



CHARIOTS INDUSTRIELS FRONTAUX ÉLECTRIQUES LI-ION 2.0-3.5T

MARQUE



MODELE

FB25 ALPHA L-ion

INFORMATION

1. Ce manuel rassemble toutes les pièces de la série SPATLIFT – 2 à 3.5 Tonnes Alpha AL .
2. Les utilisateurs peuvent le consulter et utiliser les numéro des pages.
3. Il est recommandé d'utiliser nos pièces et composants pour l'entretien et la maintenance.
4. Nous nous réservons le droit de modifications des chariots pour l'amélioration de nos produits sans avis.
5. Pour les détails des changements, veuillez consulter le département des ventes de SPATMAT.

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1/Fig1.

DRIVE MOTOR AND TRANSMISSION

FB20-25

Item No.	Part No.	Description		Q'ty	Remark
1	25416A1-01000		driving axle assy	1	
2	6030990907		gasket	1	
3	25Y15-00002		Hydraulic Gear box	1	
5	GB5786-M12x1.25x40		screw	12	
6	GB93-12		washer	12	
7	GB5782-M20x120		screw	1	
8	25Y15-00001		traction motor	1	
	F1244		encoder	1	
	MCW9012		temperature sensor	1	
10	GB93-20		washer	1	
11	GB6183.1-M20		nut	1	
12	M14X1.5X150		screw	5	
13	GB93-14		washer	5	

Fig2.
DRIVING MOTOR AND TRANSMISSION

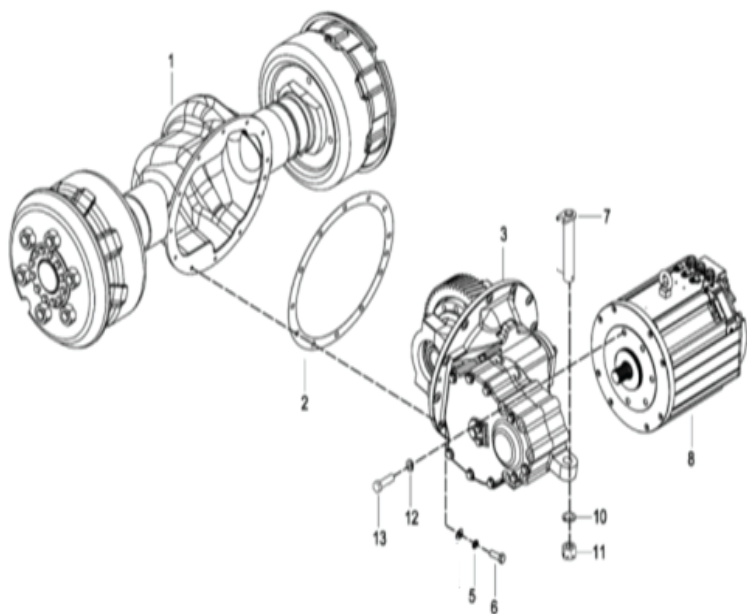
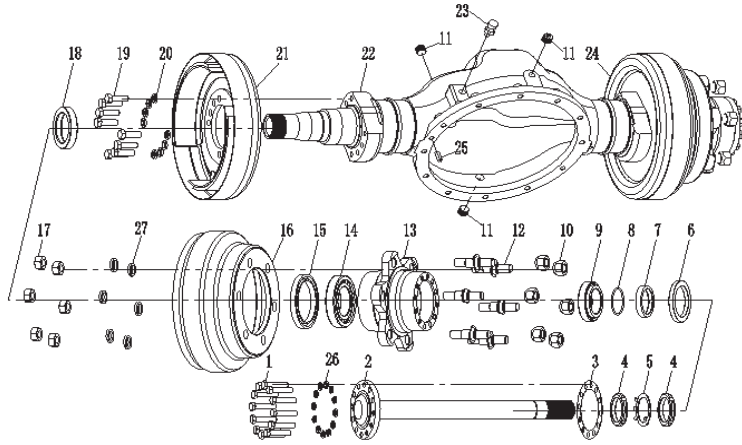
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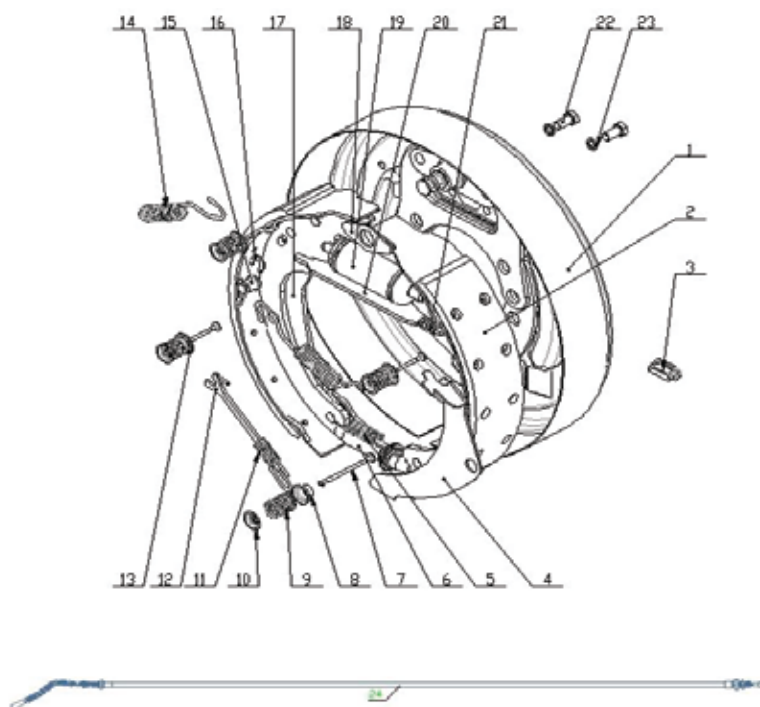
Fig3. Drive AXLE	FB20-25				
	Item No.	Part No.	Description	Q'ty	Remark
	1	Q30LD012	Bolt	24	
	2	Q20LD001	Shaft,drive	2	
	3	Q30LD013	Packing	2	
	4	GBT810-198 8M6x2	Nut	4	
	5	GB/T858 d=60	Washer	2	
	6	GB13871-FB75X100X10	Retainer,oil seal	2	
	7	Q30LD016	Washer	2	
	8	GB3452.1-φ60×3.1	O-ring	2	
	9	GB297-32012	Bearing	2	
	10	Q20LD021	Nut	12	
	11	Q30LD006	Plug	3	
	12	Q20LD005(DS)	Bolt	12	
	13	Q20LD015	Hub	2	
	14	GB297-30214	Bearing	2	
	15	GB13871-FB100X130X12	Retainer,oil seal	2	
	16	Q20LD004	Drum,brake	2	
	17	GB6171-M20×1.5	Nut	12	
	18	Q30LD020	Retainer,oil seal	2	
	19	Q30LD019	Bolt	16	
	20	GB93-14	Washer,lock	16	
	21	Q20LD007	Wheel brake ass'y(L.H)	1	
	22	Q20LD006(DS)	Housing,axle	1	
	23	Q20LD010	Breather plug	1	
	24	Q20LD008	Wheel brake ass'y(R.H)	1	

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Fig4.
BREAK ASSEMBLY

LEFT

FB20-25

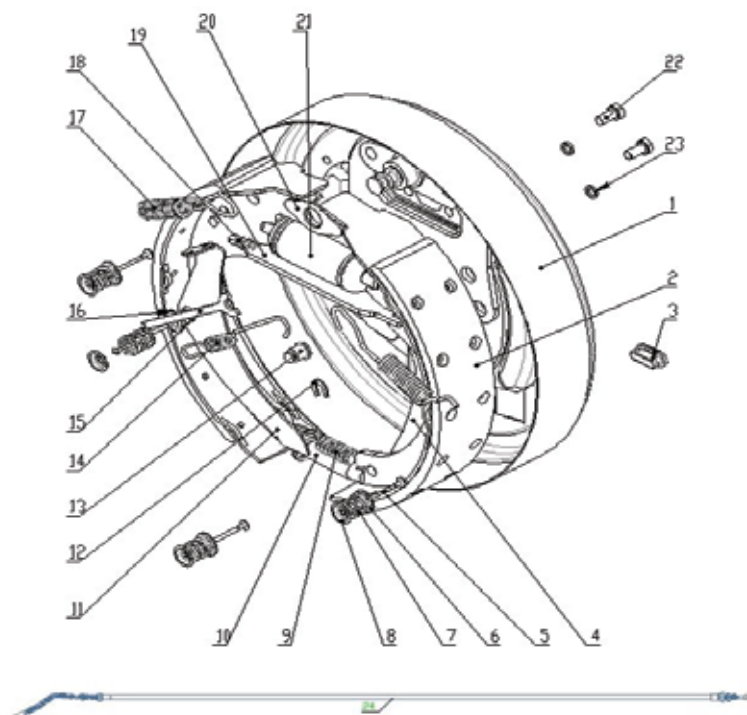


Item No.	Part No.	Description	Q'ty	Remark
1	23653-73011-L	Brake floor assembly	1	
2	23653-73021	Brake shoe with friction disc assembly	2	
3	22673-72321	Rubber plug	2	
4	23653-72151-L	Adjust lever	1	
5	23653-72051	Lower return spring	1	
6	23653-72041-L	Gap adjuster	1	
7	23653-72101	Compression spring rod	4	
8	23653-72121	Pressure spring seat	1	
9	23653-72091	Compression spring	4	
10	23653-72111	Compression spring cover	4	
11	23653-72171	Tension spring	1	
12	23653-72161	The top bar	1	
13	23653-72191	Pressure spring seat	3	
14	23673-72261	Return spring	2	
15	22673-72231	Tie pin	1	
16	22673-72251	gasket	1	
17	23653-72071-L	Hand brake pull rod	1	
18	23653-72131	gasket	1	
19	22373-72041-L	Brake sub-pump assembly	1	
20	23653-72081	Hand brake push rod	1	
21	23673-72391	Compression spring	1	
22	GB5782-86	Bolt	2	
23	GB93-86	Gasket 8	2	
24	OC11246-14603	Brake cable assembly	1	

Fig5.
BREAK ASSEMBLY

Right

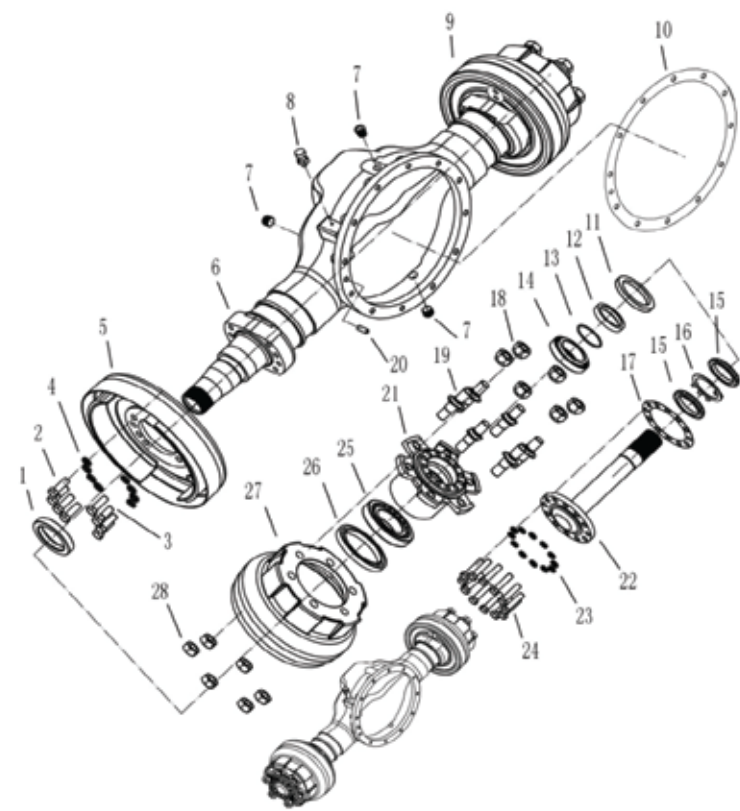
FB20-25



Item No.	Part No.	Description	Q'ty	Remark
1	23653-73011-R	Brake floor assembly	1	
2	23653-73021	Brake shoe with friction disc assembly	2	
3	22673-72321	Rubber plug	2	
4	23653-72071-R	Hand brake pull rod	1	
5	23653-72101	Compression spring rod	4	
6	23653-72191	Pressure spring seat	3	
7	23653-72091	Compression spring	4	
8	23653-72111	Compression spring cover	4	
9	23653-72051	Lower return spring	1	
10	23653-72041-R	Gap adjuster	1	
11	23653-72151-R	Adjust lever	1	
12	22673-72251	Gasket	1	
13	22673-72231	Tie pin	1	
14	23653-72171	Tension spring	1	
15	23653-72161	The top bar	1	
16	23653-72121	Pressure spring seat	1	
17	23673-72261	Return spring	2	
18	23673-72391	Compression spring	1	
19	23653-72081	Hand brake push rod	1	
20	23653-72131	Gasket	1	
21	22373-72041-R	Brake sub-pump assembly	1	
22	GB5782-86	Bolt M8X16	2	
23	GB93-86	Gasket 8	2	
24	OC11246-24603	Brake cable assembly	1	

Fig6.

DRIVE AXLE



FB30-35

Item No.	Part No.	Description	Q'ty	Remark
1	Q30LD020	Retainer,oil seal	2	
2	Q30LD019	Bolt	12	
3	Q30LD018	Bolt	4	
4	GB93-14	Washer,lock	16	
5	Q30LD002	Wheel brake ass'y(L.H)	1	
6	Q30LD004	Housing,axle	1	
7	Q30LD006	Plug	3	
8	Q30LD005	Breather plug	1	
9	Q30LD003	Wheel brake ass'y(R.H)	1	
10	Q30LD021	Washer	1	
11	GB13871-FB75X100X10	Retainer,oil seal	2	
12	Q30LD016	Washer	2	
13	GB3452.1-φ60×3.1	O-ring	2	
14	GB297-32012	Bearing	2	
15	GB810-M60×2	Nut	4	
16	GB858-60	Washer	2	
17	Q30LD013	Packing	2	
18	Q30LD011	Nut	12	
19	Q30LD010	Bolt	12	
20	GB119.1-10×30	Pin	1	
21	Q30LD009	Hub	2	
22	Q30LD007	Shaft,drive	2	
23	GB93-12	Washer,lock	24	
24	Q30LD012	Bolt	24	

Fig6.

