

PARTS MANUAL

Starke EcoMaxx Series

ECO-FG/FD 10-18

Rev 02/2017



STARKE MATERIAL HANDLING GROUP

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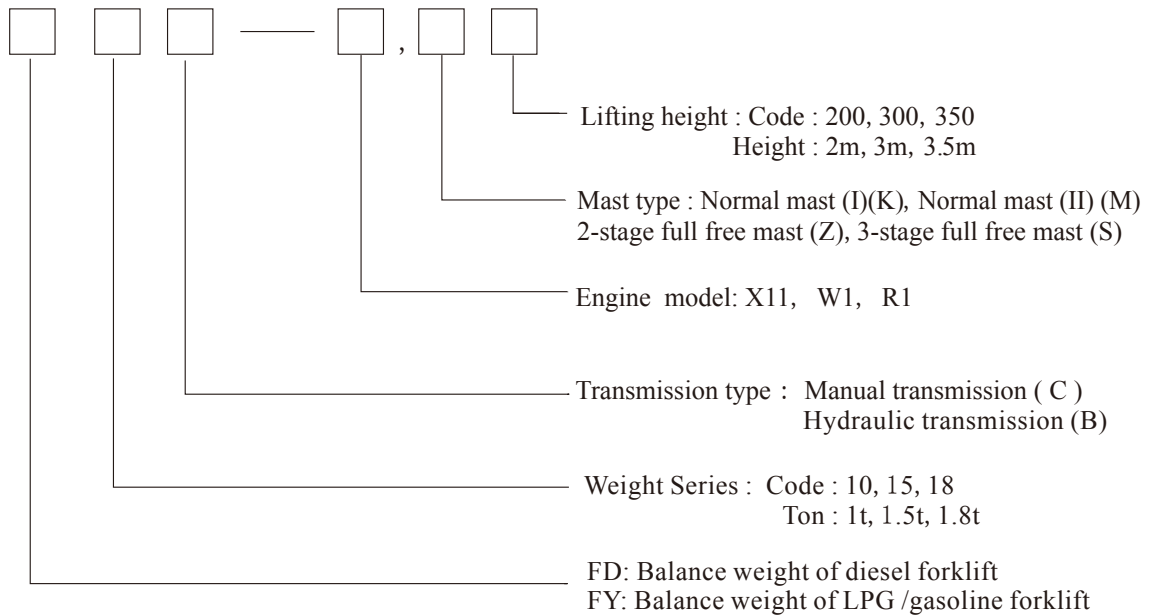
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STARKE
ECOMAXX

FOREWORD

1. This parts list is applied to the FD(Y)10, FD(Y)15, FD(Y)18 forklift truck . It is intended for users to identify the name, number and quantity of the parts replaced or repaired and to order them from the suppliers works.
2. When order parts , it is necessary to state the model of the forklift truck, its date of manufacture and according to this Part List , to state the whole number , the whole name and quantity.
3. Among the models of the forklifts truck:



4. If there is any change, we will not notify.
5. Model application: Engine model and maximum capacity.
6. The following trucks are provided with corresponding engine.

FD10,15,18-X11 / NC 485BPG-508 engine

FD10,15,18-W1 / C 240PKJ-30 engine

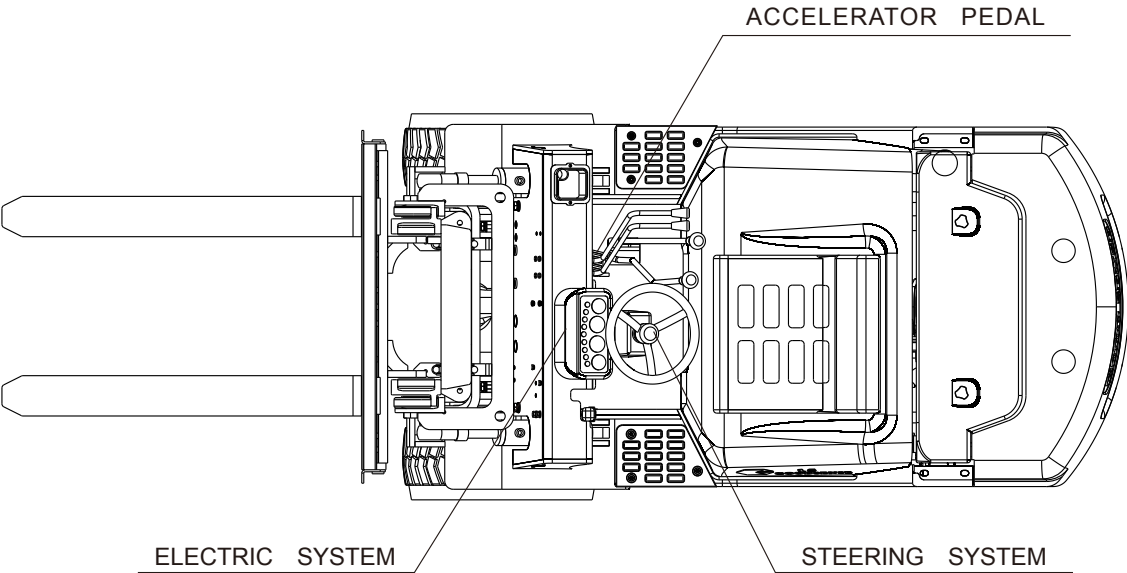
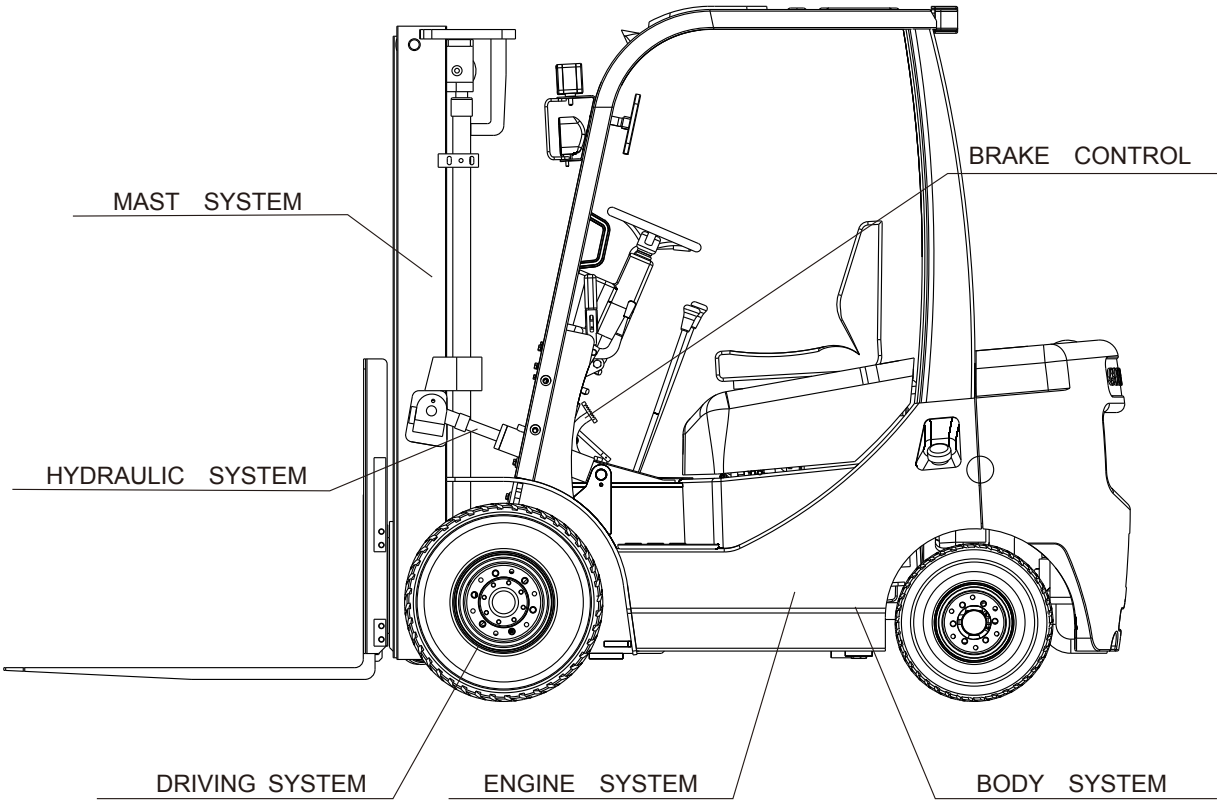
FY10,15,18-R1 / K21 engine

FY10,15,18-S1 / PSI2.4 engine

Note: EX-A: Special parts made for the forklift trucks exported to US and Canada.

EX-B: Parts made for common forklift trucks markets.

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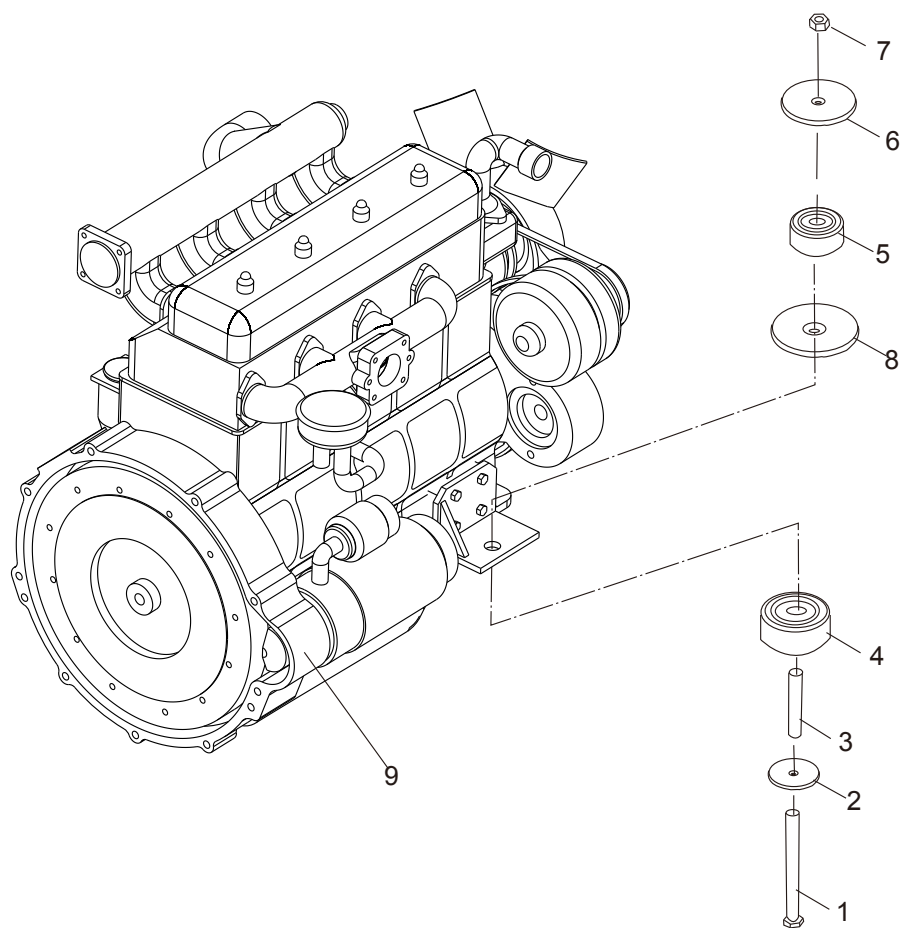
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ENGINE SYSTEM

Engine mount

FD10,15,18-X11



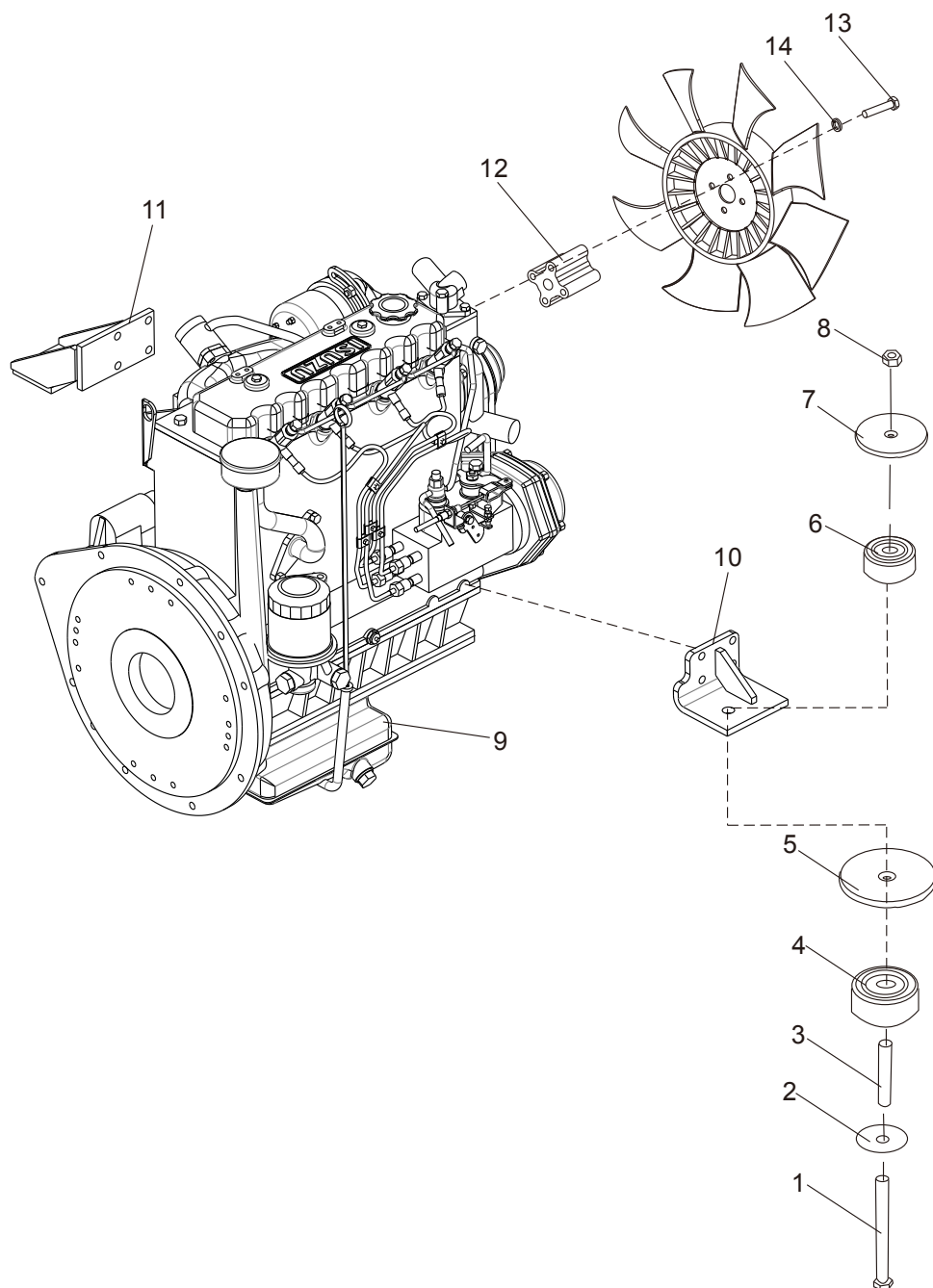
Engine mount

FD10,15,18-X11

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M10×110×35 Bolt	2	
2	A30A5-10005	Washer	2	
3	A30A5-10002	Bushing	2	
4	A30A5-10003	Rubber	2	
5	A30A5-10004	Rubber	2	
6	A30A5-10001	Plate	2	
7	GB/T889.1	M10 Nut	2	
8	A30H5-10001	Washer	2	
9	A15C5-10100	NC485BPG-508 Engine	1	

Engine mount

FD10,15,18-W1



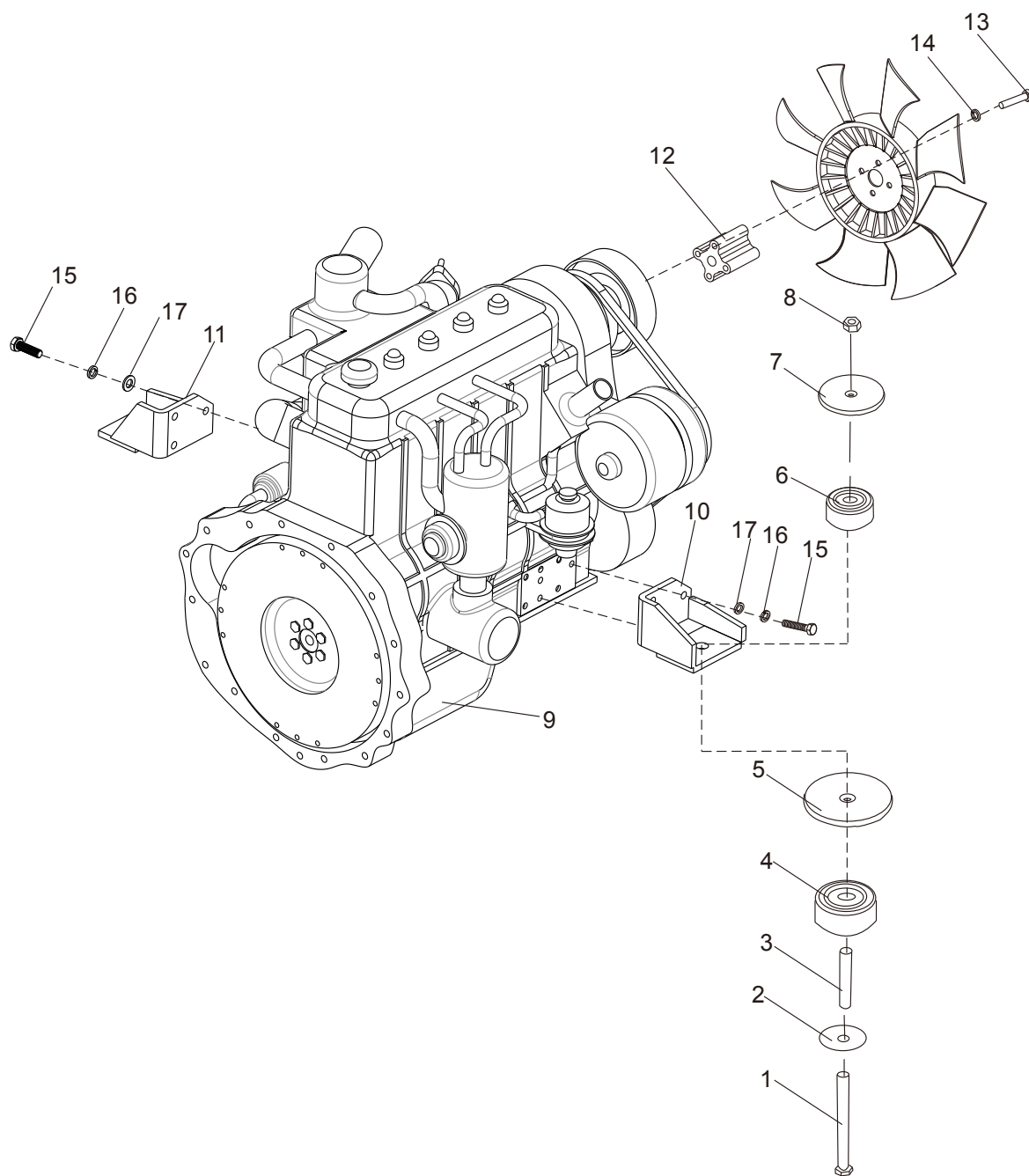
Engine mount

FD10,15,18-W1

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M10×110×35 Bolt	2	
2	A30A5-10005	Washer	2	
3	A30A5-10002	Bushing	2	
4	A30A5-10003	Rubber	2	
5	A30H5-10001	Washer	2	
6	A30A5-10004	Rubber	2	
7	A30A5-10001	Plate	2	
8	GB/T889.1	M10 Nut	2	
9	A30D5-10300	C240PKJ-30 Engine	1	
10	A30D5-10500	Engine mount L.H.	1	
11	A30D5-10400	Engine mount R.H.	1	
12	A15E5-10001	Fan block	1	
13	GB/T5783	M8×35 Bolt	4	
14	GB/T93	8 Washer,lock	2	

Engine mount

FY10,15,18-R1



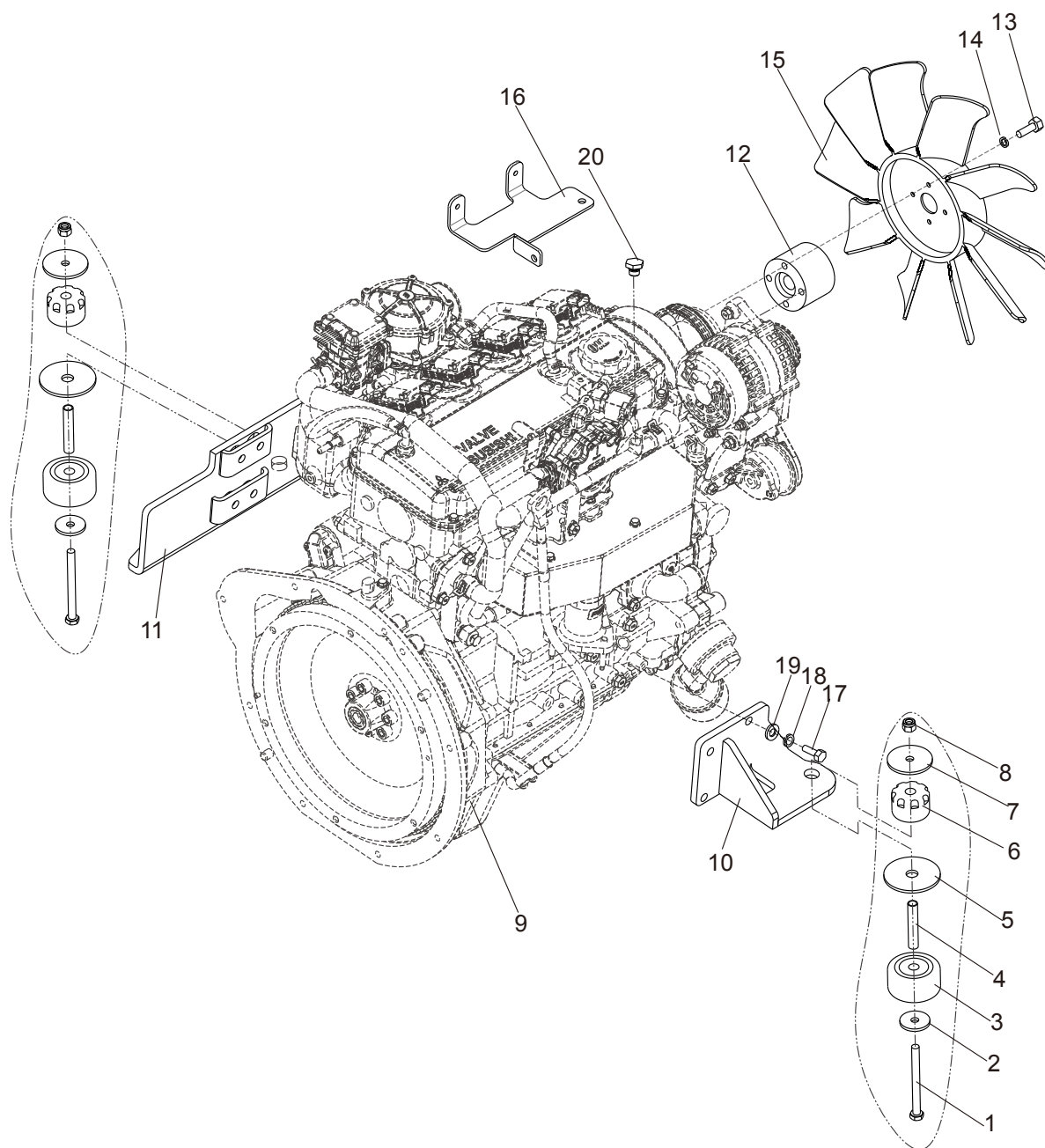
Engine mount

FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M10×110×35 Bolt	2	
2	A30A5-10005	Washer	2	
3	A30A5-10002	Bushing	2	
4	A30A5-10003	Rubber	2	
5	A30H5-10001	Washer	2	
6	A30A5-10004	Rubber	2	
7	A30A5-10001	Plate	2	
8	GB/T889.1	M10 Nut	2	
9	A20E5-10200	K21 Engine	1	
10	A20E5-10300	Engine mount L.H.	1	
11	A20E5-10400	Engine mount R.H.	1	
12	A30E5-10001	Fan block	1	
13	GB/T5783	M6×70 Bolt	4	
14	GB/T93	6 Washer,lock	4	
15	GB/T5783	M10×30 Bolt	6	
16	GB/T93	10 Washer,lock	6	
17	GB/T97.1	10 Washer	6	

Engine mount

FY10,15,18-S6

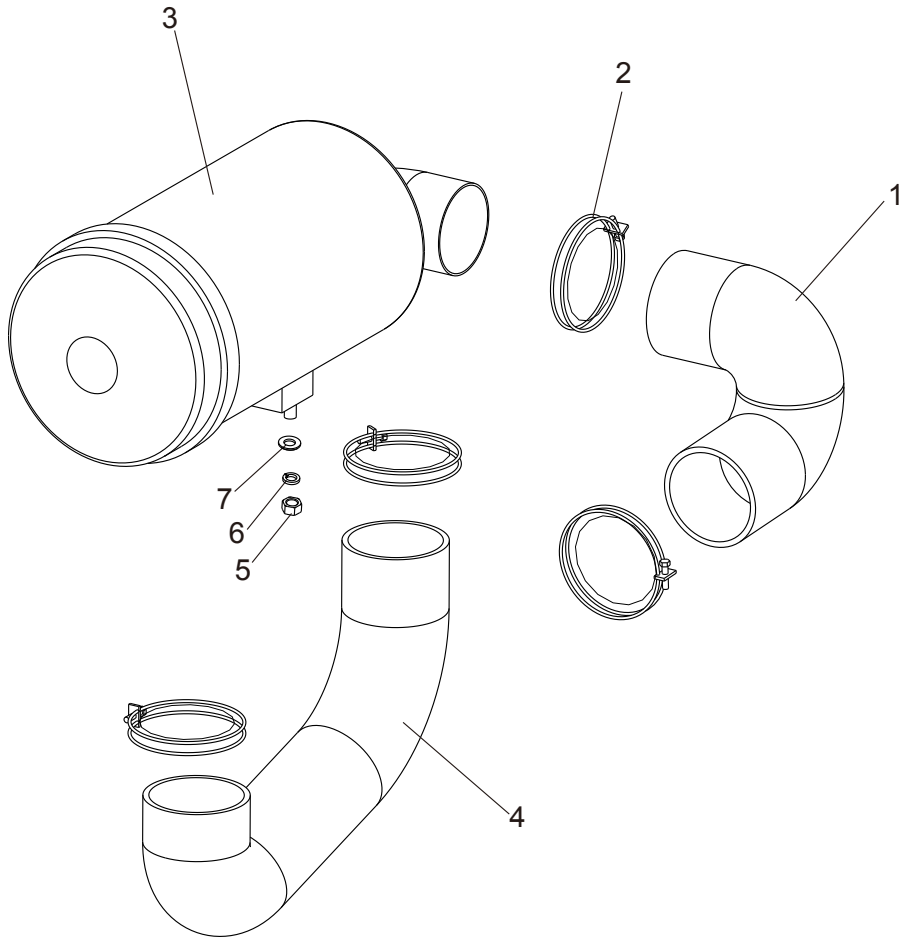


Engine mount

FY10,15,18-S6

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	10×110×35 Bolt	2	
2	A30A5-10005	Washer	2	
3	A30A5-10002	Bushing	2	
4	A30A5-10003	Rubber	2	
5	A30H5-10001	Washer	2	
6	A30A5-10004	Rubber	2	
7	A30A5-10001	Plate	2	
8	GB/T889.1	M10 Nut	2	
9	A30BJ5-11000	PSI2.4 Engine	1	
10	A30BJ5-10100	Engine mount L.H.	1	
11	A30BJ5-10200	Engine mount R.H.	1	
12	A15Q5-10002	Fan block	1	
13	GB/T5783	M8×50 Bolt	4	
14	GB/T93	8 Washer,lock	4	
15	A30E5-10310	Fan	1	
16	A30BJ5-10300	Mounting plate	1	
17	GB/T5783	M10×30 Bolt	8	
18	GB/T93	10 Washer,lock	8	
19	GB/T97.1	10 Washer	8	
20	GJT-533-00	Plug	1	

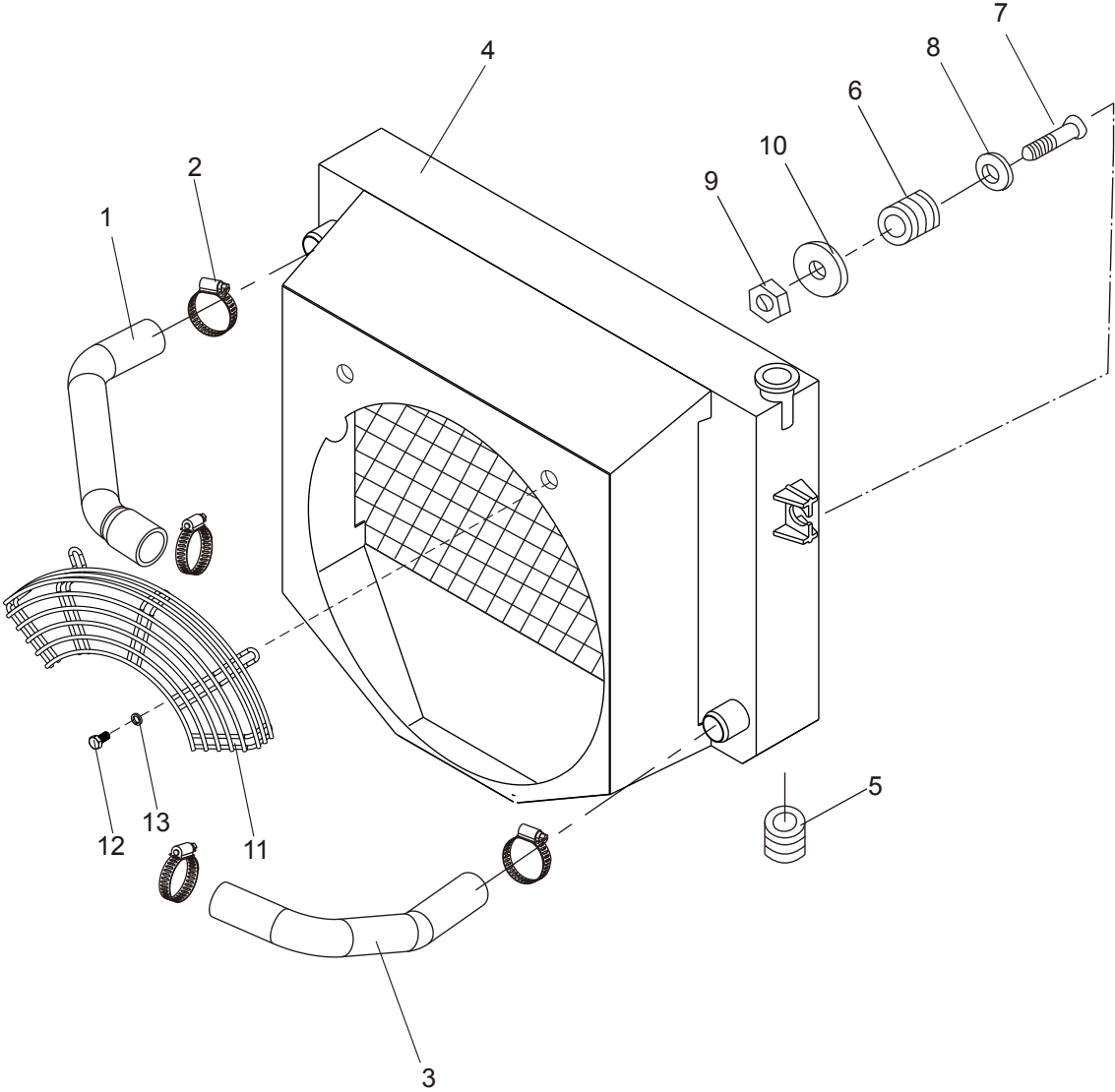
Air intake system



Air intake system

Item	Part No	Description	Q'ty	Remark
1	A15C5-10002	A Hose, intake air	1	
2	JB/T8870	80×60 Clip	4	
3	A30D5-10200	Air cleaner	1	
4	A15C5-10001	B Hose, intake air	1	FD10,15,18-X11
–	A30D5-10101	B Hose, intake air	1	FD10,15,18-W1
–	A30E5-10101	B Hose, intake air	1	FY10,15,18-R1
–	A15Q5-10001	B Hose, intake air	1	FY10,15,18-S6
5	GB/T6170	M8 Nut	2	
6	GB/T93	8 Washer,lock	2	
7	GB/T97.1	8 Washer	2	

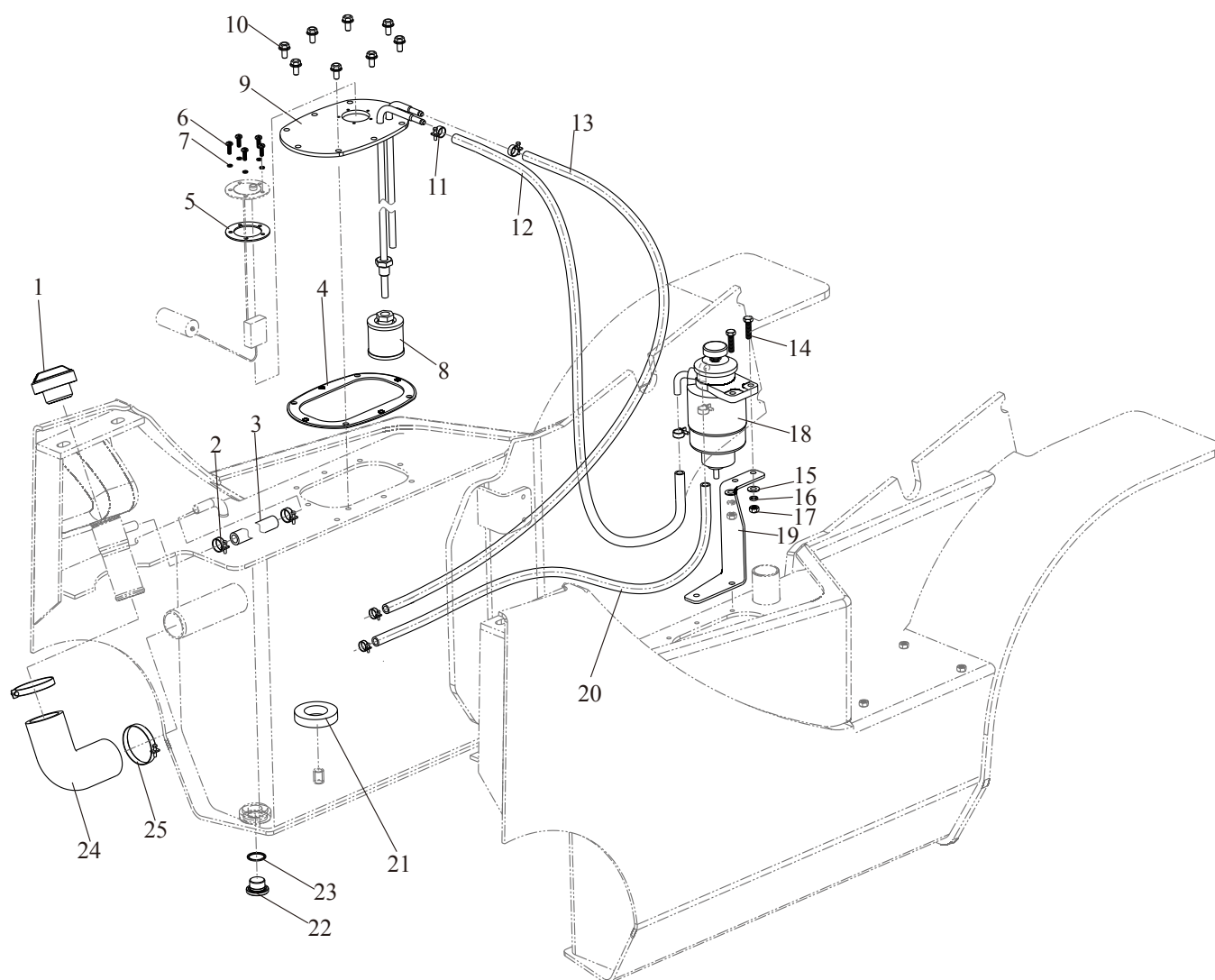
Cooling system



Cooling system

Item	Part No	Description	Q'ty	Remark
1	A15C5-40001	Hose rubber	1	FD10,15,18-X11
–	A30D5-40001	Hose rubber	1	FD10,15,18-W1
–	A30E5-40002	Hose rubber	1	FY10,15,18-R1
–	A15Q5-40001	Hose rubber	1	FY10,15,18-S6
2	JB/T8870	50×32 Clip	4	
3	A15C5-40002	Hose rubber	1	FD10,15,18-X11 FY10,15,18-R1
–	A30D5-40002	Hose rubber	1	FD10,15,18-W1 FY10,15,18-S6
–	A15Q5-40002	Hose rubber	1	
4	A15C5-40200	Radiator	1	FD10,15,18MT-X11
–	A15D5-40100	Radiator	1	FD10,15,18AT-X11
–	A15E5-40100	Radiator	1	FD10,15,18-W1
–	A15F5-40100	Radiator	1	FY10,15,18-R1
–	A15Q5-40100	Radiator	1	FY10,15,18-S6
5	A30A5-40003	I Rubber	2	
6	A30A5-40004	II Rubber	2	
7	A30A5-40005	Bolt	2	
8	A30A5-20003	Plate	2	
9	GB/T889.1	M8 Nut	2	
10	GB/T97.1	8 Washer	2	
11	A30E5-40110	Fan retainer	1	
12	GB/T5783	M8×16 Bolt	2	
13	GB/T93	8 Washer, lock	2	

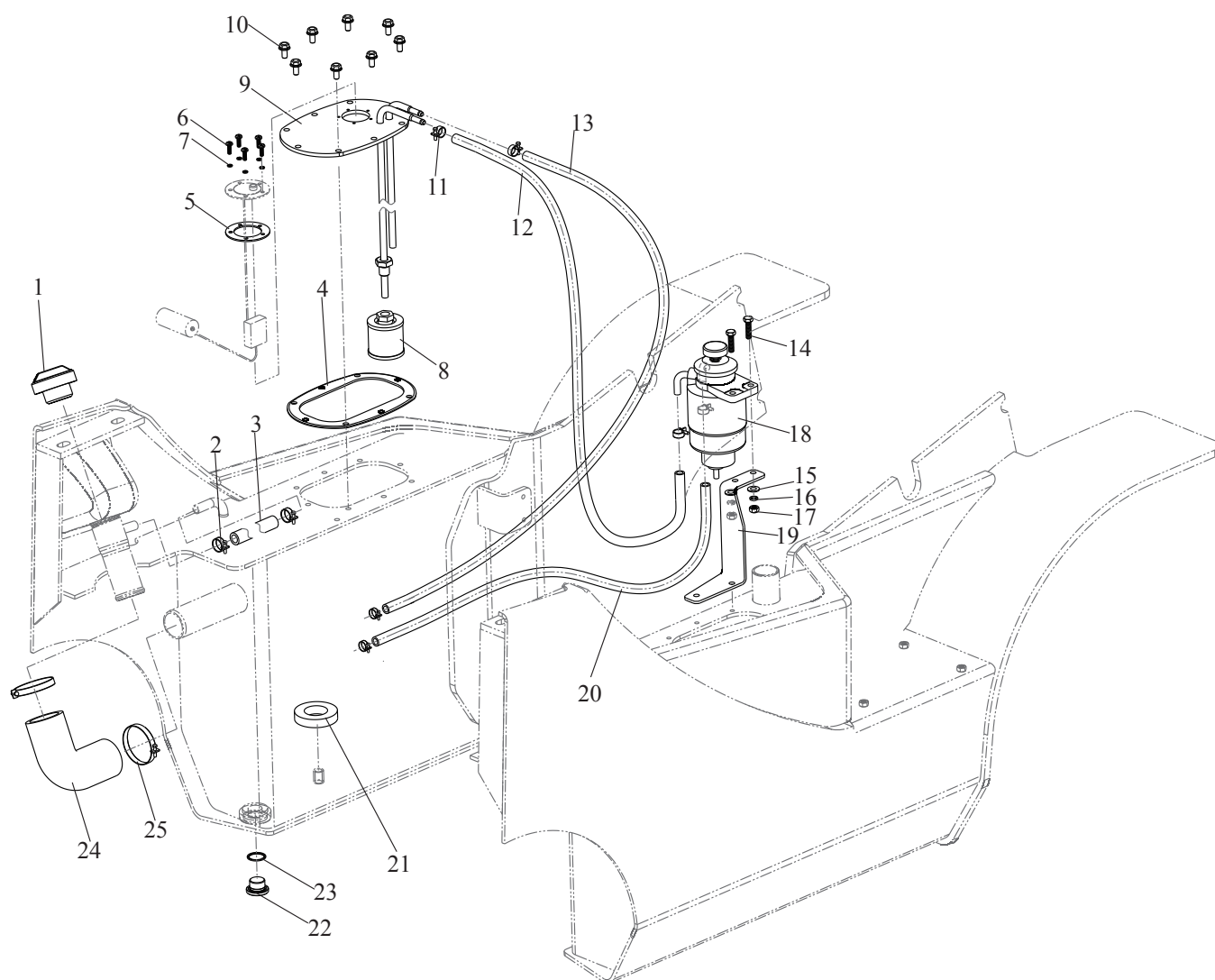
Fuel system FD10,15,18-X11/W1



Fuel system FD10,15,18-X11/W1

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	JB/T8870	5×16 Clip	2	
3	TG000-13028	13×280 Tube	1	FD10,15,18-X11
–	TG000-13032	13×320 Tube	1	FD10,15,18-W1
4	A30A5-30006	Packing	1	
5	A30A5-30002	Packing	1	
6	GB/T818	M5×12 Bolt	5	
7	GB/T93	5 Washer,lock	5	
8	A30A5-30400	Diesel Filter	1	
9	A15C5-30200	Plate	1	
10	GB/T5787	M8×16 Bolt	8	
11	JB/T8870	16×10 Clip	6	
12	TG000-10110	10×1100 Tube	1	FD10,15,18-X11
–	TG000-10050	10×500 Tube	1	FD10,15,18-W1
13	TG000-10140	10×1400 Tube	1	FD10,15,18-X11
–	TG000-10080	10×800 Tube	1	FD10,15,18-W1
14	GB/T5783	M8×30 Bolt	10	
15	GB/T93	8 Washer, lock	10	
16	GB/T97.1	8 Washer	10	
17	GB/T6170	M8	2	

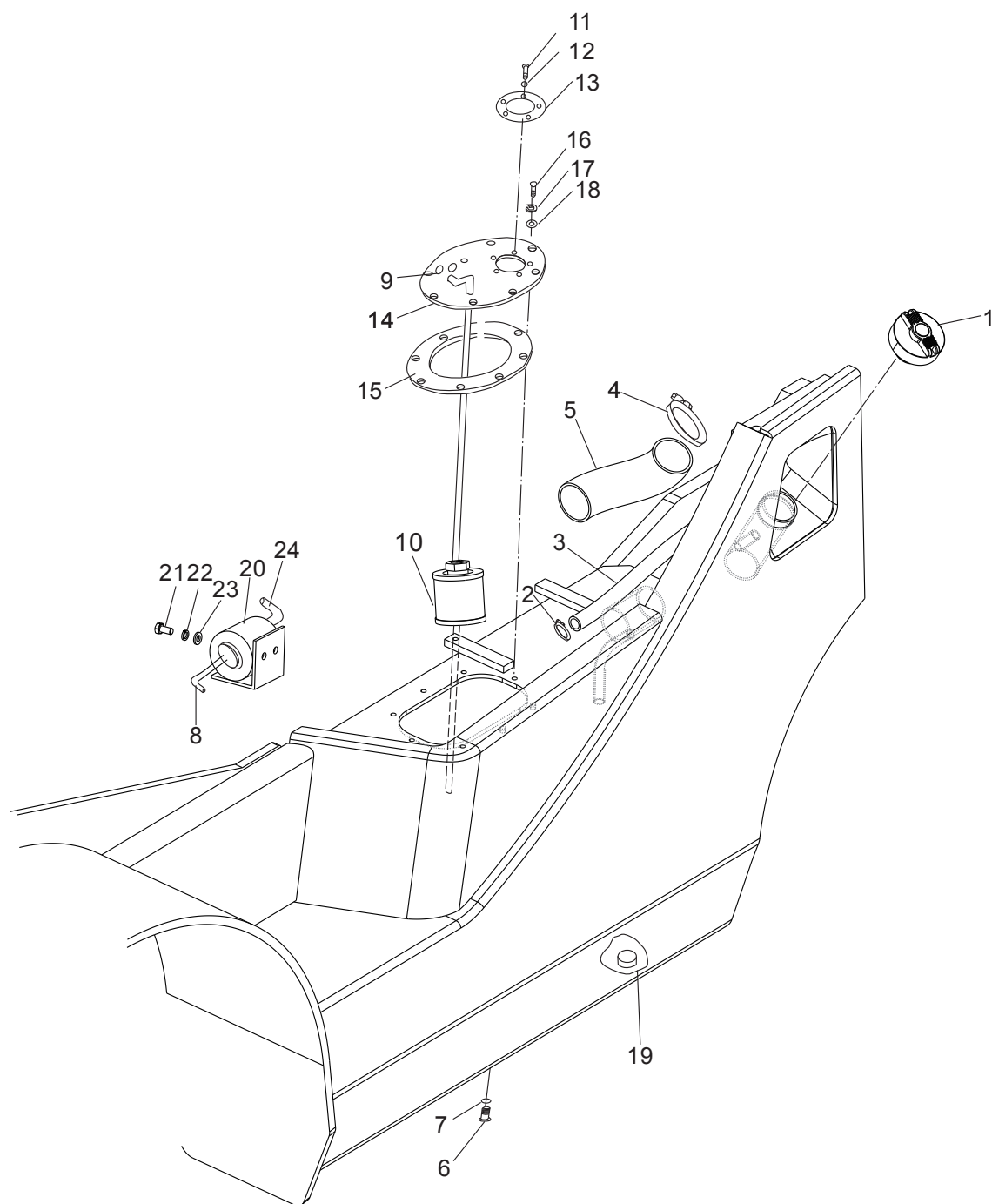
Fuel system FD10,15,18-X11/W1



Fuel system

Item	Part No	Description	Q'ty	Remark
18	A30A5-30300	Sedimenter	1	FD10,15,18-X11
–	A30D5-30100	Sedimenter	1	FD10,15,18-W1
19	A30A5-30004	Bracket	1	FD10,15,18-X11
–	A30A5-30005	Bracket	1	FD10,15,18-W1
20	TG000-10070	10×700 Tube	1	FD10,15,18-X11
–	TG000-10060	10×600 Tube	1	FD10,15,18-W1
21	A30A4-50003	Magnet	1	
22	A30A4-50002	Plug, drain	1	
23	A30A4-50004	26 Washer	1	
24	JB/T8870	70 ×50 Clip	2	
25	A30A5-30001	Hose	1	

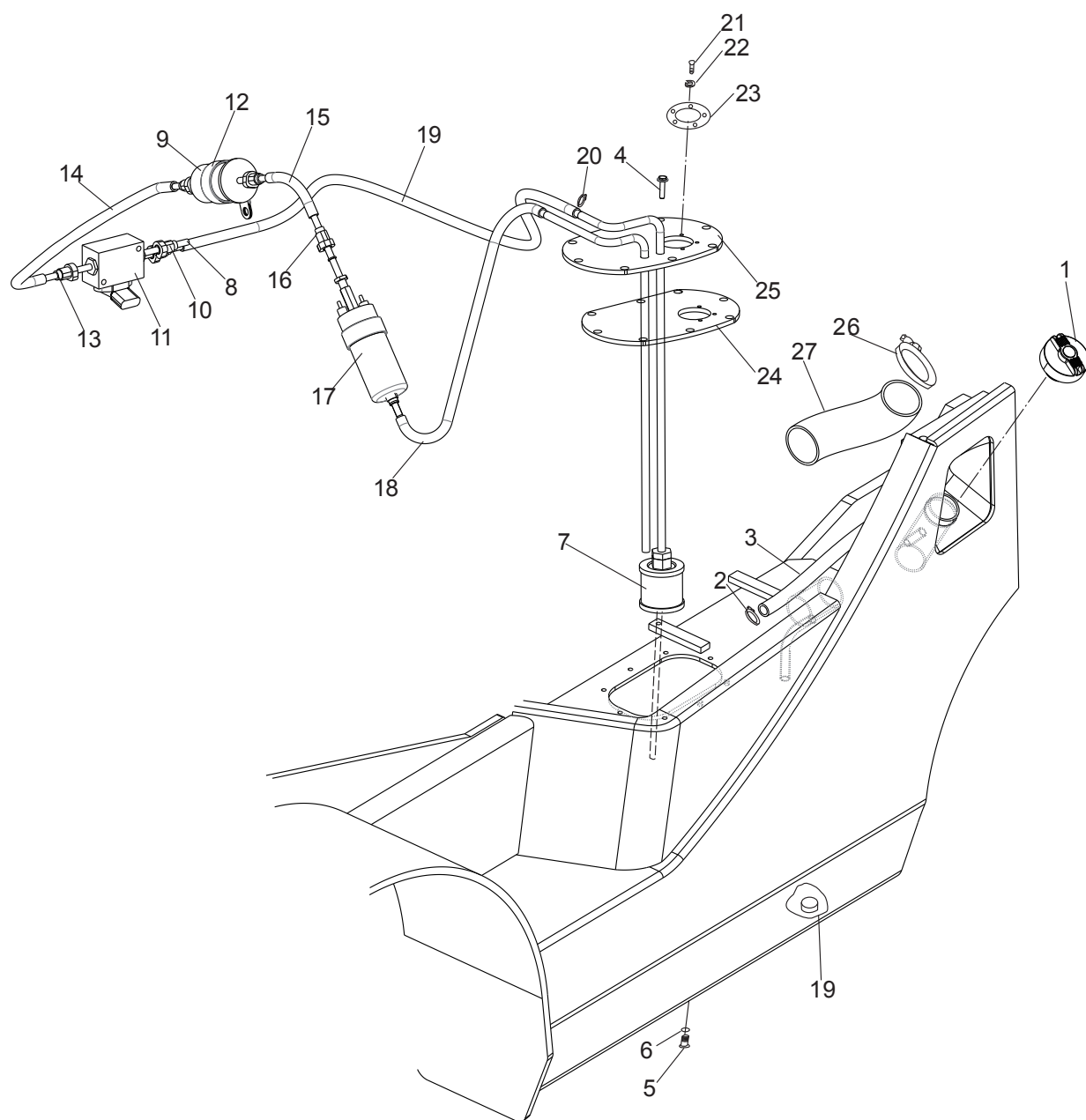
Fuel system FY10,15,18-R1



Fuel system FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	JB/T8870	25×16 Clip	2	
3	TG000-13022	13×220 Tube	1	
4	JB/T8870	70×50 Clip	2	
5	A30A5-30001	Hose	1	
6	A30A4-50002	Plug,drain	1	
7	A30A4-50004	26 Washer	1	
8	TG000-08034	8×340 Tube	1	
9	JB/T8870	20×12 Clip	2	
10	A30A5-30400	Diesel Filter	1	
11	GB/T818	M5×12 Bolt	5	
12	GB/T93	5 Washer,lock	5	
13	A30A5-30002	Packing	1	
14	A15F5-30200	Plate	1	
15	A30A5-30003	Packing	1	
16	GB/T5783	M8×25 Bolt	8	
17	GB/T93	8 Washer, lock	8	
18	GB/T97.1	8 Washer	8	
19	A30A4-50003	Magnet	1	
20	A30E5-30200	Diesel Filter	1	
21	GB/T5783	M6×12 Bolt	2	
22	GB/T93	6 Washer, lock	2	
23	GB/T97.1	6 Washer	2	
24	TG000-10024	10×240 Tube	1	

Fuel system FY10,15,18-S6

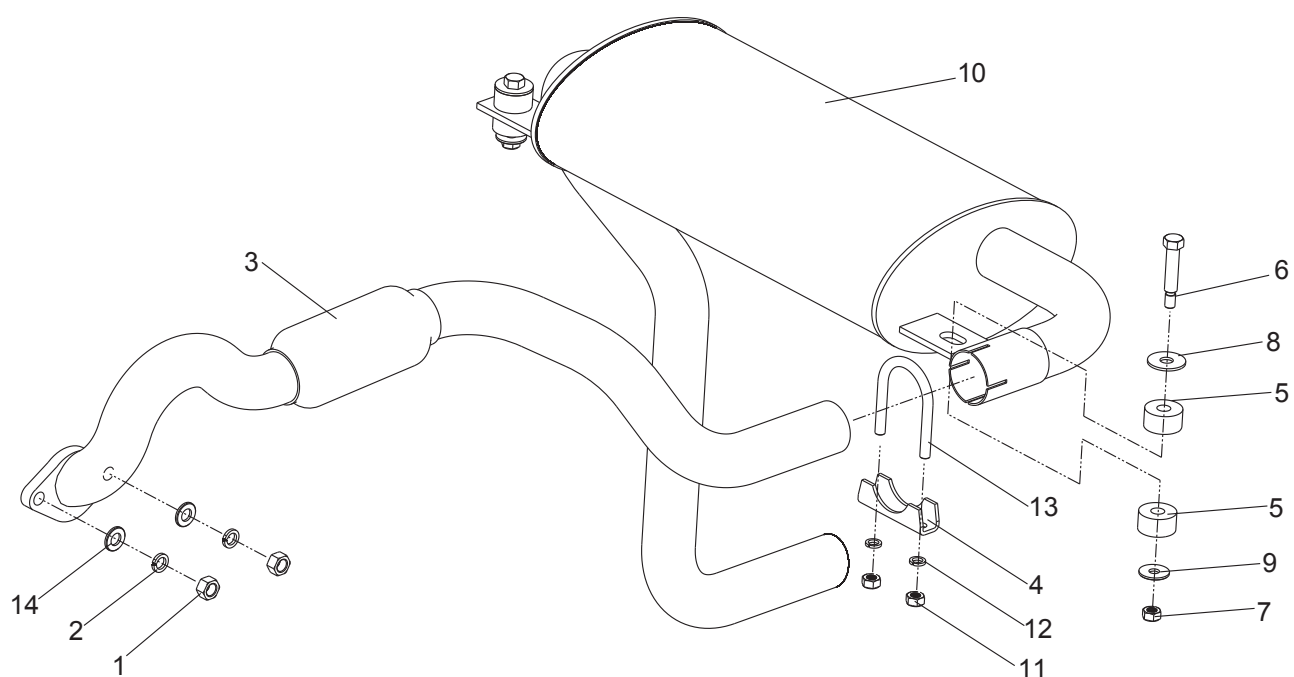


Fuel system FY10,15,18-S6

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	JB/T8870	25×16 Clip	2	
3	TG000-13028	13×280 Tube	1	
4	GB/T5787	M8×16 Bolt	10	
5	A30A4-50002	Plug,drain	1	
6	A30A4-50004	26 Washer	1	
7	A30A5-30400	Diesel Filter	1	
8	A30BJ5-30012	5 Tube	1	
9	A30BJ5-30001	Fuel filter	1	
10	A30BJ5-30006	3 Connector	1	
11	A30BJ5-30002	Solenoid valve	1	
12	A30BJ5-30007	Pipe clamp	2	
13	A30BJ5-30005	2 Connector	2	
14	A30BJ5-30011	4 Tube	1	
15	A30BJ5-30010	3 Tube	1	
16	A30BJ5-30004	1 Connector	1	
17	A30BJ5-30003	Fuel pump	1	
18	A30BJ5-30008	1 Tube	1	
19	A30BJ5-30009	2 Tube	1	
20	JB/T8870	16×10 Clip	2	
21	GB/T818	M5×12 Bolt	5	
22	GB/T93	5 Washer,lock	5	
23	A30A5-30002	Packing	1	
24	A30A5-30006	Packing	1	
25	A15C5-30200	Plate	1	
26	JB/T8870	70 ×50 Clip	2	
27	A30A5-30001	Hose	1	

