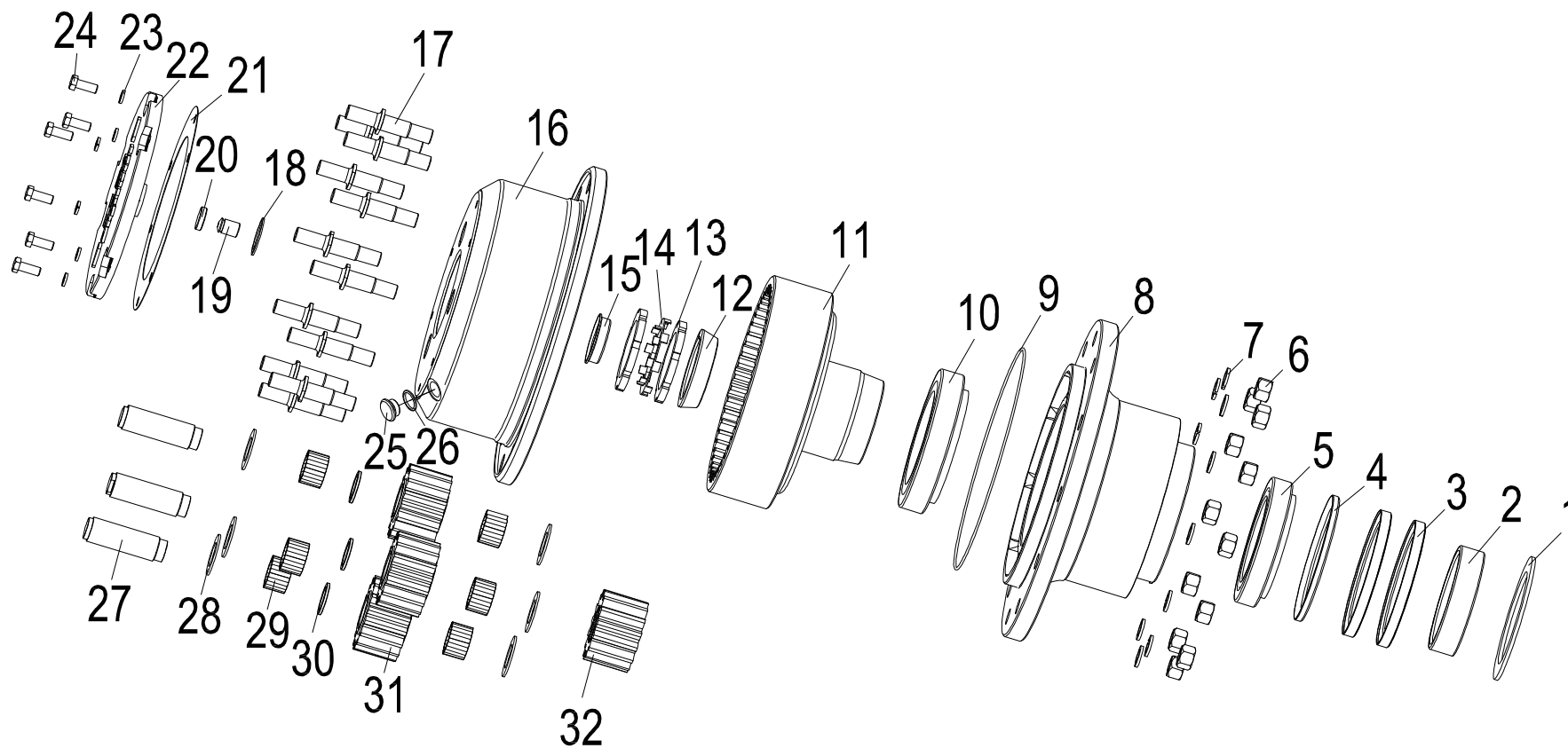
主减速器总成 MAIN REDUCTOR ASSEMBLY (前桥 36403000001/后桥 36403000041)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	36403100001	锁紧螺母	Lock nut	n	1	LG30F.04301A
2	36403100002	垫圈	Washer		1	LG30F.04302A
3	36403000002	法兰焊合	Flange welding		1	LG30F.04303A-304A
4	56177006802	密封圈 FB65×90×10	Sealing ring FB65×90×10		2	GB/T9877.1
5	51210120215	螺栓 M14×1.5×50	Bolt	10.9	7	GB/T5785
6	51401120107	垫圈14	Washer 14		7	GB/T93
7	36403100005	主减速器盖	Main reducer cover		1	LG30F.04305A
8	36403100006	密封垫	Seal gasket		1	LG30F.04306A
9	36403100007	主减速器轴承座	Main Differential bearing block		1	LG30F.04307A
10	36403100008	调整垫片	Adjusting shim		1组	LG30F.04308A
11	52322003501	轴承30310/P6X	Bearing 30310/P6X		1	GB/T297
12	36403100009	轴承隔套	Distance sleeve of bearing		1	LG30F.04309A
13	52322003401	轴承30311/P6X	Bearing 30311/P6X		1	GB/T297
14	36403100013	主动螺旋锥齿轮（前桥）	Active spiral bevel gear (front axle)		1	LG30F.04312A
	36403100010	主动螺旋锥齿轮（后桥）	Active spiral bevel gear (rear axle)		1	LG30F.04310A
15	51401110107	垫圈12	Washer 12		1	GB/T93
16	51210111515	螺栓 M12×1.5×45	Bolt M12×1.5×45		1	GB/T5785
17	36403000006	内圈单档边圆柱滚子轴承	Bearing		1	LG30F.04314A

