



PARTS MANUAL

TG30C

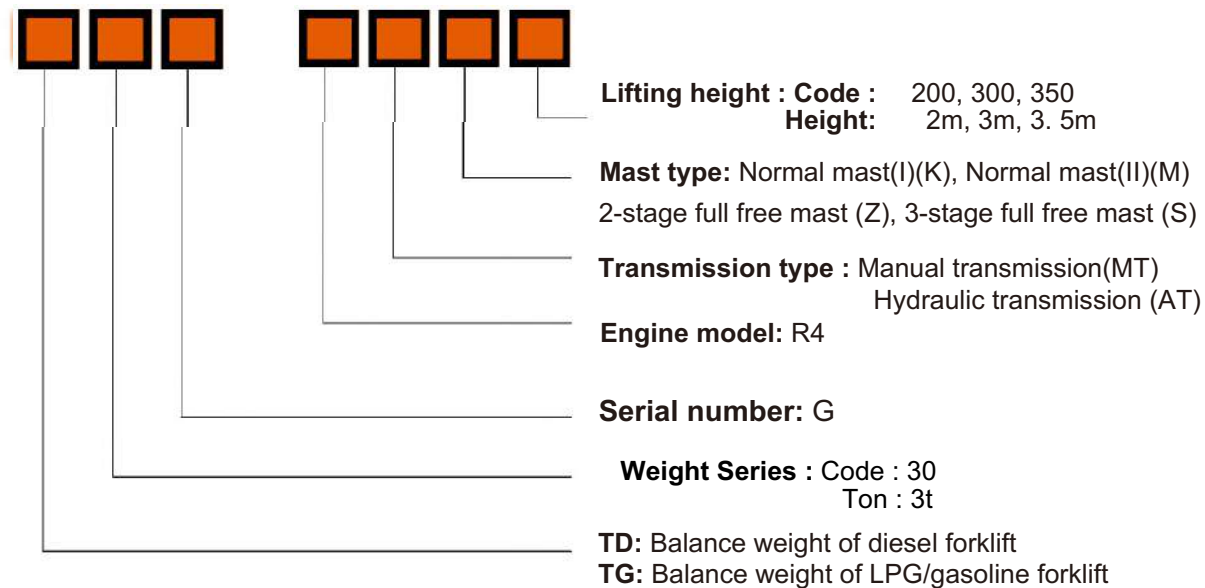
TGC 3t Cushion Tire Forklift

TITAN[®]
— F O R K L I F T S —



FOREWORD

1. This parts list is applied to the **TG30** 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 ordering 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 forklift truck :

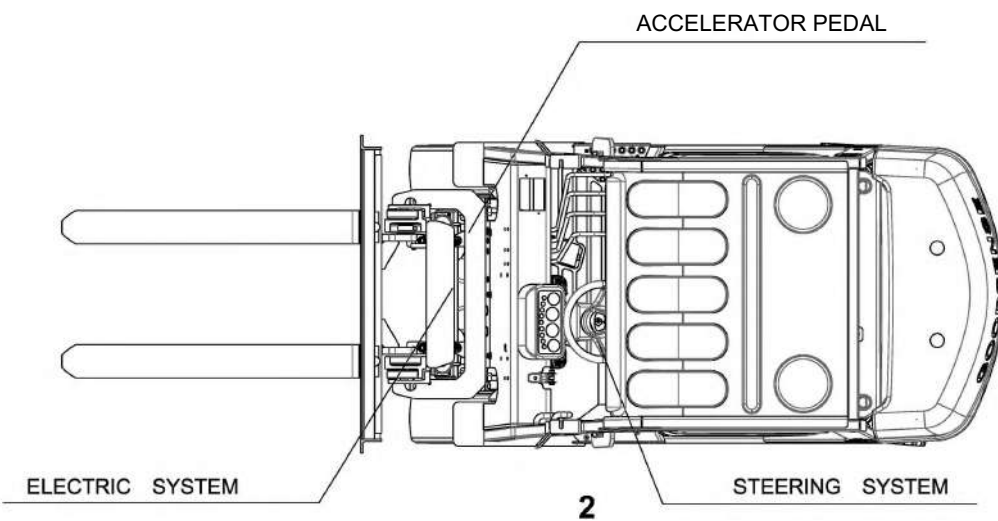
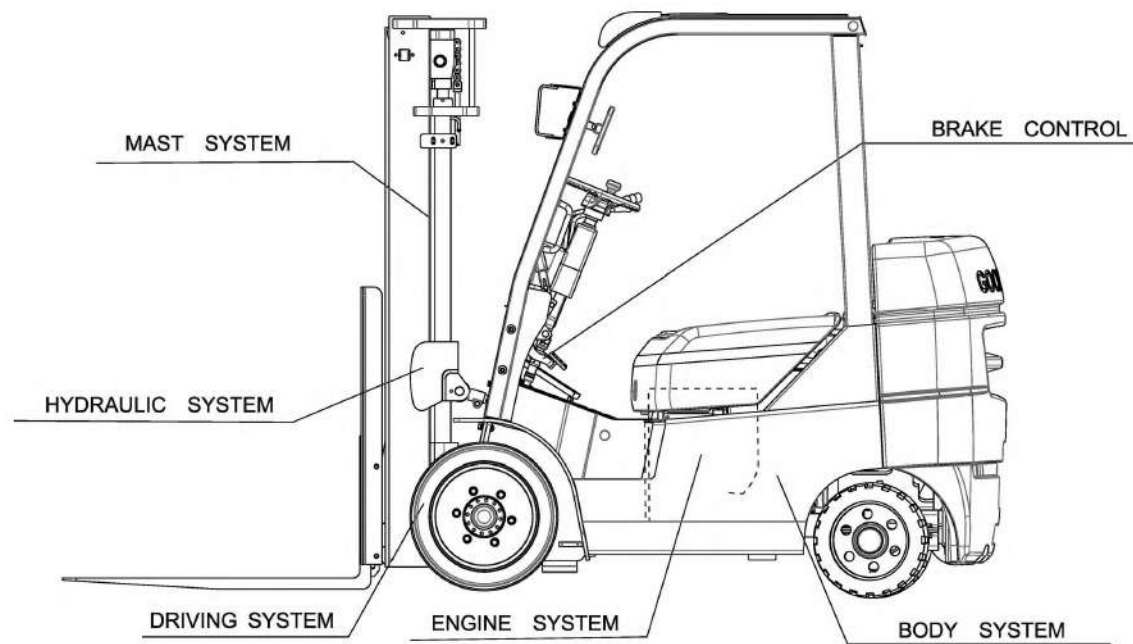


4. If there is any change, we will not notify.
5. Model application: Engine model and maximum capacity.
6. The following trucks are provided with corresponding engine.

TG30/32-R4/K25EPA

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

GROUP INDEX



INDEX

1. ENGINE SYSTEM

Engine Mount	_____	1-01
Cooling System	_____	1-02
Exhaust System	_____	1-03

2. DRIVING SYSTEM

Drive Unit Mount (Tor-Con Type)	_____	2-01
Differential	_____	2-02
Drive Unit (Tor-Con Type)	_____	2-03
Drive Unit (Cover & Inching Valve)	_____	2-04
Charging Pump (Tor-Con Type)	_____	2-05
Hydraulic Clutch (Tor-Con Type)	_____	2-06
Control Valve (Tor-Con Type)	_____	2-07
Inching Valve (Tor-Con Type)	_____	2-08
Hydraulic System	_____	2-09
Drive Axle	_____	2-10
Drive Wheel Assembly	_____	2-11

3. STEERING SYSTEM

Steering Control	_____	3-01
Steering Axle & Wheel Ass'y	_____	3-02
Steering Axle	_____	3-03

4. BRAKE SYSTEM

Brake & Inching Control (Tor-Con Type)	_____	4-01
Brake Lever	_____	4-02

5. BODY SYSTEM

Frame Ass'y	_____	5-01
Brake Lever	_____	5-02
Hood, Floorboard & Seat	_____	5-03
Head Guard	_____	5-04

6. HYDRAULIC SYSTEM

Oil Tank	_____	6-01
Valve Control (2-Throw)	_____	6-02
Valve Control (3-Throw)	_____	6-03
Valve Control (4-Throw)	_____	6-04
Hydraulic Pipeline	_____	6-05

7. LIFTING SYSTEM

Hydraulic System Mast (Full Free 3-Stage Mast KZM)	_____	7-01
Hydraulic System Attachments (Full Free 3-Stage Mast KZM)	_____	7-02
Hydraulic System Attachments (Full Free 3-Stage Mast KZM)	_____	7-03
Fork	_____	7-04
Lift Bracket (Full Free 3-Stage Mast)	_____	7-05
Mast (Full Free 3-Stage Mast)	_____	7-06
Front Lift Cylinder	_____	7-07
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)	_____	7-08
Tilt Cylinder	_____	7-09

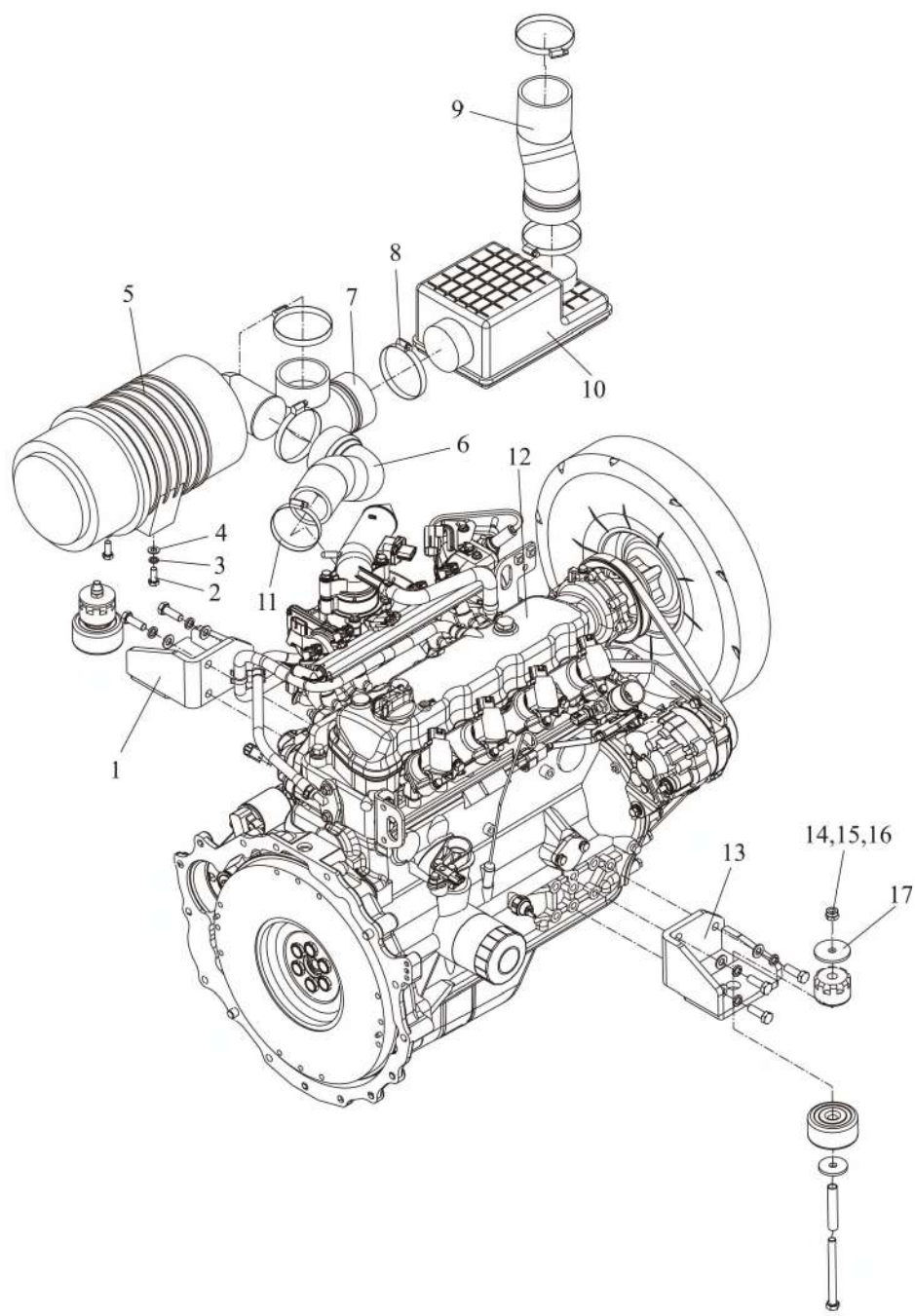
INDEX

8. ELECTRIC SYSTEM

Instrument Assembly (Hydraulic Transmission) _____	8-01
Electrical Circuit Diagram _____	8-02
Vehicle Harness Diagram _____	8-03

1- ENGINE SYSTEM

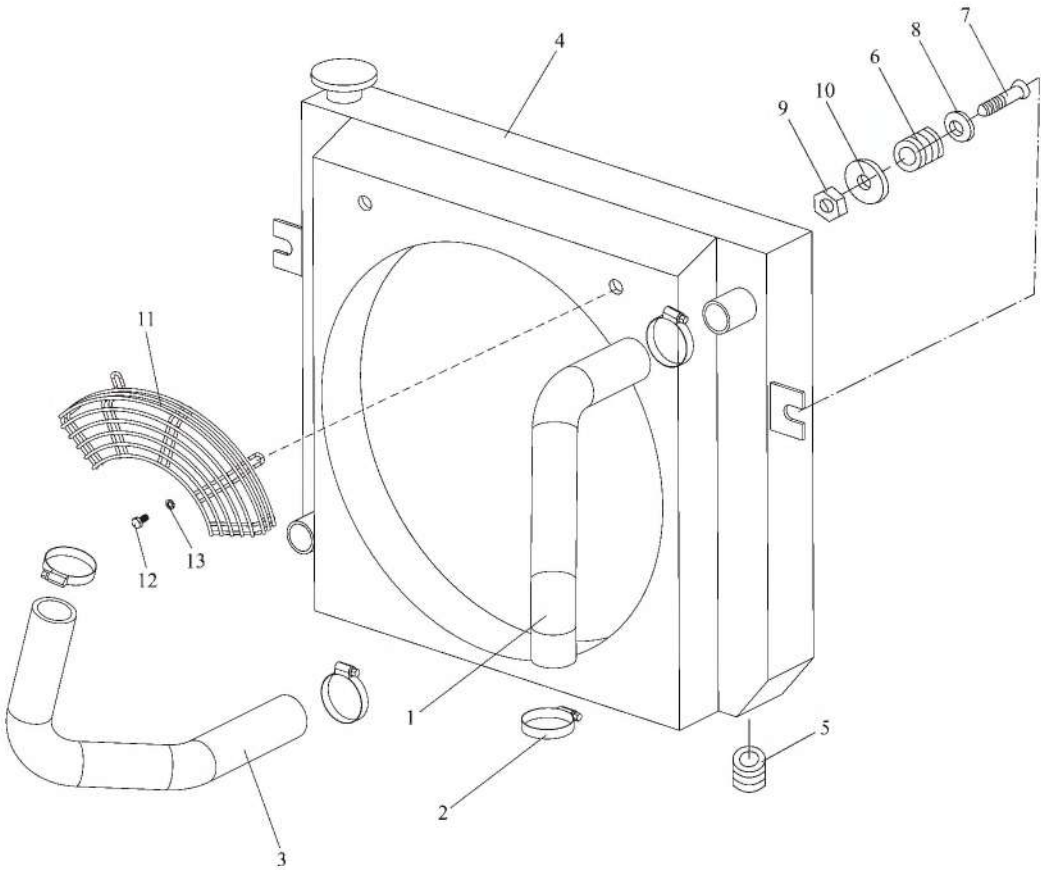
01- Engine Mount



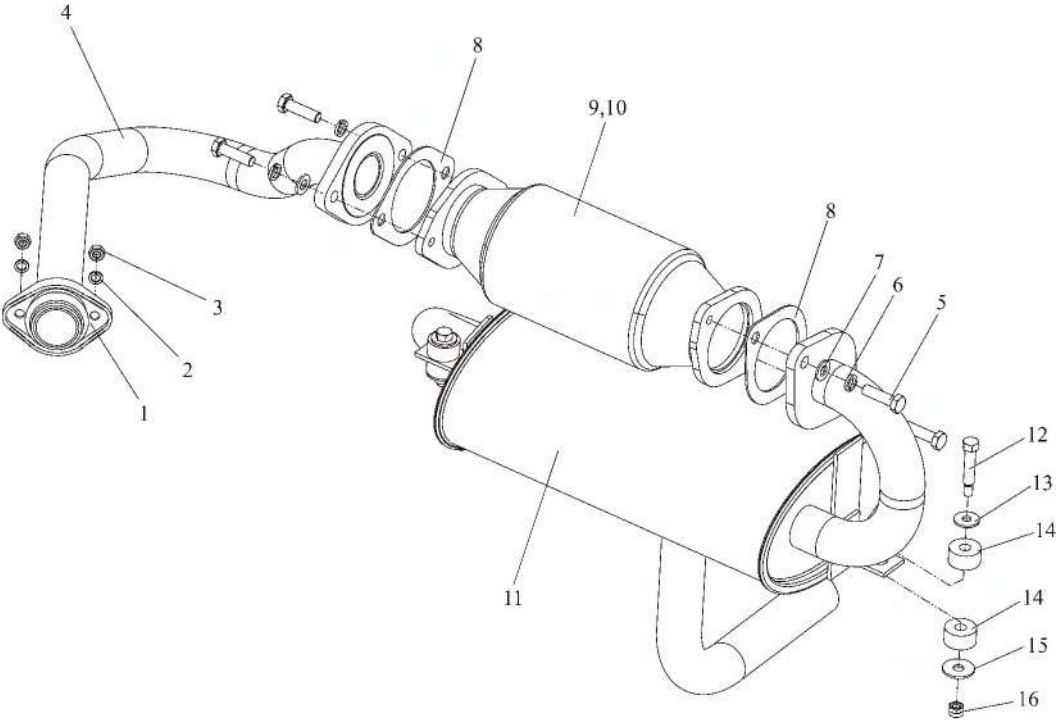
No.	Part No.	Description	Qty.	Remark
1	A30E5-10500	Engine mount (Right)	1	
2	GB/T5783	M8x20 Bolt	2	
3	GB/T93	8 Washer, lock	2	
4	GB/T97.1	8 Washer	2	
5	A30A5-11200	Air cleaner	1	
6	A22A5-10002	B Hose, intake air	1	
7	A27A5-10001	A Hose, intake air	1	
8	JB/T8870	80x60 Clip	5	
9	A27A5-10002	B Hose, intake air	1	
10	A27A5-10100	Intake muffler	1	
11	JB/T8870	70x50 Clip	1	
12	A30AE5-10100	K25 EPA Engine	1	
13	A30E5-10400	Engine mount (Left)	1	
14	GB/T97.1	10 Washer	6	
15	GB/T93	10 Washer,lock	6	
16	GB/T5783	M10x30 Bolt	6	
17	A30C5-10100	Engine Foot Pad Assembly	2	

1- ENGINE SYSTEM

02- Cooling System



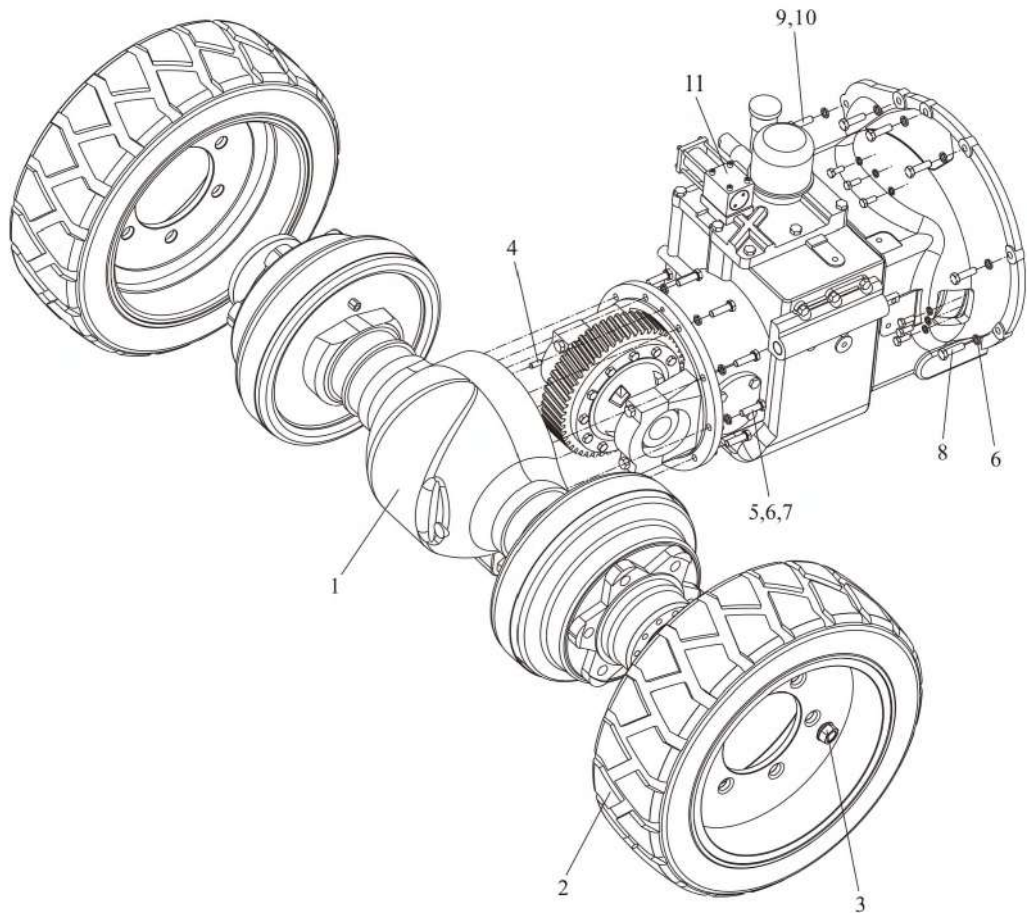
No.	Part No.	Description	Qty.	Remark
1	A22A5-40001	Hose rubber	1	
2	JB/T8870	50x32 Clip	4	
3	A30E5-40001	Hose rubber	1	
4	A22A5-40100	Radiator	1	
5	A30A5-40003	I Rubber	2	
6	A30A5-40004	H Rubber	2	
7	A30A5-40005	Bolt	2	
8	A30A5-20003	Plate	2	
9	GB/T889.1	M8 Nut	2	
10	GB/T97.1	8 Washer	2	
11	A30E5-40110	Fan retainer	1	Euro Standard
12	GB/T5783	M8x16 Bolt	2	Euro Standard
13	GB/T93	8 Washer, lock	2	Euro Standard



No.	Part No.	Description	Qty.	Remark
1	A30AE5-20002	I Plate	1	
2	GB/T93	8 Washer, lock	2	
3	GB/T6170	M8 Nut	2	
4	A27A5-20100	Exhaust Pipe Ass'y	1	
5	GB/T5786	M10x1.25x30 Bolt	4	
6	GB/T93	10 Washer, lock	4	
7	GB/T97.1	10 Washer	4	
8	A30AE5-20003	II Exhaust Pipe Gasket Plate	1	
9	A30AE5-20400	Three-way catalyst	1	
10	A30AE5-20001	Oxygen sensor	1	
11	A22A5-20200	Muffler	1	
12	A30A5-20002	Bolt	2	
13	A30A5-20003	Plate	2	
14	A30A5-20001	Rubber	4	
15	GB/T97.1	8 Washer	2	
16	GB/T889.1	M8 Nut	2	

2- DRIVING SYSTEM

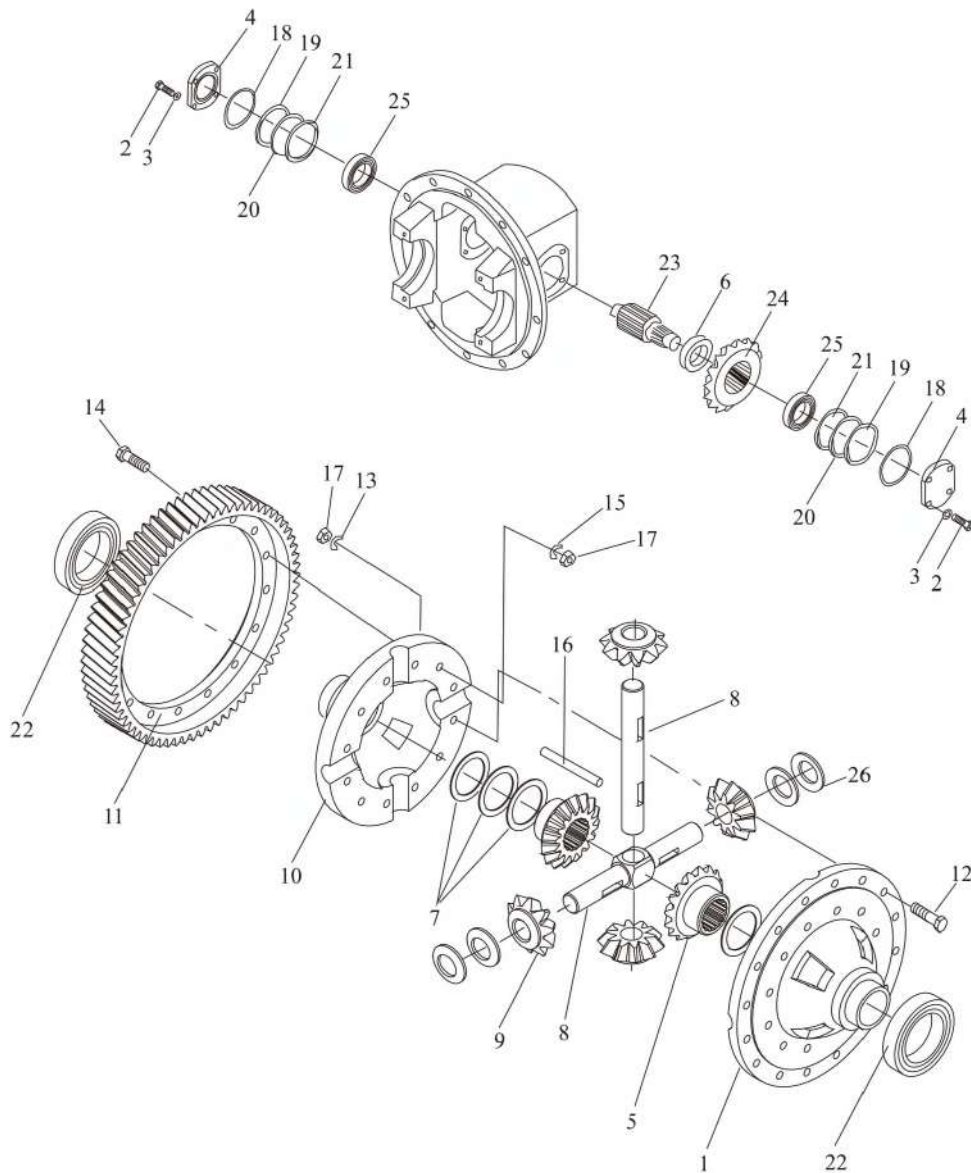
01- Drive Unit Mount (Tor-Con Type)



No.	Part No.	Description	Qty.	Remark
1	A27A5-01000	Drive axle	1	
2	A22A5-04100	Front wheel ass'y	2	
3	A22A5-01001	Hub nut	12	
4	GB/T 119.1	B10x20 Pin, parallel	1	
5	GB/T5786	M10x1.25x35 Bolt	12	
6	GB/T93	10 Washer, lock	21	
7	A30A5-02001	Packing	on demand	
8	GB/T5783	M10x35 Bolt	9	
9	GB/T5783	M8x20 Bolt	6	
10	GB/T93	8 Washer, lock	6	
11	A22A5-03000	Electronic Reversing Hydraulic Transmission Ass'y	1	

2- DRIVING SYSTEM

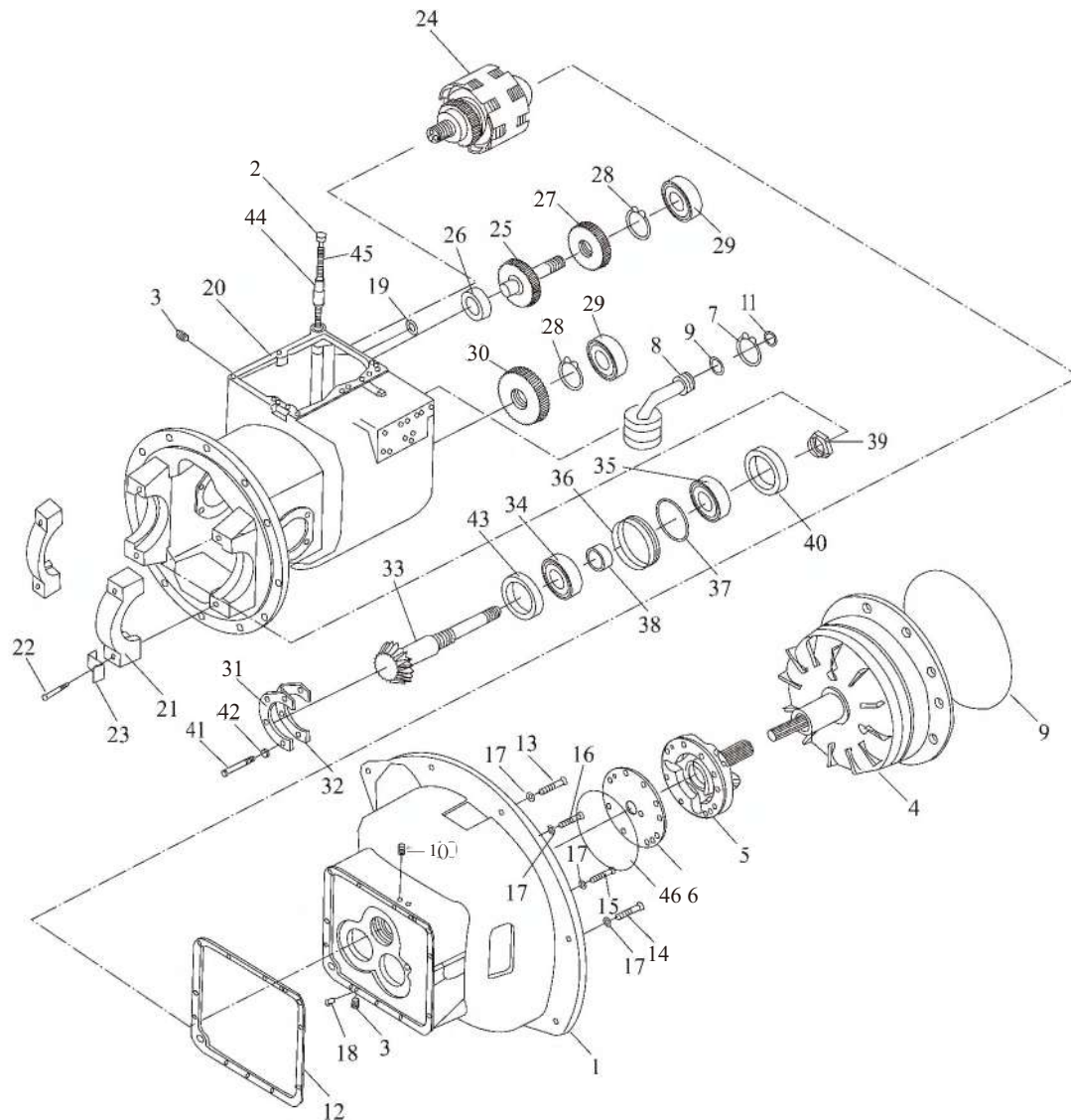
02- Differential



No.	Part No.	Description	Qty.	Remark
1	A22A5-03006	Case, cross (Left)	1	
2	GB/T5786	M10x1.25x25 Bolt	8	
3	GB/T93	10 Washer, lock	8	
4	A30A5-02702	Cover, bearing	2	
5	A22A5-03007	Gear, side	2	
6	A30A5-02704	Spacer	1	
7	A22A5-03007	Washer	2	
-	A22A5-03008	Washer	2	
-	A22A5-03009	Washer	2	
8	A30A5-02708	I Shaft, pinion	1	
-	A30A5-02709	II Shaft, pinion	1	
9	A22A5-03010	Gear, Pinion	4	
10	A22A5-03011	Case, cross (Right)	1	
11	A22A5-03012	Gear, ring	1	
12	A22A5-03013	Bolt	12	
13	A22A5-03014	Washer, lock	8	
14	A30A5-02715	Bolt	16	
15	A30A5-02716	Plate, lock	8	
16	GB/T119.1	d6x30 Pin parallel	2	
17	GB/T6171	M10x1.25 Nut	28	
18	GB/T1235	75x3.1 O-ring	2	
19	A30A5-02717	Shim	2	
20	A30A5-02718	Shim	4	
21	A30A5-02719	Shim	2	
22	GB/T276	6211 Bearing	2	
23	A22A5-03015	Shaft, final pinion gear	1	
24	A22A5-03016	Gear, spiral	1	
25	GB/T297	32207 Bearing	2	
26	A22A5-03017	Washer, thrust	4	