Exhaust system

FD10,15,18-X11/W1\FY10,15,18-R1

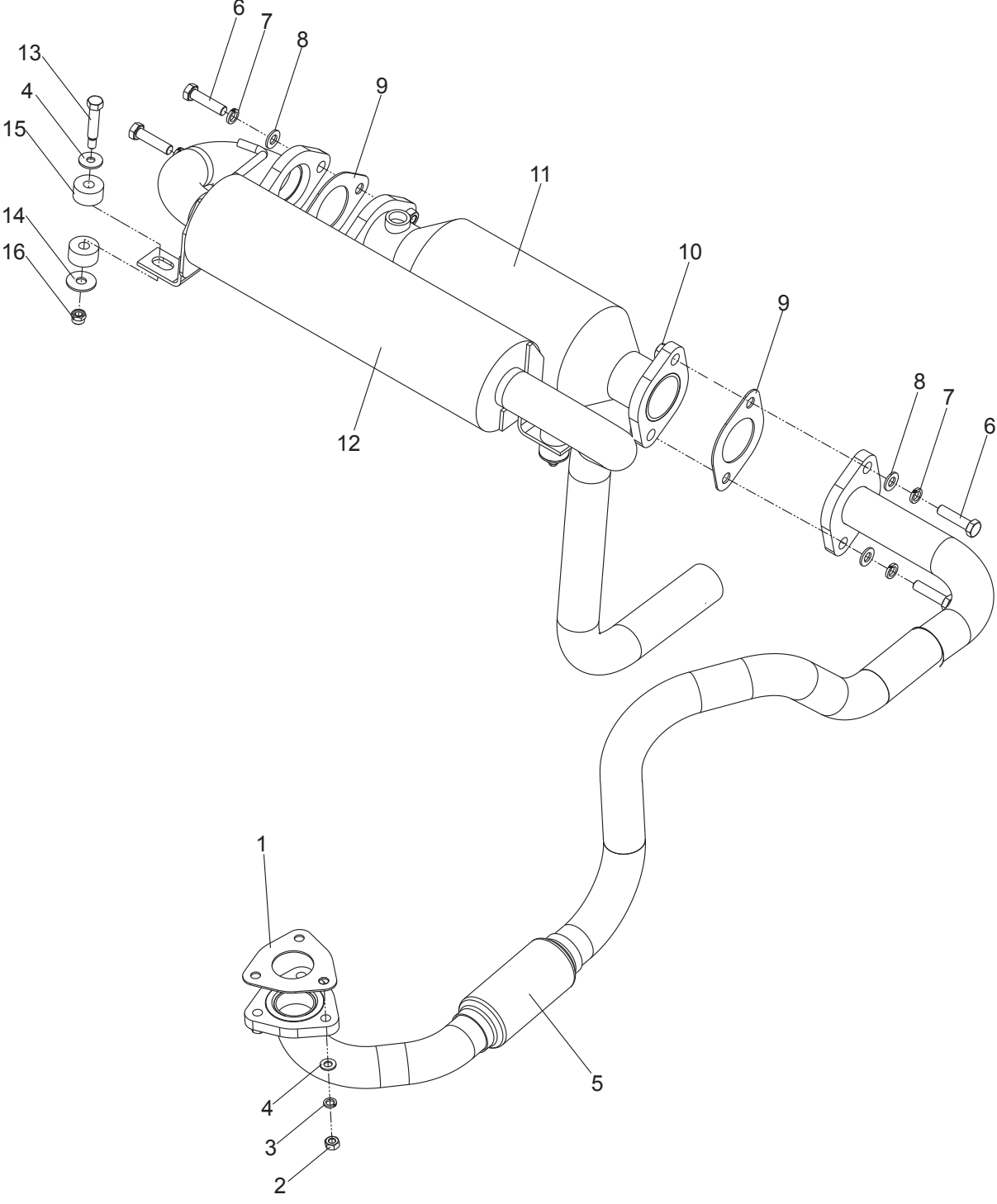


Exhaust system FD10,15,18-X11/W1\FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	GB/T6171	M10×1.25 Nut	2	FD10,15,18-X11 FD10,15,18-W1 FY10,15,18-R1
2	GB/T93	10 Washer	2	
3	A15C5-20100	Pipe	1	
—	A15E5-20100	Pipe	1	
—	A15F5-20100	Pipe	1	
4	A30A5-20202	U-Stopper	1	
5	A30A5-20001	Rubber	4	
6	A30A5-20002	Bolt	2	
7	GB/T889.1	M8 Nut	2	
8	A30A5-20003	Plate	2	
9	GB/T97.1	8 Washer	2	
10	A15C5-20200	Muffler	1	
—	A15F5-20200	Muffler	1	
11	GB/T6170	M8 Nut	2	
12	GB/T93	8 Washer,lock	2	
13	A30A5-20201	U-Bolt	1	FD10,15,18-W1 FY10,15,18-R1
14	GB/T97.1	10 Washer	2	

Exhaust system

FY10,15,18-S6

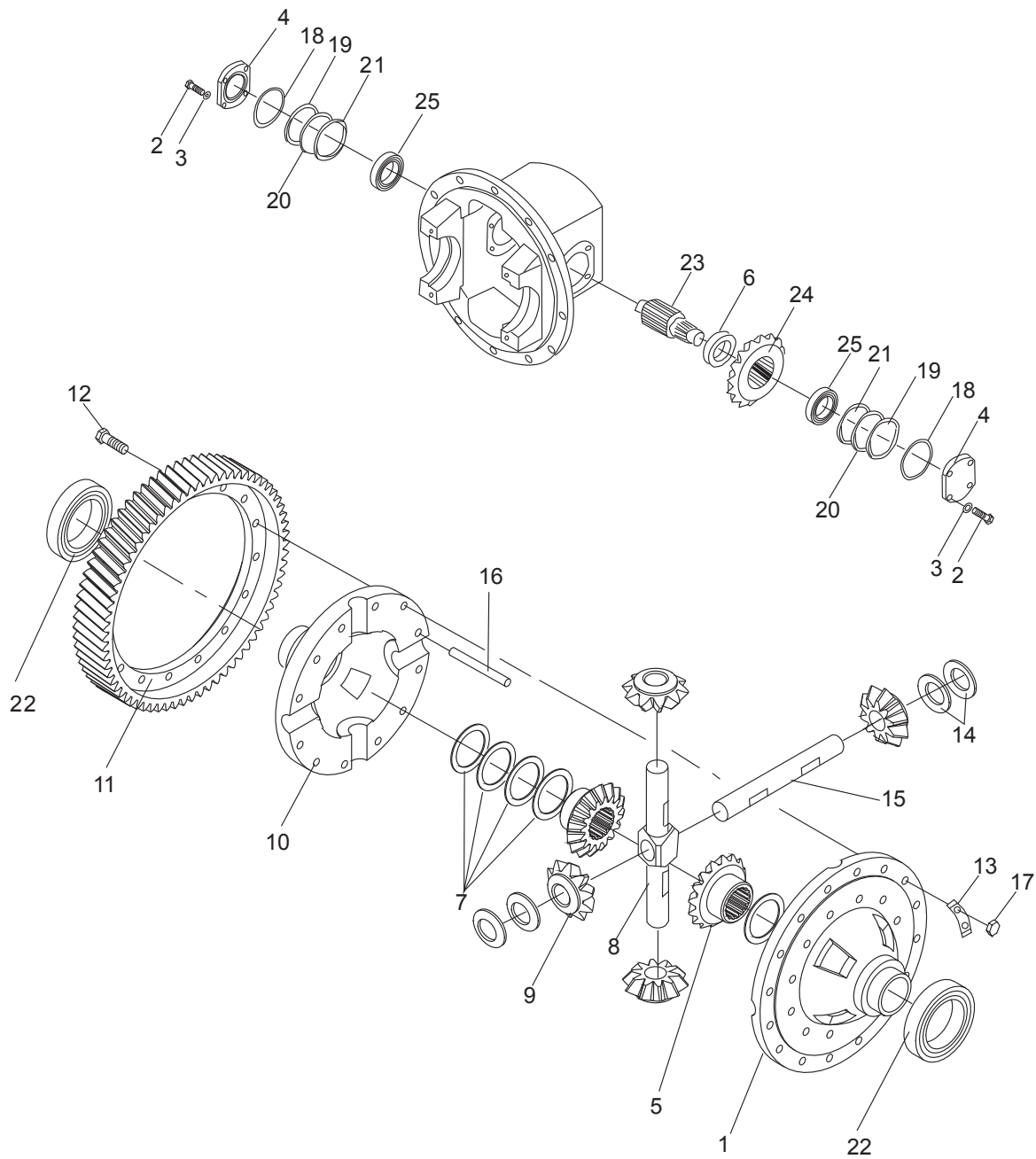


Exhaust system FY10,15,18-S6

Item	Part No	Description	Q'ty	Remark
1	A30BJ5-20001	I Plate	1	
2	GB/T6170	M8 Nut	2	
3	GB/T93	8 Washer	2	
4	GB/T97.1	8 Washer	4	
5	A15Q5-20200	Pipe	1	
6	GB/T5783	M10×40 Bolt	4	
7	GB/T93	10 Washer	4	
8	GB/T97.1	10 Washer	4	
9	A30BJ5-20002	II Plate	2	
10	GB/T6170	M10 Nut	4	
11	A30BJ5-20400	Three-way catalyst	1	
12	A15Q5-20100	Muffler	1	
13	A30A5-20002	Bolt	2	
14	A30A5-20003	Plate	2	
15	A30A5-20001	Rubber	4	
16	GB/T889.1	M8 Nut	2	

DRIVING SYSTEM

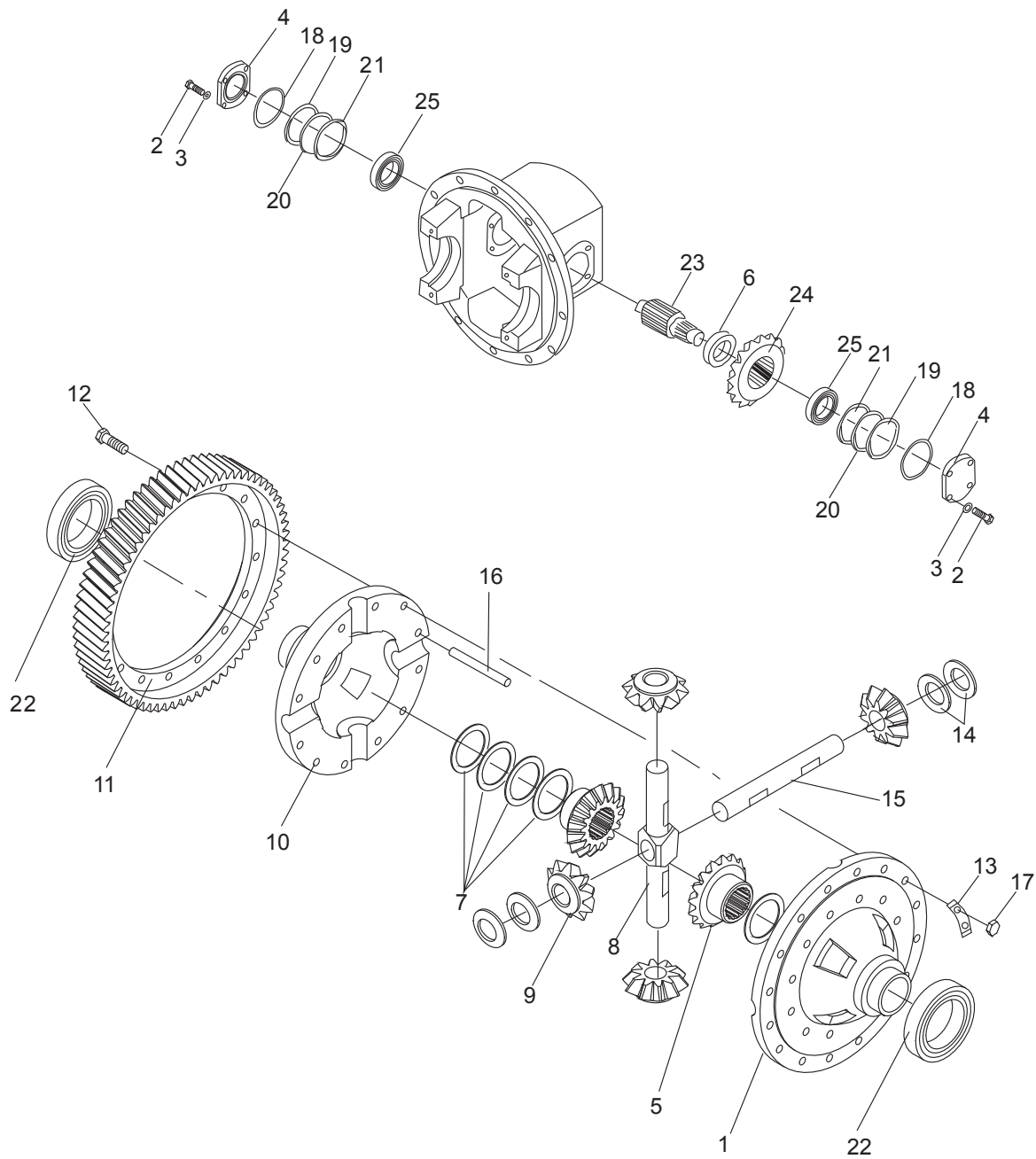
Differential



Differential

Item	Part No	Description	Q'ty	Remark
1	A15C5-02301	Case, cross L. H	1	
2	GB/T5786	M10×1.25×25 Bolt	8	
3	GB/T93	10 Washer,lock	8	
4	A30A5-02702	Cover, bearing	2	
5	A15C5-02302	Gear, side	2	
6	A30A5-02704	Spacer	1	
7	A15C5-02303	Washer	2	
—	A15C5-02304	Washer	2	
—	A15C5-02305	Washer	2	
—	A15C5-02306	Washer	2	
8	A15C5-02307	Shaft, pinion	1	
9	A15C5-02308	Gear, Pinion	4	
10	A15C5-02309	Case, cross R. H	1	
11	A15C5-02310	Gear, ring	1	
12	A15C5-02311	Bolt	12	
13	A15C5-02312	Washer, lock	6	
14	A15C5-02313	Washer, thrust	4	
—	A15C5-02314	Washer, thrust	4	
—	A15C5-02315	Washer, thrust	4	
15	A15C5-02316	Shaft, pinion	1	
16	GB/T119.1	d6×30 Pin parallel	1	

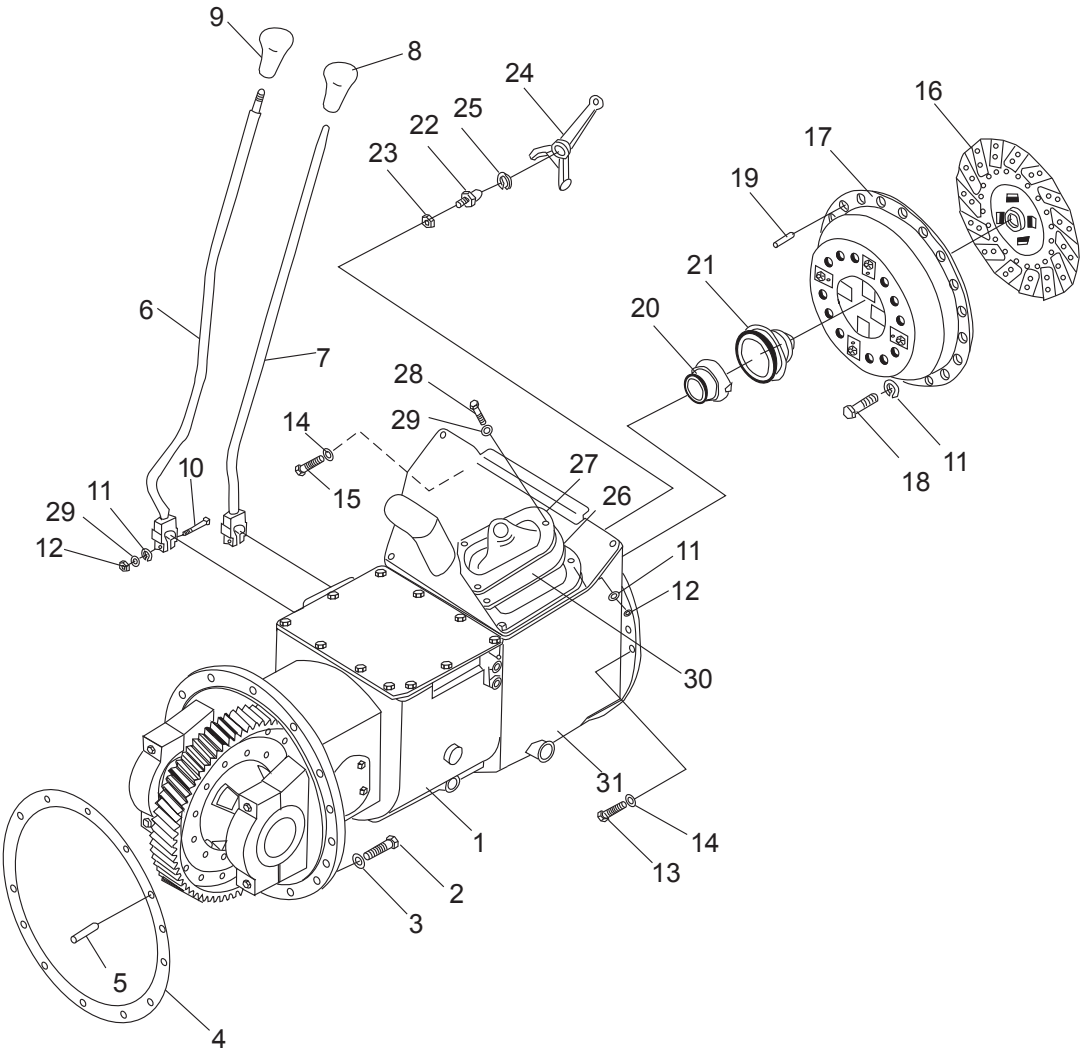
Differential



Differential

Item	Part No	Description	Q'ty	Remark
17	A15C5-02317	Nut	12	
18	GB/T1235	75 × 3.1 O-ring	2	
19	A30A5-02717	Shim	2	
20	A30A5-02718	Shim	4	
21	A30A5-02719	Shim	2	
22	GB/T272	211 Bearing	2	
23	A15C5-02318	Shaft, final pinion gear	1	
24	A15C5-02319	Gear, spiral vevel	1	
25	GB/T297	7507 Bearing	2	

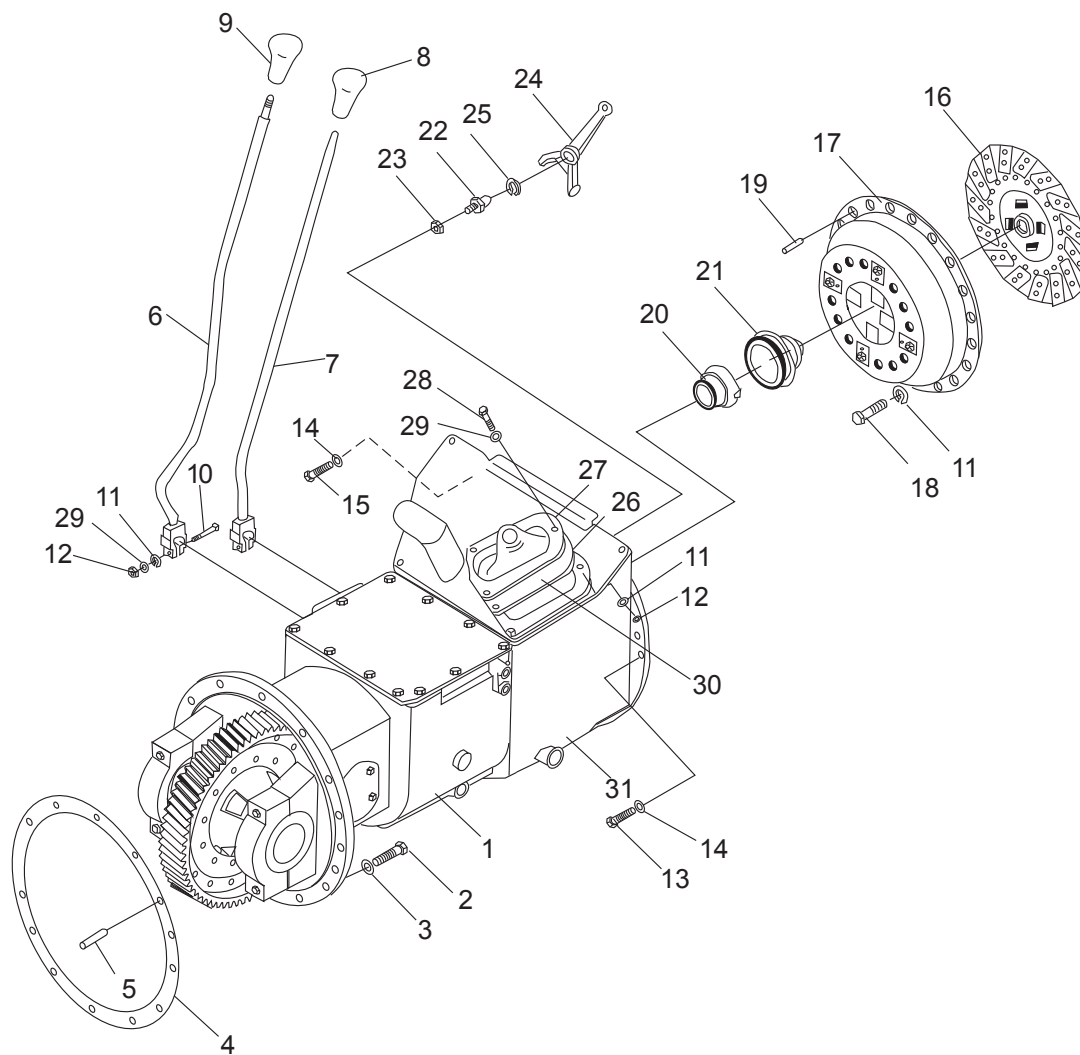
Drive unit mount (clutch type)



Drive unit mount(clutch type)

Item	Part No	Description	Q'ty	Remark
1	A15C5-02200	Drive unit	1	FD10,15,18-X11
–	A15E5-04000	Drive unit	1	FD10,15,18-W1
2	GB/T5786	M12×1.25×40 Bolt	12	
3	GB/T93	12 Washer, lock	12	
4	A30A5-02001	Packing	1	
5	GB/T119.1	B10×20 Pin, parallel	1	
6	A15C5-00100	Lever, speed change	1	
7	A15C5-00200	Lever, direction change	1	
8	A30A5-02600	Knob, direction	1	
9	A30A5-02500	Knob, speed	1	
10	GB/T5783	M8×40 Bolt	2	
11	GB/T93	8 Washer, lock	10	
12	GB/T6170	M8 Nut	4	
13	GB/T5783	M10×40 Bolt	7	
14	GB/T93	10 Washer, lock	9	
15	GB/T5783	M10×35 Bolt	2	
16	A15C5-04000	Clutch Ass'y disc	1	
17	A15C5-03000	Clutch cover	1	
18	GB/T5783	M8×20 Bolt	6	
19	GB/T119.1	B6×12 Pin, parallel	3	
20	A30A5-00001	Retainer, bearing	1	

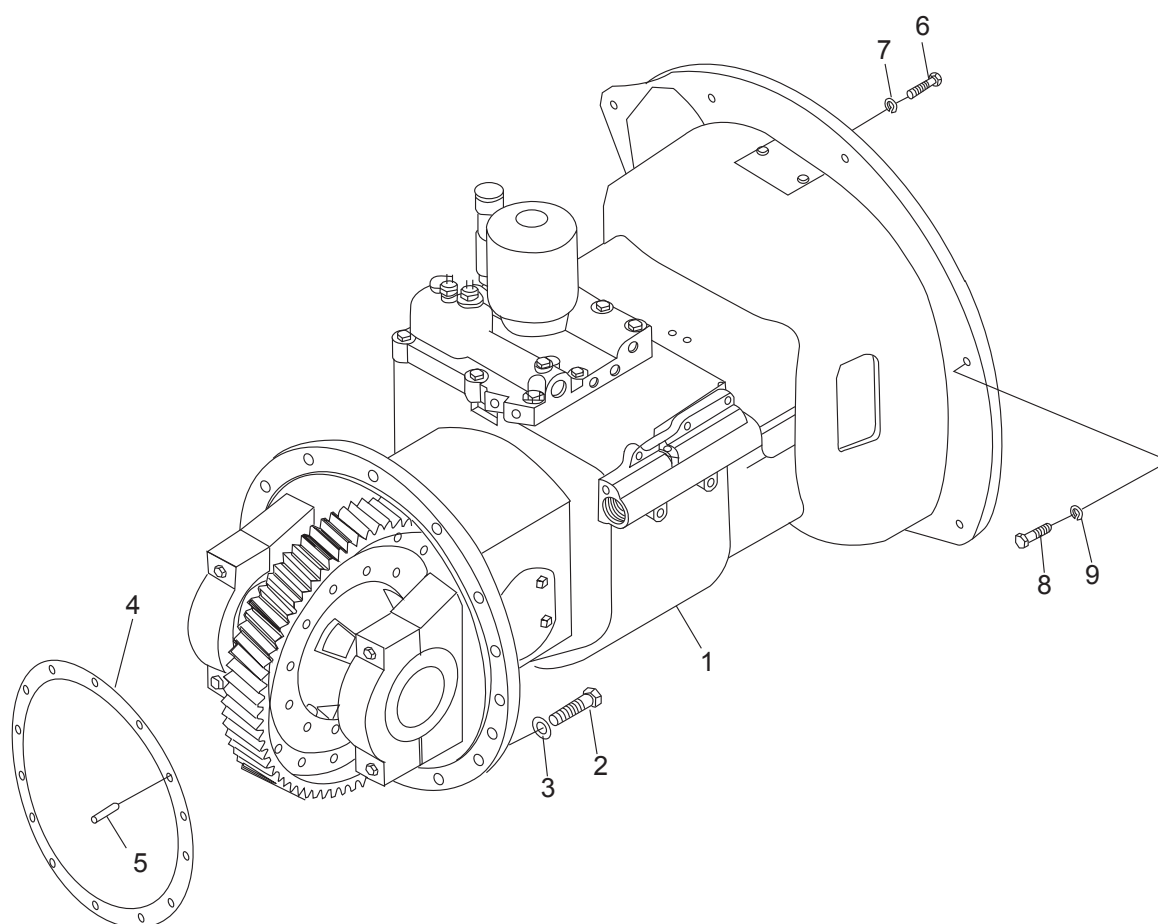
Drive unit mount (clutch type)



Drive unit mount (clutch type)

Item	Part No	Description	Q'ty	Remark
21	9688211	Bearing, thrust	1	
22	A30A5-00002	Pivot, clutch yoke	1	
23	GB/T6171	M12×1.25 Nut	1	
24	A30A5-00003	Yoke, clutch	1	
25	A30A5-00004	Snap ring	1	
26	A30A5-02007	Cover dust	1	
27	A30A5-02008	Retainer, cover	1	
28	GB/T5783	M8×16 Bolt	2	
29	GB/T97.1	8 Washer	4	
30	A30A5-02009	Packing	1	
31	A15C5-02002	Clutch housing	1	

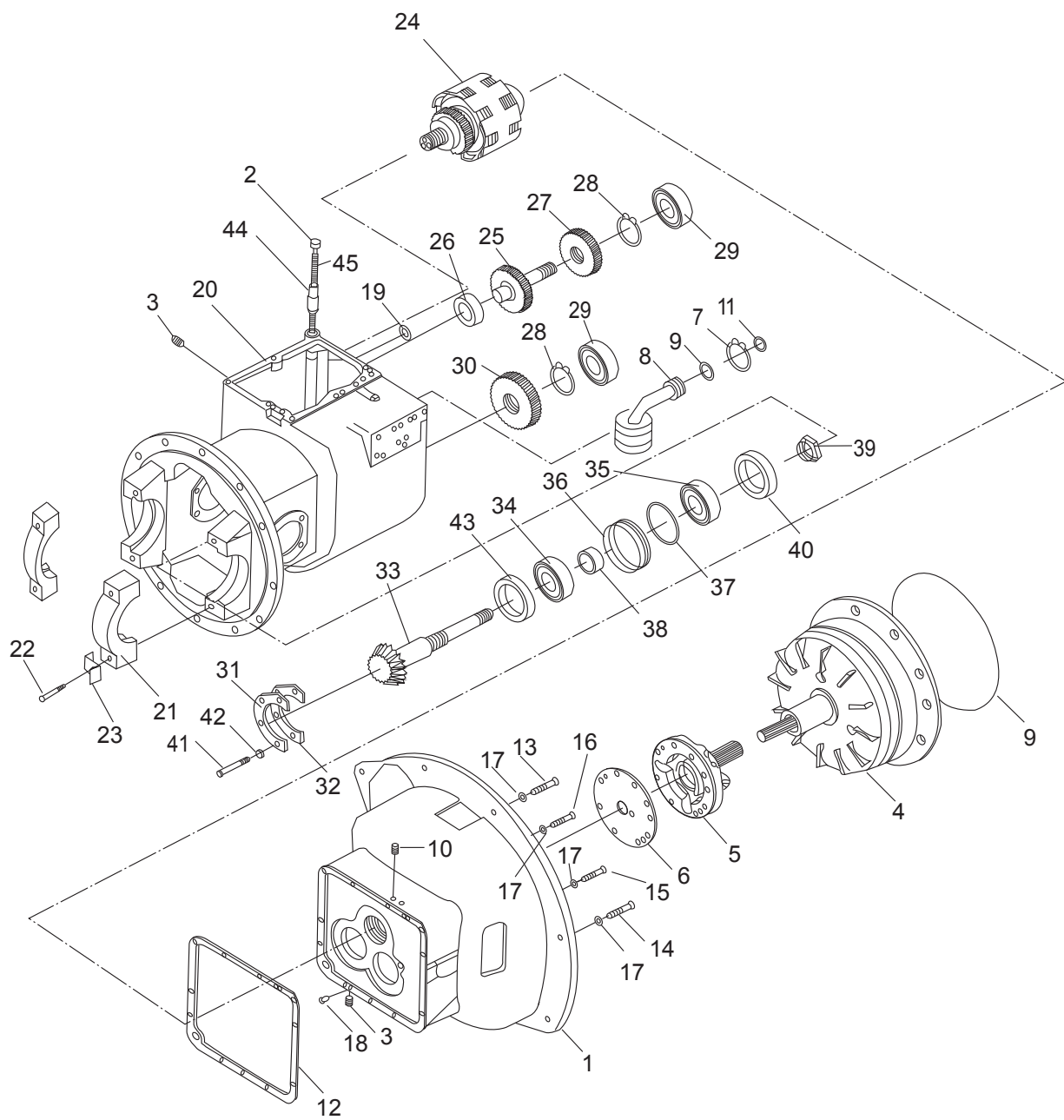
Drive unit mount (tor-con type)



Drive unit mount (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A15D5-02000	Drive unit	1	FD10,15,18-X11
—	A15D5-03000	Drive unit	1	FD10,15,18-X11
—	A15E5-02000	Drive unit	1	FD10,15,18-W1 FY10,15,18-R1/S6
—	A15E5-03000	Drive unit	1	FD10,15,18-W1 FY10,15,18-R1/S6
2	GB/T5785	M12×1.25×40 Bolt	12	
3	GB/T93	12 Washer, lock	12	
4	A30A5-02001	Packing	1	
5	GB/T119.1	B10×20 Pin, parallel	1	
6	GB/T5783	M8×20 Bolt	6	
7	GB/T93	8 Washer, lock	6	
8	GB/T5783	M10×35 Bolt	9	
9	GB/T93	10 Washer, lock	9	

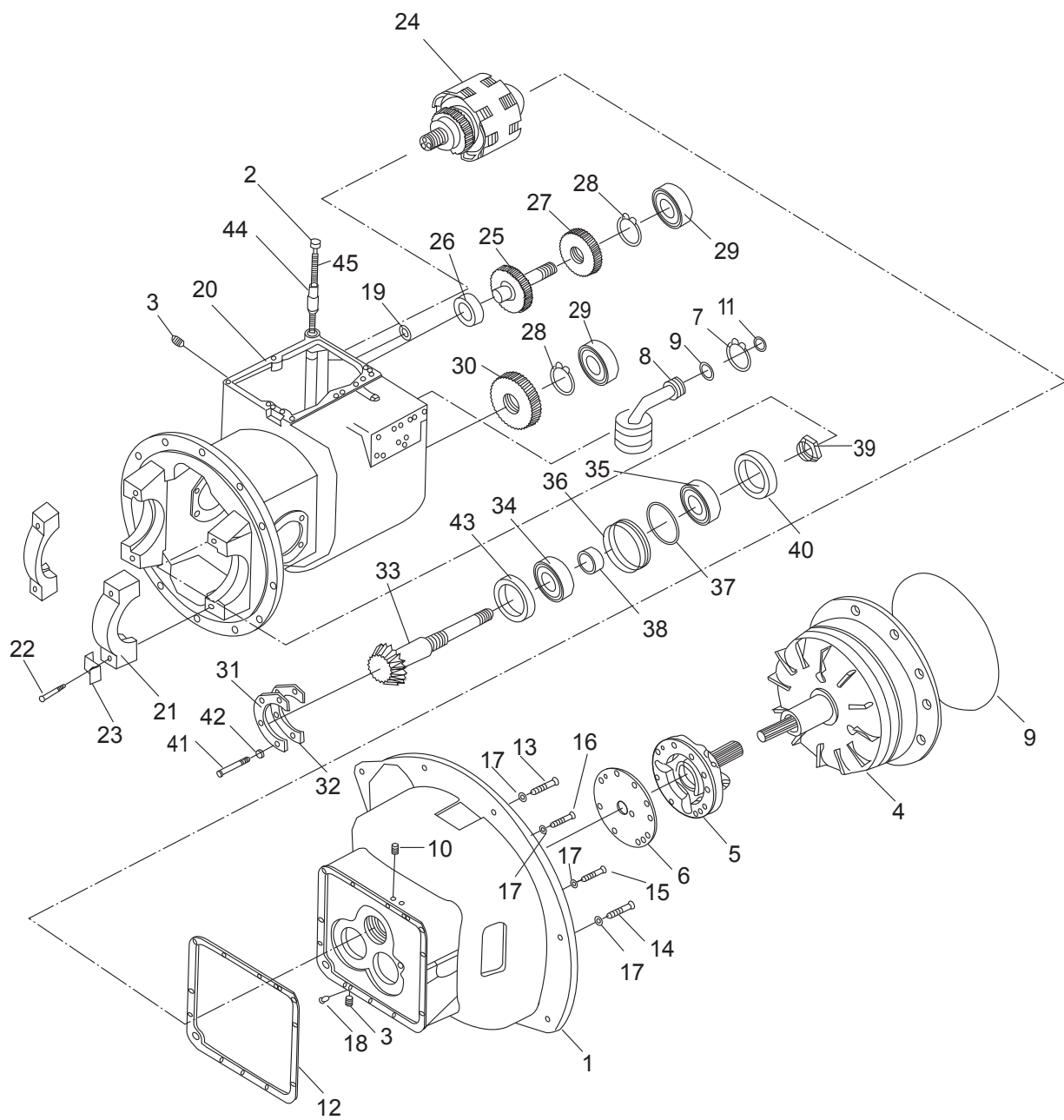
Drive unit (tor-con type)



Drive unit (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30B5-02001	Case, tor-con	1	FD10,15,18-X11
–	A30D5-00101	Case, tor-con	1	FD10,15,18-W1 FY10,15,18-R1/S6
2	A30B5-02002	Cap	1	
3	Q/Z285-4	1/2 " Plug	4	
4	A30B5-02100	Tor-xon ass'y	1	FD10,15,18-X11
–	A30D5-00110	Tor-xon ass'y	1	FD10,15,18-W1 FY10,15,18-R1/S6
5	A30B5-02200	Charging pump ass'y	1	
6	A30B5-02003	Gasket	1	
7	GB/T894.1	35 Snap ring	1	
8	A30B5-02004	Strainer	1	
9	GB/T1235	35×3.1 O-ring	1	
10	Q/Z285-2	Plug	2	
11	GB/T1235	28×3.5 O-ring	1	
12	A30B5-02005	Gasket	1	
13	GB/T5785	M10×1.25×75 Bolt	1	
14	GB/T5785	M10×1.25×55 Bolt	3	
15	GB/T5785	M10×1.25×50 Bolt	1	
16	GB/T5785	M10×1.25×30 Bolt	4	
17	GB/T93	10 Washer, lock	9	
18	GB/T119.1	B12×20 Pin	2	
19	GB/T235	15×2.4 O-ring	1	
20	A15D5-02001	Case, mission	1	
21	A15D5-02002	Cap, bearing	2	
22	A30B5-02008	Bolt	4	
23	A15D5-02003	Plate, lock	4	
24	A30B5-02300	Clutch, hydraulic	1	
25	A30B5-02010	Shaft, idler	1	

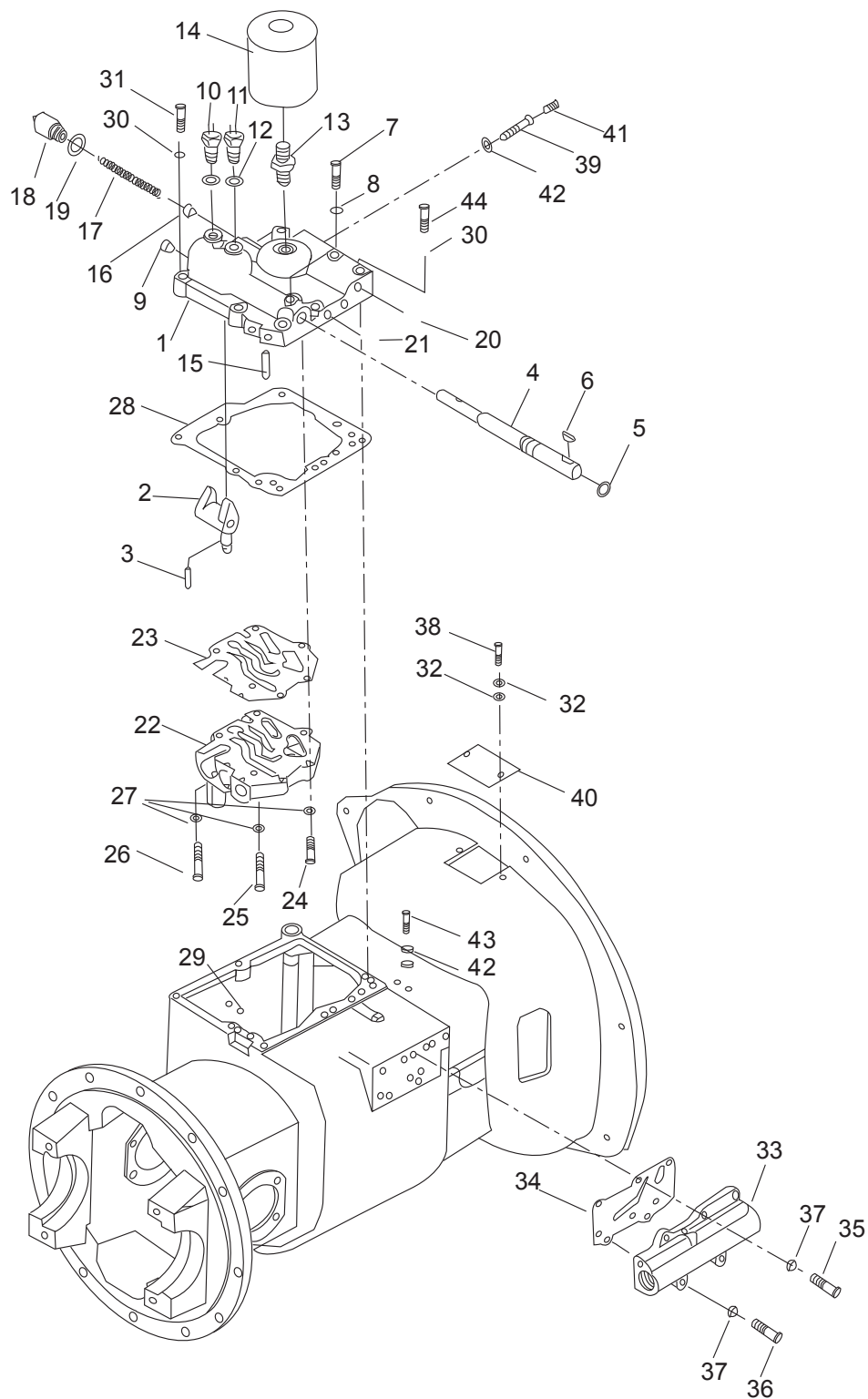
Drive unit (tor-con type)



Drive unit (tor-con type)

Item	Part No	Description	Q'ty	Remark
26	GB/T276-94	6206 Bearing	1	
27	A30B5-02011	Gear, idler	1	
28	GB893.1-86	24 Snap ring	2	
29	GB/T276-94	6207 Bearing	2	
30	A30B5-02012	Gear, output	1	
31	A30B5-02013	Plate, bearing support	1	
32	A30B5-02014	Shim		
–	A30B5-02015	Shim		
–	A30B5-02016	Shim		
33	A30B5-02017	Shaft, output	1	
34	GB/T297-94	32208 Bearing	2	
35	GB/T297-94	30208 Bearing	1	
36	A30B5-02018	Retainer, oil seal	1	
37	GB/T1235-76	80×3.1 O-ring	1	
38	A30B5-02019	Seal, oil	1	
39	A30B5-02020	Nut	1	
40	A30B5-02021	Shim	1	
–	A30B5-02022	Shim	1	
–	A30B5-02023	Shim	1	
41	GB/T5782-2000	M8×20 Bolt	4	
42	GB/T93-1987	8 Washer,lock	15	
43	A30B5-02024	Collar	1	
44	A30B5-02025	Pipe, oil fill	1	
45	A30B5-02026	Gasket	1	

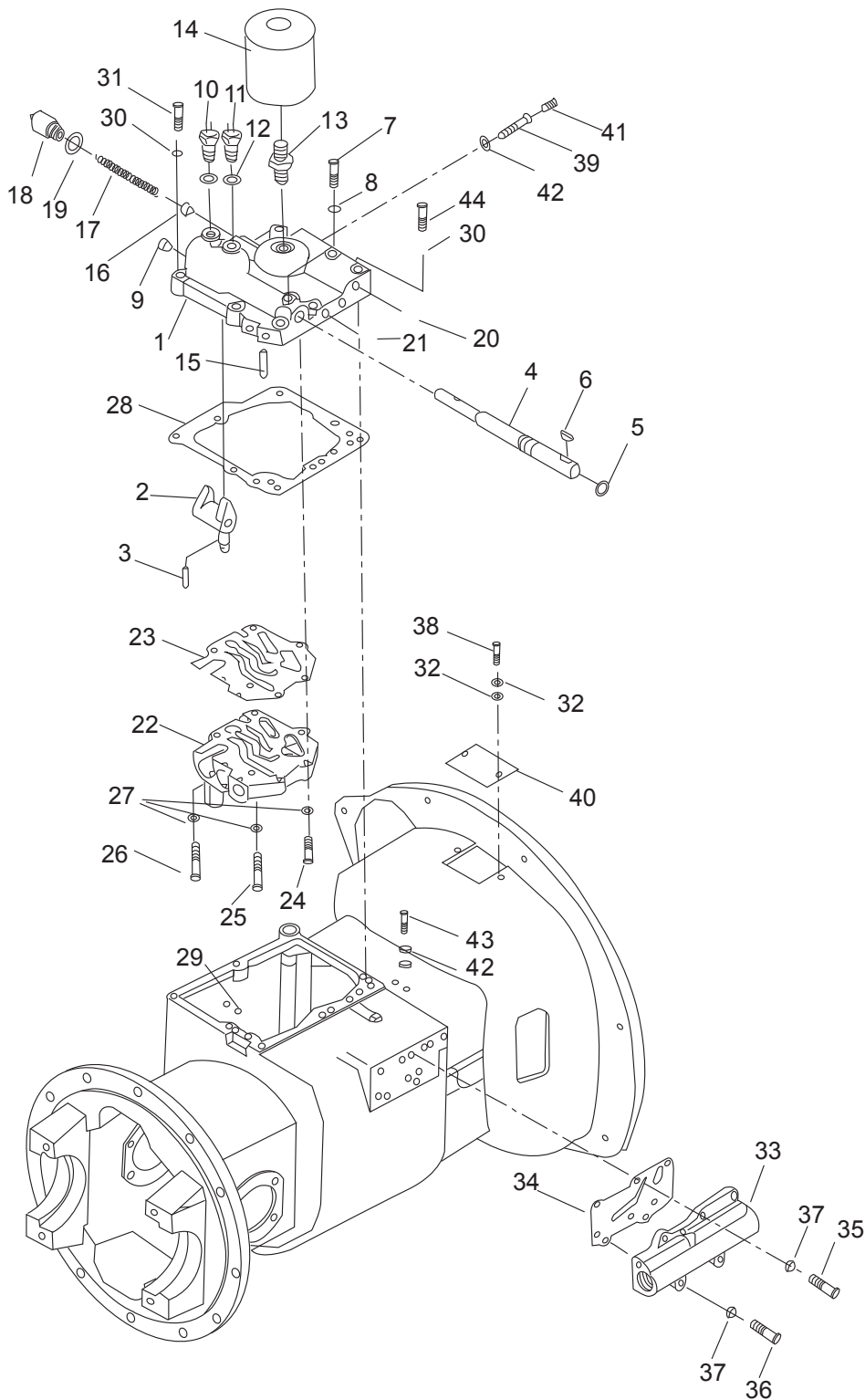
Drive unit (cover & inching valve)



Drive unit (cover & inching valve)

Item	Part No	Description	Q'ty	Remark
1	A30B5-02027	Cover, case	1	
2	A30B5-02028	Arm, shift	1	
3	GB/T879	6×32 Pin, lock	1	
4	A30B5-02029	Shaft, shift arm	1	
5	GB/T1235	20×2.4 O-ring	1	
6	GB/T1099	5×19key, woodruff	1	
7	A30B5-02030	Bolt	1	
8	A30B5-02031	Shim	7	
9	A30B5-02032	Plug	1	
10	DZ05G-J208	Switch	1	
11	DZ05G-J209	Switch	1	
12	A30B5-02034	Washer	2	
13	A30B5-02035	Nipple	1	
14	A30B5-02036	Filter, oil	1	
15	GB/T879	4×25 Pin, lock	1	
16	A30B5-02037	Piston	1	
17	A30B5-02038	Spring	1	
18	A30B5-02039	Cup	1	
19	A30B5-02040	Packing, copper	1	
20	Q/ZB285-1	1/8 " Plug	6	
21	Q/ZB285-2	1/4 " Plug	4	
22	A30B5-02400	Control valve ass'y	1	
—	A30B5-02041	Electric-controller hydraulic valve	1	

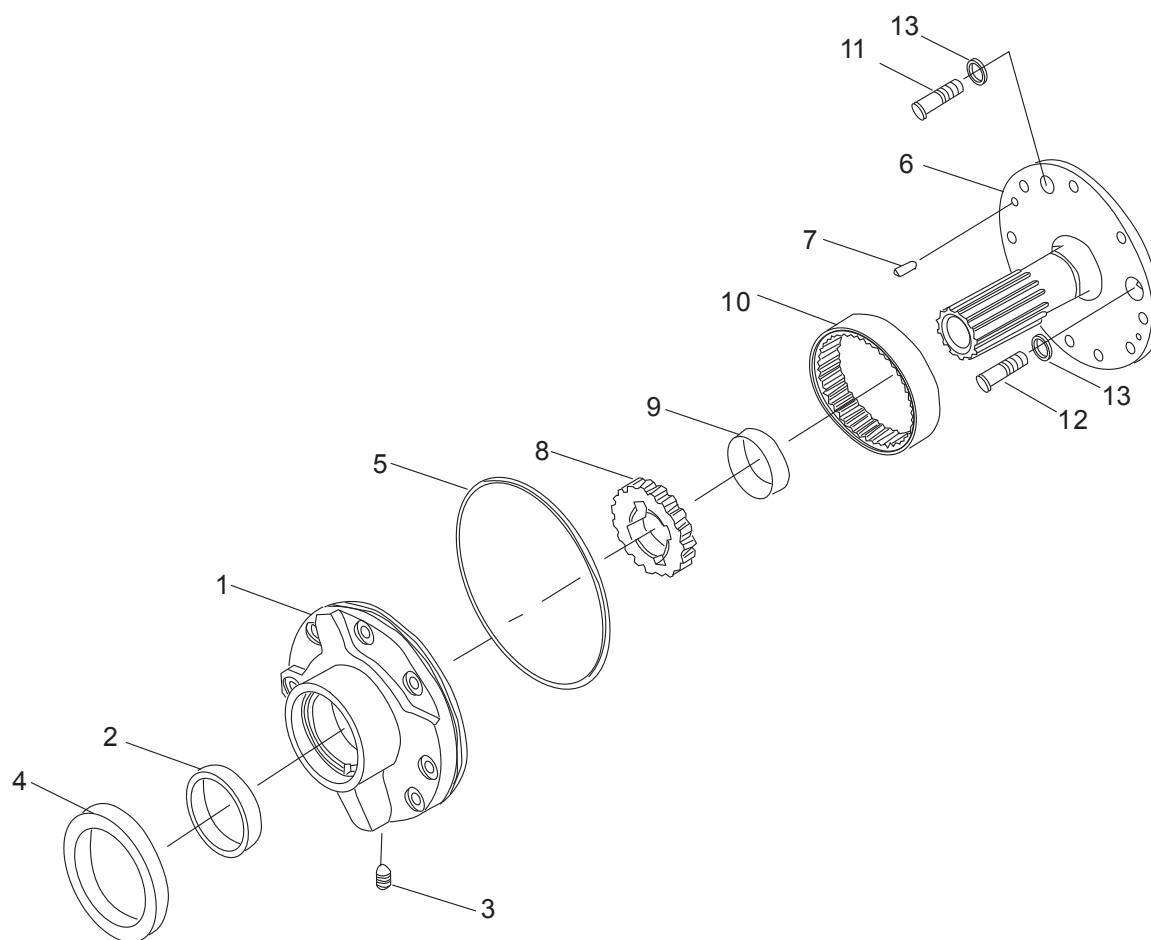
Drive unit (cover & inching valve)



Drive unit (cover & inching valve)

Item	Part No	Description	Q'ty	Remark
23	A30B5-02042	Gasket	1	
24	GB/T5783	M8×35 Bolt	2	
25	GB/T5783	M8×55 Bolt	2	
26	GB/T5783	M8×50 Bolt	2	
27	GB/T93	8 Washer,lock	6	
28	A30B5-02043	Gasket	1	
29	GB/T1235	9×1.91 O-ring	2	
30	GB/T93	10 Washer,lock	8	
31	GB/T5782	M10×1.25×55 Bolt	2	
32	GB/T93	8 Washer,lock	3	
33	A30B5-02500	Inching valve ass'y	1	
34	A30B5-02044	Shim	1	
35	GB/T5783	M8×25 Bolt	4	
36	GB/T5783	M8×50 Bolt	2	
37	GB/93	8 Washer,lock	5	
38	GB/T5783	M8×12 Bolt	2	
39	A30B5-02045	Bolt, joint	1	
40	A15D5-02004	Cover, tor-con	1	
41	A30B5-02047	1/8 " Plug	1	
42	A30B5-02048	Packing, copper	4	
43	A30B5-02049	Bolt, joint	1	
44	GB/T5785	M10×1.25×40 Bolt	6	

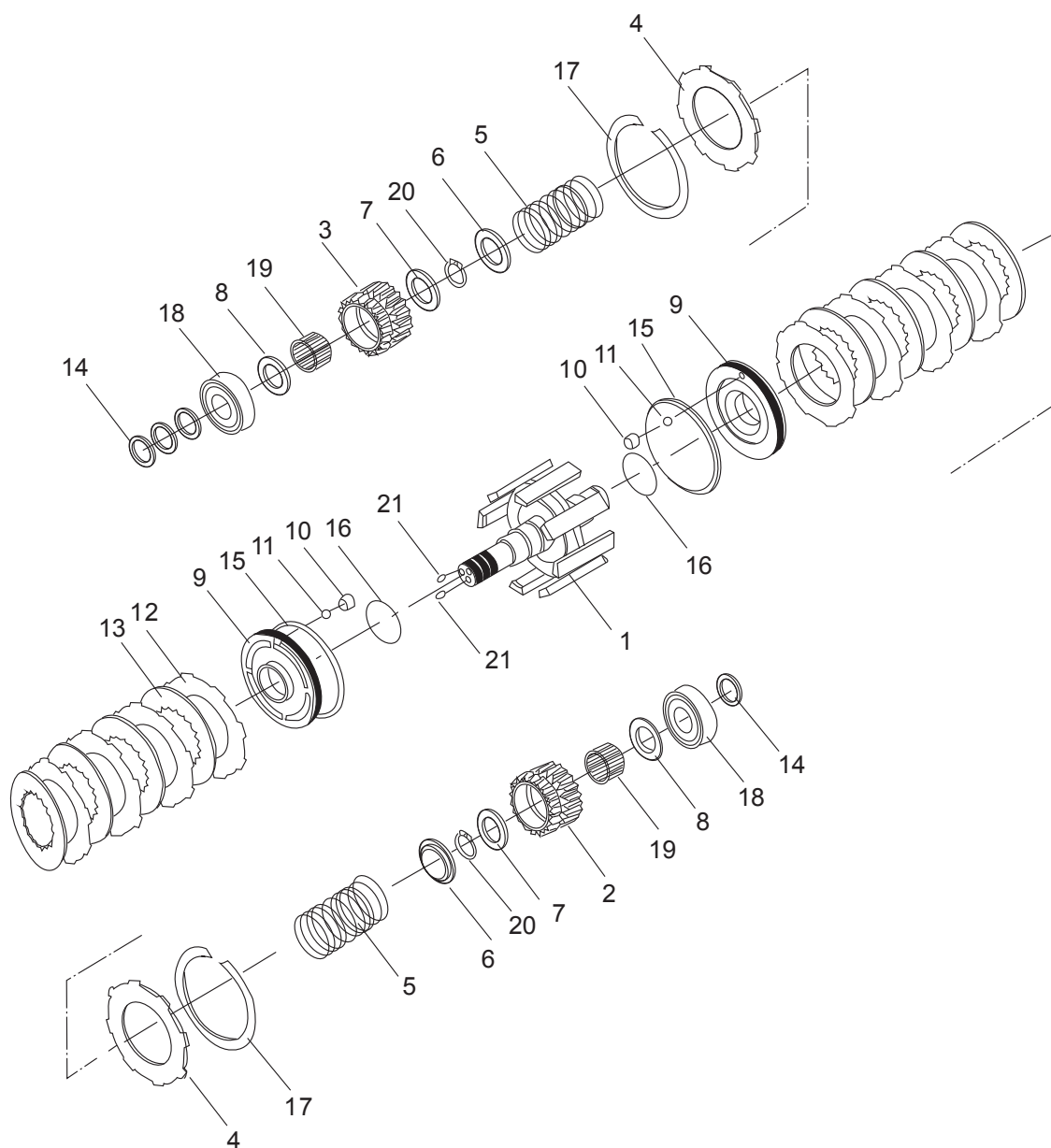
Charging pump (tor-con type)



Charging pump (tor-con type)

Item	Part No	Description	Q'ty	Remark
A	A30B5-02200	Charging Pump ass'y	1	
1	A30B5-02201	Case, Pump	1	
2	A30B5-02202	Bushing	1	
3	A30B5-02203	ZG1/8 " Plug	1	
4	A30B5-02204	Seal, oil	1	
5	A30B5-02205	O-ring	1	
6	A30B5-02206	Support, starter	1	
7	GB/T119.1	6×16 Pin	2	
8	A30B5-02207	Gear, drive	1	
9	A30B5-02208	Bushing	1	
10	A30B5-02209	Gear, driven	1	
11	GB/T5783	M8×45 Bolt	4	
12	GB/T5783	M8×25 Bolt	1	
—	GB/T5783	M8×35 Bolt	3	
13	A30B5-02210	Washer	2	

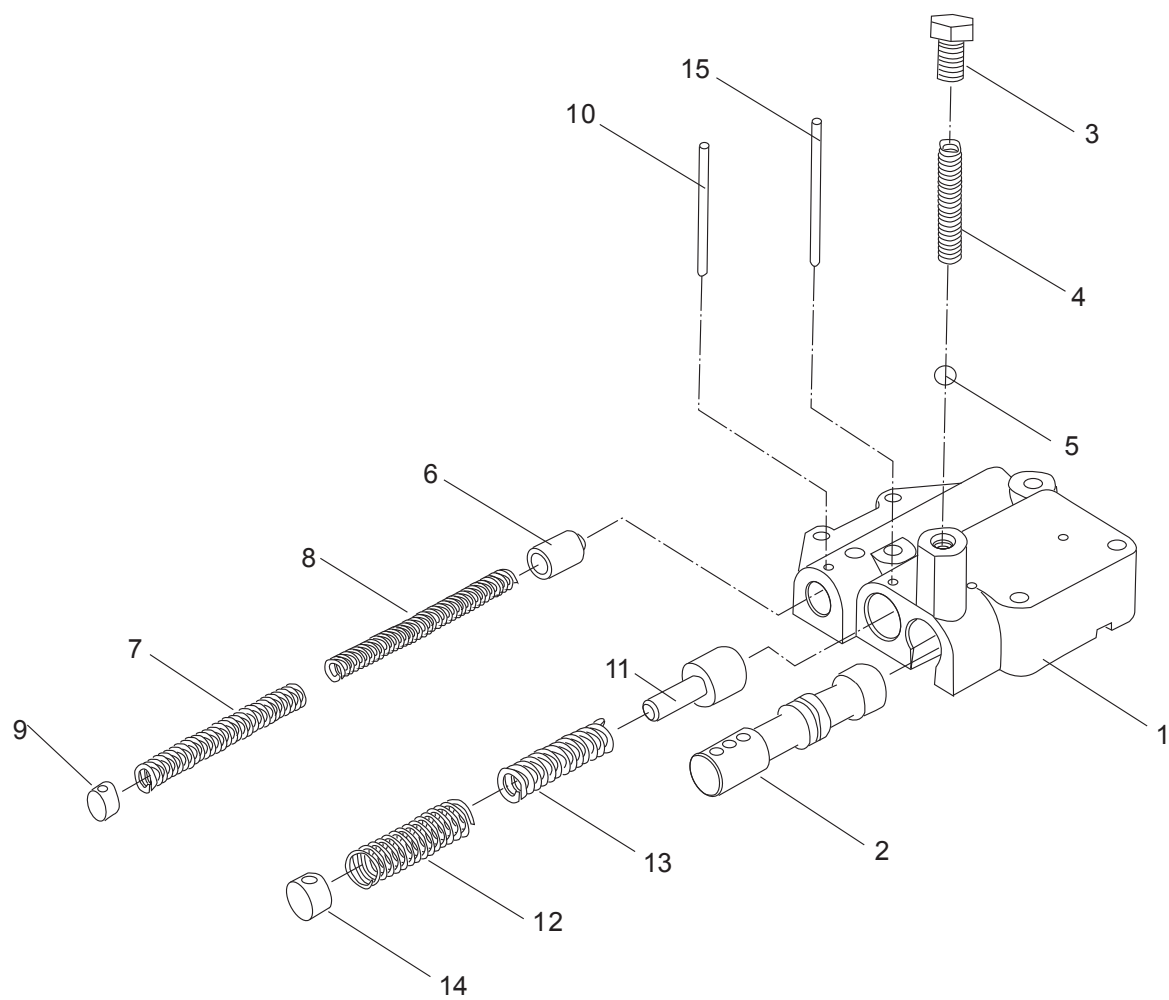
Hydraulic clutch (tor-con type)



