

**FLIFT**  
AMERICA

**GAMBIT**

8800 PARTS MANUAL



[www.FLIFTAmerica.com](http://www.FLIFTAmerica.com)

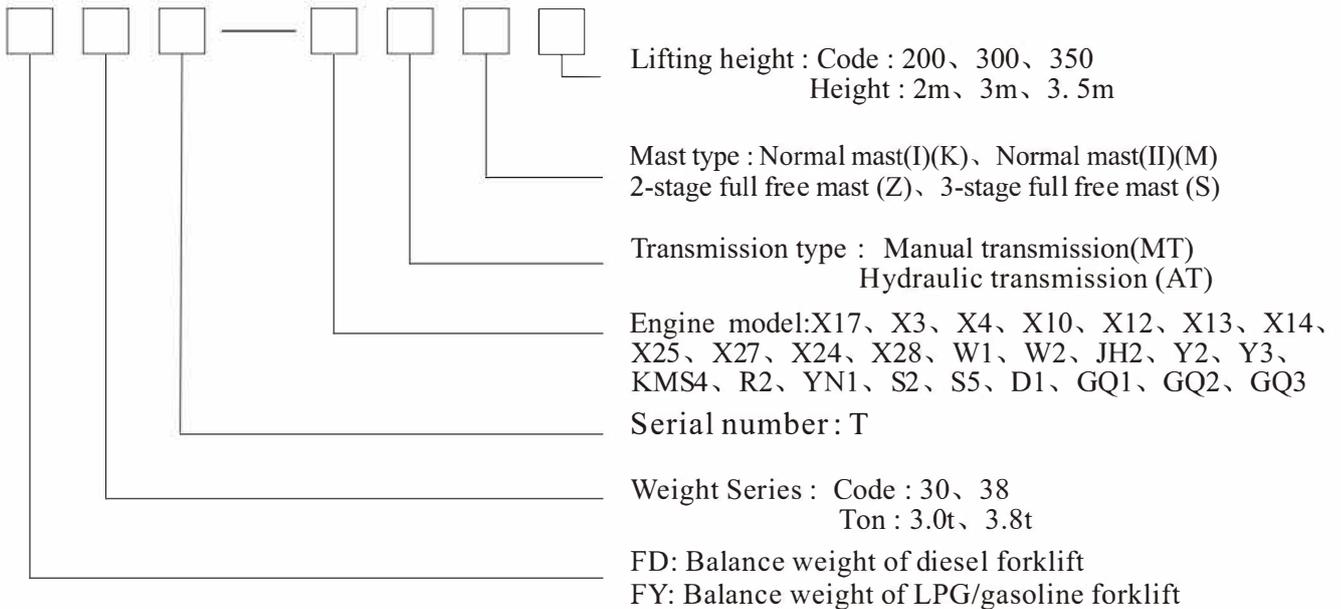


# FOREWORD

1. This parts list is applied to the FD(Y)30/38T 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.

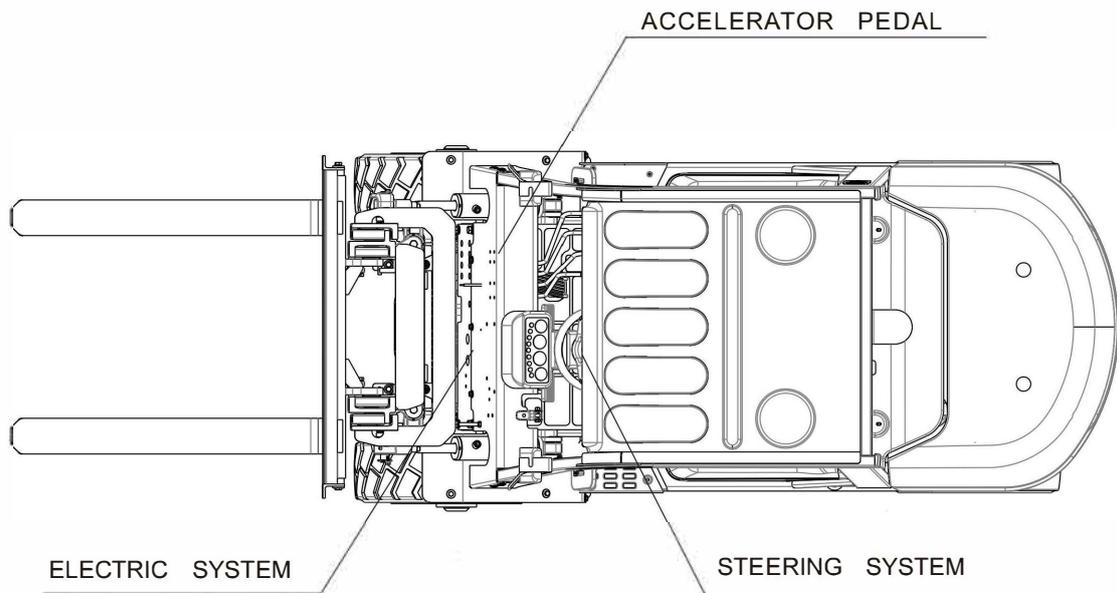
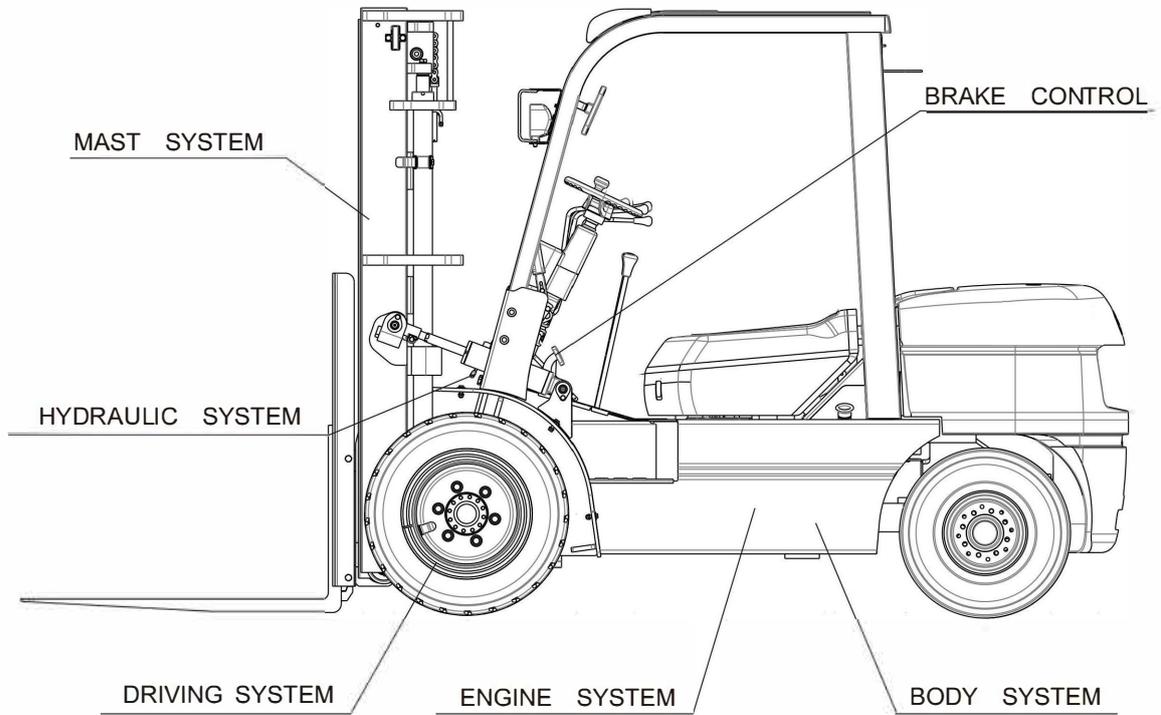
6. The following trucks are provided with corresponding engine.