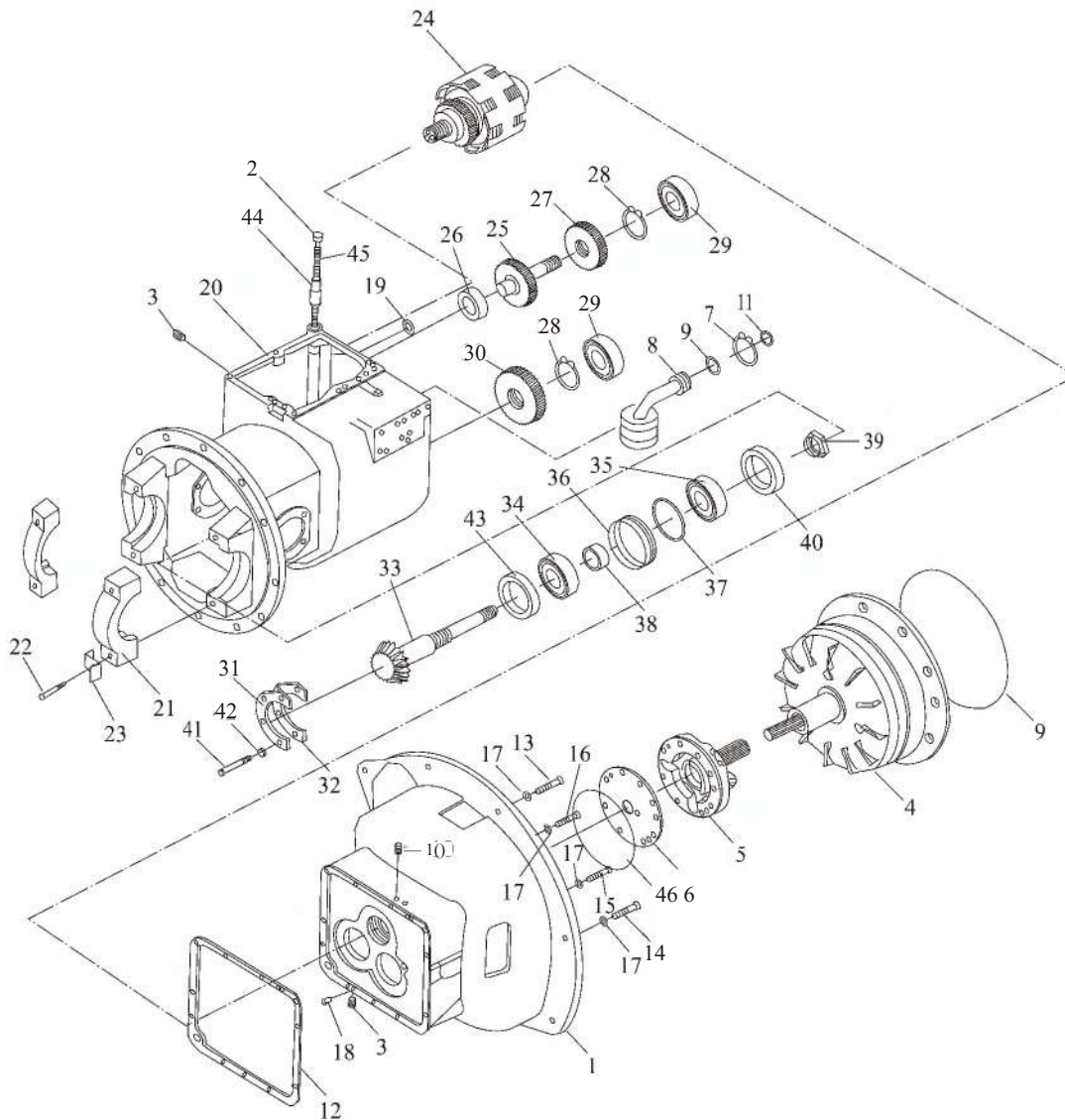
2- DRIVING SYSTEM

03- Drive Unit (Tor-Con Type)



10

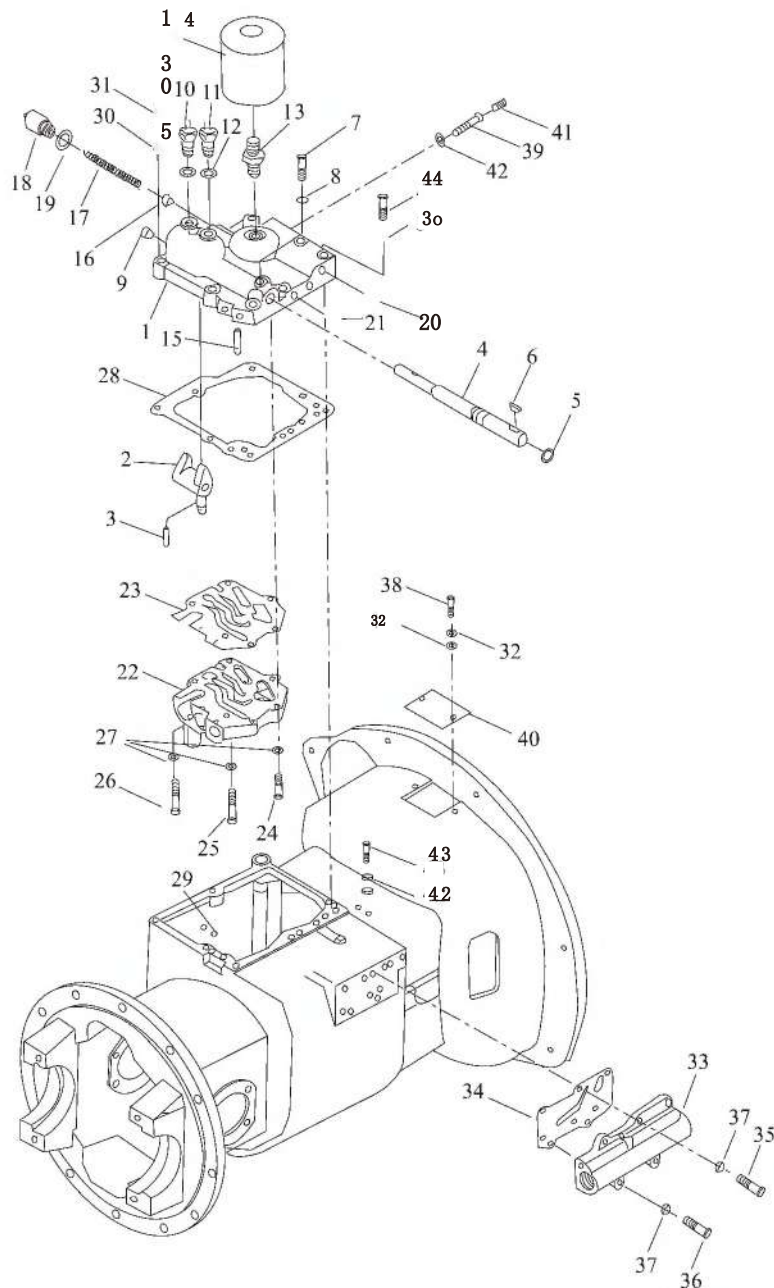
No.	Part No.	Description	Qty.	Remark
1	A22A5-03001	Case, tor-con	1	
2	A30B5-02002	Oil Port Cap	1	
3	Q/Z285-4	1/2" Plug	4	
4	A22A5-03100	Tor-con ass'y	1	
5	A30B5-02200	Charging pump ass'y	1	
6	A30B5-02003	Gasket	1	
7	GB/T894.1	35 Snap ring	1	
8	A30B5-02004	Oil	1	
9	GB/T1235	35x3.1 O-ring	1	
10	Q/Z285-2	1/4" Plug	2	
11	GB/T1235	28*3.5 O-ring	1	
12	A30B5-02005	Gasket	1	
13	GB/T5785	M10x1.25x75 Bolt	1	
14	GB/T5785	M10x1.25x55 Bolt	3	
15	GB/T5785	M10x1.25x50 Bolt	1	
16	GB/T5785	M10x1.25x30 Bolt	4	
17	GB/T93	10 Washer, lock	9	
18	GB/T 119.1	B12x20 Pin	2	
19	GB/T1235	15x2.4 O-ring	1	
20	A22A5-03002	Case, mission	1	
21	A22A5-03003	Cap, bearing	2	
22	A30B5-02008	Bolt	4	
23	A22A5-03004	Plate,lock	4	
24	A30B5-02300	Clutch, hydraulic	1	
25	A30B5-02010	Shaft, idler	1	
26	GB/T276	206 Bearing	1	
27	A30B5-02011	Gear, idler	1	
28	GB/T893.1	24 Snap ring	2	
29	GB/T276	207 Bearing	2	
30	A30B5-02012	Gear, output	1	



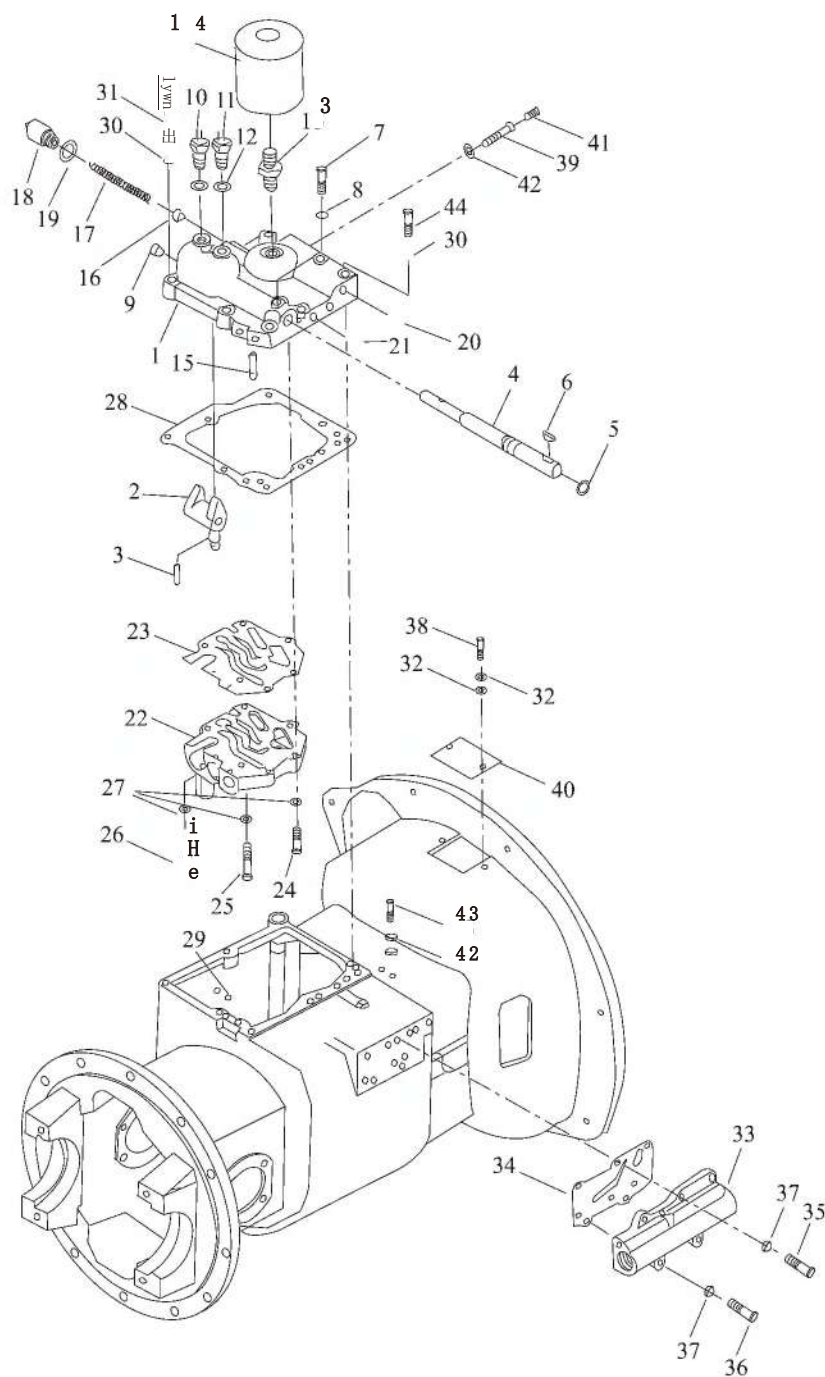
No.	Part No.	Description	Qty.	Remark
31	A30B5-02013	Plate, bearing support	1	
32	A30B5-02014	Shim	on demand	
-	A30B5-02015	Shim	on demand	
-	A30B5-02016	Shim	on demand	
33	A22A5-03005	Shaft, output	1	
34	Z-7508	7508 Bearing	2	
35	Z-7208	7208 Bearing	1	
36	A30B5-02018	Retainer, oil seal	1	
37	GB/T1235	80x3.1 O-ring	1	
38	A30B5-02019	Seal, oil	1	Select
39	A30B5-02020	Nut	1	Select
40	A30B5-02021	Shim	1	Select
-	A30B5-02022	Shim	1	Select
-	A30B5-02023	Shim	1	Select
41	GB/T5783	M8x20 Bolt	4	
42	GB/T93	8 Washer, lock	15	
43	A30B5-02024	Collar	1	
44	A30B5-02025	Pipe, oil fill	1	
45	A30B5-02026	Gasket	1	

2- DRIVING SYSTEM

04- Drive Unit (Cover & Inching Valve)



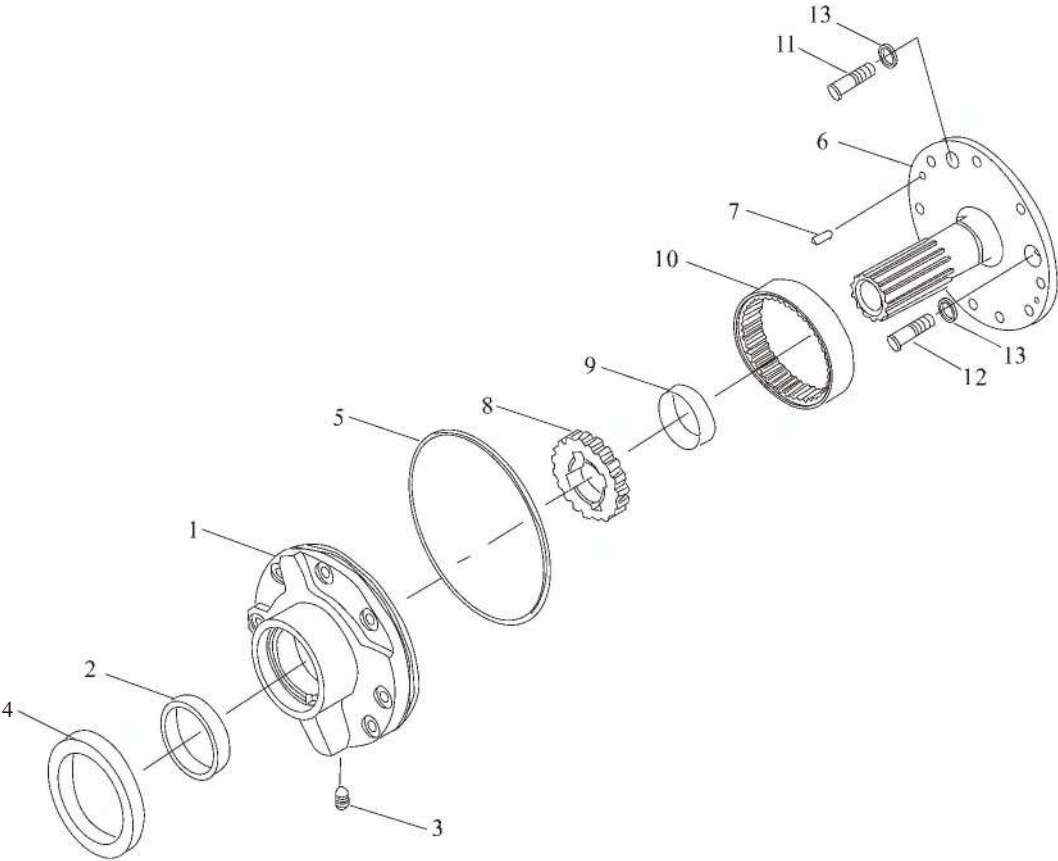
No.	Part No.	Description	Qty.	Remark
1	A30B5-02027	Cover, case	1	
2	A30B5-02028	Arm, shift	1	
3	GB/T879	6x32 Pin, lock	1	
4	A30B5-02029	Shaft, shift arm	1	
5	GB/T1235	20x2. 4 O-ring	1	
6	GB/T1099	5x19key, woodruff	1	
7	A30B5-02030	Bolt	1	
8	A30B5-02031	Shim	7	
9	A30B5-02032	Plug	1	
10	DZ05G-J208	Reversing Light Switch	1	
11	DZ05G-J209	Neutral Switch	1	
12	A30B5-02034	Washer	2	
13	A30B5-02035	Nipple	1	
14	A30B5-02036	Filter, oil	1	
15	GB/T879	4x25 Elastic Cylindrical 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	Select
-	A30B5-02041	Electric-controller hydraulic valve	1	Select
23	A30B5-02042	Gasket	1	
24	GB/T5783	M8x35 Bolt	2	
25	GB/T5783	M8x55 Bolt	2	
26	GB/T5783	M8x50 Bolt	2	
27	GB/T93	8 Washer, lock	6	
28	A30B5-02043	Gasket	1	
29	GB/T1235	O-ring	2	



No.	Part No.	Description	Qty.	Remark
30	GB/T93	10 Washer, lock	8	
31	GB/T5782	M10x 1.25x55 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	M8x25 Bolt	4	
36	GB/T5783	M8x50 Bolt	2	
37	GB/93	8 Washer, lock	5	
38	GB/T5783	M8x12 Bolt	2	
39	A30B5-02045	Bolt, joint	1	
40	A30B5-02046	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	M10x1.25x40 Bolt	6	

2- DRIVING SYSTEM

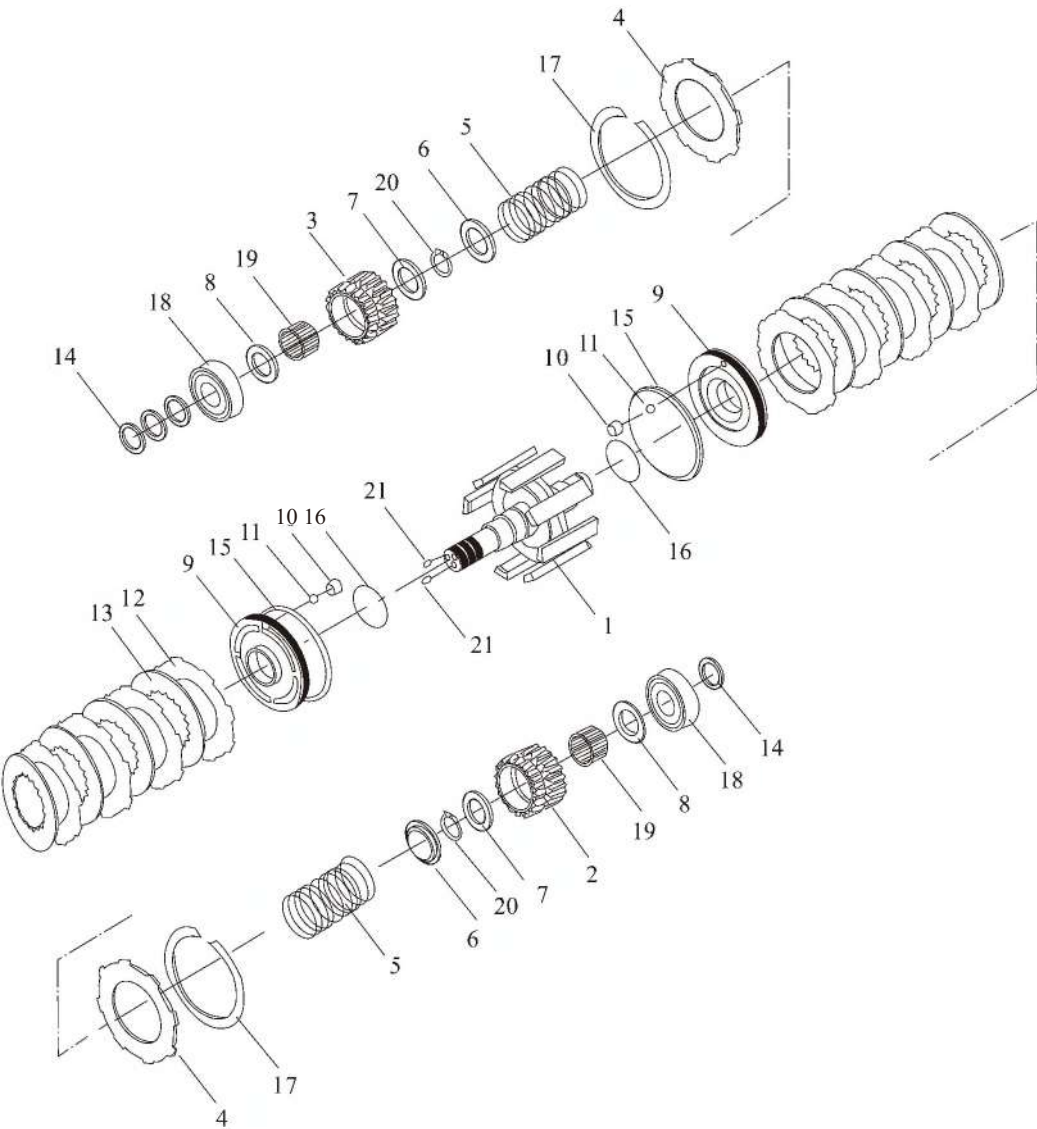
05- Charging Pump (Tor-Con Type)



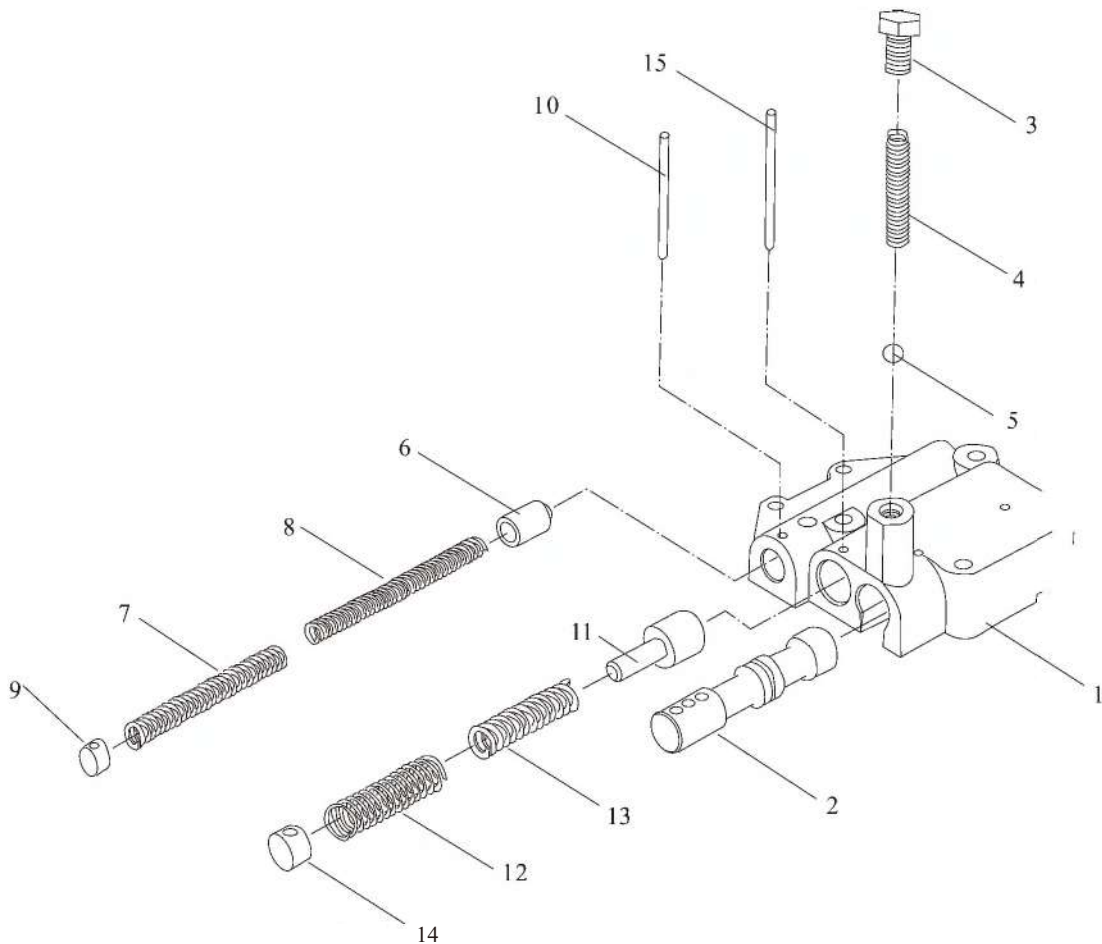
No.	Part No.	Description	Qty.	Remark
A	A30B5-02200	Charging Pump ass'y	1	
1	A30B5-02201	Case, Pump	1	
2	A30B5-02202	Bushing	1	
3	A30B5-02203	ZG1/8" Plug	1	
4	A30B5-02204	Seal, oil	1	
5	A30B5-02205	O-ring	1	
6	A30B5-02206	Support, starter	1	
7	GB/T 119.1	6x16 Pin	2	
8	A30B5-02207	Gear, drive	1	
9	A30B5-02208	Bushing	1	
10	A30B5-02209	Gear, driven	1	
11	GB/T5783	M8x45 Bolt	4	
12	GB/T5783	M8x25 Bolt	1	
-	GB/T5783	M8x35 Bolt	3	
13	A30B5-02210	Washer	2	

2- DRIVING SYSTEM

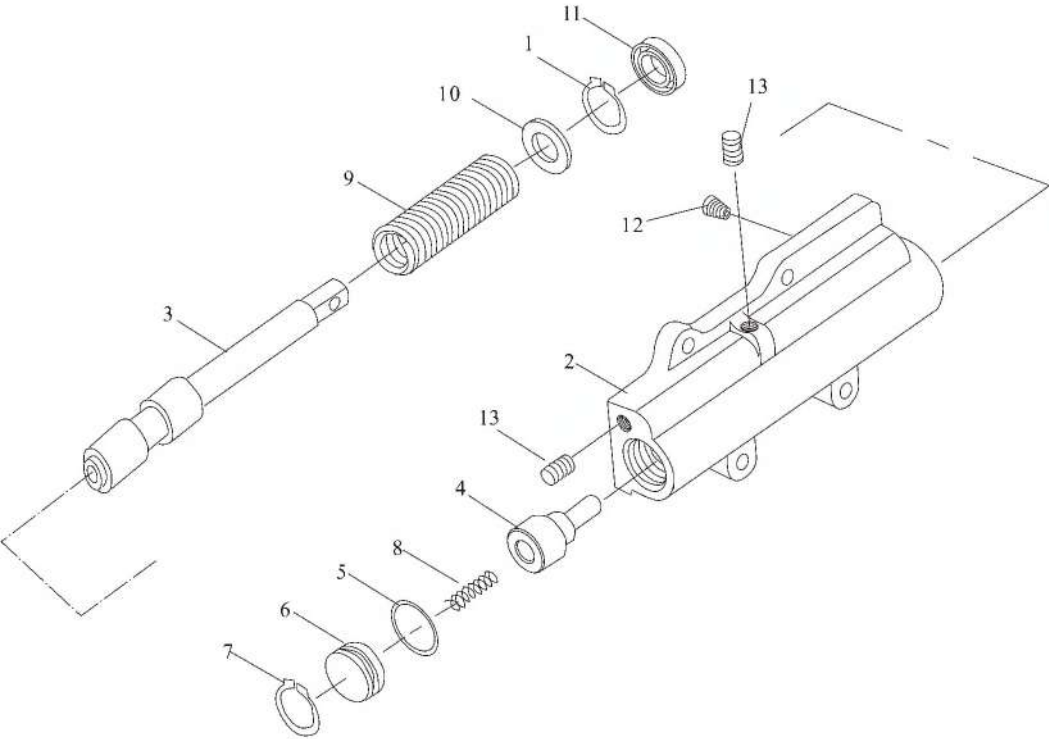
06- Hydraulic Clutch (Tor-Con Type)