主减速器总成 MAIN REDUCTOR ASSEMBLY (前桥 36403000001/后桥 36403000041)



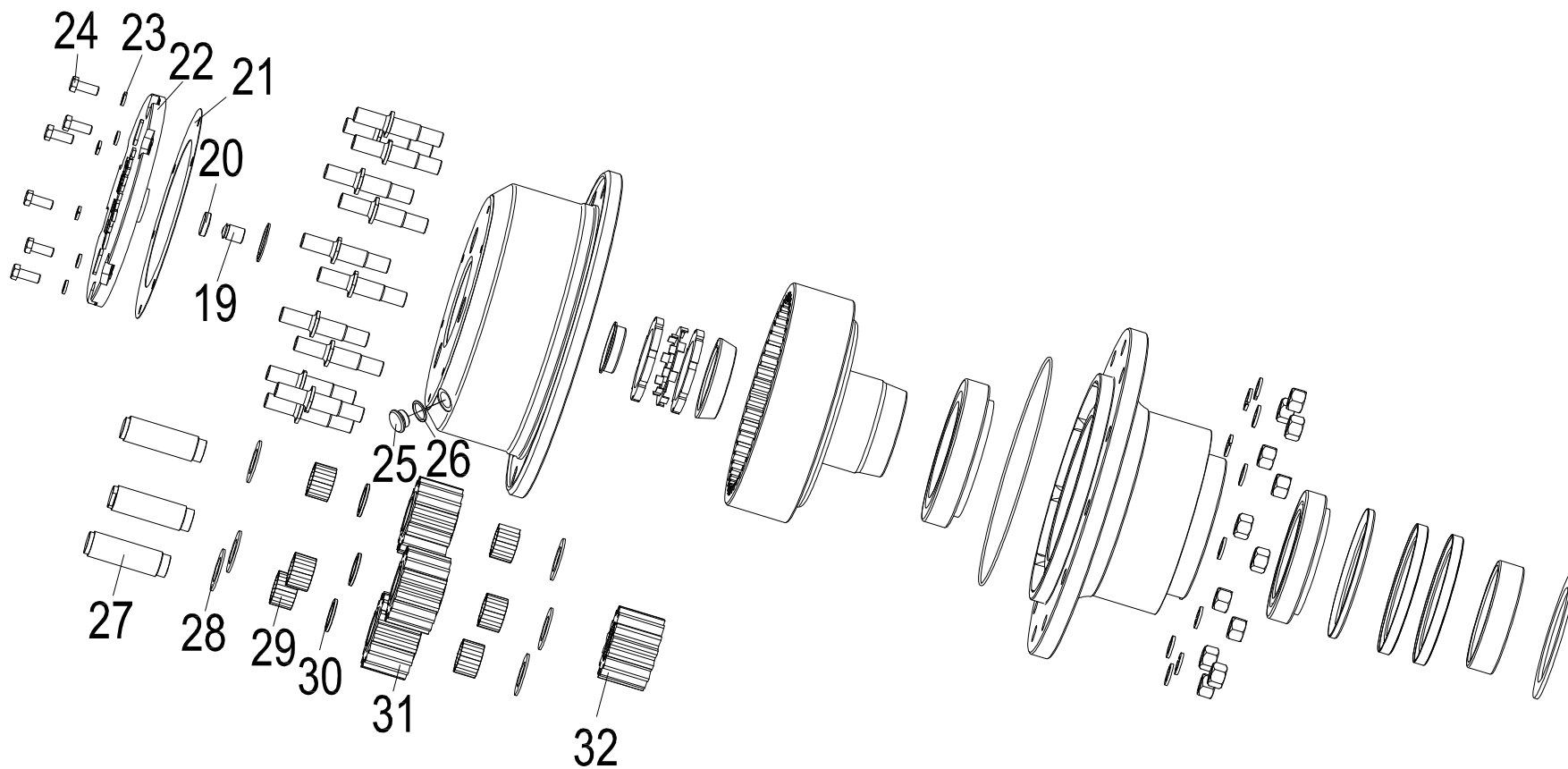
主减速器总成 MAIN REDUCTOR ASSEMBLY (前桥 36403000001/后桥 36403000041)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
18	36403100015	托架	Bracket		1	LG30F.04315A
19	36403100017	调整螺母	Adjusting nut		2	LG30F.04317A
20	36403100016	轴承盖	Bearing cover		2	LG30F.04316A
21	36403100062	锁紧片	Lock disc		2	LG50F.04327A
22	51227101014	螺栓 M10×1×20	Bolt M10×1×20	8.8	2	GB/T32.3
23	51401100107	垫圈 10	Washer 10	8	2	GB/T93
24	36403100060	螺栓	Bolt		4	LG50F.04325A
25	36403100026	铁丝 16#×500	Iron wire 16#×500		2	LG30F.04327A
26	52321001501	轴承 30215	Bearing		2	GB/T297
27	51512082301	销 3.2×26	Pin		12	GB/T91
28	51331000622	螺母 M14×1.5	Nut M14×1.5		12	GB/T9457
29	36403000008	差速器	Differential		1	LG30F.04318A-325A
30	36403100014	被动螺旋锥齿轮（前桥）	Passive spiral bevel gear（front axle）		1	LG30F.04313A
	36403100011	被动螺旋锥齿轮（后桥）	Passive spiral bevel gear（rear axle）		1	LG30F.04311A
31	36403100149	被动螺旋锥齿轮螺栓	Bolt for passive spiral bevel gear		12	LGQ856AL.03-008