Hydraulic clutch (tor-con type)

Item	Part No	Description	Q'ty	Remark
A	A30B5-02300	Clutch, hydraulic	1	
1	A30B5-02301	Shift, input	1	
2	A30B5-02302	Gear, reverse	1	
3	A30B5-02303	Gear, forward	1	
4	A30B5-02304	Plate, end	2	
5	A30B5-02305	spring, return	2	
6	A30B5-02306	Seat, spring	2	
7	A30B5-02307	A Ring, thrust	2	
8	A30B5-02308	B Ring, thrust	2	
9	A30B5-02309	Piston	1	
10	A30B5-02310	Plug	1	
11	GB/T307	1/8 " Ball, steel	1	
12	A30B5-02311	Plate, friction	8	
13	A30B5-02312	Plate, separator	8	
14	A30B5-02313	A Ring , seal	4	
15	A30B5-02314	B Ring , seal	2	
16	GB/T1235	33.7×3.5 O-ring	2	
17	A30B5-02315	Snap, ring	2	
18	GB/T276	206 Bearing	2	
19	A30B5-02316	Bearing, needle	2	
20	GB/T894.1	40 Snap, ring	2	
21	GB/T78	M8×8 Bolt	2	

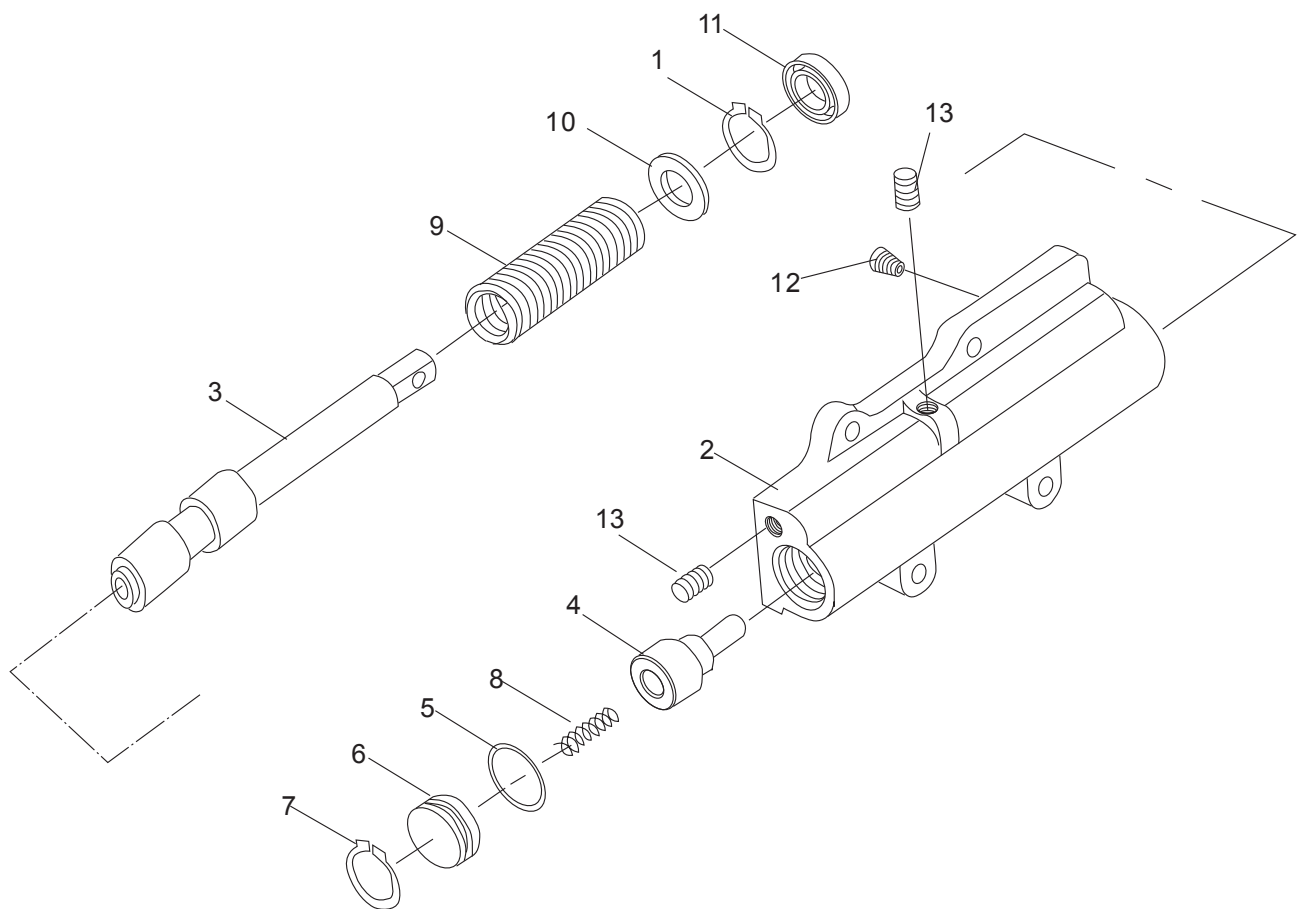
Control valve (tor-con type)



Control valve (tor-con type)

Item	Part No	Description	Q'ty	Remark
A	A30B5-02400	Control valve ass'y	1	
1	A30B5-02401	Body, valve	1	
2	A30B5-02402	Slide valve	1	
3	A30B5-02403	Plate,end	1	
4	A30B5-02404	Spring	1	
5	GB/T308	13/32 " Ball	1	
6	A30B5-02405	Piston	1	
7	A30B5-02406	Spring	1	
8	A30B5-02407	Spring	1	
9	A30B5-02408	Plug	1	
10	GB/T879	4×35 Pin, lock	1	
11	A30B5-02409	Spool	1	
12	A30B5-02410	Spring	1	
13	A30B5-02411	Spring	1	
14	A30B5-02412	Plug	1	
15	GB/T879	4×40 Pin, lock	1	

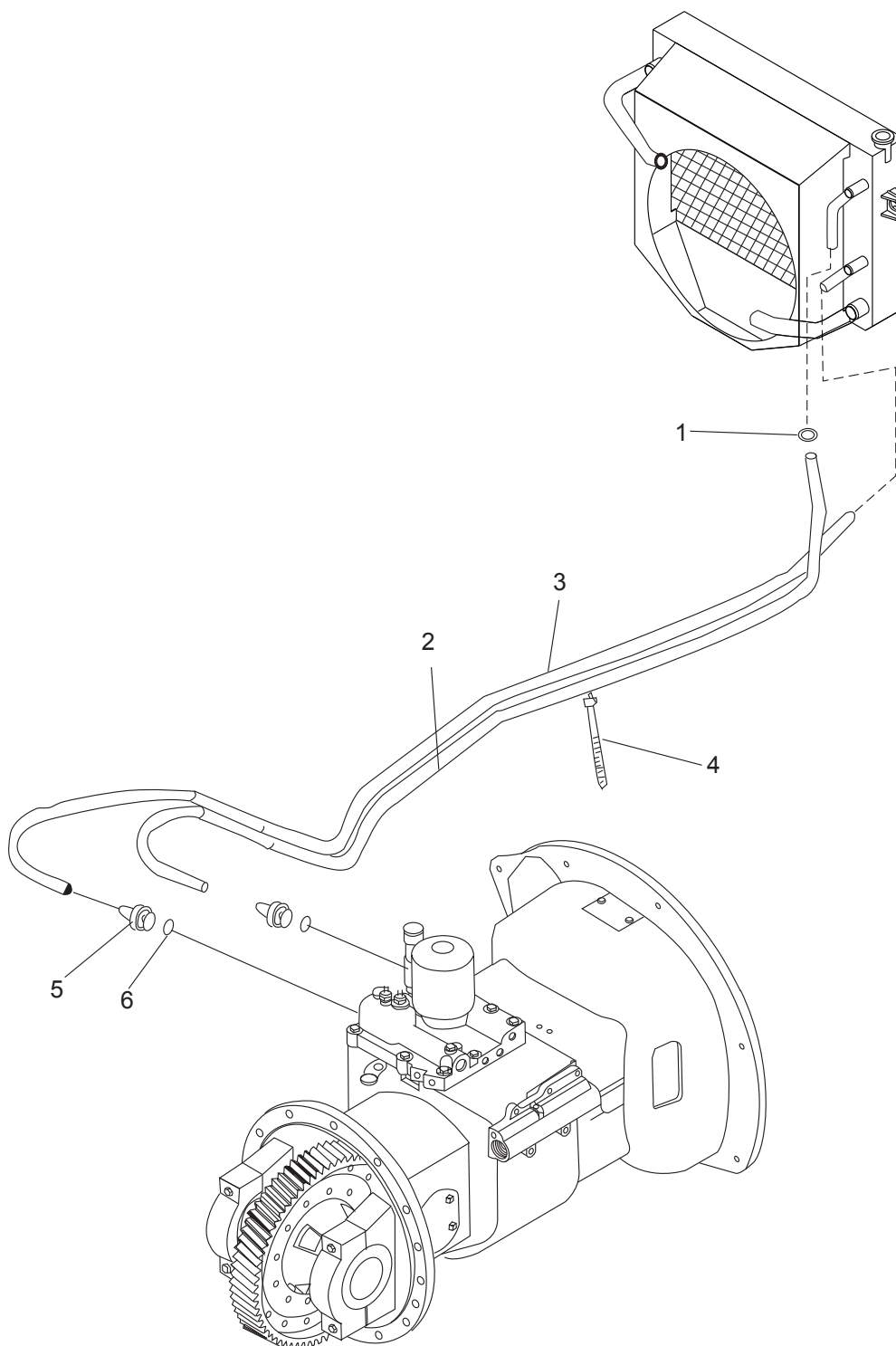
Inching valve (tor-con type)



Inching valve (tor-con type)

Item	Part No	Description	Q'ty	Remark
A	A30B5-02500	Inching valve ass'y	1	
1	GB/T893. 1	Snap ring	1	
2	A30B5-02501	Body, valve	1	
3	A30B5-02502	Spool	1	
4	A30B5-02503	Slide valve	1	
5	GB/T3452. 1	23.6×2. 65 O-ring	1	
6	A30B5-02504	Seal, oil	1	
7	GB/T893. 1	28 Snap ring	1	
8	A30B5-02505	1.2×D9.2×30 Spring	1	
9	A30B5-02506	3×D22.9×87.4 Spring	1	
10	A30B5-02507	Spacer	1	
11	A30B5-02509	30×16×7 Seal,oil	1	
12	A30B5-02508	Plug,choke	1	
13	Q/ZB285-77	Z1/8 " Plug	2	

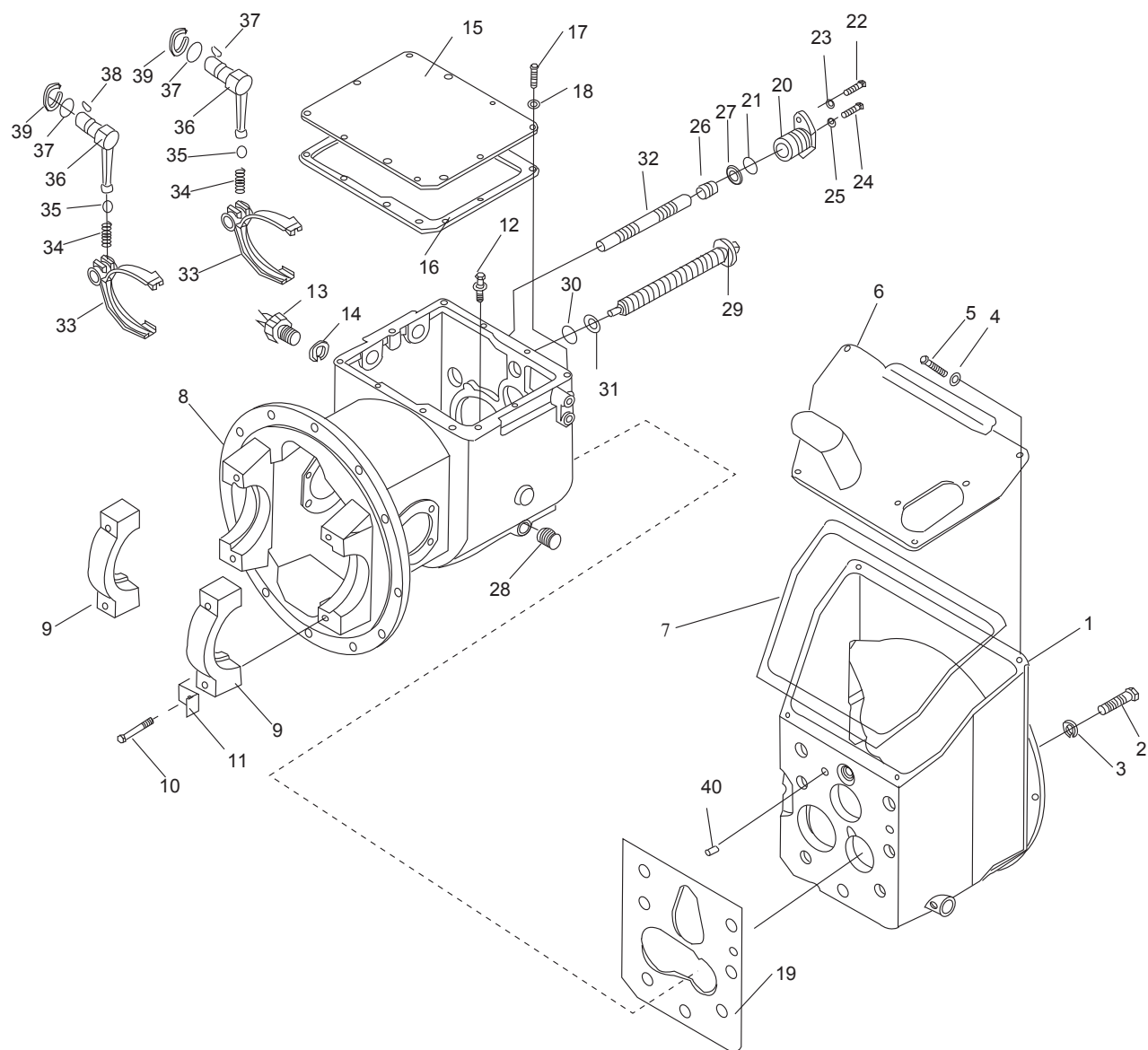
Hydraulic system



Hydraulic system

Item	Part No	Description	Q'ty	Remark
1	JB/T8870	16×10 Clip	4	
2	TG000-10190	10×1900 Hose	1	FD10,15,18-X11/W1 FY10,15,18-R1
–	TG000-10240	10×2400 Hose	1	FY10,15,18-S6
3	TG000-10220	10×2200 Hose	1	FD10,15,18-X11/W1 FY10,15,18-R1
–	TG000-10211	10×2110 Hose	1	FY10,15,18-S6
4	TQ000-08025	8×250 Band	2	
5	GJT-16-00	union	2	
6	GB/T982	14×2.7 Packing	2	

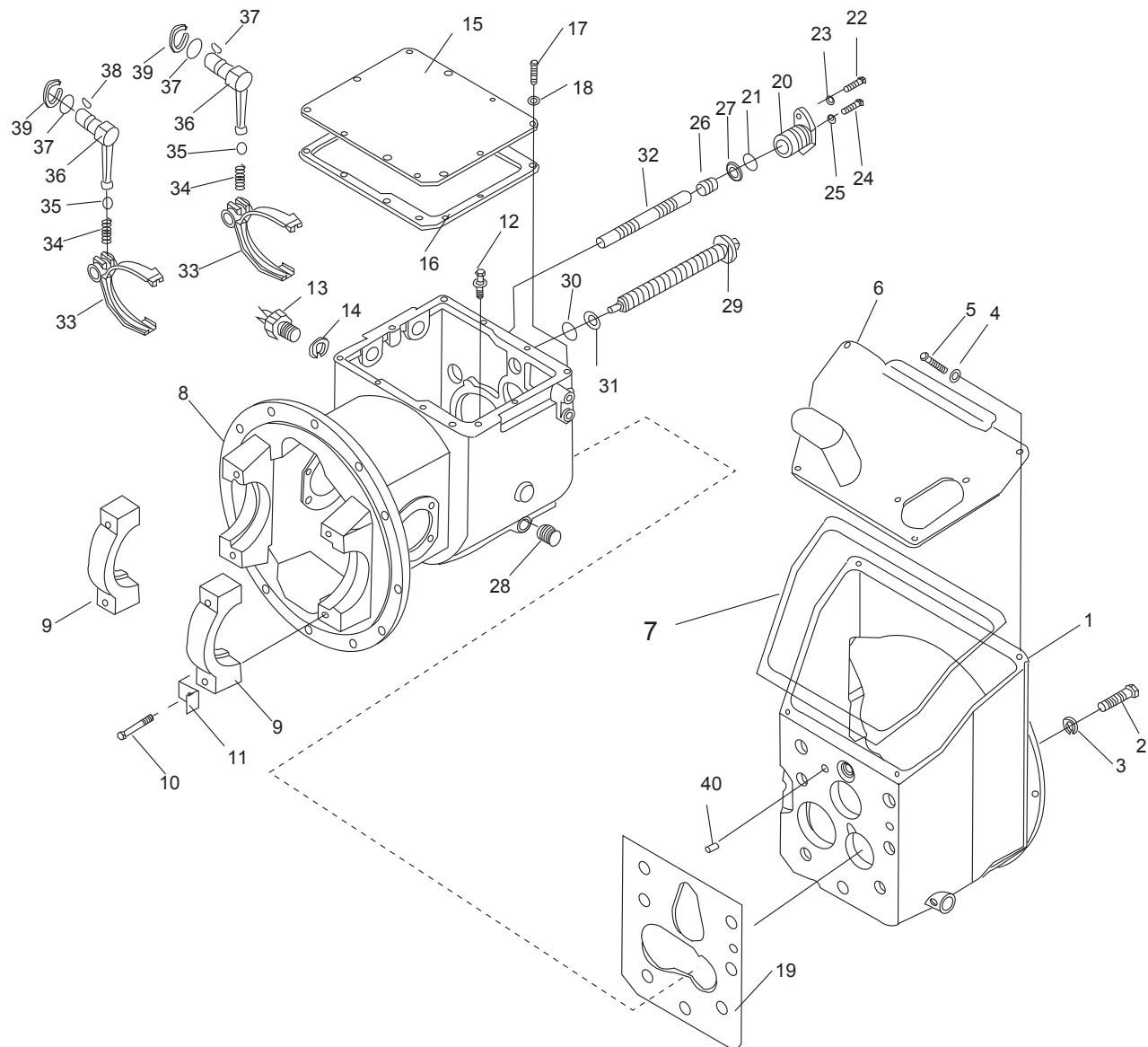
(1/2)
Transmission (clutch type)



(1/2)
Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
1	A15C5-02002	Clutch housing	1	
2	GB/T5783	M10×35 Bolt	7	
3	GB/T93	10 Washer, lock	7	
4	GB/T93	6 Washer, lock	4	
5	GB/T57830	M6×16 Bolt	4	
6	A15C5-02003	Cover, case	1	
7	A15C5-02004	Packing	1	
8	A15C5-02201	Case, transmission	1	
9	A30A5-02202	Cap, bearing	2	
10	A15C5-02202	Bolt	4	
11	A15C5-02203	Plate, lock	4	
12	A30A5-02205	Air Breather	1	
13	DZ05G-J208	Switch, back-lamp	1	
14	A30A5-02206	Shim	1	
15	A30A5-02207	Case, cover	1	
16	A30A5-02208	Gasket, Case cover	1	
17	GB/T5783	M10×16 Bolt	10	
18	GB/T93	10 Washer, lock	17	
19	A30A5-02209	Gasket, clutch housing	1	
20	A30A5-02210	Supporter, arm shaft	1	
21	GB/T1235	35×3.1 O-ring	1	
22	GB/T5783	M8×20 Bolt	1	

(1/2)
Transmission (clutch type)



(1/2)
Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
23	GB/T93	8 Washer, lock	2	
24	GB/T5783	M10×45 Bolt	1	
25	GB/T6170	M10 Nut	1	
26	A30A5-02211	Plug	1	
27	GB/T1235	20×2.4 O-ring	1	
28	A30A5-02212	GZ1/2 Plug	1	
29	A30A5-02213	Bolt, slide	1	
30	GB/T1235	28×3.5 O-ring	1	
31	A30A5-02214	Washer	1	
32	A30A5-02215	Rod, shift	1	
33	A30A5-02216	Fork, shift	2	
34	A30A5-02217	Spring	2	
35	GB/T308	10 Ball, steel	2	
36	A30A5-02218	Lever, shift	2	
37	GB/T1235	22×2.4 O-ring	2	
38	GB/T1099	5×19 key, half-round	2	
39	GB/T894.1	22 Snap ring	1	
40	GB/T119.1	12×20 Pin	2	

Transmission (clutch type)

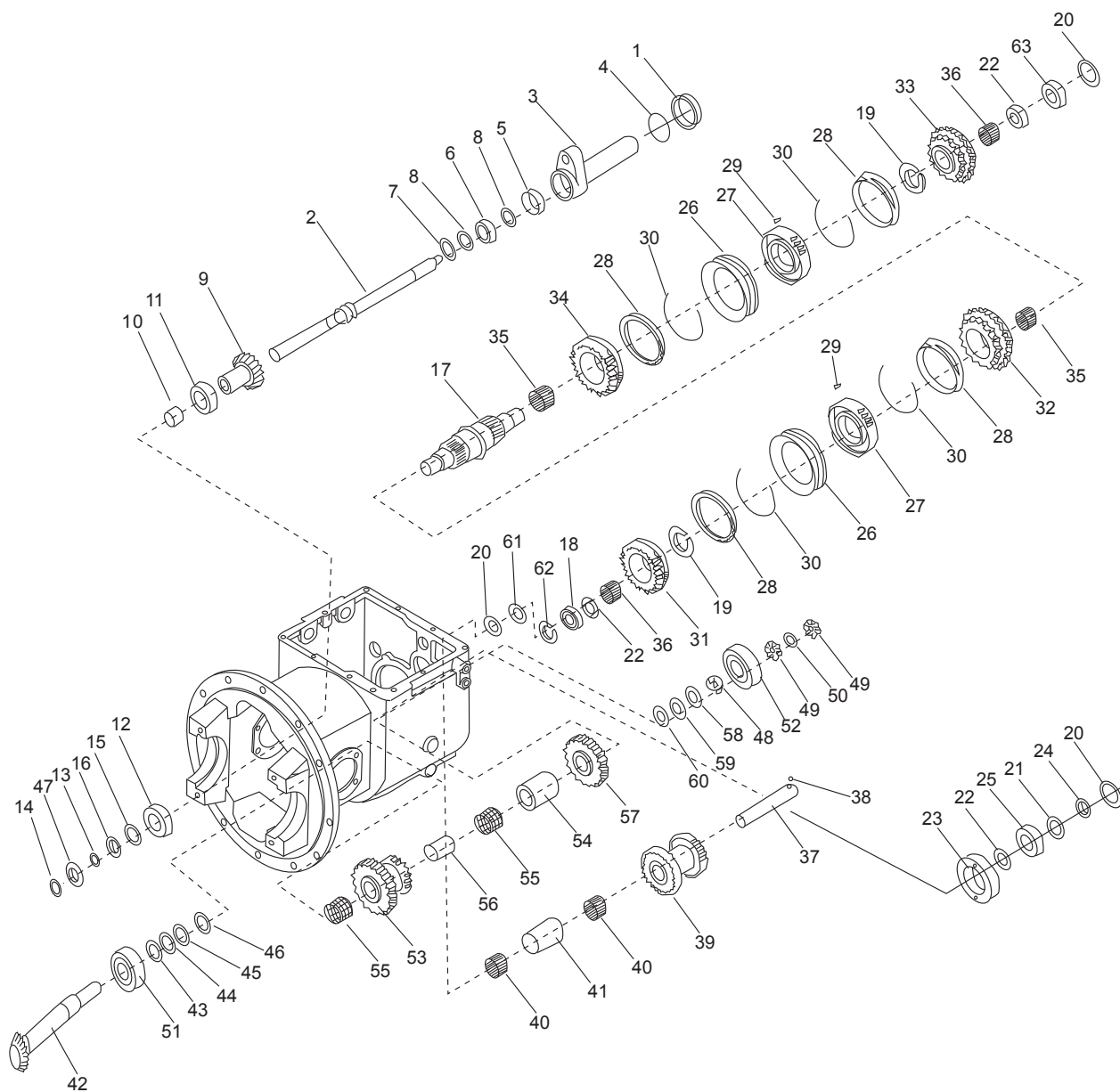


(2/2)

Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
1	A30A5-02219	Collar	1	
2	A30A5-02220	Shaft, main drive	1	
3	A30A5-02221	Retainer, bearing	1	
4	GB/T1235	42×3.5 O-ring	1	
5	A30A5-02222	Seal, oil	1	
6	GB/T275	105 Bearing, ball	1	
7	GB/T893. 2	47 Snap ring	1	
8	GB/T894. 1	25 Snap ring	2	
9	A30A5-02223	Gear, input	1	
10	A30A5-02224	Spacer	1	
11	GB/T276	207 Bearing, ball	1	
12	GB/T272	50207 Bearing, ball	1	
13	A30A5-02225	Spacer	1	
14	GB/T894. 1	35 Snap ring	1	
15	GB/T305	72/78. 6 Ring, thrust	1	
16	A30A5-02226	Spacer	1	
17	A30A5-02227	Shaft, main	1	
18	GB/T276	306 Bearing, ball	1	
19	GB/T894. 1	48 Snap ring	2	
20	GB/T894. 1	30 Snap ring	2	
21	A30A5-02228	Spacer	1	

(2/2)
Transmission (clutch type)

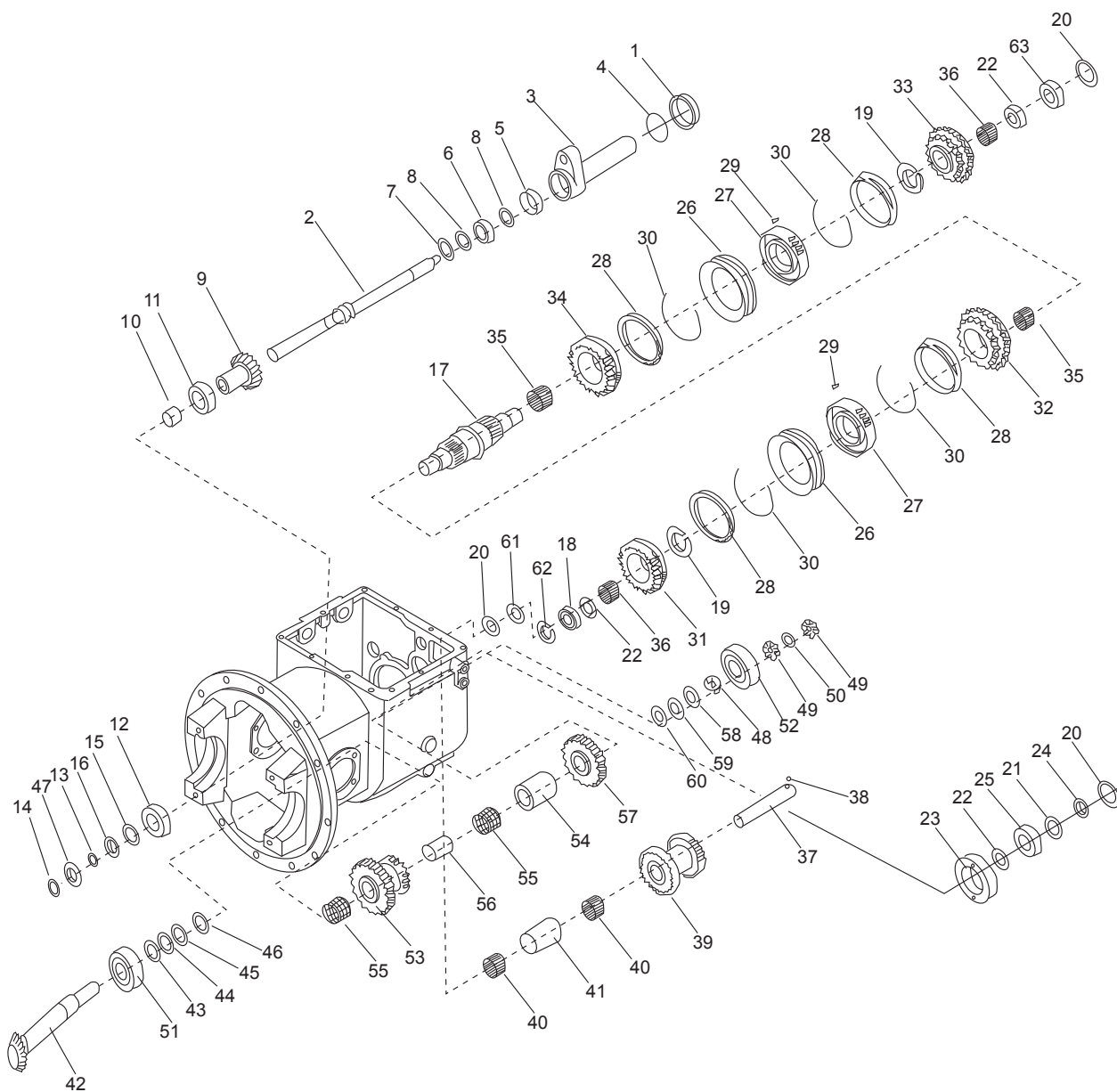


(2/2)

Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
22	A30A5-02229	Plate, thrust	2	
23	A30A5-02230	Retainer, bearing	1	
24	GB/T893. 2	72 Snap ring	1	
25	GB/T276	306 Bearing, ball	1	
26	A30A5-02231	Gear, sleeve	2	
27	A30A5-02232	Gear, hub	2	
28	A30A5-02233	Ring	4	
29	A30A5-02234	Insert	6	
30	A30A5-02235	Spring	4	
31	A30A5-02236	Gear, high speed	1	
32	A30A5-02237	Gear, low speed	1	
33	A30A5-02238	Gear, forward	1	
34	A30A5-02239	Gear, reverse	1	
35	A30A5-02240	Bearing, needle	2	
36	A30A5-02241	Bearing, needle	2	
37	A30A5-02242	Shaft, reverse idler	1	
38	GB/T308	1/4 " Ball, steel	1	
39	A30A5-02243	Gear, reverse idler	1	
40	A30A5-02244	Bearing, needle	2	
41	A30A5-02245	Spacer	1	
42	A15C5-02204	Shaft, output	1	

(2/2)
Transmission (clutch type)

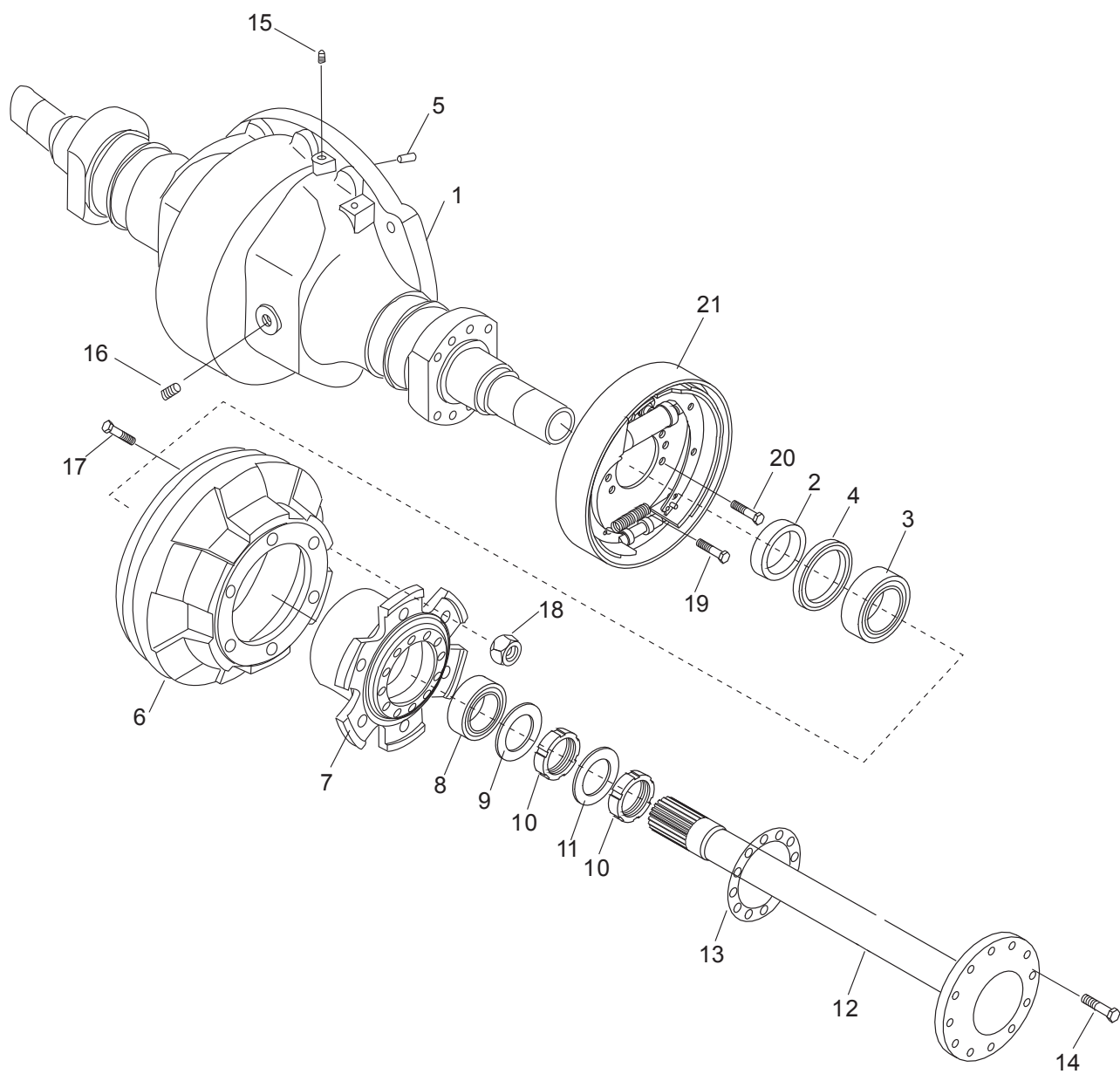


(2/2)

Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
43	A30A5-02247	Shim	1	
44	A30A5-02248	Shim	2	
45	A30A5-02249	Shim	2	
46	A30A5-02250	Plate, thrust	1	
47	GB/T893. 2	80 Snap ring	1	
48	A30A5-02251	Washer, spring	1	
49	GB/T812	M25×1. 5 Nut	2	
50	GB/T858	25 Washer thrust	1	
51	GB/T297	7508 Bearing taper roller	1	
52	GB/T297	7605 Bearing taper roller	1	
53	A30A5-02252	Gear, cluster	1	
54	A30A5-02253	Spacer	1	
55	A30A5-02254	Bearing, needle	2	
56	A30A5-02255	Spacer	1	
57	A30A5-02256	Gear, output	1	
58	A30A5-02257	Plate, thrust		
59	A30A5-02258	Plate, thrust		
60	A30A5-02259	Plate, thrust		
61	A30A5-02260	Spacer	1	
62	GB/T893. 2	72 Snap ring	1	
63	GB/T276	Bearing	1	

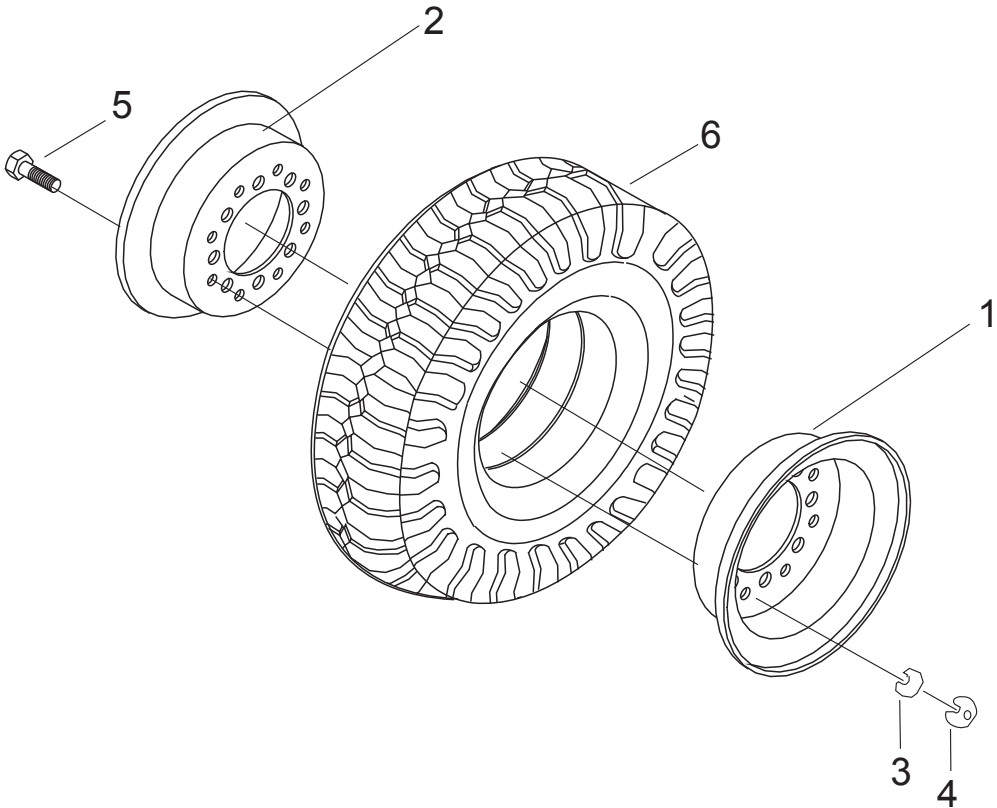
Drive axle



Drive axle

Item	Part No	Description	Q'ty	Remark
1	A15A5-00101	Housing, axle	1	
2	A15A5-00102	Snap,ring	2	
3	GB/T9877.1	Sd125×100×12 Seal, oil	2	
4	A15A5-00103	7213E Bearing	2	
5	GB/T119.1	8×25 Pin	1	
6	A15A5-00104	Drum, brake	2	
7	A15A5-00105	Hub, front	2	
8	A15A5-00106	Seal, oil ass'y	2	
9	A15A5-00107	Snap,ring	2	
10	GB/T810	M60×2 Nut	4	
11	GB/T858	60 Washer	2	
12	A15A5-00108	Shaft, drive	2	
13	A15A5-00109	Packing	2	
14	A15A5-00110	M12×1.25 Bolt	16	
15	A15A5-00111	Flug,rubber	1	
16	A15A5-00112	Flug	2	
17	A15A5-00113	Bolt	12	
18	A15A5-00114	Nut	12	
19	A15A5-00115	Bolt	4	
20	A15A5-00116	Bolt	8	
21	A15A5-00400	Drum,brake ass'y(left)	1	
–	A15A5-00500	Drum,brake ass'y(right)	1	

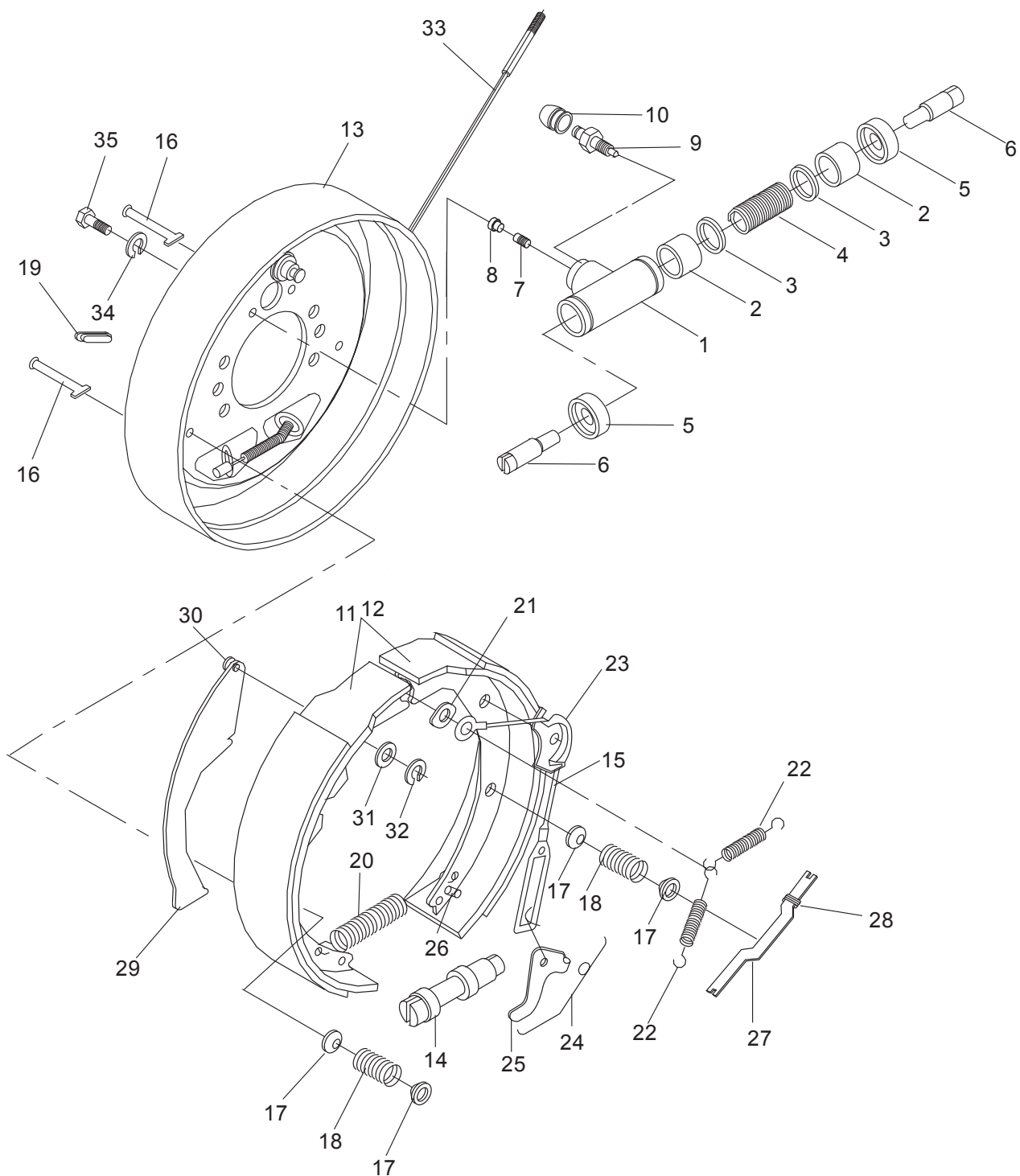
Driving wheel assembly



Driving wheel assembly

Item	Part No	Description	Q'ty	Remark
1	A15A5-00301	Rim,outside	2	
2	A15A5-00302	Rim,inside	2	
3	GB/T93	12 Washer	12	
4	GB/T6170	M12 Nut	12	
5	A30A6-10005	Bolt	12	
6	GB/T2982	6.50-10-10PR Tyre	2	

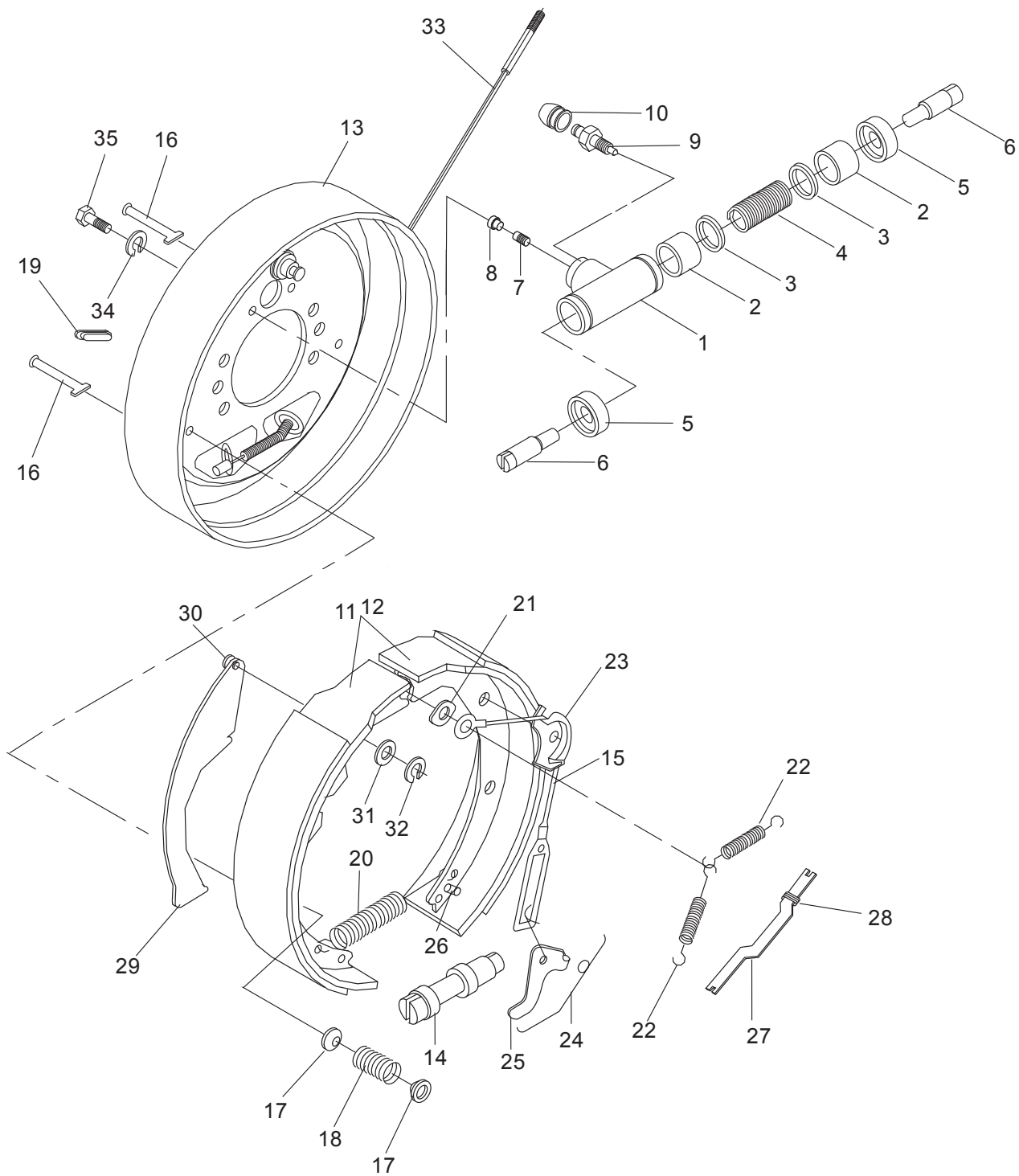
Wheel brake



Wheel brake

Item	Part No	Description	Q'ty	Remark
A	A15A5-00400	Wheel brake ass'y L.H.	1	
–	A15A5-00500	Wheel brake ass'y R.H.	1	
B	A15A5-00600	Wheel cylinder ass'y	1	Left & right types
1	A15A5-00601	Cylinder	1	Left & right types
2	A15A5-00602	Piston	2	
3	A15A5-00603	Cup, piston	2	
4	A15A5-00604	Spring	1	
5	A15A5-00605	Cover, dust	2	
6	A15A5-00606	Rod, piston	2	
7	A15A5-00607	Seat,tube	1	
8	A15A5-00608	Shroud	1	
9	A15A5-00609	Screw,bleeder	1	
10	A15A5-00610	Cap, screw	1	
11	A15A5-00611	Brake shoe & friction plate ass'y	2	
12	A15A5-00613	Back plate ass'y	1	Left & right types
13	A15A5-00614	Clearance adjuster	1	Left & right threads
14	A15A5-00615	Spring & Fitting ass'y	1	
15	A15A5-00616	Pin, shoe hold down	2	
16	A15A5-00617	Cup, shoe hold down	4	
17	A15A5-00618	Spring, shoe hold down	2	
18	A15A5-00619	Plug, rubber	2	

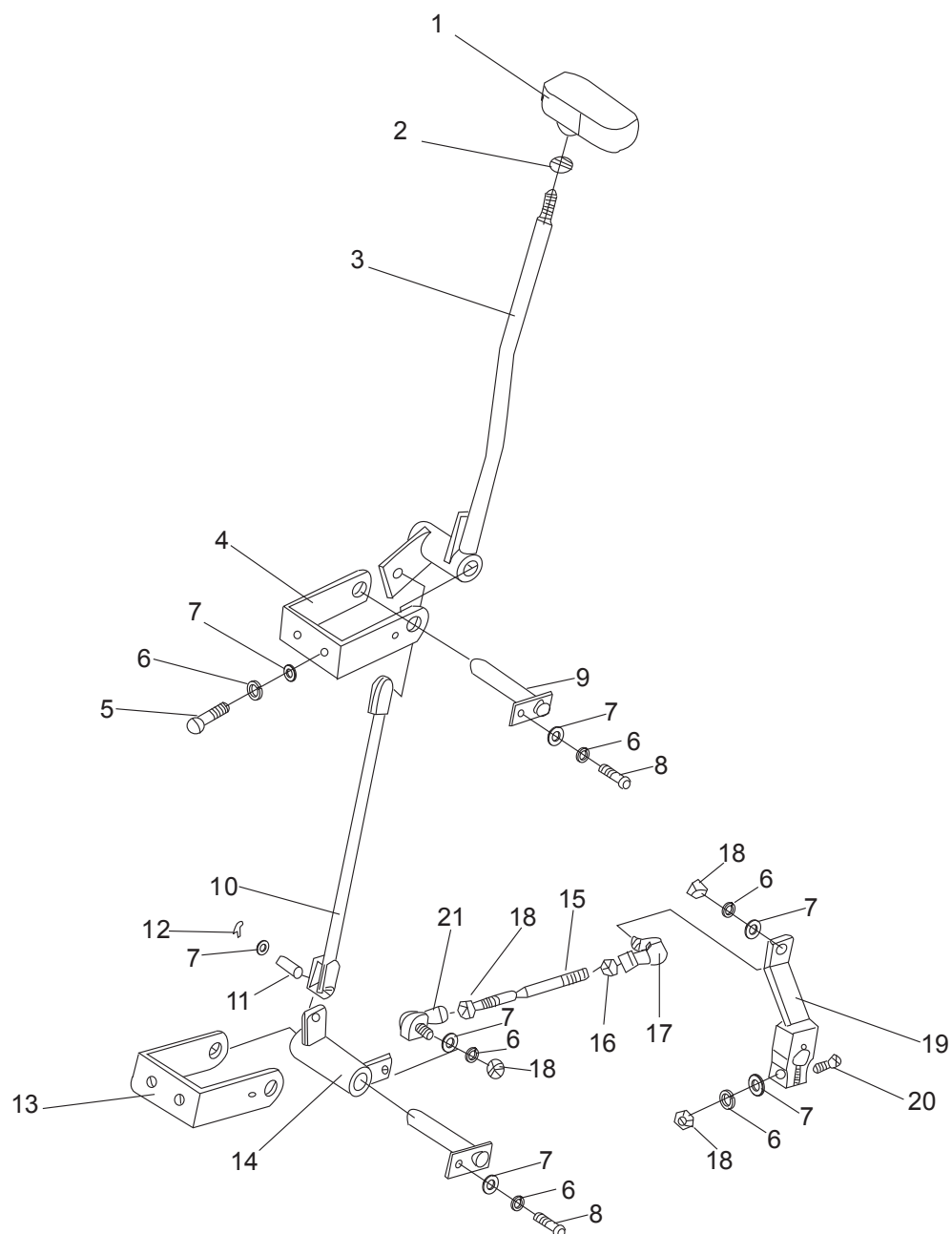
Wheel brake



Wheel brake

Item	Part No	Description	Q'ty	Remark
19	A15A5-00620	Return Spring	1	Left & right types
20	A15A5-00621	Guide, plate	1	
21	A15A5-00622	Return spring, brake shoe	2	
22	A15A5-00623	Guide, cable	1	
23	A15A5-00624	Spring	1	
24	A15A5-00625	Lever	1	
25	A15A5-00626	Pin	1	
26	A15A5-00627	Strut L. H.	1	
27	A15A5-00628	Spring	1	
28	A15A5-00629	Lever L.H. brake	1	
29	A15A5-00630	Pin	1	
30	A15A5-00631	Washer, spring	1	
31	A15A5-00632	Snap, ring, pin axle	1	
32	A15A5-00634	Cable R. H	1	
-	A15A5-00633	Cable L. H	1	
33	GB/T93	6 Washer,lock	2	
34	GB/T5783	M6×16 Bolt	2	

Transmission control linkage (tor-con type)

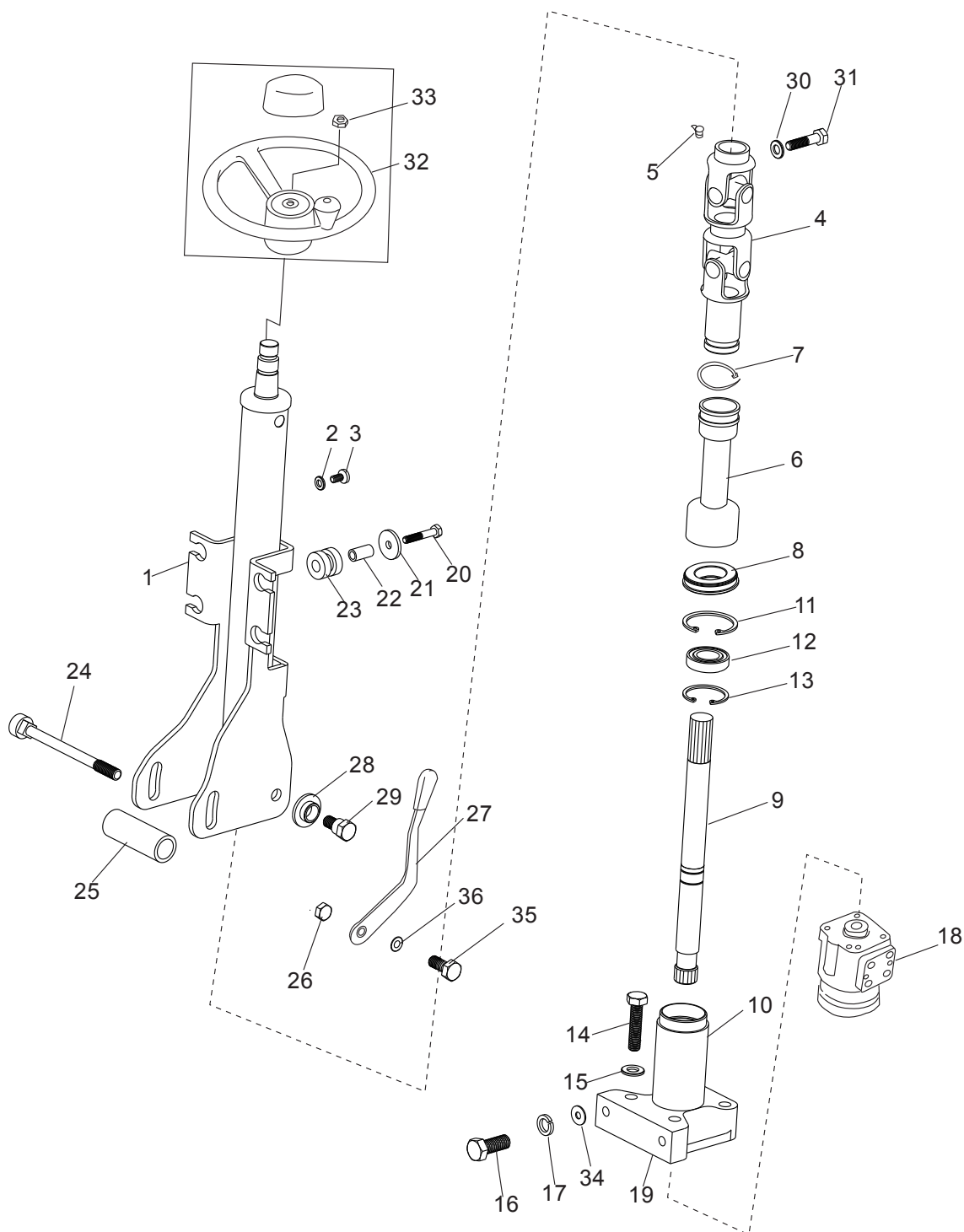


Transmission control linkage (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30B5-01100	Handle	1	
2	GB/T6170	M10 Nut	1	
3	A15D5-01200	Lever	1	
4	A30B5-01800	Bracket (left)	1	
5	GB/T5783	M8×30 Bolt	4	
6	GB/T93	8 Washer,lock	9	
7	GB/T97. 1	8 Washer	11	
8	GB/T5783	M8×25 Bolt	2	
9	A30B5-01300	Shaft	2	
10	A15D5-01400	Link	1	
11	GB/T882	8×18 Pin	2	
12	GB/T91	2.5×20 Pins	2	
13	A30B5-01700	Bracket (lower)	1	
14	A15D5-01500	Rocker ass'y	1	
15	A15D5-00003	Link	1	
16	GB/T6170	Nut (left)	1	
17	A30B5-01005	Bearing	1	
18	GB/6170	M8 Nut	4	
19	A15D5-01600	Link	1	
20	GB/T5783	M8×40 Bolt	1	
21	A30B5-01004	Bearing	1	