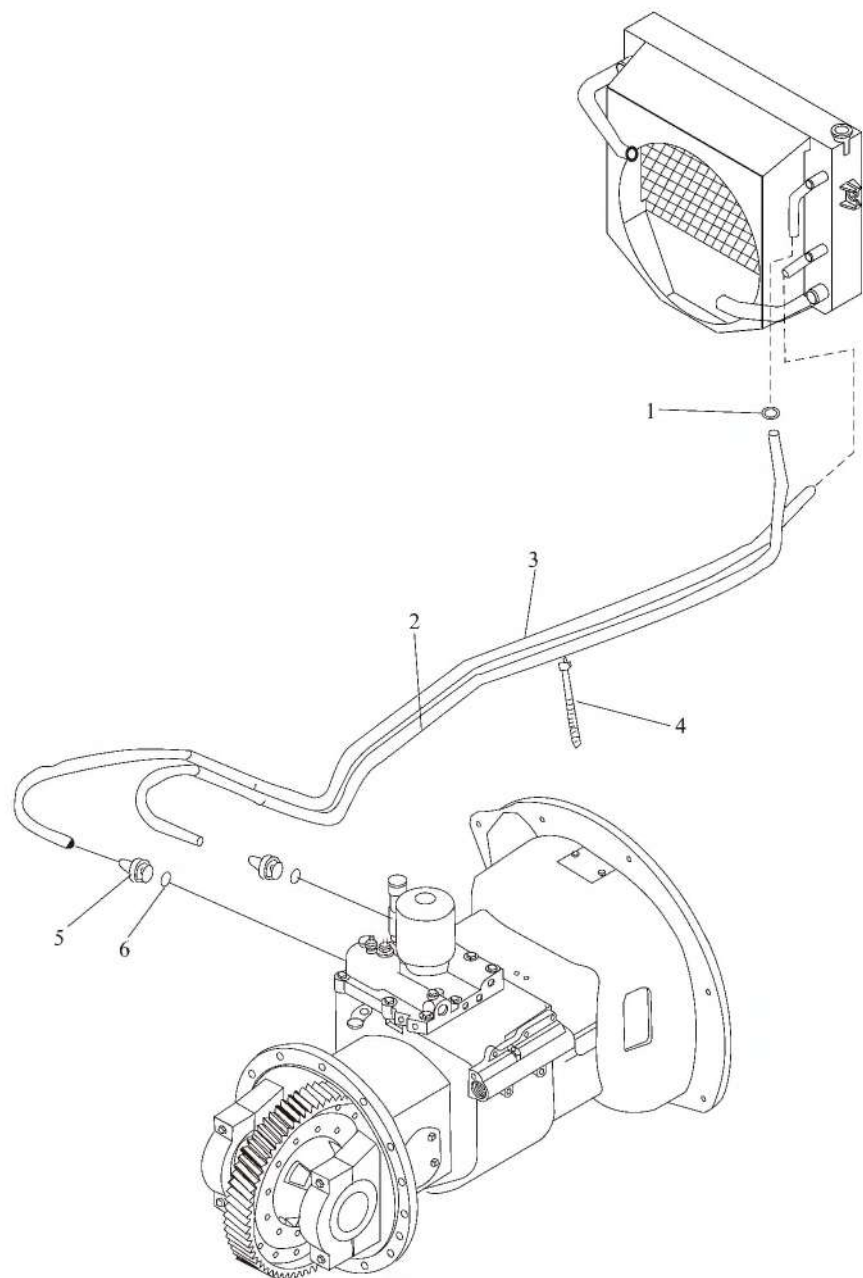
No.	Part No.	Description	Qty.	Remark
A	A30B5-02300	Clutch, hydraulic	1	
1	A30B5-02301	Shift, input	1	
2	A30B5-02302	Gear, reverse	1	
3	A30B5-02303	Gear, forward	1	
4	A30B5-02304	Plate, end	2	
5	A30B5-02305	spring, return	2	
6	A30B5-02306	Seat, spring	2	
7	A30B5-02307	A Ring, thrust	2	
8	A30B5-02308	B 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	33.7x3. 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	M8x8 Bolt	2	



No.	Part No.	Description	Qty.	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	4x35 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	4x40 Pin, lock	1	



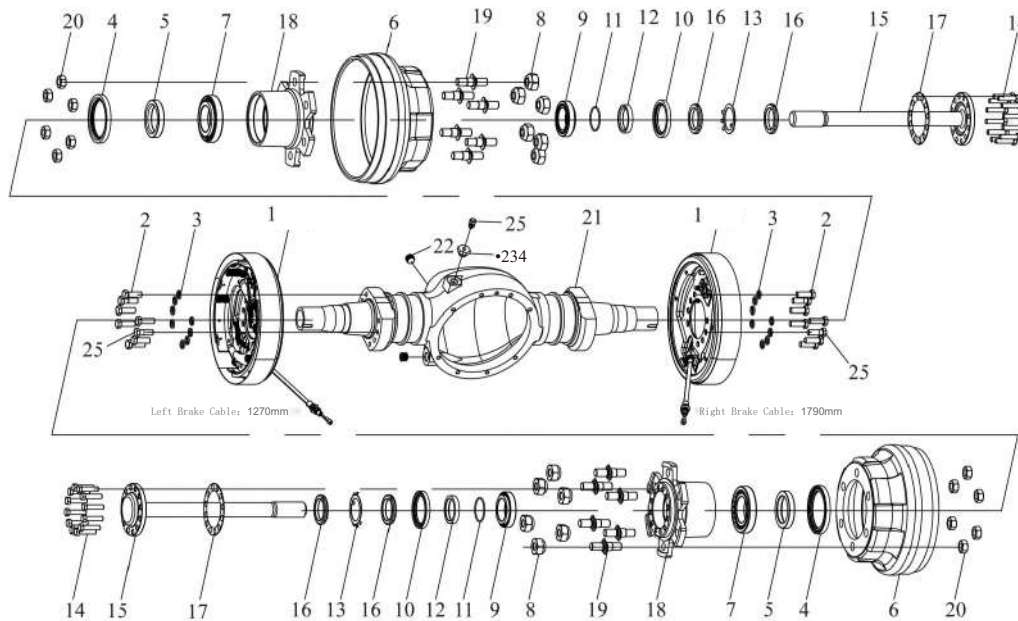
No.	Part No.	Description	Qty.	Remark
A	A30B5-02500	Inching valve ass'y	1	
1	GB/T893. 1	Snap ring	1	
2	A30B5-02501	Body, valve	1	
3	A30B5-02502	Spool	1	
4	A30B5-02503	Slide valve	1	
5	GB/T3452. 1	23.6x2. 65 O-ring	1	
6	A30B5-02504	Seal, oil	1	
7	GB/T893. 1	28 Snap ring	1	
8	A30B5-02505	1.2xD9.2x30 Spring	1	
9	A30B5-02506	3xD22.9x87.4 Spring	1	
10	A30B5-02507	Spacer	1	
11	A30B5-02509	30x16x7 Seal, oil	1	
12	A30B5-02508	Plug, choke	1	
13	Q/ZB285-77	Z1/8 " Plug	2	



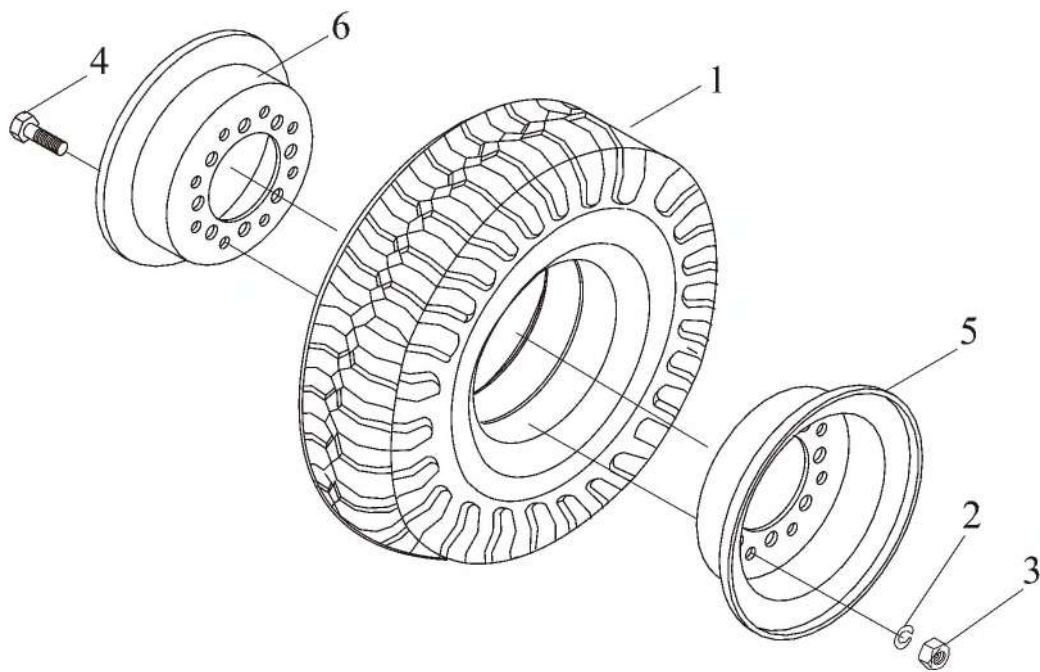
No.	Part No.	Description	Qty.	Remark
1	JB/T8870	16x10 Clip	4	
2	TG000-10160	10x1600 Hose	1	
3	TG000-10150	10x1500 Hose	1	
4	TQ000-08025	8x250 Band	2	
5	GJT-16-00	union	2	
6	GB/T982	14x2.7 Packing	2	

2- DRIVING SYSTEM

10- Drive Axle



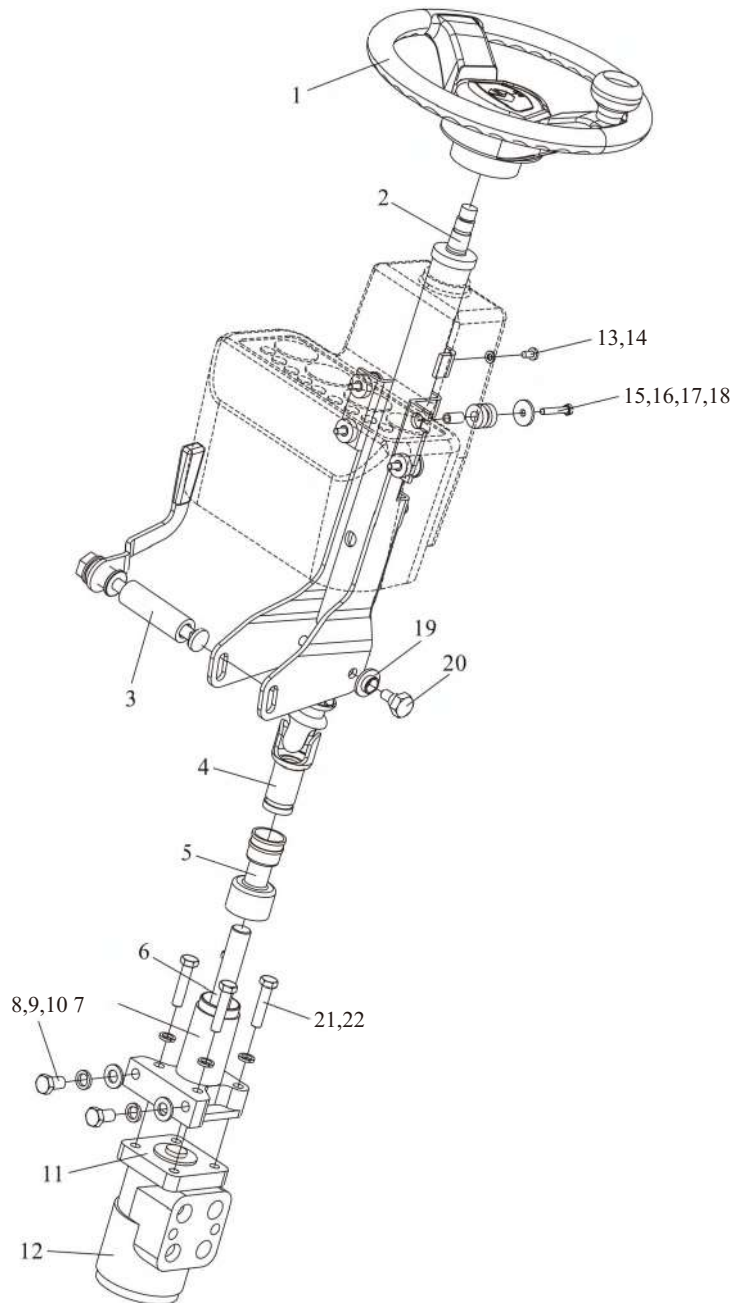
No.	Part No.	Description	Qty.	Remark
1	A22A5-00200L	Drum, brake ass'y (Left)	1	Q20LD007
-	A22A5-00200R	Drum, brake ass'y (Right)	1	Q20LD008
2	A27A5-01005	M14x1.5 Bolt	16	Q30LD019
3	GB/T93	14 Washer, lock	16	
4	GB/T13871	FB100x130x12 Seal, oil	2	
5	A27A5-01001	Oil seal	2	Q30LD020
6	A22A5-01007	Drum, brake	2	Q20LD004
7	GB/T297	30214 Bearing	2	
8	A22A5-01001	Hub Nut	12	
9	GB/T297	30212 Bearing	2	
10	GB/T13871	FB75x100x10 Seal, oil	2	
11	GB/T3452.1	60x3.1 O-ring	2	
12	A22A5-01011	Snapping	2	Q30LD016
13	GB/T858	60 Washer	2	
14	A27A5-01002	M12x1.25 Bolt	24	Q30LD012
15	A22A5-01013	Shaft, drive	2	Q30LD00X(JXX)-02
16	GB/T810	M60x2 Nut	4	
17	A27A5-01003	Packing	2	Q30LD013
18	A22A5-01008	Hub, front	2	Q20LD015
19	A27A5-01004	Bolt	12	Q30LD010A
20	GB/T6171	M20x1.5 Nut	12	
21	A27A5-01005	Housing, axle	1	Q30LD00X(JXX)-01
22	A22A5-01003	Plug	2	Q30LD009
23	A22A5-01002	R1/8 Breather plug seat	1	Q15LD011
24	GB/T7306. 1	R1/8 Breather plug	1	
25	A27A5-01006	M14x1.5 Bolt	4	Q30LD018



No.	Part No.	Description	Qty.	Remark
A	A22A5-00200	Wheel Rim ass'y	2	
1	GB/T2982	21x8x15 PR Tire	2	
2	GB/T93	16 Washer, lock	12	
3	GB/T6170	M16 Nut	12	
4	A20C5-00001	Bolt	12	
5	A22A5-00101	1 Rim outside	2	
6	A22A5-00102	1 Rim inside	2	

3- STEERING SYSTEM

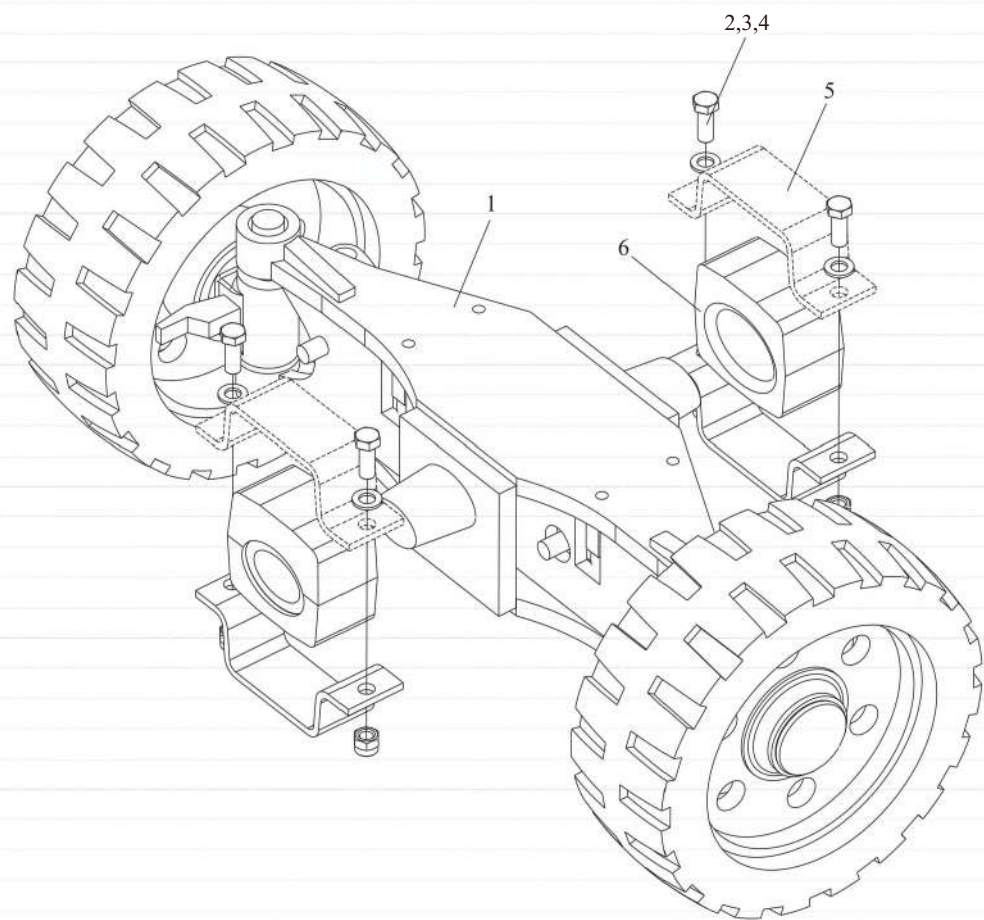
01- Steering Control



No.	Part No.	Description	Qty.	Remark
1	A30A6-00300	Wheel,Steering ass'y	1	
2	A22A6-00100	Steering column	1	
3	A22A6-00300	Handle assembly	1	
4	A30C6-00200	Universal Joint Ass'y	1	Comes w/ steering column
5	A22A6-00001	Boot	1	
6	A30C6-00004	Seal cover	1	
7	A22A6-00200	Link	1	
8	GB/T5786	M12x1.25x20 Bolt	2	
9	GB/T93	2 Washer, lock	2	
10	GB/T97.1	12 Washer	2	
11	A30A6-00006	Washer	1	
12	A15C4-40000	Redirector	1	
13	GB/T97.1	6 Washer	4	Comes w/ meter
14	GB/T818	M6x12 Screw	4	Comes w/ meter
15	GB/T5783	M6x35 Bolt	4	
16	A30A6-00007	Washer	4	
17	A30A6-00008	Spacer	4	
18	A30A6-00009	Rubber	4	
19	A30A6-00004	Washer	2	
20	A30A6-00005	Bolt	2	
21	GB/T5783	M10x45 Bolt	8	
22	GB/T93	10 Washer, lock	4	

3- STEERING SYSTEM

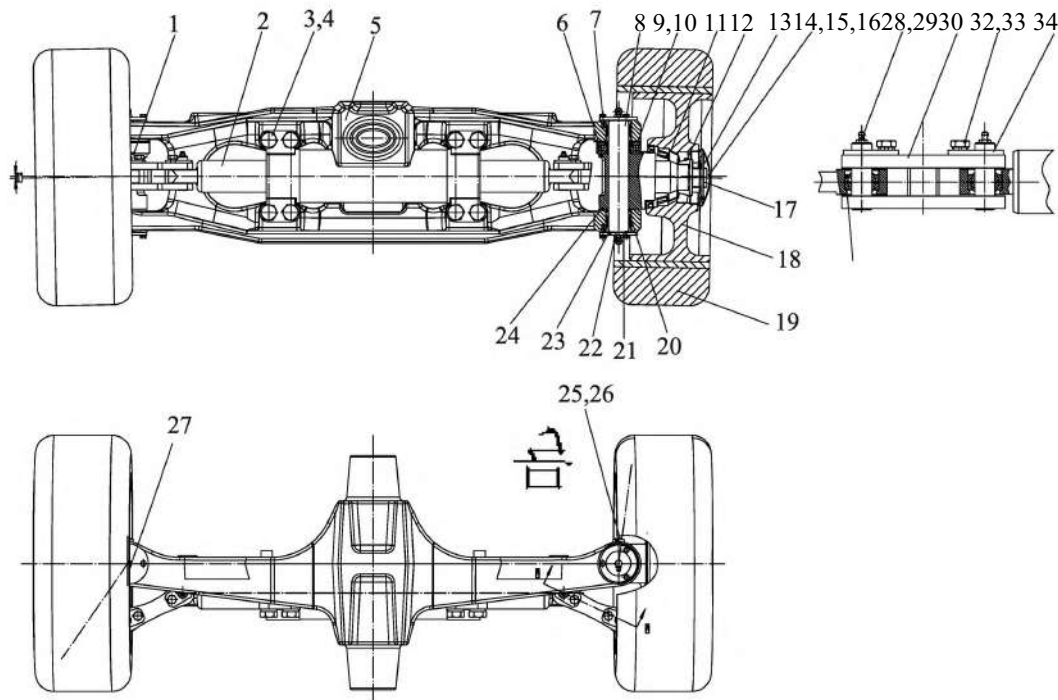
02- Steering Axle & Wheel Assembly



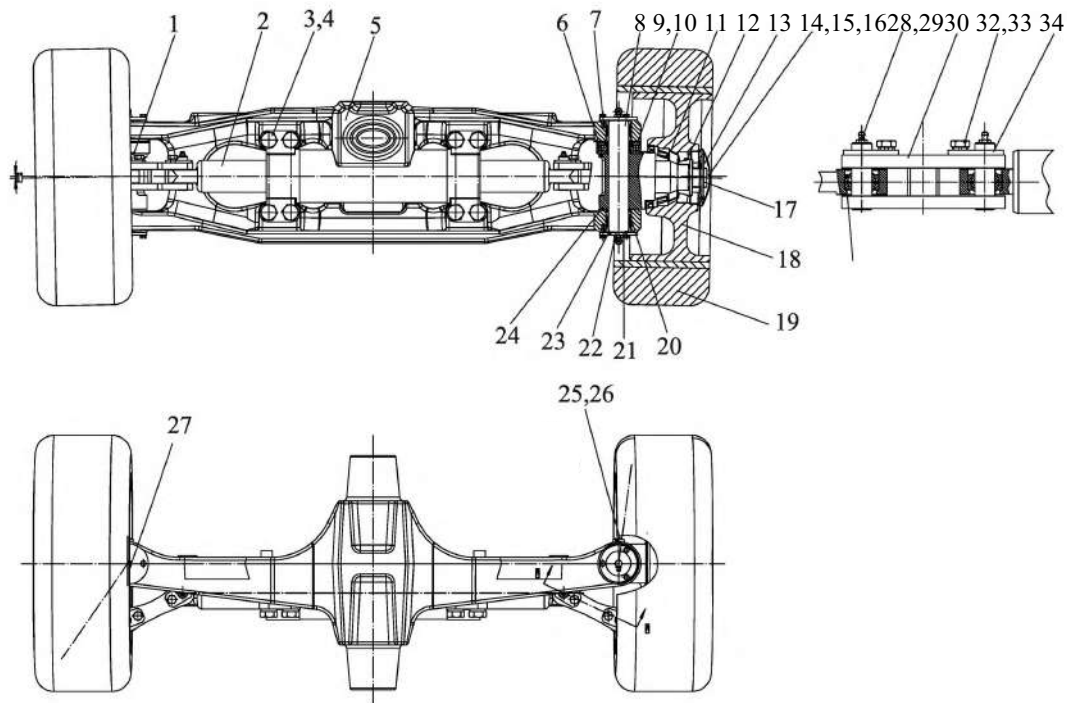
No.	Part No.	Description	Qty.	Remark
1	A27A6-10100	3T Steering axle ass'y	1	
2	GB/T5783	M16x45 Bolt	4	
3	GB/T97.1	16 Washer	8	
4	GB/T889.1	M16 Non-Metal Hex Lock Nut	4	
5	A30A6-10002	Bracket cover	2	
6	A30A6-10001	Damping block	2	

3- STEERING SYSTEM

03- Steering Axle



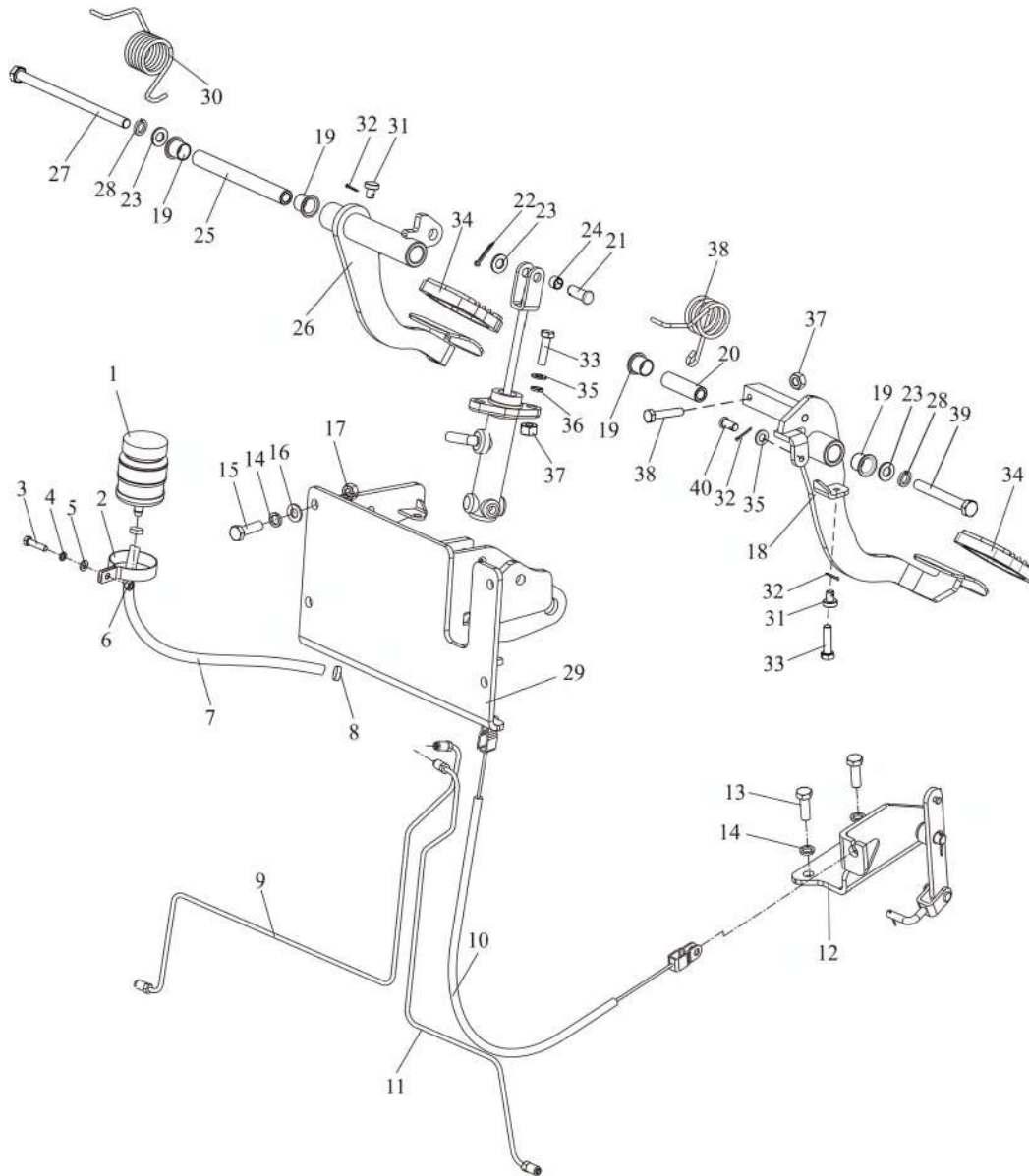
No.	Part No.	Description	Qty.	Remark
1	A27A6-10200(L)	Knuckle (Left) ass'y	1	AE774-32021
2	A27A6-10300	Power cylinder ass'y	1	A7V94-30201
3	GB/T5783	M16x55 Bolt	8	
4	GB/T93	16 Washer, lock	8	
5	A27A6-10100	Axle ass'y	1	A7V94-32001
6	A27A6-10200(R)	Knuckle (Right) ass'y	1	AE774-32031
7	GB/T5783	M5x12 Bolt	12	
8	A27A6-10101	Pin	2	A7V94-32031
9	GB/T301	198908k Bearing	2	
10	A27A6-10102	Bushing	2	A21B4-12001
11	A27A6-10103	75x100x10 Seal, oil	2	Z6301-07523
12	GB/T297	30210 Bearing	2	
13	GB/T297	30208 Bearing	2	
14	A27A6-10104	M30x2 Nut	2	A21B4-32311
15	A27A6-10105	31x62x4 Washer	2	G27Z4-30711
16	GB/T119.1	6.3x50 Pin	2	
17	A27A6-10106	C	2	A24K4-32061
18	A27A6-10107	Hub	2	AE774-43001
19	A27A6-10108	16x6x10.5 Tire	2	Z3200-60030
20	A27A6-10109	31.8x4.8 O-ring	2	23654-32161
21	A27A6-10110	Seal washer	4	A7V94-10200
22	A27A6-10111	Kingpin cap	4	A7V94-32051B
23	GB/T290	32x40x32 Bearing	4	
24	A27A6-10112	32.5x65x0.2 Shim	4	22214-30321
25	GB/T78	M12x30 Hex Socket Screws	2	
26	GB/T6170	M16 Nut	2	
27	Q701B90	90° Fitting, grease	4	
28	A27A6-10113	GE16ES Radial Spherical Bearing	4	
29	A27A6-10114	Bearing	6	H24C4-12003
30	Q700B06	M6 Straight-through grease	4	