DRIVE AXLE

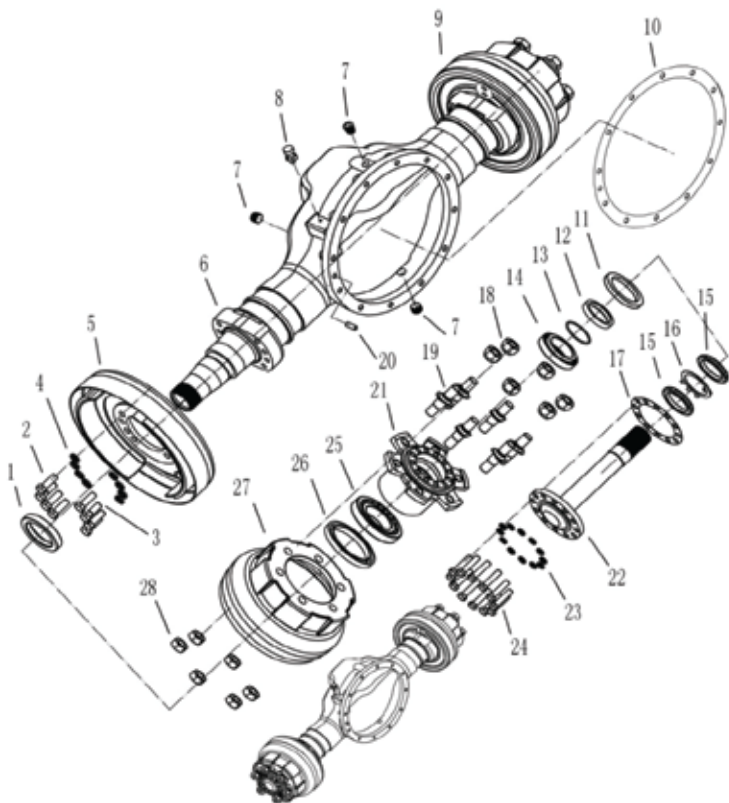
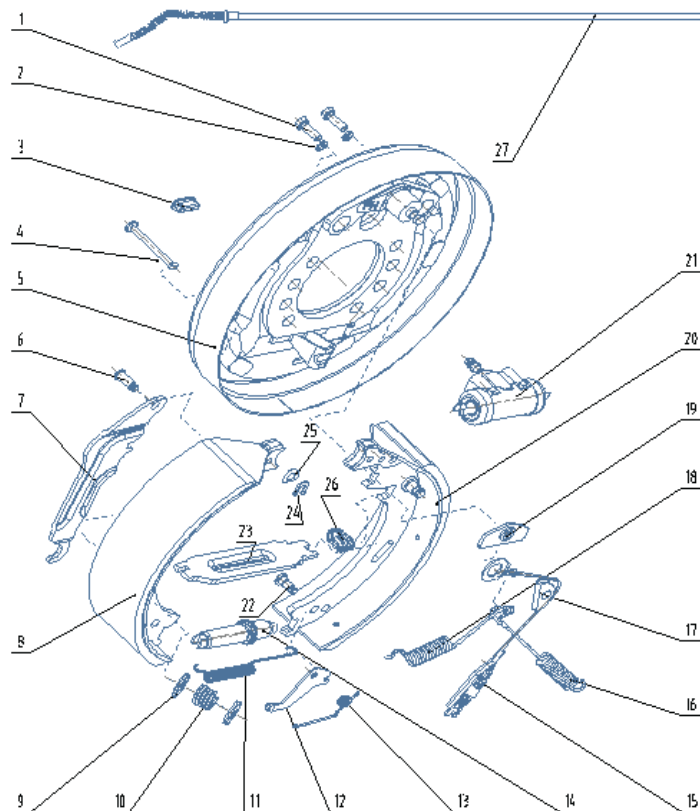
FB30-35[illegible]

Fig7.
BREAK ASSEMBLY

LEFT

FB30-35



Item No.	Part No.	Description	Q'ty	Remark
1	GB21-76	bolt	2	
2	GB93-76	Spring washer	2	
3	24433-70040G	Rubber plug	1	
4	24433-70010G	Compression spring rod	2	
5	24433-72000G-L	Left brake floor assembly	1	
6	24433-70150G	pin	1	
7	24433-70140G-L	Left hand brake pull rod	1	
8	24433-75000G	ake shoe with friction disc assembly	1	
9	24433-70020G	Pressure spring seat	4	
10	24433-70030G	Compression spring	2	
11	24433-70050G	Tension spring	1	
12	24433-70100G-L	Left click	1	
13	24433-70090G-L	Left torsion spring	1	
14	24433-74000G-L	Left gap adjuster assembly	1	
15	24433-73000G	Spring drawstring device	1	
16	24433-70071G-L	Left return spring (rear)	1	
17	24433-70081G	Guide block	1	
18	24433-70070G-L	Left return spring (front)	1	
19	24433-70060G	Guide plate	1	
20	24433-71001G-L	Left brake shoe with friction plate and spring pin assembly	1	
21	24433-76000G	Brake sub-pump assembly	1	
22	24433-70110G	pin	1	
23	24433-70120G-L	Left hand brake push rod	1	
24	24433-70170G	Pin retainer	1	

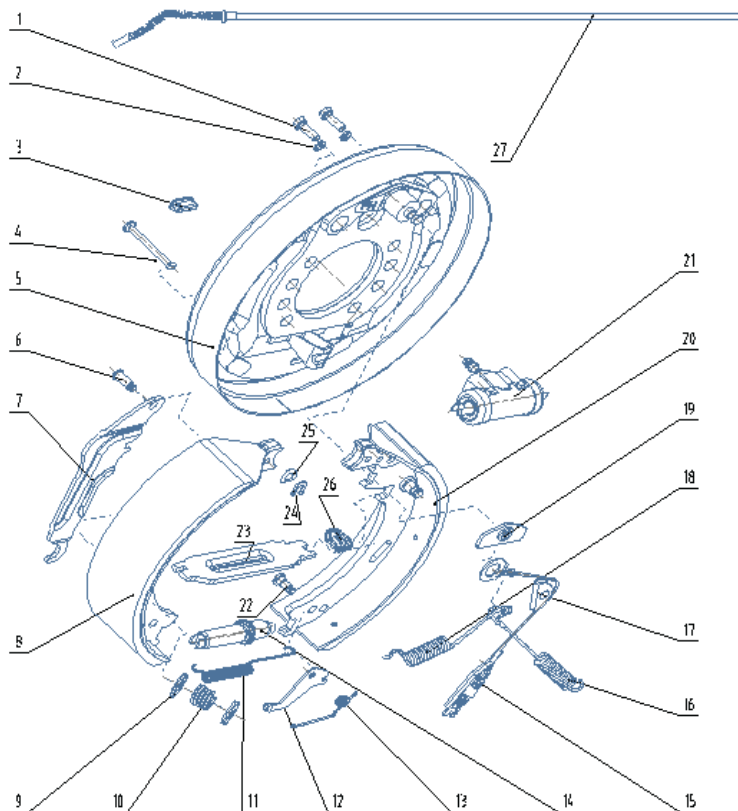
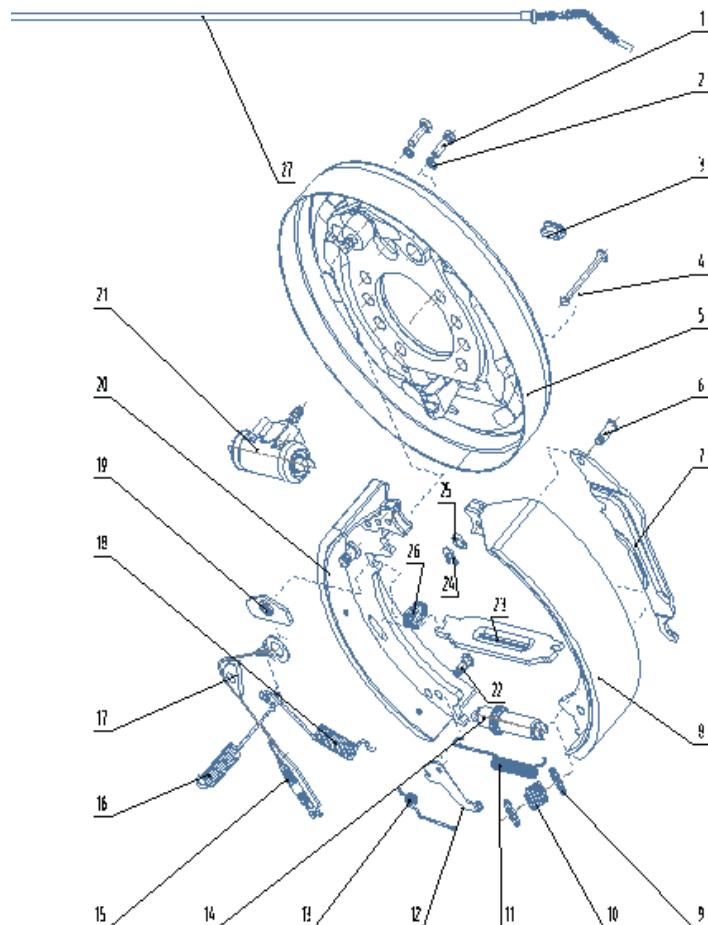
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Fig8.
BREAK ASSEMBLY

Right

FB30-35



Item No.	Part No.	Description	Q'ty	Remark
1	GB21-76	bolt	2	
2	GB93-76	Spring washer	2	
3	24433-70040G	Rubber plug	1	
4	24433-70010G	Compression spring rod	2	
5	24433-72000G-R	Right brake floor assembly	1	
6	24433-70150G	pin	1	
7	24433-70140G-R	Right hand brake lever	1	
8	24433-75000G	ake shoe with friction disc assembly	1	
9	24433-70020G	Pressure spring seat	4	
10	24433-70030G	Compression spring	2	
11	24433-70050G	Tension spring	1	
12	24433-70100G-R	Right click	1	
13	24433-70090G-R	Torsional spring right	1	
14	24433-74000G-R	Right clearance adjuster assembly	1	
15	24433-73000G	Spring drawstring device	1	
16	24433-70071G-R	Right return spring (rear)	1	
17	24433-70081G	Guide block	1	
18	24433-70070G-R	Right return spring (front)	1	
19	24433-70060G	Guide plate	1	
20	24433-71001G-R	Right brake shoe with friction plate and spring pin assembly	1	
21	24433-76000G	Brake sub-pump assembly	1	
22	24433-70110G	pin	1	
23	24433-70120G-R	Right hand brake push rod	1	
24	24433-70170G	Pin retainer	1	

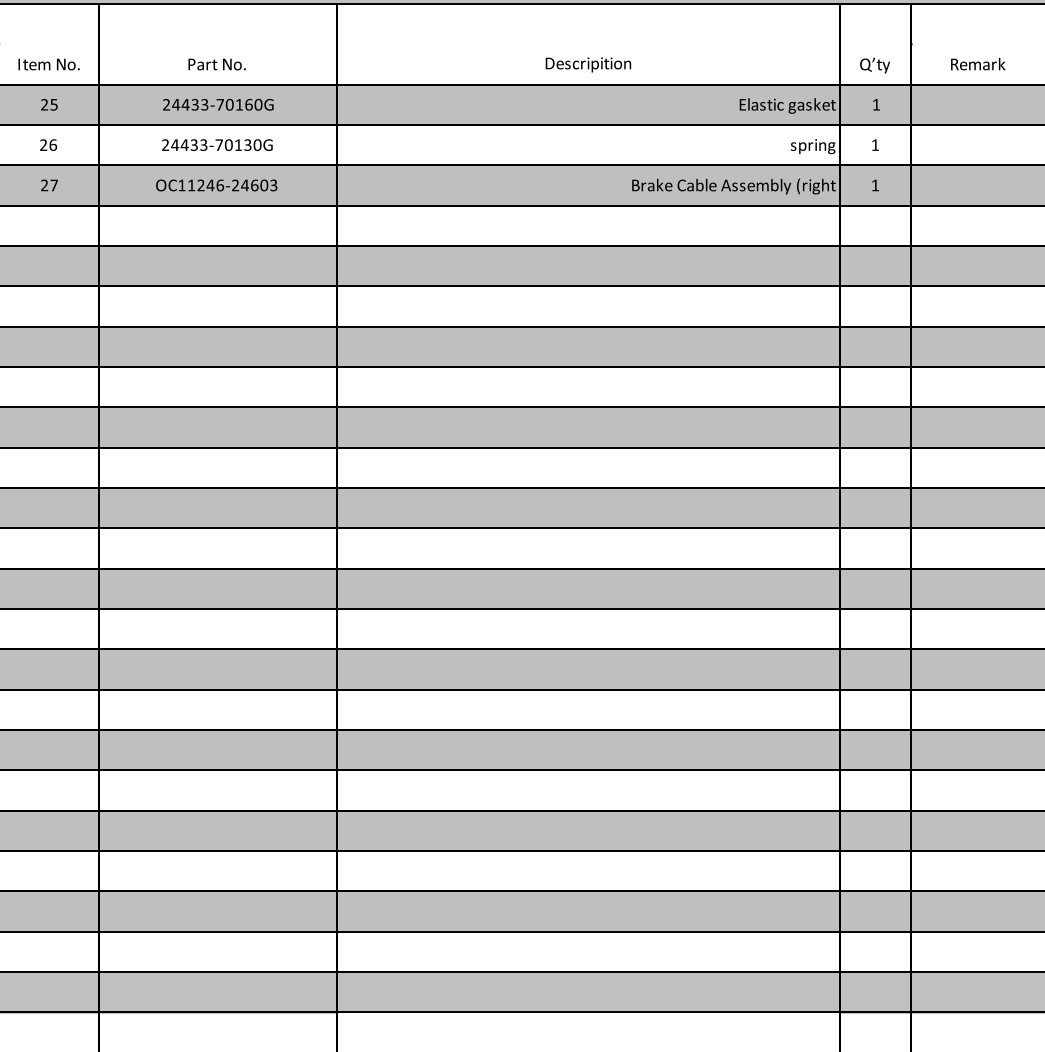
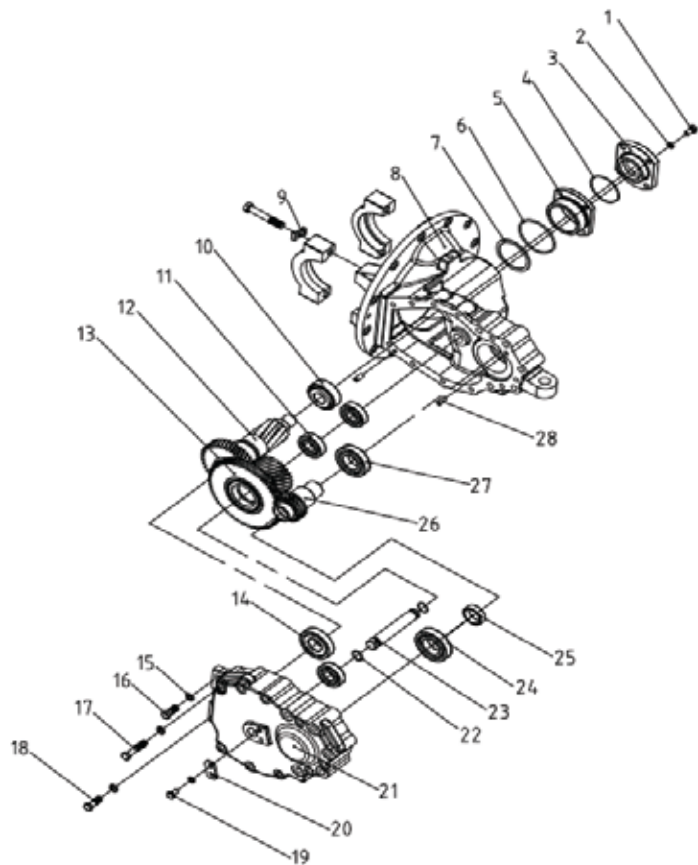