STEERING SYSTEM

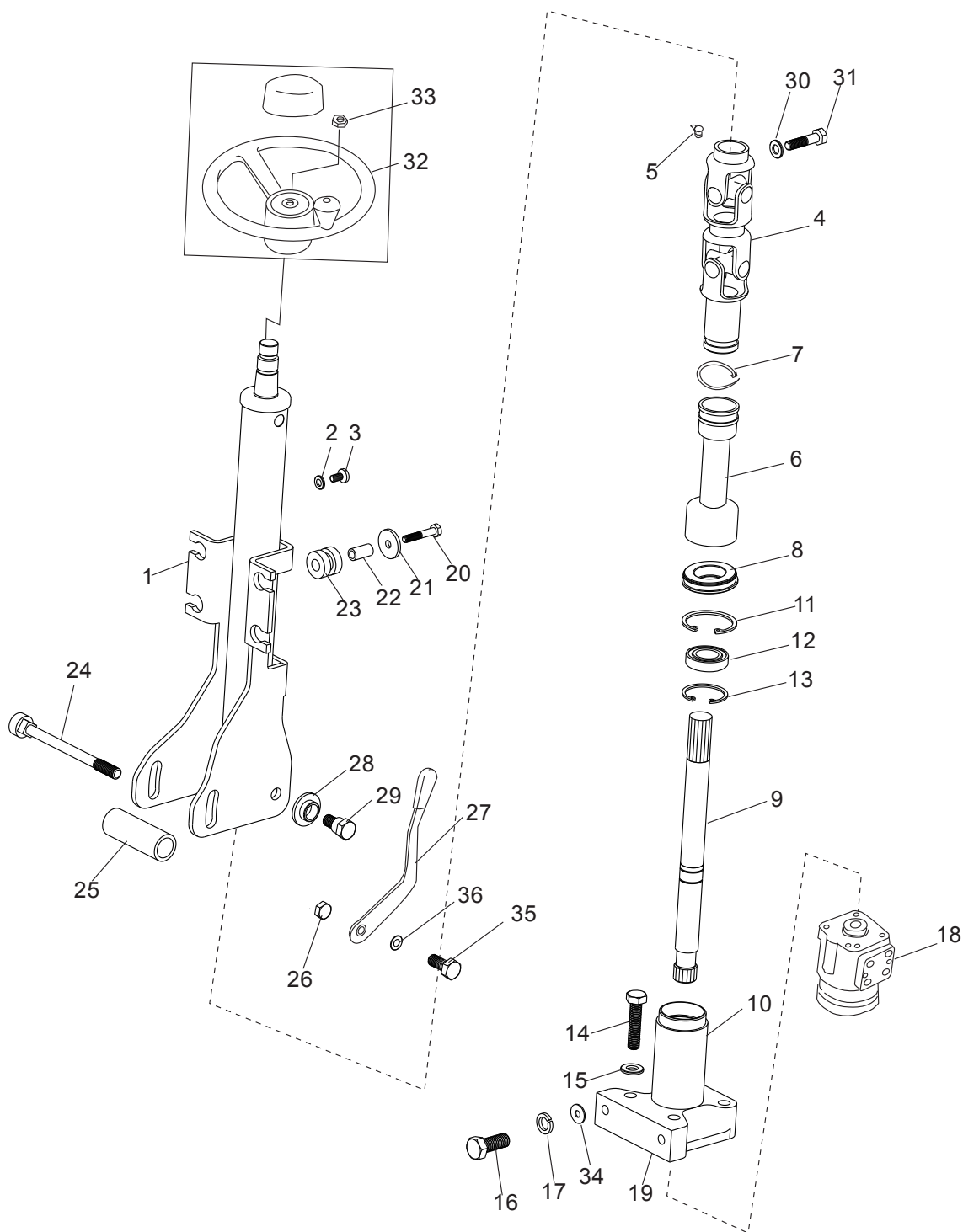
Steering control



Steering control

Item	Part No	Description	Q'ty	Remark
1	A30C6-00100	Steering column	1	
2	GB/T97.1	6 Washer	4	
3	GB/T818	M6×12 Screw	4	
4	A30C6-00200	Joint	1	
5	JB/T7940.1	M10×1 Cup,grease	1	
6	A30C6-00003	Boot	1	
7		4 ×150 Band	1	
8	A30C6-00004	Seal cover	1	
9	A30C6-00301	Link	1	
10	A30C6-00302	Flange	1	
11	GB/T893.1	37 Snap ring	1	
12	GB/T276	Bearing	1	
13	GB/T894.1	20 Snap ring	2	
14	GB/T5783	M10×45 Bolt	4	
15	GB/T93	10 Washer,lock	4	
16	GB/T5786	M12×1.25×20 Bolt	2	
17	GB/T93	12 Washer,lock	2	
18	A15C4-40000	Redirector	1	
—	A25A4-40000	Redirector	1	
19	A30A6-00006	Shim	1	
20	GB/T5783	M6×35 Bolt	4	
21	A30A6-00007	Washer	4	

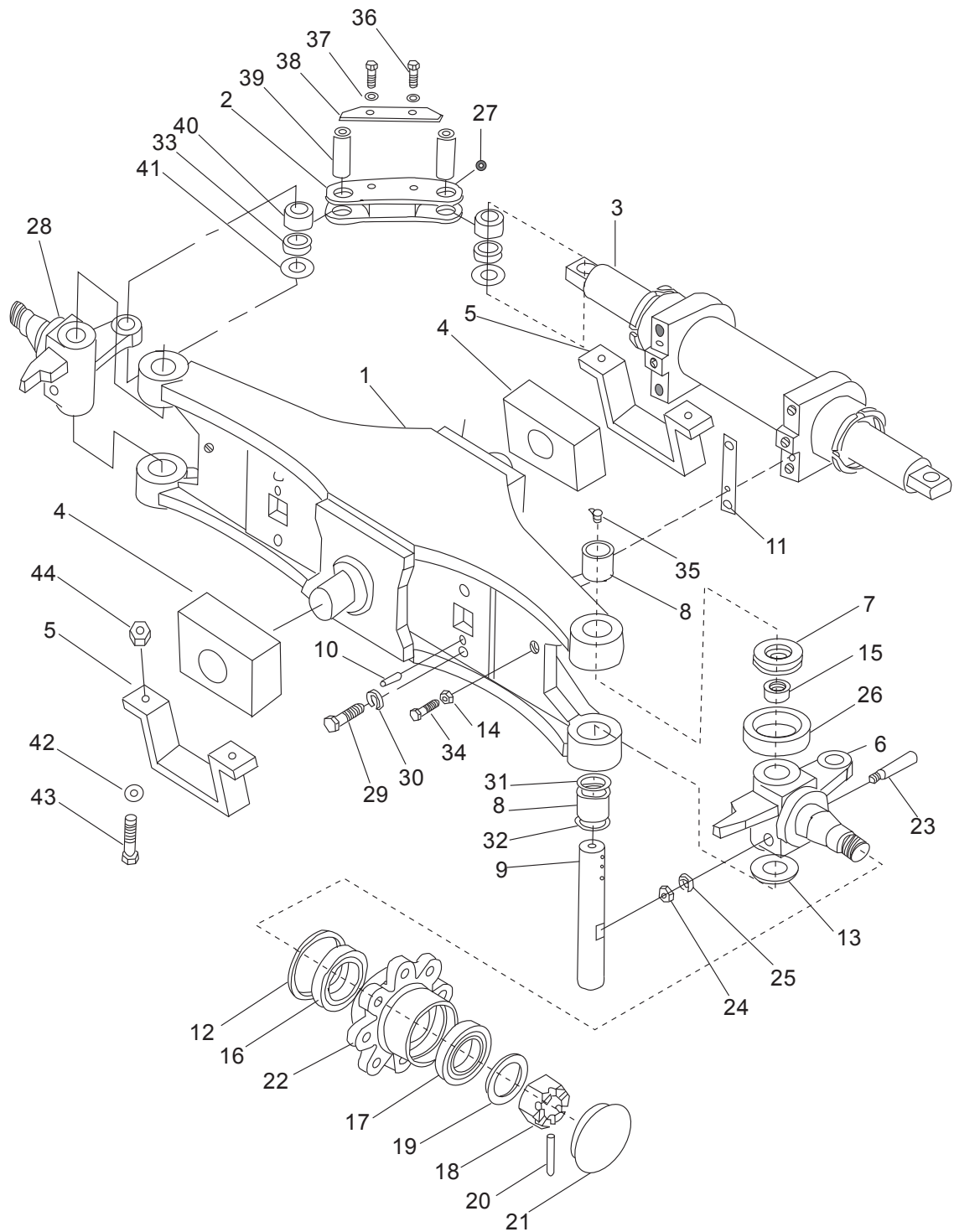
Steering control



Steering control

Item	Part No	Description	Q'ty	Remark
22	A30A6-00008	Spacer	4	
23	A30A6-00009	Rubber	4	
24	A30B6-00001	Bolt	1	
25	A30C6-00002	Spacer	1	
26	A30B6-00002	Nut	1	
27	A30B6-00101	Lever	1	
28	A30A6-00004	Washer	2	
29	A30A6-00005	Bolt	2	
30	GB/T93	8 Washer,lock	1	
31	GB/T5783	M8×35 Bolt	1	
32	A30A6-00300	Wheel,Steering ass'y	1	
33	GB/T6173	M16×1.5 Nut	1	
34	GB/T97.1	12 Washer	1	
35	A30B6-00004	Bolt	1	
36	A30B6-00003	Washer	1	

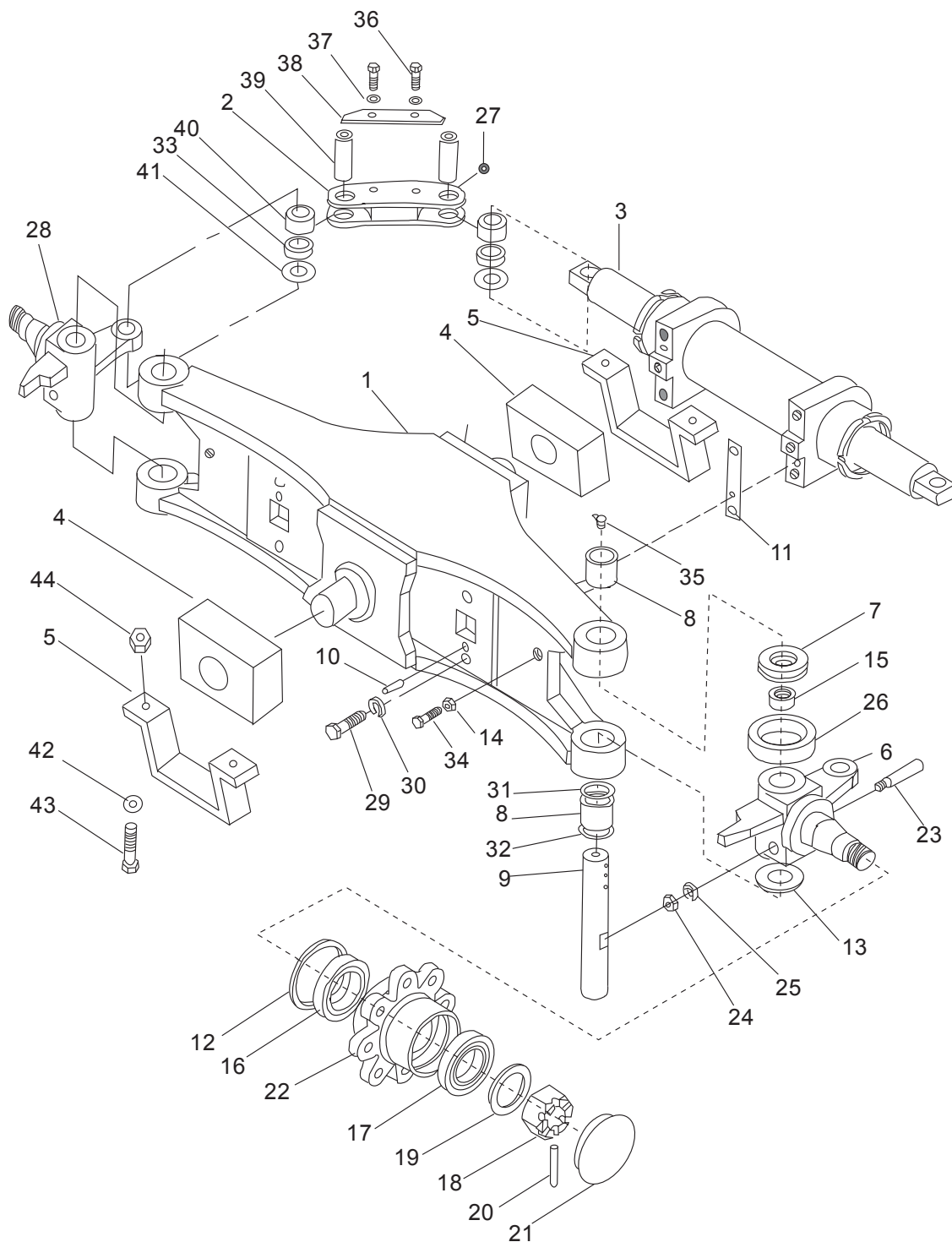
Steering axle



Steering axle

Item	Part No	Description	Q'ty	Remark
1	A15C6-10220	Axle ass'y	1	
2	A15C6-10201	Link	2	
3	A15C6-10400	Power cylinder ass'y	1	
4	A30A6-10001	Rubber	2	
5	A30A6-10002	Bracket	2	
6	A15C6-10500(R)	Knuckle R. H. ass'y	1	
7	GB/T301	51208 Bearing	2	
8	GB/T290	943/32 Bearing	4	
9	A15C6-10202	Pin, king	2	
10	GB/T119.1	10×20 Pin	2	
11	A15C6-10203	Shim	4	
12	A15C6-10221	B85×110×12D Seal, oil	2	
13	A15C6-10204	Shim	2	
14	GB/T6170	M12 Nut	2	
15	A15C6-10205	Cap	2	
16	GB/T297	7211E Bearing	2	
17	GB/T297	7207E Bearing	2	
18	A15C6-10206	M30×2 Nut	2	
19	GB/T97. 1	30 Washer	2	
20	GB/T92	6.3×55 Pin	2	
21	A15C6-10207	Cap	2	
22	A30A6-10208	Hub	2	

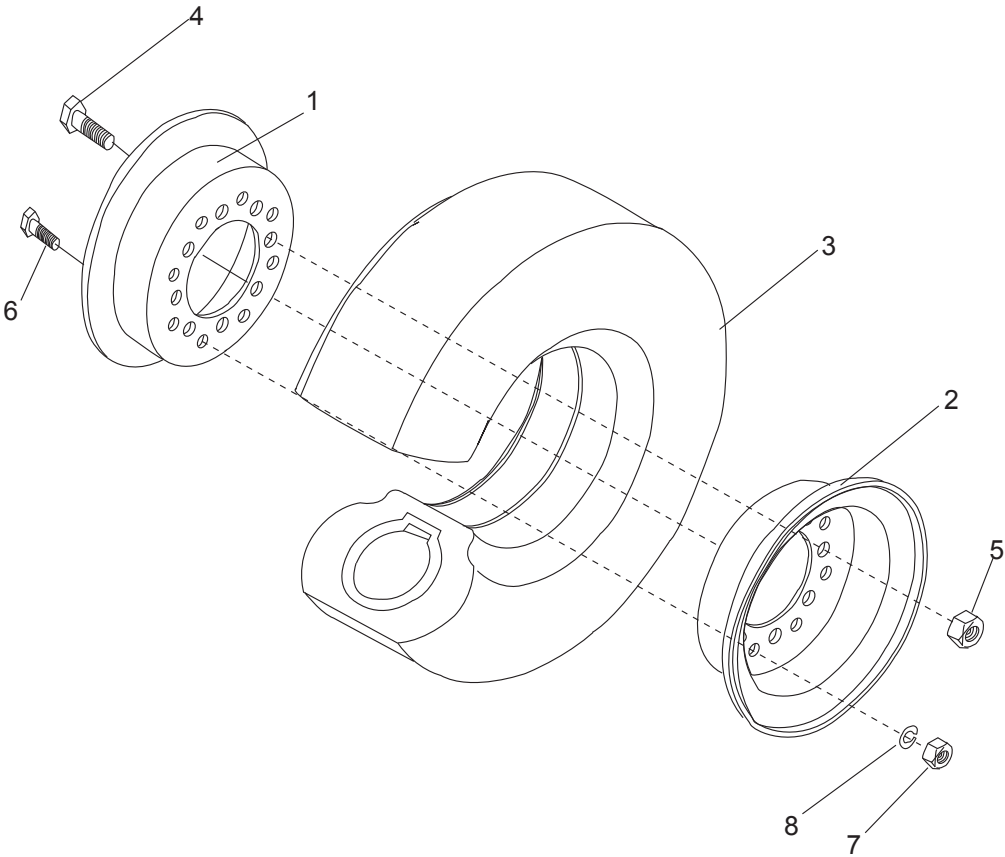
Steering axle



Steering axle

Item	Part No	Description	Q'ty	Remark
23	A15C6-10209	Pin	2	
24	GB/T6171	M10×1.25 Nut	2	
25	GB/T97.1	10 Washer	2	
26	A15C6-10210	Bushing	2	
27	GB/T1152	M6 Cup,grease	4	
28	A15C6-10500(L)	Knuckle L. H. ass'y	1	
29	GB/T5783	M14×45 Bolt	4	
30	GB/T93	14 Washer, lock	4	
31	A15C6-10211	O-ring	2	
32	A15C6-10212	Seal, oil	2	
33	A15C6-10213	Bushing	4	
34	A15C6-10214	Bolt	2	
35	A15C6-10215	ZG1/8 Cup,grease	2	
36	GB/T5783	M8×18 Bolt	4	
37	GB/T93	8 Washer, lock	4	
38	A15C6-10216	Baffle	2	
39	A15C6-10217	Pin	4	
40	A15C6-10218	Bearing	4	
41	A15C6-10219	Shim	4	
42	GB/T97.1	16 Washer	4	
43	GB/T5783	M16×40 Bolt	4	
44	GB/T889.1	M16 Nut	4	

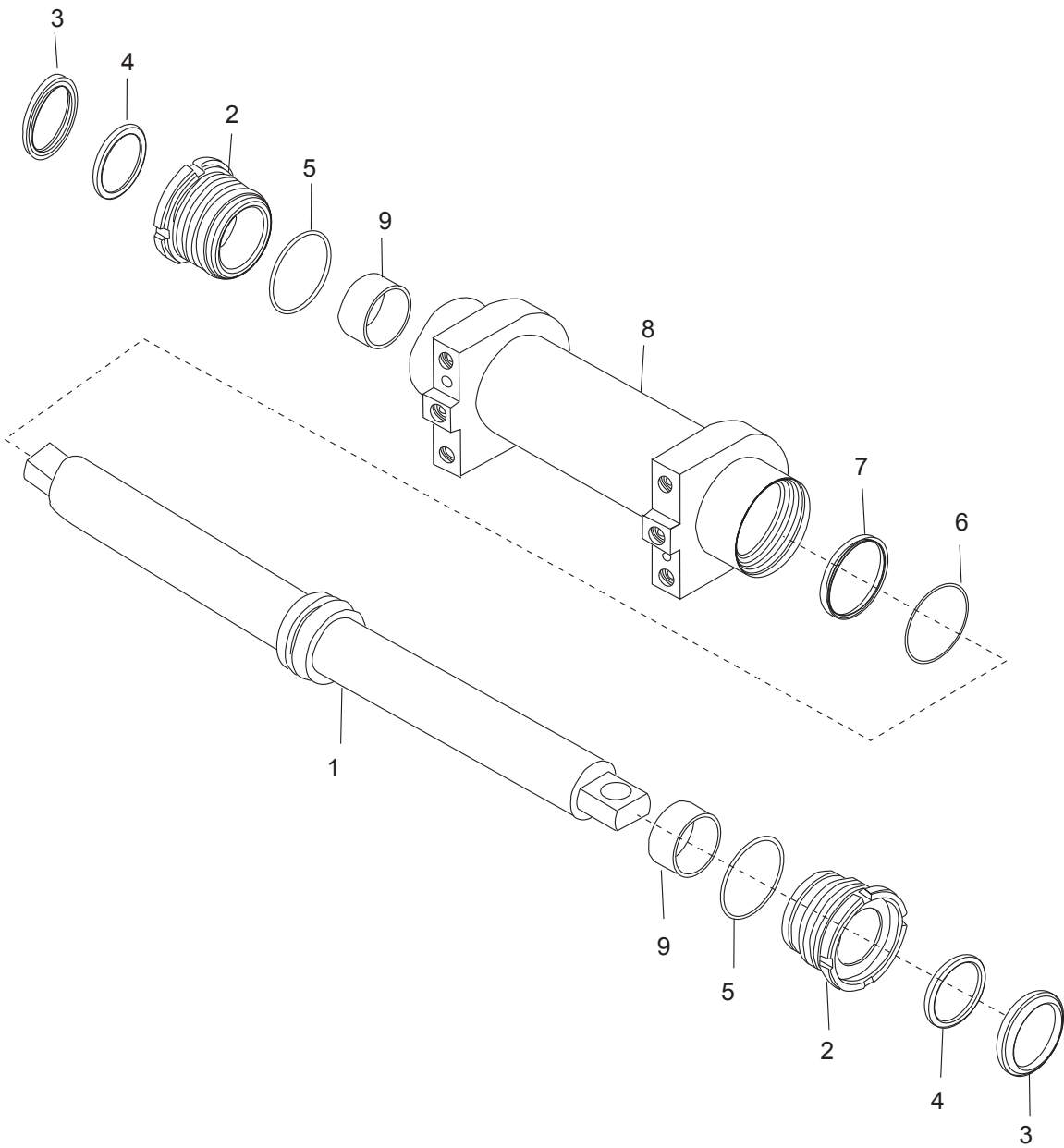
Steering wheel



Steering wheel

Item	Part No	Description	Q'ty	Remark
1	A15A6-10101	Rime, outside	2	
2	A15A6-10102	Rime, inside	2	
3	GB/T2982	5.00-8-10PR Tire	2	
4	A15A6-10002	Bolt	16	
5	A30A6-10004	Nut	16	
6	A30A6-10005	Bolt	16	
7	GB/T6170	M12 Nut	16	
8	GB/T93	12 Washer,lock	16	

Steering cylinder



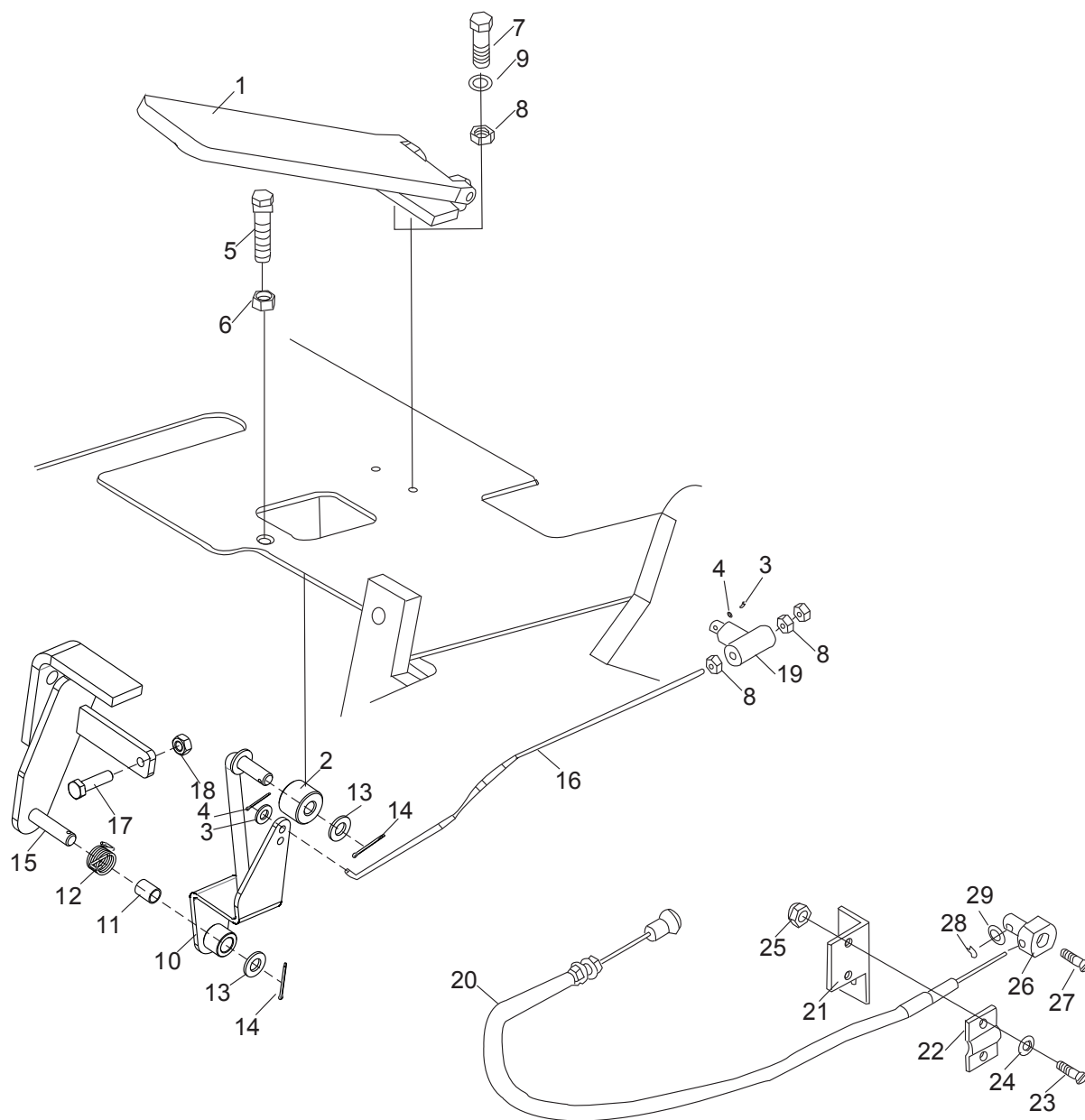
Steering cylinder

Item	Part No	Description	Q'ty	Remark
1	A15C6-10400	Power cylinder ass'y	1	
2	A15C6-10600	Piston rod ass'y	1	
3	A15C6-10401	Cap	2	
4	A15C6-10402	50×72 Seal, dust	2	
5	GB/T3452. 1	63×3. 55 O-ring	2	
6	GB/T3452. 1	60×3. 55 O-ring	1	
7	A15C6-10403	Seal, slipper	1	
8	A15C6-10404	Body, power steering	1	
9	A15C6-10405	5030 Bearing	2	

ACCELERATOR PEDAL

Accelerator pedal

FD10,15,18-X11



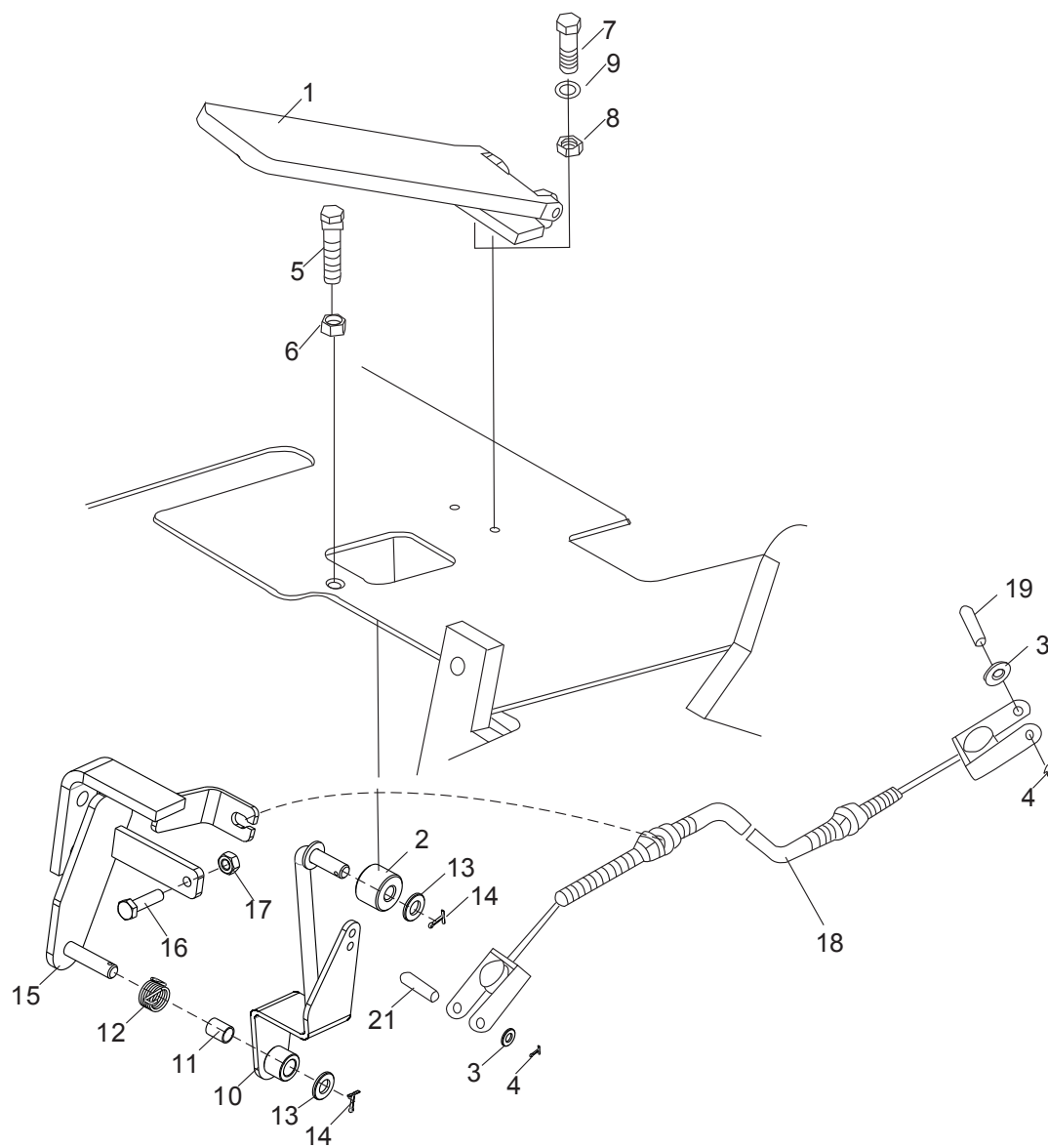
Accelerator pedal

FD10,15,18-X11

Item	Part No	Description	Q'ty	Remark
1	A30A7-30100	Accelerator pedal ass'y	1	
2	A30C7-30204	Sheave	1	
3	GB/T97. 1	6 Washer	2	
4	GB/T91	2×15 Pin	2	
5	A30A7-30002	Bolt	1	
6	GB/T6170	M12 Nut	1	
7	GB/T5783	M6×20 Bolt	2	
8	GB/T6170	M6 Nut	5	
9	GB/T93	6 Washer,lock	2	
10	A30C7-30310	Link, ass'y	1	
11	A30C7-30307	1015 Bushing	1	
12	A30C7-30306	Spring	1	
13	GB/T97. 1	10 Washer	2	
14	GB/T91	2×24 Pin	2	
15	A15C7-30210	Bracket	1	
16	A30A7-30004	Link	1	
17	GB/T5783	M8×30 Bolt	1	
18	GB/T6170	M8 Nut	1	
19	A30C7-30001	Clevis	1	
20	A15C7-30100	Pedal	1	
21	A15C7-30001	Bracket	1	
22	A15C7-30002	Bracket	1	
23	GB/T29.2	M6×30 Bolt	2	
24	GB/T93	6 Washer,lock	2	
25	GB/T6170	M6 Nut	1	
26	A15C7-30003	Pin	2	
27	GB29.2-88	M5×10 Bolt	1	
28	GB/T91	1.6×16 Pin	1	
29	GB/T97. 1	10 Washer	1	

Accelerator pedal

FD10,15,18-W1
FY10,15,18-R1



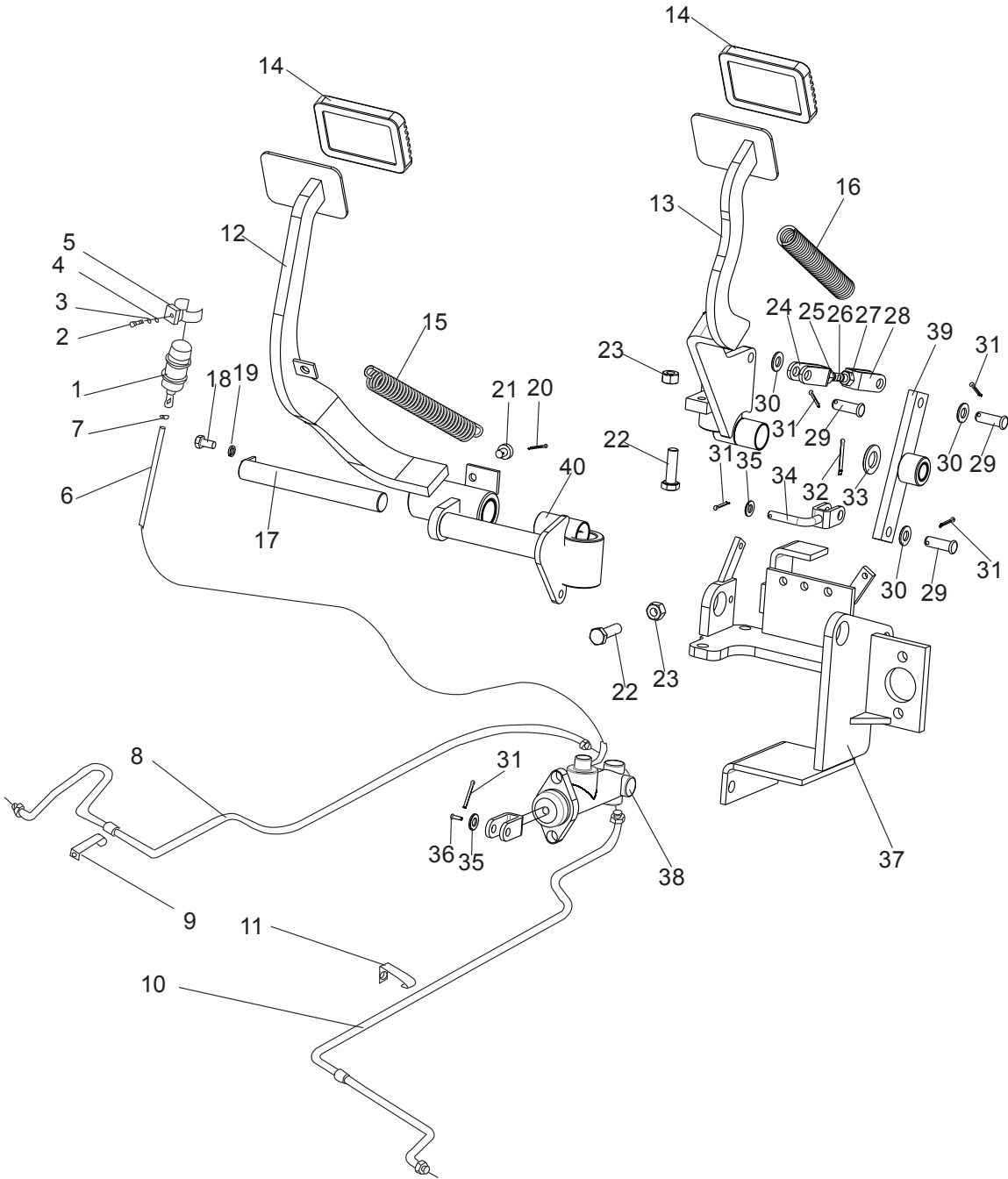
Accelerator pedal

FD10,15,18-W1
FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	A30A7-30100	Accelerator pedal ass'y	1	
2	A30C7-30204	Sheave	1	
3	GB/T97. 1	6 Washer	2	
4	GB/T91	2×20 Pin	2	
5	A30A7-30002	Bolt	1	
6	GB/T6170	M12 Nut	1	
7	GB/T5783	M6×20 Bolt	2	
8	GB/T6170	M6 Nut	2	
9	GB/T93	6 Washer,lock	2	
10	A30C7-30310	Link, ass'y	1	
11	A30C7-30307	1015 Bushing	1	
12	A30C7-30306	Spring	1	
13	GB/T97. 1	10 Washer	2	
14	GB/T91	2×24 Pin	2	
15	A15F7-30310	Bracket	1	
16	GB/T5783	M8×30 Bolt	1	
17	GB/T6170	M8 Nut	1	
18	A30D7-30200	Soft shaft	1	FD10,15,18-W1
—	A30E7-30100	Soft shaft	1	FY10,15,18-R1
19	GB/T882	B6×16 Pin	2	

BRAKE SYSTEM

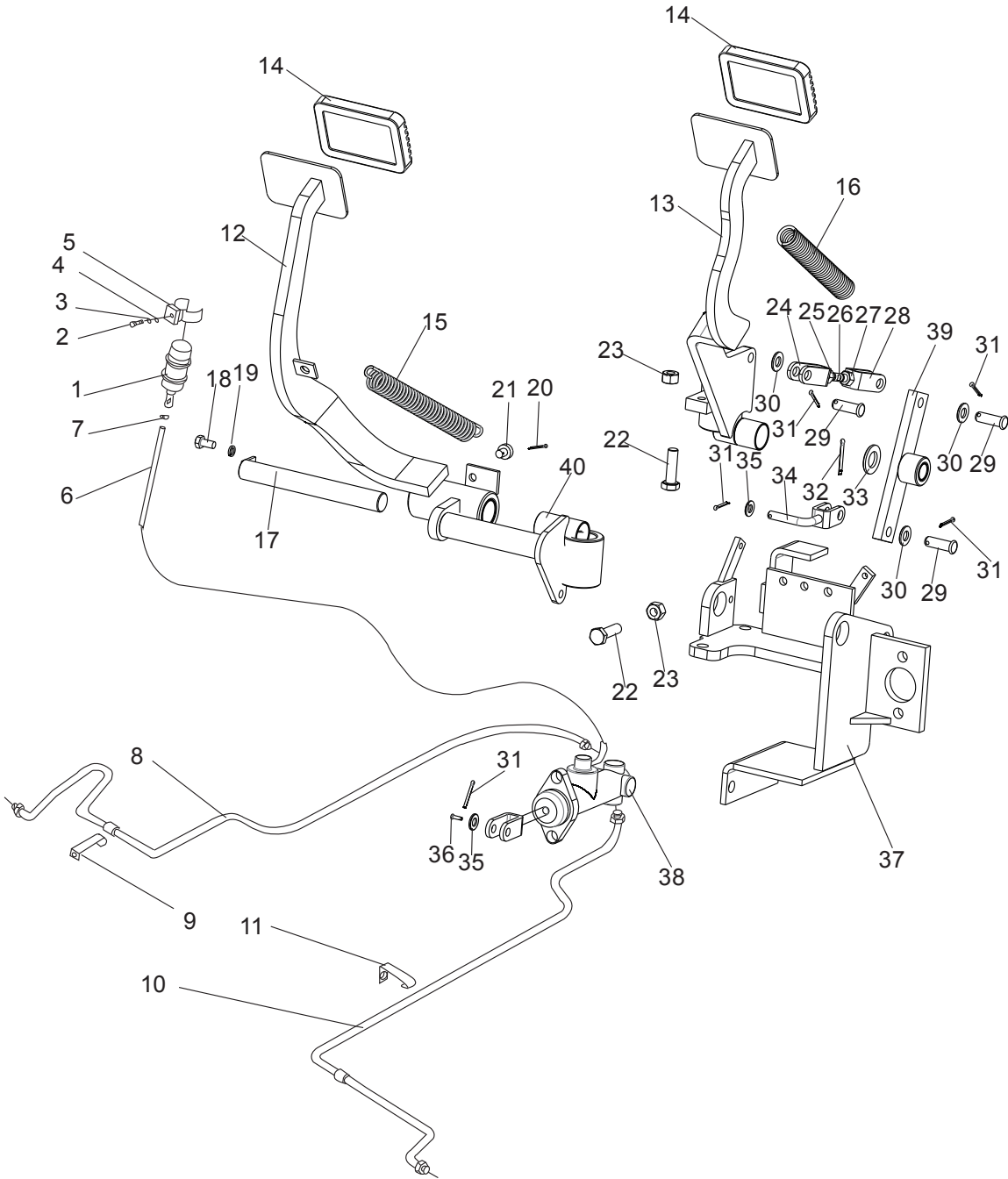
Brake & inching control (tor-con type)



Brake & inching control (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30A7-10002	Tank, reserve	1	
2	GB/T5783	M8×20 Bolt	1	
3	GB/T93	8 Washer, lock	4	
4	GB/T97. 1	8 Washer	1	
5	A30A7-10001	Clip	1	
6	TG000-10150	10L=1500 Hose	1	
7	TK000-13019	13~19 Clip	2	
8	A15D7-10100	Hose	1	
9	A30A7-10003	Clip	1	
10	A15D7-10200	Hose	1	
11	A30A7-10004	Clip	1	
12	A15D7-11300	Clutch pedal	1	
13	A15D7-11100	Clutch pedal	1	
14	A30A7-11001	Head cover	2	
15	A15D7-11002	2 Spring	1	
16	A15D7-11001	1 Spring	1	
17	A30B7-11500	Pin	1	
18	GB/T5783	M8×16 Bolt	1	
19	GB/T93	8 Washer, lock	1	
20	A30B7-11002	Nylon	1	
21	GB/T91	2×18 Pin	1	
22	GB/T5783	M10×40 Bolt	3	
23	GB/T6170	M10 Nut	3	

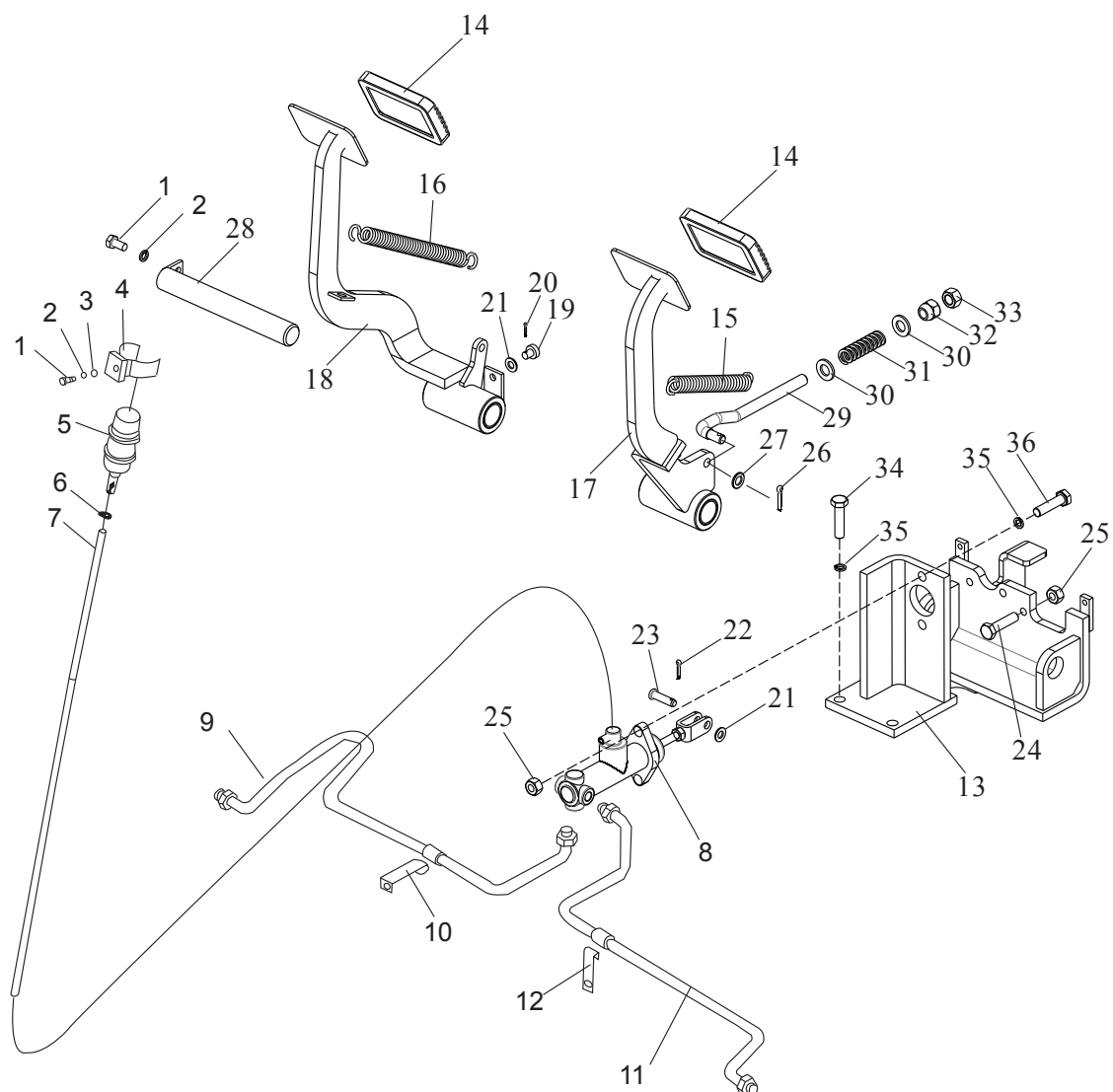
Brake & inching control (tor-con type)



Brake & inching control (tor-con type)

Item	Part No	Description	Q'ty	Remark
24	A30B7-11001	Clevis	1	
25	GB/T6170	M8 Nut	1	
26	A30B7-11003	Rod	1	
27	GB/T6170	M8 Nut	1	
28	A30B7-11004	Clevis	1	
29	GB/T882	10×30 Pin, clevis	3	
30	GB/T97. 1	10 Washer	3	
31	GB/T91	3.2×22 Pin	5	
32	GB/T91	4×32 Pin	1	
33	GB/T97. 1	16 Washer	1	
34	A15D7-11800	Link	1	
35	GB/T97. 1	8 Washer	2	
36	GB/T882	8×28 Pin, clevis	1	
37	A15D7-11200	Bracket	1	
38	A30A7-10400	Master cylinder	1	
39	A15D7-11600	Link	1	
40	Z2135-02525	2525 Bushing	6	

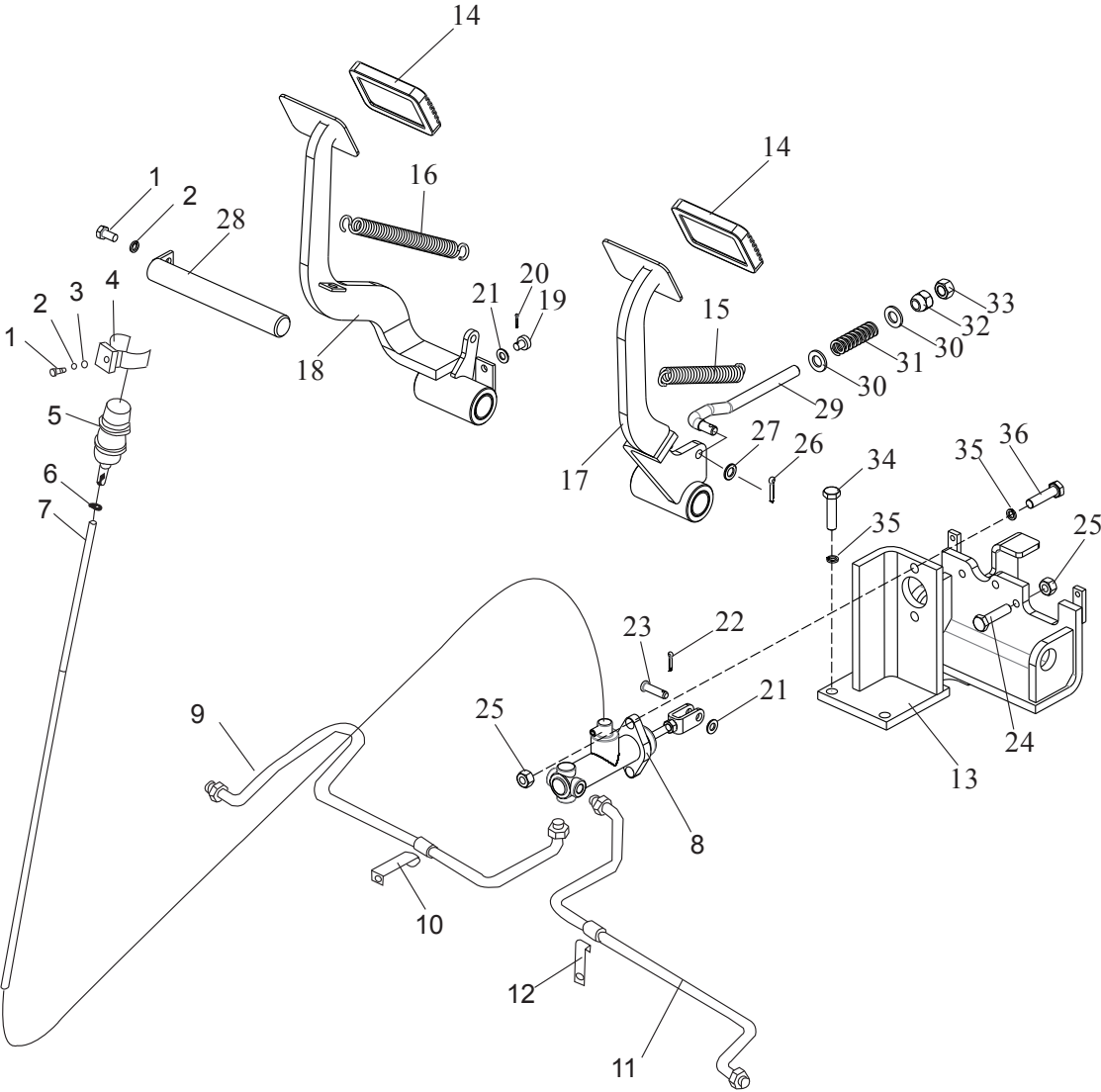
Brake & clutch control (clutch-type)



Brake & clutch control (clutch-type)

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M8×16 Bolt	2	
2	GB/T93	8 Washer, lock	2	
3	GB/T97. 1	8 Washer	1	
4	A30A7-10001	Clip	1	
5	A30A7-10002	Tank, reserve	1	
6	TK000-13019	13~φ19 Clip	2	
7	TG000-10090	10 L=900 Hose	1	
8	A30A7-10400	Master cylinder	1	
9	A15C7-10200	Hose (right)	1	
10	A30A7-10003	Clip	1	
11	A15C7-10300	Hose (left)	1	
12	A30A7-10004	Clip	1	
13	A15C7-11100	Bracket	1	
14	A30A7-11001	Head cover	2	
15	A15C7-11002	Spring	1	
16	A15C7-11001	Spring	1	
17	A15C7-11300	Clutch pedal	1	
18	A15C7-11200	Brake pedal	1	
19	A30B7-11002	Nylon	1	
20	GB/T91	2×16 Pin	1	
21	GB/T97. 1	8 Washer	2	
22	GB/T91	3.2×14 Pin	1	
23	GB/T882	8×30 Pin	1	

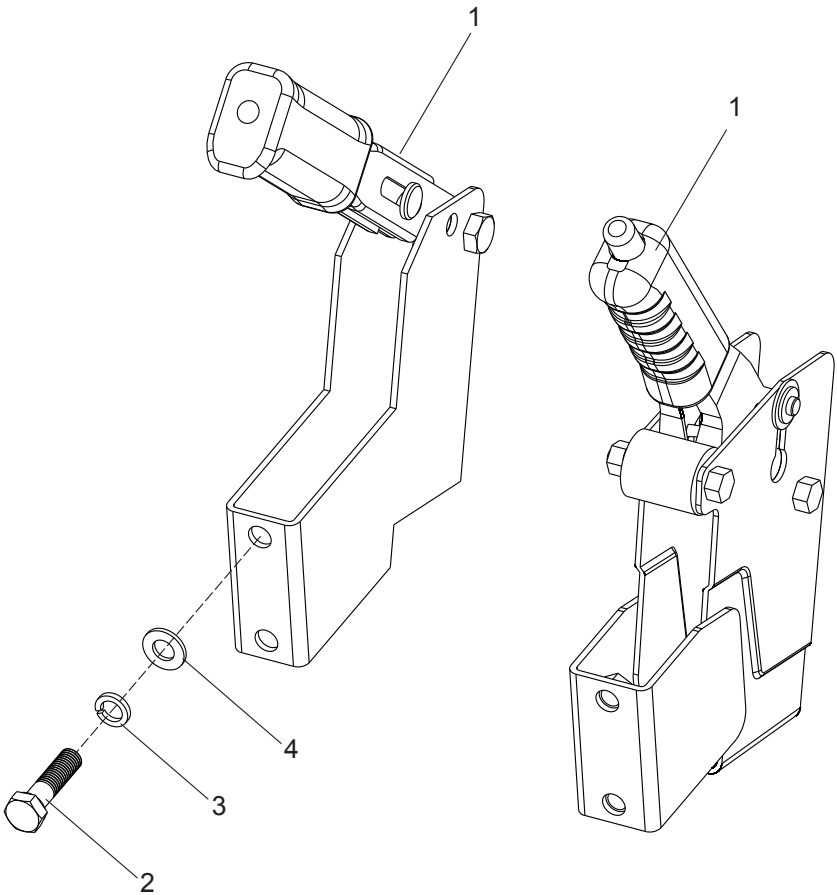
Brake & clutch control (clutch-type)



Brake & clutch control (clutch-type)

Item	Part No	Description	Q'ty	Remark
24	GB/T5783	M10×25 Bolt	2	
25	GB/T6170	M10 Nut	4	
26	GB/T91	4×25 Pin	1	
27	GB/T97.1	10 Washer	1	
28	A15C7-11400	Pin, clevis	1	
29	A15C7-11501	Rod	1	
30	GB/T97.1	12 Washer	2	
31	A15C7-11502	Spring	1	
32	A30A7-11503	M12×1.25 Nut	1	
33	GB/T6171	M12×1.25 Nut	1	
34	GB/T5783	M10×35 Bolt	2	
35	GB/T93	10 Washer,lock	6	
36	GB/T5783	M10×30 Bolt	4	

Brake lever

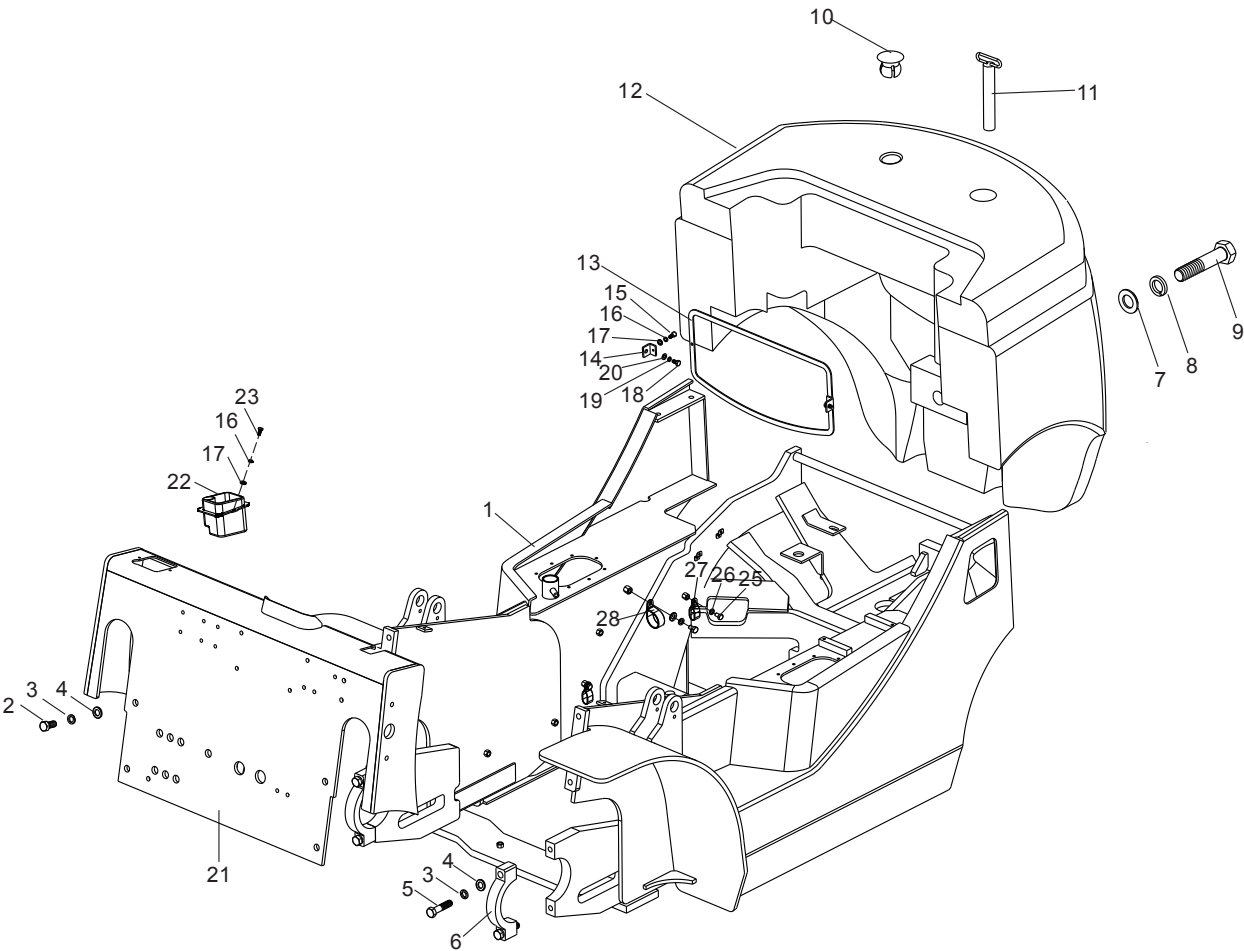


Brake lever

Item	Part No	Description	Q'ty	Remark
1	A30A7-21000	Hand brake assy	1	
1	A30A7-20100	Push button hand brake	1	
2	GB/T5783	M10×25 Bolt	2	
3	GB/T93	10 Washer, lock	2	
4	GB/T97. 1	10 Washer	2	