轮边减速器总成 WHEEL REDUCTOR ASSEMBLY (36402000001)



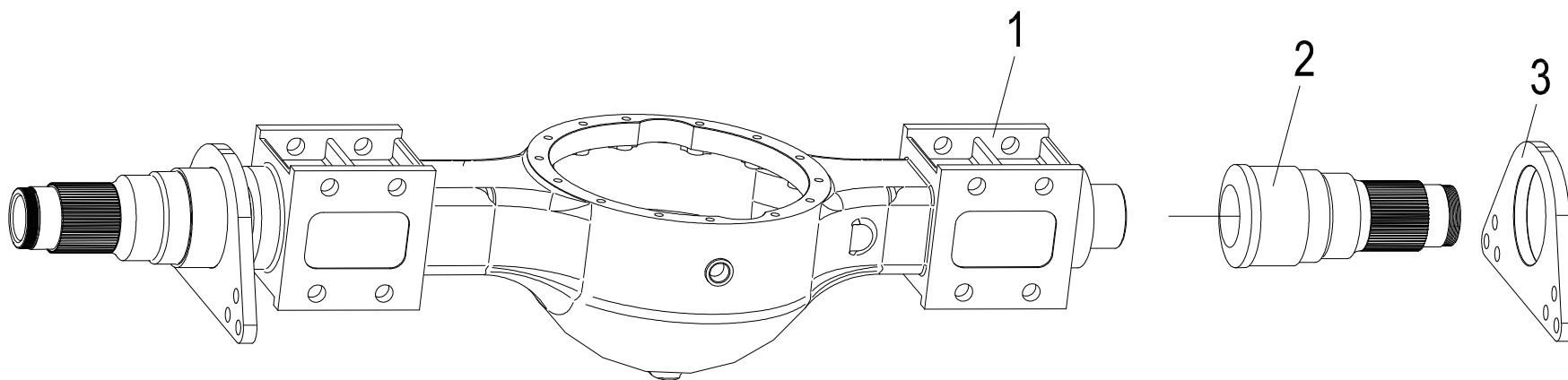
轮边减速器总成 WHEEL REDUCTOR ASSEMBLY (36402000001)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	36402100018	防尘板	Dustproof guard		1	LG30F.04417A
2	36402100017	油封座	Oil seal seat		1	LG30F.04416A
3	56177010301	密封圈 FB150×180×15	Seal ring		2	GB/T9877
4	36402100016	挡油板	Oil pan		1	LG30F.04415A
5	52326002301	轴承32024	Bearing 32024		1	GB/T297
6	51309001020	螺母 M20×1.5	Nut M20×1.5		12	GB/T6171
7	51401150107	垫圈 20	Washer 20		12	GB/T93
8	36402100015	轮毂	Wheel hub		1	LG30F.04414A
9	36402100014	O 形圈	O-ring		1	LG30F.04413A
10	52326002401	轴承32026	Bearing		1	GB/T297
11	36402100092	内齿轮	Internal gear		1	ZL30.04.01-007
12	36402100039	锥套	Taper sleeve		1	LG50F.04421A
13	36402100038	圆螺母	Round nut		2	LG50F.04420A
14	51439420105	垫圈85	Washer85		1	GB/T858
15	36402100037	隔套	Spacer sleeve		1	LG50F.04419A
16	36402100009	行星轮架	Planetary carrier		1	LG30F.04409A
17	36402100044	轮辋螺栓	Rim bolt		12	LG50F.04427A
18	51453400107	挡圈50	Circlip 50		1	GB/T894.1