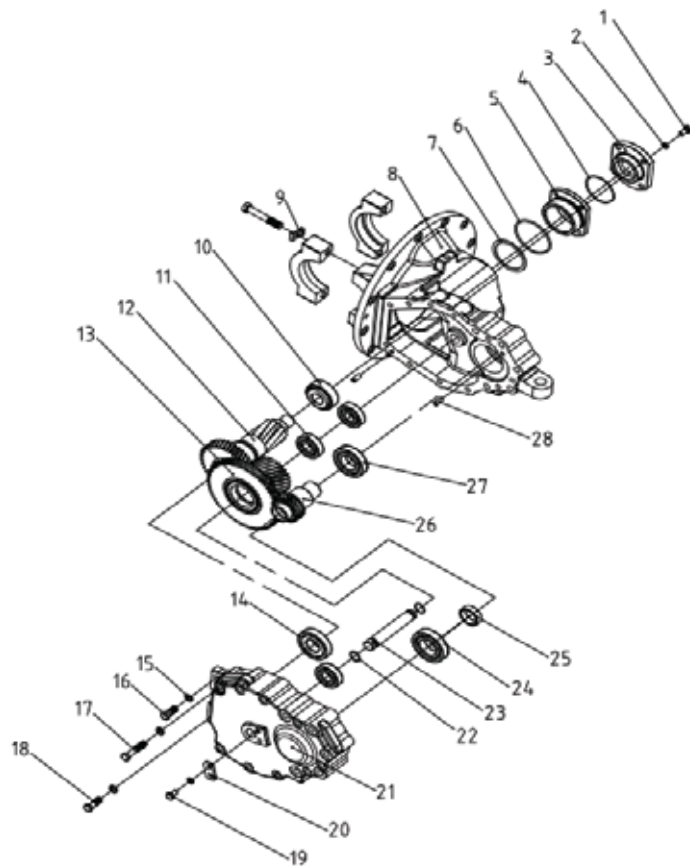
Fig9.
Hydraulic Gear box(Reducer)



FB20-35

Item No.	Part No.	Description	Q'ty	Remark
1	GB/T 5782	Bolt	4	
2	GB/T 93	Shim	6	
3	HDCS30-01004	Cover,bearing	1	
4	GB/T 3452.1	O-ring	1	
5	HDCS30-01003	Cover,bearing	1	
6	GB/T 3452.1	O-ring	1	
7	Y30H-09002	Shim		
8	HDCS30-01200	Case,tor-cn	1	
9	Y30H-01008	locking plate	4	
10	GB/T 297	Bearing	1	
11	GB/T 276	Bearing	3	
12	HDCS30-04001	Shaft,final pinion	1	
13	HDCS20-03003-1	DUPLICATE GEAR	1	
14	GB/T 297	Bearing	1	
15	GB/T 93	Shim	11	
16	GB/T 5786	Bolt	1	
17	GB/T 5785	Bolt	9	
18	GB/T 5786	Bolt	1	
19	GB/T 5783	Bolt	2	
20	HDCS20-03001	BAFFLE	1	
21	HDCS30-01002	COVER	1	
22	GB/T 1235	O-ring	2	
23	HDCS20-03002	axis	1	
24	GB/T 276	Bearing	1	

Fig9.
Hydraulic Gear box(Reducer)



FB20-35

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Fig10.
Hydraulic Gear box(differential)

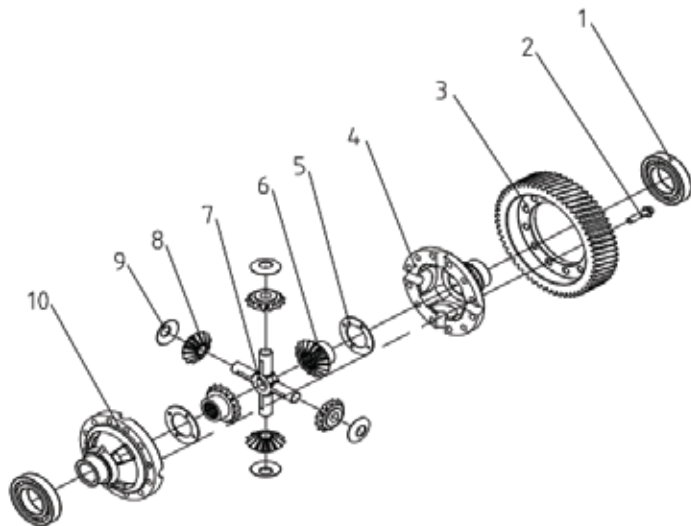
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Fig11.
WHEEL

DRIVE

FB20-25

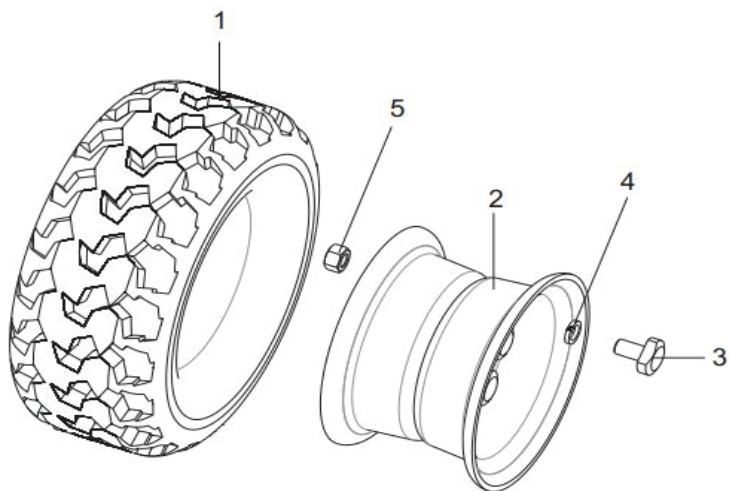
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Fig12.
WHEEL

DRIVE

FB30-35

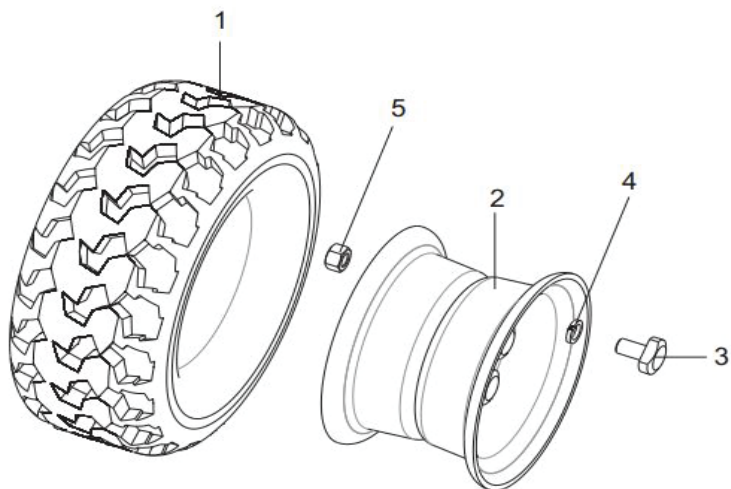
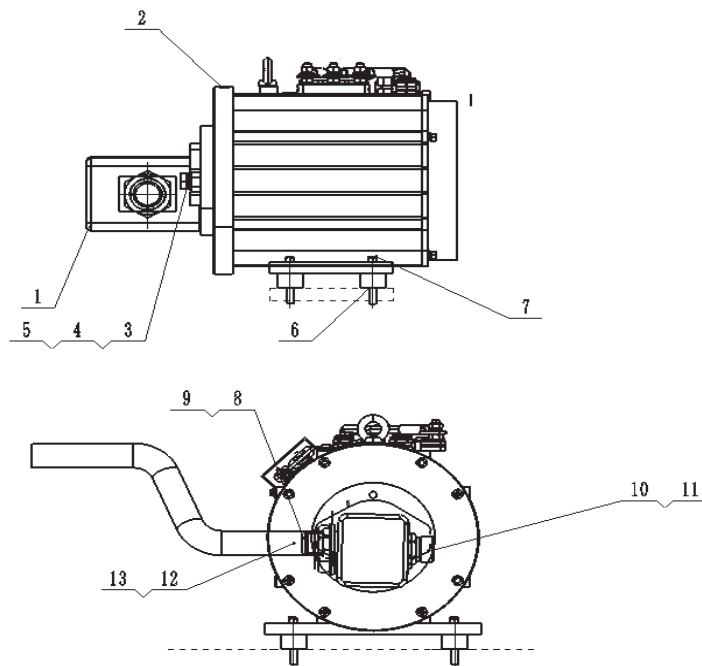
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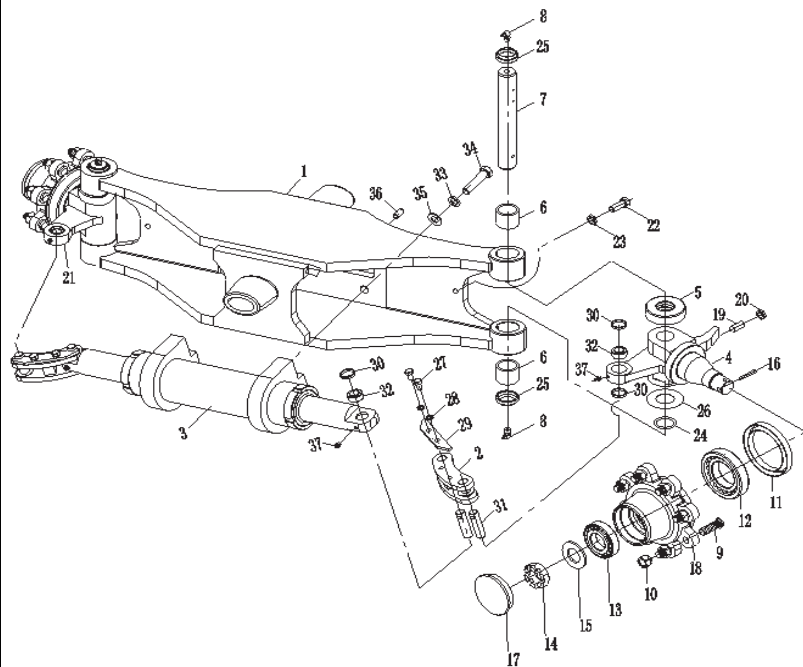
Fig13.
LIFT motor and installation



FB20-35

Item No.	Part No.	Description	Q'ty	Remark
1	25Y18-00002	gear pump	1	
2	25Y18-00001	pump motor	1	
	F1244	encoder	1	
	MCW9012	tem sensor	1	
3	GB5783-M10x30	Blot	2	
4	GB97.1-10	Washer	2	
5	GB93-10	Washer	2	
6	25718H-00004	cushioning	4	
7	GB889.1-M10	Nut	4	
8	30416A1-00005	oil inlet joint	1	
9	GB3452.1-28X2.65	O-ring	1	
10	25718H-00002	oil joint	1	
11	GB3452.1-17X2.65	O-ring	1	
12	9857027051	hoop	2	
13	B256000010	oil pipe	1	

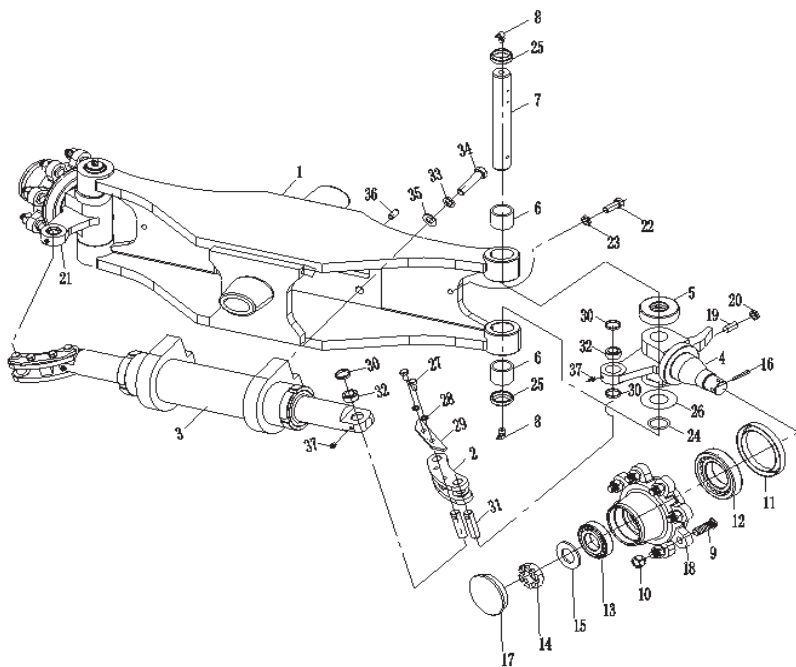
Fig14.
STEERING AXLE



FB20-25

Item No.	Part No.	Description	Q'ty	Remark
1	H95C4-30001	Steering axle body	1	
2	A21B4-32081A	Link	1	
3	H24C4-50401	Steering cylinder	4	
4	H24C4-32181A	Knuckle R.H	4	
5	GB301-198908K	Bearing	4	
6	GB290-943-32	Bearing	4	
7	A21B4-32221	Pin	2	
8	JB7940.2-1/8	Grease nipple	1	
9	23654-32041	Blot	16	
10	23654-34051	Nut	16	
11	Z6301-08524	Oil seal	2	
12	GB297-30211E	Bearing	2	
13	GB297-30207E	Bearing	2	
14	A21B4-32311	Nut	2	
15	GB97.1-30	Washer	2	
16	GB92-6.3×55	Pin	1	
17	A21B4-32231	Wheel hub cover	2	
18	A21B4-32241	Hub	2	
19	GB78-M12X36	Screw		
20	GB41-M12	Nut	2	
21	H24C4-32171A	Knuckle L.H	1	
22	GB5781-12×40	Blot	4	
23	GB41-M12	Nut	2	
24	23654-32161	O-ring	4	