FD30-X17/QC490GP engine	FD30,38-Y2/4TNE98 engine
FD30-X3/C490BPG-6A engine	FD30,38-Y3/4TNV94L-BXPHZ engine
FD30-X4/A490BPG-95 engine	FD30,38-KMS4/B3.3-C65T3 engine
FD38-X10/A498BT1-34 engine	FY30,38-R2/K25 engine
FD30-X12/C490BPG-236 engine	FD30,35-D1/CA498-06T2/01-97 engine
FD38-X13/A495BPG-517 engine	FY30-GQ1\2\3/GQ491 engine
FD38-X14/A498BPG-520 engine	FD30,38-YN1/YN4A055-CR engine
FD30,38-S2/S4S-408 engine	FD30-X25/4C2-50V32 engine
FD30,38-S5/S4S-474 engine	FD38-X27/4C4-50V31 engine
FD30-W1/C240PKJ-30 engine	FD30-X24/4D27G31 engine
FD30,38-W2/4JG2PE-01 engine	FD38-X28/4D32G31 engine
FD30-JH2/493 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 .

# GROUP INDEX



---

## INDEX

### A. Engine system

Engine mount . . . . .	1-01
Air intake system . . . . .	1-15
Coolling system . . . . .	1-17
Fuel system . . . . .	1-21
Exhaust system . . . . .	1-31

### B. Driving system

Differential . . . . .	2-01
Drive unit mount (clutch type) . . . . .	2-03
Drive unit mount (tor-con type) . . . . .	2-07
Drive unit (tor-con type) . . . . .	2-09
Drive unit(cover & inching valve)(tor-con type) . . . . .	2-13
Charging pump (tor-con type) . . . . .	2-17
Hydraulic clutch (tor-con type) . . . . .	2-19
Control valve (tor-con type) . . . . .	2-21
Inching valve (tor-con type) . . . . .	2-23
Tor-xon oil cooling system (tor-con type) . . . . .	2-25
Transmission (clutch) . . . . .	2-27
Transmission (clutch) . . . . .	2-31
Drive axle . . . . .	2-37
Drive wheel assembly . . . . .	2-41
Wheel brake . . . . .	2-45
Transmission control linkage (tor-con type) . . . . .	2-49

### C. Steering system

Steering control . . . . .	3-01
Steering axle . . . . .	3-05
Steering wheel . . . . .	3-09
Steering cylinder . . . . .	3-11

### D. Accelerator pedal

Accelerator pedal . . . . .	4-01
-----------------------------	------

---

E. Brake system

Brake & inching control (tor-con type) . . . . .	5-01
Brake & clutch control (clutch type) . . . . .	5-05
Brake lever . . . . .	5-09

F. Body system

Frame & balance . . . . .	6-01
Hood, Floor Board & Seat . . . . .	6-05
Head guard . . . . .	6-11

G. Hydraulic system

Oil tank . . . . .	7-01
Valve control linkage (two-throw) . . . . .	7-03
Valve control linkage (three-throw) . . . . .	7-05
Valve control linkage (four-throw) . . . . .	7-07
Valve control linkage (five-throw) . . . . .	7-09
Hydraulic pipe line . . . . .	7-13

H. Lifting system

Hydraulic system mast(Normal mast KM) . . . . .	8-01
Hydraulic system attachments(Normal mast KM). . . . .	8-04
Hydraulic system attachments(Normal mast KM). . . . .	8-07
Hydraulic system mast(Full Free 2-Stage Mast KZM) . . . . .	8-10
Hydraulic system attachments(Full Free 2-Stage Mast KZM). . . . .	8-13
Hydraulic system attachments(Full Free 2-Stage Mast KZM). . . . .	8-16
Hydraulic system mast(Full Free 3-Stage Mast KZM) . . . . .	8-19
Hydraulic system attachments(Full Free 3-Stage Mast KZM). . . . .	8-24
Hydraulic system attachments(Full Free 3-Stage Mast KZM). . . . .	8-29
Fork . . . . .	8-34
Lift Bracket Normal Mast . . . . .	8-36
Lift Bracket Full Free 2-Stage Mast . . . . .	8-38
Lift Bracket Full Free 3-Stage Mast . . . . .	8-40
Mast (Normal mast KM) . . . . .	8-42