轮边减速器总成 WHEEL REDUCTOR ASSEMBLY (36402000001)



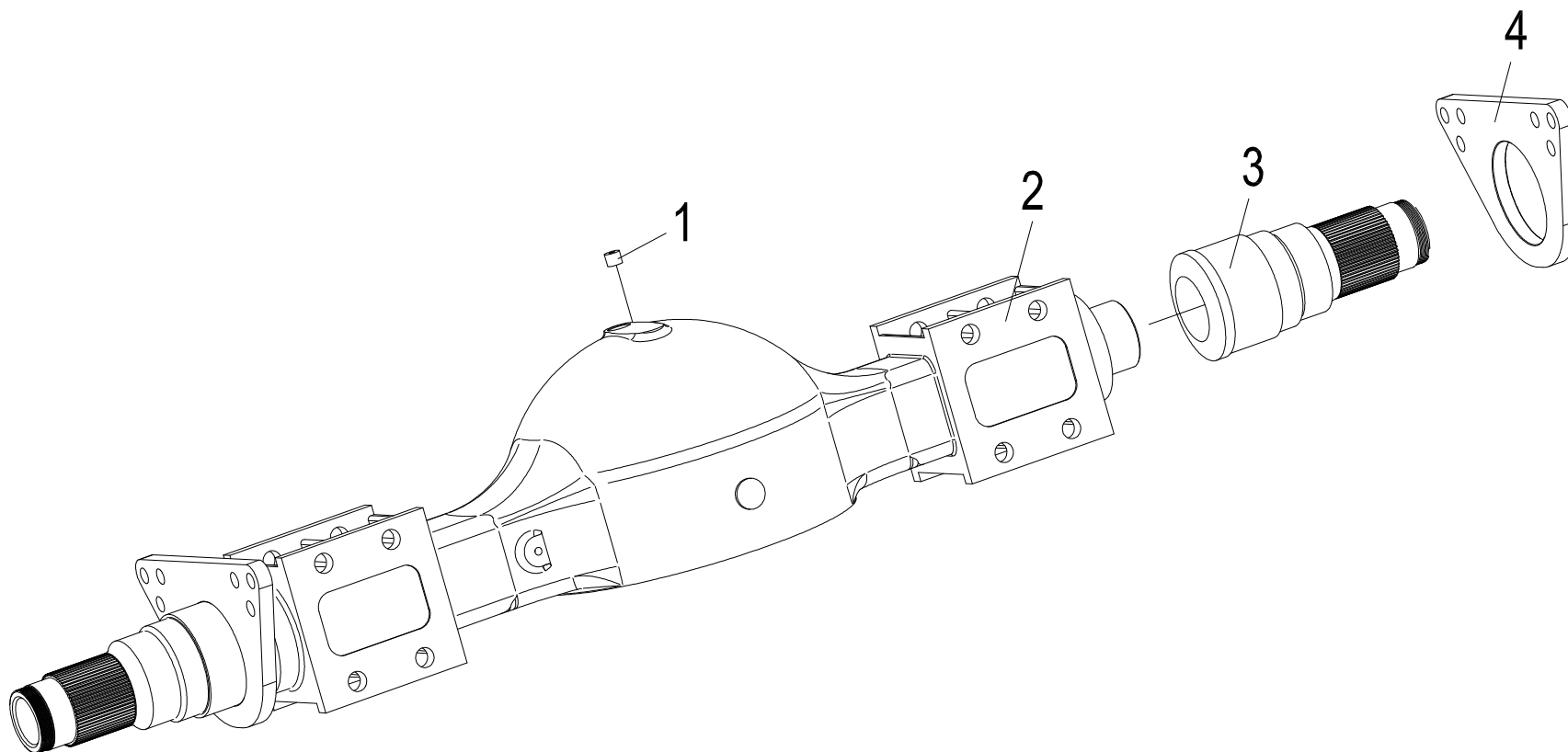
轮边减速器总成 WHEEL REDUCTOR ASSEMBLY (36402000001)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
19	36402100003	调整支柱	Adjusting support column		1	LG30F.04403A
20	36402100031	档块	Link stopper		1	LG50F.04413A
21	36402100001	密封纸垫	Sealing gasket		1	LG30F.04401A
22	36402100004	轮边端盖	Wheel-side end cover		1	LG30F.04404A
23	51401110107	垫圈12	Washer 12		6	GB/T93
24	51207115214	螺栓 M12×1.25×30	Bolt	8.8	6	GB/T5786
25	36402100036	油塞	Oil plug		1	LG50F.04418A
26	36402100035	垫圈	Washer		1	LG50F.04417A
27	36402100006	行星轮轴	Planetary axletree		3	LG30F.04406A
28	36402100007	挡板	Baffle		3	LG30F.04407A
29	36402100024	滚针	Rolling needle		126	LG50F.04406A
30	36402100008	隔套	Spacer sleeve		3	LG30F.04408A
31	36402100005	行星轮	Planetary gear		3	LG30F.04405A
32	36402100002	太阳轮	Sun wheel		1	LG30F.04402A