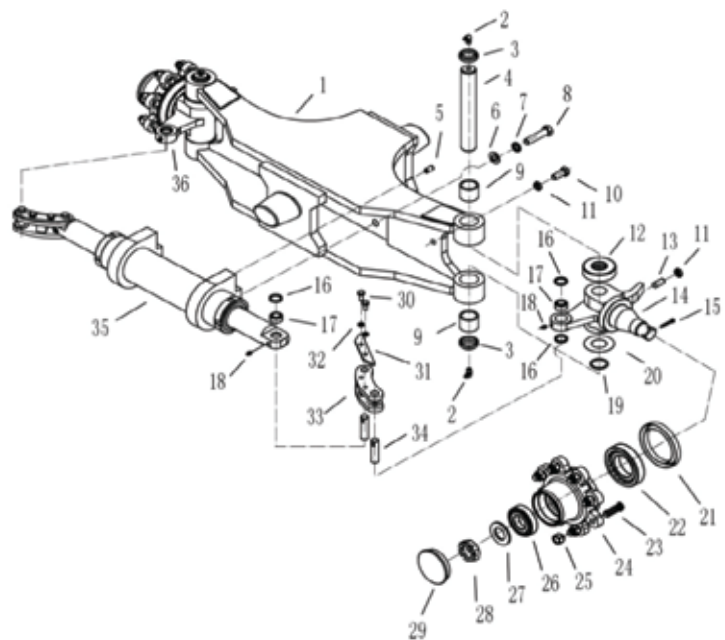
Fig14.
STEERING AXLE



FB20-25

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Fig15.
STEERING AXLE



FB30-35

Item No.	Part No.	Description	Q'ty	Remark
1	H24N4-30302	Steering axle body	1	
2	JB7940.2-1/8	Grease nipple	1	
3	23654-32081	Oil seal	4	
4	A21B4-32222	Pin	4	
5	GB119.1-10×20	Pin	2	
6	GB95-14	Washer	4	
7	GB93-14	Washer,lock	4	
8	GB5782-14×45	Blot	4	
9	GB290-943-32	Bearing	4	
10	GB5781-12×40	Blot	4	
11	GB41-M12	Nut	2	
12	GB301-198908K	Bearing	4	
13	H24N4-32272	Screw	2	
14	H24C4-32181A	Knuckle R.H	2	
15	GB92-6.3×55	Pin	1	
16	H24C4-12003	Bushing	2	
17	H24C4-32061	Bearing	6	
18	JB7940.1-M6	Grease nipple	4	
19	23654-32161	O-ring	4	
20	22214-30321	Washer	2	
21	Z6301-08534	Oil seal	4	
22	GB297-32011E	Bearing	2	
23	23654-32041	Blot	16	
24	A21B4-32241	Hub	2	

Fig15.
STEERING AXLE

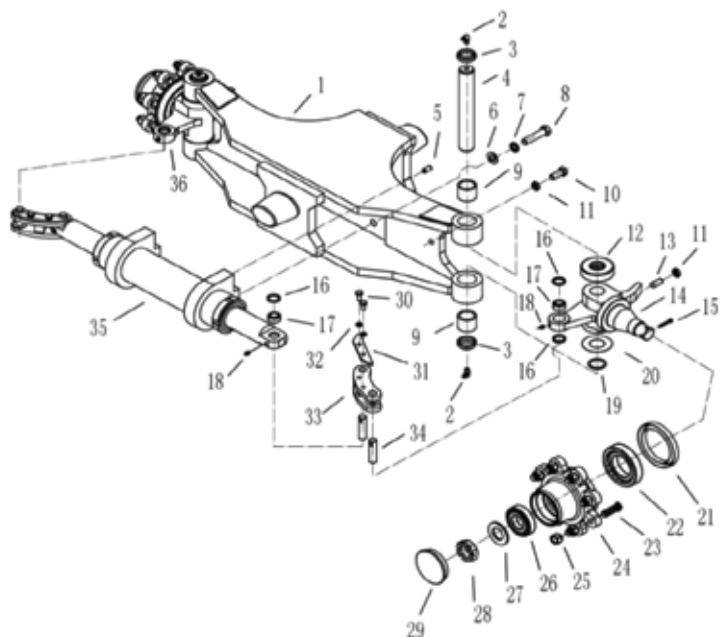
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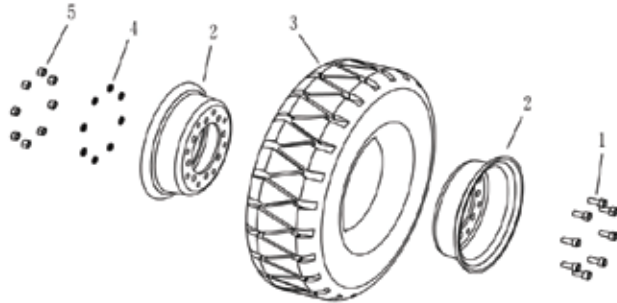
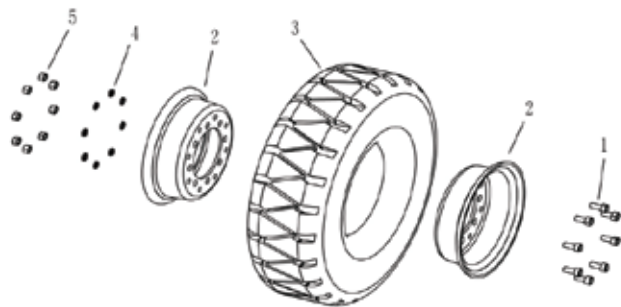
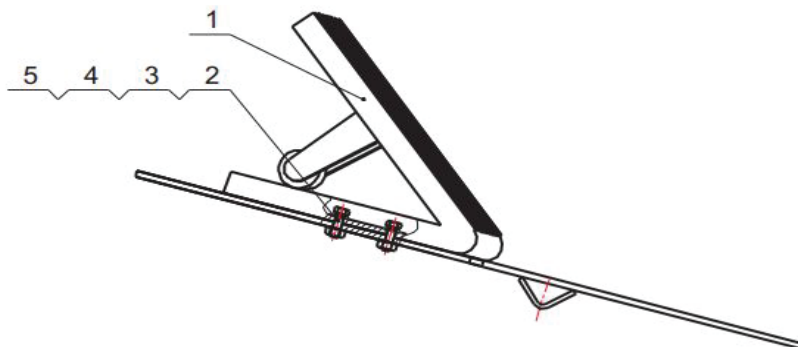
Fig16. STEERING WHEEL		FB20-25				
	Item No.	Part No.	Description	Q'ty	Remark	
	1	25433-00001	Bolt	16		
	2	25433-02000	Wheel rim	2		
	3	25433-01000	Tyre	2		
	4	GB93-12	Washer, lock	16		
	5	GB6171-M16x1.5	Nut	16		

Fig17.
STEERING WHEEL

FB30-35[illegible]

[illegible]

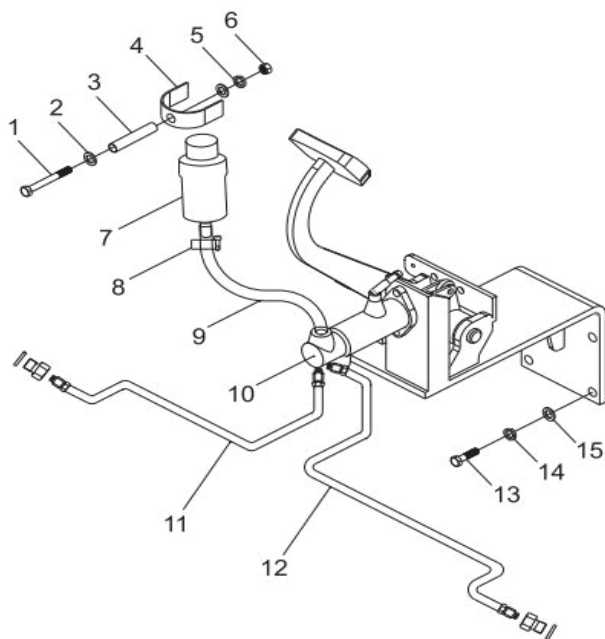
[illegible]

Fig20.
BRAKE CONTROL

HAND

FB20-35

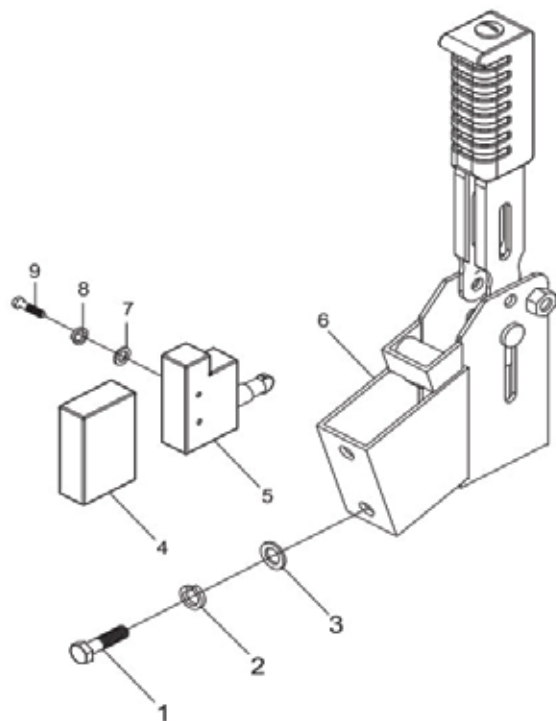
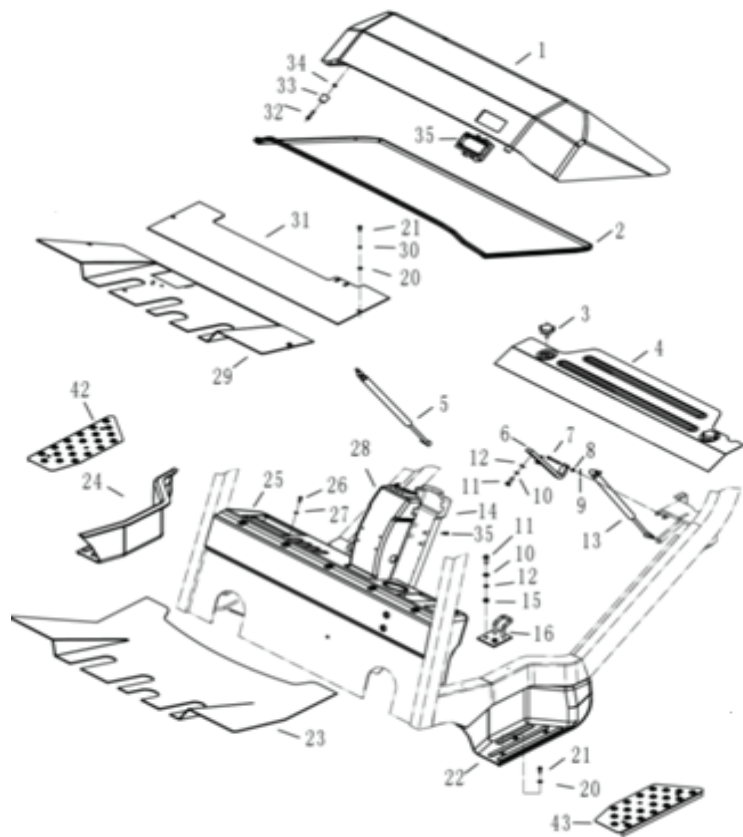
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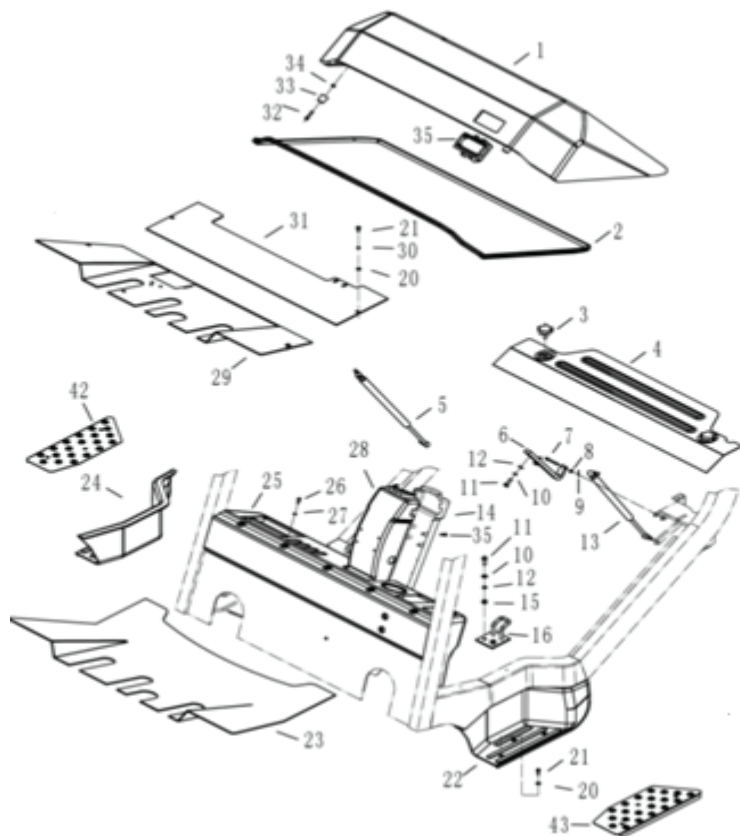
Fig21.
HOOD AND COVERING INSTALLATION



FB20-35

Item No.	Part No.	Description	Q'ty	Remark
1	30464-01000	Hood	1	
2	30464-00001	Seal	1	
3	30464-00007	Bolt	2	
4	30464-00008	Cover ass	1	
5	30464-02000	Air sping right	1	
6	30464-00006	Gemel	2	
7	GB882-B60×50	Pin	2	
8	GB97.1-6	Washer	2	
9	GB91-1.6×20	Pin	2	
10	GB93-8	Washer,lock	6	
11	GB5783-M8×25	Bolt	6	
12	GB97.1-8	Washer	6	
13	30464-03000	Air sping left	1	
14	30442-00002	Cover II	1	
15	GB6170-M8	Nut	2	
16	30464-04000-1	Hood hook	1	
20	GB96.1-6	Washer	6	
21	GB818-M6×16	Screw	6	
22	30464-00002	Anti-slip board L	1	
23	30464-00015	Gasket	1	
24	30464-00009	Anti-slip board R	1	
25	1366523513	Dashboard	1	
26	GB818-M5×16	Screw	11	
27	GB97.1-5	Washer	11	

Fig21.
HOOD AND COVERING INSTALLATION

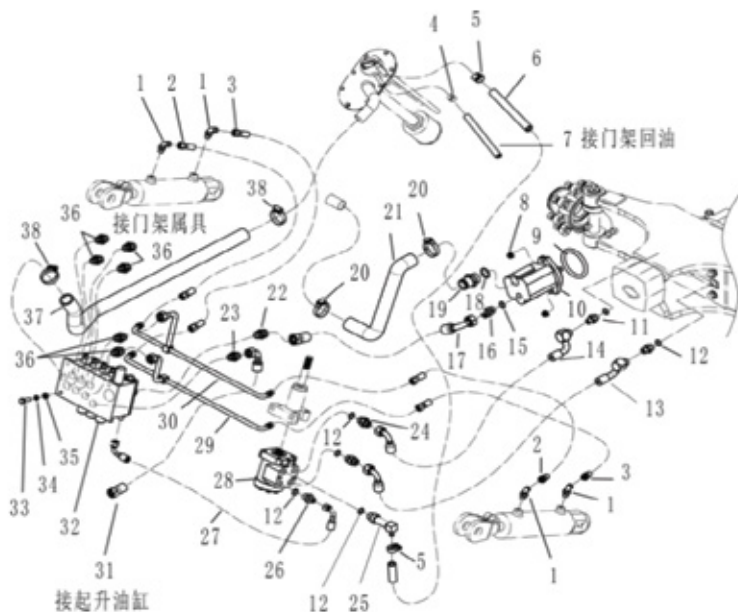
**FB20-35**[illegible]

This diagram shows an exploded view of a car seat headrest assembly. The main component is the headrest (1), which has a contoured shape with a grid-like pattern. It is shown in a tilted position. Below the headrest, a series of five small circular components (2, 3, 4, 5) are shown in a vertical line, representing the mounting hardware. A line points from the number 1 to the headrest, and lines point from the numbers 2 through 5 to the respective mounting components.