BODY SYSTEM

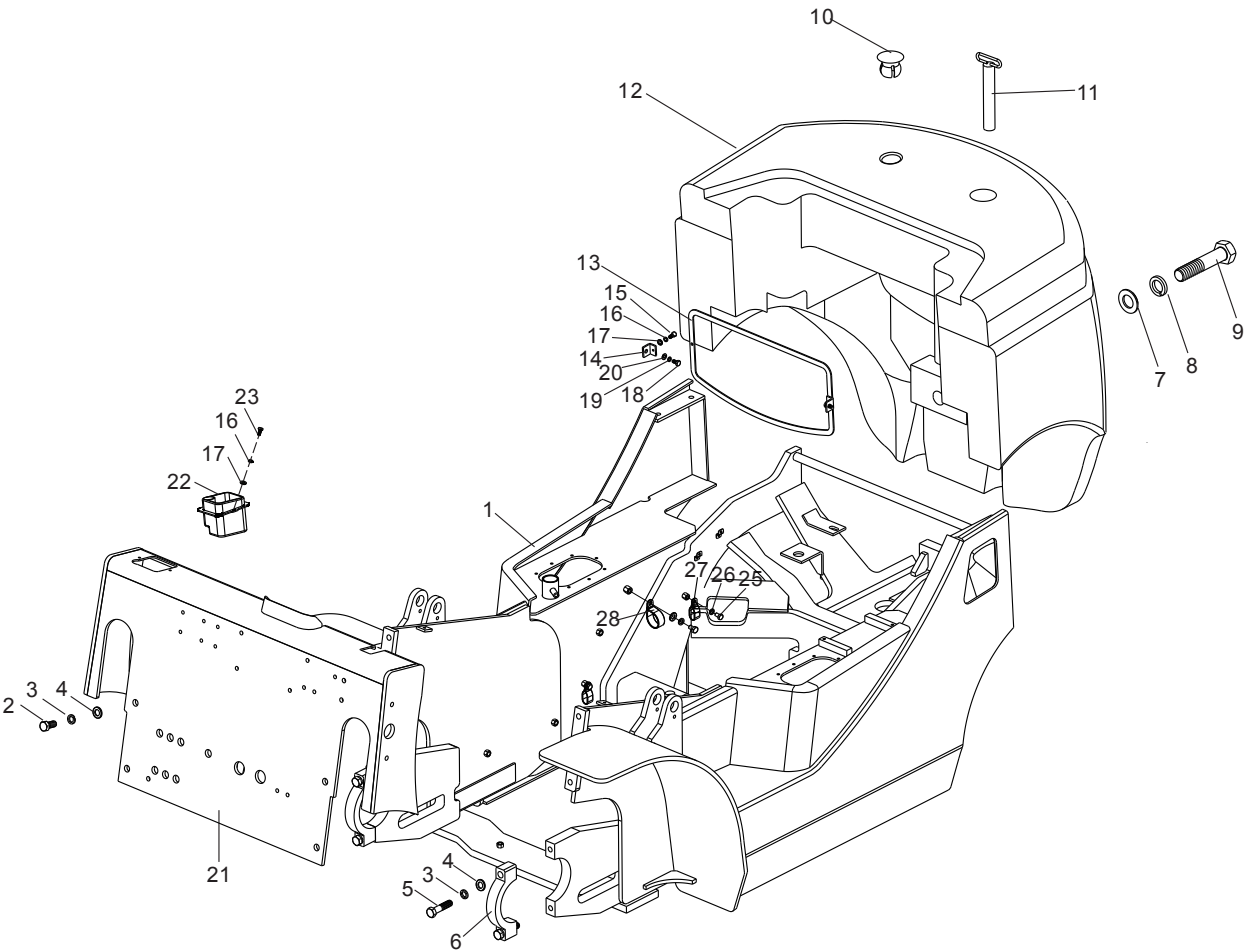
Frame & counter weight



Frame & counter weight

Item	Part No	Description	Q'ty	Remark
1	D15C1-10500	Frame	1	FD10,15,18-X11
–	D15E1-10000	Frame	1	FD10,15,18-W1
–	D15F1-10000	Frame	1	FY10,15,18-R1
–	D15Q1-10100	Frame	1	FY10,15,18-S6
2	GB/T5785	M16×1.5×35 Bolt	4	
3	GB/T93	16 Washer,lock	8	
4	GB/T97.1	16 Washer	8	
5	GB/T5785	M16×1.5×75 Bolt	4	
6	M15A3-00001	Cap	2	
7	GB/T97.1	36 Washer	1	
8	GB/T93	36 Washer	1	
9	GB/T5782	M36×140 Bolt	1	
10	D30A1-50002	Weight cover	2	
11	D30A1-50100	Pin	1	
12	D10C1-50001	Balance	1	1.0t
–	D15C1-50001	Balance	1	1.5t
–	D18C1-50001	Balance	1	1.8t
–	D10C1-50002	Balance	1	1.0t
–	D15C1-50002	Balance	1	1.5t
–	D18C1-50002	Balance	1	1.8t
13	D15C1-50100	Balance net	1	1-1.8t
–	D18C1-50100	Balance net	1	1-1.8t
14	D30A1-50003	Bracket	2	
15	GB/T5783	M6×15 Bolt	2	
16	GB/T93	6 Washer	4	
17	GB/T97.1	6 Washer	4	

Frame & counter weight



Frame & counter weight

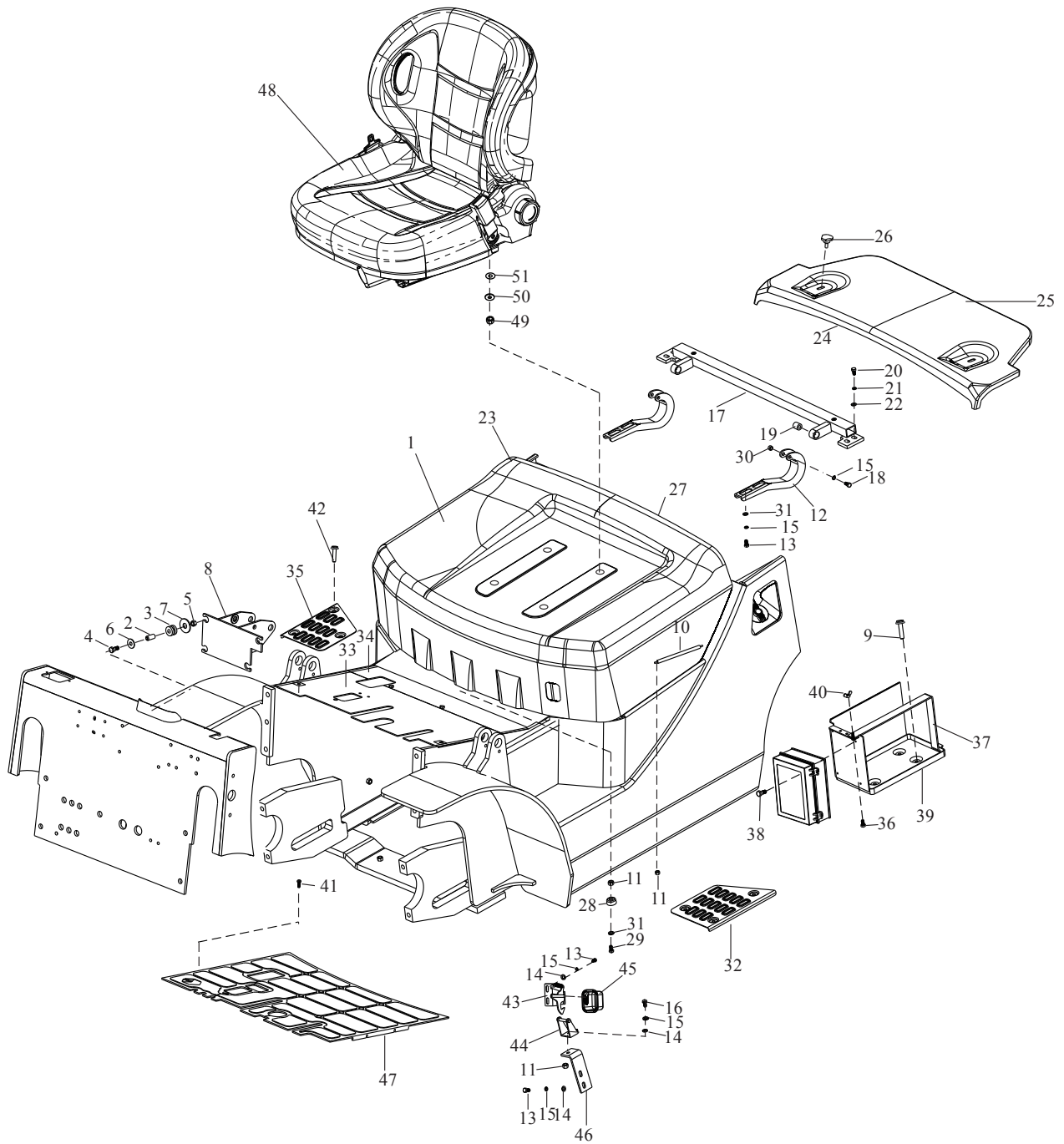
Item	Part No	Description	Q'ty	Remark
18	GBT5783	M8×15 Bolt	2	
19	GB/T93	8 Washer	2	
20	GB/T97.1	8 Washer	2	
21	D15C1-10900	Plate	1	
—	D15C1-10800	Plate	1	
22	D30C1-10001	Tool boxes	1	
23	D30C1-20009	M6×16 Screw	2	
24	D30A1-11008	Clip	10	
25	GB/T5783	M10×16 Bolt	11	
26	GB/T93	10 Washer,lock	11	
27	D30A1-11002	Clip	1	

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Hood、Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
1	D15C1-20200	Bonnet ass'y	1	
2	A30A7-40001	Pipe	4	
3	D30A1-20002	Rubber	4	
4	GB/T5783	M10×45 Bolt	4	
5	GB/T889.1	M10 Nut	4	
6	GB/T97.1	10 Washer	8	
7	A30A5-20003	Washer	4	
8	D30C1-11100	Bracket	1	
9	GB/T5787	M8×12 Bolt	2	
10	D30C1-20008	Shock,absorber	1	
11	GB/T6170	M8 Nut	5	
12	D15C1-20004	Hinge	2	
13	GB/T5783	M8×20 Bolt	8	
14	GB/T97.1	8 Washer	5	
15	GB/T93	8 Washer,lock	11	
16	GB/T5783	M8×25 Bolt	1	
17	D15C1-20100	Bracket	1	FD10,15,18-X11/W1 FY10,15,18-R1
-	D15Q1-20100	Bracket	1	FY10,15,18-S6
18	D30A1-20004	Bolt	2	
19	D30A1-20005	Bushing	2	
20	GB/T5783	M10×25 Bolt	4	
21	GB/T93	10 Washer,lock	4	
22	GB/T97.1	10 Washer	4	
23	D30C1-20202	Hood insulation pad	1	
24	D30A1-20010	2 Gasket	1	

Hood, Floor Board & Seat



Hood、Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
25	D15C1-20001	Radiator cover	1	FY10,15,18-S6
26	D30A1-20009	Screw	2	
27	D30A1-20007	1 Gasket	1	
28	D30A1-20011	Packing	2	
29	GB/T5783	M8×40 Bolt	2	
30	GB/T889.1	M8 Nut	2	
31	GB/T96	8 Washer	6	
32	D30C1-20003	Pedal(L.H)	1	
33	D15C1-20410	Floor board ass'y	1	
–	D15C1-20510	Floor board ass'y	1	
–	D15Q1-20200	Floor board ass'y	1	
34	D15C1-20420	Back board	1	
–	D15C1-20520	Back board	1	
35	D30C1-20004	Pedal(R.H)	1	
36	GB/T5783	M6×20 Bolt	1	
37	D30C1-20502	Bracket	1	
38	GB/T818	M4×25 Screw	4	
39	D30C1-20510	Box	1	
40	GB/T62	M6 Nut	1	
41	D30A1-20003	M8×16 Screw	4	
42	GB/T5787	M8×8 Bolt	6	
43	D30A1-20720	Hook	1	
44	D30A1-20710	Hook	1	
45	D30A1-20701	Hook box	1	

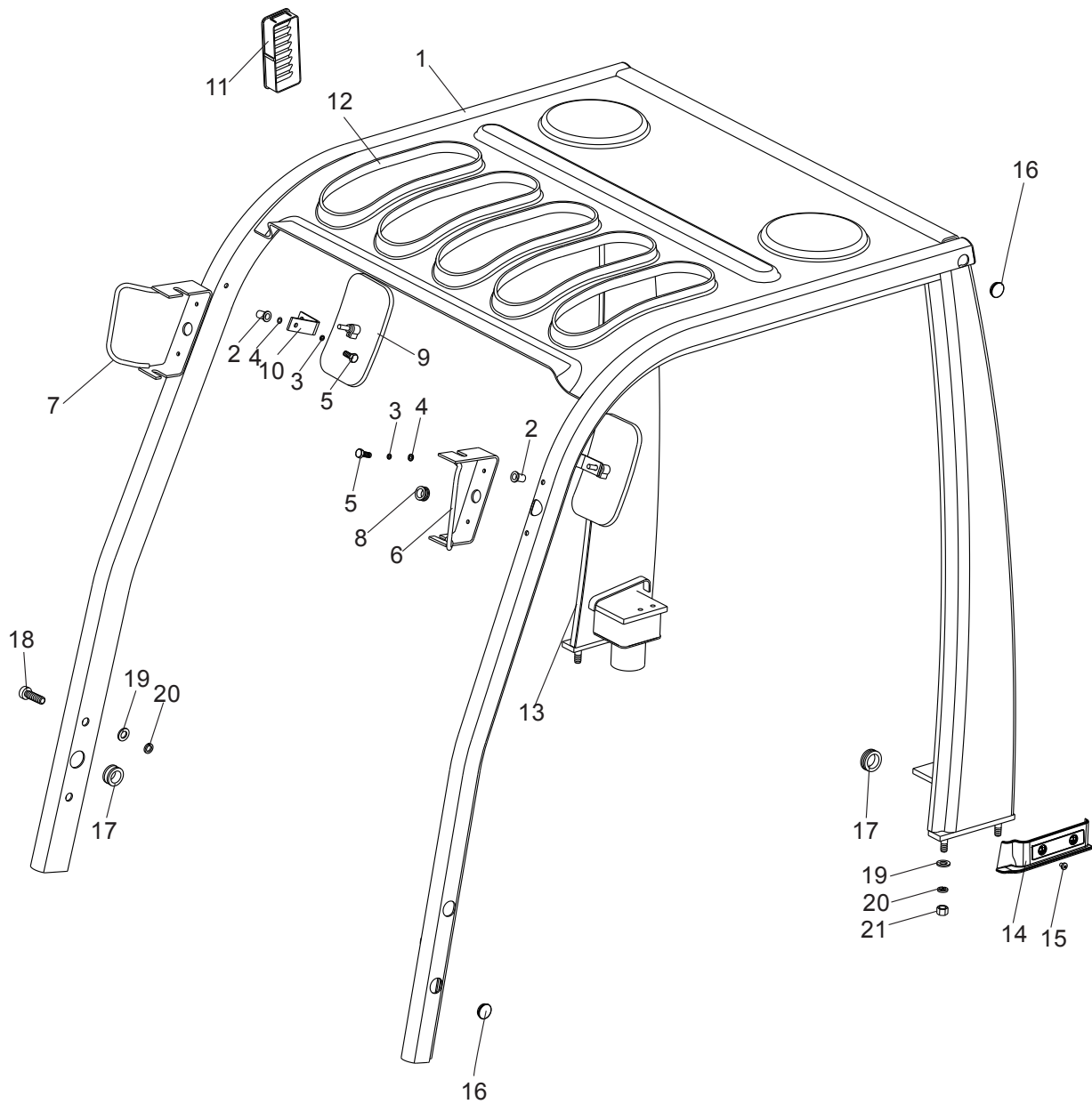
This exploded view diagram illustrates the assembly of a vehicle seat. The central component is the seat base (1), which includes a backrest (23) and a seat cushion (27). The backrest is shown in a reclined position. The seat cushion is supported by a frame (10) and a base plate (47). The seat is equipped with a headrest (48) and a footrest (46). The diagram shows the following components and their assembly sequence:

- Seat Base (1):** The main structural component.
- Backrest (23):** The upper part of the seat, shown in a reclined position.
- Seat Cushion (27):** The lower part of the seat, supported by a frame (10) and a base plate (47).
- Headrest (48):** The uppermost part of the seat, shown in a reclined position.
- Footrest (46):** The lowermost part of the seat, shown in a reclined position.
- Assembly Callouts:**
 - 49, 50, 51: Screws for the headrest.
 - 24, 25: Headrest cover and base.
 - 20, 21, 22: Screws for the headrest base.
 - 17: A bracket or support arm.
 - 19, 30, 31, 15, 13: Screws and bolts for the backrest assembly.
 - 12: A bracket or support arm.
 - 8, 35, 33, 34: Components for the seat cushion assembly.
 - 4, 6, 2, 3, 7, 5: Screws and bolts for the seat cushion.
 - 9, 40, 37, 39, 36: Components for the footrest assembly.
 - 38: A bracket or support arm.
 - 32: A small rectangular component, possibly a control panel or sensor.
 - 41, 43, 44, 11, 13, 15, 14, 45, 16, 15, 14: Various screws, bolts, and brackets for the base and footrest.

Hood、Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
46	D50C1-20007	Locks Support	1	
47	D15C1-20003	Mat-floor	1	
-	D15C1-20002	Mat-floor	1	
48	A30A1-00100	BF2 Seat	1	
-	A30A1-00500	BF2 Seat	1	
-	A30A1-00400	Seat	1	
-	A30A1-00300	BF2 Seat	1	OPS
-	A30A1-00600	BF2 Seat	1	OPS
-	A30A1-00800	BF5 Seat	1	OPS
-	A30A1-01000	BF5 Seat	1	OPS
-	A30A1-00700	BF5 Seat	1	CE
-	A30A1-00900	BF5 Seat	1	CE
49	GB/T6170	M8 Nut	4	
50	GB/T93	8 Washer,lock	4	
51	GB/T97.1	8 Washer	4	

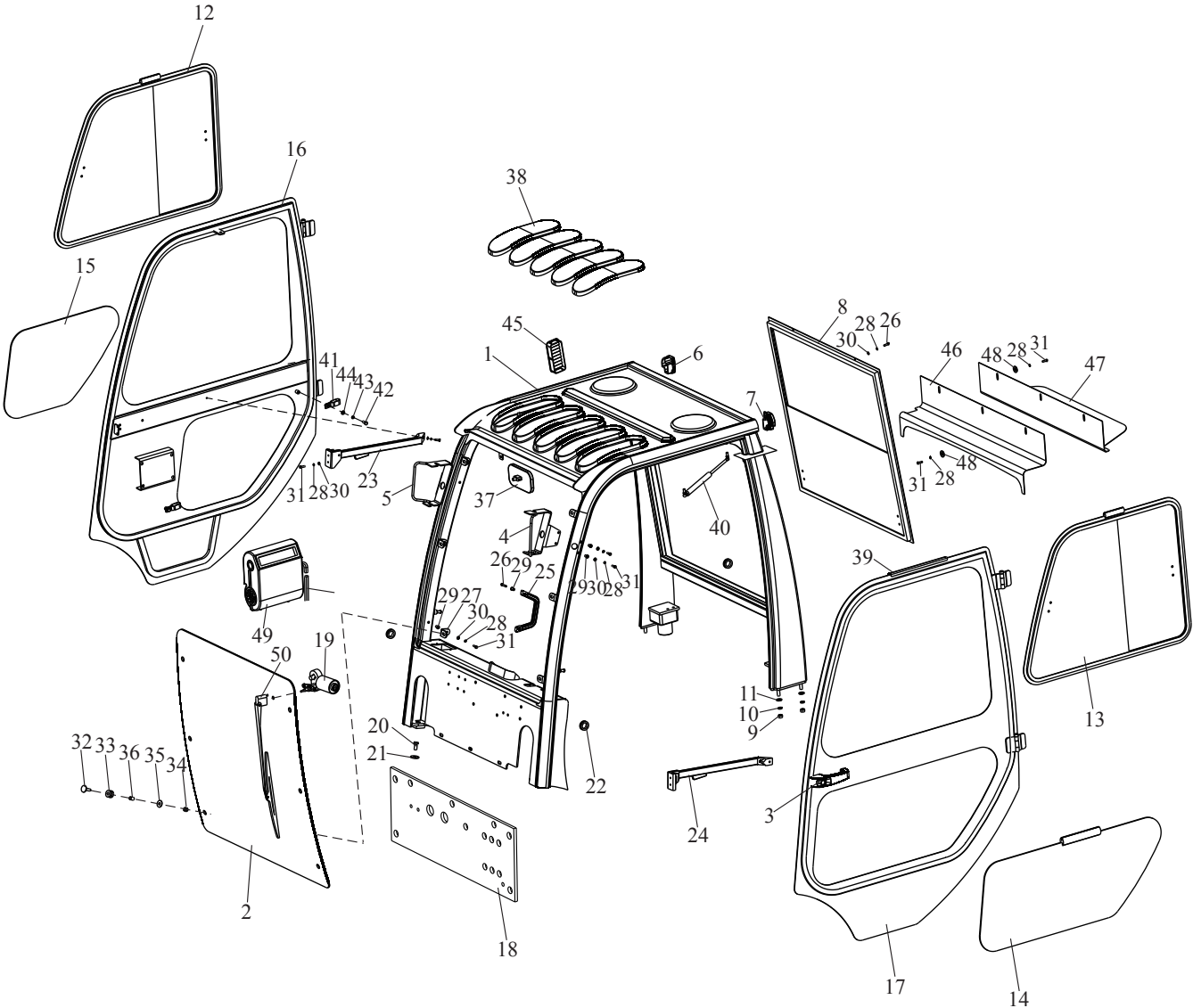
Head guard



Head guard

Item	Part No	Description	Q'ty	Remark
1	D15C1-30100	Overhead guard	1	
2	D30C1-30001	M6 Nut	6	
3	GB/T93	6 Washer,lock	6	
4	GB/T97.1	6 Washer	6	
5	GB/T5783	M6×25 Bolt	6	
6	D30A1-30700L	Guard,lamp F L.H.	1	
7	D30A1-30700R	Guard,lamp F R.H.	1	
8	D30A1-30004	I Grommet	2	
9	D30A1-30800	Back-mirror	2	
10	D30A1-30002	Guard	2	
11	D30A1-30003	Cover	1	
12	D30C1-30002	Rain cover	5	
13	D30C1-20009R	Head guard back cover	1	
14	D30C1-20009L	Head guard back cover	1	
15	GB/T823	M6×8 Screw	4	
16	D30A1-20001	Weight cover	5	
17	D30A1-30005	II Grommet	3	
18	GB/T5783	M12×25 Bolt	4	
19	GB/T93	12 Washer,lock	8	
20	GB/T96	12 Washer	8	
21	GB/T6170	M12 Nut	4	

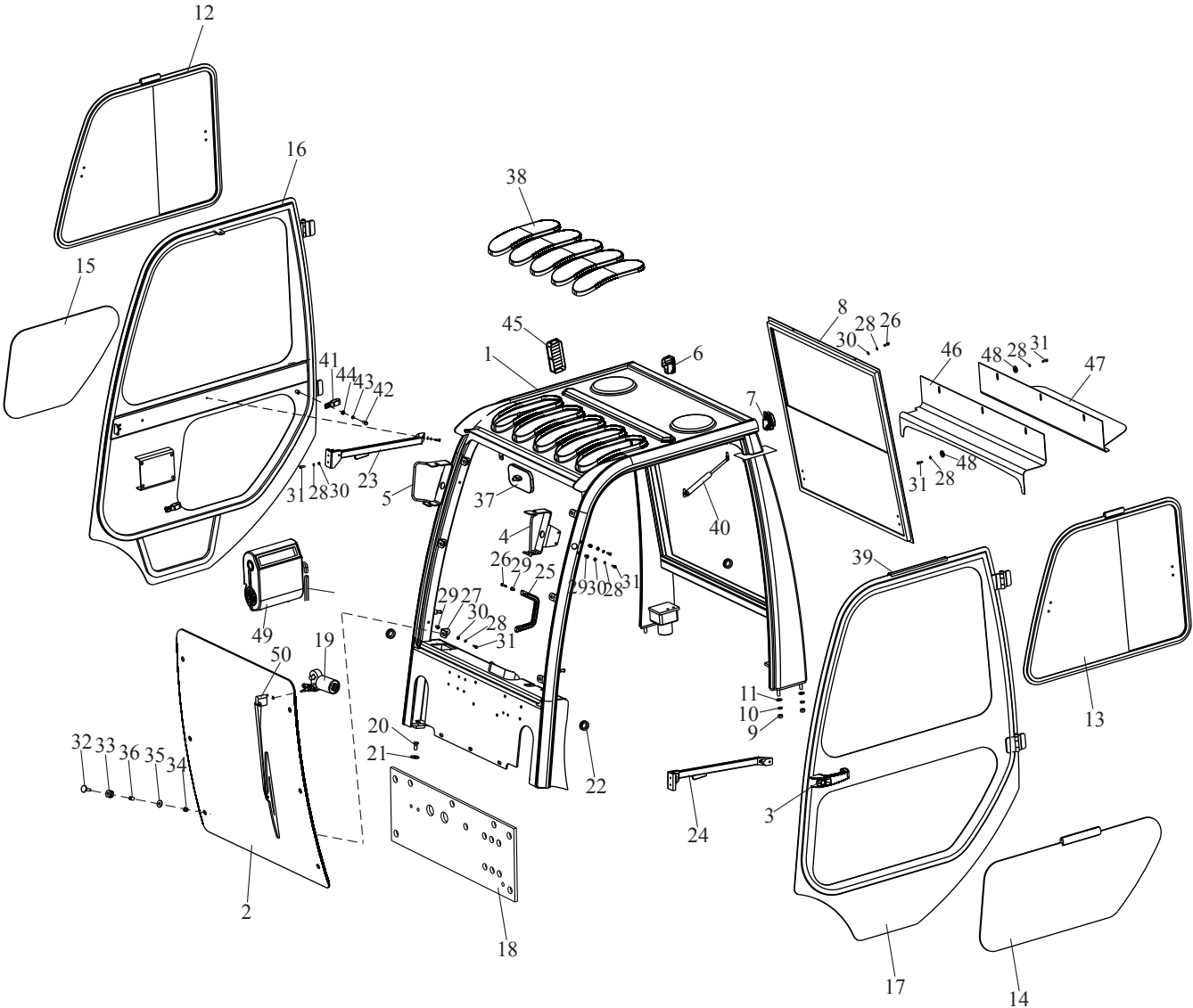
Cab ass'y (option)



Cab ass'y (option)

Item	Part No	Description	Q'ty	Remark
1	D15E1-40100	Cab frame	1	
2	D15E1-30001	Front windshield	1	
3	D30D1-40005	Lock ass'y	2	
4	D30D1-30500L	Guard,lamp F L.H.	1	
5	D30D1-30500R	Guard,lamp F R.H.	1	
6	D30D1-30004R	Rear cover R.H.	1	
7	D30D1-30004L	Rear cover L.H.	1	
8	D15D1-30002	Sash window	1	
9	GB/T6170	M12 Nut	4	
10	GB/T93	12 Washer,lock	4	
11	GB/T97.2	12 Washer	4	
12	D15E1-40004	Sash window R.H.	1	
13	D15E1-40003	Sash window L.H.	1	
14	D15E1-40001	Left door glass	1	
15	D15E1-40002	Right door glass	1	
16	D15E1-40400	Right frame ass'y	1	
17	D15E1-40300	Left frame ass'y	1	
18	D15C1-10900T	Plate	1	
19	08-DF01-0007-02	Wiper motor	1	
20	GB/T5783	M12×25 Bolt	2	
21	GB/T96.1	12 Washer	2	
22	D30A1-30005	Grommet	3	
23	D30D1-40010	Handle R.H.	1	
24	D30D1-40009	Handle L.H.	1	
25	D30A1-30600	Handle ass'y	1	

Cab ass'y (option)

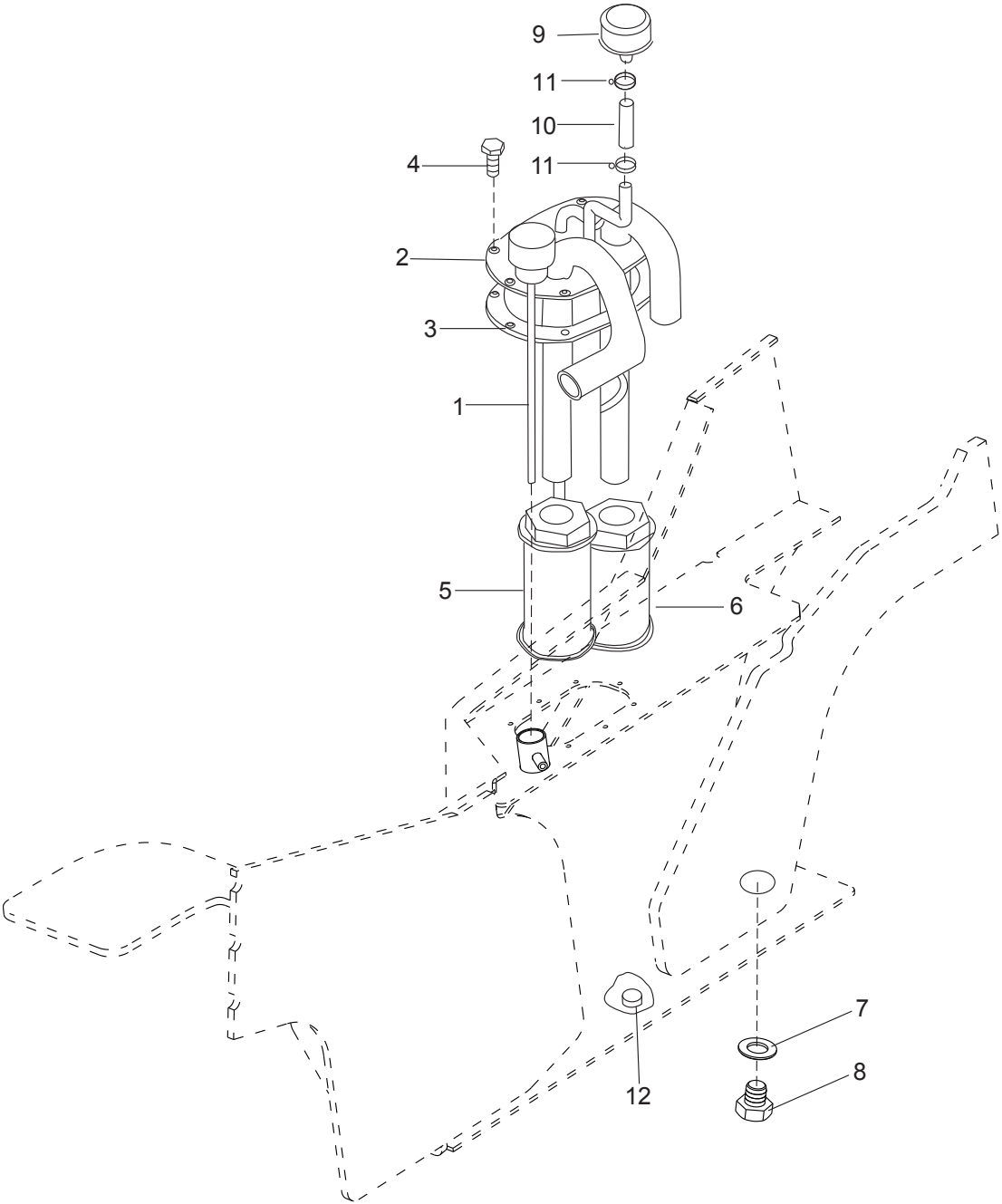


Cab ass'y (option)

Item	Part No	Description	Q'ty	Remark
26	GB/T70.1	M6×30 Screw	10	
27	D30D1-30002	Bracket	6	
28	GB/T93	6 Washer,lock	27	
29	D30C1-30001	Nut	12	
30	GB/T97.2	6 Washer	21	
31	GB/T5783	M6×20 Bolt	19	
32	D30D1-30003	Bolt	6	
33	D30A1-20002	Rubber	6	
34	GB/T6182	M10 Nut	6	
35	A30A5-20003	Plate	6	
36	A30A7-40001	Coller	6	
37	D30A1-30800	Back-mirror	1	
38	D30C1-30002	Rain cover	5	
39	D30A1-20010	2 Gasket	1	
40	D30D1-40008	Shock,absorber	2	
41	D30A1-11008	5 Pipe clamp	2	
42	GB/T5783	M8×15 Bolt	2	
43	GB/T93	8 Washer,losk	2	
44	GB/T95	8 Washer	2	
45	D30A1-30003	Cover	1	
46	D15E1-40600	Radiator cover F	1	
47	D15E1-40500	Radiator cover R	1	
48	GB/T96.1	6 Washer	6	
49	FD30C-30100	Fan heater	1	
50	08-DF01-0007-01	Wiper blade	1	

HYDRAULIC SYSTEM

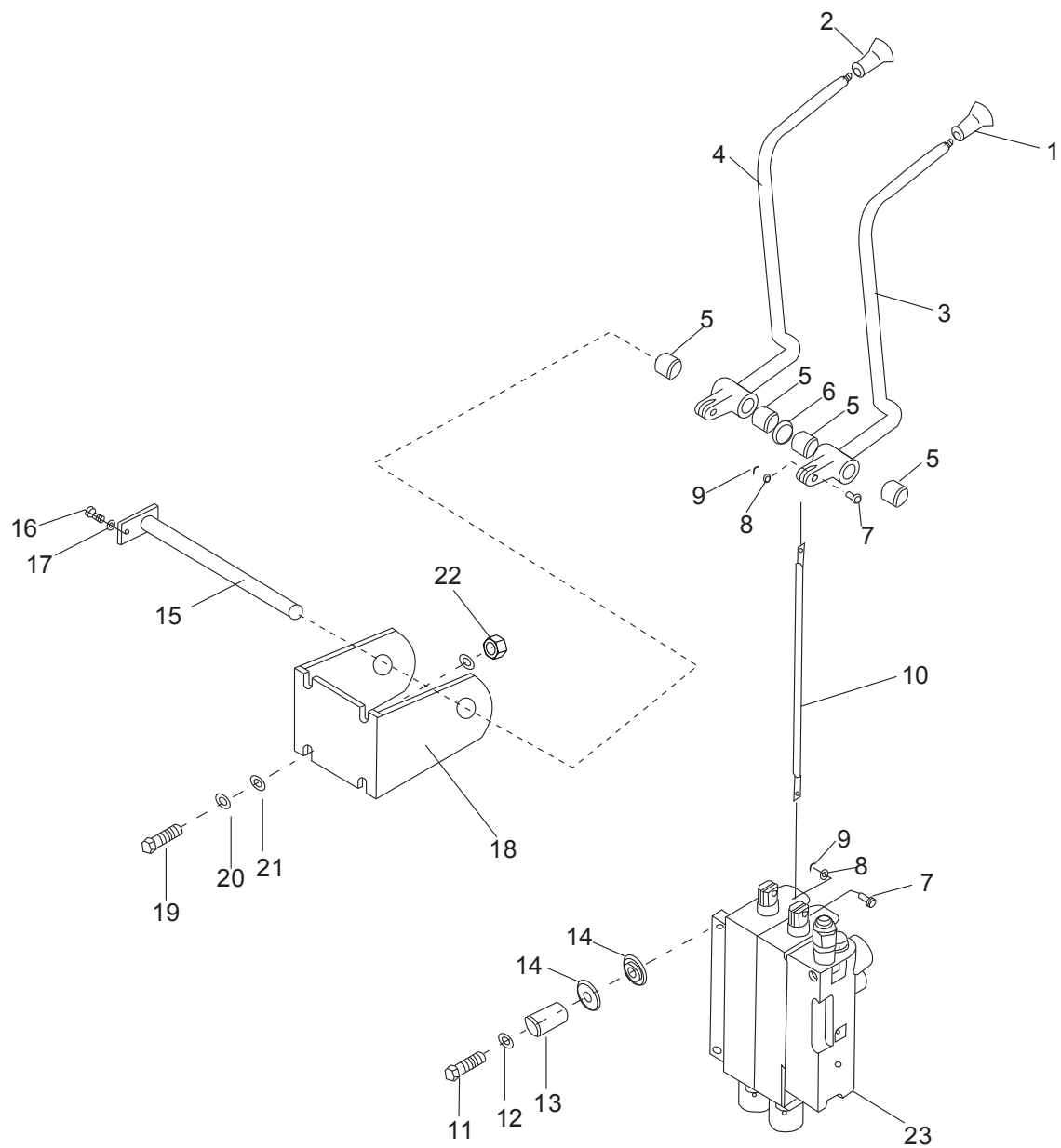
Oil tank



Oil tank

Item	Part No	Description	Q'ty	Remark
1	A30A4-50100	Oiling cap ass'y	1	FD10,15,18-X11/W1 FY10,15,18-R1 FY10,15,18-S6
2	A38P4-50200	Coverplate ass'y	1	
–	A15Q4-50100	Coverplate ass'y	1	
3	A30A5-30003	Cover, gasket	1	
4	GB/T5787	M8×16 Bolt	8	
5	A30A4-50300	Strainer	1	
6	A30A4-50400	Strainer	1	
7	A30A4-50004	ED26 Sealing ring	1	
8	A30A4-50002	Plug, drain	1	
9	A30A4-50500	Breather	1	
10	TG000-10010	10×100 Hose	1	
11	JB/T8870	25×16 Clip	2	
12	A30A4-50003	Magnet	1	

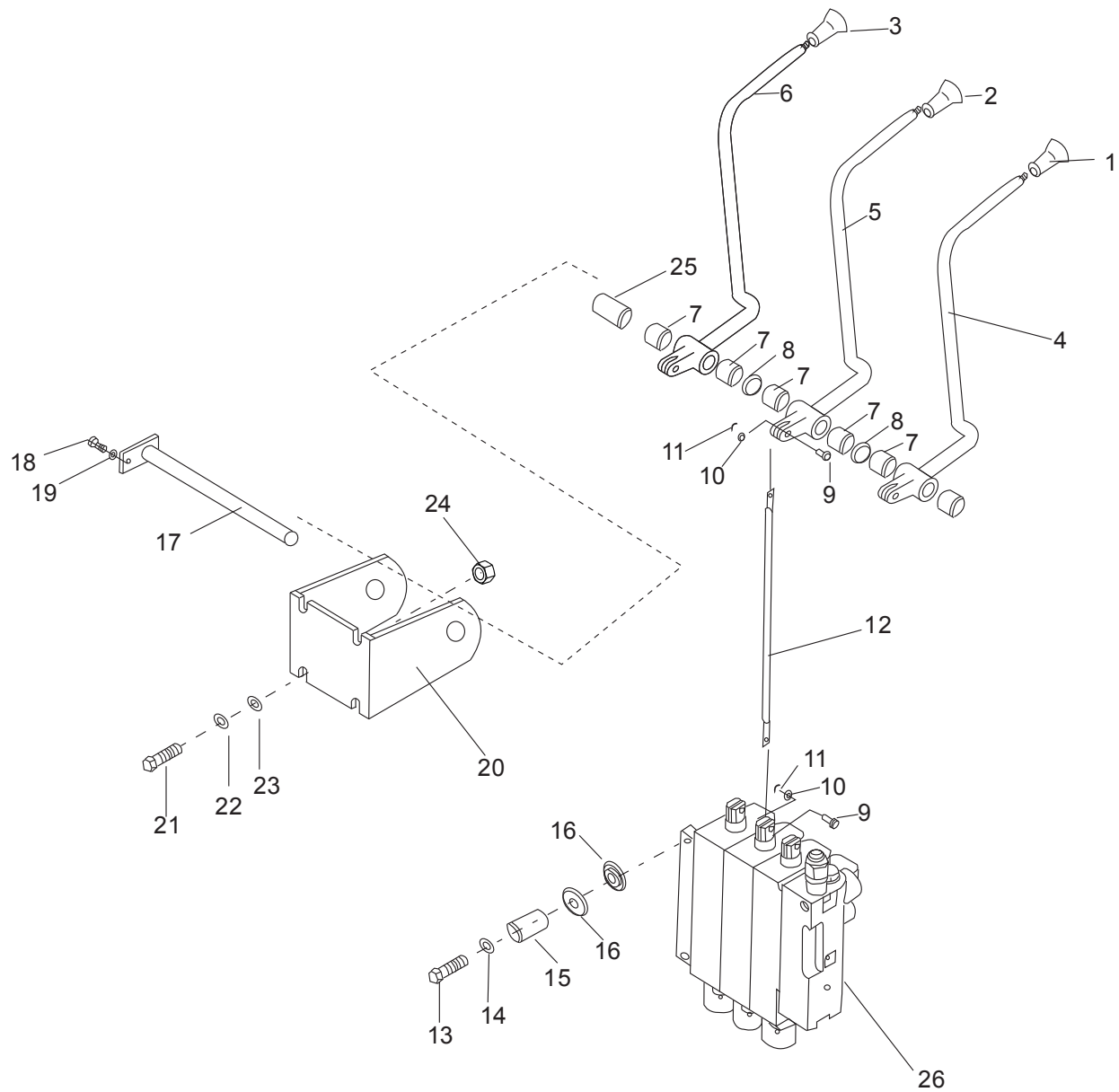
Valve control (two-throw)



Valve control (two-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30C7-40210	Level, lift	1	
4	A30C7-40220	Level, tilt	1	
5	A30C7-40004	1615 Bushing	4	
6	A30C7-40005	Washer	1	
7	A30C7-40001	Pin	4	
8	GB/T97.1	6 Washer	4	
9	GB/T91	1.6×20 Pin, cotter	4	
10	A30C7-40002	Joint	2	
11	GB/T5786	M10×1.25×35 Bolt	3	
12	A30A5-20003	Plate	3	
13	A30A7-40001	Coller	3	
14	A30A7-40002	Rubber	6	
15	A30C7-40110	Shaft, valve	1	
16	GB/T5783	M6×10 Bolt	1	
17	GB/T93	6 Washer ,lock	1	
18	A30C7-40026	Bracket, valve lever	1	
19	GB/T5783	M8×25 Bolt	4	
20	GB/T937	8 Washer ,lock	4	
21	GB/T97.1	8 Washer	8	
22	GB/T6170	M8 Nut	4	
23	A15C4-30000*2	Control ass'y	1	
-	A15B4-30000*2	Control ass'y	1	

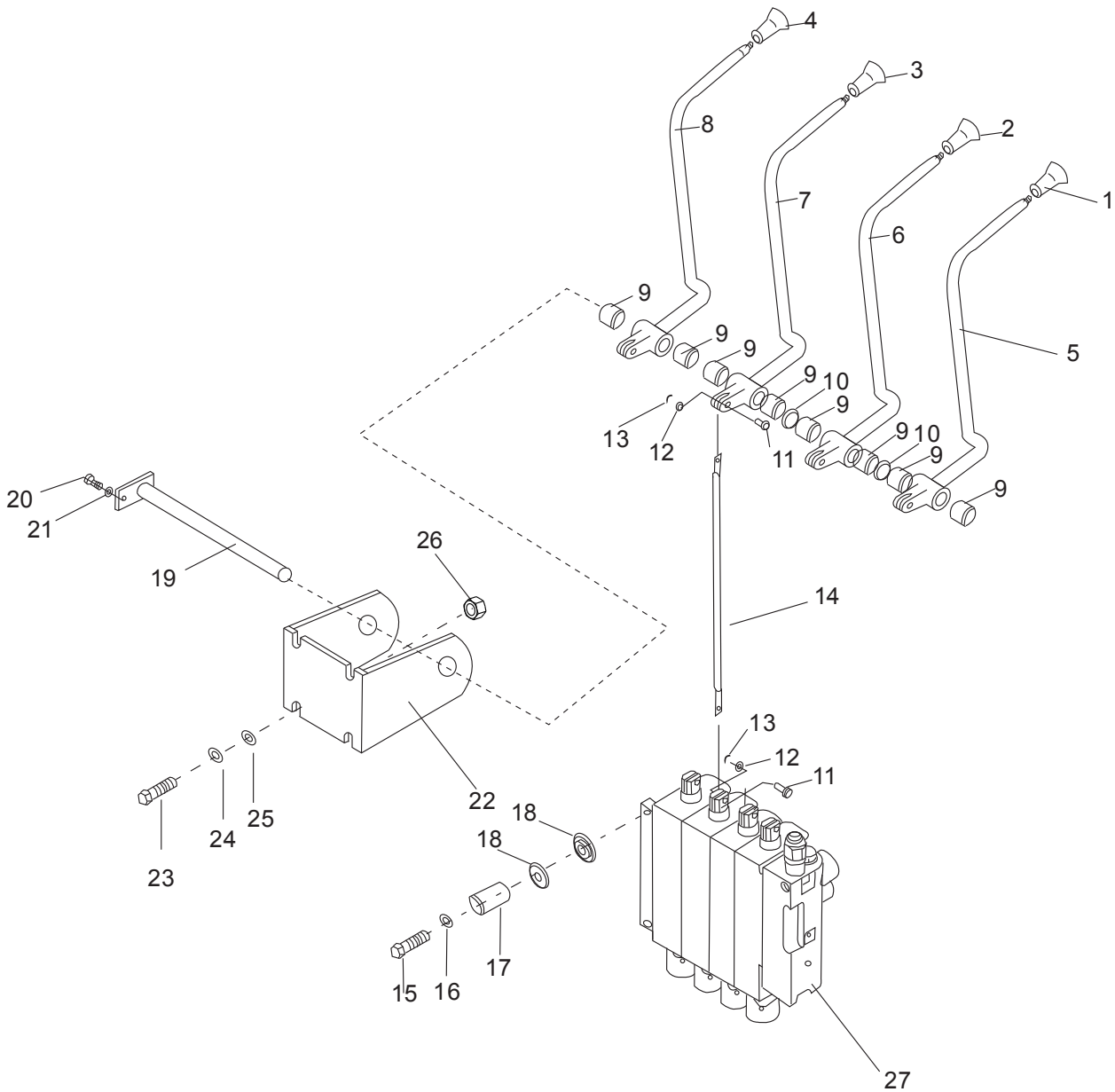
Valve control (three-throw)



Valve control (three-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A30C7-40210	Level, lift	1	
5	A30C7-40220	Level, tilt	1	
6	A30C7-40230	Lever, third	1	
7	A30C7-40004	1615 Bushing	6	
8	A30C7-40005	Washer	2	
9	A30C7-40001	Pin	6	
10	GB/T97.1	6 Washer	6	
11	GB/T91	1.6×20 Pin, cotter	6	
12	A30C7-40002	Joint	3	
13	GB/T5786	M10×1.25×35 Bolt	3	
14	A30A5-20003	Plate	3	
15	A30A7-40001	Coller	3	
16	A30A7-40002	Rubber	6	
17	A30C7-40120	Shaft, valve	1	
18	GB/T5783	M6×10 Bolt	1	
19	GB/T93	6 Washer ,lock	1	
20	A30C7-40036	Bracket, valve lever	1	
21	GB/T5783	M8×25 Bolt	4	
22	GB/T937	8 Washer ,lock	4	
23	GB/T97.1	8 Washer	8	
24	GB/T6170	M8 Nut	4	
25	A30C7-40003	Coller	1	
26	A15C4-30000*3	Control ass'y	1	
—	A15B4-30000*3	Control ass'y	1	

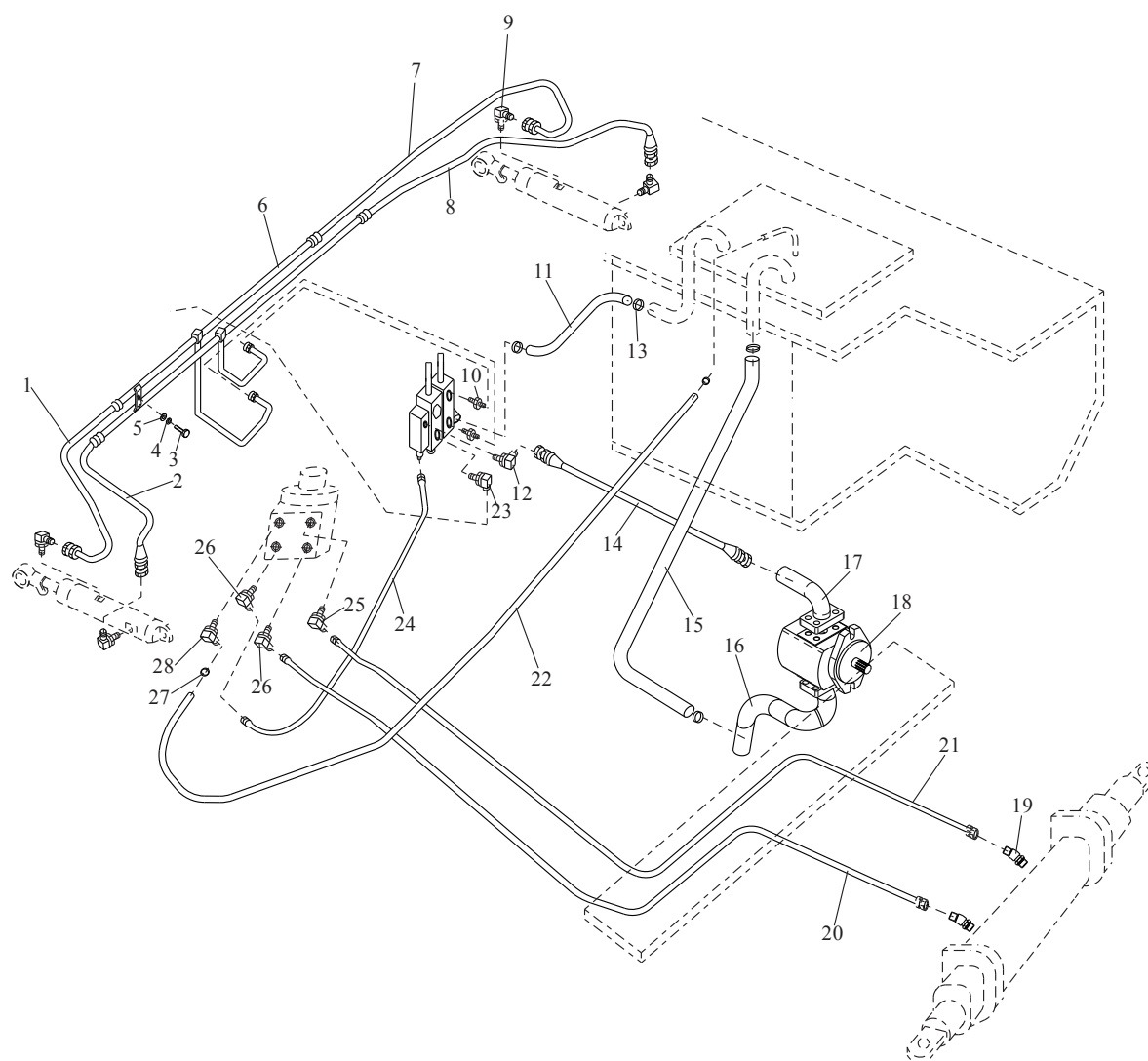
Valve control (four-throw)



Valve control (four-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A30A7-40006	Knob, clamp	1	
5	A30C7-40210	Level, lift	1	
6	A30C7-40220	Level, tilt	1	
7	A30C7-40230	Lever, third	1	
8	A30C7-40240	Lever, fourth	1	
9	A30C7-40004	1615 Bushing	8	
10	A30C7-40005	Washer	2	
11	A30C7-40001	Pin	8	
12	GB/T97.1	6 Washer	8	
13	GB/T91	1.6×20 Pin, cotter	8	
14	A30C7-40002	Joint	4	
15	GB/T5786	M10×1.25×35 Bolt	3	
16	A30A5-20003	Plate	3	
17	A30A7-40001	Coller	3	
18	A30A7-40002	Rubber	6	
19	A30C7-40120	Shaft, valve	1	
20	GB/T5783	M6×10 Bolt	1	
21	GB/T93	6 Washer ,lock	1	
22	A30C7-40036	Bracket, valve lever	1	
23	GB/T5783	M8×25 Bolt	4	
24	GB/T937	8 Washer ,lock	4	
25	GB/T97.1	8 Washer	8	
26	GB/T6170	M8 Nut	4	
27	A15C4-30000*4	Control ass'y	1	
-	A15B4-30000*4	Control ass'y	1	

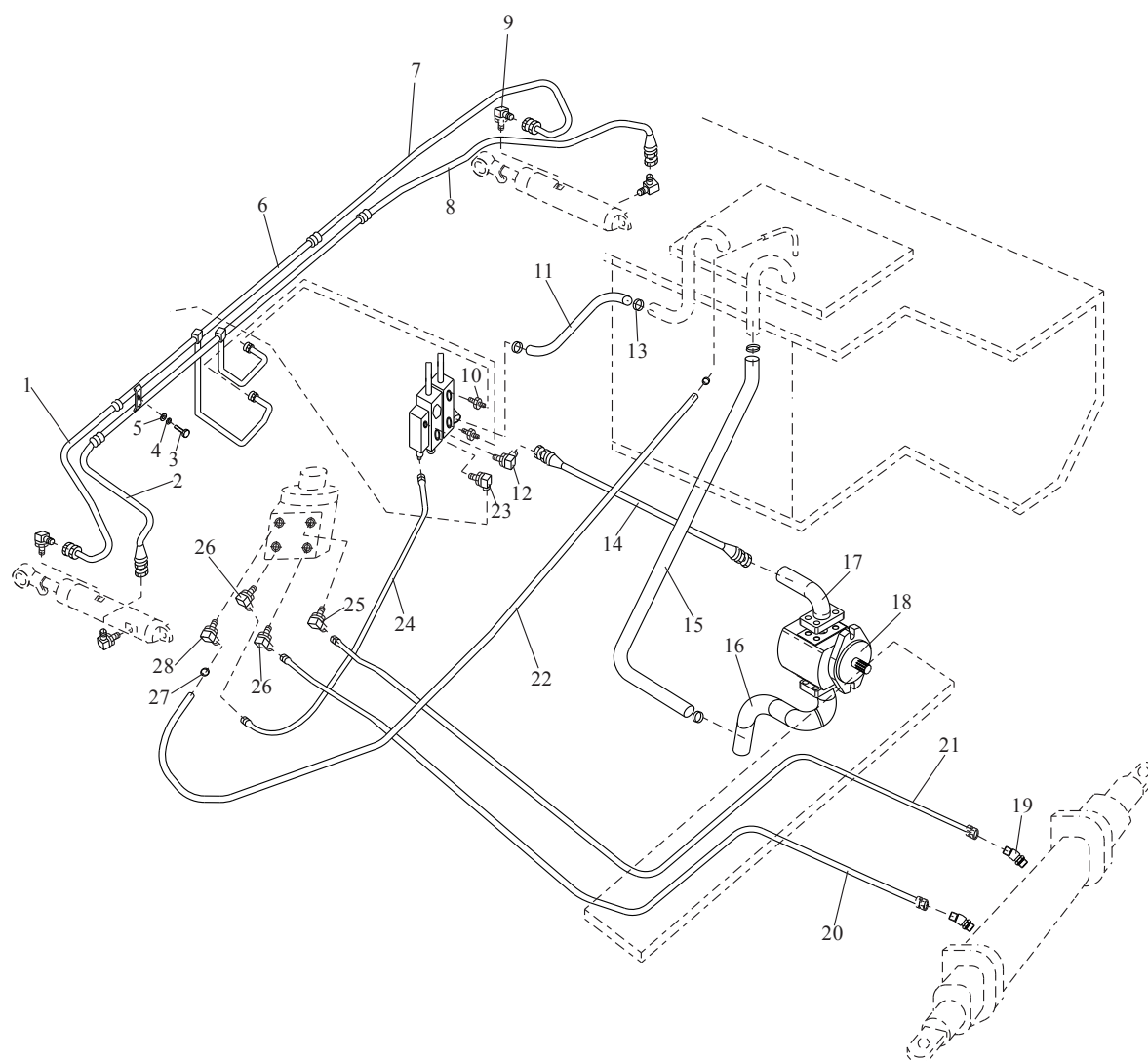
Hydraulic pipeline(EX-B) FD10,15,18-X11



Hydraulic pipeline(EX-B) FD10,15,18-X11

Item	Part No	Description	Q'ty	Remark
1	TGLBII-08033-H35*J	8II×330 Hose H. P	1	
2	TGIBII-08034*J	8II×340 Hose H. P	1	
3	GB/T5783	M10×30 Bolt	1	
4	GB/T93	10 Washer,lock	1	
5	GB/T97.1	10 Washer	1	
6	A30C4-00100	Steel pipe ass'y	1	
7	TGLBII-08036-H35*J	8II×360 Hose H. P	1	
8	TGIBII-08038*J	8II×380 Hose H. P	1	
9	GJT-05-00	Elbow	4	
10	GJT-18-00	Nipple	2	
11	A30C4-00001	Hose	1	
12	GJT-20-00	Elbow	1	
13	TK000-32050	32- φ 50 Clip	4	
14	TGIBII-13117*G	13II×1170 Hose H. P	1	
15	A15C4-00001	Hose L. P.	1	
16	GJT-154-00	Flange	1	
17	GJT-155-00	Flange	1	
18	A15C4-20000	CBT-F432-AFHL Gear pump	1	
19	GJT-17-00	Nipple	2	
20	TGIBI-08150*G	8I×1500 Hose H. P	1	
21	TGIBI-08170*G	8I×1700 Hose H. P	1	
22	TG000-13140	13×1400 Hose L.P.	1	
23	GJT-19-00	Elbow	1	
24	TGUBI-08021-H55h55*G	8I×215 Hose H.P.	1	