前桥壳焊合 FRONT AXLE HOUSING WELDING (36401000001)



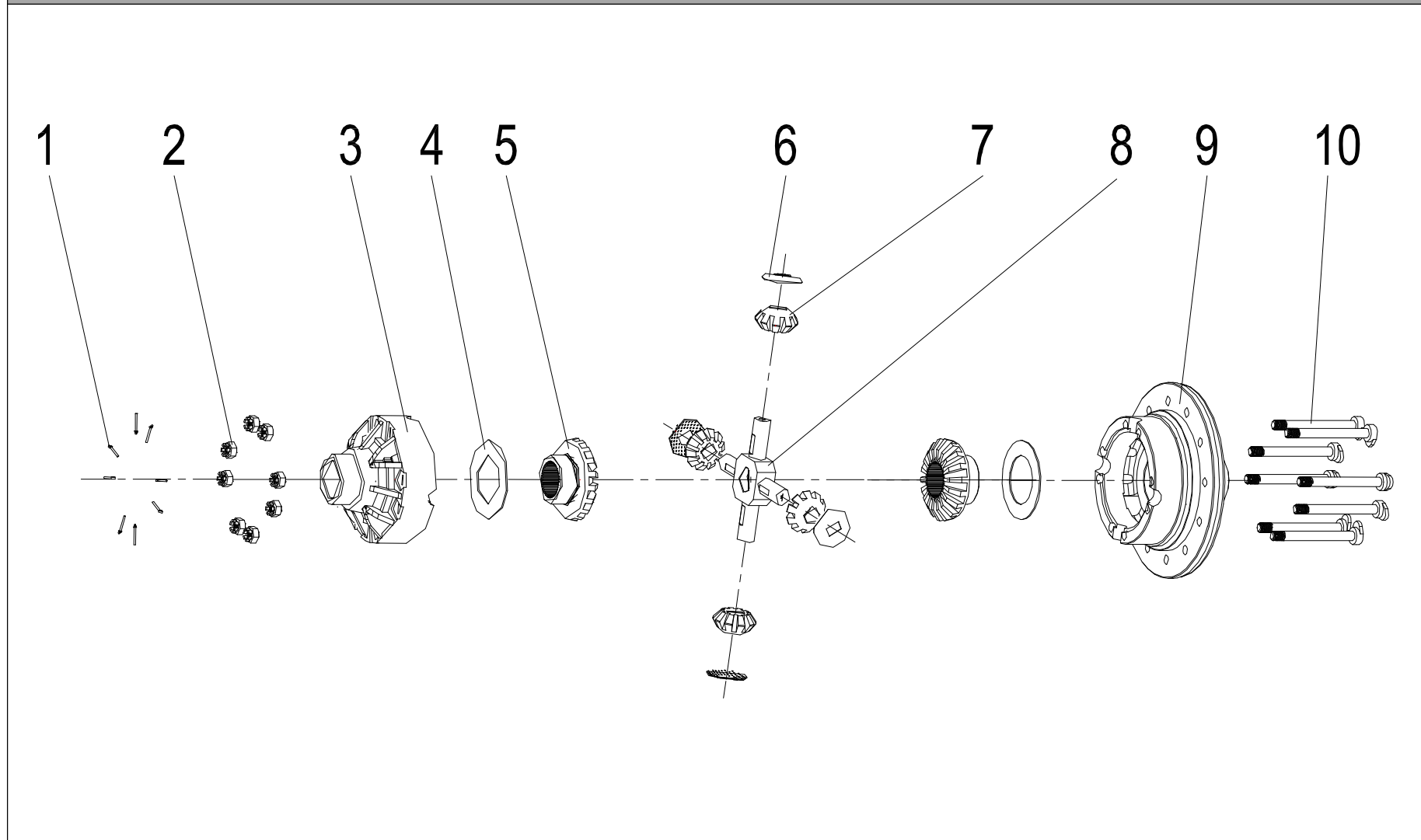
[illegible]

后桥壳焊合 REAR AXLE HOUSING WELDING (36401000011)



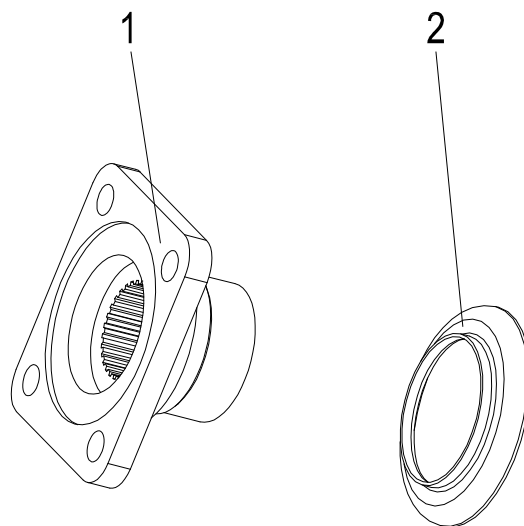
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差速器总成 DIFFERENTIAL ASSEMBLY (36403000008)