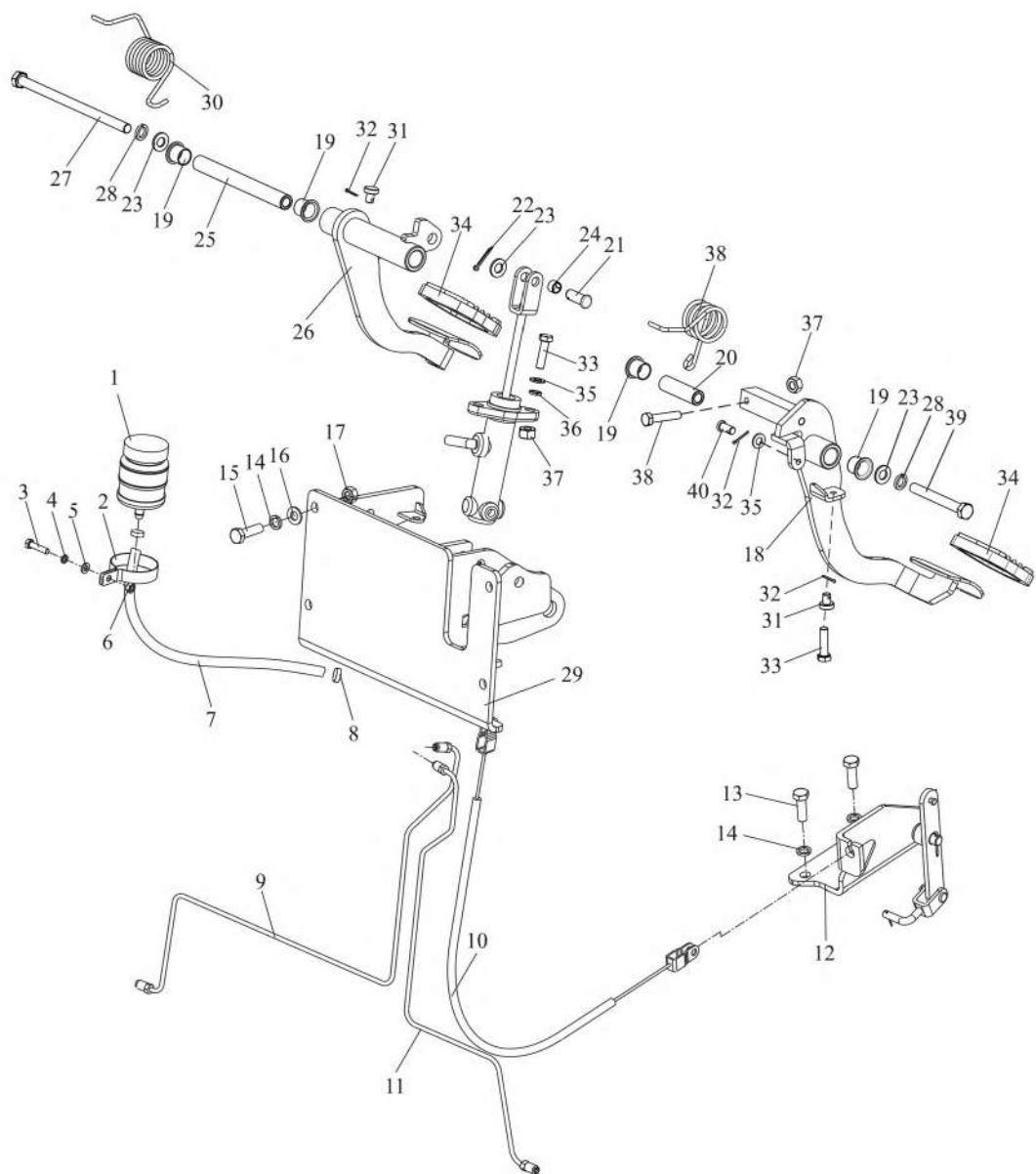
No.	Part No.	Description	Qty.	Remark
31	A27A6-10115	Link	2	AE774-32011B 25RC4180000B
32	GB/T5783	M8x16 Bolt	4	
33	GB/T93	8 Washer, lock	4	
34	A27A6-10116	Pin	4	

4- BRAKE SYSTEM

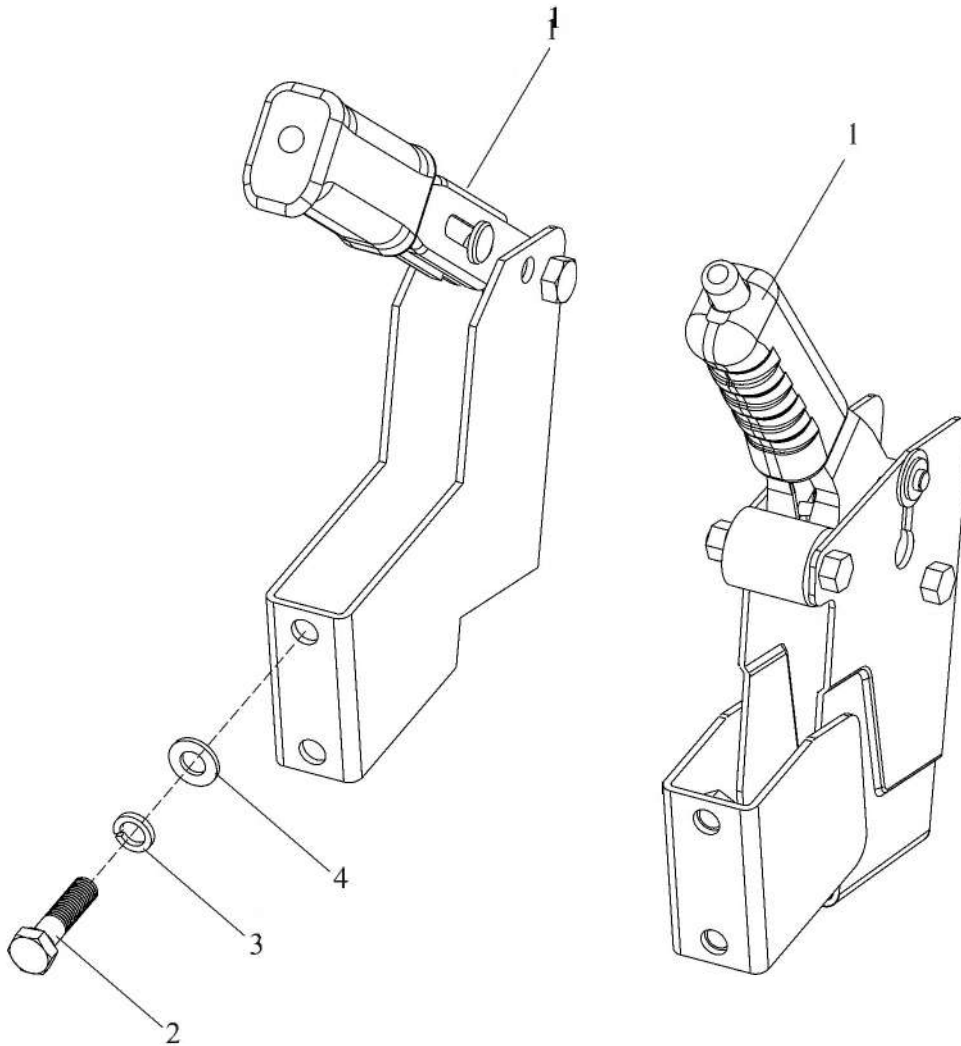
01- Brake & Inching Control (Tor-Con Type)



No.	Part No.	Description	Qty.	Remark
1	A45G7-10800	Oil cup	1	
2	A45G7-10002	Brake Oil Cup Clip	1	
3	GB/T5783	M6x20 Bolt	1	
4	GB/T93	6 Washer, lock	1	
5	GB/T97. 1	6 Washer	1	
6	GB/T6170	M6 Nut	1	
7	A45G7-10001	Brake Low Pressure Hose	1	
8	JB/T8870	25x16 Clip	2	
9	A22A7-10200	Brake Oil Hose (Right)	1	
10	A30HG7-10300	Micro cable ass'y	1	
11	A22A7-10100	Brake Oil Hose (Left)	1	
12	A22A7-10300	Micro cable ass'y	1	
13	GB/T5783	M10x25 Bolt	2	
14	GB/T93	10 Washer, lock	6	
15	GB/T5783	M10x35 Bolt	4	
16	GB/T97. 1	10 Washer	4	
17	GB/T6170	M10 Nut	4	
18	A22A7-11300	Clutch pedal	1	
19	A22A7-11005	Bushing	4	
20	A22A7-11003	Bushing	1	
21	GB/T882	10x28 Pin, clevis	1	
22	GB/T91	3.2x22 Pin	1	
23	GB/T97. 1	10 Washer	3	
24	A22A7-11006	Bushing	1	
25	A22A7-11001	Bushing	1	
26	A22A7-11100	Clutch pedal	1	
27	A22A7-11010	Bolt	1	
28	GB/T93	10 Washer, lock	2	
29	A22A7-11200	Foot brake bracket ass' y	1	
30	A22A7-11002	Spring	1	



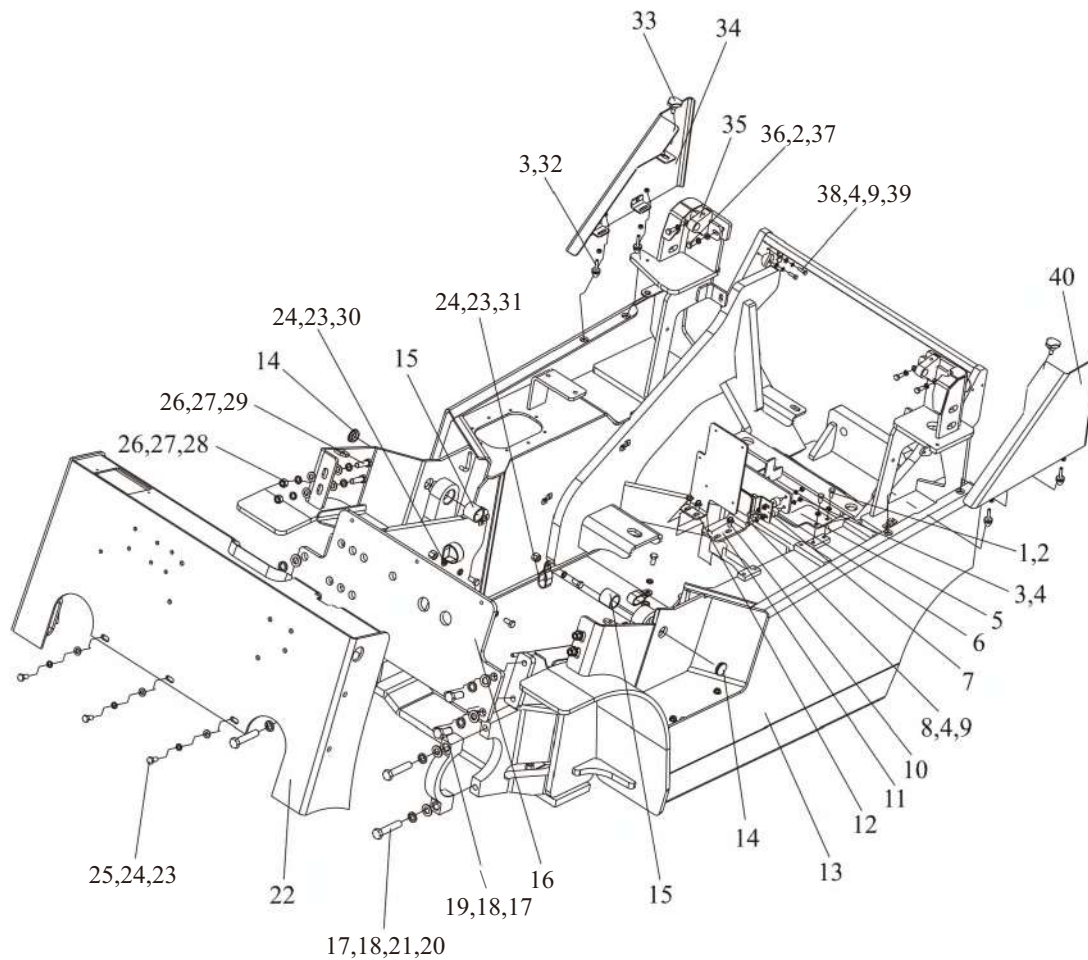
No.	Part No.	Description	Qty.	Remark
31	A22A7-11007	Cushion	2	
32	GB/T91	2x16 Pin	3	
33	GB/T5783	M8x30 Bolt	3	
34	A22A7-11008	Head cover	2	
35	GB/T97. 1	8 Washer	3	
36	GB/T93	8 Washer, lock	2	
37	GB/T6170	M8 Nut	4	
38	GB/T5783	M8x40 Bolt	1	
39	A22A7-11004	Bolt	1	
40	GB/T882	8x18 Pin, clevis	1	



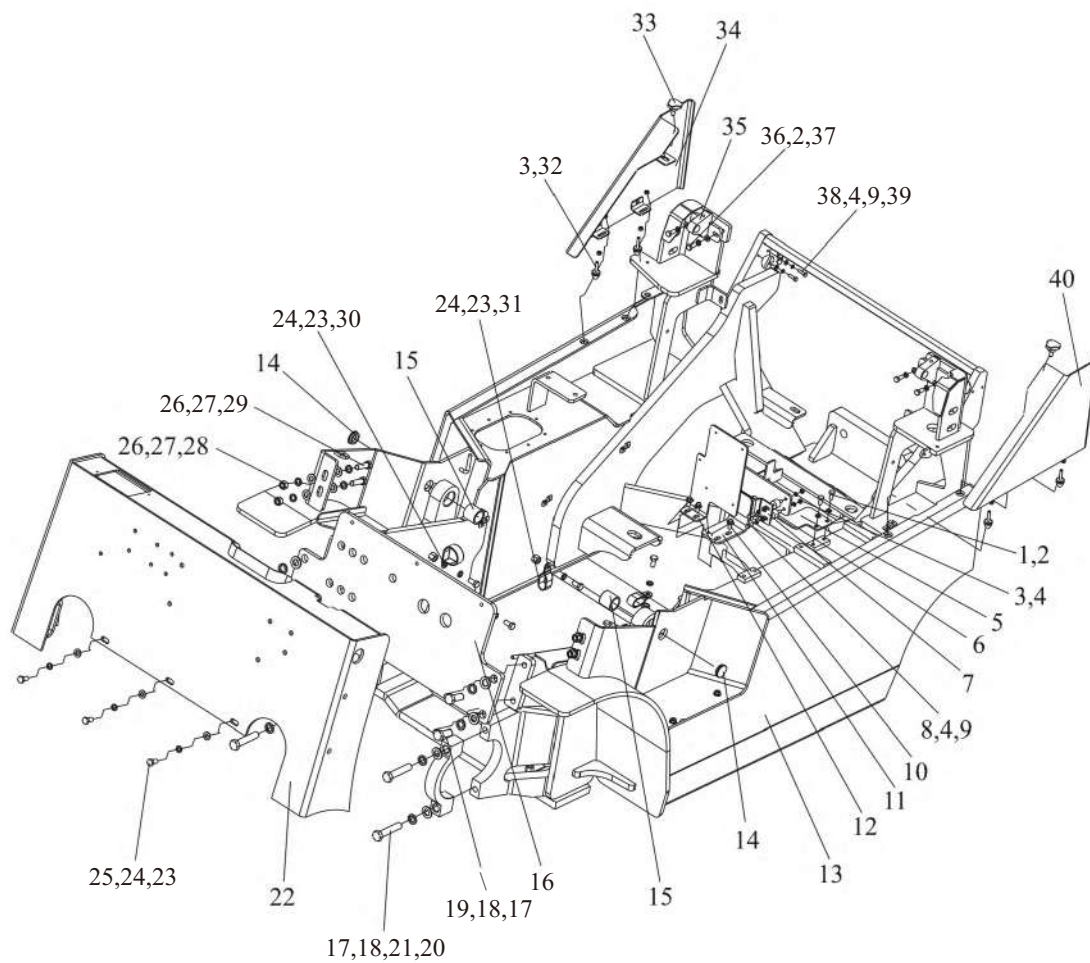
No.	Part No.	Description	Qty.	Remark
1	A30A7-21000	Hand brake ass'y	1	Stanadard
1	A30A7-20100	Push button hand brake	1	Euro standard
2	GB/T5783	M10x25 Bolt	2	
3	GB/T93	10 Washer, lock	2	
4	GB/T97. 1	10 Washer	2	

5- BODY SYSTEM

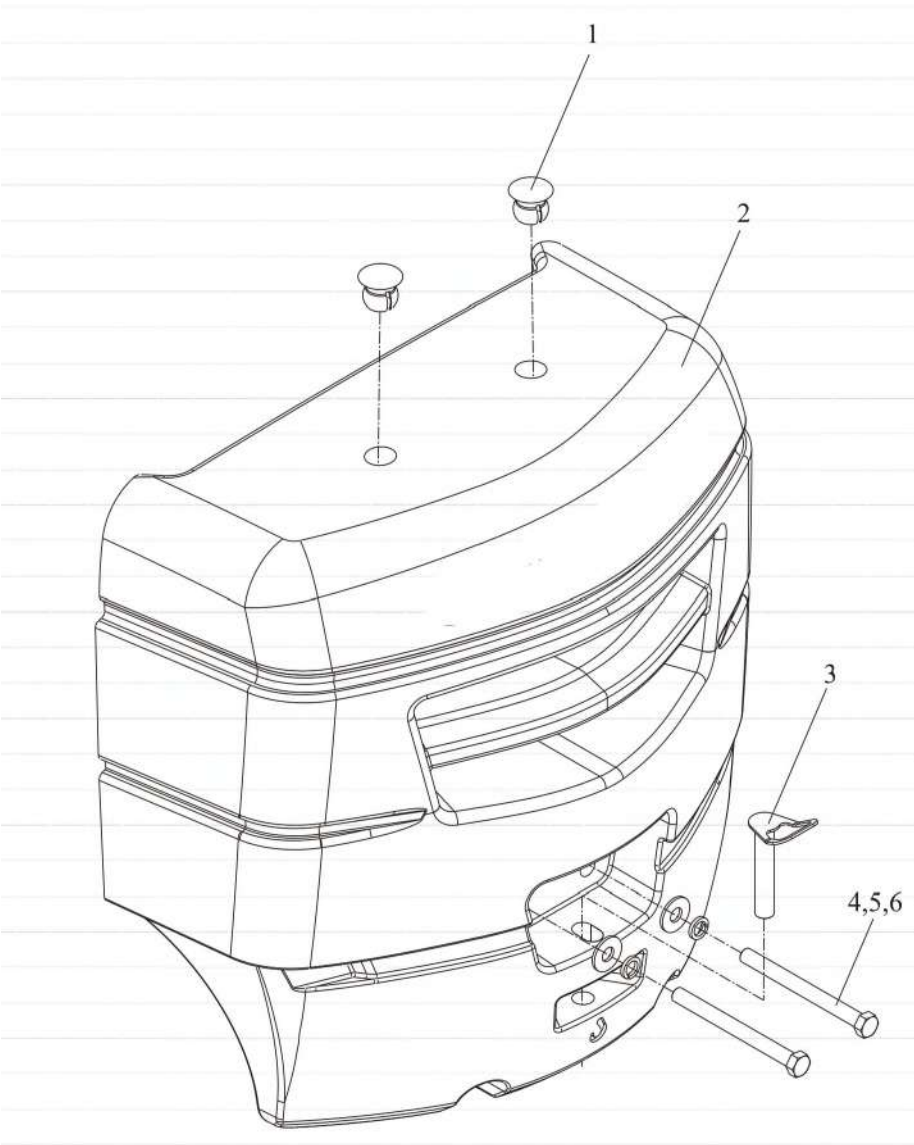
01- Frame Assembly



No.	Part No.	Description	Qty.	Remark
1	GB/T5783	M8x16 Bolt	2	
2	GB/T93	8 Washer, lock	6	
3	GB/T6170	M6 Nut	12	
4	GB/T93	6 Washer, lock	12	
5	D30AE1-10102	Evaporator Mounting plate	1	
6	D22A1-10004	Cushion	4	
7	D30AE1-10300	Pressure plate ass'y	1	
8	GB/T5783	M6x16 Bolt	4	
9	GB/T97.1	6 Washer	8	
10	GB/T 16674.1	M8x16 Hex Flange Bolt	2	
11	D22A1-10007	ECU Mounting plate	1	
12	D30AE1-10104	Bracket	1	
13	D27A1-10100	Frame	1	
14	D30A1-20001	Weight cover	2	
15	D22A1-10005	Bearing	2	
16	D27A1-10900	Plate	1	
17	GB/T97.1	16 Washer	8	
18	GB/T93	16 Washer, lock	8	
19	GB/T5786	M16x1.5x40 Bolt	4	
20	M15A3-00001	Cap	2	
21	GB/T5786	M16x1.5x75 Bolt	4	
22	D27A1-10800	Instrument ass' y	1	
23	GB/T5783	M10x20 Bolt	3	
24	GB/T93	10 Washer,lock	14	
25	GB/T97.1	10 Washer	3	
26	GB/T97.1	12 Washer	8	
27	GB/T93	12 Washer, lock	8	
28	GB/T6170	M12 Nut	4	
29	GB/T5783	M12x40 Bolt	4	
30	D30A1-11002	Clip	1	



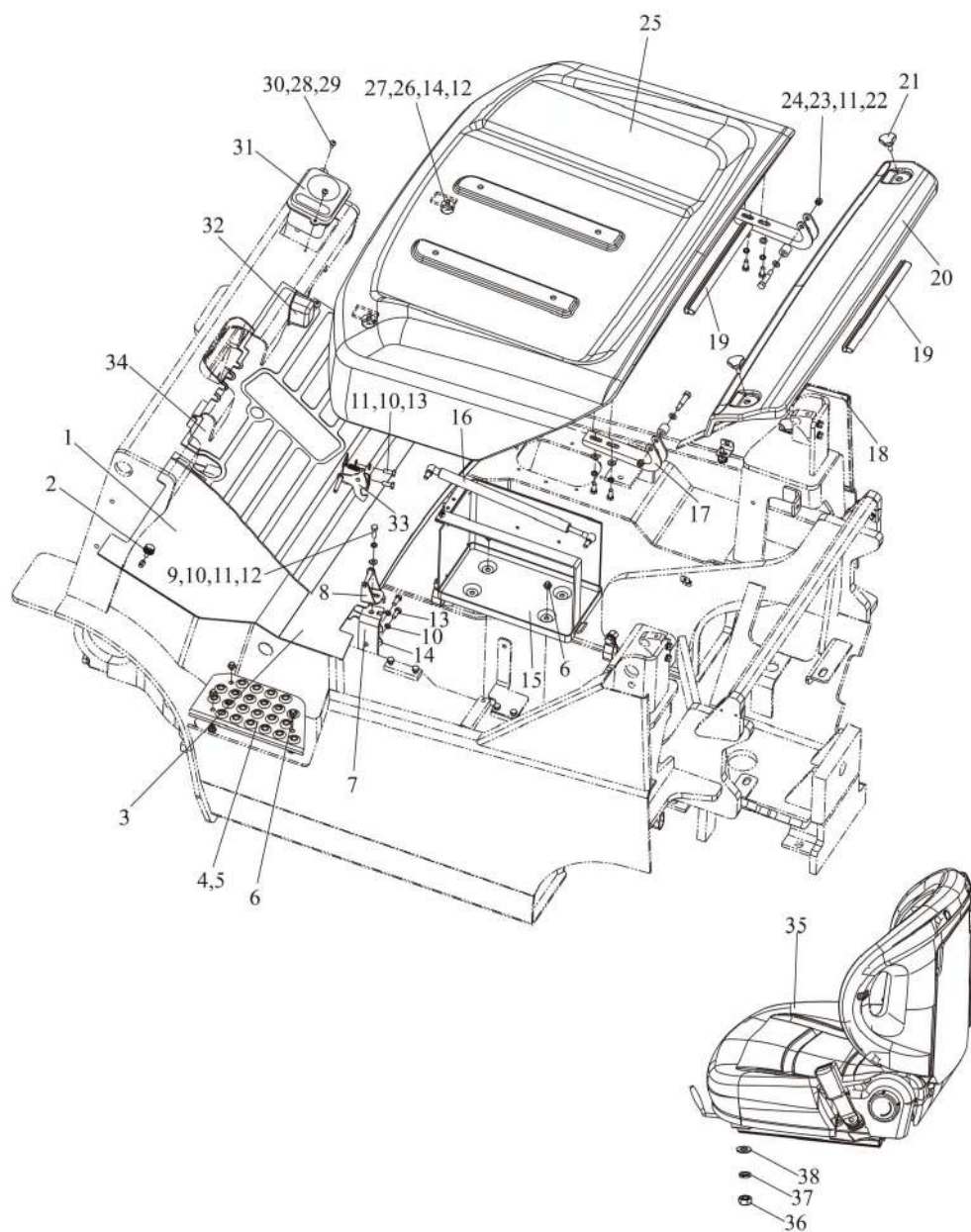
No.	Part No.	Description	Qty.	Remark
31	D30A1-11008	Clip	10	
32	D15G1-20009	Cone pad	4	
33	D30A1-20009	Screw	2	
34	D27A1-12000	Side cover (Right)	1	
35	D27A1-10010	Hinge seat	2	
36	GB/T5783	M8x20 Bolt	4	
37	GB/T97.1	8 Washer	4	
38	GB/T5783	M6x20 Bolt	4	
39	D30PT1-10002	Plate	4	
40	D27A1-11000	Side cover Ass'y (Left)	1	



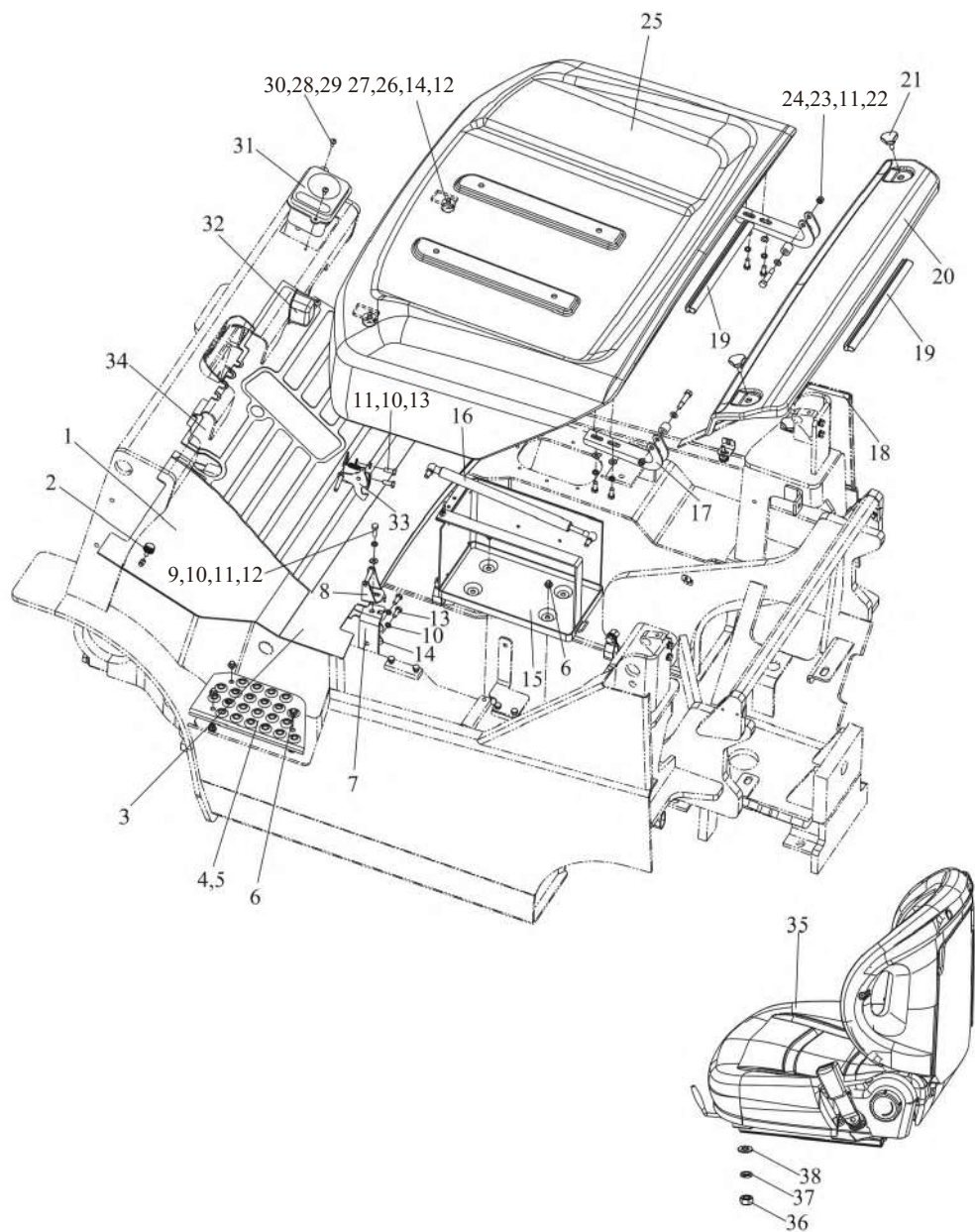
No.	Part No.	Description	Qty.	Remark
1	D30A1-50002	Decorative cover	2	
2	D32A1-50001	Counterweight	1	
3	D22A1-50100	Traction pin	1	
4	GB/T5783	M24x260 Bolt	2	
5	GB/T93	24 Washer, lock	2	
6	D30C1-50004	Thickened washer	2	