---

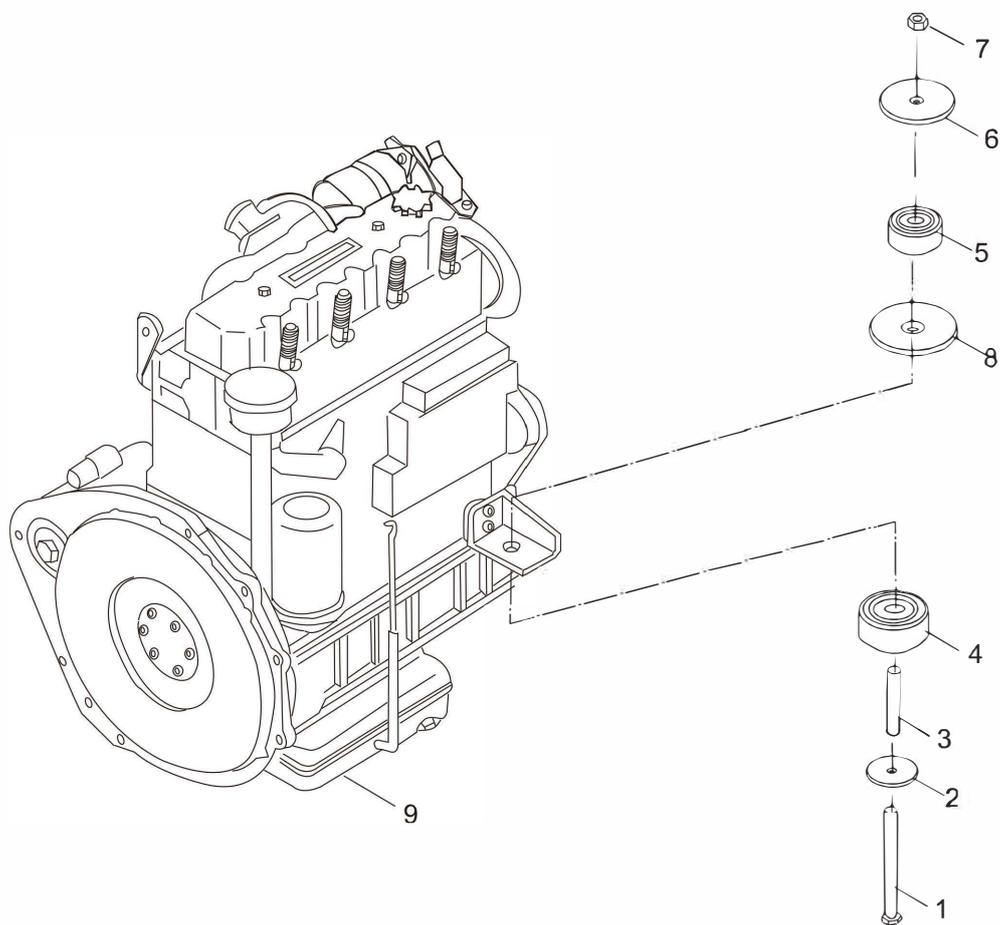
Mast (Full free 2-stage mast KZM) . . . . .	8-46
Mast (Full free 3-stage mast KZM) . . . . .	8-50
Lift Cylinder(Normal Mast KM) . . . . .	8-54
Front Lift Cylinder (Full Free 2-Stage Mast KZM) . . . . .	8-62
Front Lift Cylinder (Full Free 3-Stage Mast KZM) . . . . .	8-68
Rear Lift Cylinder (Full Free 2-Stage Mast KZM) . . . . .	8-74
Rear Lift Cylinder (Full Free 3-Stage Mast KZM) . . . . .	8-78
Tilt cylinder . . . . .	8-86
I. Electric system	
Electric system . . . . .	9-01
J. Scutcheon	
Scutcheon . . . . .	10-01

---

## A. ENGINE SYSTEM

---

Engine mount    FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/YN1  
/X25/X27/X24/X28/JH2/GQ1/2/3