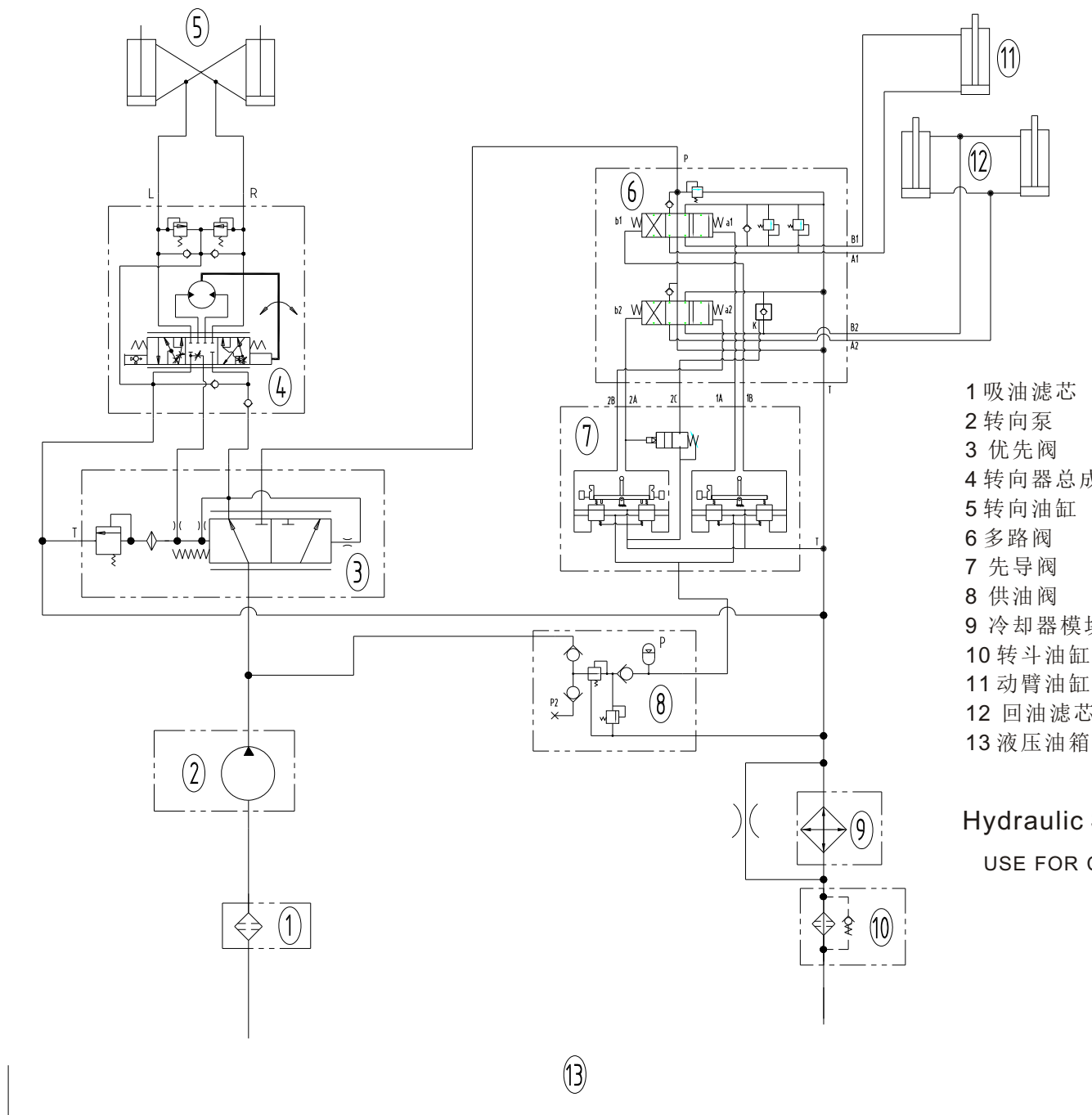


差速器总成 DIFFERENTIAL ASSEMBLY (36403000008)						
序号 Item	编码 Code	名称 Parts Description		规格 Specification	数量 Qty	原图号/备注 Original No./Remarks
1	51512082301	开口销3.2×26	Cotter pin 3.2×26		8	GB/T91
2	51331000622	螺母 M14×1.5	Nut M14×1.5	10	8	GB/T9457
3	36403100019	差速器左壳	Left cover of differential mechanism		1	LG30F.04319A
4	36403100024	半轴齿轮垫片	Half shaft gear washer		2	LG30F.04324A
5	36403100025	半轴齿轮	Half axle gear		2	LG30F.04325A
6	36403100022	锥齿轮垫圈	Bevel washer		4	LG30F.04322A
7	36403100020	锥齿轮	Angle gear		4	LG30F.04320A
8	36403100023	十字轴	Cross axle		1	LG30F.04323A
9	36403100018	差速器右壳	Right cover of differential mechanism		1	LG30F.04318A
10	36403100021	凸缘螺栓	Flange bolt		8	LG30F.04321A

法兰焊合 FLANGE WELDING (36403000002)