Fig23.
SYSTEM

HYDRAULIC

FB20-35

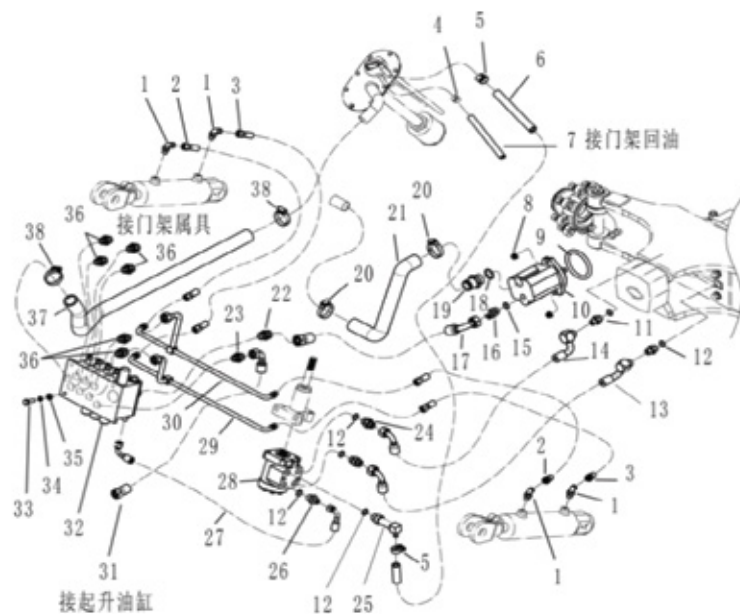


Item No.	Part No.	Description	Q'ty	Remark
1	30474-00007	Joint	4	
2	30474-00016	Hose H.P	2	
3	30474-00017	Hose H.P	2	
4	JB8870-d20	Cilp	2	
5	JB8870-d25	Cilp	2	
6	30421A1-00003	Hose	1	
7	30424A2-00005	Hose	1	
8	GB6187.1-M10	Nut	2	
9	GB97.1-8	Washer	2	
10	25Y18-00002	Pump	1	
11	30443-00001	Joint	2	
12	GB3452.1-14×2.65	O-ring	4	
13	30442-00007	Hose H.P	1	
14	30442-00005	Hose H.P	1	
15	GB3452.1-17.5×2.65	O-ring	1	
16	30416A1-00006	Joint	1	
17	30416A1-00007	Hose H.P	1	
18	30416A1-00005	Joint	1	
19	GB3452.1-28×3.55	O-ring	1	
20	JB8870-d50	Cilp	2	
21	B256000010	Hose	1	
22	30474-00009	Joint	1	
23	30474-00007	Joint	1	
24	30442-00006	Joint	4	

Fig23.
SYSTEM

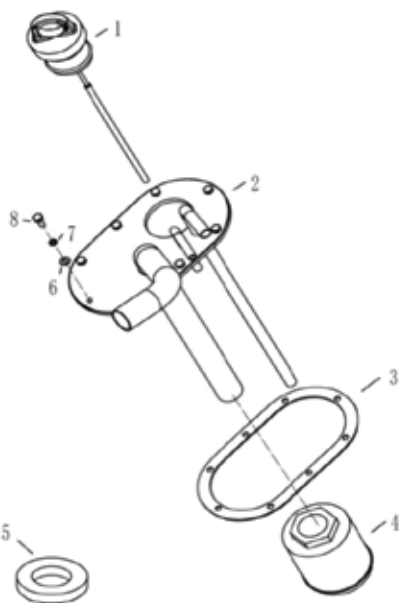
HYDRAULIC

FB20-35



Item No.	Part No.	Description	Q'ty	Remark
25	30442-06000	Joint	1	
26	30442-00003	Joint	2	
27	30442-00004	Hose H.P	1	
28	30442-07000	Pump	1	
29	30474-00012	Steel tube I	1	
30	30474-00013	Steel tube II	1	
31	30474-00015	Hose H.P	1	
32	25Y18-00005	Control valve/2spols	1	
---	25Y18-00003	Control valve/3spols	1	
---	25Y18-00006	Control valve/4spols	1	
33	GB5786-M10×1.25×30	Bolt	3	
34	GB97.1-10	Washer	3	
35	GB93-10	Washer, lock	3	
36	30442-00006	Joint	2	
---	30442-00006	Joint	4	
---	30442-00006	Joint	6	
37	30474-00010	Hose	1	
38	JB8870-d50	Cilp	2	

Fig24.
HYDRAULIC OIL TANK ACCESSORY



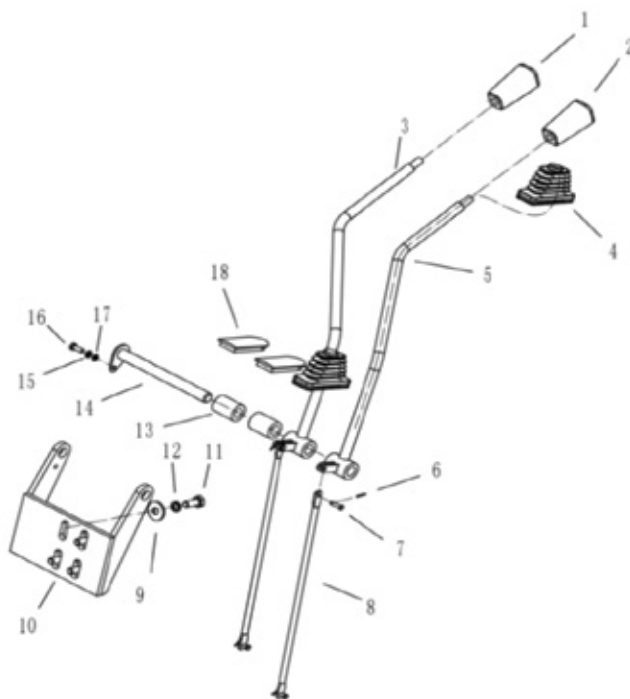
FB20-35

[illegible]

Fig25.
WAY VALVE CONTROL-2 WAY

MULTI-

FB20-35

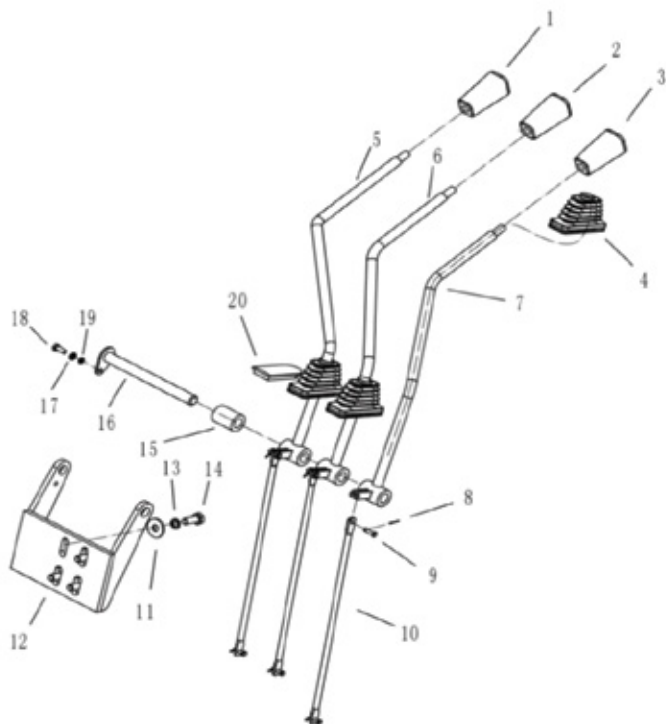


Item No.	Part No.	Description	Q'ty	Remark
1	B254000026	Knob,tilt	1	
2	B254000025	Knob,lift	1	
3	1369310302	Lever,tilt	1	
4	30474-00003	Sleeve	2	
5	1369310301	Lever,lift	1	
6	GB91-φ1.6×12	Pin	4	
7	30474-00019	Pin	4	
8	8030963002	Rod	2	
9	G96.1-10	Washer	4	
10	1356100203	Bracket	1	
11	GB5783-M10×25	Bolt	4	
12	GB93-10	Washer,lock	4	
13	T16640008	Spacer	2	
14	D3064B2000	Shaft,lever	1	
15	GB/T93-6	Washer,lock	1	
16	GB5783-M6×16	Bolt	1	
17	GB97.1-6	Washer	1	
18	30474-00004	Sleeve	2	

Fig26.
WAY VALVE CONTROL-3 WAY

MULTI-

FB20-35

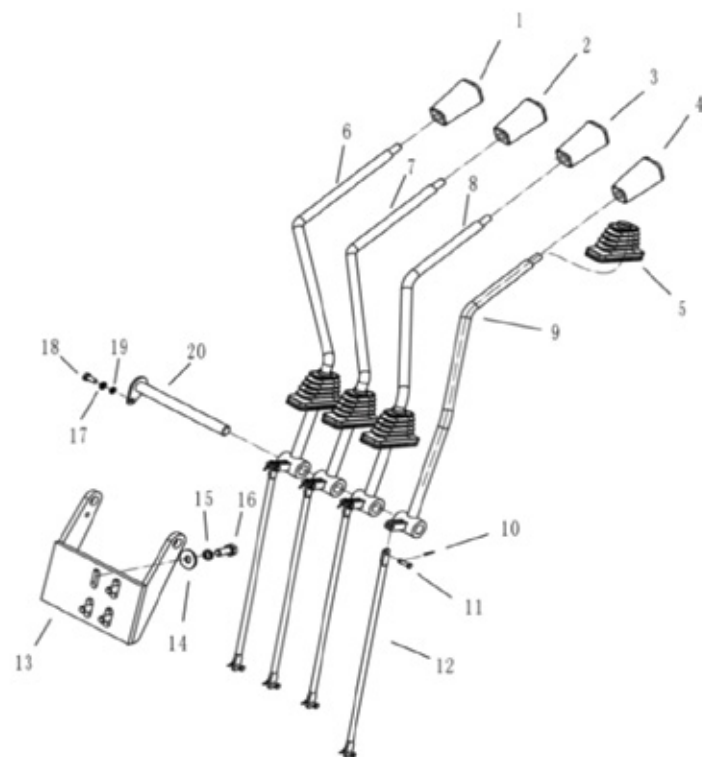


Item No.	Part No.	Description	Q'ty	Remark
1	B254000027	Knob,lateral	1	
2	B254000026	Knob,tilt	1	
3	B254000025	Knob,lift	1	
4	30474-00003	Sleeve	3	
5	1369310303	Lever,lateral	1	
6	1369310302	Lever,tilt	1	
7	1369310301	Lever,lift	1	
8	GB91- ϕ 1.6 $\times$ 12	Pin	6	
9	30474-00006	Pin	6	
10	8030963002	Rod	3	
11	GB96.1-10	Washer	4	
12	1356100203	Bracket	1	
13	GB93-10	Washer,lock	4	
14	GB5783-M10 $\times$ 25	Bolt	4	
15	T16640008	Spacer	1	
16	D3064B2000	Shaft,lever	1	
17	GB93-6	Washer,lock	1	
18	GB5783-M6 $\times$ 16	Bolt	1	
19	GB97.1-6	Washer	1	
20	30474-00004	Sleeve	1	

Fig27.
WAY VALVE CONTROL-4 WAY

MULTI-

FB20-35

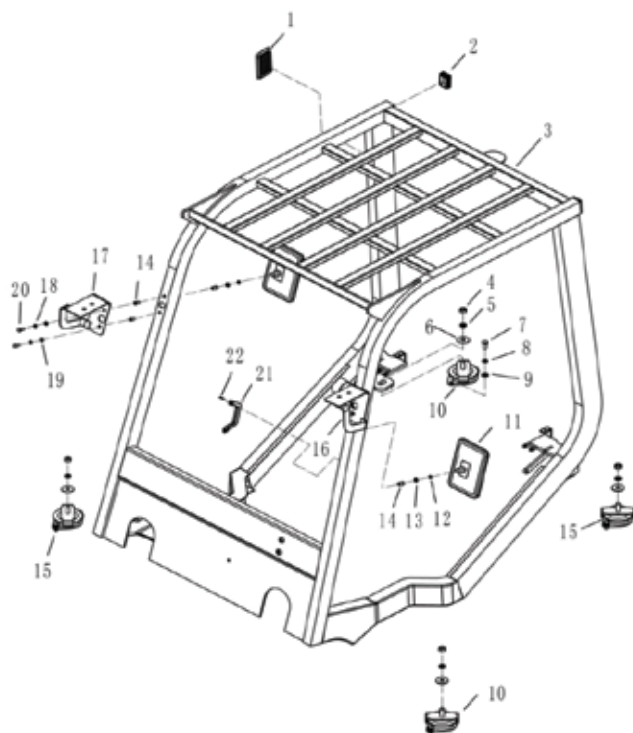


Item No.	Part No.	Description	Q'ty	Remark
1	B254000028	Knob,adjust	1	
2	B254000027	Knob,lateral	1	
3	B254000026	Knob,tilt	1	
4	B254000025	Knob,lift	1	
5	30474-00003	Sleeve	4	
6	1369310304	Lever,adjust	1	
7	1369310303	Lever,lateral	1	
8	1369310302	Lever,tilt	1	
9	1369310301	Lever,lift	1	
10	GB91- ϕ 1.6 $\times$ 12	Pin	8	
11	30474-00006	Pin	8	
12	8030963002	Rod	4	
13	1356100203	Bracket	1	
14	GB96.1-10	Washer	4	
15	GB93-10	Washer,lock	4	
16	GB5783-M10 $\times$ 25	Bolt	4	
17	GB93-6	Washer,lock	1	
18	GB5783-M6 $\times$ 16	Bolt	1	
19	GB97.1-6	Washer	1	
20	D3064B2000	Shaft,lever	1	

Fig28.
GUARD

OVERHEAD

FB20-35

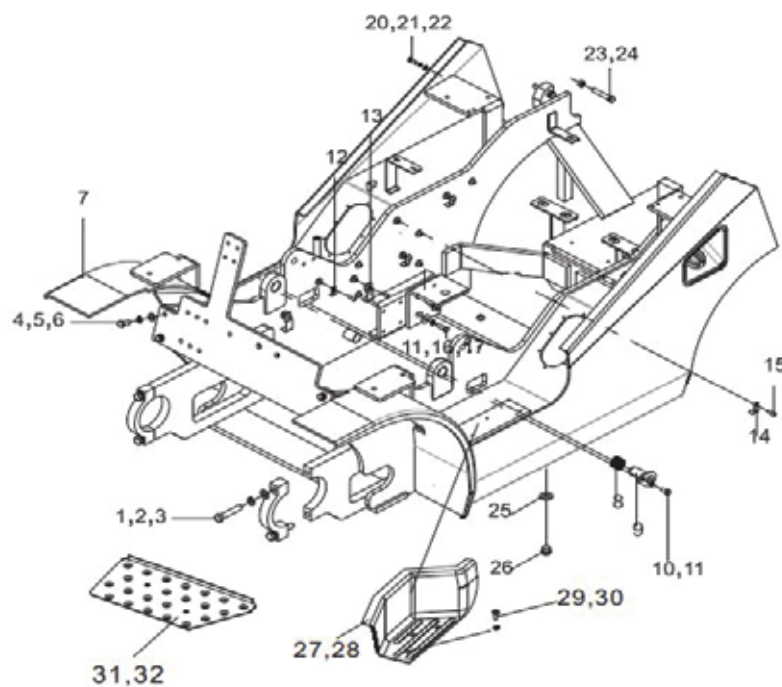


Item No.	Part No.	Description	Q'ty	Remark
1	30451-00002	Intake hood	1	
2	30451-00003	Cap	1	
3	30451-01000/N	Overhead guard	1	
4	GB6171-M14x1.5	Nut	4	
5	GB93-14	Washer,lock	4	
6	GB96.1-14	Washer	4	
7	GB5783-M12x25	Bolt	8	
8	GB93-12	Washer,lock	8	
9	GB97.1-12	Washer	8	
10	30451-03000	stop rubber	2	
11	30451-00004	Rearview mirror	2	
12	GB93-8	Washer,lock	6	
13	GB97.1-8	Washer	6	
14	GB17880.1-M8x18	Nut	6	
15	30451-02000	stop rubber	2	
16	30451-05000	Left bracket	1	
17	30451-04000	Right bracket	1	
18	GB93-8	Washer,lock	4	
19	GB97.1-8	Washer	4	
20	GB5783-M8x20	Bolt	4	
21	30451-00001	Handle	1	
22	GB70.1-M6×16	Screw	2	