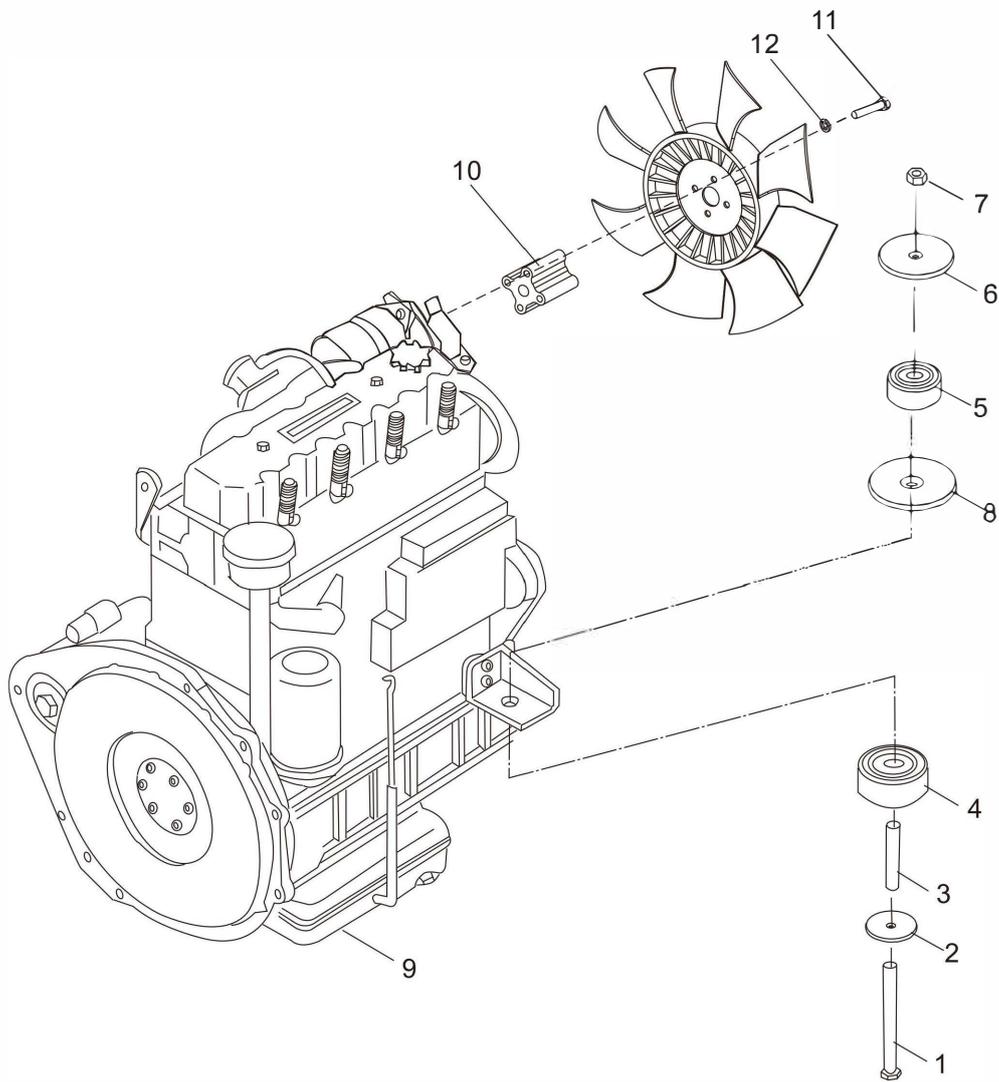


Engine mount FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/YN1  
/X25/X27/X24/X28/JH2/GQ1/2/3

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M10×110×30 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	A30A5-10500	QC490GA Engine	1	FD30-X18
-	A30A5-10600	QC495GP Engine	1	FD38-X19
-	A30A5-10400	QC490GP Engine	1	FD30-X17
-	A30A5-14000	A495BPG-13 Engine	1	FD38-X2
-	A30A5-13000	C490BPG-6A Engine	1	FD30-X3
-	A30A5-17000	A490BPG-95 Engine	1	FD30-X4
-	A40A5-10300	A498BT1-34 Engine	1	FD38-X10
-	A30A5-10100	C490BPG-236 Engine	1	FD30-X12
-	A30A5-10200	A495BPG-517 Engine	1	FD38-X13
-	A40A5-10200	A498BPG-520 Engine	1	FD38-X14
-	A30A5-11100	4C2-50V32 engine	1	FD30-X25
-	A30PR5-10200	4C4-50V31 engine	1	FD38-X27
-	A30A5-11000	4D27G31 engine	1	FD30-X24
-	A30A5-11700	4D32G31 engine	1	FD38-X28
-	A30PP5-10200	YN4A055-CR Engine	1	FD30-YN1
-	A30M5-10400	JEG493-656 Engine	1	FD30-JH2
-	A30S5-10100	491 Engine	1	FY30-GQ1
-	A30S5-10300	491(LPG) Engine	1	FY30-GQ2
-	A30S5-10400	491(LPG/GAS) Engine	1	FY30-GQ3