5- BODY SYSTEM

03- Hood, Floorboard & Seat



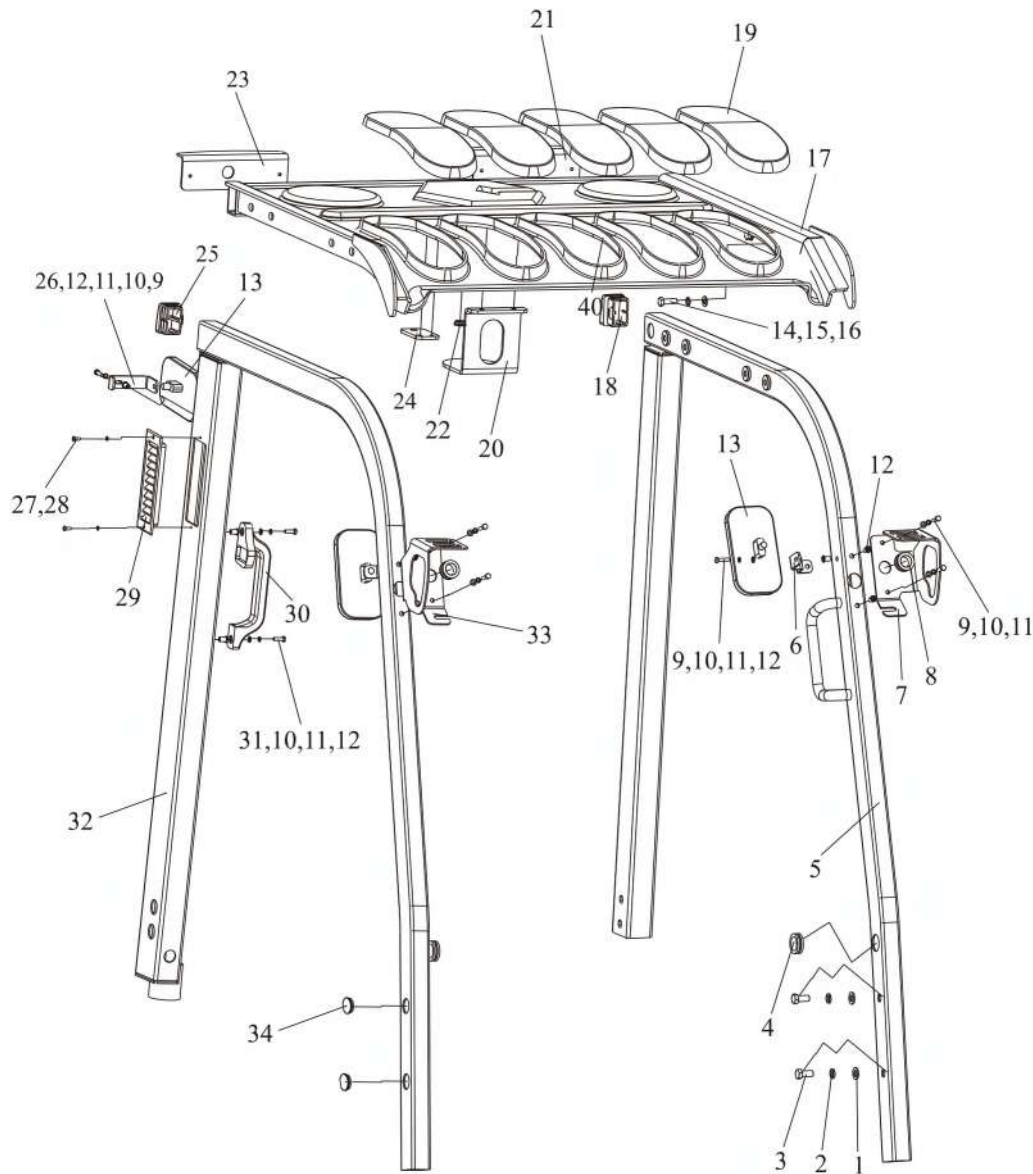
No.	Part No.	Description	Qty.	Remark
1	D27A1-20200	Floor board ass'y	1	
2	D22A1-20006	Straight handle	2	
3	D27A1-20300	Back board ass'y	1	
4	D22A1-20003R	Pedal (Right)	1	
5	D22A1-20003L	Pedal (Left)	1	
6	GB/T 16674.1	M8x8 Hex Flange Bolt	8	
7	D30A1-20016	Locks Support	1	
8	D30A1-20710	Hook Under Hood	1	
9	GB/T5783	M8x25 Bolt	1	
10	GB/T93	8 Washer, lock	9	
11	GB/T97.1	8 Washer	6	
12	GB/T6170	M8 Nut	5	
13	GB/T5783	M8x20 Screw	8	
14	GB/T96	8 Washer	8	
15	D30C1-20500	Battery Box	1	
16	D30PI1-20008	Shock, absorber	1	
17	D22A1-20010	Hinge	2	
18	D22A1-20005	Sponge pad	1	
19	D30A1-20007	1 Gasket	1	
20	D22A1-20001	Radiator cover	1	
21	D30A1-20009	Screw	2	
22	GB/T889.1	M8 Nut	2	
23	D30A1-20005	Bushing	2	
24	D30A1-20004	Bolt	2	
25	D22A1-20100	Bonnet ass'y	1	
26	GB/T5783	M8x40 Bolt	2	
27	D30A1-20011	Rubber cushion	2	
28	D30C1-20009	M6x16 Screw	2	
29	GB/T93	6 Washer, lock	2	
30	GB/T97.1	6 Washer	2	



No.	Part No.	Description	Qty.	Remark
31	D30P11-20003	Tool box	1	
32	D30A1-20701	Hook box	1	
33	D30A1-20720	Hook	1	
34	D27A1-20100	Mat-floor	1	
35	A30A1-00100	BF2 Seat	1	Standard Config
-	A30A1-00500	BF2 Seat	1	
-	A30A1-00400	Seat	1	
-	A30A1-00300	BF2 Electric Switch Seat	1	OPS Car Selection
-	A30A1-00600	BF2 Electric Switch Suspended Seat	1	OPS Car Selection
-	A30A1-00800	BF5 Electronic Switch Seat	1	OPS Car Selection
-	A30A1-01000	BF5 Suspended electronic Switch Seat	1	OPS Car Selection
-	A30A1-00700	BF5 Scat	1	CE Car Selection
-	A30A1-00900	BF5 Suspended Seat	1	CE Car Selection
36	GB/T6170	M8 Nut	4	Comes w/ Seat
37	GB/T93	8 Washer, lock	4	Comes w/ Seat
38	GB/T97.1	8 Washer	4	Comes w/ Seat

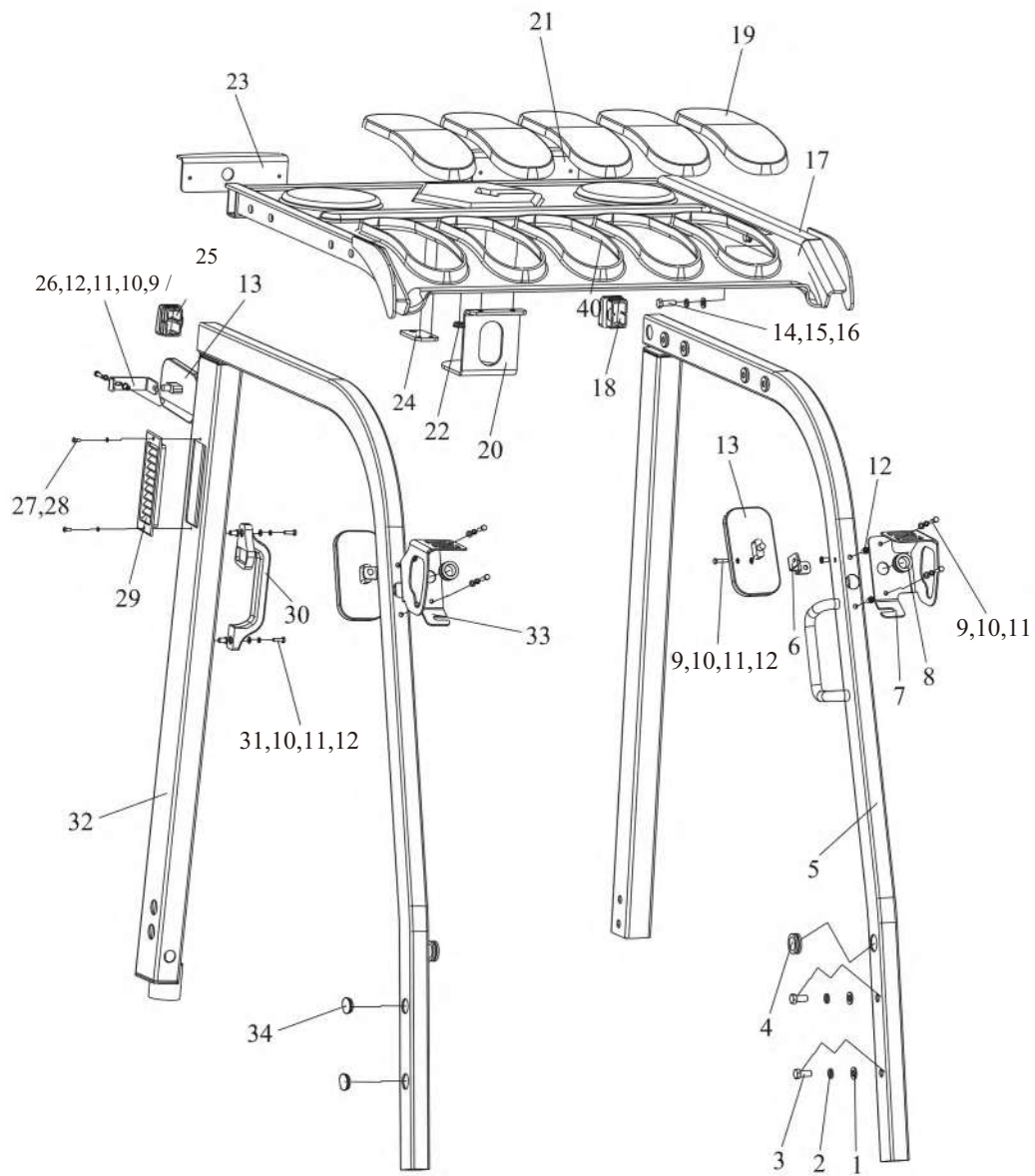
5- BODY SYSTEM

04- Head Guard

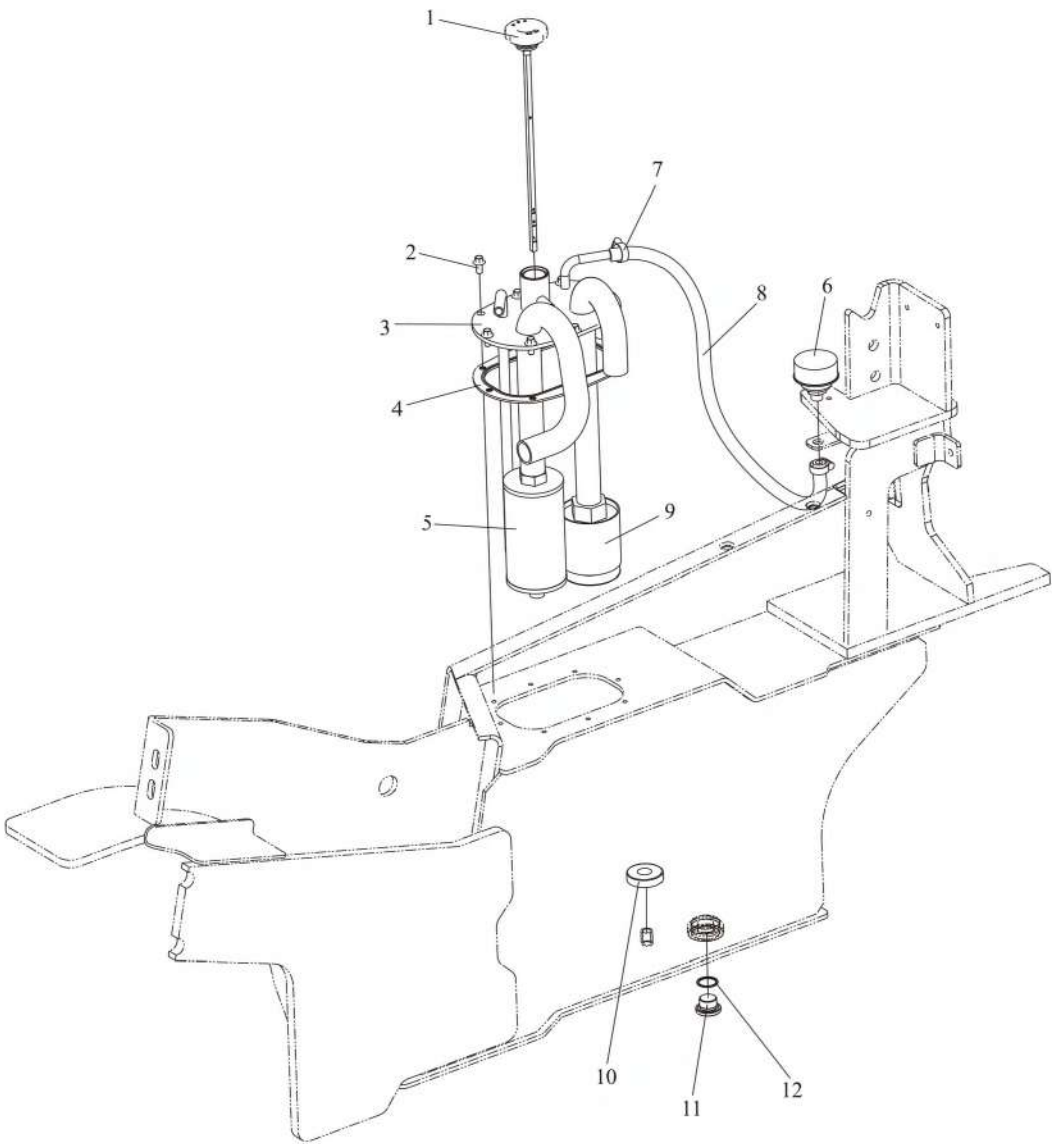


33

No.	Part No.	Description	Qty.	Remark
1	GB/T97.1	12 Washer	4	
2	GB/T93	12 Washer, lock	4	
3	GB/T5783	M12x25 Bolt	4	
4	D30A1-30005	II Grommet	2	
5	D27A1-30100	Left leg ass'y	1	
6	D30A1-30002	Guard	2	
7	D50D1-40032L	LED Light Stand (Left)	1	
8	D30A1-30004	1 Grommet	2	
9	GB/T5783	M6x25 Bolt	7	
10	GB/T93	6 Washer, lock	9	
11	GB/T97.1	6 Washer	9	
12	D30C1-30001	M6 Nut	9	
13	D30A1-30800	Back-mirror	3	Ordinary Rearview Mirror
14	GB/T5783	M10x30 Bolt	8	
15	GB/T93	10 Washer, lock	8	
16	GB/T97.1	10 Washer	8	
17	D27A1-30300	Overhead guard Ass'y	1	
18	D30P1-30004L	Rear cover (left)	1	
19	D30C1-30002	Rain cover	5	
20	D30C1-30005	Alarm lamp holder	1	Optional Additional Lights
21	D30D1-31002L	Left protection panel	1	
22	D30C1-30004	Weight cover	1	
23	D30D1-31002R	Right protection panel	1	
24	D30D1-31004	Headlight brackets	1	Optional Rear headlights
25	D30P1-30004L	Rear cover (Right)	1	
26	D22A1-30002	Bracket	1	
27	GB/T823	M5x12 Screw	2	
28	GB/T93	5 Washer, lock	2	
29	D30PI1-30001	Air intake window	1	
30	D30C1-30500	Rear handle ass'y	1	



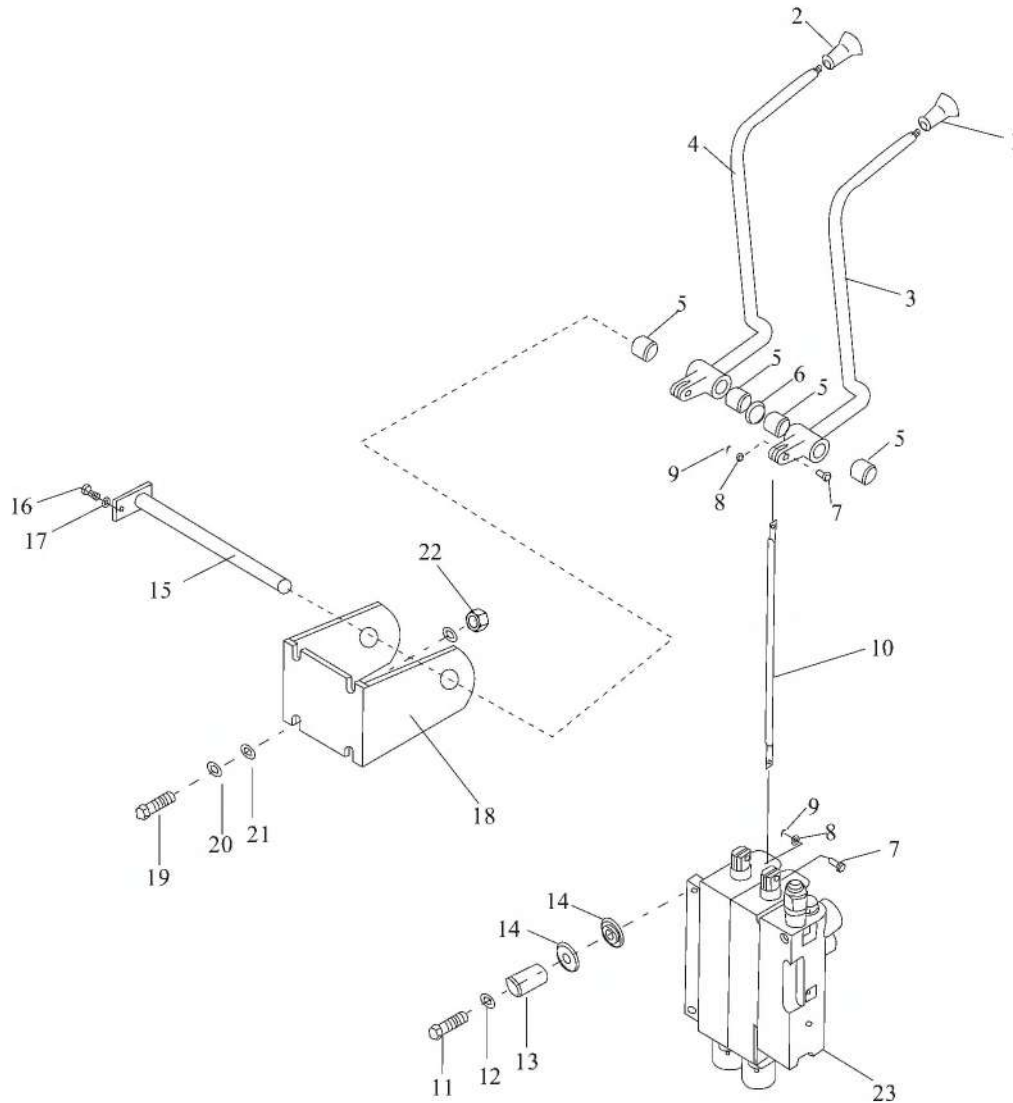
No.	Part No.	Description	Qty.	Remark
31	GB/T5783	M6x20 Bolt	2	
32	D27A1-30200	Right leg ass'y	1	
33	D50D1-40032R	LED Light Stand (Right)	1	
34	D30A1-20001	Weight cover	5	



No.	Part No.	Description	Qty.	Remark
1	A22A4-50200	Oiling cap ass'y	1	
2	GB/T 16674.1	M8x16 Hex Flange Bolt	6	
3	A22A4-50100	Coverplate ass'y	1	
4	A30A5-30003	Cover, gasket	1	
5	A30A4-50300	Same Oil Filter	1	
6	A30A4-50500	Respirator	1	
7	JB/T8870	25x16 Clip	2	
8	TG000-10030	10x300 Hose	1	
9	A30A4-50400	Oil Suction Filter	1	
10	A30A4-50003	Magnet	1	
11	A30A4-50002	Plug, drain	1	
12	A30A4-50004	ED 26 Scaling ring	1	

6- HYDRAULIC SYSTEM

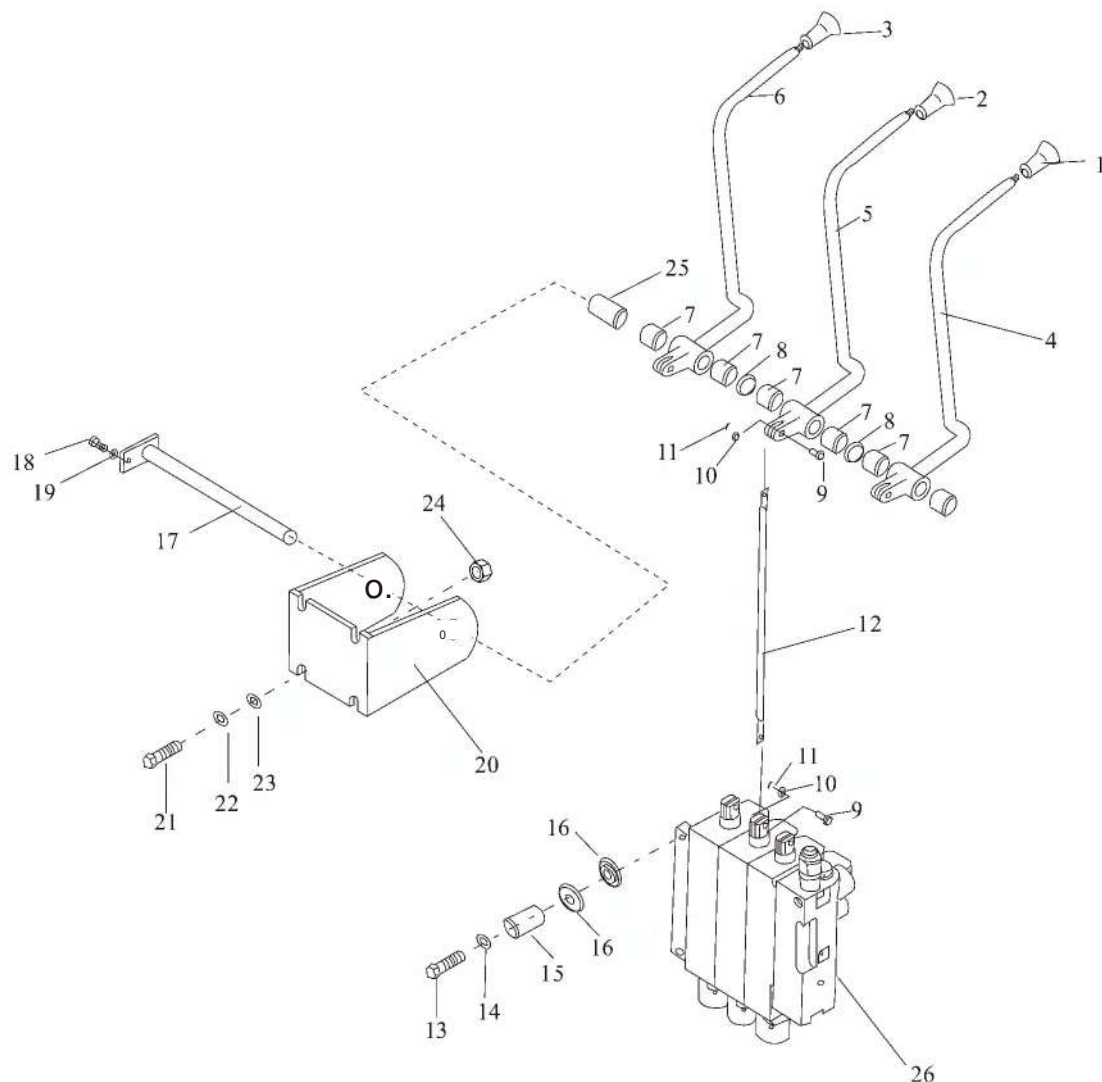
02- Valve Control (2-Throw)



No.	Part No.	Description	Qty.	Remark
1	A30A7-40003	Knob, lift	1	standard car European Standard Priority Xfer Selection
2	A30A7-40004	Knob, tilt	1	
3	A30C7-40210	Joystick, lift	1	
4	A30C7-40220	Joystick, 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	1.6x20 Pin, cotter	4	
10	A22A7-40001	Joint	2	
11	GB/T5786	M10x1.25x35 Bolt	3	
12	A30A5-20003	Plate	3	
13	A30A7-40001	Collar	3	
14	A30A7-40002	Rubber	6	
15	A30C7-40110	Shaft, valve	1	
16	GB/T5783	M6x10 Bolt	1	
17	GB/T93	6 Washer, lock	1	
18	A30C7-40026	Bracket, valve lever	1	
19	GB/T5783	M8x25 Bolt	4	
20	GB/T937	8 Washer, lock	4	
21	GB/T97.1	8 Washer	8	
22	GB/T6170	M8 Nut	4	
23	A30A4-30000*2	Control ass'y	1	
-	A30B4-30000*2	Control ass'y	1	
-	A30c4-30000*2	Control ass'y	1	

6- HYDRAULIC SYSTEM

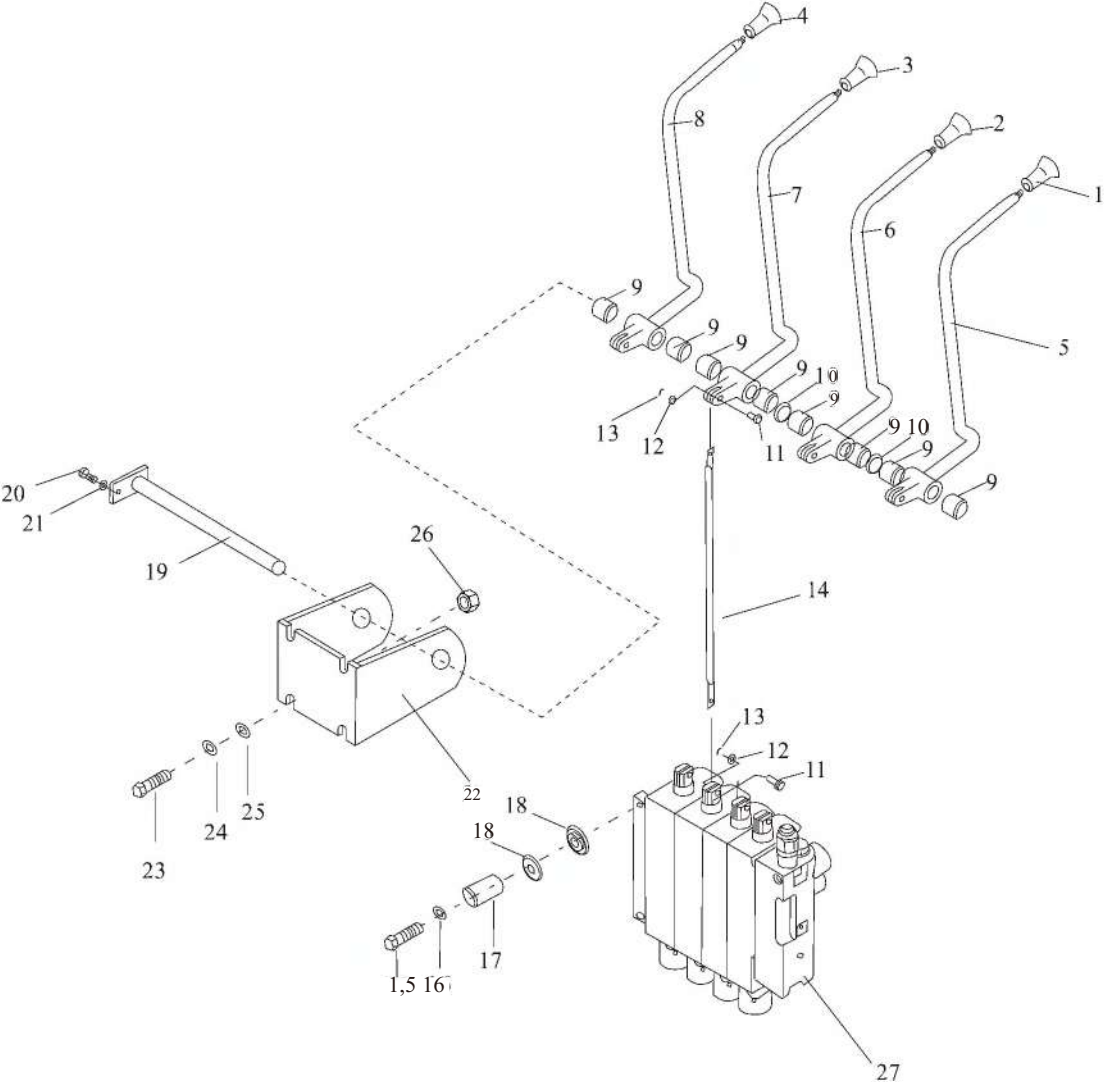
03- Valve Control (3-Throw)



No.	Part No.	Description	Qty.	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A30C7-40210	Joystick, lift	1	
5	A30C7-40220	Joystick, tilt	1	
6	A30C7-40230	Joystick third valve	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	1.6x20 Pin, cotter	6	
12	A22A7-40001	Joint	3	
13	GB/T5786	M10x1.25x35 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	M6x10 Bolt	1	
19	GB/T93	6 Washer, lock	1	
20	A30C7-40036	Bracket, valve lever	1	
21	GB/T5783	M8x25 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	A30A4-30000*3	Control ass'y	1	
-	A30B4-30000*3	Control ass'y	1	
-	A30c4-30000*3	Control ass'y	1	

6- HYDRAULIC SYSTEM

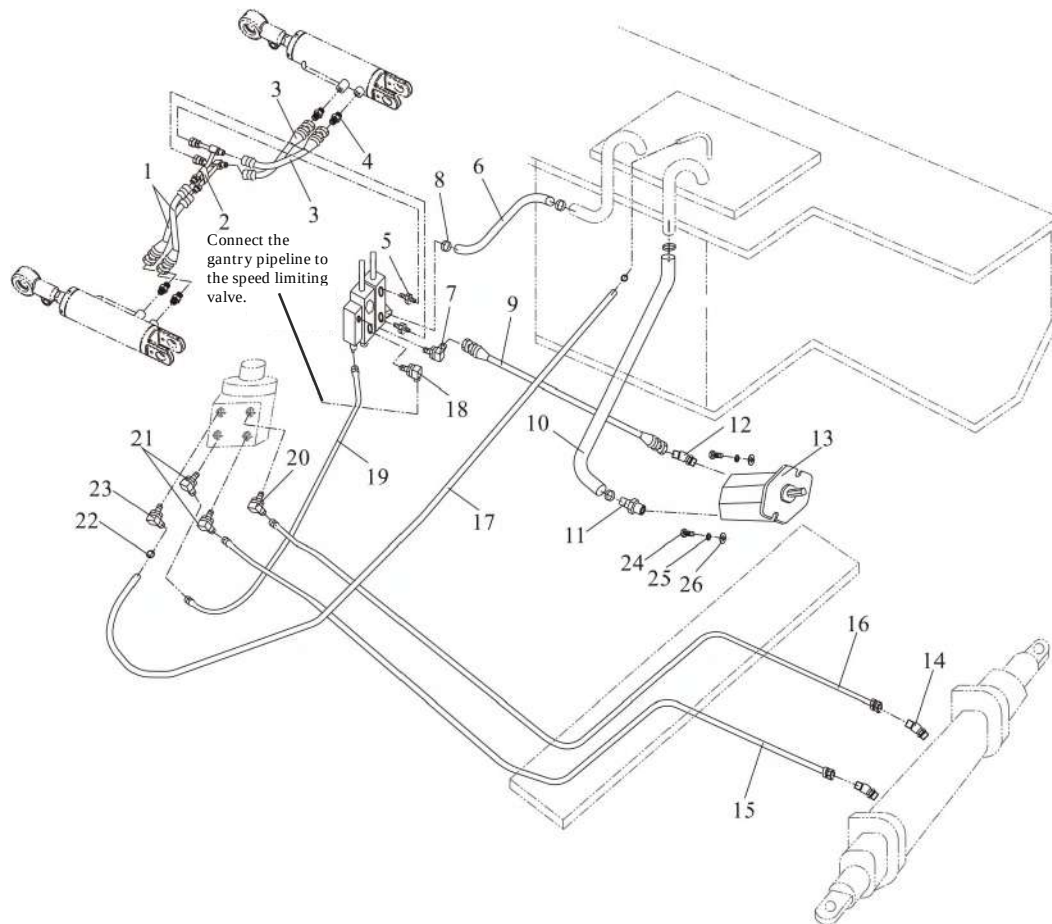
04- Valve Control (4-Throw)