Fig29.
ACCESSORIES

CHASSIS

FB20-35



Item No.	Part No.	Description	Q'ty	Remark
1	GB5782-M16x75	Bolt	4	
2	GB93-16	Washer,lock	4	
3	GB97.1-16	Washer	4	
4	GB5783-M12x30	Bolt	4	
5	GB93-12	Washer,lock	4	
6	GB97.1-12	Washer	4	
7	25461-01000	FRAME	1	
	30461-01000	frame	1	
8	30461-00002	bering	2	
9	304800-10000	pin roll	2	
10	GB5783-M10x16	Bolt	10	
11	GB93-10	Washer,lock	4	
12	30461-00008	ply-yarn drill	12	
13	30461-00003	tubing card	8	
14	30461-00004	ply-yarn drill	7	
15	GB70.1-M8x12	Bolt	23	
16	GB5783-M10x30	Bolt	8	
17	GB97.1-10	Washer	8	
20	GB70.1-M8x20	Bolt	4	
21	GB93-8	Washer,lock	4	
22	GB97.1-8	Washer	4	
23	GB5783-M12x70	Bolt	2	
24	GB61703-M12	nut	2	
25	GB982-20	Washer	2	

Fig29. ACCESSORIES

CHASSIS

FB20-35

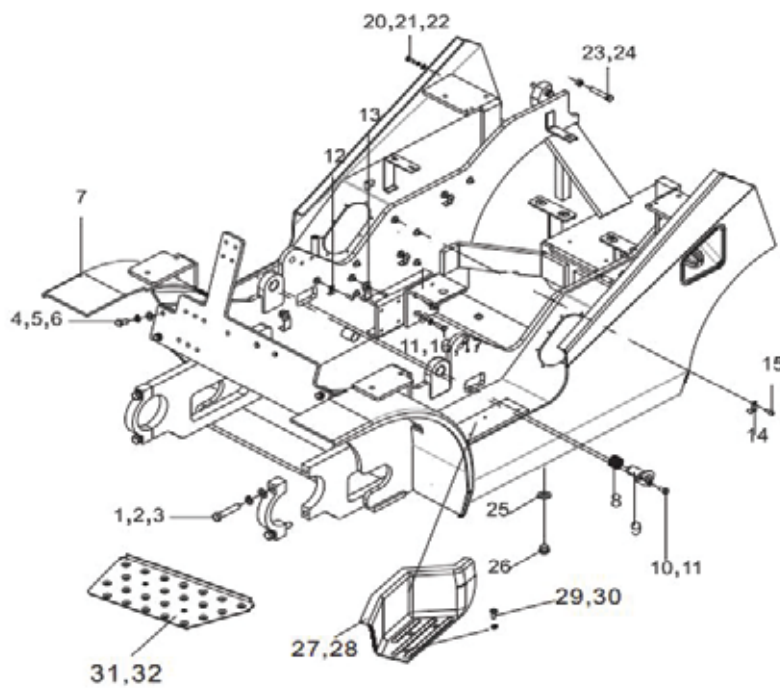
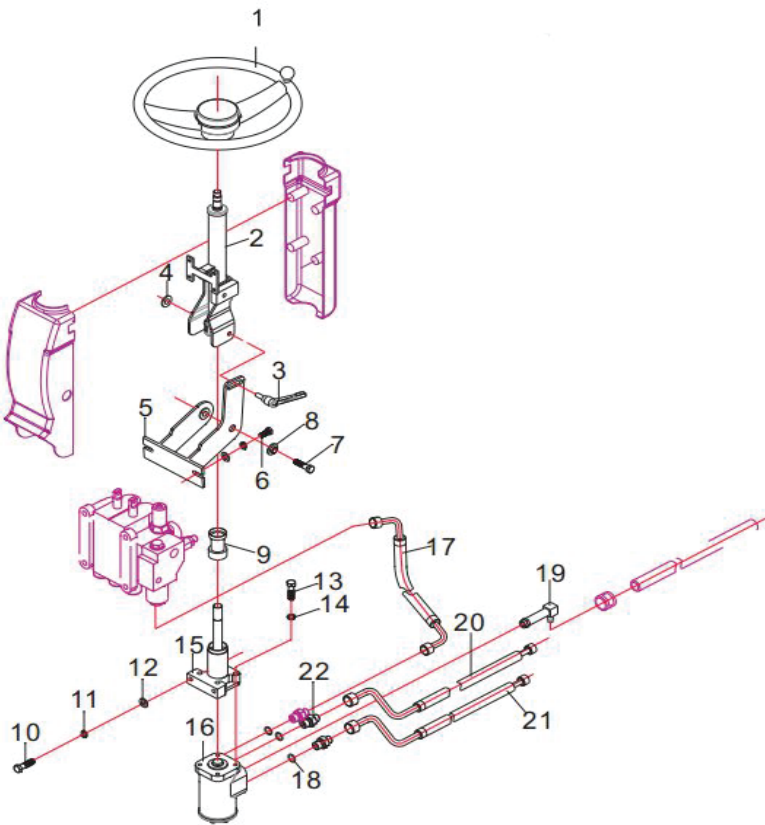
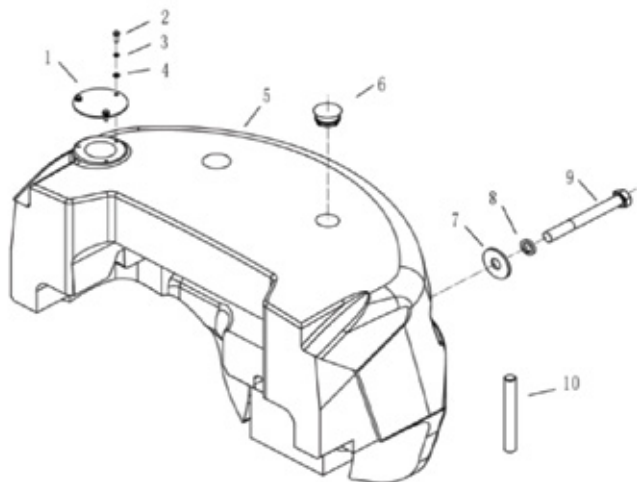
[illegible]

Fig30.
STEERING SYSTEM

**FB20-35**

				Remark
Item No.	Part No.	Description	Q'ty	
1	2529910101	Steering wheel assembly	1	
2	T16250000	Steering pipe device	1	
3	30442-03000	Handle	1	
4	30442-00009	Bush	2	
5	30442-04000	Brachet	1	
6	GB5783-M12x25	Bolt		
7	30442-00010	Bolt	2	
8	30442-00008	Washer	1	
9	D30230002	SHEATH	1	
10	GB5786-M12×1.25×50	Bolt	2	
11	GB93-12	Washer	2	
12	GB97.1-12	Washer	2	
13	GB5783-M10x45	Bolt	4	
14	GB93-10	Washer	4	
15	30442-05000	Connection flange	1	
16	B256500001		1	
17	30442-00004	Hose	1	
18	GB3452.1-17x2.65	O-ring	4	
19	30442-06000	Joint	1	
20	30442-00007	Hose	1	
21	30442-00005	Hose	1	
22	30442-00006	Joint	2	
23	D30600002T	LS Hose	1	
24	D30600001T	LS Joint	1	

Fig31.
COUNTERWEIGHT



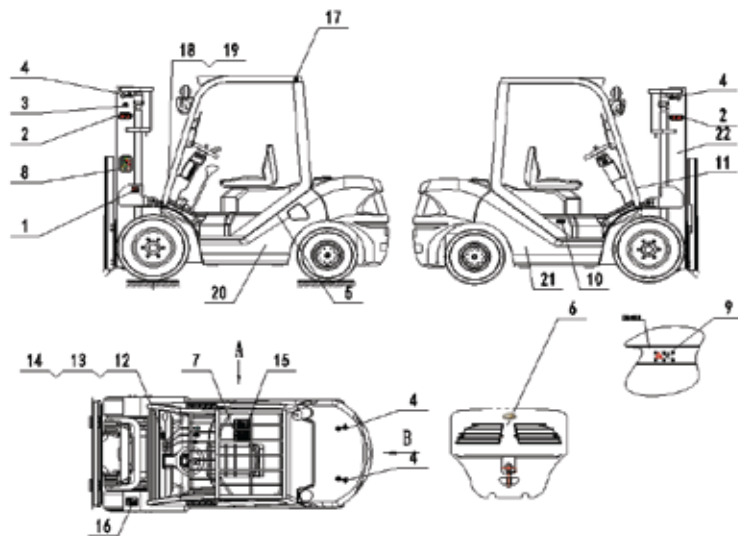
FB20-35

[illegible]

Fig32.
AND NAMEPLATE

TABLE

FB20-35

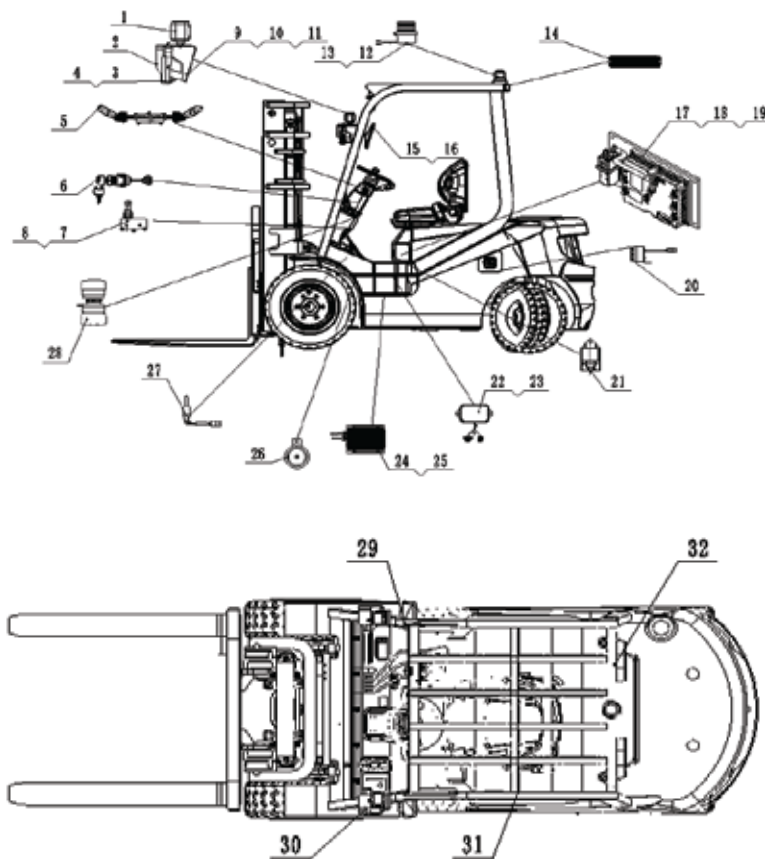


Item No.	Part No.	Description	Q'ty	Remark
1	D30912009	Forbid lable	1	
2	D30912001		2	
3	30491-00003	CE lable	1	
4	30491-00004	Lift lable	4	
5	L02165	Lithum battery lable	1	
6	30491-00025	UN LOGO	1	
7	30491-00006	Ues lable	1	
8	30491-00007	Lubrication	1	
9	D30912012	Hand cut risk lable	1	
10	30491-00012	Hydraulic oil lable	1	
11	30491-00013	Speaker lable	1	
12	30491-00014	Lift lable	1	
13	30491-00015	Tilt lable	1	
14	30491-00016	Sideshifer lable	1	
15	30491-00017	Instruction lable	1	
16	30491-00019	Tyre Pressure lable	1	
17	30491-00004	Lift lable	1	
18	30491-00002	Load curve Nameplate	1	
19	30491-00001	Model nameplate	1	
20	30491-00023	Series namepalte	1	
21	30491-00023	Series namepalte	1	
22	30491-00024	Logo lable	2	

Fig33.
SYSTEM

ELECTRICAL

FB20-35



Item No.	Part No.	Description	Q'ty	Remark
1	30424A1-01000	Front lamp	2	
2	30424A1-02000	Head light	2	
3	30451-04000	RIGHT BRACKET	1	
4	30451-05000	LEFT BRACKET	1	
5	7070601223	combination switch	1	
6	7070701211	Ignition key	1	
7	30424A1-21000	Microswitch	1	
8	2519160101	switch COVER	1	
9	GB5783-M8x25	screw	4	
10	GB97.1-8	washer	4	
11	GB93-8	washer	4	
12	30424A1-06000	WARNING LIGHTS	1	
13	30424A1-22000	RUBBER RING	1	
14	30424A1-05000	Rear combination lamp	2	
15	30451-00004	REARVIEW	2	
16	GB17880.1-M8x18	NUT	6	
17	25Y24-00010	LELECTRONIC CONTROL	1	ZAPI
—	25Y24-00001	LELECTRONIC CONTROL	1	SUPEREC
18	25Y24-00019	WIRE	1	
19	B25709000	LINE	1	
20	7070301204	Buzzer	1	
21	7030701201	FILCKER RELAY	1	
22	2759760001	FUSE BOX	1	
23	B25700001	FUSE BOX MOUNTING PLATE	1	