Engine mount

FD30/38-D1



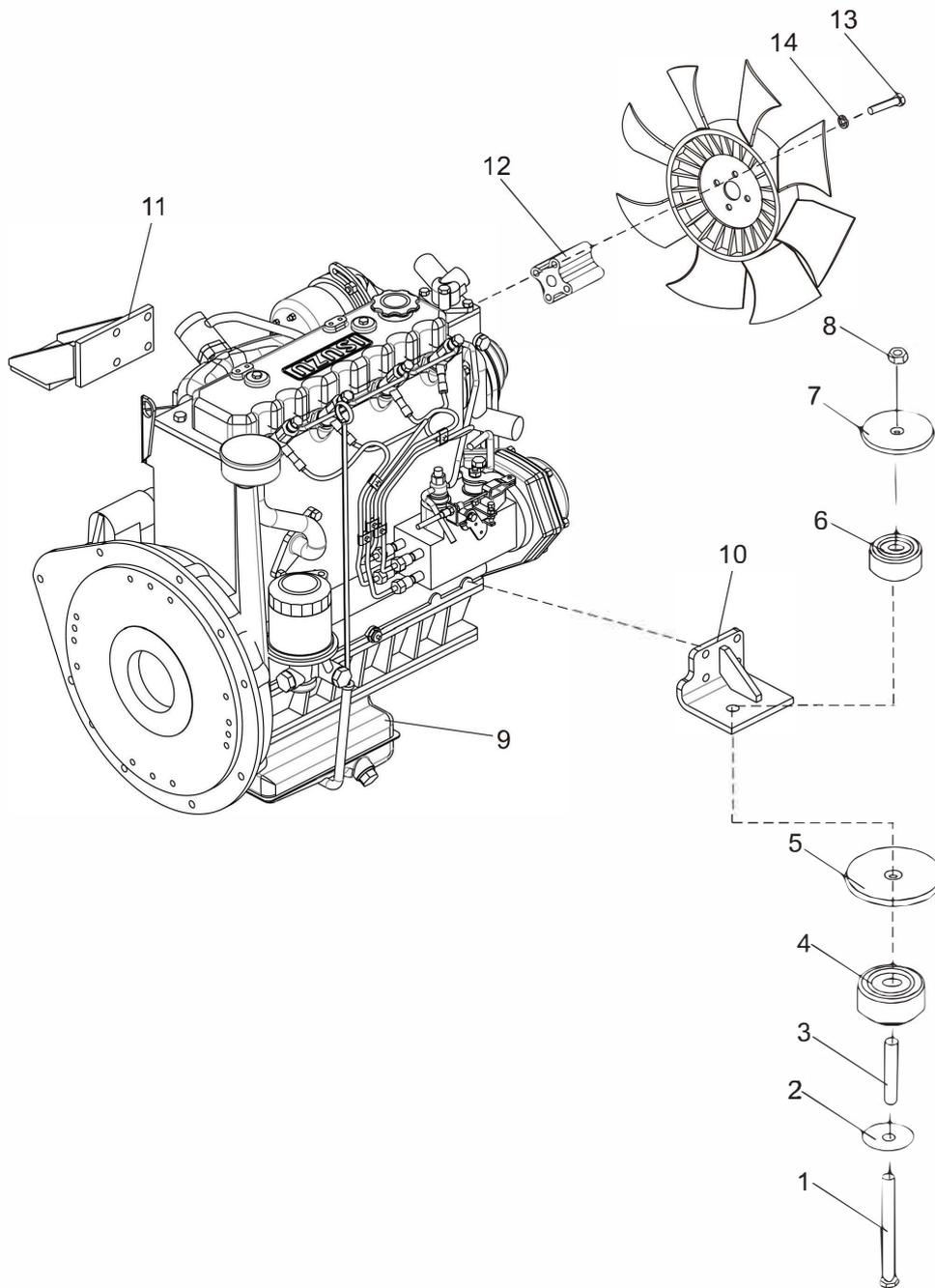
Engine mount

FD30/38-D1

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M10×110×30 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	A30K5-12000	CA498-06T2/01-97 Engine	1	
10	A30K5-10001	Fan block	1	
11	GB/T5783	M8×40 Bolt	4	
12	GB/T93	8 Washer,lock	4	

Engine mount

FD30/38-W1/W2



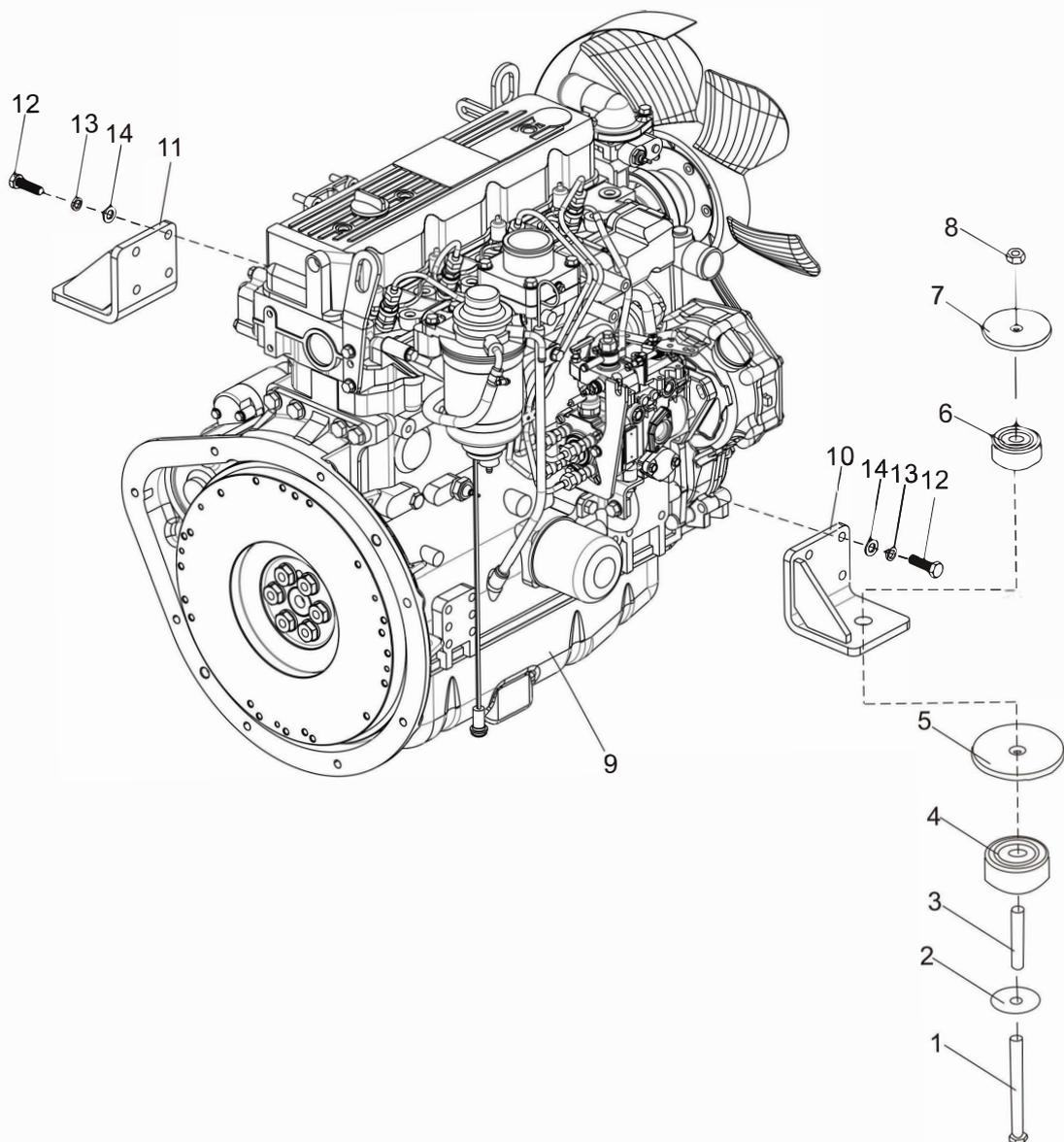
Engine mount

FD30/38-W1/W2

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	FD30/38-W1
-	A30G5-10200	4JG2PE-01 Engine	1	FD30/38-W2
10	A30D5-10500	Engine mount L.H.	1	FD30/38-W1
11	A30D5-10400	Engine mount R.H.	1	FD30/38-W1
12	A30D5-10001	Fan block	1	FD30/38-W1
-	A30G5-10001	Fan block	1	FD30/38-W2
13	GB/T5783	M8×90×30 Bolt	4	FD30/38-W1
-	GB/T5783	M8×50 Bolt	4	FD30/38-W2
14	GB/T93	8 Washer,lock	4	