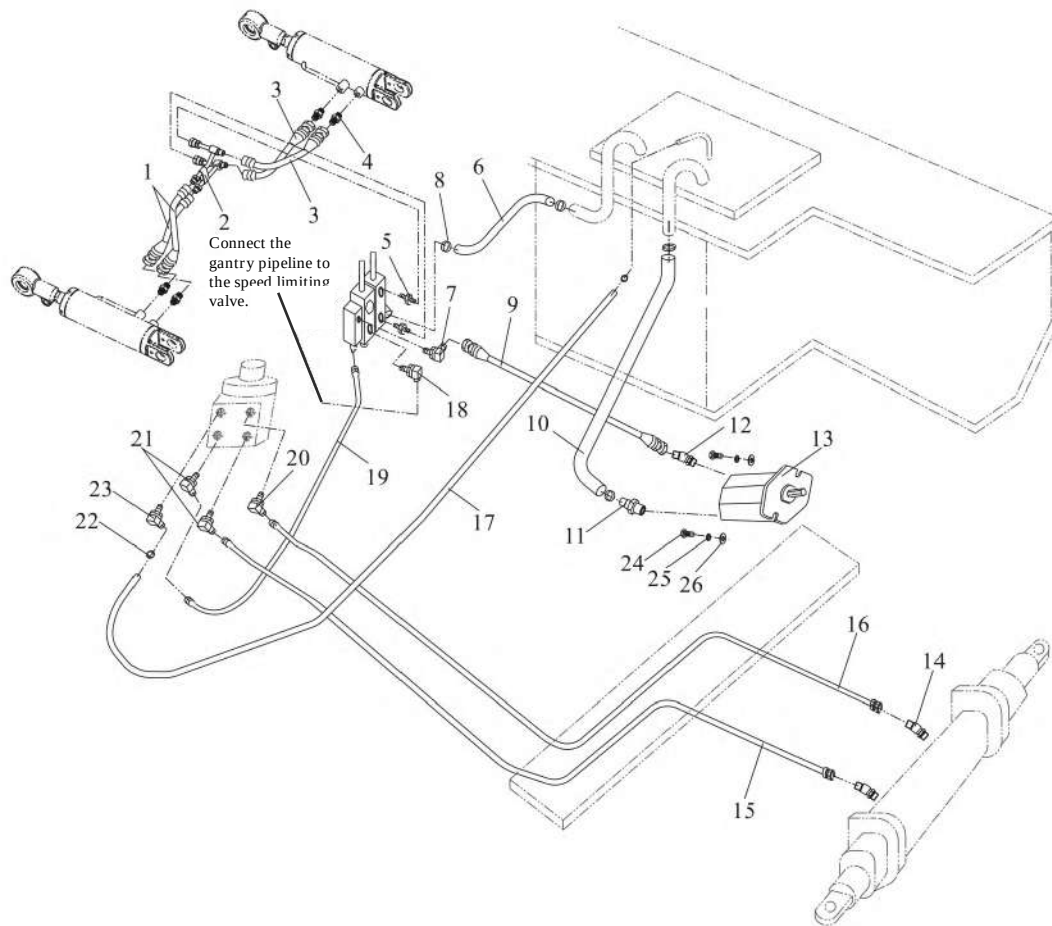
No.	Part No.	Description	Qty.	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A30A7-40006	Knob, clamp	1	
5	A30C7-40210	Joystick, lift	1	
6	A30C7-40220	Joystick, tilt	1	
7	A30C7-40230	Joystick, third valve	1	
8	A30C7-40240	Joystick, fourth valve	1	
9	A30C7-40004	1615 Bushing	8	
10	A30C7-40005	Washer	2	
11	A30C7-40001	Pin	8	
12	GB/T97.1	6 Washer	8	
13	GB/T91	1.6x20 Pin, cotter	8	
14	A22A7-40001	Joint	4	
15	GB/T5786	M10x1.25x35 Bolt	3	
16	A30A5-20003	Plate	3	
17	A30A7-40001	Collcr	3	
18	A30A7-40002	Rubber	6	
19	A30C7-40120	Shaft, valve	1	
20	GB/T5783	M6x10 Bolt	1	
21	GB/T93	6 Washer, lock	1	
22	A30C7-40036	Bracket, valve lever	1	
23	GB/T5783	M8x25 Bolt	4	
24	GB/T937	8 Washer, lock	4	
25	GB/T97.1	8 Washer	8	
26	GB/T6170	M8 Nut	4	
27	A30A4-30000M	Control ass'y	1	Standard
-	A30B4-30000M	Control ass'y	1	Euro Standard
-	A30C4-30000M	Control ass'y	1	Priority Xfer Selection

6- HYDRAULIC SYSTEM

05- Hydraulic Pipeline



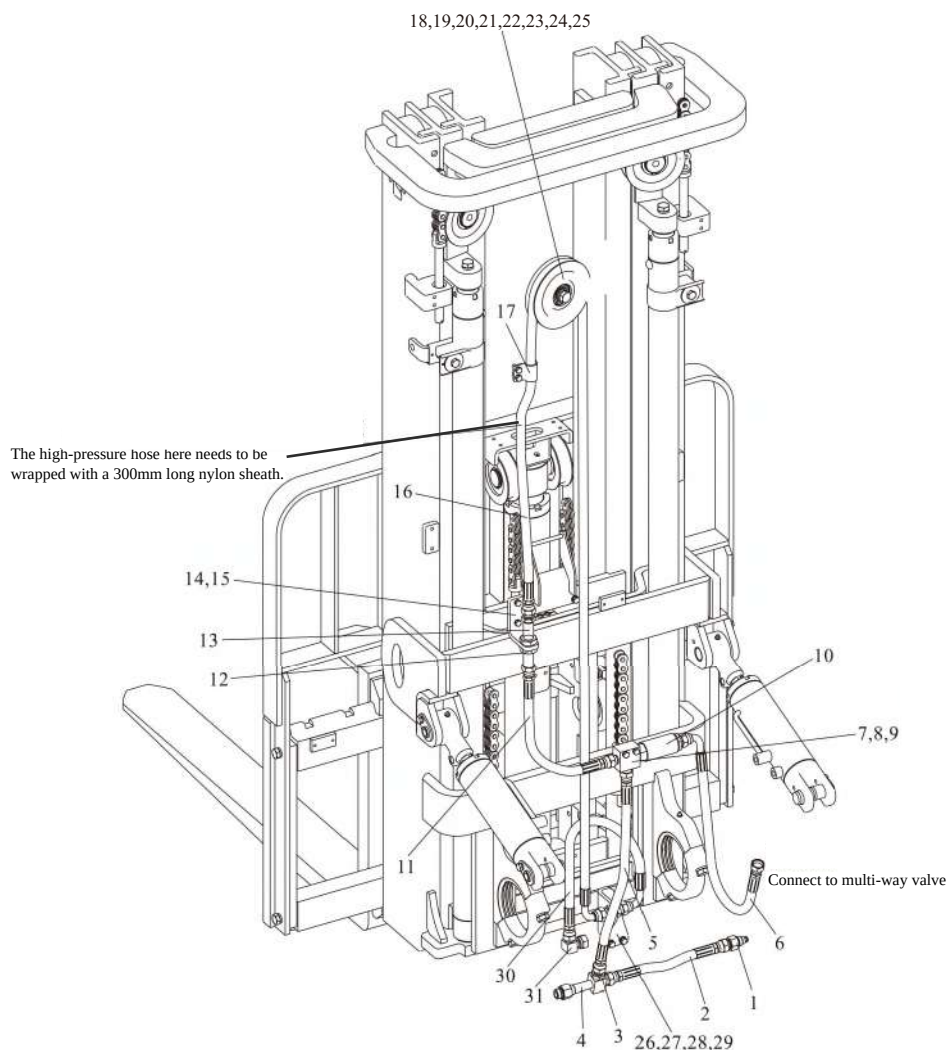
No.	Part No.	Description	Qty.	Remark
1	TGIBII-08035*J	8IIx350 Import Hose (High Pressure)	2	EX-B
-	TGICII-08037*J	8IIx 370 Hose (High Pressure)	2	EX-A
2	A22B4-00100	Steel pipe ass'y	1	EX-B
-	A27A4-00100	Steel pipe ass'y	1	EX-A
3	TGLBII-08039-H40*J	8IIx390Hose (High Pressure)	2	EX-B
-	TGLCII-08039-H40*J	8IIx 390 Hose (High Pressure)	2	EX-A
4	GJT-72-00	Straight Connector	2	EX-B
-	GJT-797-00	Straight Connector	2	EX-A
5	GJT-18-00	Straight Connector	4	
6	A30C4-00001	Hose	1	
7	GJT-20-00	Elbow	1	EX-B
-	GJT-230-00	Elbow	1	EX-A
8	JB/T8870	50x32 Clip	4	
9	TGICII-13122*G	13IIx1220 Hose (High Pressure)	1	
10	A22A4-00001	Hose (Low Pressure)	1	
11	GJT-08-00	Straight Connector	1	
12	GJT-09-00	Elbow	1	EX-B
-	GJT-322-00	Elbow	1	EX-A
13	A30E4-20000	Gear pump	1	
14	GJT-17-00	Straight Connector	2	EX-B
-	GJT-705-00	135°Connector	2	EX-A
15	TGIBI-08150*G	81xI500 Hose (High Pressure)	1	EX-B
-	TGICI-08150*G	81xI500 Hose (High Pressure)	1	EX-A
16	TGIBI-08170*G	8Ix1700 Hose (High Pressure)	1	EX-B
-	TGICI-08170*G	8Ix1700 Hose (High Pressure)	1	EX-A
17	TG000-13140	13x1400 Hose (Low Pressure)	1	
18	GJT-19-00	Elbow	1	standard EX-B
-	GJT-232-00	Elbow	1	standard EX-A
-	GJT-70-00	Through joint	1	Euro standard EX-B
-	GJT-429-00	Through joint	1	Euro standard EX-A



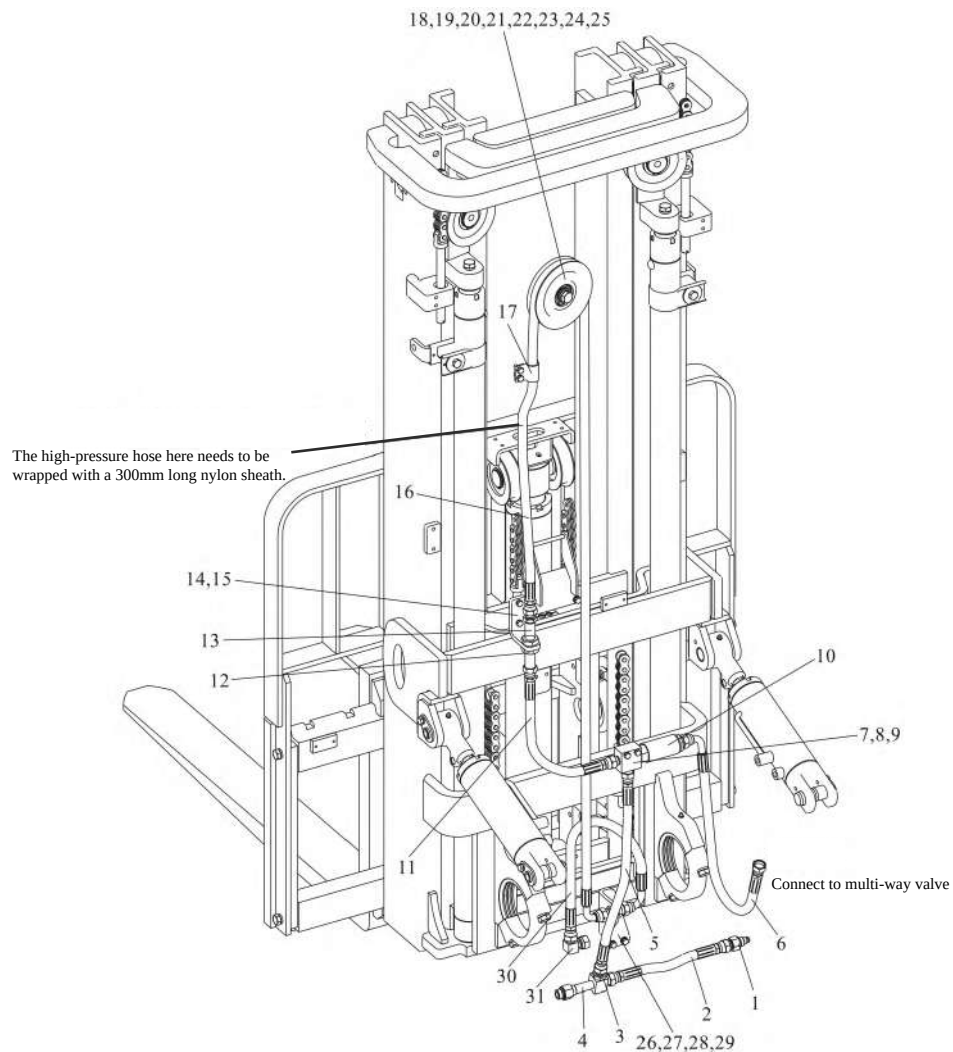
No.	Part No.	Description	Qty.	Remark
19	TGUBI-08021-H55h55*G	81x215 Hose (High Pressure)	1	EX-B
-	TGUBCI-08021 -H55h55*G	81x215 Hose (High Pressure)	1	EX-A
20	GJT-11-00	Elbow	1	2-piece EX-B
-	GJT-11-00	Elbow	2	disc valve EX-B
-	GJT-11-00	Elbow	3	4-piece EX-B
-	GJT-706-00	Elbow	1	2-piece EX-A
-	GJT-706-00	Elbow	2	3-piece EX-A
-	GJT-706-00	Elbow	3	4-Piece EX-A
21	GJT-12-00	Elbow	2	2-Piece EX-B
-	GJT-12-00	Elbow	3	3-Piece EX-B
-	GJT-12-00	Elbow	4	4-Piece EX-B
-	GJT-707-00	Elbow	2	2-Piece EX-A
-	GJT-707-00	Elbow	3	3-Piece EX-A
-	GJT-707-00	Elbow	4	4-Piece EX-A
22	JB/T8870	25x16 Clip	2	
23	GJT-13-00	Elbow	1	
24	GB/T5783	M10x35 Bolt	2	
25	GB/T97.1	10 Washer	2	
26	GB/T93	10 Washer, lock	2	

7- LIFTING SYSTEM

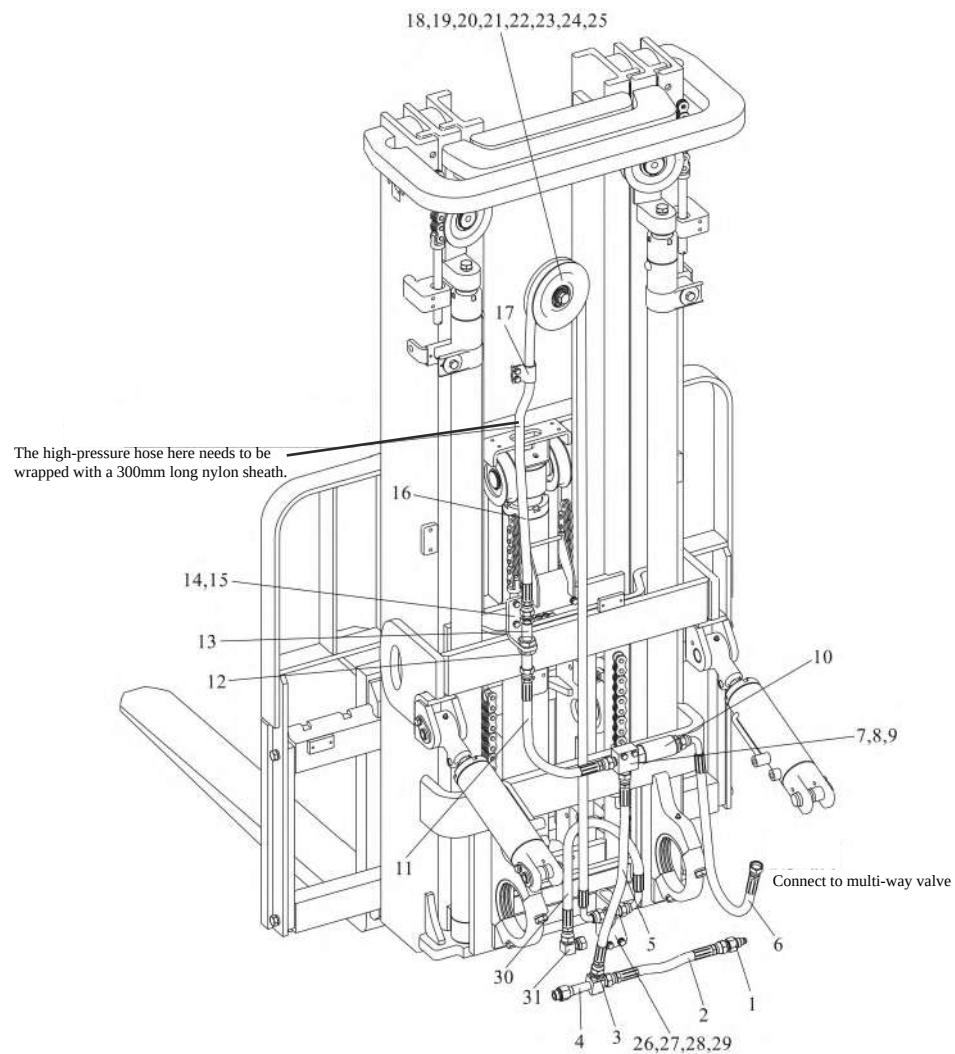
01- Hydraulic System Mast (Full Free 3-Stage Mast KZM)



No.	Part No.	Description	Qty.	Remark
1	GJT-04-00	Valve, check	1	EX-B
-	GJT-391-00	Valve, check	1	EX-A
2	TGIBII-13031*J	13IIx 310 Hose (High Pressure)	1	EX-B
-	TGICII-13031*J	13IIx310 Hose (High Pressure)	1	EX-A
3	GJT-26-00	Straight Connector	1	EX-B
-	GJT-242-00	Straight Connector	1	EX-A
4	GJT-03-00C	Three way connector ass'y	1	EX-B
-	GJT-390-00	Three way connector ass'y	1	EX-A
5	TGIBII-13054NL*J	13IIx540 Hose (High Pressure)	1	EX-B
-	TGICII-13054NL*J	13IIx 540 Hose (High Pressure)	1	EX-A
6	TGLBII-13064-H40NL*J	13IIx640 Hose (High Pressure)	1	EX-B
-	TGLCII-13064-H40NL*J	13IIx640 Hose (High Pressure)	1	EX-A
7	GJT-61-00	Three way connector	1	EX-B
-	GJT-241-00	Three way connector	1	EX-A
8	GB/T5783	M8x50 Bolt	2	
9	GB/T93	8 Washer, lock	4	
10	GJT-02-00-2	Flow regulator	1	EX-B
-	GJT-243-00-2	Flow regulator	1	EX-A
11	TGIBII-13043NL*J	13IIx430 Hose (High Pressure)	1	EX-B
-	TGICII-13043NL*J	13IIx430 Hose (High Pressure)	1	EX-A
12	GB/T6173	M22x1.5 Nut	2	EX-B
13	GJT-179-00	Straight Connector	1	EX-B
-	GJT-237-00	Straight Connector	1	EX-A
14	S30J3-70004	Connector bracket	1	
15	GB/T5783	M8x20 Bolt	4	
16	TGLBD-13XXX-H40*J	13IIxXXX Hose (High Pressure)	1	EX-B
-	TGLCII-13XXX-H40*J	13IIxXXX Hose (High Pressure)	1	EX-A
17	S30J3-70003	Pipe clamp	1	
18	S30J3-70002	Axle	1	
19	GB/T276	6205 Bearing	1	



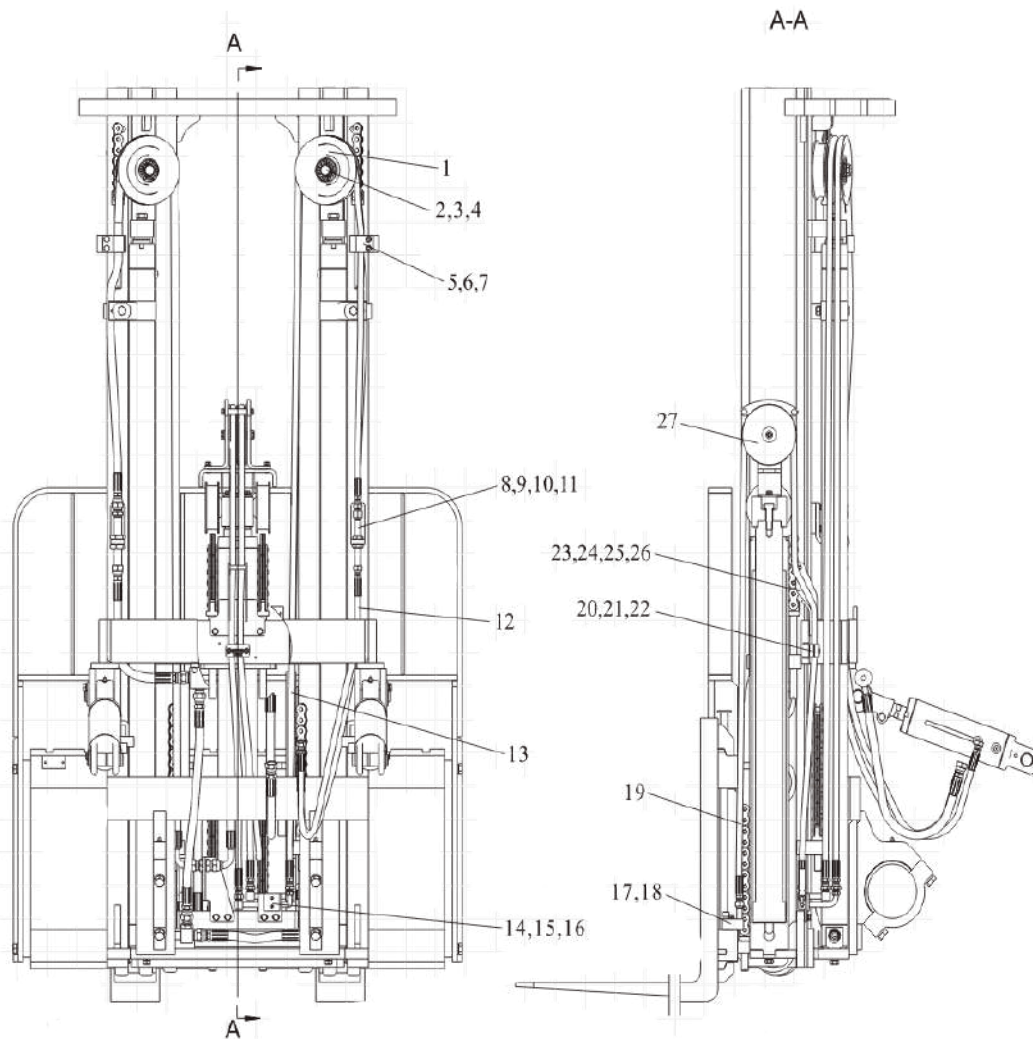
No.	Part No.	Description	Qty.	Remark
20	S30J3-70001	Pulley	1	
21	GB/T893.1	52 Ring	1	
22	GB/T894.1	25 Ring	1	
23	GB/T5785	M16x1.5x55 Bolt	1	
24	GB/T93	16 Washer, lock	1	
25	GB/T97.1	16 Washer	1	
26	S27D3-70001	Joint fixing plate	1	
27	GB/T97.1	8 Washer	2	
28	GB/T5783	M8x25 Bolt	2	
29	GJT-497-00	Nipple	1	EX-B
-	GJT-715-00	Nipple	1	EX-A
30	TGLBII-13060-H40NL*J	13IIx540 Hose (High Pressure)	1	
31	GJT-558-00	Elbow	1	



Mast Piping Optional Parts

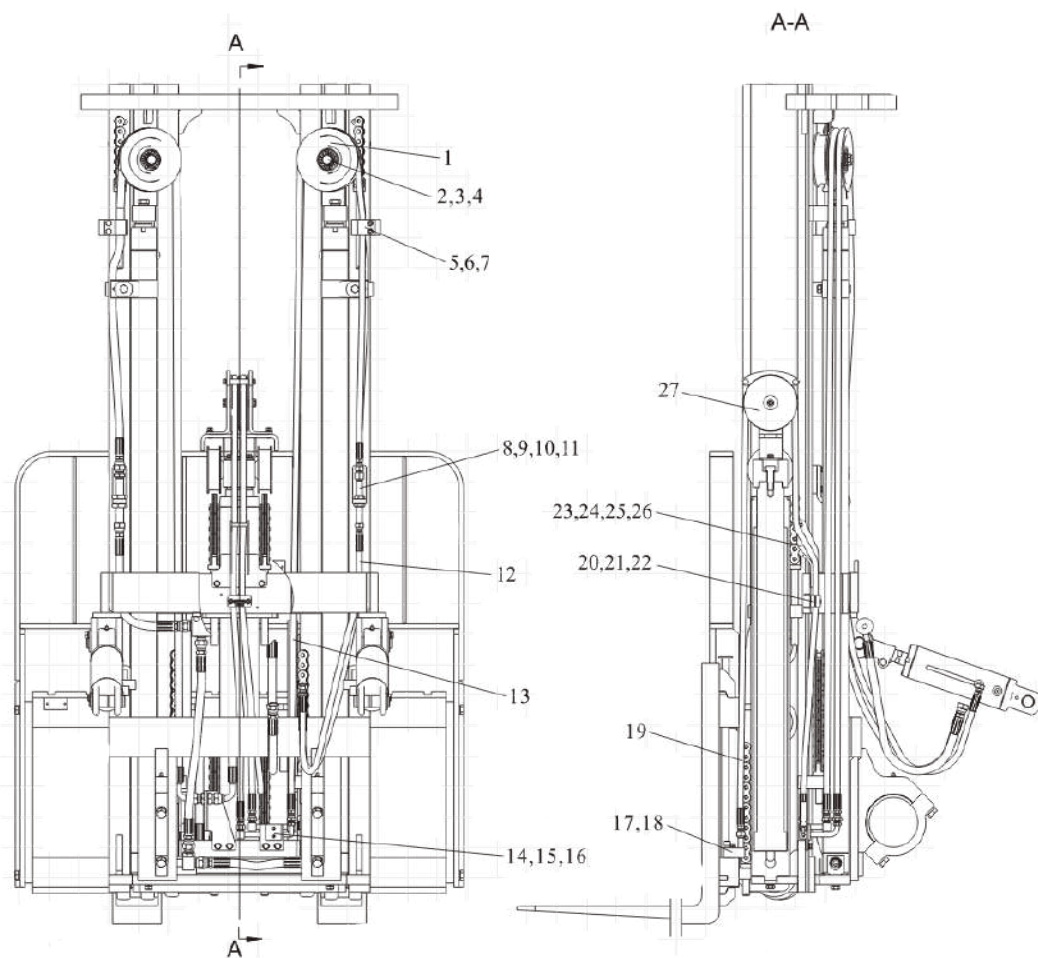
Lifting Height	16 Hose(mm)	Remark
3700	2050	
4000	2250	
4350	2450	
4500	2550	Standard
4800	2750	
5000	2850	
5500	3250	
6000	3550	

7- LIFTING SYSTEM 02- Hydraulic system Attachments (Full Free 3-stage Mast KZM)

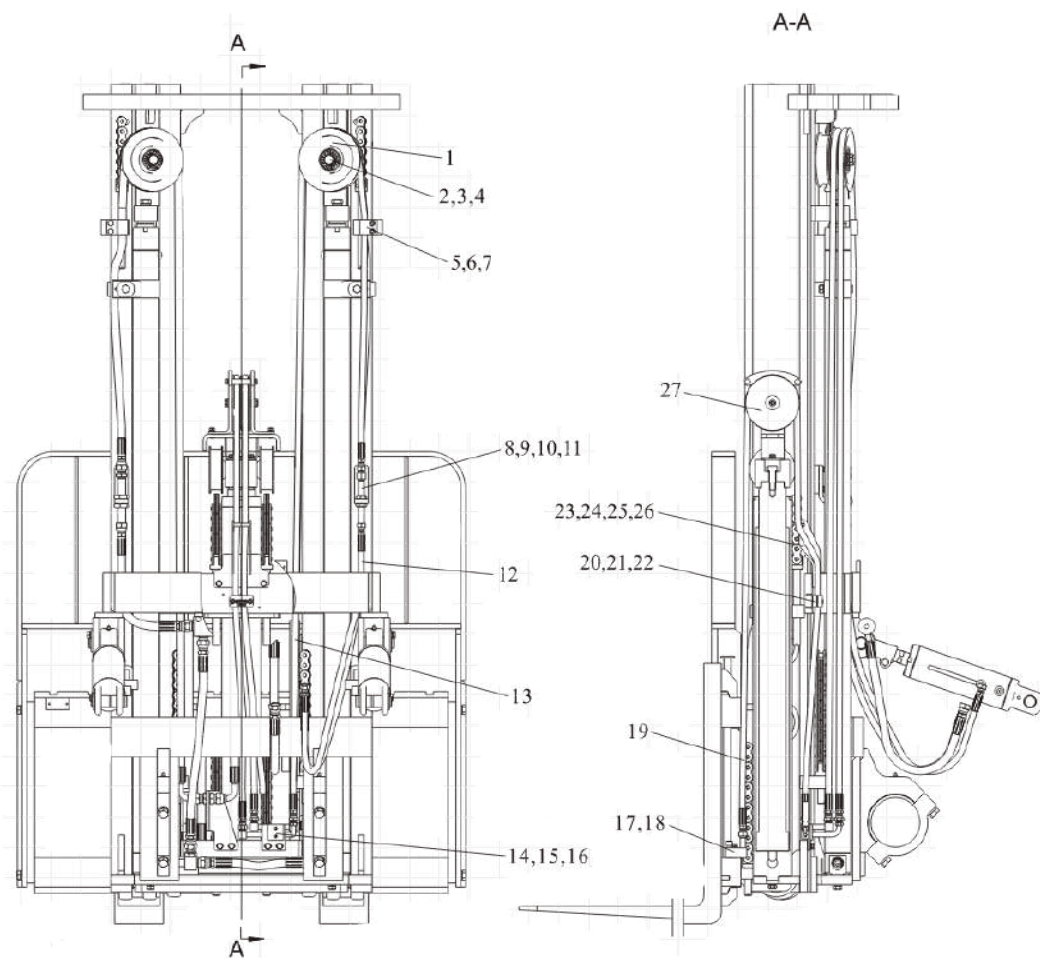


44

No.	Part No.	Description	Qty.	Remark
1	S30J3-90200	Pulley	1	
2	GB/T5785	M16x1.5x60 Bolt	1	
3	GB/T93	16 Washer, lock	1	
4	GB/T97.1	16 Washer	1	
5	S30J3-90003	Pipe clamp	2	
6	GB/T70. 1	M8x50 Hex Socket Screw	2	
7	GB/T93	8 Washer, Lock	12	
8	GJT-180-00	Straight Connector	2	EX-B
-	GJT-725-00	Straight Connector	2	EX-A
9	GB/T6171	M16x1.5 Nut	4	EX-B
10	S30J3-90006	Double joint bracket	1	
11	GB/T5783	M8x20 Bolt	8	
12	TGIBI-08095*J	81x950 Hose (High Pressure)	2	EX-B
-	TGICI-08095*J	81x950 Hose (High Pressure)	2	EX-A
13	TGIBI-08XXX*J	81xXXX Hose (High Pressure)	2	EX-B
-	TGICI-08XXX*J	81xXXX Hose (High Pressure)	2	EX-A
14	S30J3-90100	Steel Pipe ass'y	1	EX-B
-	S35W3-90100	Steel Pipe ass'y	1	EX-A
15	GB/T5783	M8x25 Bolt	2	
16	GB/T97.1	8 Washer	8	
17	GJT-225-00	Four way joint	1	EX-B
-	GJT-712-00	Elbow	2	EX-A
18	GB/T5783	M8x40 Bolt	2	EX-B
-	S20D3-90100	Fixed plate	1	EX-A
19	TGIBI-08XXX*J	81xXXX Hose (High Pressure)	2	EX-B
-	TGICI-08XXX*J	81xXXX Hose (High Pressure)	2	EX-A
20	M30K3-90006	Pipe clamp	2	
21	GB/T70. 1	M6x30 Screw	2	
22	GB/T93	6 Washer, lock	2	
23	S27D3-90100	Three piece valve block ass'y	1	