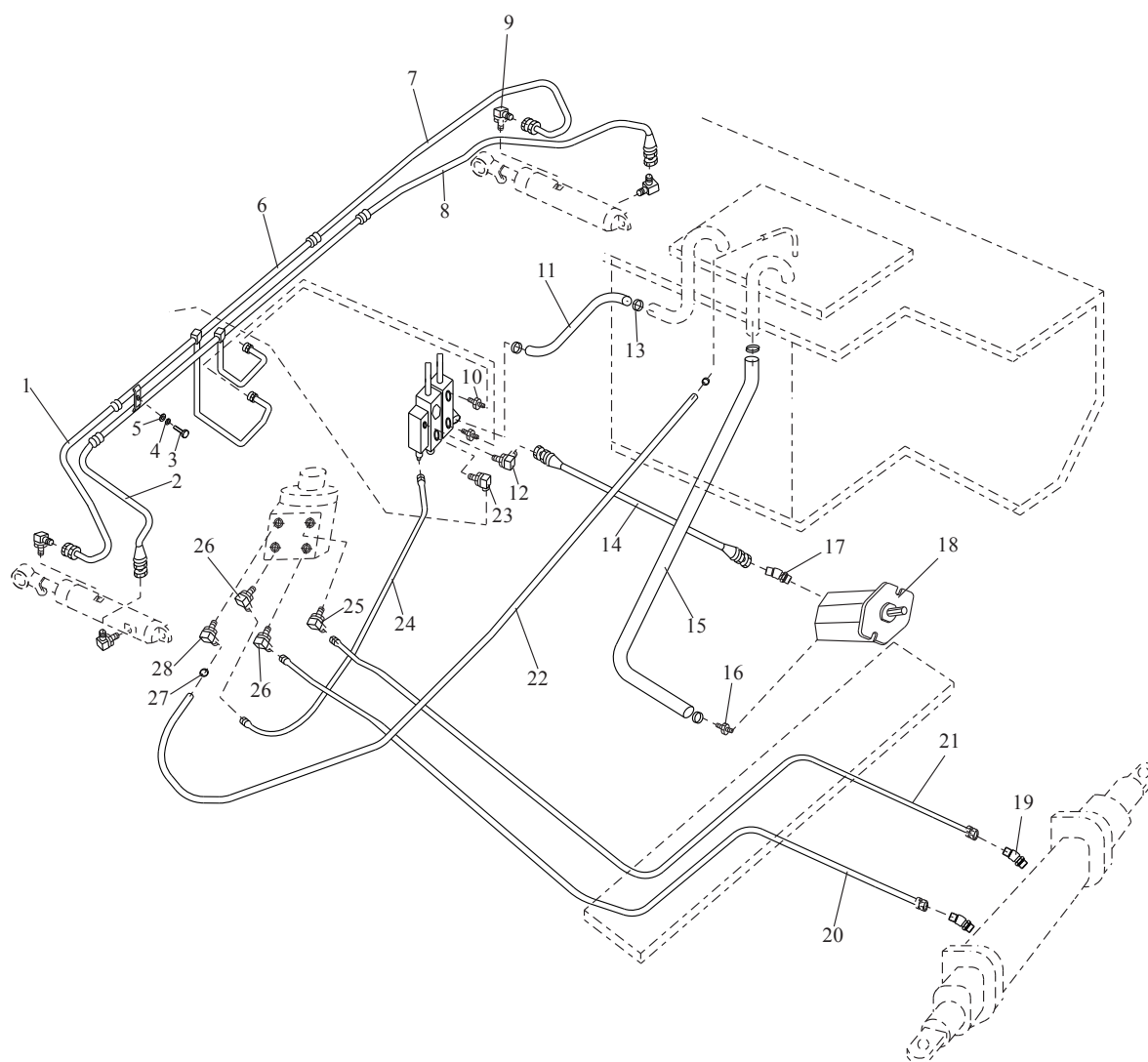
Hydraulic pipeline(EX-B) FD10,15,18-X11



Hydraulic pipeline(EX-B) FD10,15,18-X11

Item	Part No	Description	Q'ty	Remark
25	GJT-11-00	Elbow	1	
-	GJT-11-00	Elbow	2	
-	GJT-11-00	Elbow	3	
26	GJT-12-00	Elbow	2	
-	GJT-12-00	Elbow	3	
-	GJT-12-00	Elbow	4	
27	TK000-16027	16- ϕ 27 Clip	2	
28	GJT-13-00	Elbow	1	

Hydraulic pipeline(EX-B) FD10,15,18-W1
FY10,15,18-R1

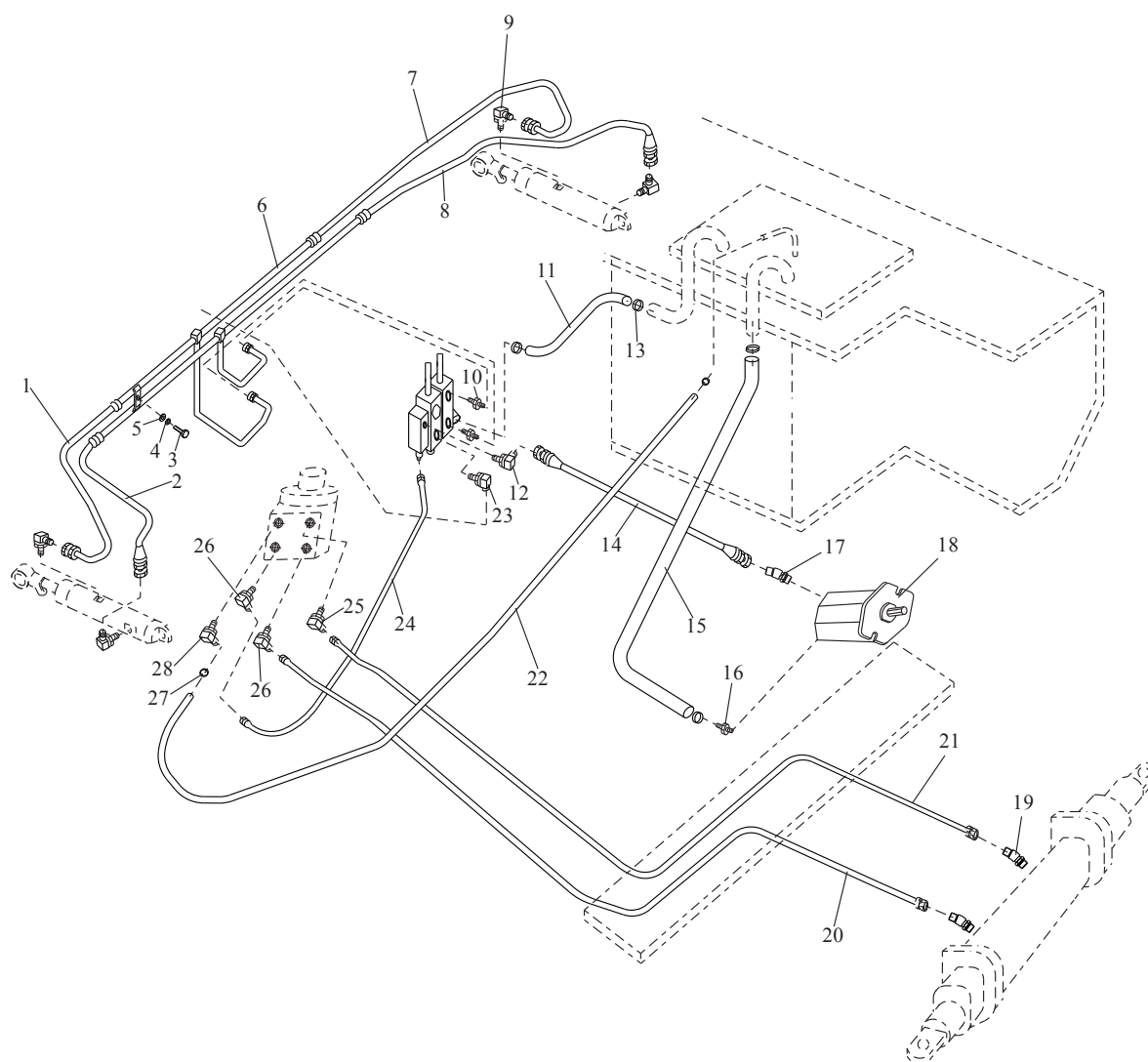


Hydraulic pipeline(EX-B) FD10,15,18-W1
FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	TGLBII-08033-H35*J	8II×330 Hose H. P	1	
2	TGIBII-08034*J	8I×340 Hose H. P	1	
3	GB/T5783	M10×30 Bolt	1	
4	GB/T93	10 Washer,lock	1	
5	GB/T97.1	10 Washer	1	
6	A30C4-00100	Steel pipe ass'y	1	
7	TGLBII-08036-H35*J	8II×360 Hose H. P	1	
8	TGIBII-08038*J	8II×380 Hose H. P	1	
9	GJT-05-00	Elbow	4	
10	GJT-18-00	Nipple	2	
11	A30C4-00001	Hose	1	
12	GJT-20-00	Elbow	1	
13	TK000-32050	32- φ 50 Clip	4	
14	TGIBII-13117*G	13II×1170 Hose H. P	1	
15	A30D4-00001	Hose L. P.	1	
16	GJT-08-00	Nipple	1	
17	GJT-09-00	Elbow	1	
18	A15E4-20000	Gear pump	1	FD10,15,18-W1
-	A15F4-20000	Gear pump	1	FY10,15,18-R1
19	GJT-17-00	Nipple	2	
20	TGIBI-08150*G	8I×1500 Hose H. P	1	
21	TGIBI-08170*G	8I×1700 Hose H. P	1	
22	TG000-13140	13×1400 Hose L.P.	1	
23	GJT-19-00	Elbow	1	

Hydraulic pipeline(EX-B)

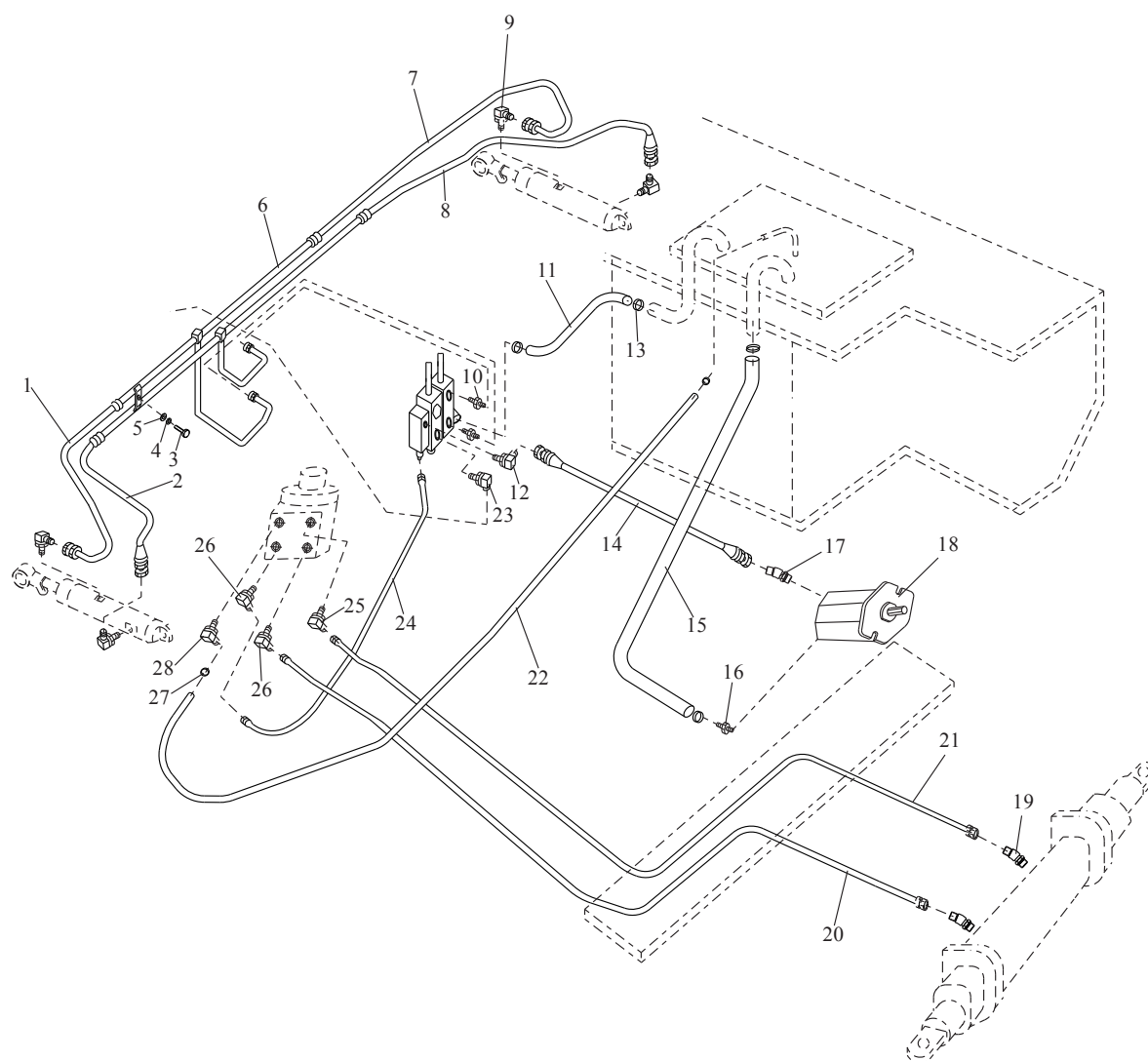
FD10,15,18-W1
FY10,15,18-R1



(EX-B) FD10,15,18-W1
Hydraulic pipeline(EX-B) FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
24	TGUBI-08021-H55h55*G	8I×215 Hose H.P.	1	
25	GJT-11-00	Elbow	1	
–	GJT-11-00	Elbow	2	
–	GJT-11-00	Elbow	3	
26	GJT-12-00	Elbow	2	
–	GJT-12-00	Elbow	3	
–	GJT-12-00	Elbow	4	
27	TK000-16027	16-27 Clip	2	
28	GJT-13-00	Elbow	1	

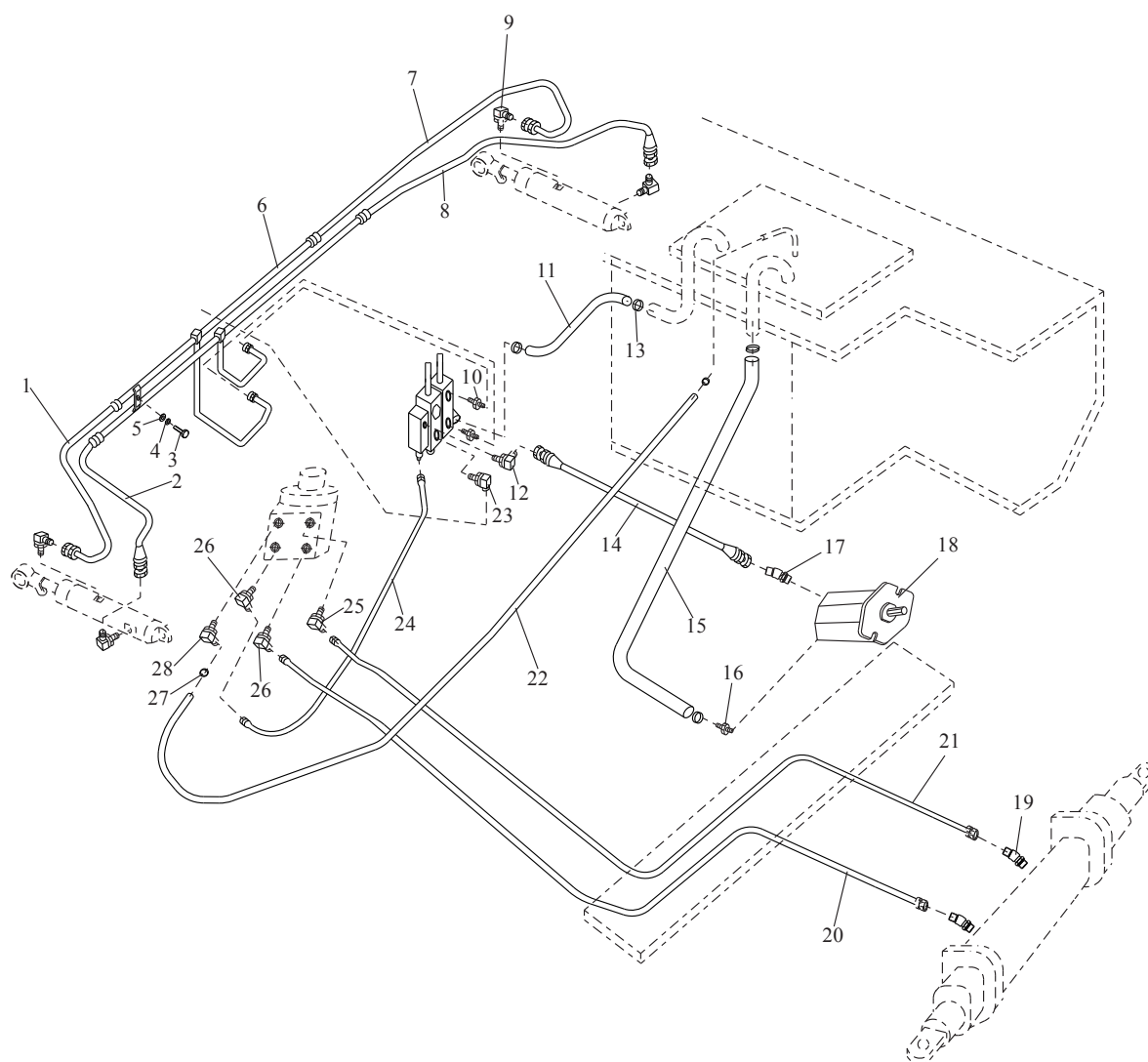
Hydraulic pipeline(EX-A) FY10,15,18-R1



Hydraulic pipeline(EX-A) FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	TGLCII-08033-H35*J	8II×330 Hose H. P	1	
2	TGICII-08034*J	8I×340 Hose H. P	1	
3	GB/T5783	M10×30 Bolt	1	
4	GB/T93	10 Washer,lock	1	
5	GB/T97.1	10 Washer	1	
6	A30BD4-00100	Steel pipe ass'y	1	
7	TGLCII-08036-H35*J	8II×360 Hose H. P	1	
8	TGICII-08038*J	8II×380 Hose H. P	1	
9	GJT-229-00	Elbow	4	
10	GJT-18-00	Nipple	2	
11	A30C4-00001	Hose	1	
12	GJT-230-00	Elbow	1	
13	TK000-32050	32- φ 50 Clip	4	
14	TGIBII-13117*G	13II×1170 Hose H. P	1	
15	A30D4-00001	Hose L. P.	1	
16	GJT-08-00	Nipple	1	
17	GJT-322-00	Elbow	1	
18	A15F4-20000	Gear pump	1	
19	GJT-231-00	45° Nipple	2	
20	TGIBI-08150*G	8I×1500 Hose H. P	1	
21	TGIBI-08170*G	8I×1700 Hose H. P	1	
22	TG000-13140	13×1400 Hose L.P	1	
23	GJT-232-00	Elbow	1	
24	TGUBCI-08021-H55h55*G	8I×215 Hose H.P.	1	

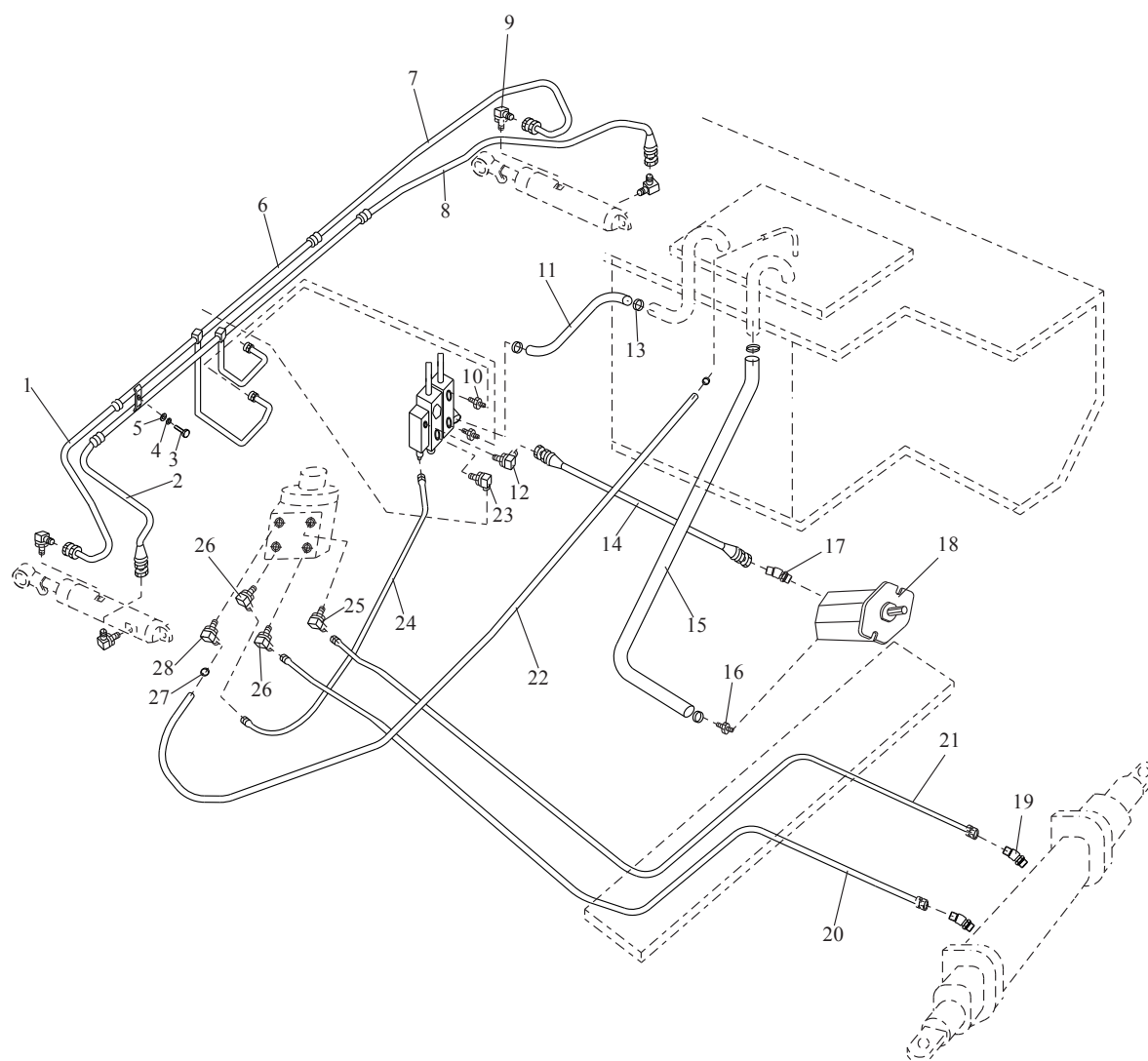
Hydraulic pipeline(EX-A) FY10,15,18-R1



Hydraulic pipeline(EX-A) FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
25	GJT-233-00	Elbow	1	
–	GJT-233-00	Elbow	2	
–	GJT-233-00	Elbow	3	
26	GJT-234-00	Elbow	2	
–	GJT-234-00	Elbow	3	
–	GJT-234-00	Elbow	4	
27	TK000-16027	16- ϕ 27 Clip	2	
28	GJT-13-00	Elbow	1	

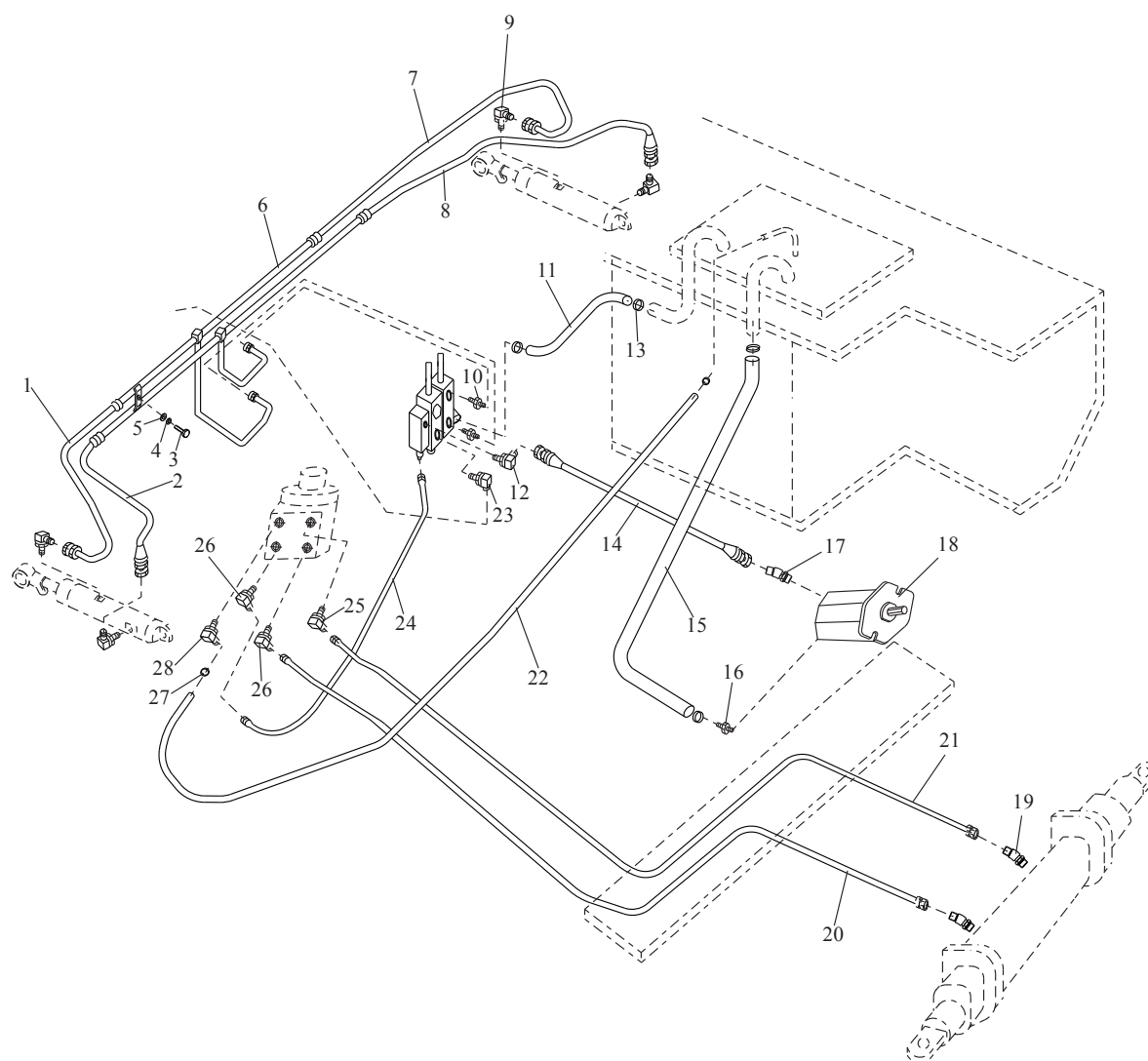
Hydraulic pipeline(EX-A) FY10,15,18-S6



Hydraulic pipeline(EX-A) FY10,15,18-S6

Item	Part No	Description	Q'ty	Remark
1	TGLCII-08033-H35*J	8II×330 Hose H. P	1	
2	TGICII-08034*J	8I×340 Hose H. P	1	
3	GB/T5783	M10×30 Bolt	1	
4	GB/T93	10 Washer,lock	1	
5	GB/T97.1	10 Washer	1	
6	A30BD4-00100	Steel pipe ass'y	1	
7	TGLCII-08036-H35*J	8II×360 Hose H. P	1	
8	TGICII-08038*J	8II×380 Hose H. P	1	
9	GJT-229-00	Elbow	4	
10	GJT-18-00	Nipple	2	
11	A30C4-00001	Hose	1	
12	GJT-230-00	Elbow	1	
13	JB/T8870	50×32 Clip	4	
14	TGIBII-13117*G	13II×1170 Hose H. P	1	
15	A30S4-00002	Hose L. P.	1	
16	GJT-08-00	Nipple	1	
17	GJT-322-00	Elblow	1	
18	A15F4-20000	Gear pump	1	
19	GJT-231-00	45° Nipple	2	
20	TGIBI-08150*G	8I×1500 Hose H. P	1	
21	TGIBI-08170*G	8I×1700 Hose H. P	1	
22	TG000-13140	13×1400 Hose L.P.	1	
23	GJT-232-00	Elbow	1	
–	GJT-429-00	Elbow	1	

Hydraulic pipeline(EX-A) FY10,15,18-S6

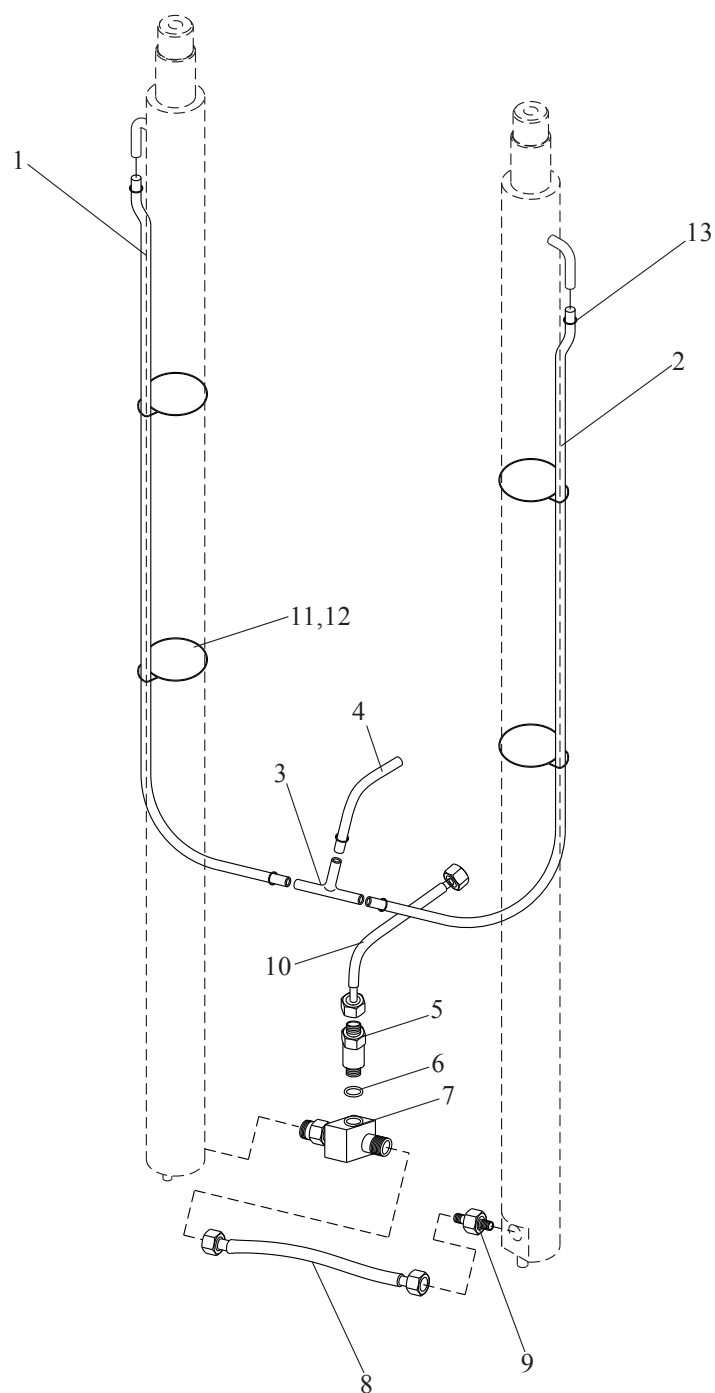


Hydraulic pipeline(EX-A) FY10,15,18-S6

Item	Part No	Description	Q'ty	Remark
24	TGUBCI-08021-H55h55*G	8I×215 Hose H.P.	1	
25	GJT-233-00	Elbow	1	
—	GJT-233-00	Elbow	2	
—	GJT-233-00	Elbow	3	
26	GJT-234-00	Elbow	2	
—	GJT-234-00	Elbow	3	
—	GJT-234-00	Elbow	4	
27	TK000-16027	25×16 Clip	2	
28	GJT-13-00	Elbow	1	

LIFTING SYSTEM

Hydraulic system mast(Normal mast KM)



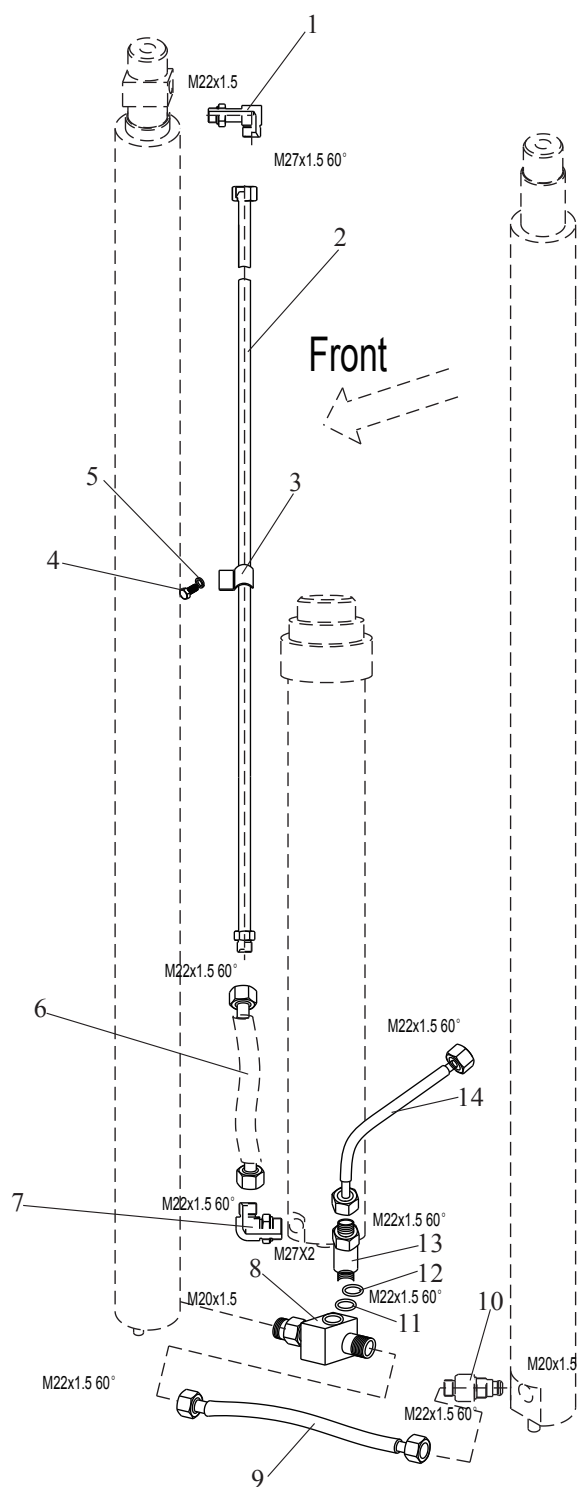
Hydraulic system mast(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	TG000-120XX	d12×L Tube vinyl	1	
2	TG000-120XX	d12×L Tube vinyl	1	
3	GJT-01-00	joint	1	
4	TG000-12100	d12×1000 Tube vinyl	1	
5	GJT-75-00	Flow regulator	1	
6	JB982	22×2.7 Washer	1	
7	GJT-03-00C	Three way connector ass'y	1	
8	TGIBII-13033*J	13II×330 Hose H.P.	1	
9	GJT-04-00	Valve,check	1	
10	TGVBII-13060-H25GS*J	13II×600 Hose H.P.	1	
-	TGLBII-13100-H25h55GS*J	13II×1000 Hose H.P.	1	
11	M30A3-70001	Band	4	
12	TQ000-05035	5×350 Binding	4	
13	Tk000-10016	10×16 Clip	6	

Hydraulic system mast(Normal mast KM)

(Mast Piping Optional Parts)			
Lifting Height	Hose(mm)	Hose(mm)	Remark
2000	1000	900	
2500	1200	1100	
2700	1300	1200	
3000	1400	1350	
3300	1600	1500	
3500	1700	1600	
3700	1800	1700	
4000	2000	1900	
4250	2100	2000	
4500	2300	2150	
4750	2400	2300	
5000	2500	2400	
5500	2800	2700	
6000	3100	2950	

Hydraulic system mast(Full Free 2-Stage Mast KZM)



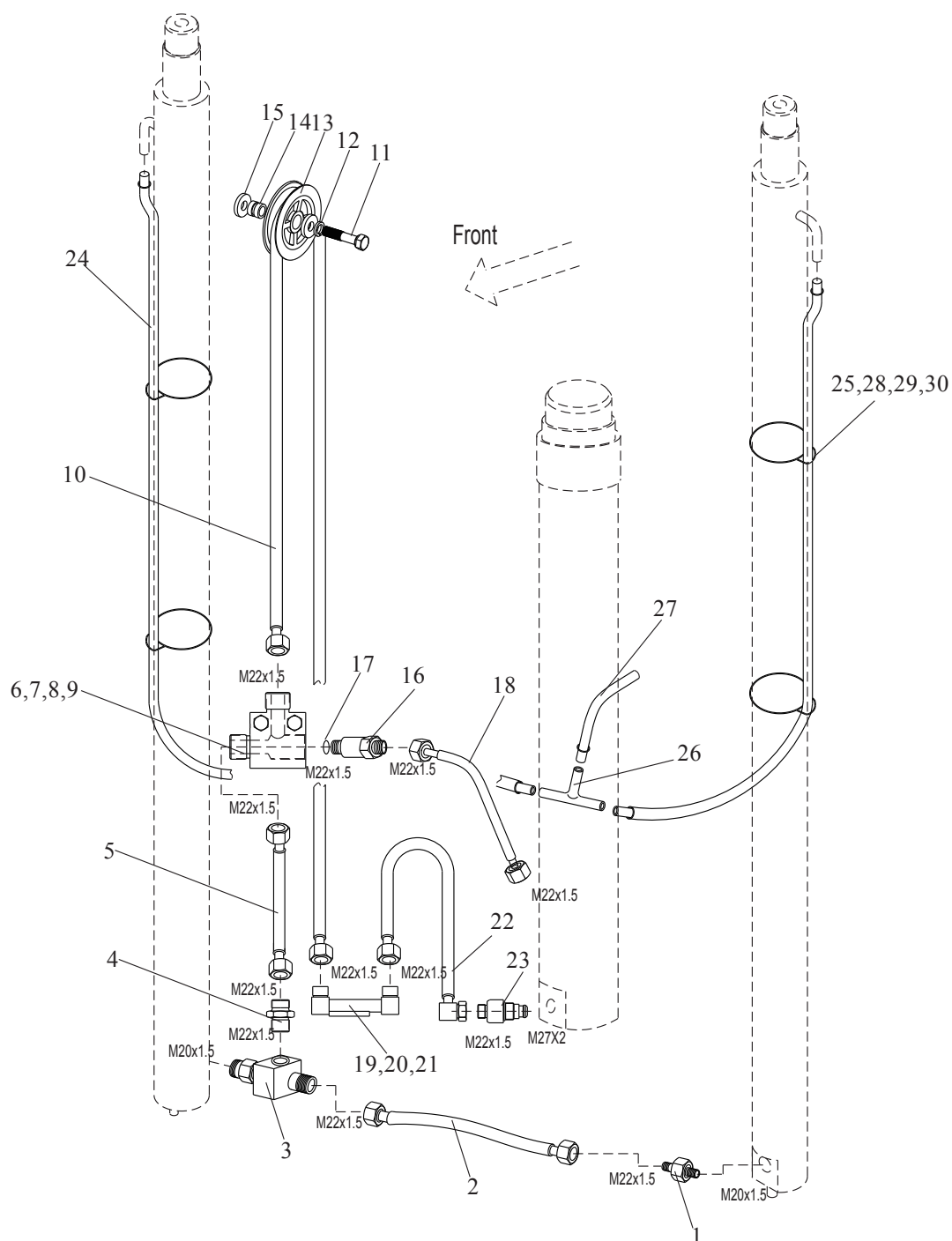
Hydraulic system mast(Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	GJT-22-00	Elbow	1	
2	GJT-23-00	Steel Pipe ass'y	1	
3	Z30A3-70001	Board	1	
4	GB/T5783	M8×20 Bolt	2	
5	GB/T93	8 Washer,lock	2	
6	TGIBII-13056-GS*J	13II×560 Hose H.P.	1	
7	GJT-24-00	Elbow	1	
8	GJT-03-00C	Three way connector ass'y	1	
9	TGIBII-13033*J	13II×330 Hose H.P.	1	
10	GJT-04-00	Valve,check	1	
11	GB/T3452.1	19.3×2.4G O-ring	1	
12	GJT-04-04	22 Washer	1	
13	GJT-75-00	Flow regulator	1	
14	TGVBII-13040-H25NL*J	13II×400 Hose H.P.	1	
—	TGVBII-13060-H25NL*J	13II×600 Hose H.P.	1	

Hydraulic system mast(Full Free 2-Stage Mast KZM)

(Mast Piping Optional Parts)		
Lifting Height	Hose(mm)	Remark
2000	628	
2500	878	
3000	1128	
3300	1278	
3500	1378	
3700	1478	
4000	1678	
4500	1928	
5000	2178	
5500	2478	
6000	2728	

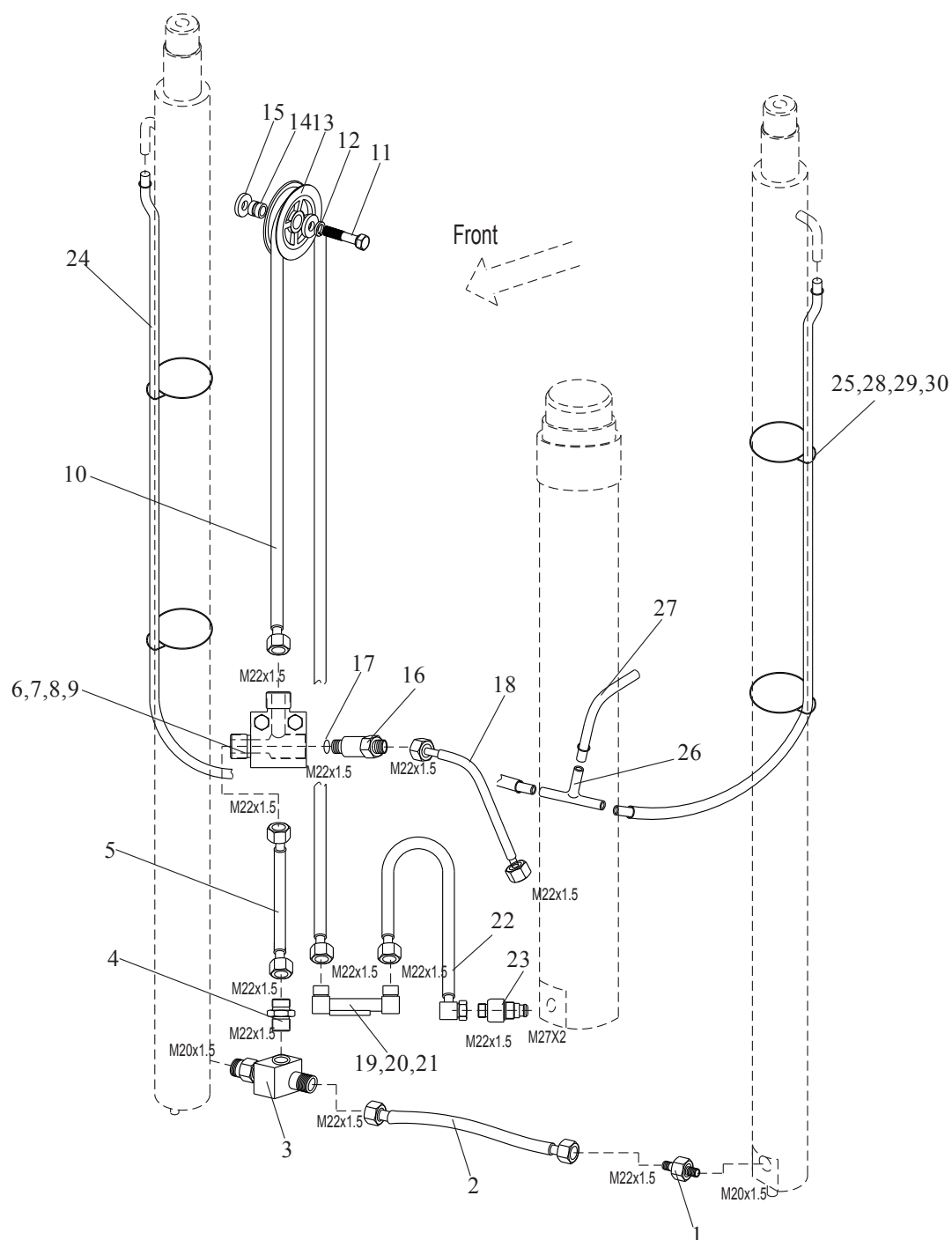
Hydraulic system mast(Full Free 3-Stage Mast KZM)



Hydraulic system mast(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	GJT-04-00	Valve,check	1	EX-B
-	GJT-391-00	Valve,check	1	EX-A
2	TGIBII-13036*J	13II×360 Hose H.P.	1	EX-B
-	TGICII-13036*J	13II×360 Hose H.P.	1	EX-A
3	GJT-03-00C	Three way connector ass'y	1	EX-B
-	GJT-390-00	Three way connector ass'y	1	EX-A
4	GJT-26-00	Nipple	1	EX-B
-	GJT-242-00	Nipple	1	EX-A
5	TGIBII-13056*J	13II×560 Hose H.P.	1	EX-B
-	TGICII-13056*J	13II×560 Hose H.P.	1	EX-A
6	GJT-28-00	Three way connector	1	EX-B
-	GJT-353-00	Three way connector	1	EX-A
7	GB/T5783	M8×50 Bolt	2	
8	GB/T93	8 Washer,lock	2	
9	S15A3-70001	Board	1	
10	TGIBII-13XXX	13IIXXXX Hose H.P.	1	EX-B
-	TGICII-13XXX	13IIXXXX Hose H.P.	1	EX-A
11	GB/T5786	M16×1.5×70 Bolt	1	
12	GB/T93	16 Washer,lock	2	
13	SJM30A-0002	Pulley	1	
14	SJM30A-0003	Spindle collar	1	
15	SJM30A-0001	Ring	2	
16	GJT-75-00	Flow regulator	1	EX-B
-	GJT-243-00	Flow regulator	1	EX-A
17	JB982	22×2.7 Washer	2	

Hydraulic system mast(Full Free 3-Stage Mast KZM)



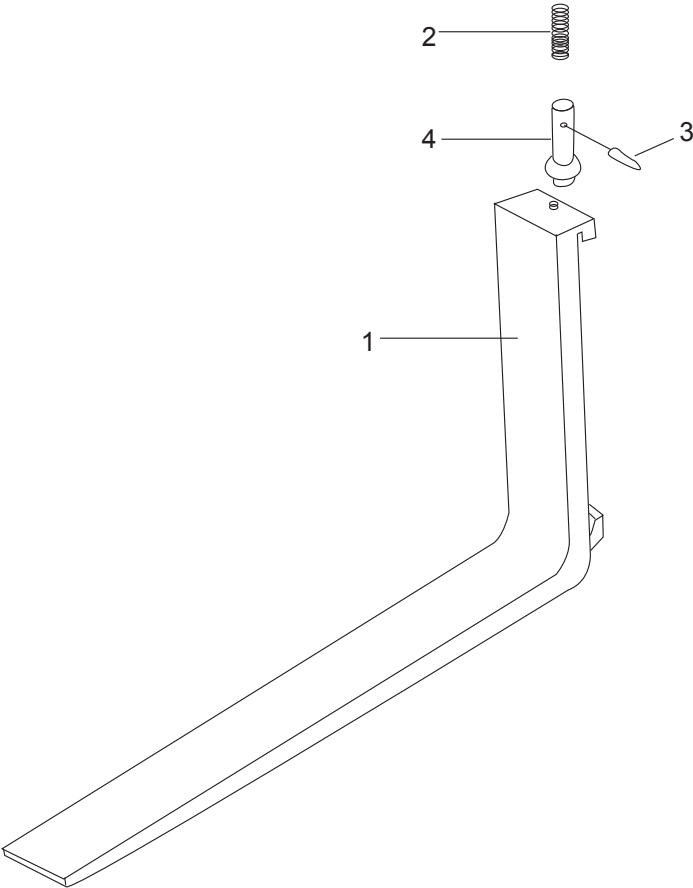
Hydraulic system mast(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
18	TGLBII-13050-H45GS*J	13II×500 Hose H.P.	1	EX-B
-	TGLCII-13050-H45GS*J	13II×500 Hose H.P.	1	EX-A
-	TGUBII-13120-H55h55GS*J	13II×1200 Hose H.P.	1	EX-B
-	TGUCII-13120-H55h55GS*J	13II×1200 Hose H.P.	1	EX-A
19	S15A3-70100	Elbow	1	EX-B
-	GJT-352-00	Elbow	1	EX-A
20	GB/T5783	M8×25 Bolt	2	
21	GB/T93	8 Washer,lock	2	
22	TGIBII-13040NL*J	13II×400 Hose H.P.	1	EX-B
-	TGICII-13040NL*J	13II×400 Hose H.P.	1	EX-A
23	GJT-21-00	Elbow	1	EX-B
-	GJT-240-00	Elbow	1	EX-A
24	TG000-120XX	d12×L Tube vinyl	1	
25	TG000-120XX	d12×L Tube vinyl	1	
26	GJT-01-00	joint	1	
27	TG000-12100	d12×1000 Tube vinyl	1	
28	M30A3-70001	Band	4	
29	TQ000-05035	5×350 Binding	4	
30	Tk000-10016	10×16 Clip	6	

Hydraulic system mast(Full Free 3-Stage Mast KZM)

(Mast Piping Optional Parts)				
Lifting Height	10 Hose(mm)	24 Hose(mm)	25 Hose(mm)	Remark
3600	2100	900	900	
4000	2450	1050	1050	
4350	2700	1250	1250	
4500	2860	1350	1350	
4800	3000	1450	1450	
5000	3150	1550	1550	
5400	3400	1600	1600	
5500	3400	1650	1650	
6000	3600	2000	2000	

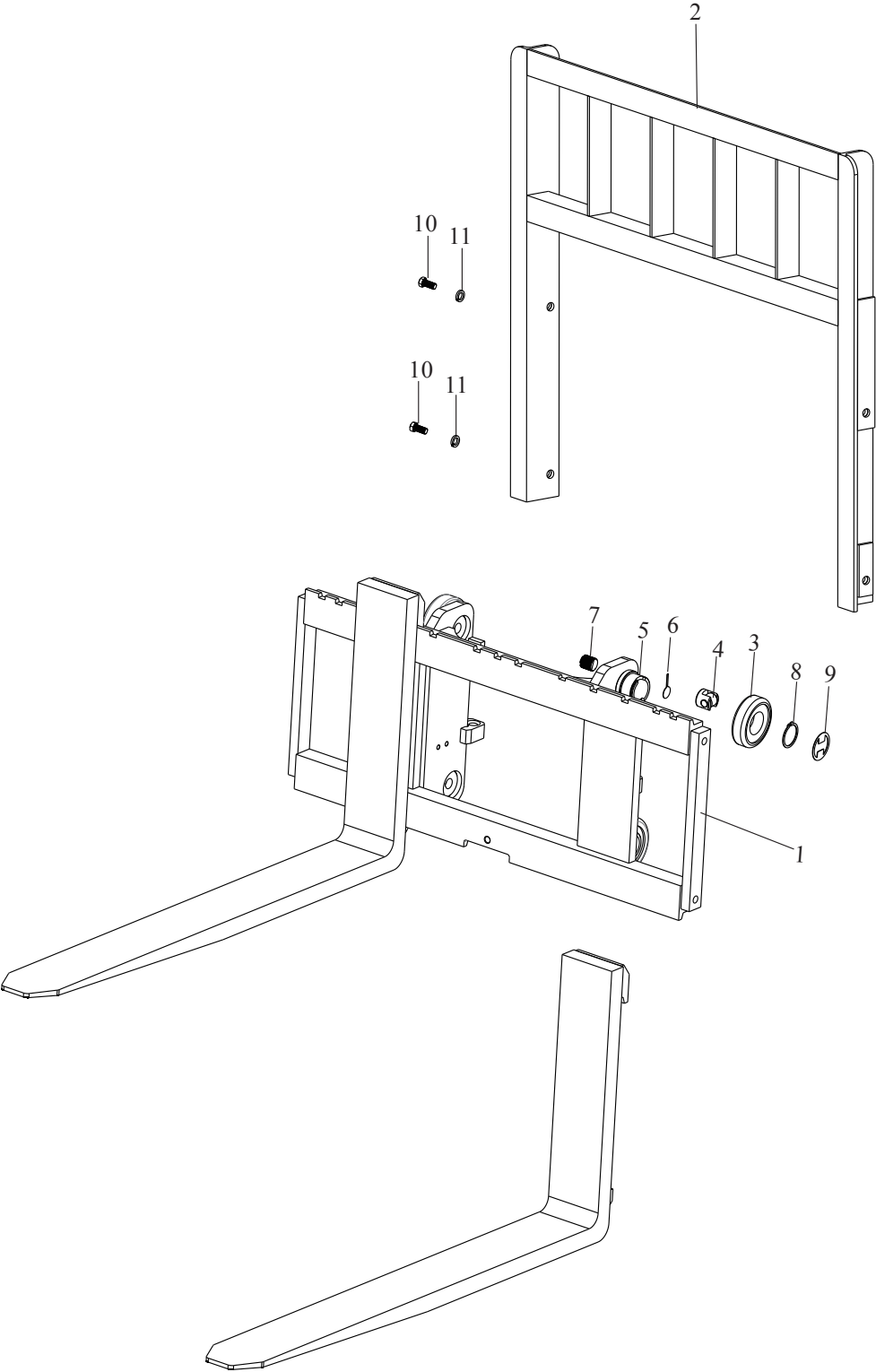
Fork



Fork

Item	Part No	Description	Q'ty	Remark
1	A15A3-90000	Fork ass'y	2	
2	A15A3-90001	Spring	2	
3	A15A3-90002	Pin	2	
4	A15A3-90003	Pin, stopper	2	

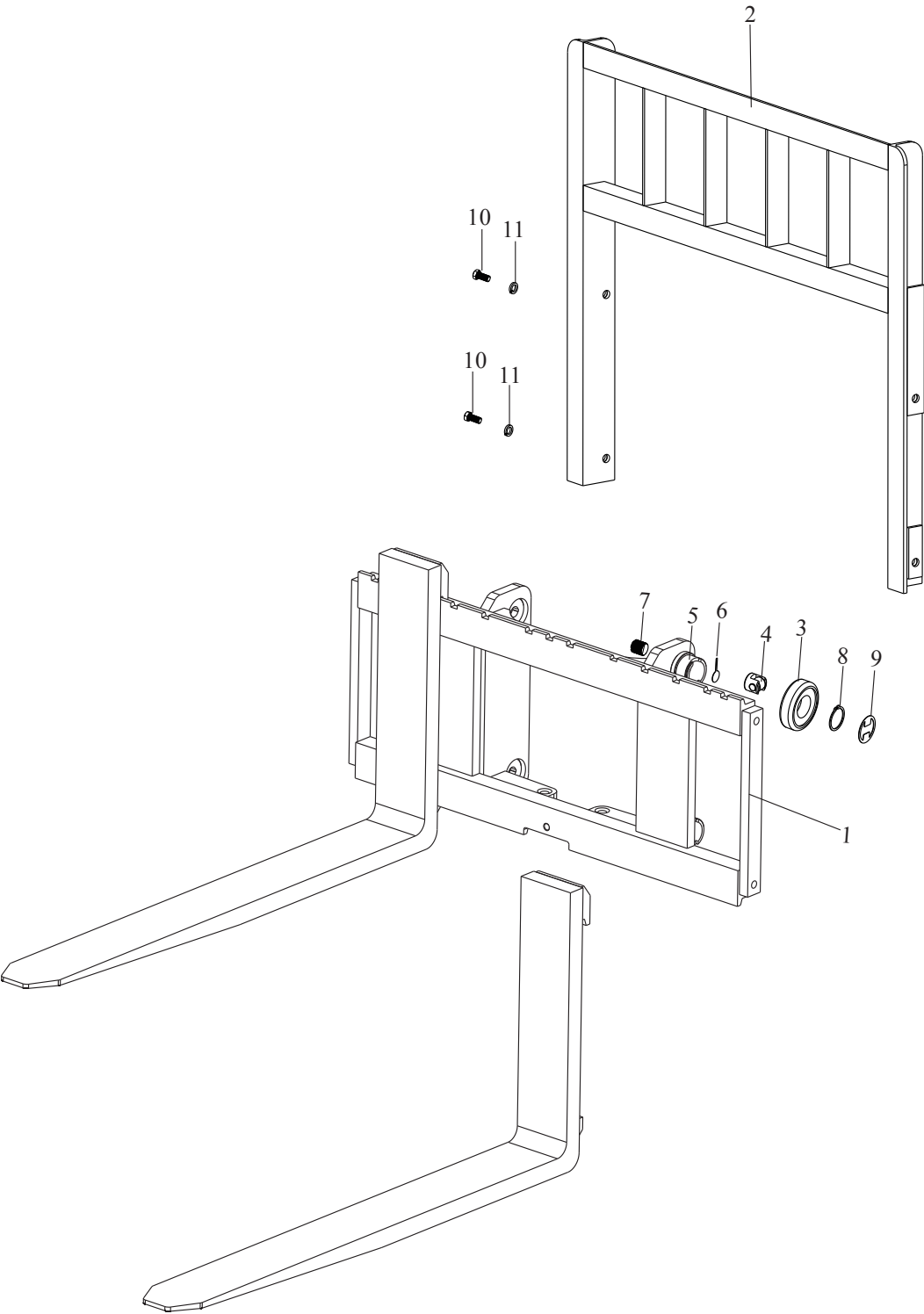
Lift Bracket Normal Mast



Lift Bracket Normal Mast

Item	Part No	Description	Q'ty	Remark
1	M15D3-50000	Lifting fork ass'y	1	
2	M15C3-60000	Backrest ass'y	1	
3	M15C3-40102	End Roller	4	
4	M15C3-40103	Side roller	4	
5	M15C3-40101	Spindle head	4	
6	M30A3-40203-1	Loose slice	4	
7	M15C3-40104	Screw	4	
8	GB/T894.2	55 Snap,ring	4	
9	M15C3-40105	Dust-Proof ring	4	
10	GB/T5786	M14×1.5×30 Bolt	4	
11	GB/T93	14 Washer, lock	4	