Engine mount

FD30/38-Y2/Y3



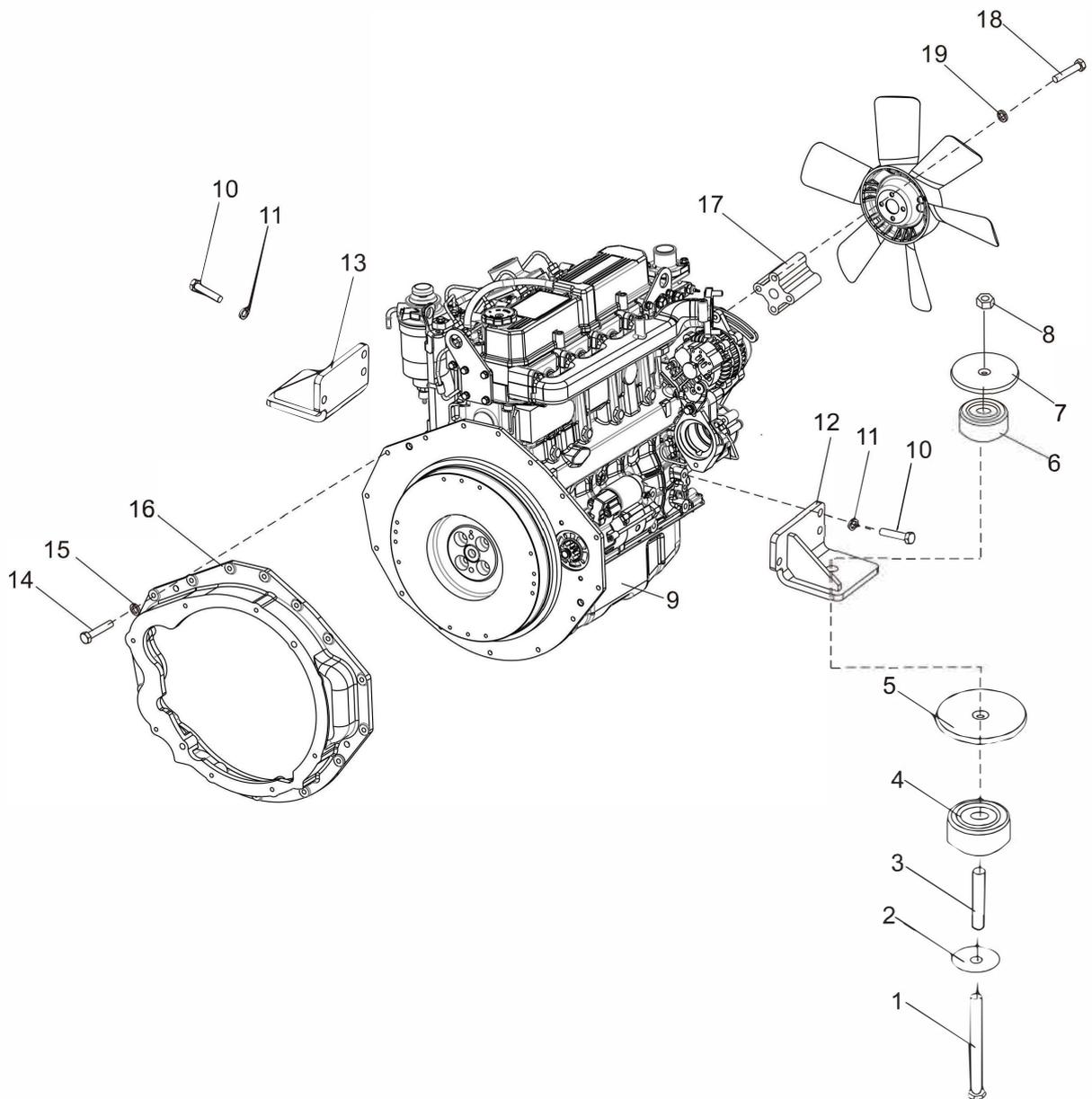
Engine mount

FD30/38-Y2/Y3

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	A30H5-10200	4TNE98 Engine	1	FD30/38-Y2
-	A30H5-10500	4TNV94L-BXPHZ Engine	1	FD30/38-Y3
10	A30H5-10600L	Engine mount L.H.	1	
11	A30H5-10600R	Engine mount R.H.	1	
12	GB/T5783	M10×30 Bolt	8	
13	GB/T93	10 Washer,lock	8	
14	GB/T97.1	10 Washer	8	