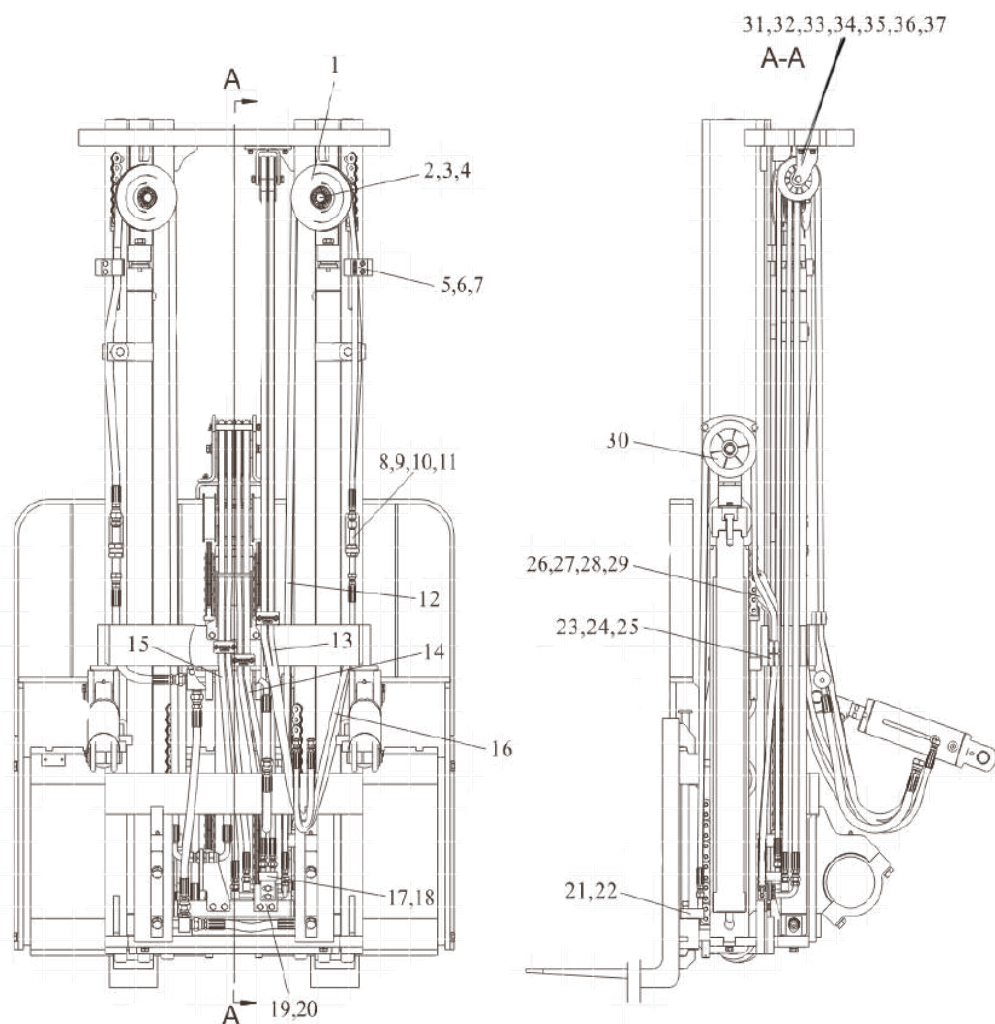
No.	Part No.	Description	Qty.	Remark
24	GB/T5783	M10x25 Bolt	2	
25	GB/T93	10 Washer, lock	2	
26	GB/T97.1	10 Washer	2	
27	S30K3-90200	Pulley block ass'y	1	



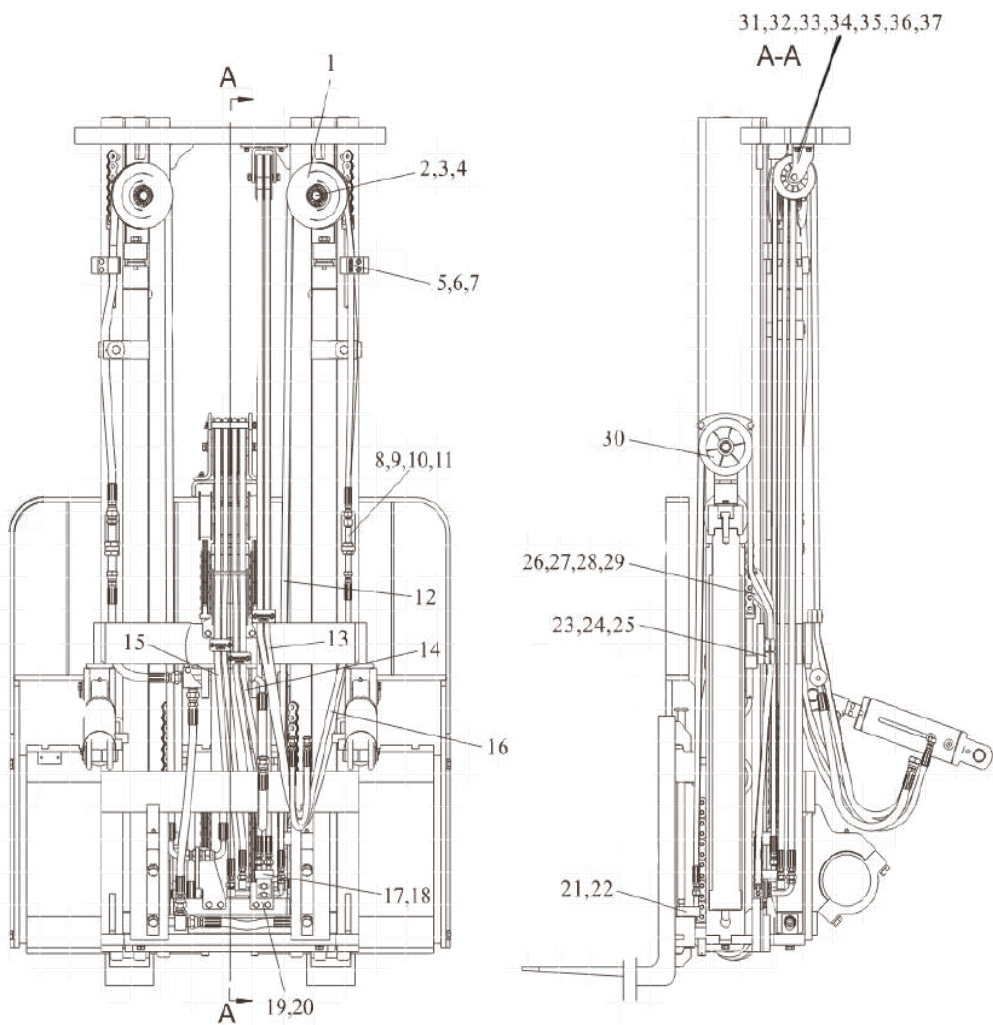
Mast Piping Optional Parts			
Lifting Height	13 Hose(mm)	19 Hose(mm)	Remark
3700	2100	2050	
4000	2300	2150	
4350	2500	2250	
4500	2600	2300	
4800	2800	2400	
5000	2900	2450	
5500	3300	2600	
6000	3600	2800	

7- LIFTING SYSTEM

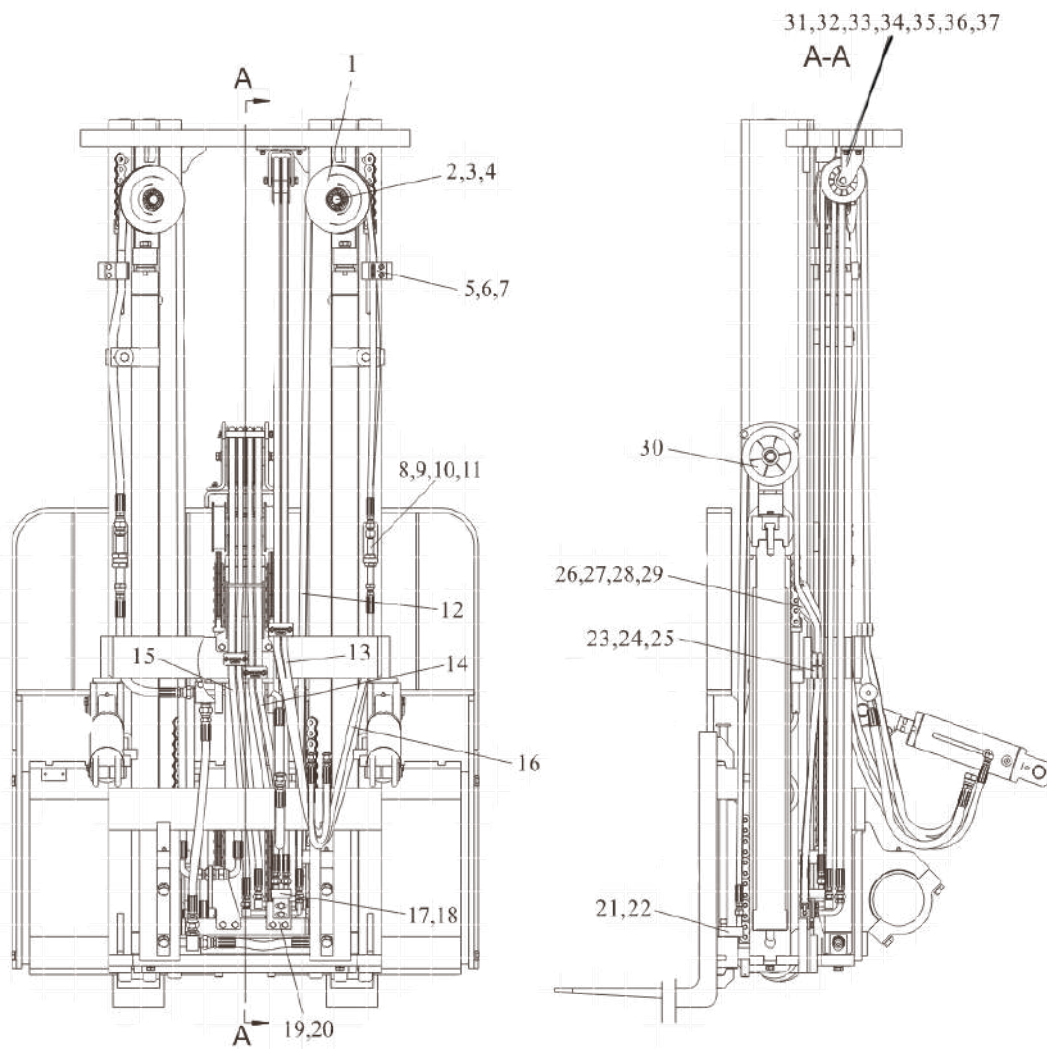
03- Hydraulic System Attachments (Full Free 3-Stage Mast KZM)



No.	Part No.	Description	Qty.	Remark
1	S30J3-90200	Pulley block	1	
2	GB/T5785	M16x1.5x60 Bolt	1	
3	GB/T93	16 Washer, lock	1	
4	GB/T97.1	16 Washer	1	
5	S30J3-90003	Band	2	
6	GB/T70. 1	M8x50 Hex Socket Screw	2	
7	GB/T93	8 Washer, Lock	18	
8	GJT-180-00	Straight Connector	2	EX-B
-	GJT-725-00	Straight Connector	2	EX-A
9	GB/T6171	M16x1.5 Nut	4	EX-B
10	S30J3-90006	Double joint bracket	1	
11	GB/T5783	M8x20 Bolt	14	
12	TGIBI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-B
	TGICI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-A
13	TGIBI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-B
-	TGICI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-A
14	TGIBI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-B
-	TGICI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-A
15	TGIBI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-B
-	TGICI-08XXX*J	8IxXXX Hose (High Pressure)	2	EX-A
16	TGIBI-08095*J	81x950 Hose (High Pressure)	2	EX-B
-	TGICI-08095*J	81x950 Hose (High Pressure)	2	EX-A
17	S30J3-90300	Four way joint	1	EX-B
-	S35W3-90300	Four way joint	1	EX-A
18	GB/T97.1	8 Washer	12	
19	S30J3-90100	Steel Pipe ass'y	1	EX-B
-	S35W3-90100	Steel Pipe ass'y	1	EX-A
20	GB/T5783	M8x25 Bolt	2	
21	GJT-712-00	Eight way joint	1	EX-B
-	GJT-106-00	Elbow	4	EX-A

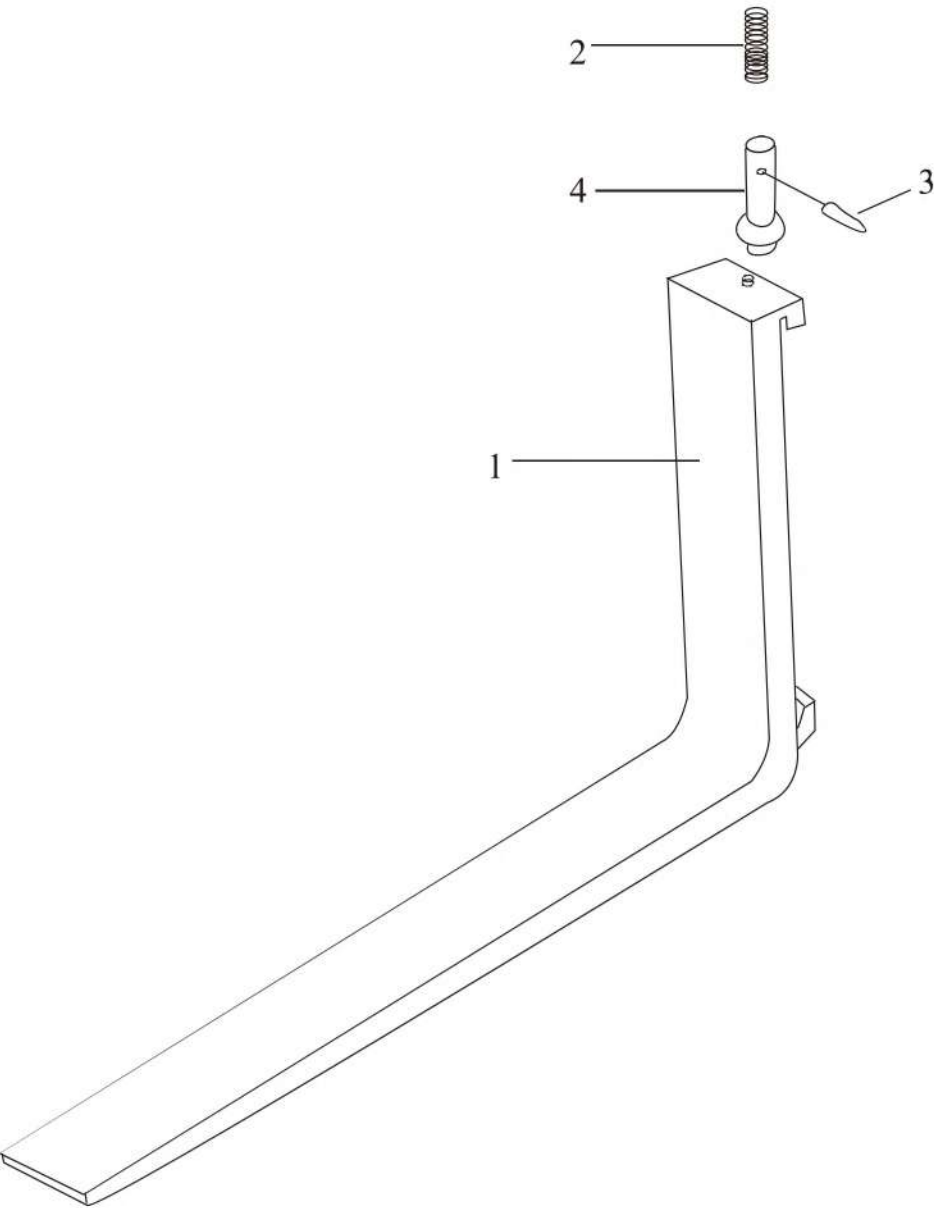


No.	Part No.	Description	Qty.	Remark
22	GB/T5783	M8x40 Bolt	2	EX-B
	S27D3-90001	Fixed plate	1	EX-A
23	M30K3-90006	Pipe clamp	6	
24	GB/T70. 1	M6x30 Hex socket Screw	6	
25	GB/T93	6 Washer,lock	6	
26	S27D3-90200	Four piece valve block ass'y	1	
27	GB/T5783	M10x25 Bolt	2	
28	GB/T93	10 Washer,lock	4	
29	GB/T97.1	10 Washer	2	
30	S30K3-90500	Pulley block ass'y	1	
31	S30J3-90400	Pulley bracket	1	
32	S30K3-90001	Pulley	1	
33	GB/T5783	M10x20 Bolt	2	
34	S30J3-90005	Axis	1	
35	GB/T276	6003 Bearing	1	
36	GB/T894.1	17 Ring	1	
37	GB/T893.1	35 Ring	1	



Mast Piping Optional Parts

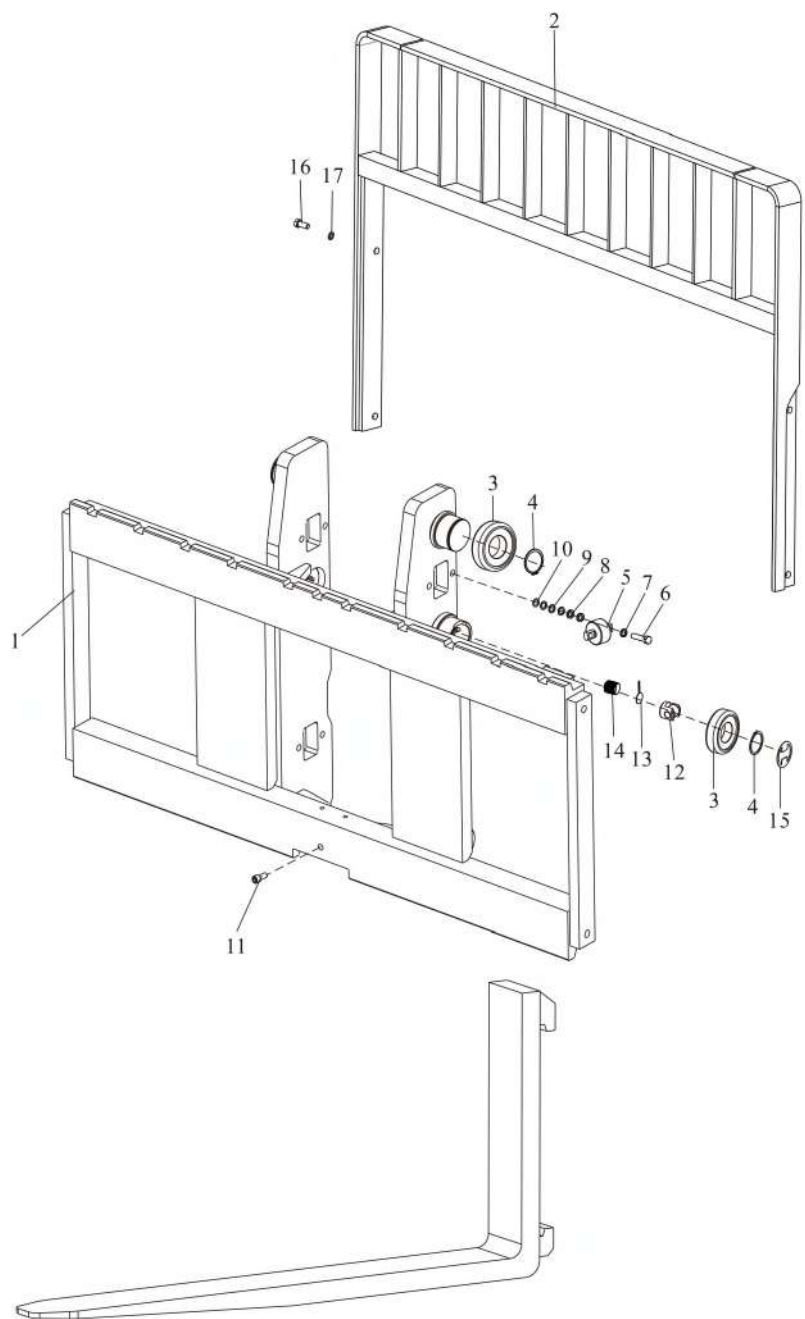
Lifting Height	12 Hose (mm)	13 Hose (mm)	14 Hose (mm)	15 Hose (mm)	Remark)
3700	2100	3100	2000	2050	
4000	2300	3300	2100	2150	
4350	2500	3500	2200	2250	
4500	2600	3600	2250	2300	
4800	2800	3800	2350	2400	
5000	2900	3950	2400	2450	
5500	3300	4350	2550	2600	
6000	3600	4650	2750	2800	



No.	Part No.	Description	Qty.	Remark
1	A20A3-90000	Fork ass'y	2	
2	A20A3-90001	Spring	2	
3	A20A3-90002	Pin	2	
4	A20A3-90003	Pin, stopper	2	

7- LIFTING SYSTEM

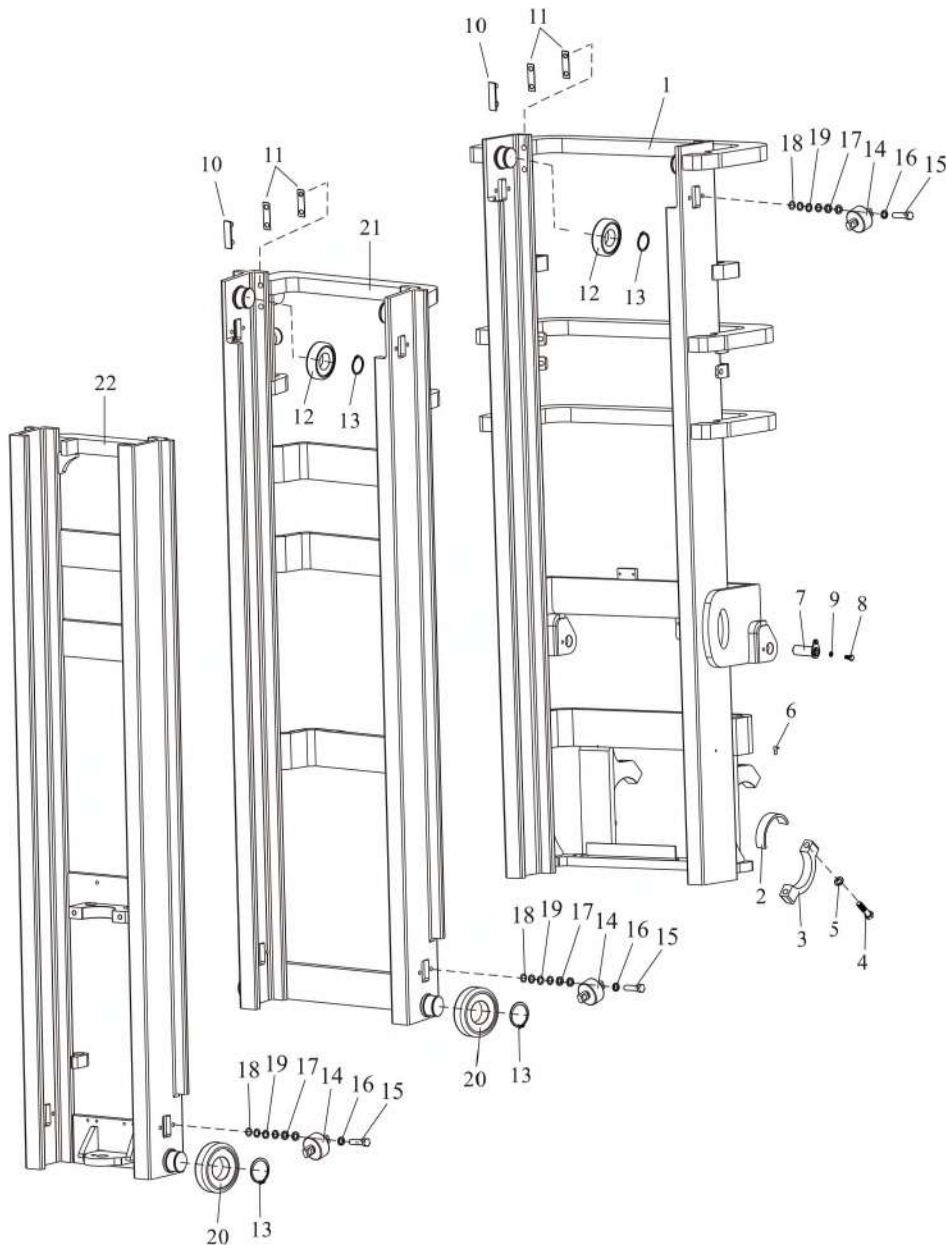
05- Lift Bracket (Full Free 3-Stage Mast)



No.	Part No.	Description	Qty.	Remark
1	S27D3-50000	Lifting fork ass'y	1	
2	JQDHJO1-30-00000	Backrest ass'y	1	
3	M30A3-40301	End Roller	6	
4	GB/T894.1	55 Snap, ring	6	
5	M30K3-40100	Side roller	4	
6	GB/T5786	M12x1.25x40 Bolt	8	
7	GB/T93	12 Washer, lock	8	
8	M30K3-40002	Spacer	16	
9	M30K3-40004	Shim	16	
10	M30K3-40005	Shim	16	
11	GB/T70.1	M12x25 Hex Socket Screw	1	
12	M30A3-40202-1	Side roller	2	
13	M30A3-40203-1	Loose slice	2	
14	M30A3-40302-1	Screw	2	
15	M30A3-40205-1	Dust-Proof ring	2	
16	GB/T5783	M14x25 Bolt	4	
17	GB/T93	14 Washer, lock	4	

7- LIFTING SYSTEM

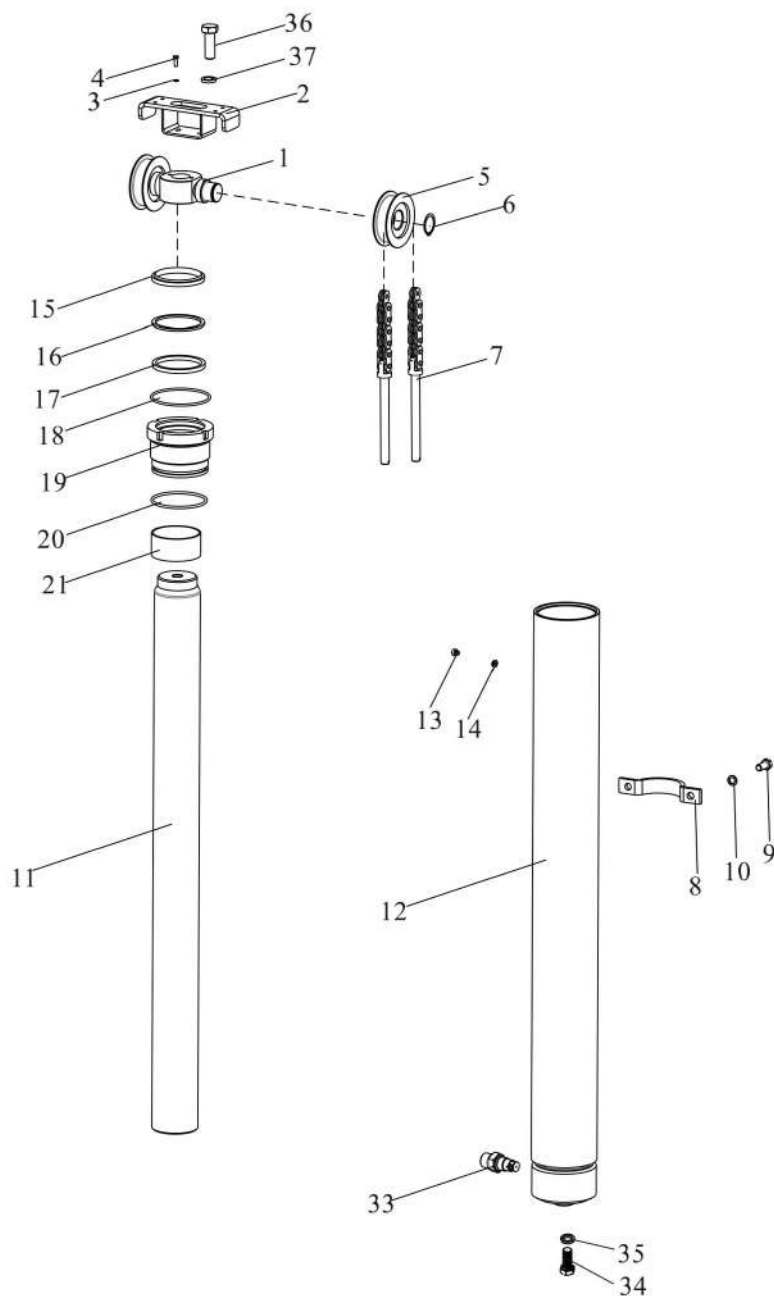
06- Mast (Full Free 3-Stage Mast)