Fig33.
SYSTEM

ELECTRICAL

FB20-35

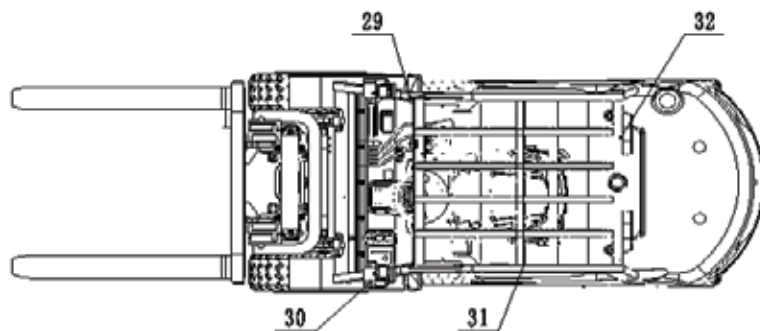
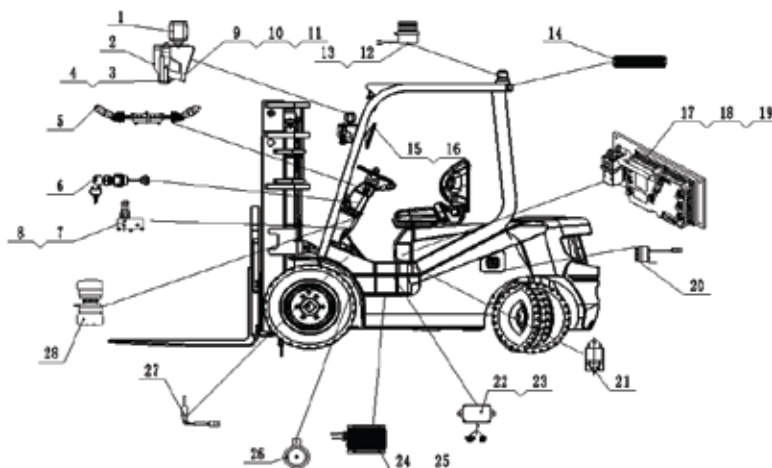
[illegible]

Fig34.
SYSTEM

ELECTRICAL

FB20-35

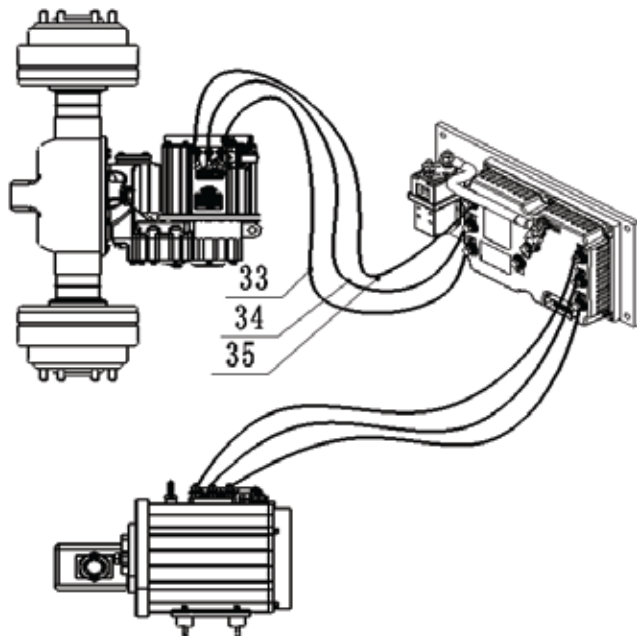
[illegible]

Fig35.
BATTERY

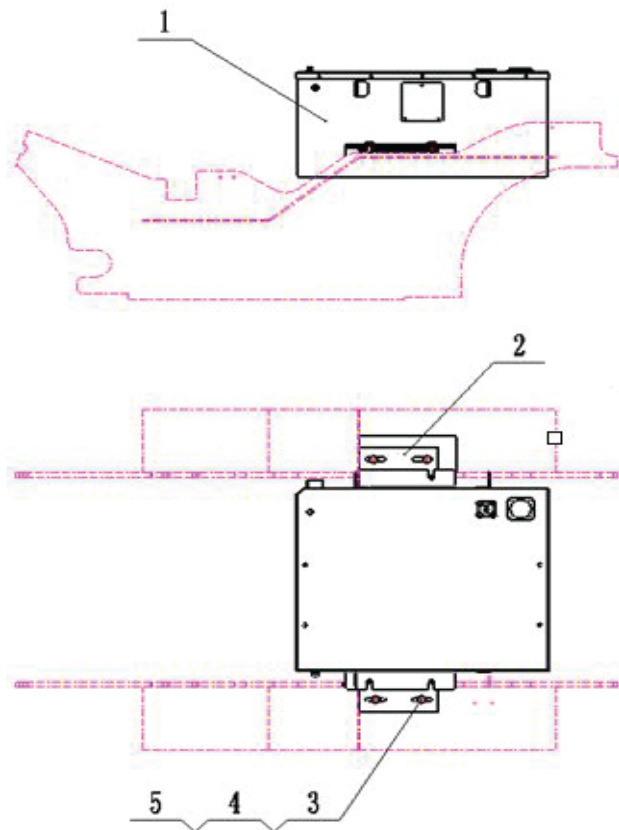
**FB20-35**[illegible]

Fig36.
OPTIONS

CHARGER

FB20-35

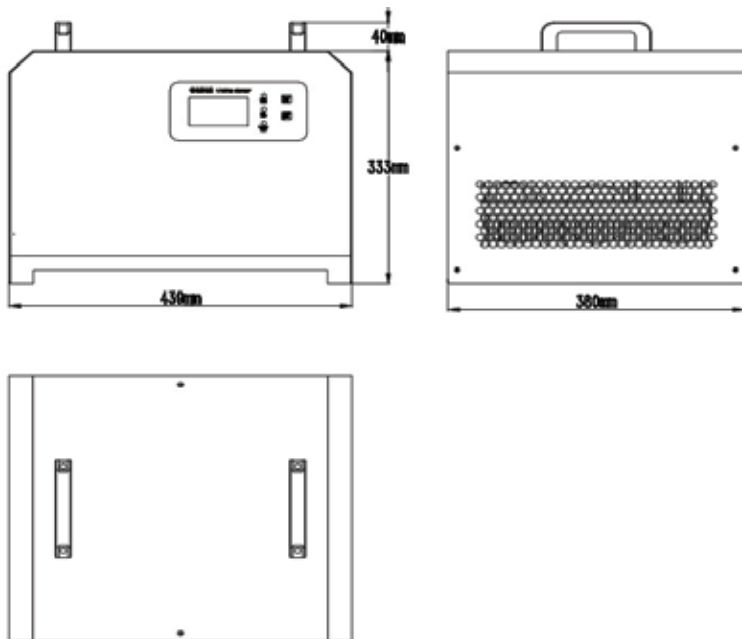
[illegible]

Fig37.
SYSTEM

ELECTRICAL

FB20-35

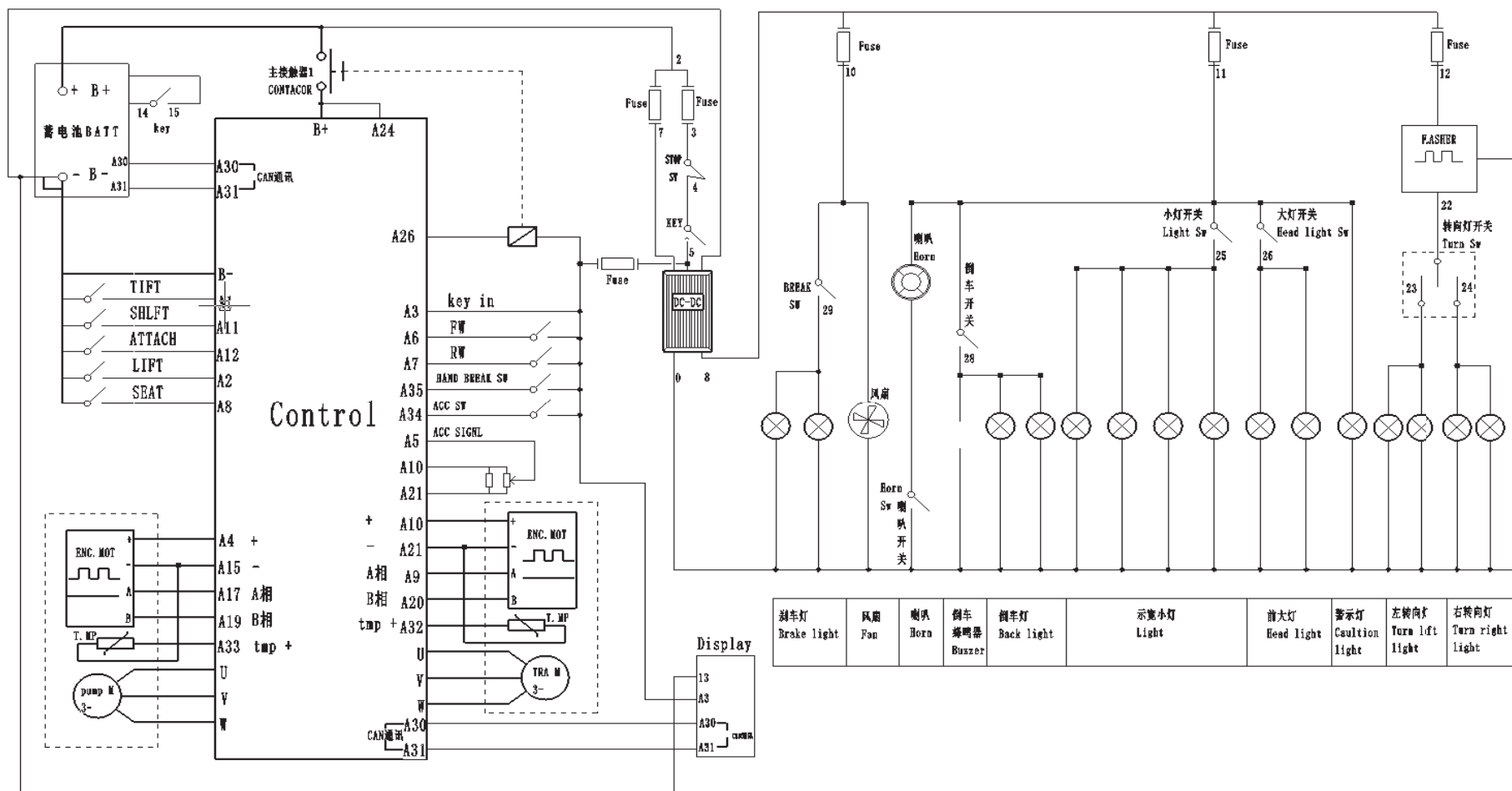
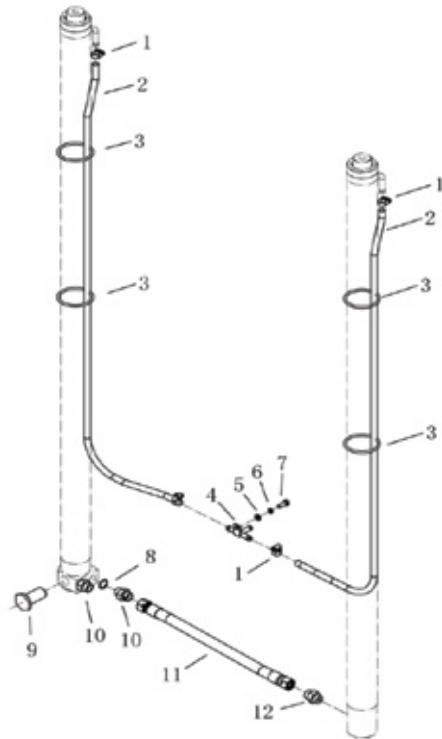


Fig38.
PIPE SYSTEM

MAST

FB30-35[illegible]

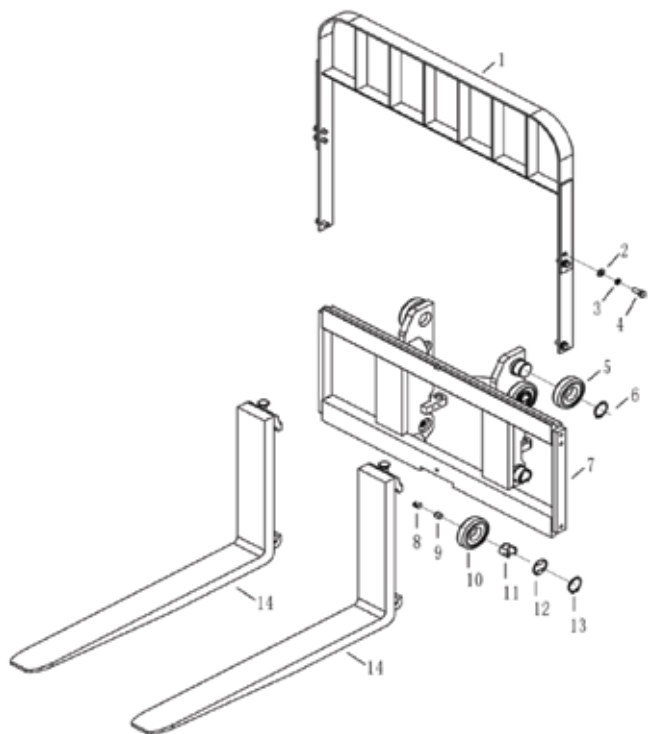
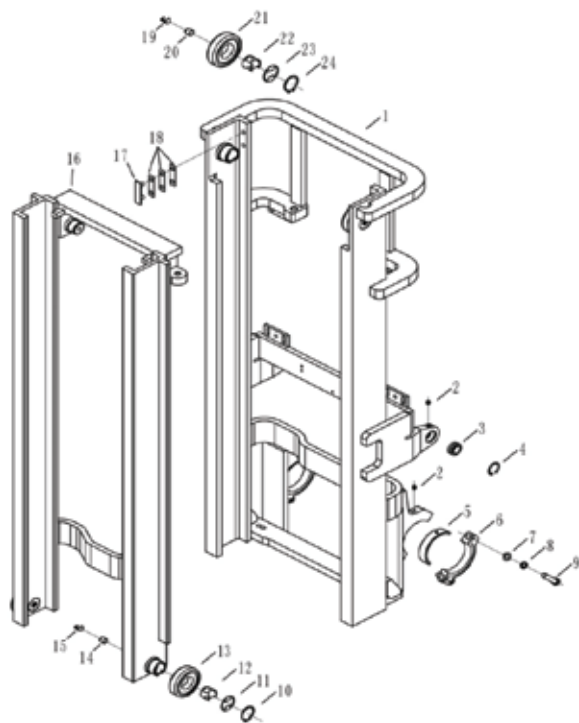
FB30-35[illegible]

Fig40.
WORKING DEVICE-MAST



FB30-35

Item No.	Part No.	Description	Q'ty	Remark
1	30480-01000	Outer mast	1	
2	JB7940.1-M10×1	Fitting	4	
3	30480-00006	Bushing	2	
4	GB983.1-47	Snap ring	2	
5	30480-00007	Bushing	2	
6	30480-00008	Cap	2	
7	GB97.1-16	Washer	4	
8	GB93-16	Washer,lock	4	
9	GB5786-M16×70	Bolt	4	
10	GB894.1-55	Snap ring	2	
11	30480-08001	Washer	2	
12	30480-08200	End roller	2	
13	30480-08100	End roller	2	
14	30480-08003	Bolt	2	
15	30480-08002	Washer,lock	2	
16	30480-02000	Inner mast	1	
17	30480-00001	Slipper	2	
18	30480-00002	Washer		
19	30480-07002	Washer,lock	2	
20	30480-07003	Bolt	2	
21	30480-07100	End roller	2	
22	30480-07200	End roller	2	
23	30480-07001	Washre	2	
24	GB894.1-55	Snap ring	2	