Engine mount

FD30/38-S2/S5



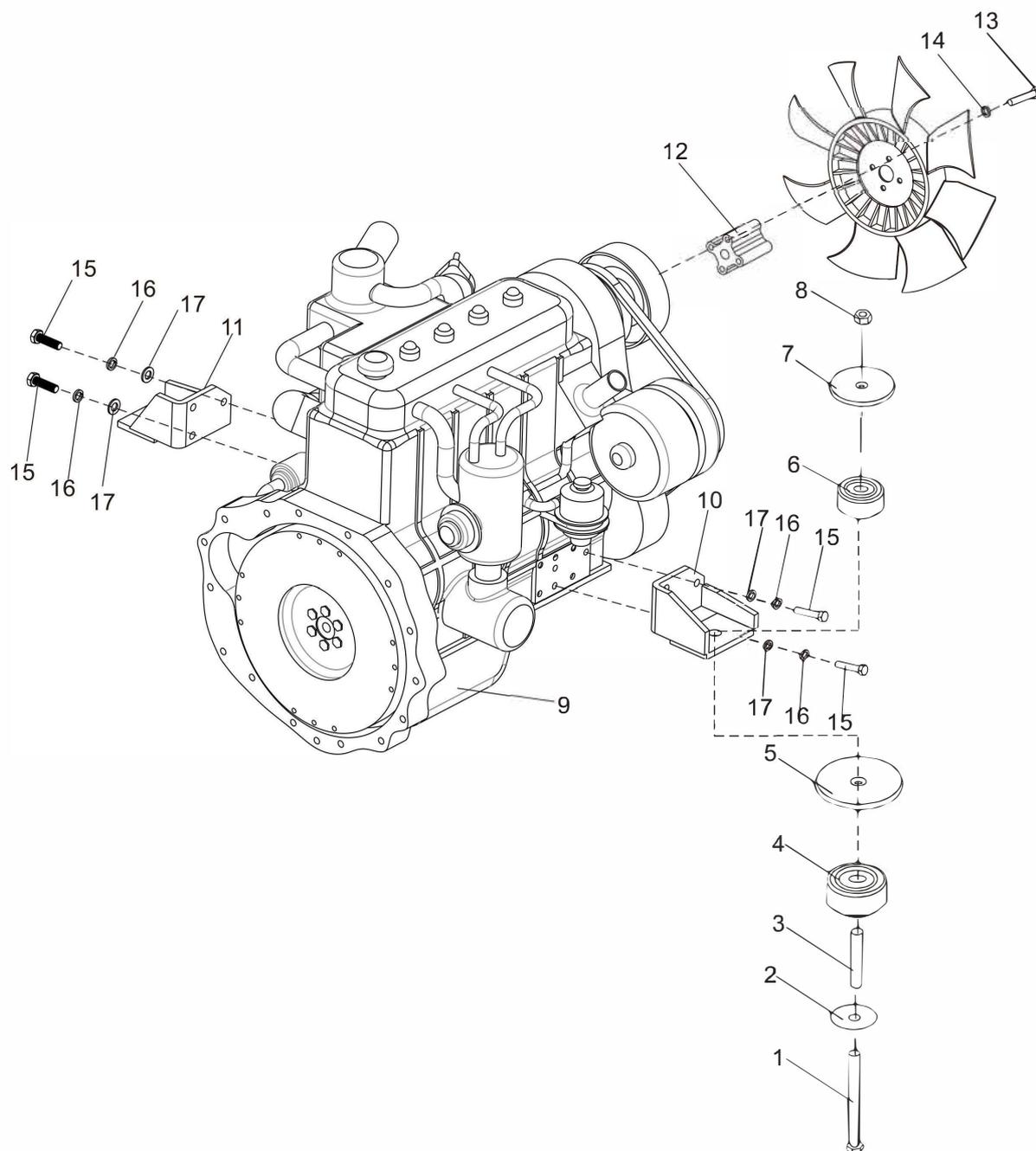
Engine mount

FD30/38-S2/S5

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	A30BA5-10100	S4S-408 Engine	1	FD30/38-S2
-	A30BA5-10200	S4S-474 Engine	1	FD30/38-S5
10	GB/T5783	M12×25 Bolt	8	
11	GB/T93	12 Washer, lock	8	
12	A30BA5-10400	Engine mount L.H.	1	
13	A30BA5-10500	Engine mount R.H.	1	
14	A30BA5-10600	Flywheel shell	1	
15	GB/T5783	M10×1.25×30 Bolt	15	
16	GB/T93	10 Washer,lock	15	
17	A30BA5-10001	Fan block	1	
18	GB/T5783	M8×50 Bolt	4	
19	GB/T93	8 Washer, lock	4	