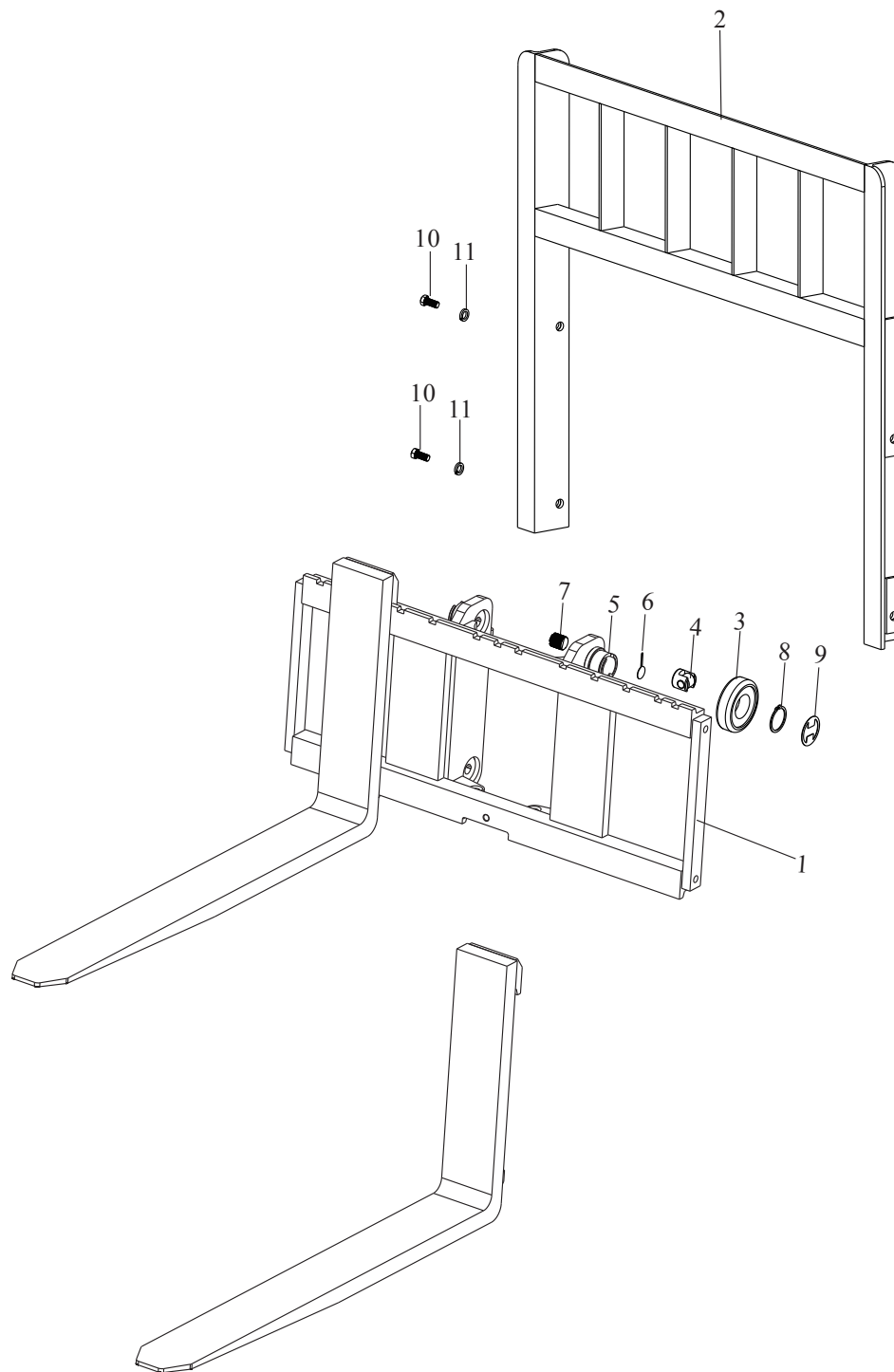
Lift Bracket Full Free 2-Stage Mast



Lift Bracket Full Free 2-Stage Mast

Item	Part No	Description	Q'ty	Remark
1	Z15D3-50000	Lifting fork ass'y	1	
2	M15C3-60000	Backrest ass'y	1	
3	M15C3-40102	End Roller	4	
4	M15C3-40103	Side roller	4	
5	M15C3-40101	Spindle head	4	
6	M30A3-40203-1	Loose slice	4	
7	M15C3-40104	Screw	4	
8	GB/T894.2	55 Snap,ring	4	
9	M15C3-40105	Dust-Proof ring	4	
10	GB/T5786	M14×1.5×30 Bolt	4	
11	GB/T93	14 Washer, lock	4	

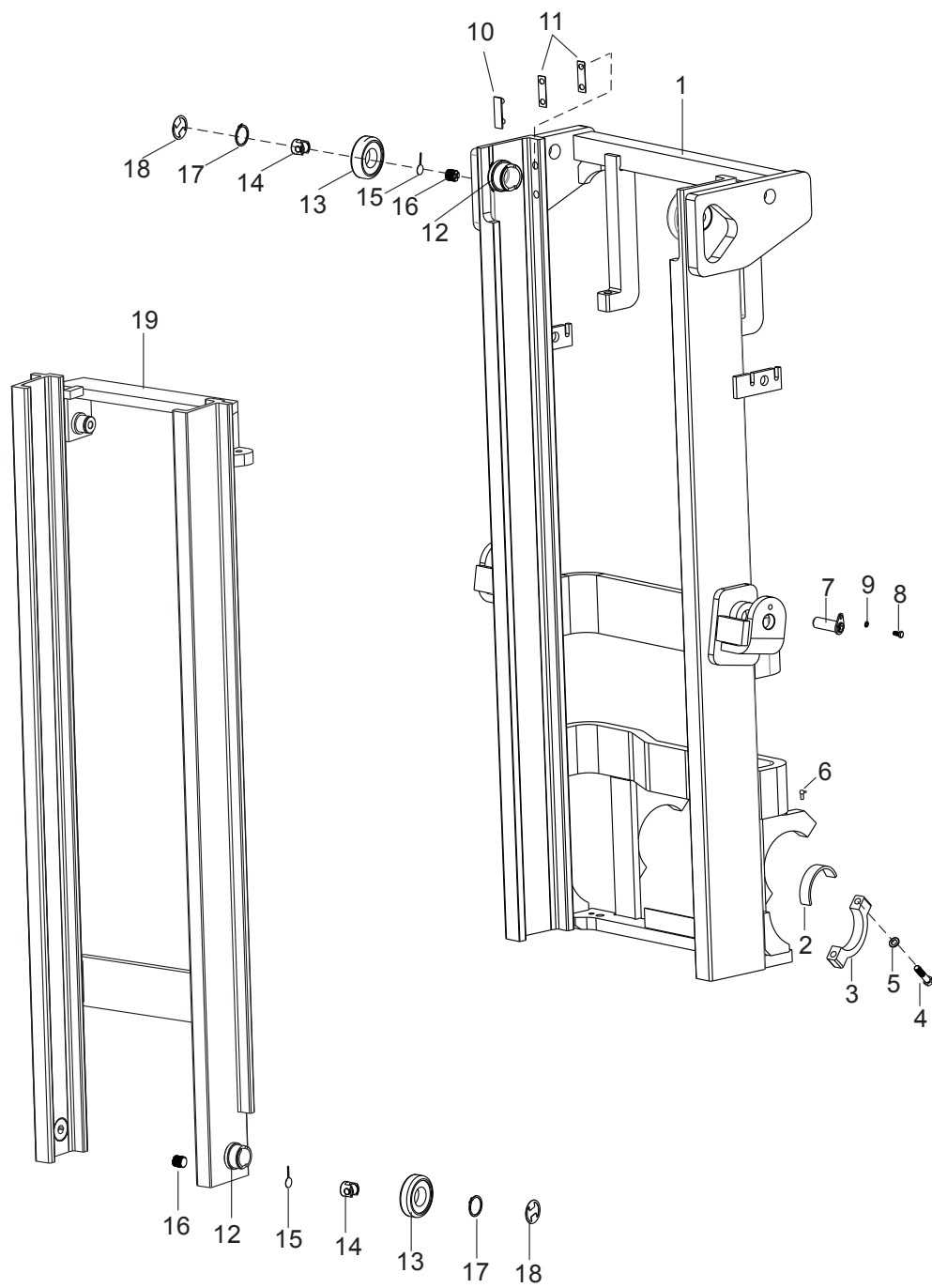
Lift Bracket Full Free 3-Stage Mast



Lift Bracket Full Free 3-Stage Mast

Item	Part No	Description	Q'ty	Remark
1	S15D3-50000	Lifting fork ass'y	1	
2	M15C3-60000	Backrest ass'y	1	
3	M15C3-40102	End Roller	4	
4	M15C3-40103	Side roller	4	
5	M15C3-40101	Spindle head	4	
6	M30A3-40203-1	Loose slice	4	
7	M15C3-40104	Screw	4	
8	GB/T894.2	55 Snap,ring	4	
9	M15C3-40105	Dust-Proof ring	4	
10	GB/T5786	M14×1.5×30 Bolt	4	
11	GB/T93	14 Washer, lock	4	

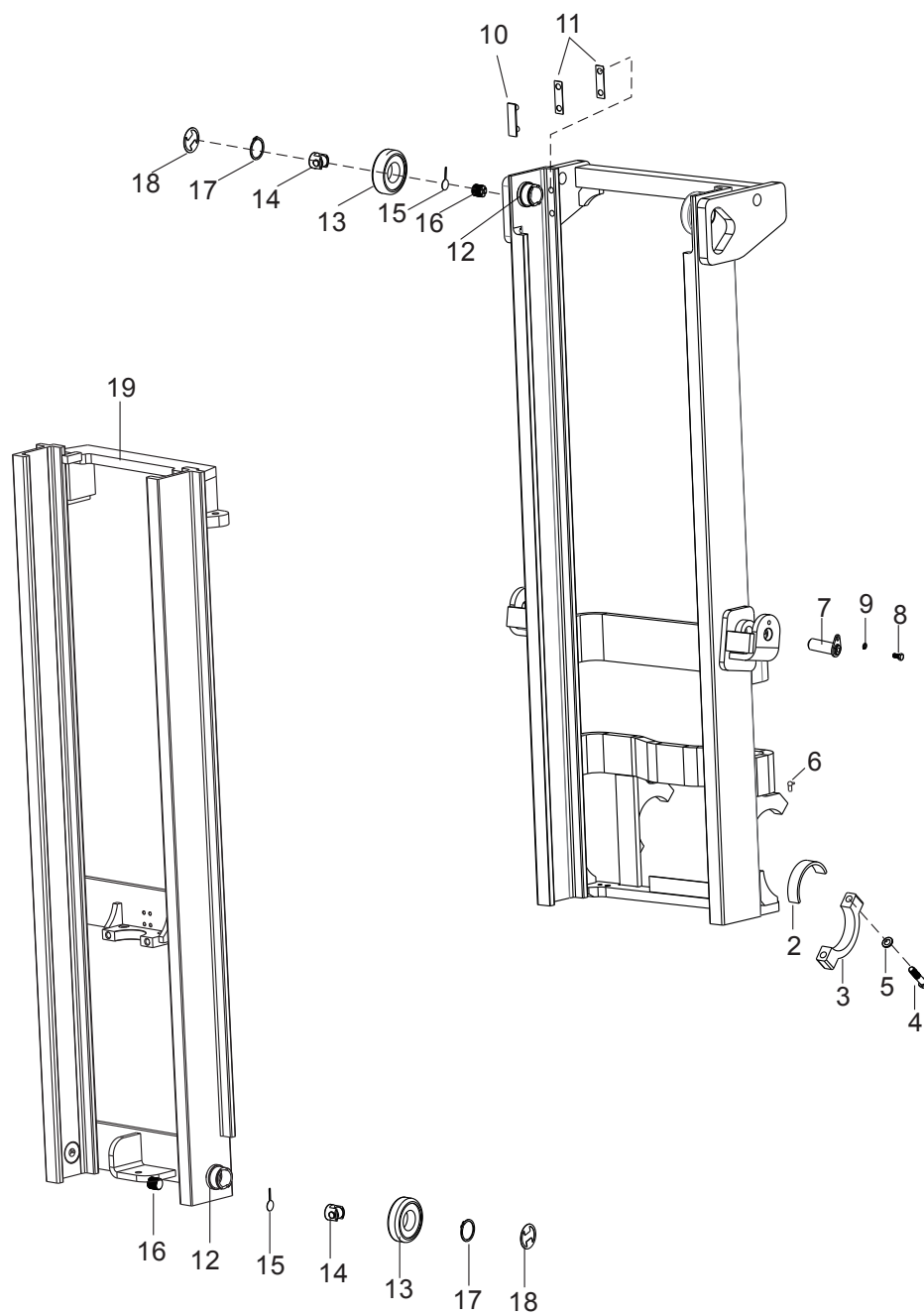
Mast (Normal mast KM)



Mast (Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	M15D3-10000	Mast,outer	1	
2	M15A3-00002	Bushing	2	
3	M15A3-00001	Cap	4	
4	GB/T5786	M14×1.5×70 Bolt	4	
5	GB/T93	14 Washer,lock	4	
6	JB/T7940.1	M10×1 Oil cup	4	
7	M30A3-00100	Pin axle	2	
8	GB/T5786	M10×1.25×20 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	4	
12	M15C3-40101	Shaft roller	4	
13	M15C3-40102	End Roller	4	
14	M15C3-40103	Side roller	4	
15	M30A3-40203-1	Loose slice	4	
16	M15C3-40104	Screw	4	
17	GB/T894.2	55 Snap,ring	4	
18	M15C3-40105	Dust-Proof ring	4	
19	M15C3-30000	Mast,inner	1	

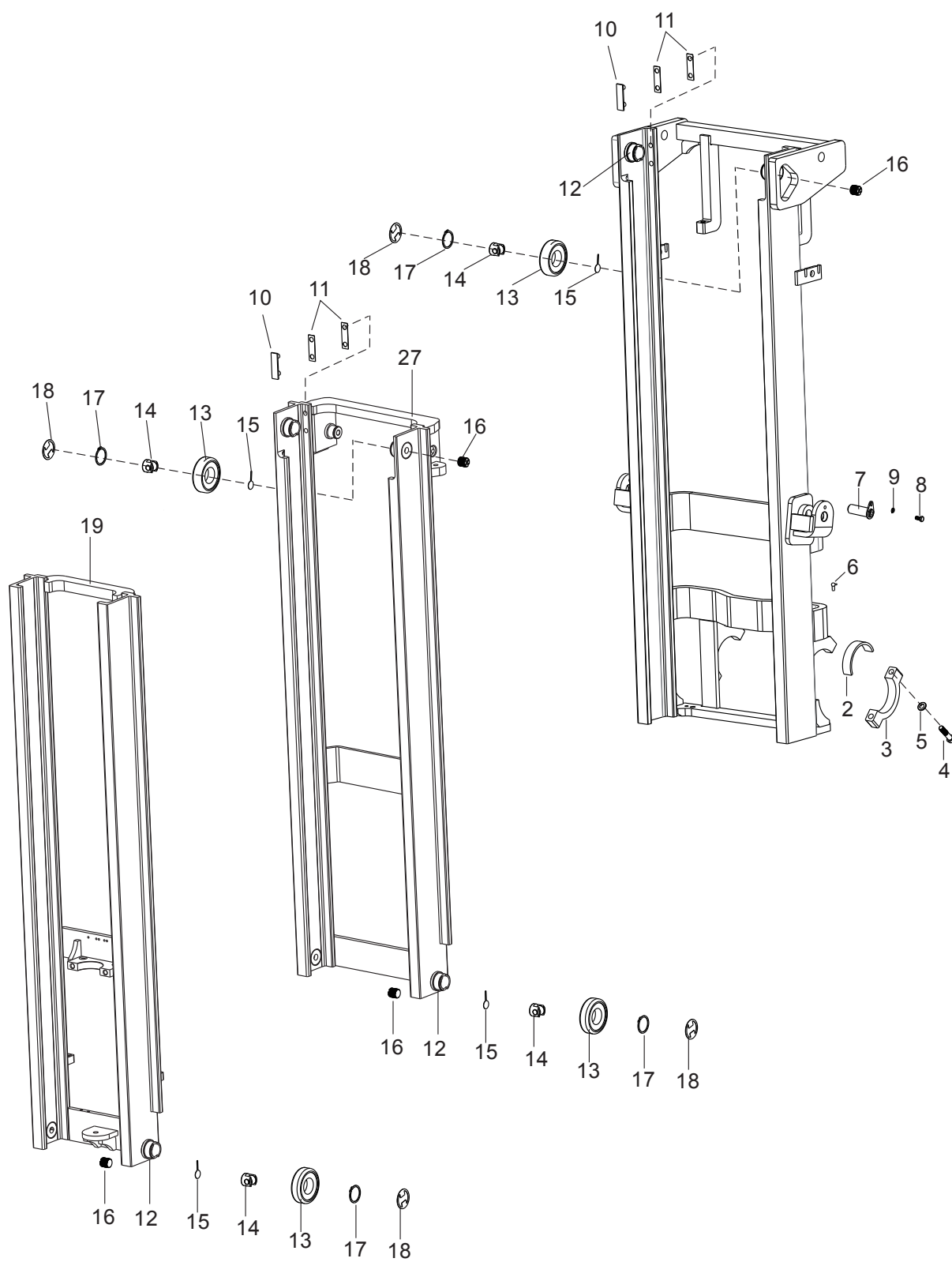
Mast (Full free 2-stage mast KZM)



Mast (Full free 2-stage mast KZM)

Item	Part No	Description	Q'ty	Remark
1	Z15D3-10000	Mast,outer	1	
2	M15A3-00002	Bushing	2	
3	M15A3-00001	Cap	4	
4	GB/T5786	M14×1.5×70 Bolt	4	
5	GB/T93	14 Washer,lock	4	
6	JB/T7940.1	M10×1 Oil cup	4	
7	M30A3-00100	Pin axle	2	
8	GB/T5786	M10×1.25×20 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	4	
12	M15C3-40101	Shaft roller	4	
13	M15C3-40102	End Roller	4	
14	M15C3-40103	Side roller	4	
15	M30A3-40203-1	Loose slice	4	
16	M15C3-40104	Screw	4	
17	GB/T894.1	Snap,ring	4	
18	M15C3-40105	Dust-Proof ring	4	
19	Z15C3-30000	Mast,inner	1	

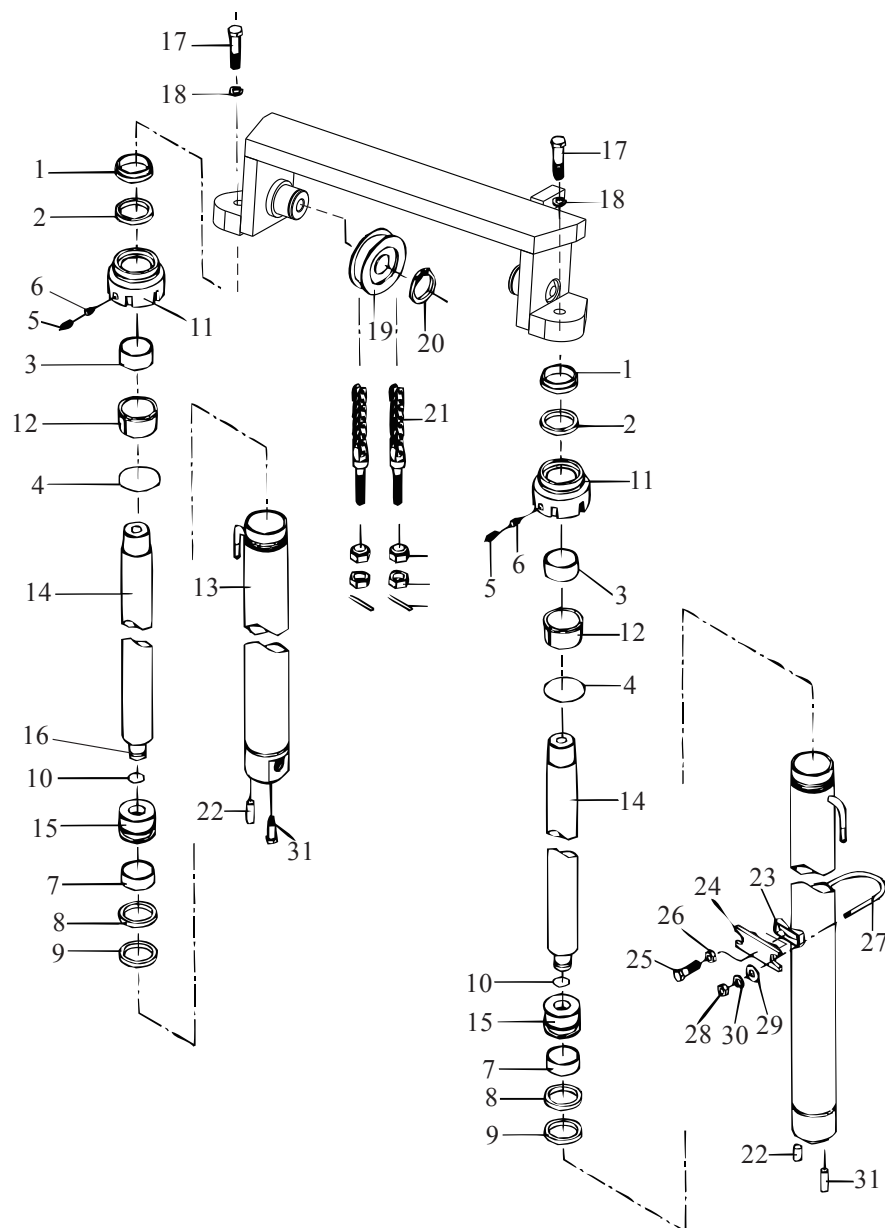
Mast (Full free 3-stage mast KZM)



Mast (Full free 3-stage mast KZM)

Item	Part No	Description	Q'ty	Remark
1	S15D3-10000	Mast,outer	1	
2	M15A3-00002	Bushing	2	
3	M15A3-00001	Cap	4	
4	GB/T5786	M14×1.5×70 Bolt	4	
5	GB/T93	14 Washer,lock	4	
6	JB/T7940.1	M10×1 Oil cup	4	
7	M30A3-00100	Pin axle	2	
8	GB/T5786	M10×1.25×20 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	4	
12	M15C3-40101	Shaft roller	4	
13	M15C3-40102	End Roller	4	
14	M15C3-40103	Side roller	4	
15	M30A3-40203-1	Loose slice	4	
16	M15C3-40104	Screw	4	
17	GB/T894.2	55 Snap,ring	4	
18	M15C3-40105	Dust-Proof ring	4	
19	S15C3-30000	Mast,inner	1	

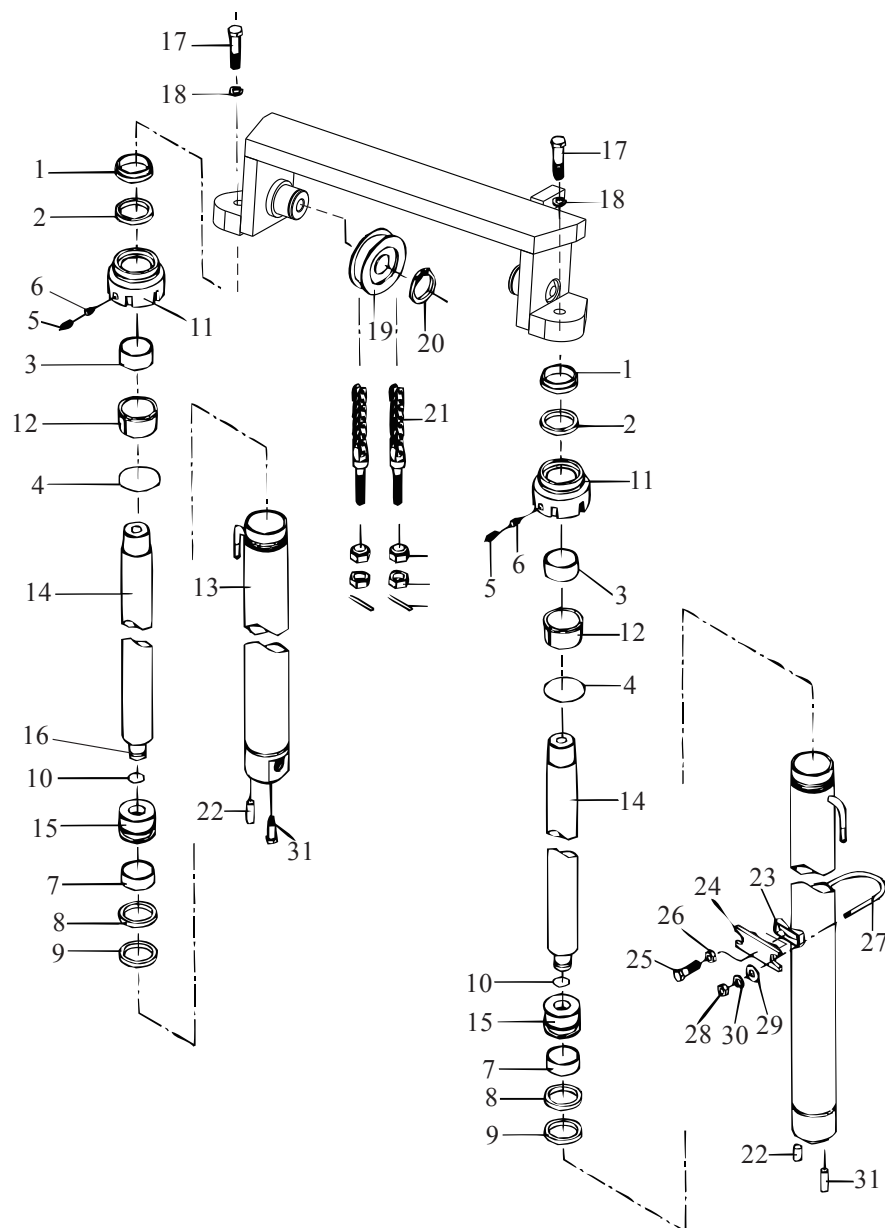
Lift Cylinder(Normal Mast KM)



Lift Cylinder(Normal Mast KM)

Item	Part No	Description	Q'ty	Remark
A	A15A4-10100	Lift cylinder ass,y	1	
1	A15A4-10101	35×47×7×10 Dust-proof ring	2	
2	A15A4-10102	35×45×6 Ring	2	
3	A15A4-10103	SF-1/35×39×30 Guide bushing	2	
4	GB/T3452.1	47.5×2.65 O-ring	2	
5	GB/T80	M8×8 Screw	4	
6	A15A4-10104	Plug	4	
7	A15A4-10105	45×20×2 Backup ring	2	
8	A15A4-10106	45×35×3 Stopper	2	
9	A15A4-10107	45×35×6 Ring	2	
10	A15A4-10108	Snap ring	2	
11	A15A4-10109	Guide,Sleeve	2	
12	A15A4-10110	Sleeve	2	
13	A15A4-10111	Cylinder	2	
14	A15A4-10112	Piston rod	2	
15	A15A4-10113	Piston	2	
16	A15A4-10114	Spacer	2	
17	GB/T5786	M14×1.5×40 Bolt	2	
18	GB/T93	14 Washer,lock	2	
19	M15A3-80100	Sheave	2	

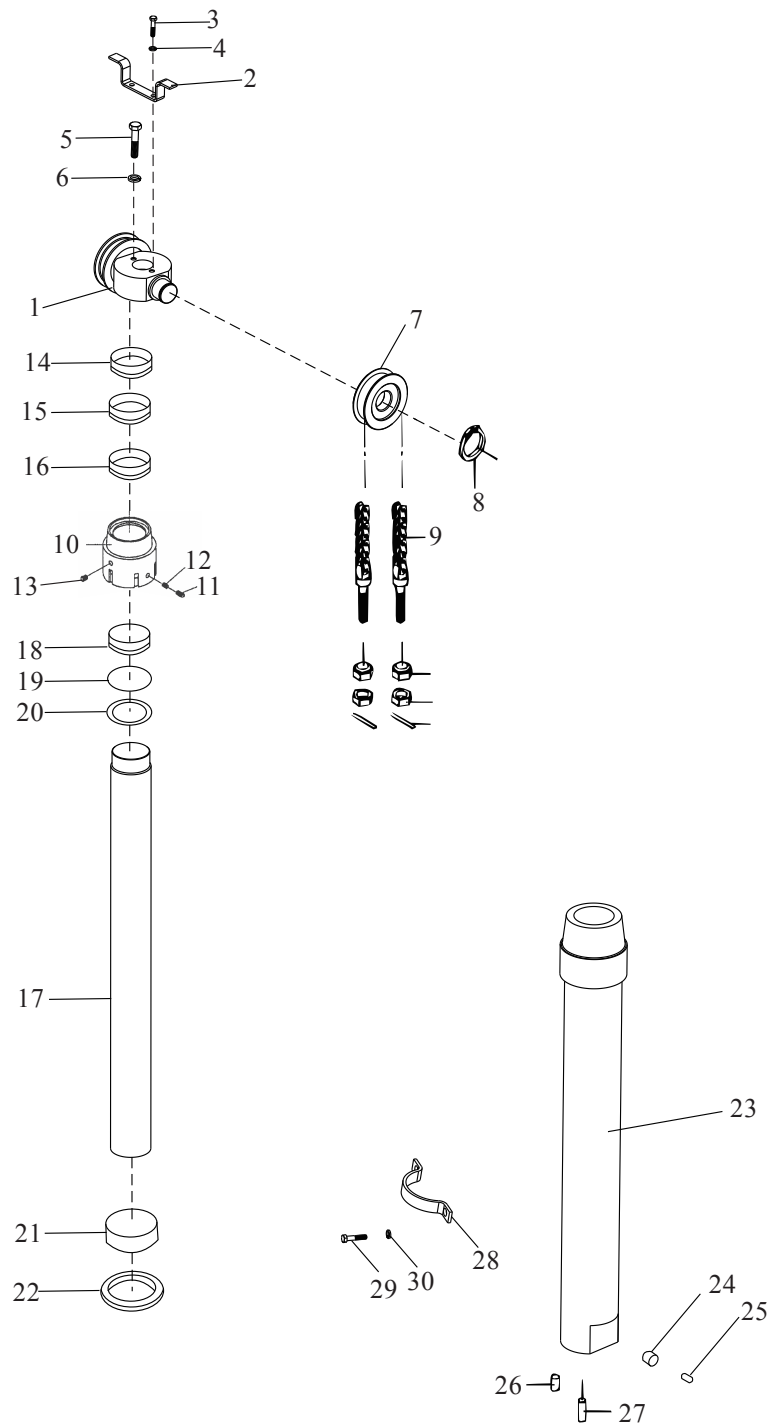
Lift Cylinder(Normal Mast KM)



Lift Cylinder(Normal Mast KM)

Item	Part No	Description	Q'ty	Remark
20	GB/T894.1	40 Snap ring	2	
21	LH1223×N	Chain ass'y	2	
22	GB/T119.1	10×26 Pin	2	
23	M30A3-80002	Spacer	2	
24	M30A3-80003	Support	2	
25	GB/T5786	M12×1.25×60 Bolt	2	
26	GB/T3098.2	M12×1.25 Nut	2	
27	M15A3-80001	U-Bolt	2	
28	GB/T6171	M10×1.25 Nut	4	
29	GB/T97.1	10 Washer	4	
30	GB/T93	10 Washer,lock	4	
31	M30A3-80001	Bolt	2	

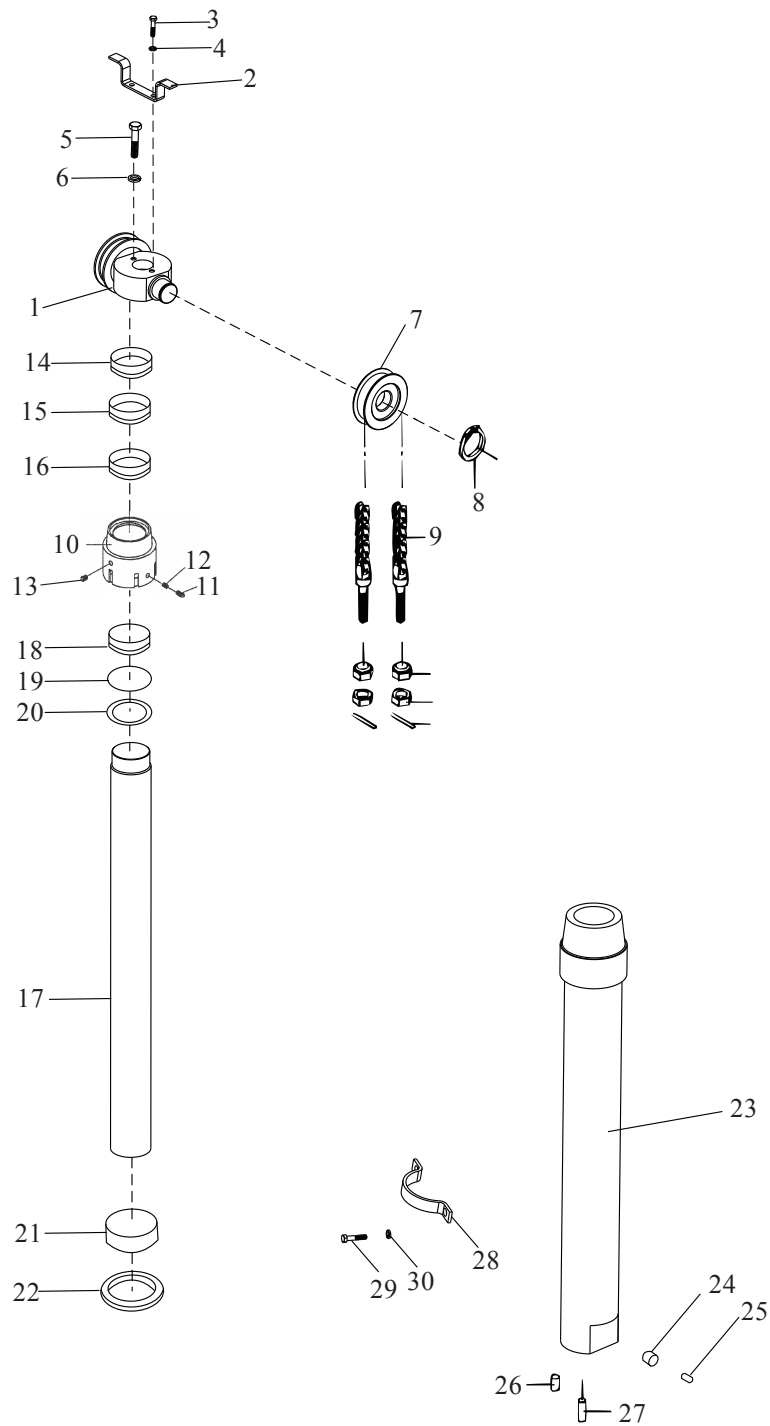
Front Lift Cylinder (Full Free 2-Stage Mast KZM)



Front Lift Cylinder (Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
A	A15A4-10300	Front lift cylinder ass'y	1	
1	Z15A3-90100	Sheave Seat	1	
2	Z15A3-90001	Stopper chain	1	
3	GB/T5783	M8×20 Bolt	2	
4	GB/T93	8 Washer,lock	2	
5	GB/T5783	M16 ×40 Bolt	1	
6	GB/T93	16 Washer,lock	1	
7	M15A3-80100	Sheave	2	
8	GB/T894.1	40 Snap ring	2	
9	LH1223×N	Chain ass'y	2	
10	A15A4-10301	Cap, lift cylinder	1	
11	GB/T73	M8×10 Screw	1	
12	A15A4-10302	6×3 Plug	1	
13	A15A4-10314	1/8 " Plug	1	
14	A15A4-10303	70×84×8/11 Dust ring	1	
15	A15A4-10304	70×80×3 Snap ring	1	
16	A15A4-10305	70×80×6 Ring	1	
17	A15A4-10306	Piston rod	1	
18	A15A4-10307	Guide bushing	1	
19	GB/T3452.1	90×3.55 O-ring	1	

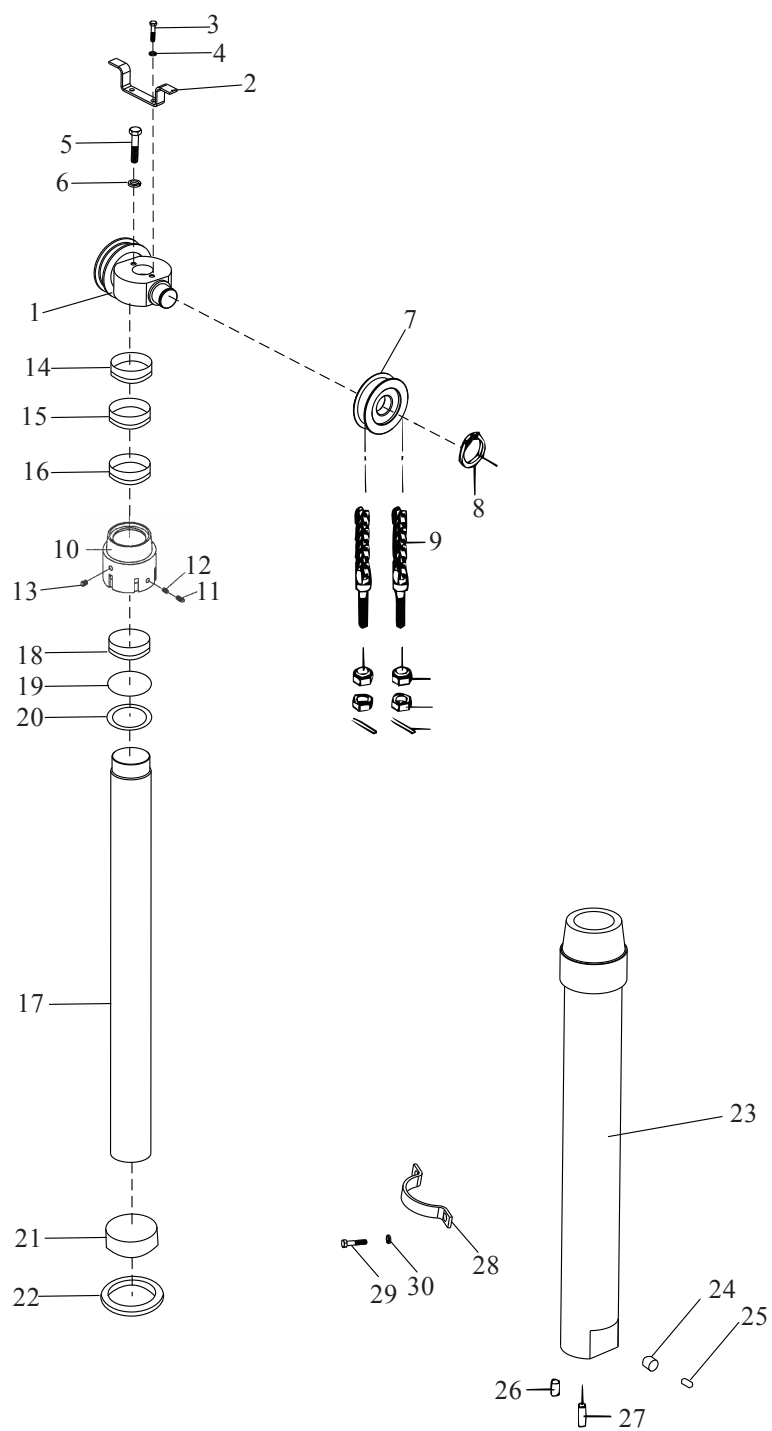
Front Lift Cylinder (Full Free 2-Stage Mast KZM)



Front Lift Cylinder (Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
20	A15A4-10308	89×95×1.5 Stopper	1	
21	A15A4-10309	80×25×2.5 Backup ring	1	
22	A15A4-10310	80×72×4 Sear ring	1	
23	A15A4-10311	Cylinder	1	
24	A15A4-10312	Spool	1	
25	A15A4-10313	Spring	1	
26	M30A3-80001	Bolt	1	
27	GB/T119.1	D×26 Pin	1	
28	Z15A3-90002	Support	1	
29	GB/T5786	M14×1.5×30 Bolt	2	
30	GB/T93	14 Washer,lock	2	

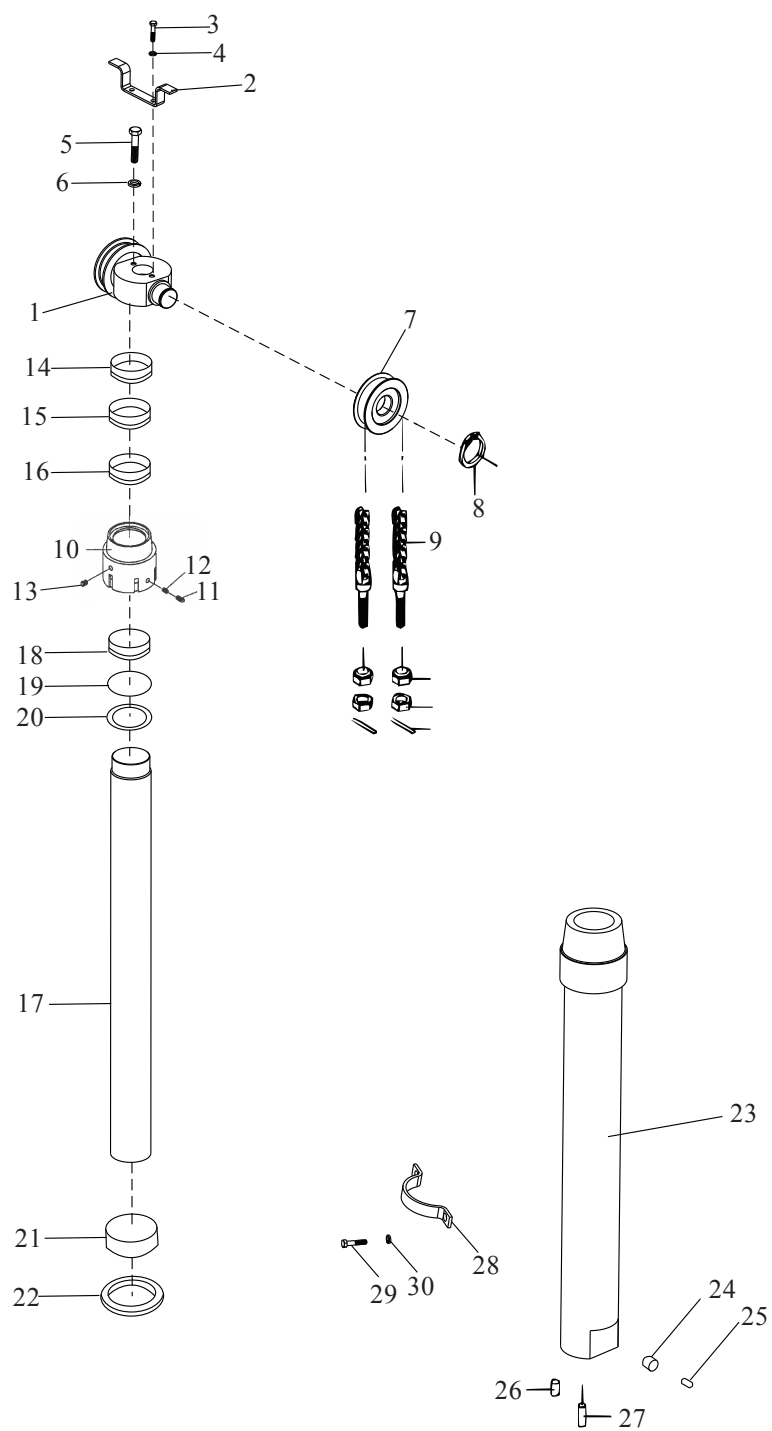
Front Lift Cylinder (Full Free 3-Stage Mast KZM)



Front Lift Cylinder (Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
A	A15A4-10500	Front lift cylinder ass'y	1	
1	Z15A3-90100	Sheave Seat	1	
2	Z15A3-90001	Stopper chain	1	
3	GB/T93	10 Washer,lock	2	
4	GB/T5783	M10×20 Bolt	2	
5	GB/T5783	M16×1.5×40 Bolt	1	
6	GB/T93	16 Washer,lock	1	
7	M15A3-80100	Sheave	2	
8	GB/T894.1	40 Snap ring	2	
9	LH1223×N	Chain ass'y	2	
10	A15A4-10501	Cap, lift cylinder	1	
11	GB/T73	M8×10 Screw	1	
12	A15A4-10502	6×3 Plug	1	
13	A15A4-10314	ZG1/8 " Plug	1	
14	A15A4-10503	Dust ring	1	
15	A15A4-10504	Snap ring	1	
16	A15A4-10505	Ring	1	
17	A15A4-10506	Piston rod	1	
18	A15A4-10507	Guide bushing	1	
19	GB/T3452.1	O-ring	1	

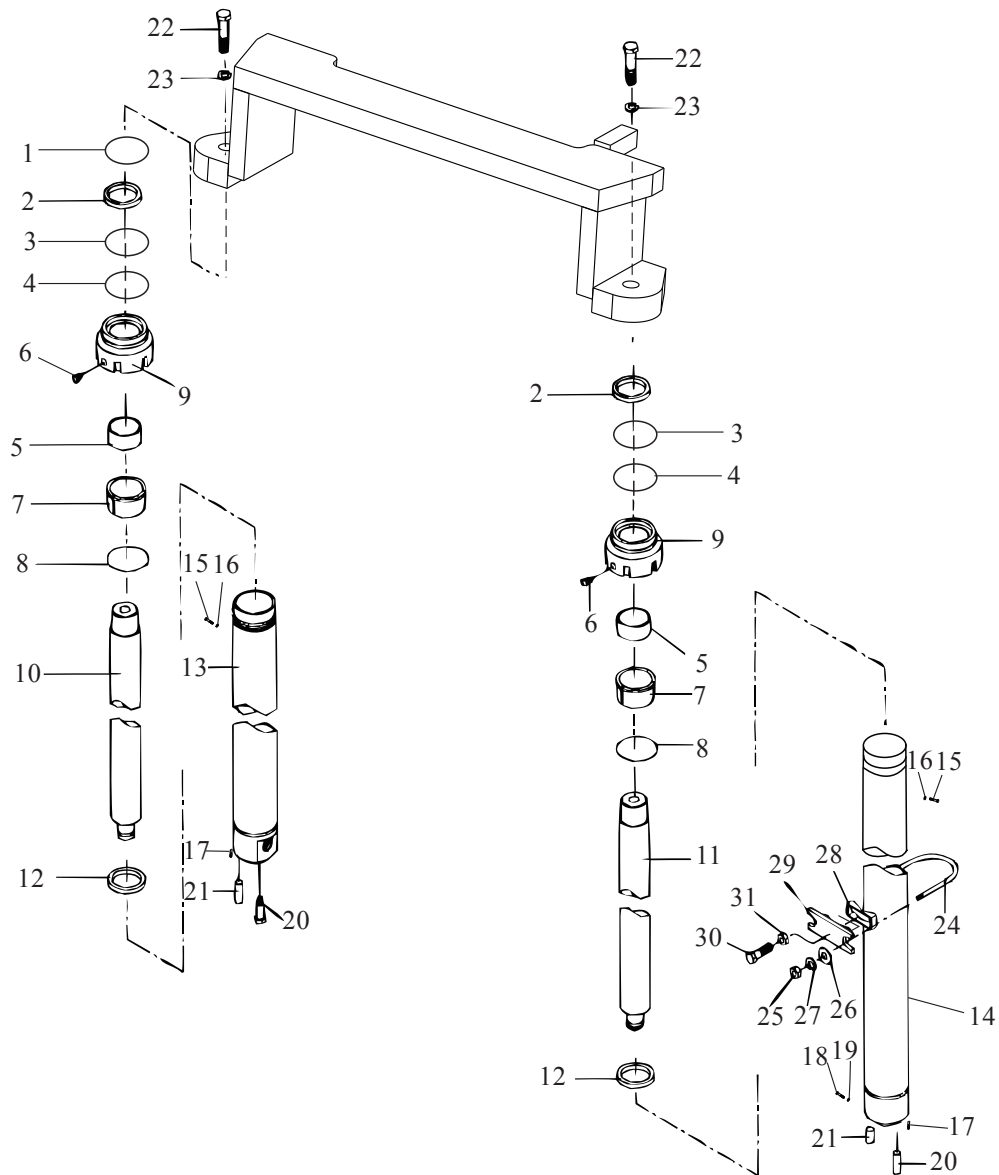
Front Lift Cylinder (Full Free 3-Stage Mast KZM)



Front Lift Cylinder (Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
20	A15A4-10508	Stopper	1	
21	A15A4-10509	Backup ring	1	
22	A15A4-10510	Sear ring	1	
23	A15A4-10511	Cylinder	1	
24	A15A4-10512	Spool	1	
25	A15A4-10513	Spring	1	
26	GB/T5783	M12×1.25×35 Bolt	1	
27	GB/T119.1	10×26 Pin	1	
28	Z15A3-90002	Support	1	
29	GB/T5786	M14×1.5×30 Bolt	2	
30	GB/T93	14 Washer,lock	2	

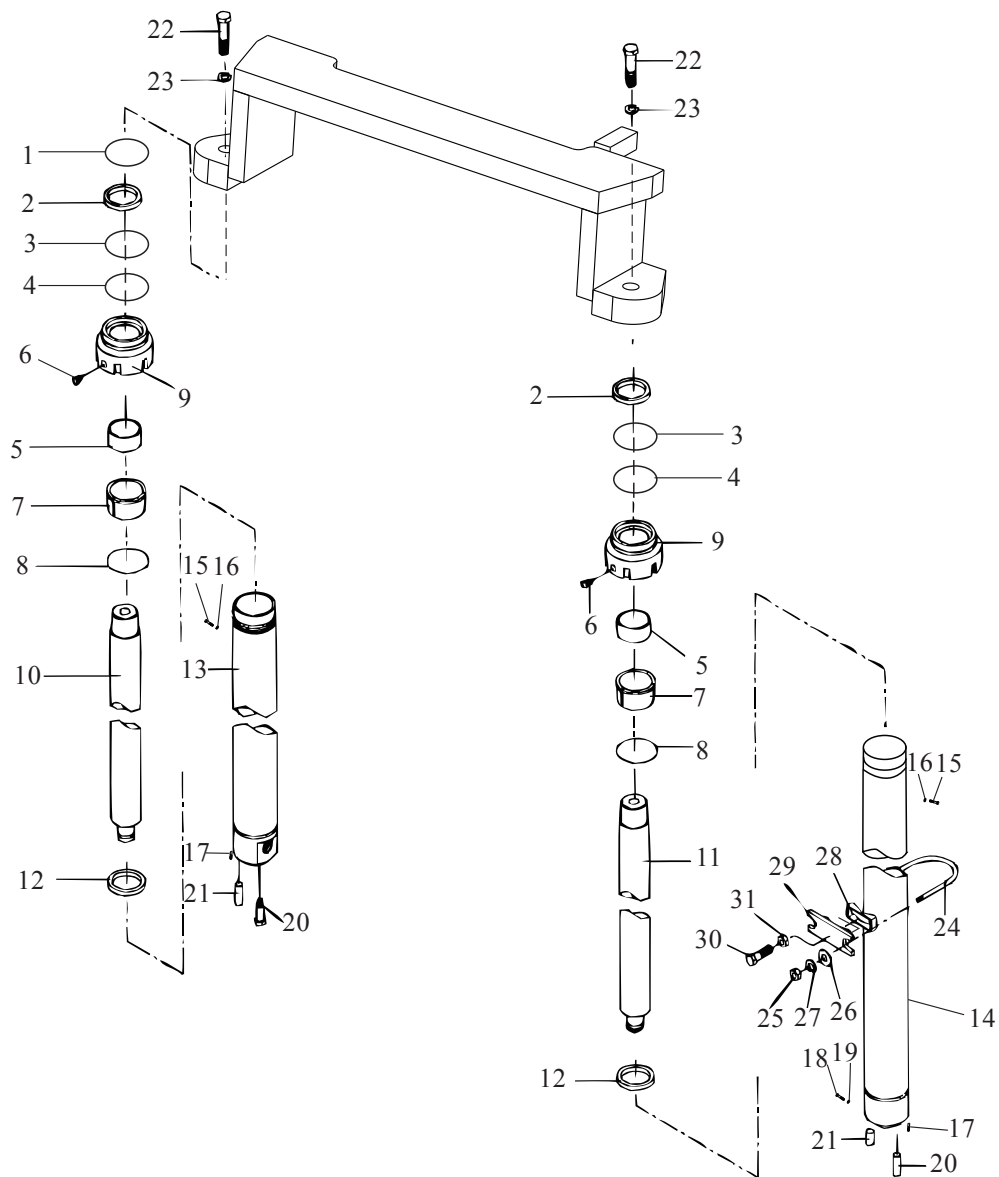
Rear Lift Cylinder (Full Free 2-Stage Mast KZM)



Rear Lift Cylinder (Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
A	A15A4-10400	Rear lift cylinder ass'y	1	
1	GB/T1235	22×2.4 O-ring	1	
2	A15A4-10401	32×44×7/10 Dust ring	2	
3	A15A4-10402	32×42×2 Stopper	2	
4	A15A4-10403	32×42×6 Ring	2	
5	A15A4-10404	32×36×30 Guide bushing	2	
6	A15A4-10405	Plug	4	
7	GB/T3452.1	47.5×2.65 O-ring	2	
8	A15A4-10406	48×51.8×1.5 Stopper	2	
9	A15A4-10407	Cap, lift cylinder	2	
10	A15A4-10408	Piston rod R.H.	1	
11	A15A4-10409	Piston rod L.H.	1	
12	A15A4-10410	45×20×2 Backup ring	2	
13	A15A4-10411	Cylinder R.H.	1	
14	A15A4-10412	Cylinder L.H.	1	
15	GB/T73	M8×10 Screw	2	
16	A15A4-10302	6×3 Plug	2	
17	GB/T119.1	D10×25 Pin	2	
18	A15A4-10414	Spool	1	
19	A15A4-10415	Spring	1	