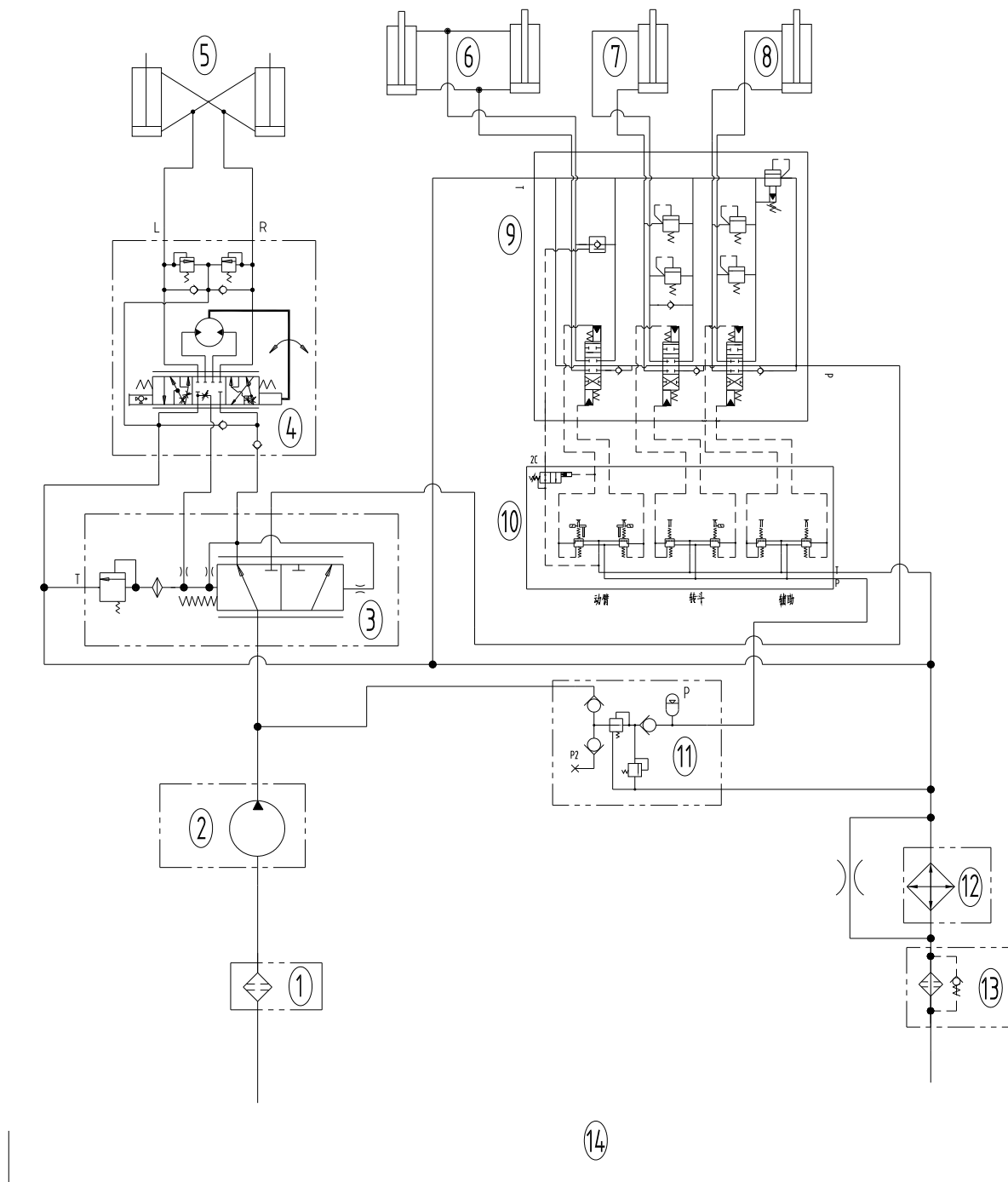


[illegible]



Hydraulic System Schematic Diagram

USE FOR CDM835EX.001 WHEEL LOADER



- | | |
|----------|------------------------------|
| 1 吸油滤芯 | 1 Oil suction filter element |
| 2 转向泵 | 2 Steering pump |
| 3 优先阀 | 3 Priority valve |
| 4 转向器总成 | 4 Steering device assembly |
| 5 转向油缸 | 5 Steering cylinder |
| 6 动臂油缸 | 6 Boom cylinder |
| 7 转斗油缸 | 7 Tilt cylinder |
| 8 第三联油缸 | 8 The third cylinder |
| 9 多路阀 | 9 Multi-way valve |
| 10 先导阀 | 10 Pilot valve |
| 11 供油阀 | 11 Oil supply valve |
| 12 冷却器模块 | 12 Cooler module |
| 13 回油滤芯 | 13 Oil return filter element |
| 14 液压油箱 | 14 Hydraulic oil tank |

Hydraulic System Schematic Diagram

USE FOR CDM835EV.001 WHEEL LOADER