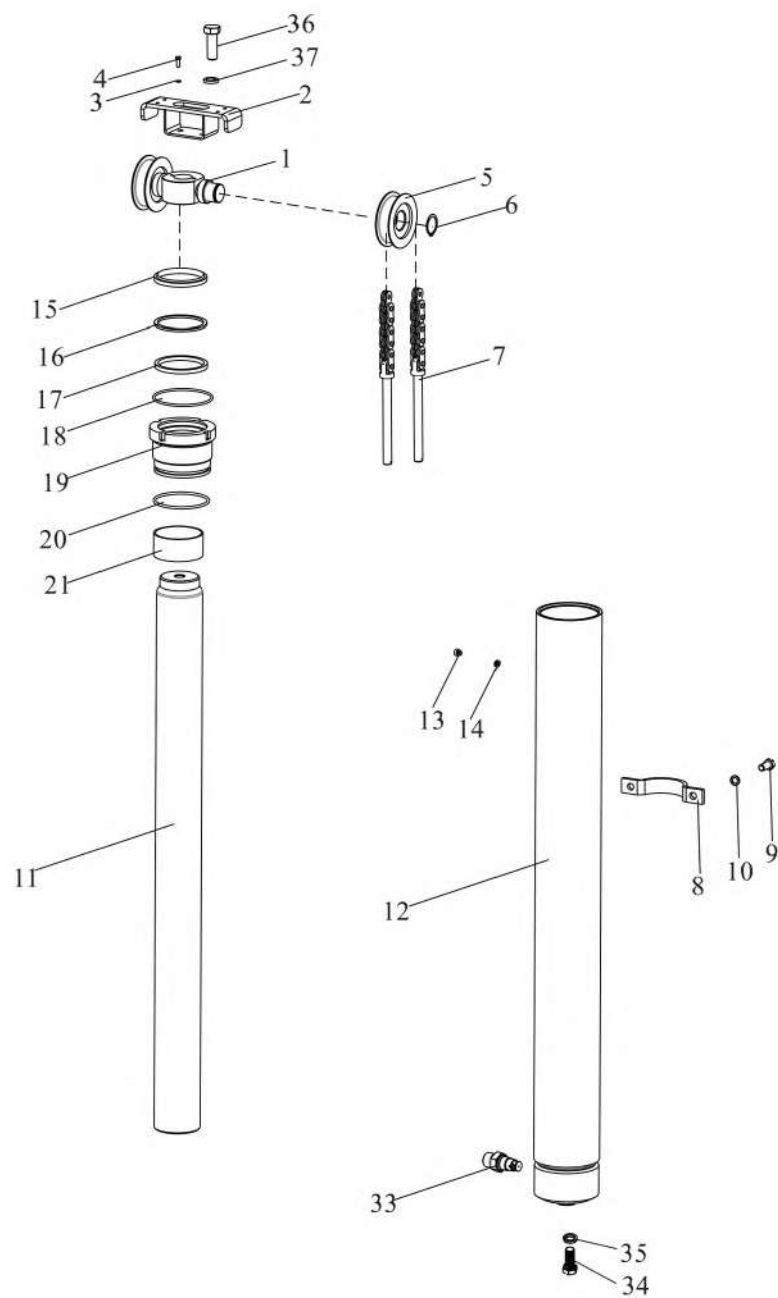
No.	Part No.	Description	Qty.	Remark
1	S27D3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16x1.5x70 Bolt	4	
5	GB/T93	16 Washer, lock	4	
6	JB/T7940.1	Pressure Oil Cup	2	
7	M30A3-00100	Pin axle	2	
8	GB/T5783	M10x20 Bolt	2	
9	GB/T93	10 Washer, lock	2	
10	M30A3-40001	Limit Slider	4	
11	M30A3-40002/3	Shim	4grp	
12	M30A3-40201	End Roller	4	
13	GB/T894.1	5 5 Snapping	8	
14	M30K3-40100	Side roller	8	
15	GB/T5786	M12x1.25x40 Bolt	16	
16	GB/T93	12 Washer, lock	16	
17	M30K3-40002	Spacer	32	
18	M30K3-40004	Shim	32	
19	M30K3-40005	Shim	32	
20	M30A3-40301	End Roller	4	
21	S27D3-20000	Medium Master	1	
22	S27D3-30000	Mast, inner	1	

7- LIFTING SYSTEM

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



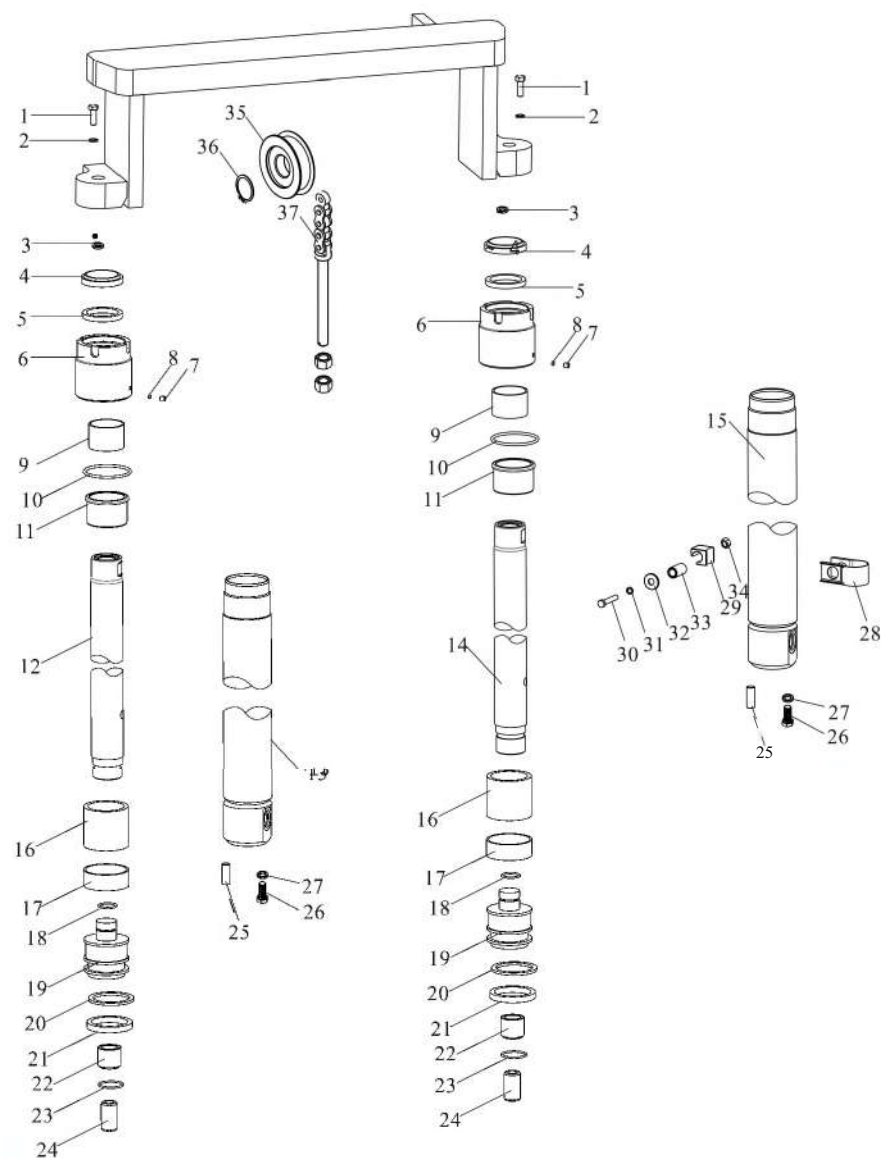
No.	Part No.	Description	Qty.	Remark
A	A30B4-10500	Front lift cylinder ass'y	1	
1	S30K3-80100	Sheave Seat	1	
2	S30K3-80200	Stopper chain	1	
3	GB/T93	8 Washer,lock	2	
4	GB/T5783	M8x16 Bolt	2	
5	M30A3-80100	Sheave	2	
6	GB/T894.1	40 Snap ring	2	
7	LH1623XN	Chain ass'y	2	
8	S35K3-80001	Support	1	
9	GB/T5783	M14x35 Bolt	2	
10	GB/T93	14 Washer, lock	2	
11	A30B4-10501	Piston rod ass'y	1	
12	A30B4-10502	Cylinder	1	
13	GB/T6190	M6x5 Hexalobular Cylindrical Screw	1	
14	A30B4-10303	Gasket	1	
15	A30B4-10304	70x80x6/8 Dust ring	1	
16	A30B4-10305	80x70x3 Snap ring	1	
17	A30B4-10306	705x80x6 Ring	1	
18	GB/T1235	90x3.1 O-ring	1	
19	A30B4-10307	Guide sleeve	1	
20	GB/T1235	85x3.1 O-ring	1	
21	A30B4-10308	Guide bushing	1	
22	A30B4-10309	Snap ring	1	
23	A30B4-10310	Piston	1	
24	A30B4-10311	85x20x2.5 Backup ring	1	
25	A30B4-10312	85x75x3 Stopper	1	
26	A30B4-10313	85x75x6 Sear ring	1	
27	A30B4-10313	Spool	1	
28	GB/T1235	20x2.4 O-ring	1	
29	A30A4-10314	Spring	1	



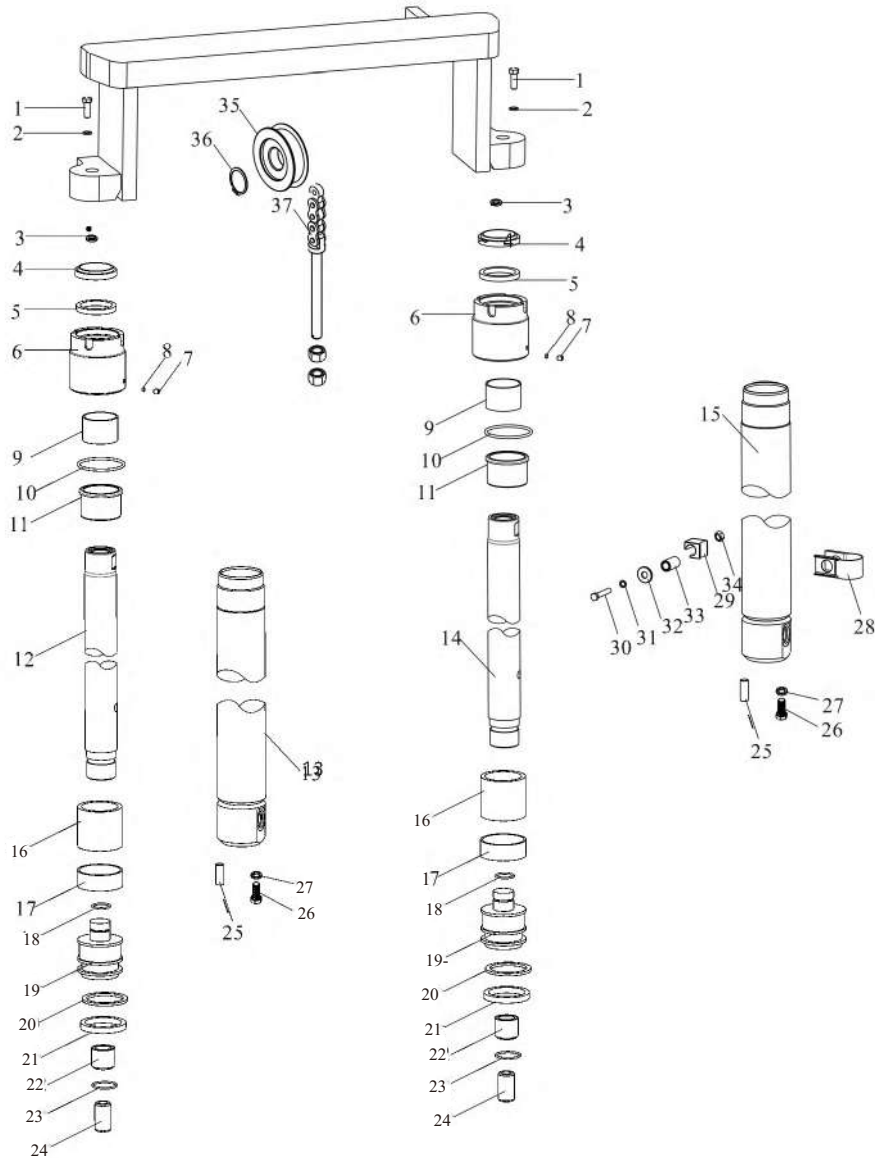
No.	Part No.	Description	Qty.	Remark
30	A30B4-10315	Spool	1	
31	A30B4-10316	Catch	1	
32	A30B4-10317	Stopper	1	

7- LIFTING SYSTEM

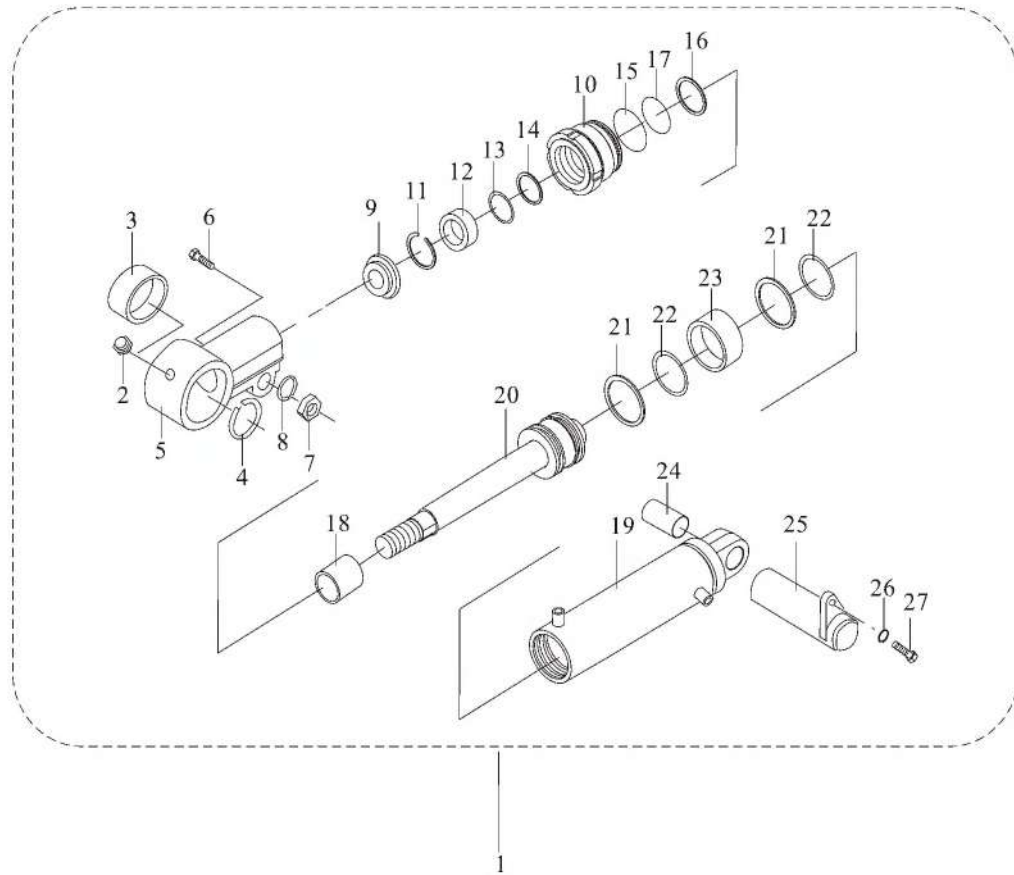
08- Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



No.	Part No.	Description	Qty.	Remark
A	A30D4-10600L/R	Rear lift cylinder ass'y	2	
1	GB/T5786	M16x1.5x45 Bolt	2	
2	GB/T93	16 Washer, lock	2	
3	S30A3-80001	Spacer	2	
4	A35B4-10402	45x57x7/10 Dust ring	2	
5	A35B4-10404	45x55x6 U-ring	2	
6	A30B4-10601	Cap, lift cylinder	2	
7	GB/T80	M8x8 Screw	2	
8	A30B4-10603	6x3 Nylon pad	2	
9	A35B4-10406	4530 Guide bushing	2	
10	GB/T1235	68x3.1 O-ring	2	
11	A3 0B4-10604	Bushing	2	
12	A30B4-10605	Piston rod (Left)	1	
13	A30B4-10606	Cylinder (Left)	1	
14	A30B4-10607	Piston rod (Right)	1	
15	A30B4-10608	Cylinder (Right)	1	
16	A30B4-10609	Spacer	2	
17	A30B4-10610	24x2 Stopper	1	
18	A30B4-10611	56x14.7x2.5 Backup ring	2	
19	A30B4-10612	Piston	1	
20	A30B4-10613	45x56x3 Ring, back up	2	
21	A30B4-10614	56x45x7 Ring	2	
22	A30B4-10615	1 Spacer	2	
23	A30B4-10616	26x2 Stopper	2	
24	A30B4-10617	2 Spacer	2	
25	GB/T119	D10x26 Pin	2	
26	GB/T5786	M12x1.25x35 Bolt	2	
27	GB/T93	12 Washer,lock	2	
28	S30F3-80002	Clamp	2	
29	S30F3-80004	Rubber block	2	



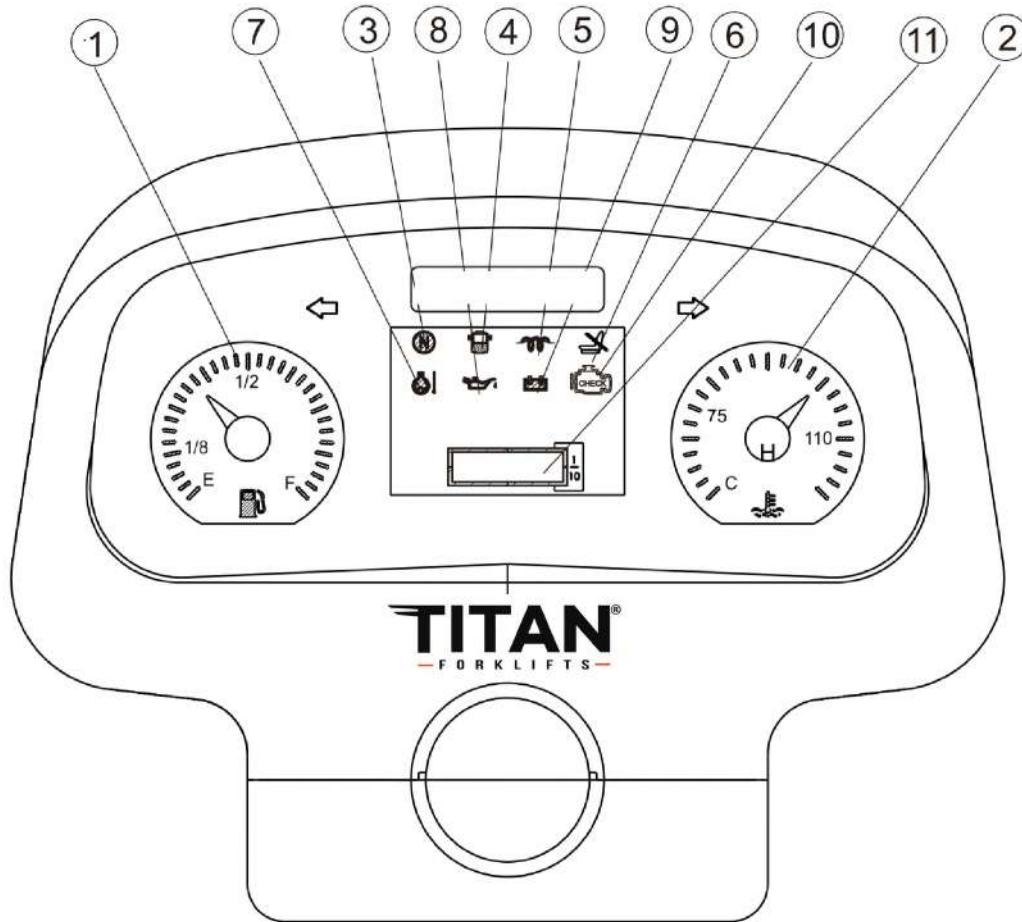
No.	Part No.	Description	Qty.	Remark
30	GB/T5786	M12x1.25x70 Bolt	2	
31	GB/T93	12 Washer, lock	2	
32	D30C1-10002	Washer	2	
33	S30F3-80003	Casing	2	
34	GB/T6171	M12x1.25 Nut	2	
35	M30A3-80100	Sheave	2	
36	GB/T894.1	40 Snap ring	2	
37	LH1623XN	Chain ass'y	2	



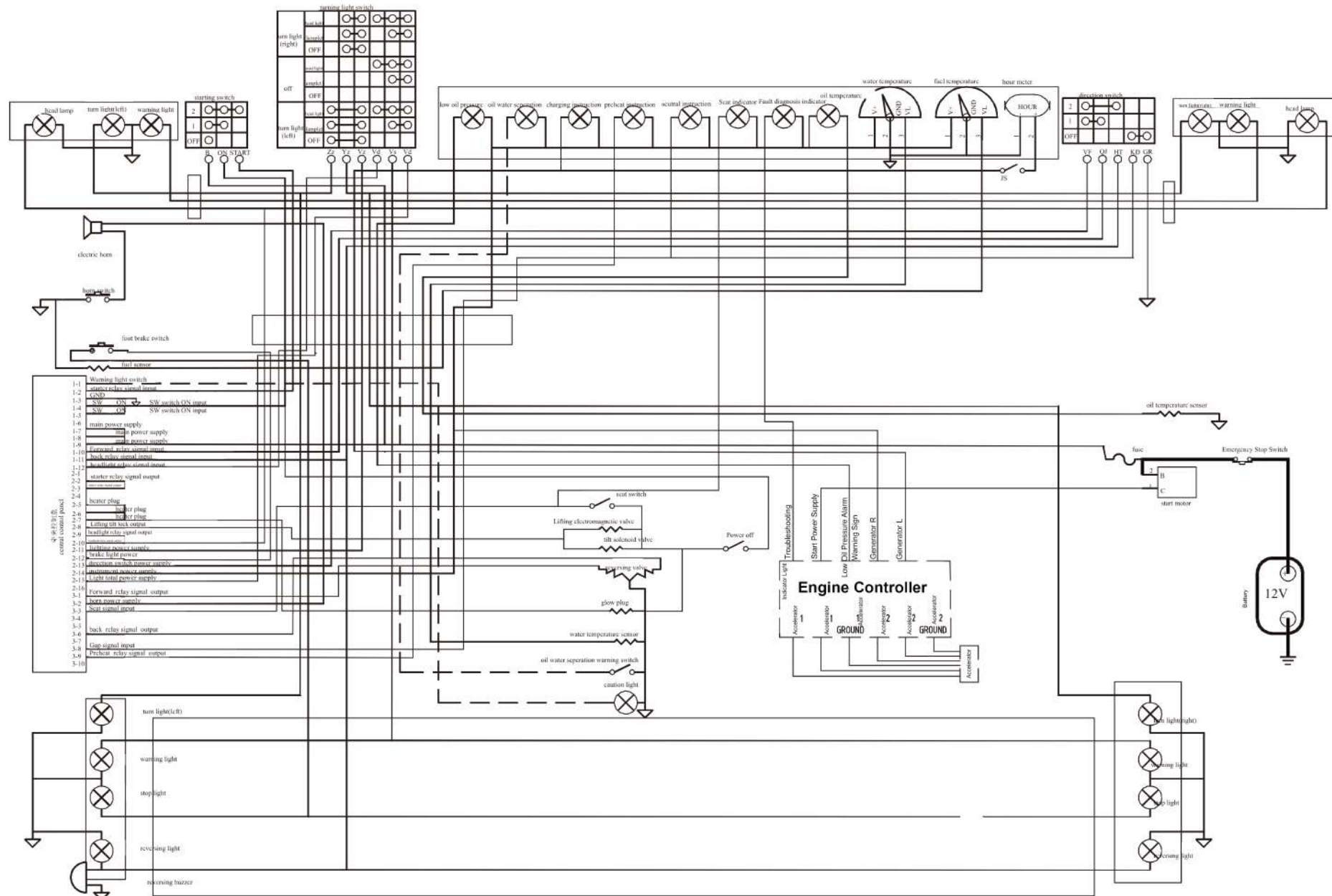
No.	Part No.	Description	Qty.	Remark
1	A20D4-10200L/R	Tilt cylinder ass'y	2	
2	JB/T7940.1	M10x1 Straight Connector Grease	2	
3	GB/T304.5	30 Bushing	2	
4	GB/T893.1	47 Ring,snap	2	
5	A3 0C4-10201	Ear ring	2	
6	GB/T5785	M14x1.5x55 Bolt	2	
7	GB/T6171	M14x1.5 Nut	2	
8	GB/T93	14 Washer,lock	2	
9	A30C4-10202	32x52x8/10 Seal,dust	2	
10	A30C4-10203	Cap, lift cylinder	2	
11	GB/T893.1	52 Ring,snap	2	
12	A30C4-10204	Ring,snap	2	
13	A30C4-10205	32x48x3 Ring, snap	2	
14	A30C4-10206	32x48x10 Ring	2	
15	GB/T1235	75x3.1 O-ring	2	
16	A30C4-10207	65.2x70x1.5 Ring,snap	2	
17	GB/T1235	70x3.1 O-ring	2	
18	A30C4-10208	32x25 Bushing	2	
19	A20D4-10201	Tube, cylinder	2	
20	A20D4-10202	piston body	2	
21	A30C4-10211	70x60x6 Ring	4	
22	A30C4-10212	60x70x1.5 Ring,snap	4	
23	A30C4-10213	70x15.7x2.5 Wearing	2	
24	A30C4-10214	30x40 Bushing	2	
25	M30F3-00200	Pin	2	
26	GB/T5786	M10x1.25x20 Bolt	2	
27	GB/T93	10 Washer,lock	2	

8- ELECTRIC SYSTEM

01- Instrument Assembly (Hydraulic Transmission)



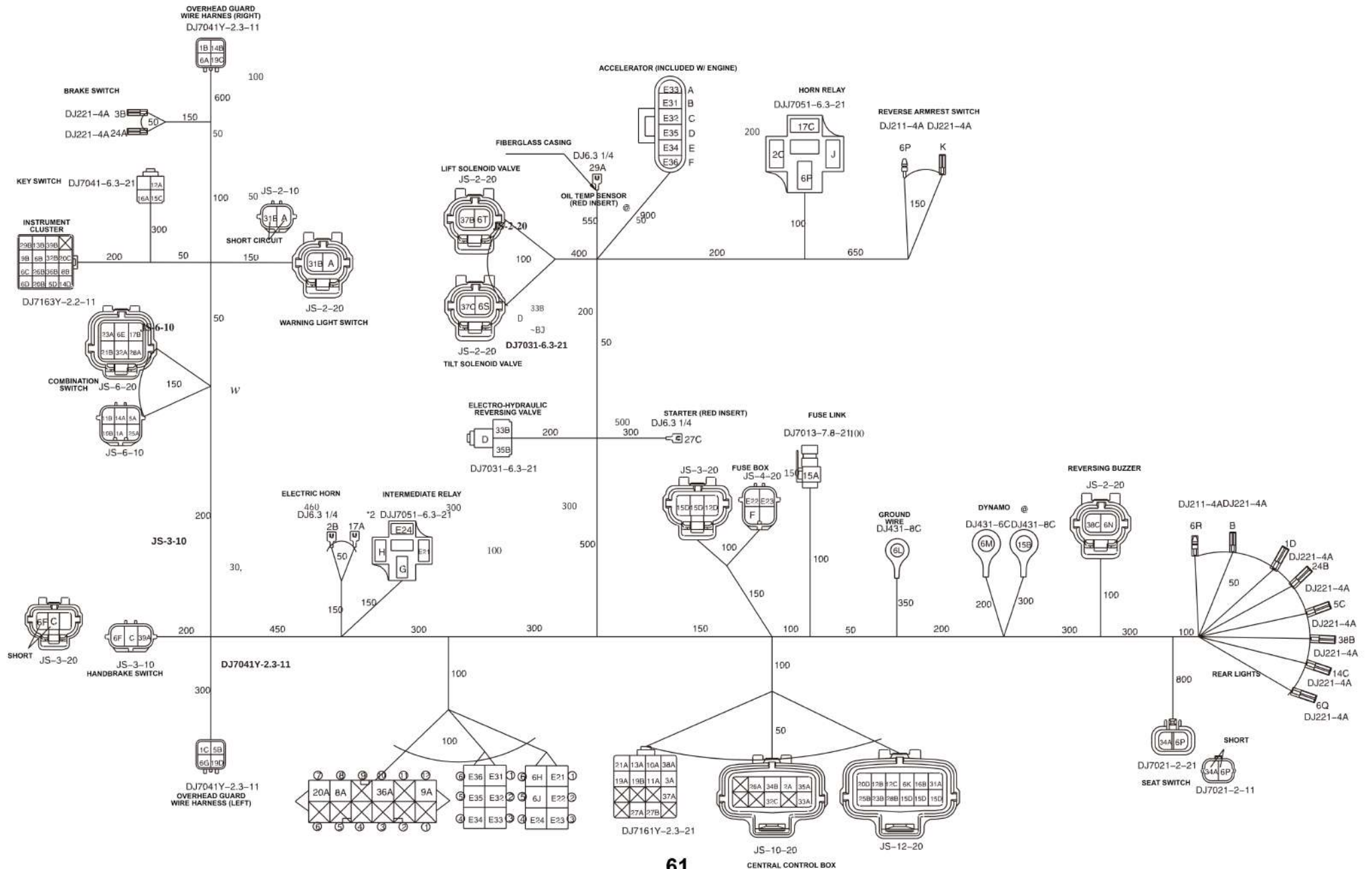
No.	Description
1	Fuel instructions
2	Water temperature table
3	Neutral instructions
4	Oil-water separation instructions
5	Preheat instructions
6	Seat Switch
7	Oil temperature alarm instructions
8	Oil alarm instructions
9	Not charging instructions
10	Engine failure instructions
11	Hour meter



No.	Part No.	Description	Qty.	Remark
1	A30C2-20002	Battery	1	select
2	A30C2-01010	Central Electrical Panel	1	
3	GB/T823	M5x6 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	A30C2-00802	Emergency Stop Switch Cable (Ground End)	1	
11	A30C2-00801	Emergency Stop Switch Cable (Battery End)	1	
12	A30C2-80900	Fused link wire	1	
13	A22A2-80100	Vehicle wiring harness	1	
14	180 type	Binding	15	
15	DT05G-JK205A	Brake switch	1	
16	A30C2-60500	Back buzzer	1	
17	DT09G-DL124ED	Horn	1	
18	A30C2-60400	Integral switch	1	
19	A30AE2-70100	Combination	1	
20	GB/T5783	M6x35 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	A30AE2-00204	Accelerator	1	
25	A70S2-00900	Emergency power switch	1	
26	A30G2-80900	Positive Battery Leade	1	
27	A30AE2-50100	Water temp sending unit	1	
28	A30AE2-80200	Engine wiring harness plug	1	

8- ELECTRIC SYSTEM

03- Vehicle Harness Diagram





QUALITY RELIABILITY STRENGTH

All Titan Forklifts ® products meet ASME B56-1 and CSA B35 standards

TITAN FORKLIFTS LTD.

7620 Seventh Line W. Chatham, ON. Tel: 1.519.351.9501 Toll Free: 1.844.938.4826