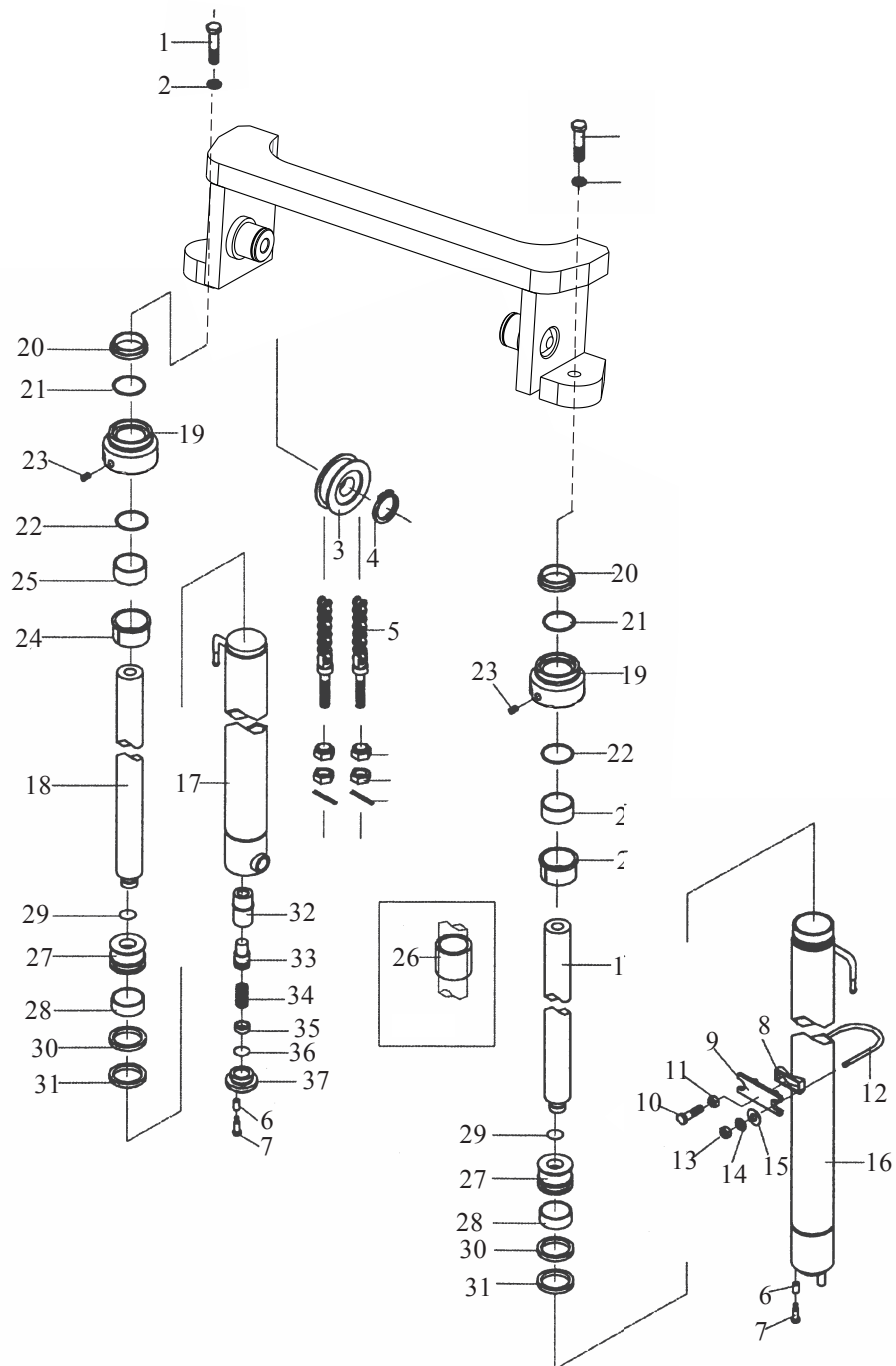
Rear Lift Cylinder (Full Free 2-Stage Mast KZM)



Rear Lift Cylinder (Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
20	M30A3-80001	Bolt	2	
21	GB/T119.1	D10×26 Pin	2	
22	GB/T5783	M16×40 Bolt	2	
23	GB/T93	16 Washer,lock	2	
24	M15A3-80001	U-Bolt	2	
25	GB/T6171	M10×1.25 Nut	4	
26	GB/T97.1	10 Washer	4	
27	GB/T93	10 Washer,lock	4	
28	M30A3-80002	Spacer	2	
29	M30A3-80003	Support	2	
30	GB/T5786	M12×1.25×60 Bolt	2	
31	GB/T3098.2	M12×1.25 Nut	2	

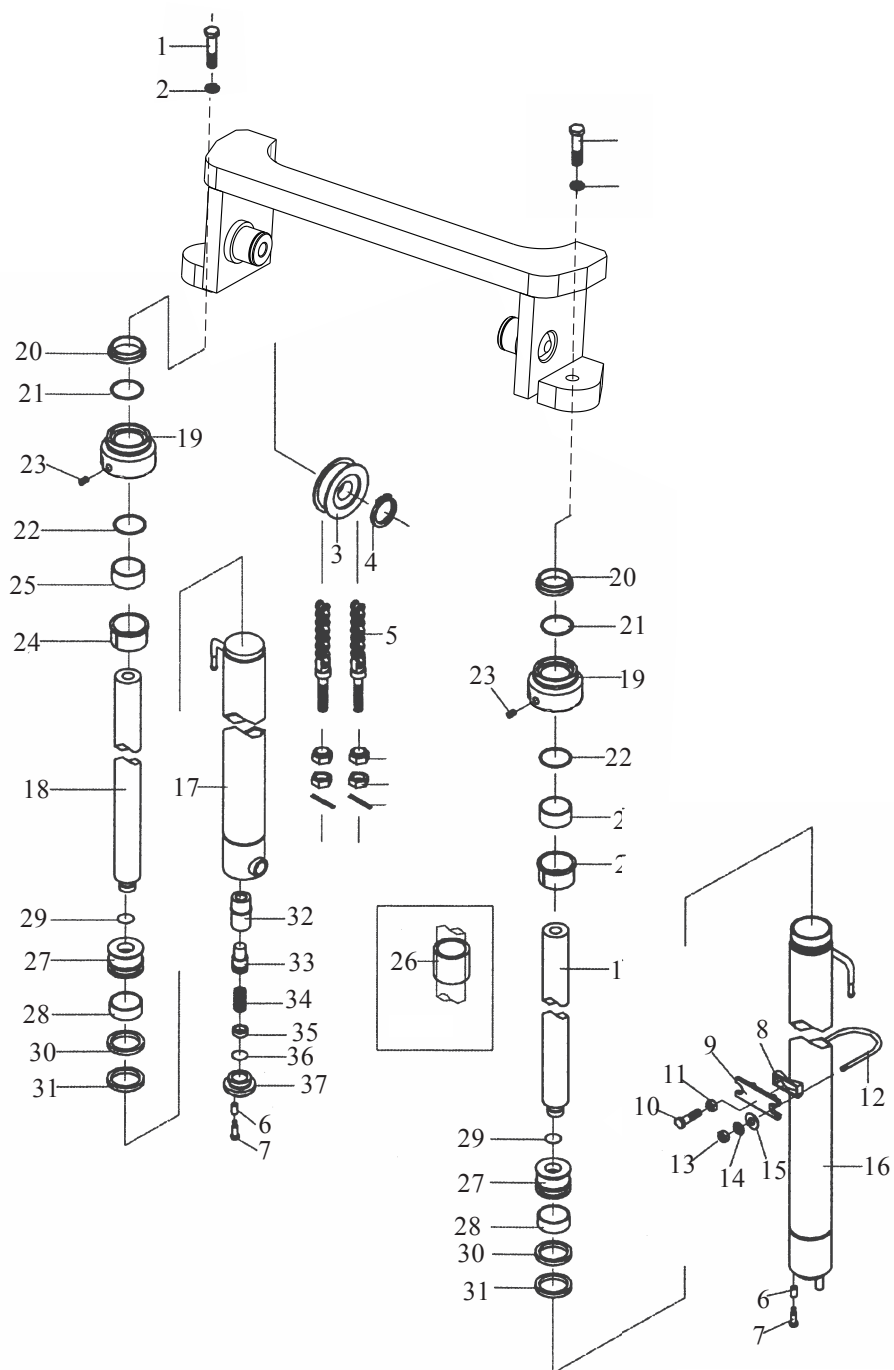
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



Rear Lift Cylinder (Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
A	A15A4-10600	Rear lift cylinder ass'y	1	
1	GB/T5786	M14×1.5×35 Bolt	2	
2	GB/T93	14 Washer,lock	2	
3	M15A3-80100	Sheave	2	
4	GB/T894.1	40 Snap ring	2	
5	LH1223×N	Chain ass'y	2	
6	GB/T119.1	D10×26 Pin	2	
7	M30A3-80001	Bolt	2	
8	M30A3-80002	Spacer	2	
9	M30A3-80003	Support	2	
10	GB/T5786	M12×1.25×60 Bolt	2	
11	GB/T3098.2	M12×1.25 Nut	2	
12	M15A3-80001	U-Bolt	2	
13	GB/T6171	M10×1.25 Nut	4	
14	GB/T97.1	10 Washer	4	
15	GB/T93	10 Washer,lock	4	
16	A15A4-10601	Cylinder L.H.	1	
17	A15A4-10602	Cylinder R.H.	1	
18	A15A4-10603	Piston rod	2	
19	A15A4-10604	Guide,Sleeve	2	

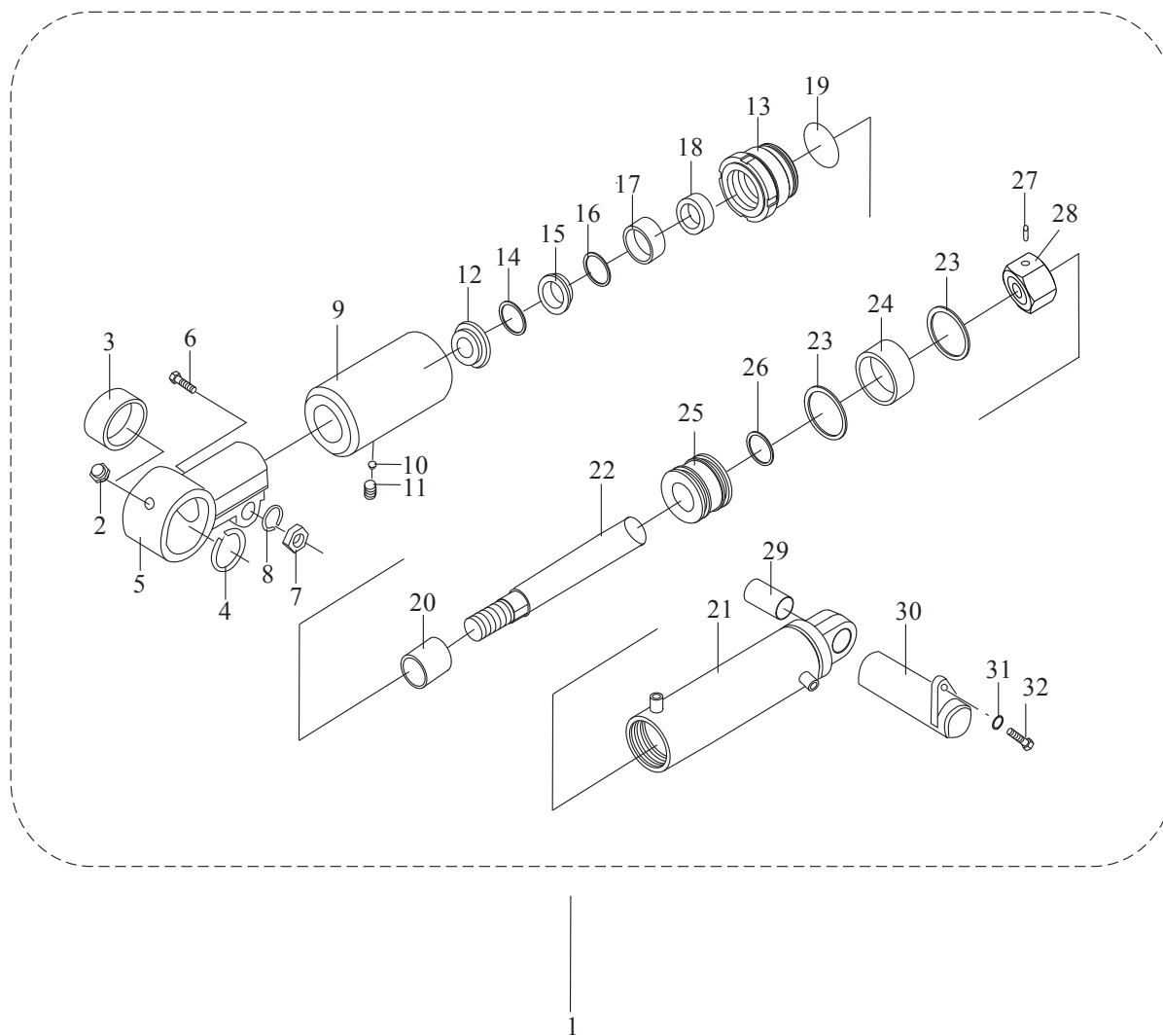
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



Rear Lift Cylinder (Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
20	A15A4-10605	Dust ring	2	
21	A15A4-10606	36×46×6 Ring	2	
22	GB/T1235	O-ring	2	
23	A15A4-10607	Plug	2	
24	A15A4-10608	Sleeve	2	
25	A15A4-10609	3630 Guide bushing	2	
26	A15A4-10610	Spacer	2	
27	A15A4-10611	Piston	2	
28	A15A4-10612	Wearing	2	
29	A15A4-10613	Snap ring	2	
30	A15A4-10614	Ring, back up	2	
31	A15A4-10615	U-ring	2	
32	A15A4-10616	Sleeve	1	
33	A15A4-10617	Spool	1	
34	A15A4-10618	Spring	1	
35	A15A4-10619	Seat, spring	1	
36	GB/T1235	O-ring	1	
37	A15A4-10620	Seat, valve	1	

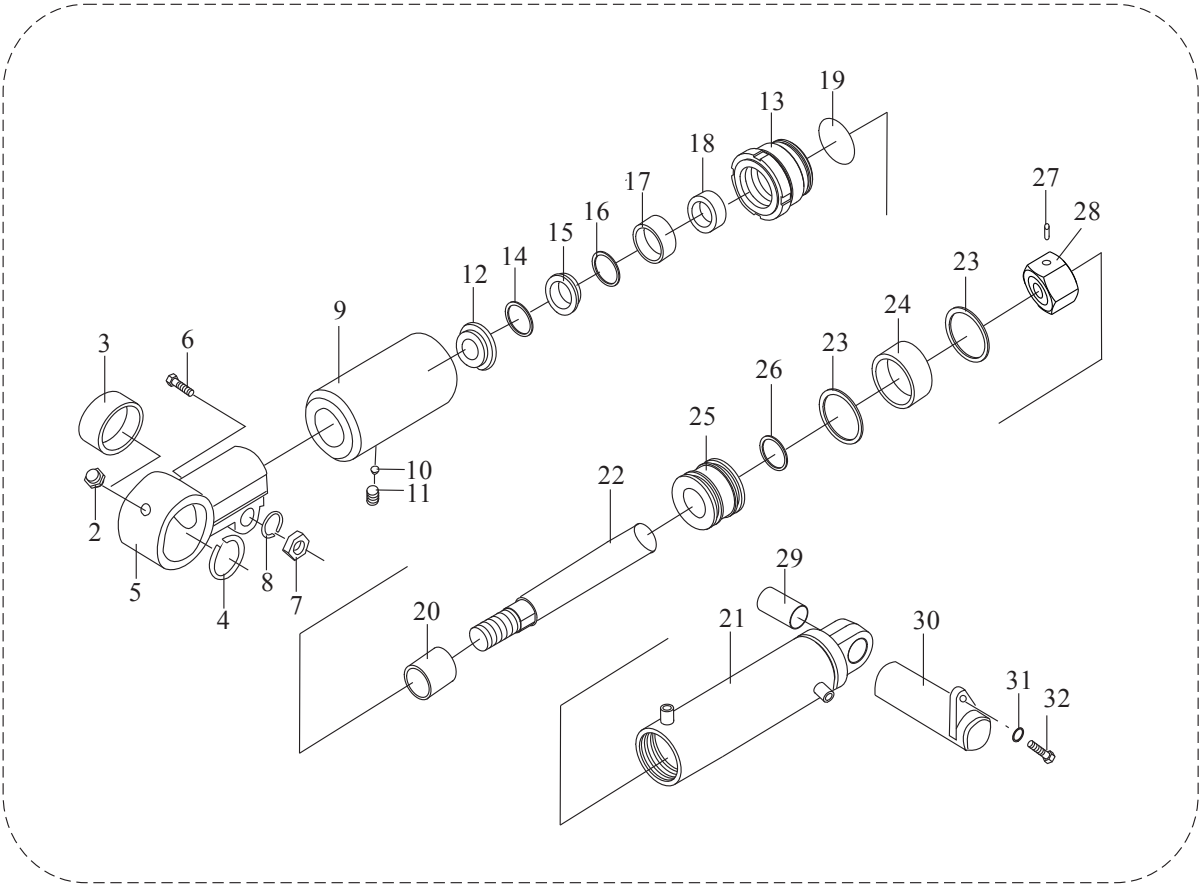
Tilt cylinder



Tilt cylinder

Item	Part No	Description	Q'ty	Remark
1	A15B4-10200	Tilt cylinder assy	2	
2	GB/T1152	M10×1 Nipple grease	2	
3	GB/T304.5	GE30ES Bushing	2	
4	GB/T893.1	47 Ring,snap	2	
5	A15B4-10201	Ear ring	2	
6	GB/T5785	M14×1.5×55 Bolt	2	
7	GB/T6071	M14×1.5 Nut	2	
8	GB/T93	14 Washer,lock	2	
9	A15B4-10202	Spacer	2	
10	A15B4-10203	Plug	2	
11	GB/T73	M8×10 Screw	2	
12	A15B4-10204	30×47×8×10 Seal,dust	2	
13	A15B4-10205	Cap, lift cylinder	2	
14	GB/T893.1	47 Ring,snap	2	
15	A15B4-10206	Ring, back up	2	
16	A15B4-10207	30×43×3 Ring,snap	2	
17	A15B4-10208	30×43×10 Ring	2	
18	A15B4-10209	57.6×63×1.5 Ring,snap	2	
19	GB/T3452.1	56×3.55 O-ring	2	
20	A15B4-10210	3025 Guide bushing	2	
21	A15B4-10211	Tube,cylinder ass'y	2	

Tilt cylinder



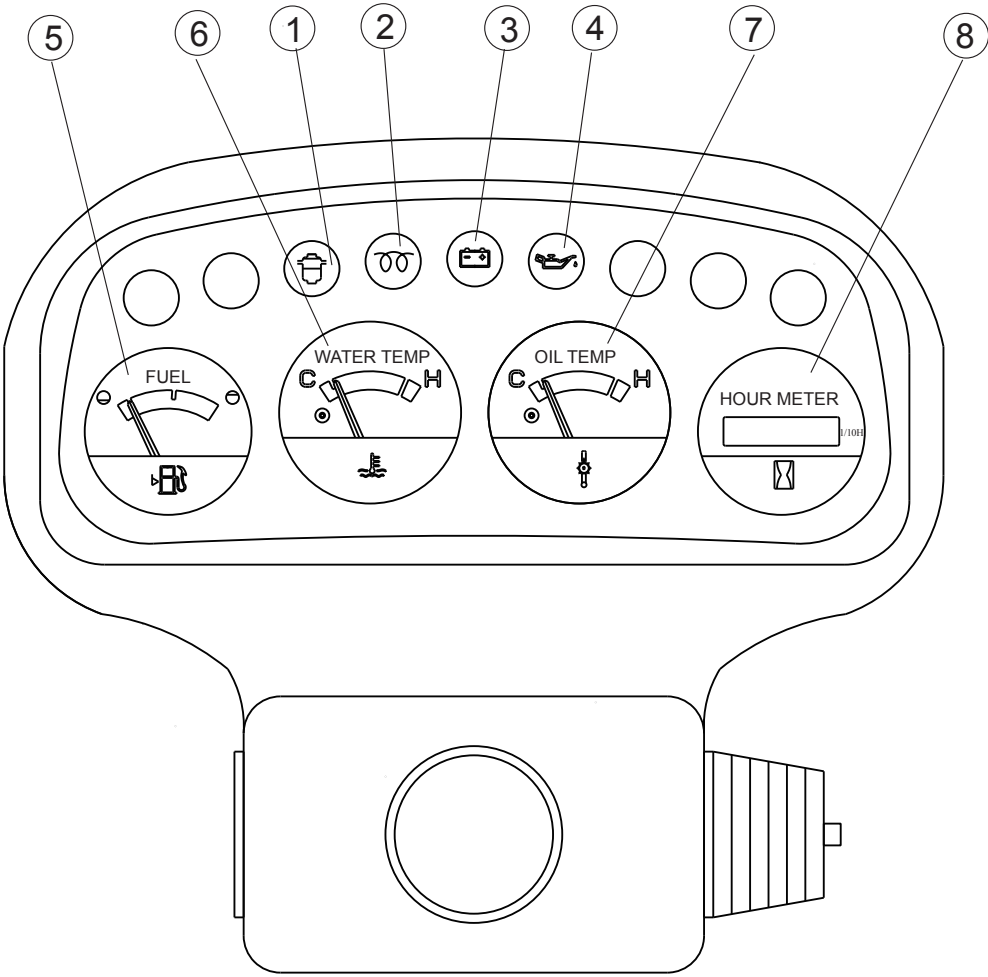
1

Tilt cylinder

Item	Part No	Description	Q'ty	Remark
22	A15B4-10212	piston body	2	
23	A15B4-10213	63×53×6 Ring	4	
24	A15B4-10214	63×14.7×2.5 Wearing	2	
25	A15B4-10215	Piston	2	
26	GB/T1235	24×2.4 O-ring	2	
27	GB/T91	5×50 Pin	2	
28	GB/T6181	M24×2 Nut	2	
29	A15B4-10216	3032 Guide bushing	2	
30	M30A3-00100	Pin	2	
31	GB/T5786	M10×1.25×20 Bolt	2	
32	GB/T93	10 Washer,lock	2	

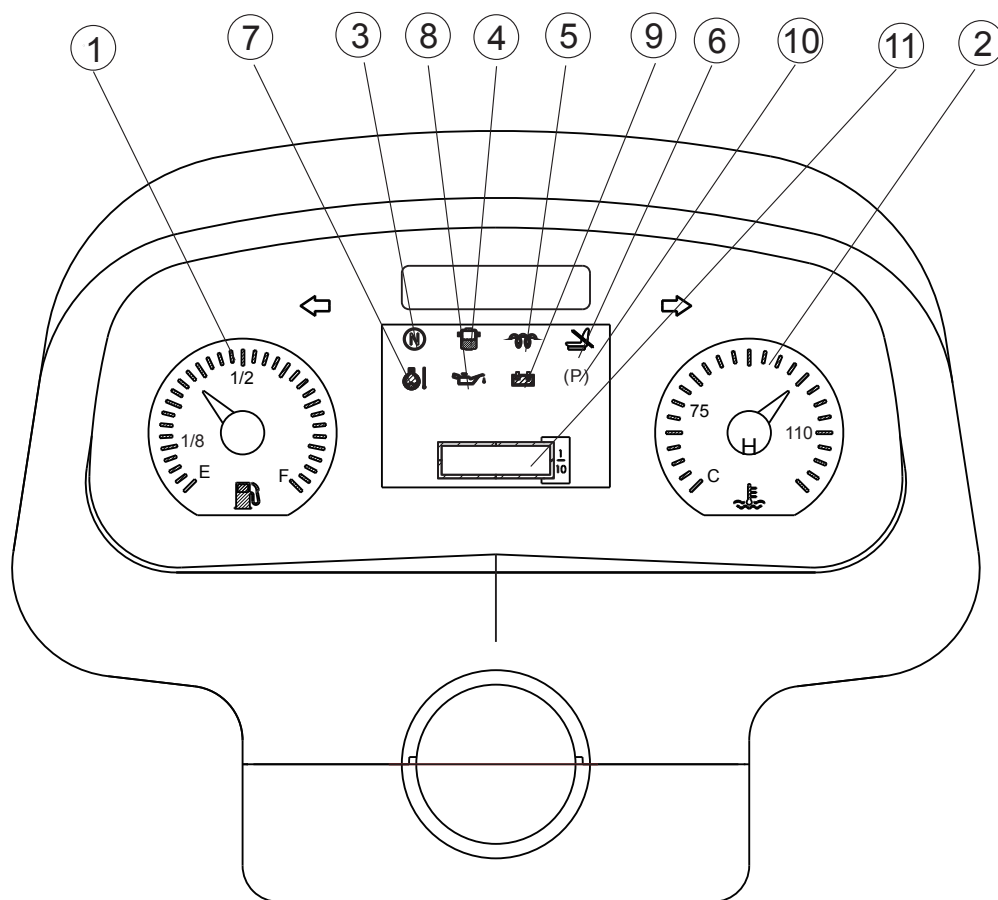
ELECTRIC SYSTEM

Instrument assembly(Hydraulic transmission)



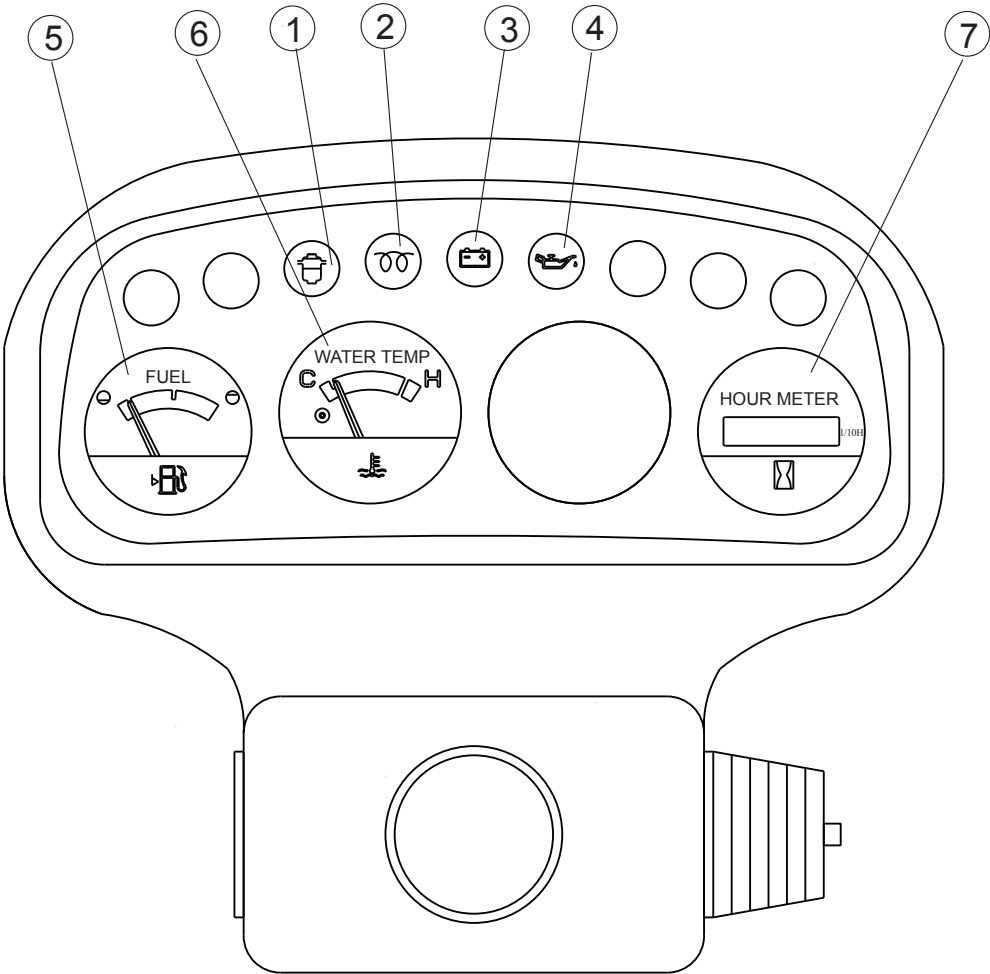
(Item)	(Name)
1	(Oil-water separation instructions)
2	(Preheat instructions)
3	(Not charging instructions)
4	(Oil alarm instructions)
5	(Fuel instructions)
6	(Water temperature table)
7	(Oil temperature table)
8	(Schedule)

Instrument assembly(Hydraulic transmission)



(Item)	(Name)
1	(Fuel instructions)
2	(Water temperature table)
3	(Neutral instructions)
4	(Oil-water separation instructions)
5	(Preheat instructions)
6	(Seat switch)
7	(Oil temperature alarm instructions)
8	(Oil alarm instructions)
9	(Not charging instructions)
10	(Hand brake instructions)
11	(Hour meter)

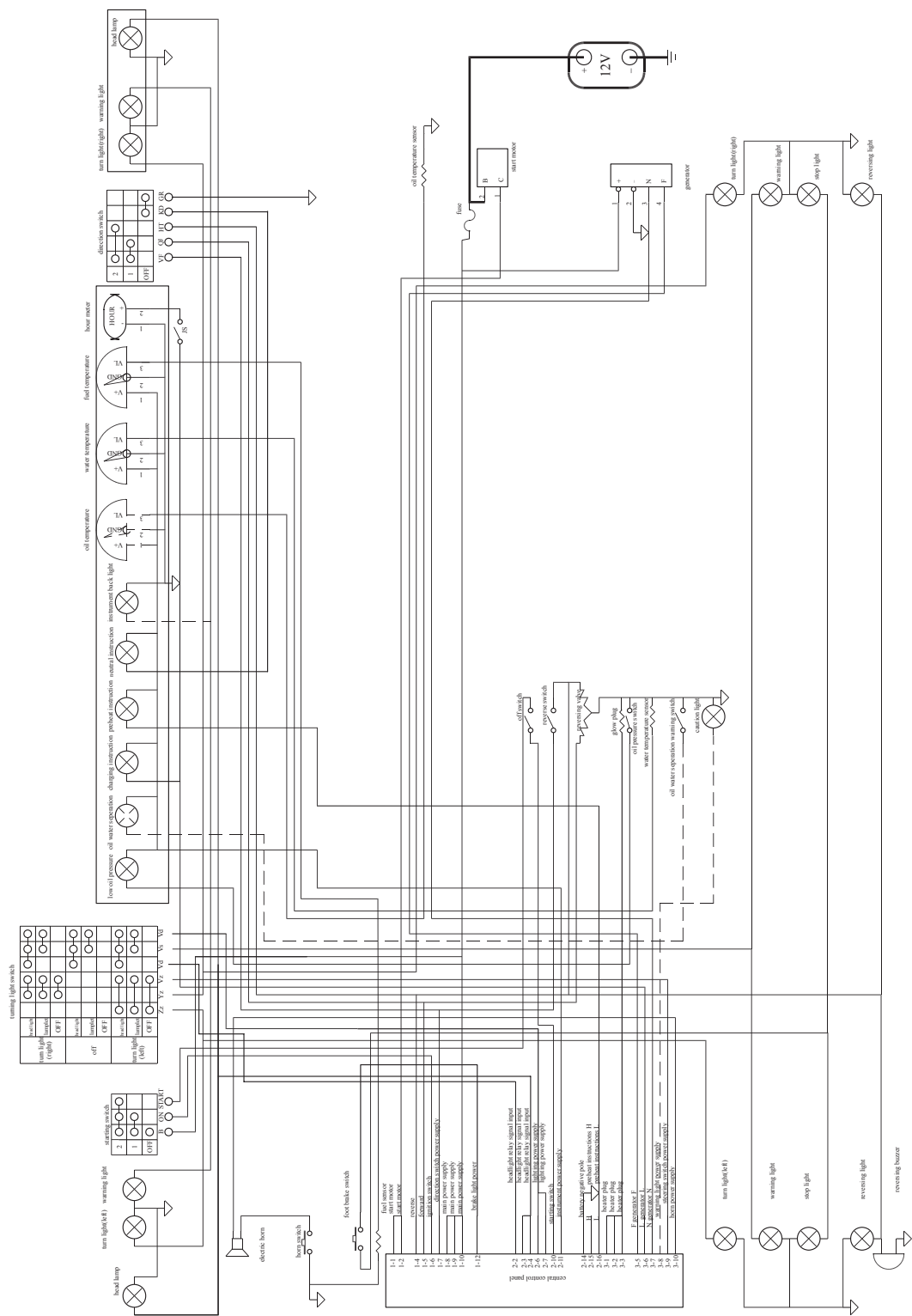
Instrument assembly(Mechanical transmission)



(Item)	(Name)
1	(Oil-water separation instructions)
2	(Preheat instructions)
3	(Not charging instructions)
4	(Oil alarm instructions)
5	(Fuel instructions)
6	(Water temperature table)
7	(Schedule)

Electric system

FD10,15,18-X11



Electrical circuit diagram

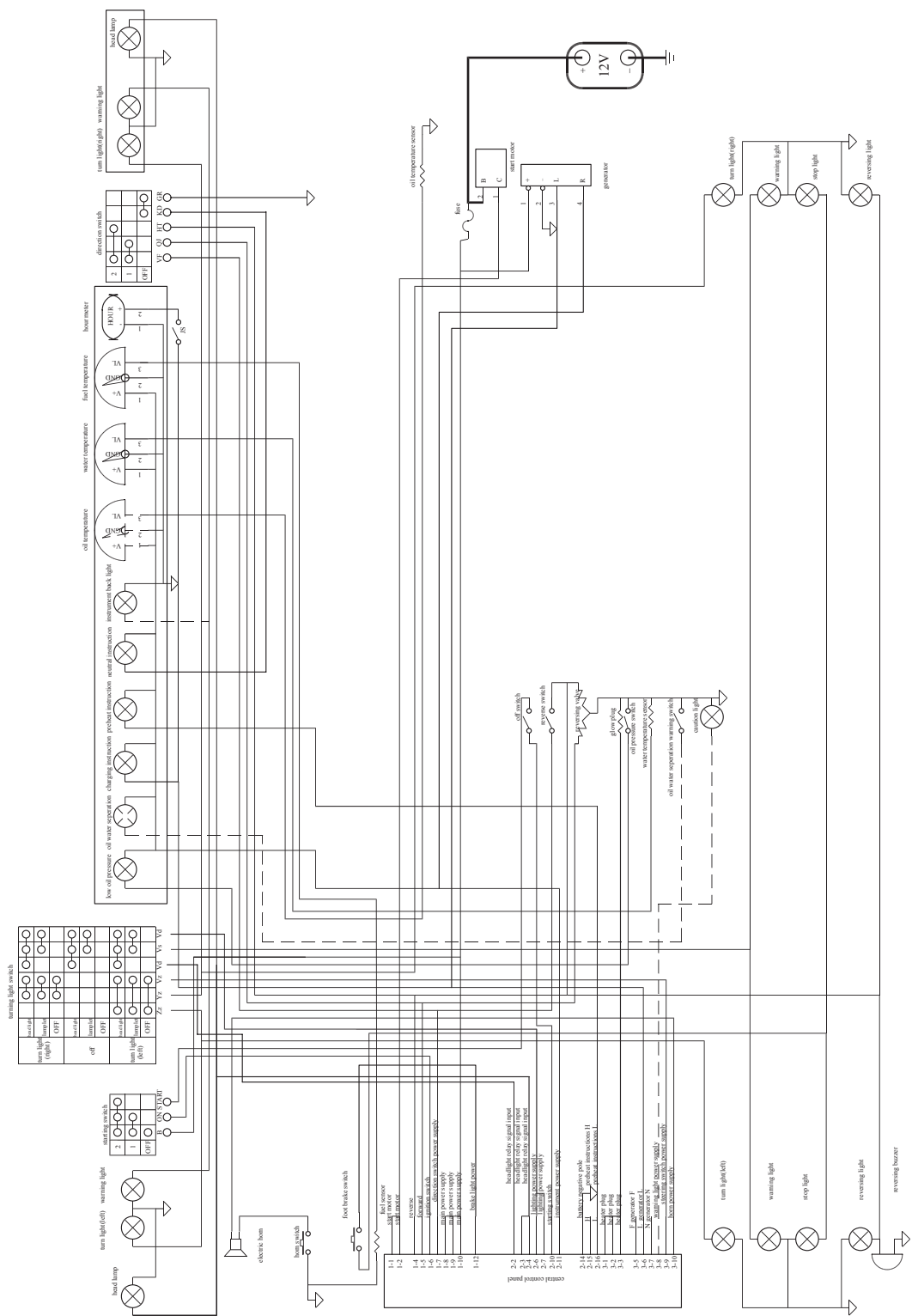
Electric system

FD10,15,18-X11

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-01000	Panel	1	
3	GB/T823	M5×6 Screw	4	
4	DT04G-12WD2	Head lamp ass'y	2	
5	DT04G-12ZQX	Side lamp ass'y	2	
6	DT04G-12XH8	Rear combination lamp	1	
7	DT04G-LTD152	Caution light	1	
8	A30C2-00400	Left head guard harness	1	
9	A30C2-00500	Right head guard harness	1	
10	A30C2-00700	Cable	1	
11	A30C2-00800	Cable	1	
12	A30B2-00900	Fused link wire	1	
13	A30C2-00300	Cabinet harness	1	
14	A15C2-00300M	Engine harness	1	
15	180	Binding	15	
16	DT05G-JK205A	Brake switch	1	
17	DT09G-DJB12B	Back buzzer	1	
18	DT09G-DL124ED	Horn	1	
19	DT02G-Jk802	Integral switch	1	
-	DT02G-Jk804	Integral switch	1	
20	DT01G-ZC108	Combination	1	
-	DT01G-ZC108W	Combination	1	
-	DT04G-ZB909	Combination	1	
21	GB/T5783	M6×35 Bolt	4	
22	GB/T93	6 Washer, lock	4	
23	GB/T97.1	6 Washer	4	
24	DT03G-R1/2SY	Oil temp sending unit	1	
25	DT03G-YG252	Fuel sensor	1	
26	DT03G-WG409SY	Water temperature sensor	1	

Electric system

FD10,15,18-W1
FY10,15,18-R1



Electrical circuit diagram

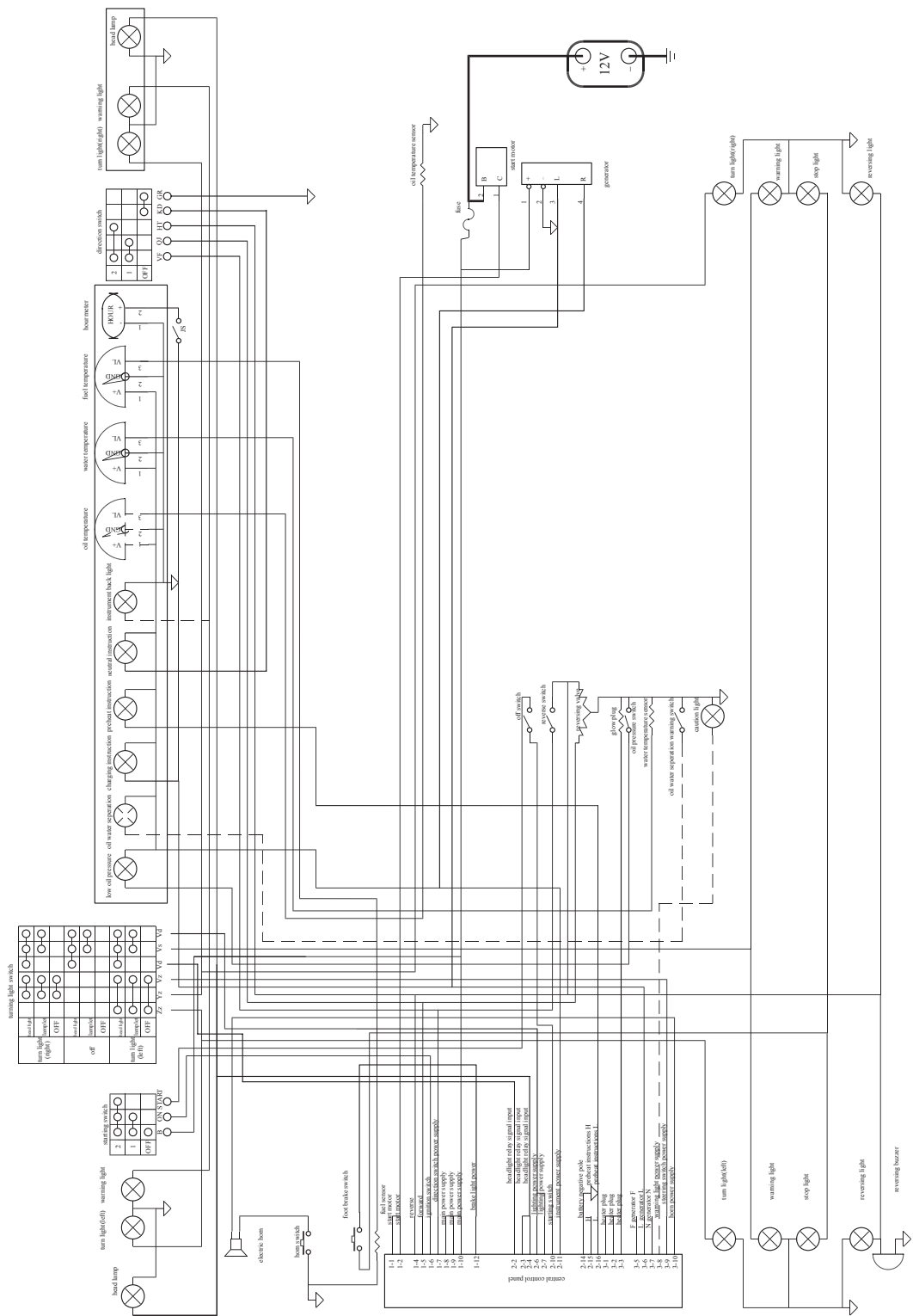
Electric system

FD10,15,18-W1
FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-10100	Panel	1	
3	GB/T823	M5×6 Screw	4	
4	DT04G-12WD2	Head lamp ass'y	2	
5	DT04G-12ZQX	Side lamp ass'y	2	
6	DT04G-12XH8	Rear combination lamp	1	
7	DT04G-LTD152	Caution light	1	
8	A30C2-00400	Left head guard harness	1	
9	A30C2-00500	Right head guard harness	1	
10	A30G2-00700	Cable	1	
11	A30C2-00800	Cable	1	
12	A30B2-00900	Fused link wire	1	
13	A30C2-00300	Cabinet harness	1	FD10,15,18-W1 FY10,15,18-R1
–	A30E2-80100	Cabinet harness	1	FY10,15,18-R1
14	A15E2-00200	Engine harness	1	FD10,15,18-W1
–	A30F2-00300R	Engine harness	1	FY10,15,18-R1
15	180	Binding	15	
16	DT05G-JK205A	Brake switch	1	
17	DT09G-DJB12B	Back buzzer	1	
18	DT09G-DL124ED	Horn	1	
19	DT02G-Jk802	Integral switch	1	
–	DT02G-Jk804	Integral switch	1	
20	DT01G-ZC108	Combination	1	
–	DT01G-ZC108W	Combination	1	
–	DT04G-ZB909	Combination	1	
21	GB/T5783	M6×35 Bolt	4	
22	GB/T93	6 Washer, lock	4	

Electric system

FD10,15,18-W1
FY10,15,18-R1



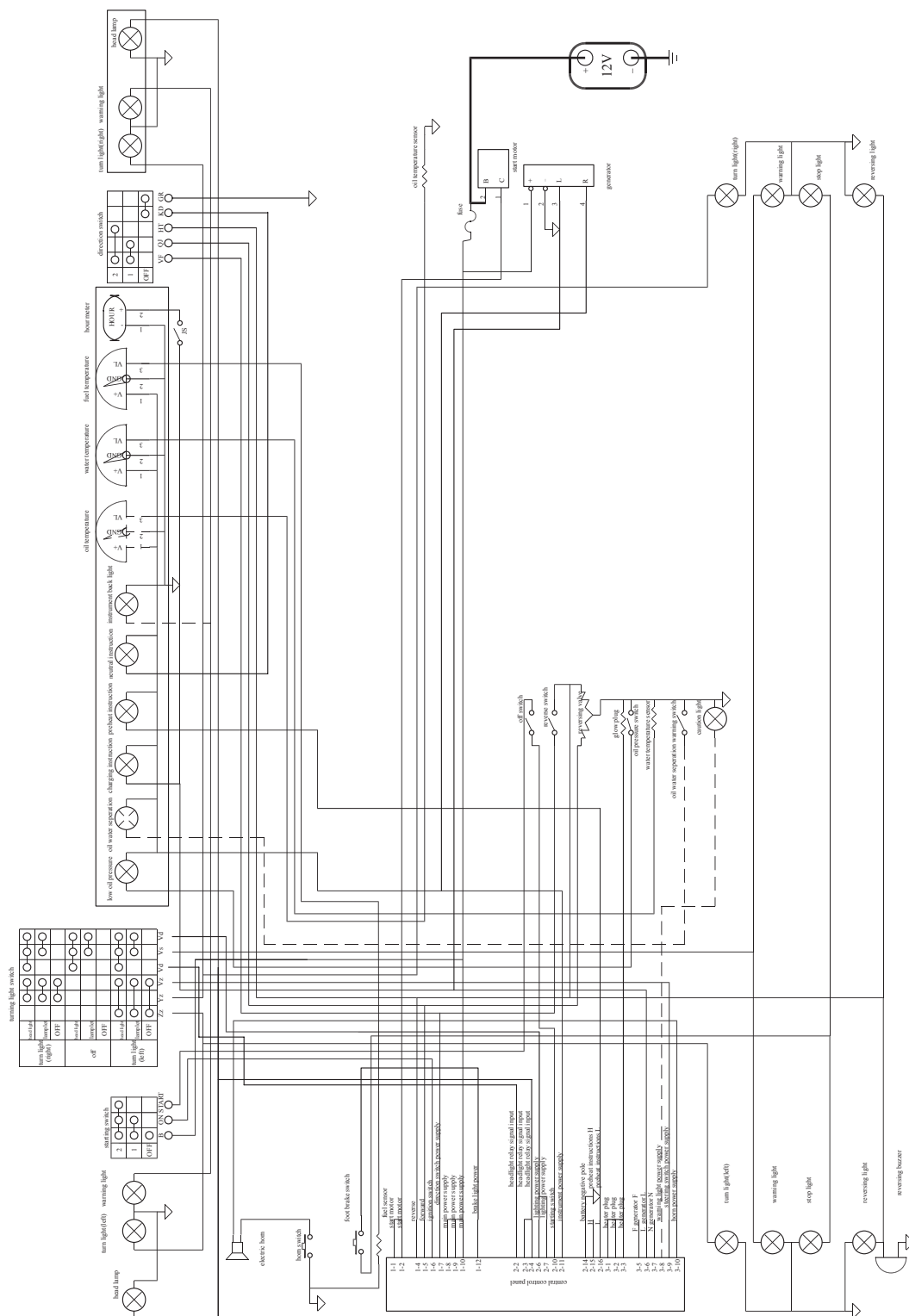
Electrical circuit diagram

Electric system

FD10,15,18-W1
FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
23	GB/T97.1	6 Washer	4	
24	DT03G-R1/2SY	Oil temp sending unit	1	
25	DT03G-YG252	Fuel sensor	1	
26	DT03G-WG409SY	Water temperature sensor	1	
27	DT06G-JD1914	Intermediate relay	1	FY10,15,18-R1
28	A70S2-00900	Emergency power off	1	FY10,15,18-R1

Electric system(European standard) FY10,15,18-R1



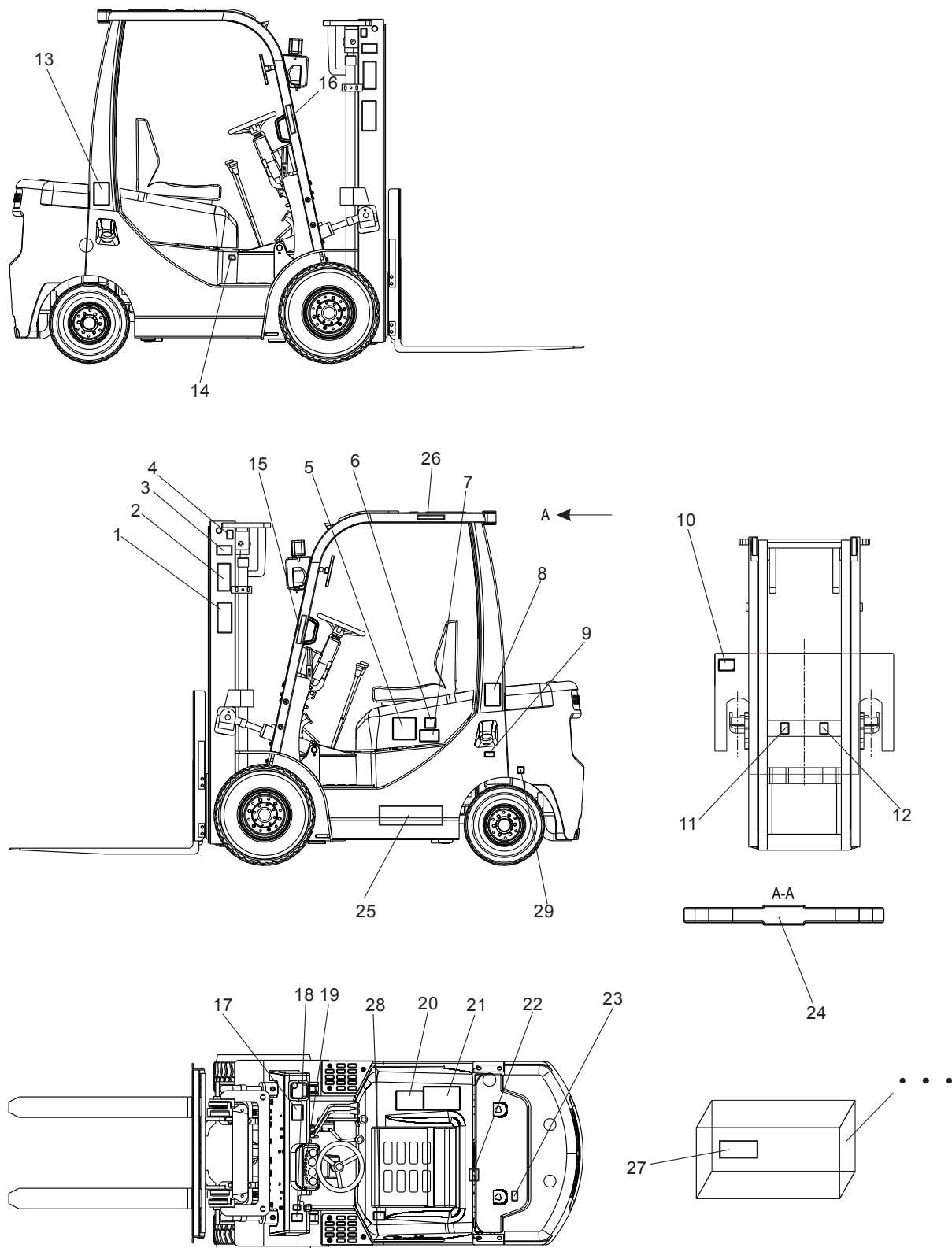
Electrical circuit diagram

Electric system(European standard) FY10,15,18-R1

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-01010	Panel	1	
3	GB/T823	M5×6 Screw	4	
4	DT04G-12WD2	Head lamp ass'y	2	
5	DT04G-12ZQX	Side lamp ass'y	2	
6	DT04G-12XH8	Rear combination lamp	1	
7	DT04G-LTD152	Caution light	1	
8	A30C2-00400	Left head guard harness	1	
9	A30C2-00500	Right head guard harness	1	
10	A30C2-00702	Cable	1	
11	A30C2-00701	Cable	1	
12	A30B2-00900	Fused link wire	1	
13	A15F2-00310R	Vehicle harness	1	
14	180	Binding	15	
15	DT05G-JK205A	Brake switch	1	
16	DT09G-DJB12B	Back buzzer	1	
17	DT09G-DL124ED	Horn	1	
18	DT02G-Jk802	Integral switch	1	
-	DT02G-Jk804	Integral switch	1	
19	DT04G-ZB909	Combination	1	
20	GB/T5783	M6×35 Bolt	4	
21	GB/T93	6 Washer, lock	4	
22	GB/T97.1	6 Washer	4	
23	DT03G-R1/2SY	Oil temp sending unit	1	
24	DT03G-YG252	Fuel sensor	1	
25	DT03G-WG409SY	Water temperature sensor	1	
26	DT06G-JD1914	Intermediate relay	1	
27	A70S2-00900	Emergency power off	1	

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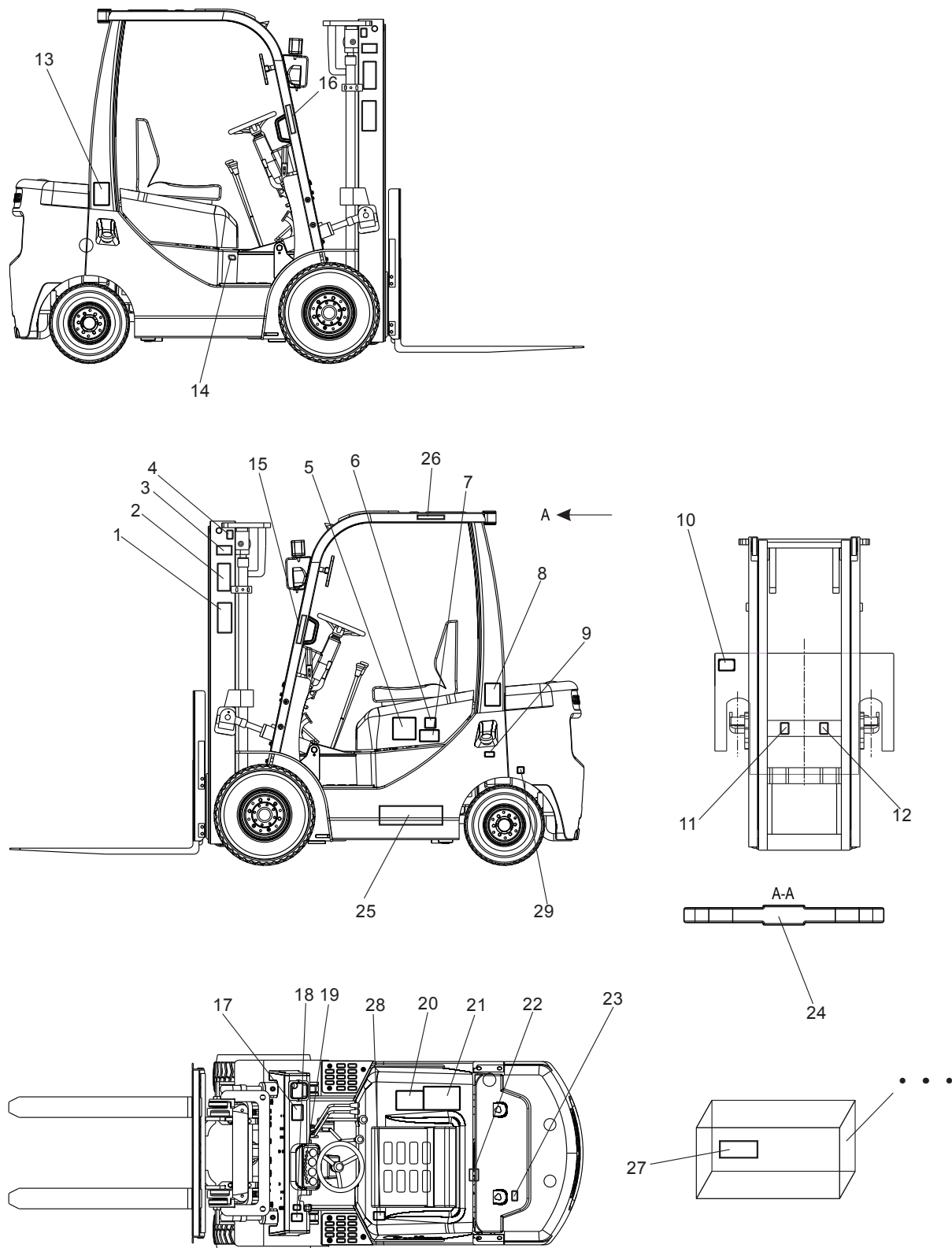
Decal



Decal

Item	Part No	Description	Q'ty	Remark
1		Decal	2	homeland
-		"LOGO" Decal	2	go abroad
2	GCI0001	Decal, safety	2	homeland
-	GCIY053	Decal, safety	2	go abroad
3	GCI0022	CE Decal	2	go abroad
4	GCI0014	Decal,sling	2	homeland
-	GCIY066	Decal,sling	2	go abroad
5	GCI0006	Decal,model	2	
6	GCI0023	"10" Decal	2	1t
-	GCI0025	"15" Decal	2	1.5t
-	GCI0027	"18" Decal	2	1.8t
7		"LOGO" Decal	2	
8	GCI0005	Decal,caution	1	homeland
-	GCIY057	Decal,caution	1	go abroad
9	GCI0008	Decal,fuel	1	homeland
-	GCI0091	Decal,fuel	1	homeland
-	GCI0092	LPG Decal,fuel	1	LPG homeland
-	GCIY060	Decal,fuel	1	go abroad
-	GCIY095	Decal,fuel	1	go abroad
-	GCIY096	LPG Decal,fuel	1	LPG go abroad
10	GCI0094	Name plate	1	homeland
-	GCIY097	Name plate	1	go abroad
11	GCI0016	Decal, padlod mast space	1	homeland
-	GCIY068	Decal, padlod mast space	1	go abroad
12	GCI0017	Decal,notice thumb hand	1	homeland
-	GCIY069	Decal,notice thumb hand	1	go abroad
13	GCI0013	Decal,tyre safety	1	homeland
-	GCIY065	Decal,tyre safety	1	go abroad

Decal



Decal

Item	Part No	Description	Q'ty	Remark
14	GCI0010	Decal,adding hydraulic oil	1	homeland
-	GCIY062	Decal,adding hydraulic oil	1	go abroad
15	GCIY273	Read instructions warning	1	
16	GCIY272	Fasten seat belts warning logo	1	
17	GCI0114	1-1.8t Decal,lubrication chart	1	homeland
-	GCIY115	1-1.8t Decal,lubrication chart	1	go abroad
18	GCI0407	Decal,Parking brake adjustment	1	homeland
-	GCIY275	Decal,Parking brake adjustment	1	go abroad
19	GCI0412	Decal	1	homeland
-	GCIY411	Decal	1	go abroad
20	GCI0003	Decal,lubrication chart	1	homeland
-	GCIY055	Decal,lubrication chart	1	go abroad
21	GCI0004	Decal	1	homeland
-	GCIY056	Decal	1	go abroad
22	GCI0012	Decal,fan safety	1	homeland
-	GCIY064	Decal,fan safety	1	go abroad
23	GCI0009	Decal,antifreeze liquid	1	homeland
-	GCIY061	Decal,antifreeze liquid	1	go abroad
24		Logo Decal	1	
25		Decal	1	homeland
26	GCI0122	Warning logo	1	homeland
-	GCIY124	Warning logo	1	go abroad
27	GCI0121	Electrical warning logo	1	homeland
-	GCIY125	Electrical warning logo	1	go abroad
28	GCI0409	Ban manned sign	1	homeland
-	GCIY410	Ban manned sign	1	go abroad
29	GCIY408	Weight lifting logo	2	



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