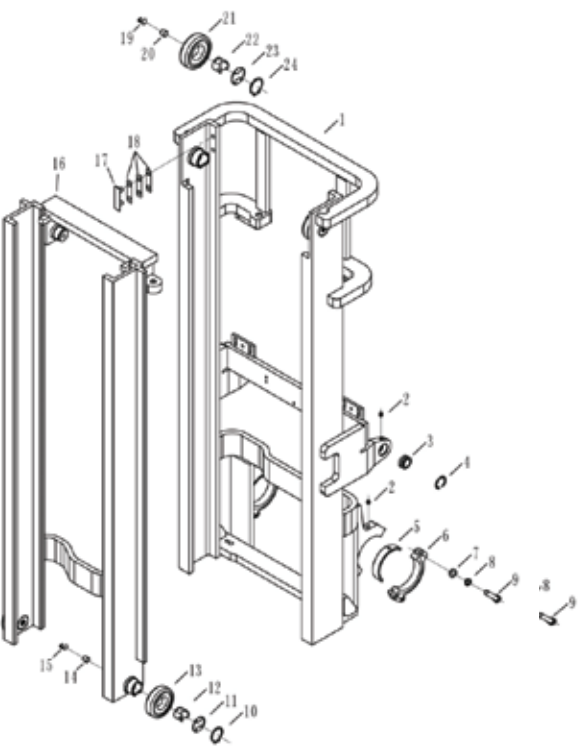
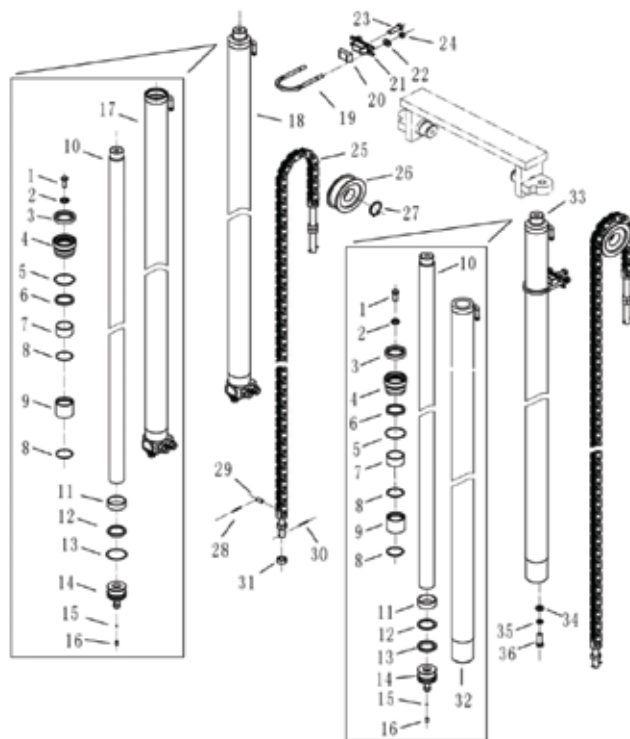
Fig41. OPTIONS	MAST	FB30-35		
		Lifting height	Outer mast	Inner mast
		M270	30480-01000-2.7	30480-02000-2.7
		M300	30480-01000-3.0	30480-02000-3.0
		M330	30480-01000-3.3	30480-02000-3.3
		M350	30480-01000-3.5	30480-02000-3.5
		M370	30480-01000-3.7	30480-02000-3.7
		M400	30480-01000-4.0	30480-02000-4.0
		M430	30480-01000-4.3	30480-02000-4.3
		M450	30480-01000-4.5	30480-02000-4.5
		M470	30480-01000-4.7	30480-02000-4.7
		M500	30480-01000-5.0	30480-02000-5.0
		M550	30480-01000-5.5	30480-02000-5.5
		M600	30480-01000-6.0	30480-02000-6.0

Fig42.
CYLINDER MOUNT

LIFT

FB30-35



Item No.	Part No.	Description	Q'ty	Remark
1	GB5786-M16×1.5×40	Working device	1	
2	GB93-16	Bolt	2	
3	DKB 45×57×10	Washer,lock	2	
4	CLD-16-1 C	Dust ring	2	
5	GB3452.1-56×2.65	Guide sleeve	2	
6	D2 45×55×6	O-ring	2	
7	SF-1 50×45×30	Seal ring	2	
8	GB1235-50×2.4	Bushing	2	
9	TZT5445-K	O-ring	4	
10	Y030-01-3	Spacer	2	
11	D 50×20×2.5	Rod,piston	2	
12	φ45×56×3	Wearing	2	
13	OSI 56×45×7	Snap ring	2	
14	Y030-01-4 B	Seal ring	2	
15	GB308-φ5	Piston	2	
16	CLD-16-5 C	Steel ball	2	
17	Y030-02-5C	Bolt	2	
18	30480-12000	Cylinder body R	1	
19	30480-00003	Lift cyl R		
20	30480-00004	U-bolt	2	
21	30480-00005	Rubber	2	
22	GB96.1-10	Support	2	
23	GB5786-M12×1. 25×60	Washer	4	
24	GB889.1-10	Bolt	2	

Fig42.
CYLINDER MOUNT

LIFT

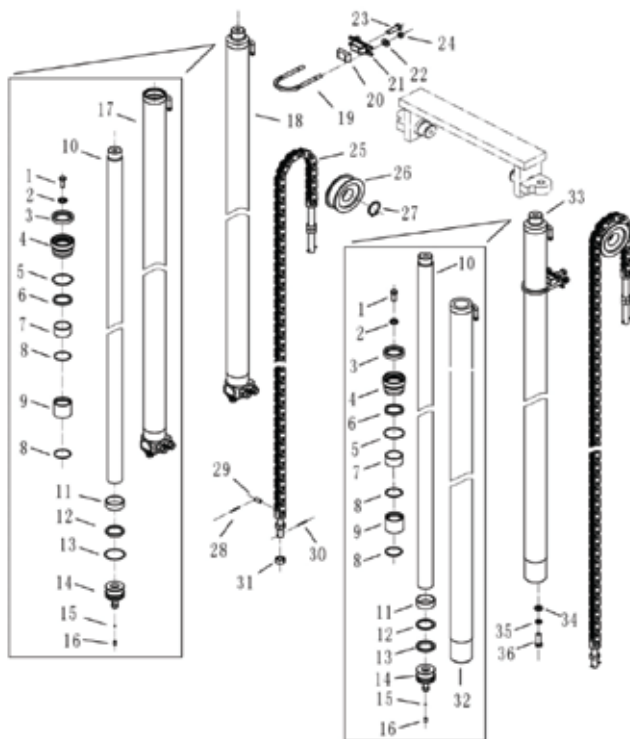
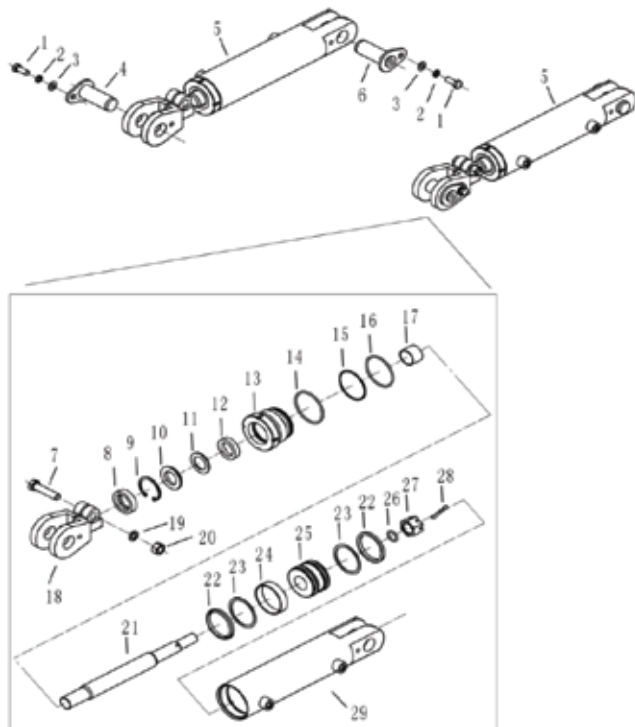
FB30-35[illegible]

Fig43.
CYLINDER

TILT



FB30-35

Item No.	Part No.	Description	Q'ty	Remark
1	GB5783-M10×25	Working device	1	
2	GB93-10	Bolt	4	
3	GB97.1-10	Washer,lock	4	
4	30480-10000	Washer	4	
5	30480-13000-1	Pin	2	
—	30480-13000-2	Tilt cylinder	2	
—	30480-13000-3	Tilt cylinder	2	
—	30480-13000-4	Tilt cylinder	2	
6	30480-16000	Tilt cylinder	3	
7	GB5785-M14×1.5×55	Pin	2	
8	DKB32×52×8/10	Bolt	2	
9	GB893.1-52	Snap ring	2	
10	CKM01-SH016-3	Snap ring	2	
11	φ32×48×3	Snap ring	2	
12	IDI 32×48×10	Snap ring	2	
13	A15B2-40000-1	Airproof ring	2	
14	GB1235-75×3.1	Guide sleeve	2	
15	φ65.2×72×1.5	O-ring	2	
16	GB1235-70×3.1	Snap ring	2	
17	SF-1φ36×32×25	O-ring	2	
18	D30840800-1	Bushing	2	
19	GB93-14	Ear ring	2	
20	GB6171-M14×1.5	Washer	2	
21	D30840800-5A	Nut	2	

Fig43.
CYLINDER

TILT

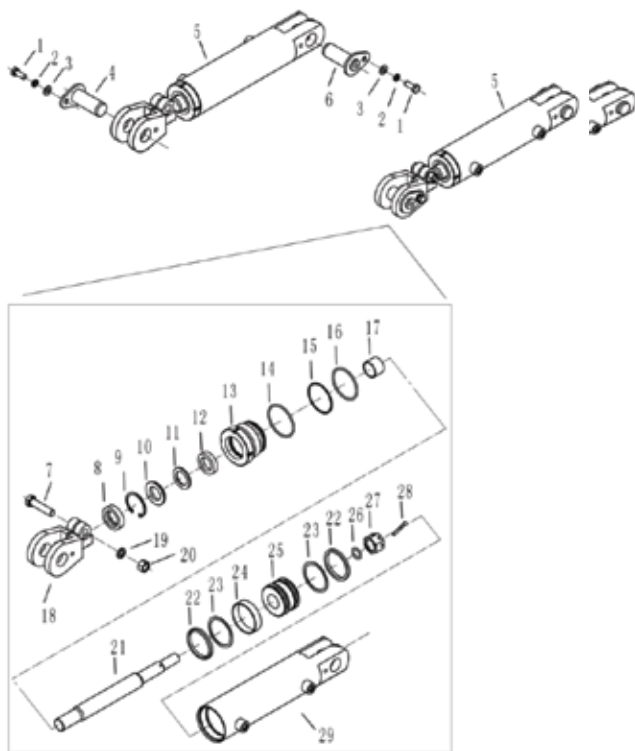
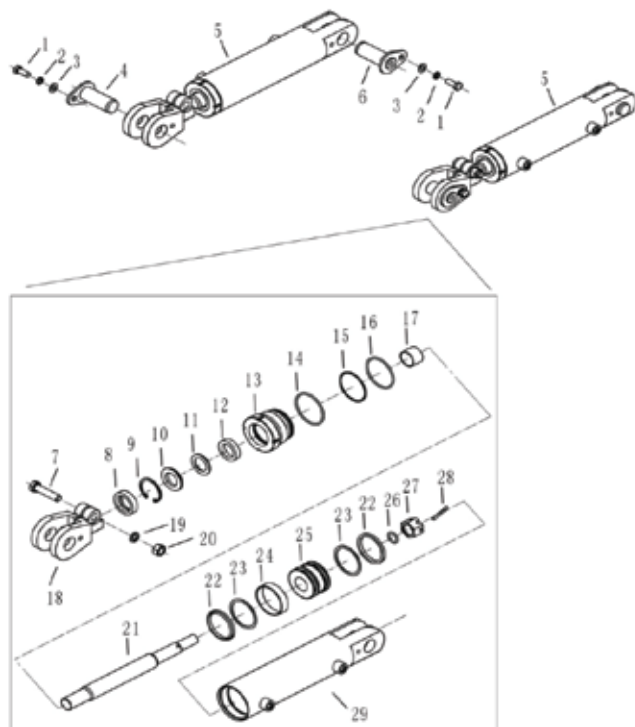
FB30-35[illegible]

Fig44.
CYLINDER

TILT

FB30-35

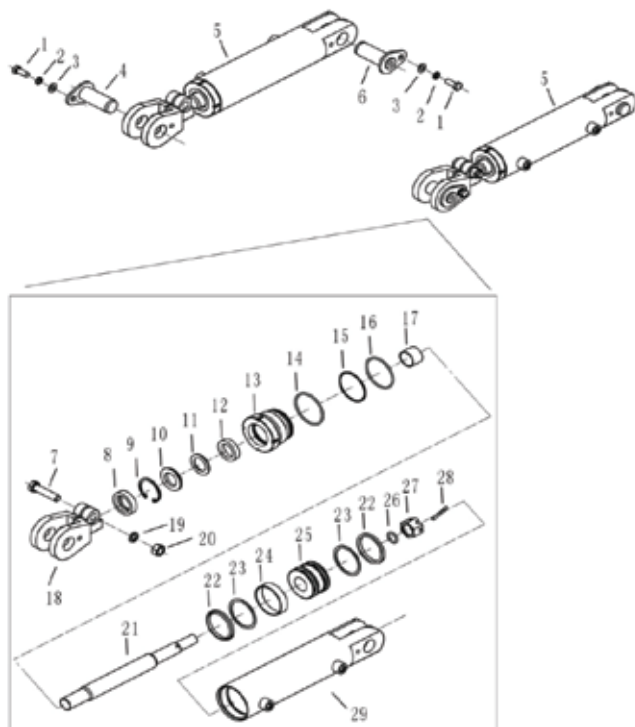


Item No.	Part No.	Description	Q'ty	Remark
1	GB5783-M10×25	Bolt	4	
2	GB93-10	Washer, lock	4	
3	GB97.1-10	Washer	4	
4	30480-10000	Pin	2	
5	35480-13000-1	Tilt cylinder	2	6°-12°
—	35480-13000-2	Tilt cylinder	2	6°-6°
—	35480-13000-3	Tilt cylinder	2	3°-6°
—	35480-13000-4	Tilt cylinder	3	6°-10°
6	30480-16000	Pin	2	
7	GB5785-M14×1.5×55	Bolt	2	
8	DKB35×47×7/10	Snap ring	2	
9	φ35×45×2	Snap ring	2	
10	ISI 35×45×6	Airproof ring	2	
11	M30385-2 A	Guide sleeve	2	
12	GB1235-85×3.1	O-ring	2	
13	φ75.2×80×1.5	Snap ring	2	
14	GB1235-80×3.1	O-ring	2	
15	SF-1φ39×35×30	Bushing	2	
16	D35840800-1	Ear ring	2	
17	GB93-14	Washer	2	
18	GB6171-M14×1.5	Nut	2	
19	OSI 80×70×6	Airproof ring	4	
20	φ70×φ80×3	Snap ring	4	
21	φ80×14.7×2.5	Wearing	2	

Fig44.
CYLINDER

TILT

FB30-35

[illegible]