Engine mount

FY30/38-R2



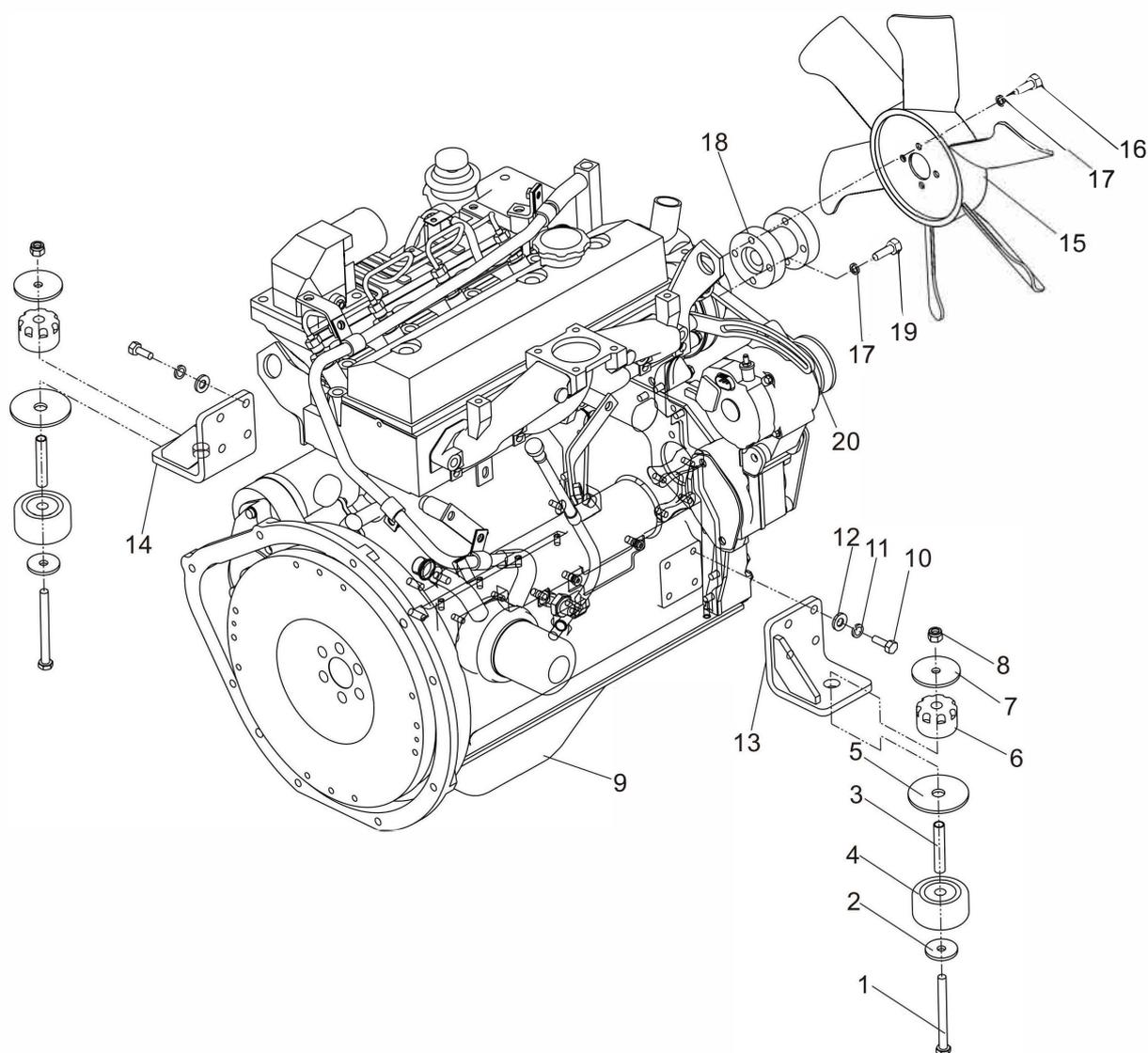
Engine mount

FY30/38-R2

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	A30E5-10300	K25 Engine	1	
-	A30E5-10200	K25 Engine	1	
10	<b>A30E5-10400</b>	<b>Engine mount L.H.</b>	1	
11	<b>A30E5-10500</b>	<b>Engine mount R.H.</b>	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

FY30/38-KMS4



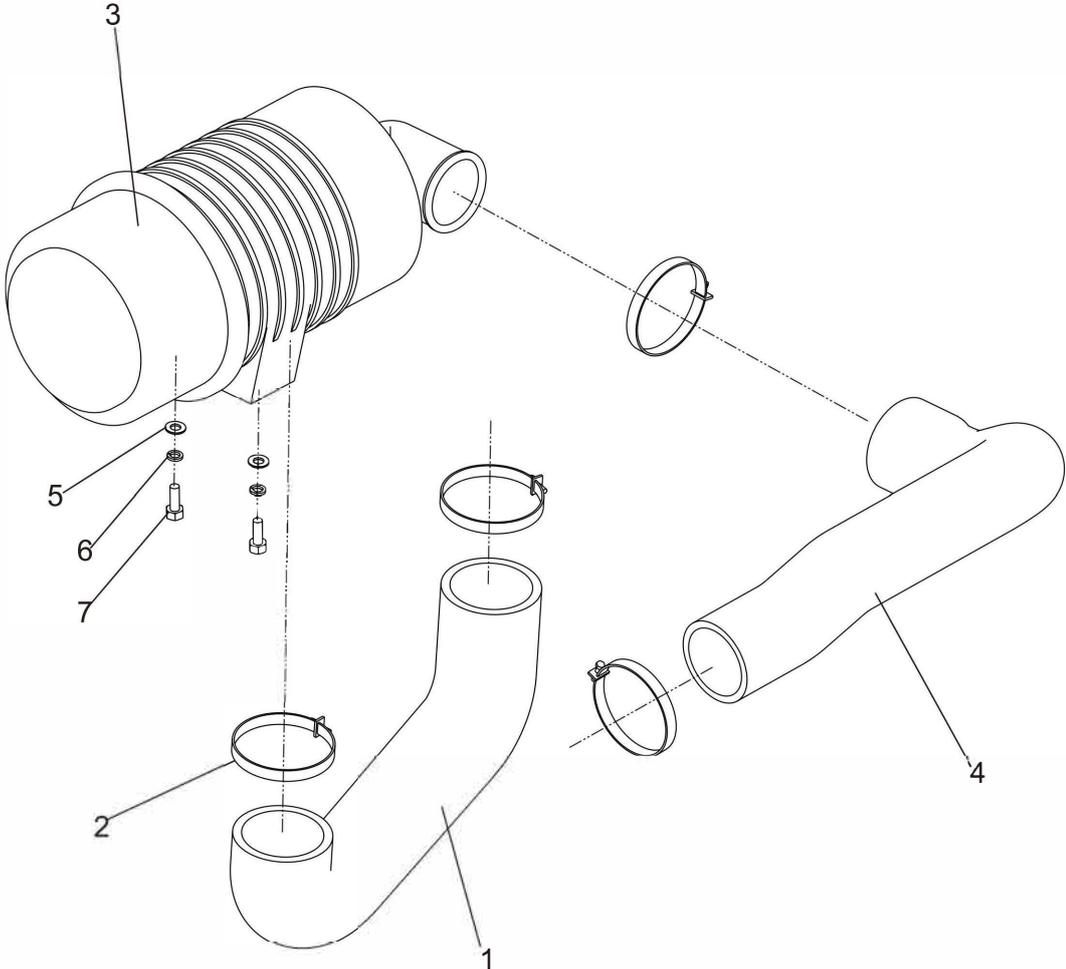
Engine mount

FY30/38-KMS4

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M10×110×30 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	A30BC5-11000	B3.3-C65T3 Engine	1	
10	GB/T5783	M10×30 Bolt	8	
11	GB/T93	10 Washer,lock	8	
12	GB/T97.1	10 Washer	8	
13	<b>A30BC5-10100L</b>	<b>Engine mount L.H.</b>	1	
14	<b>A30BC5-10100R</b>	<b>Engine mount R.H.</b>	1	
15	A30BC5-10002	Fan	1	
16	GB/T5783	M8×25 Bolt	4	
17	GB/T93	8 Washer,lock	8	
18	A30BC5-10003	Fan block	1	
19	GB/T5783	M8×35 Bolt	4	
20	A30BC5-10004	Charger stents	1	

---

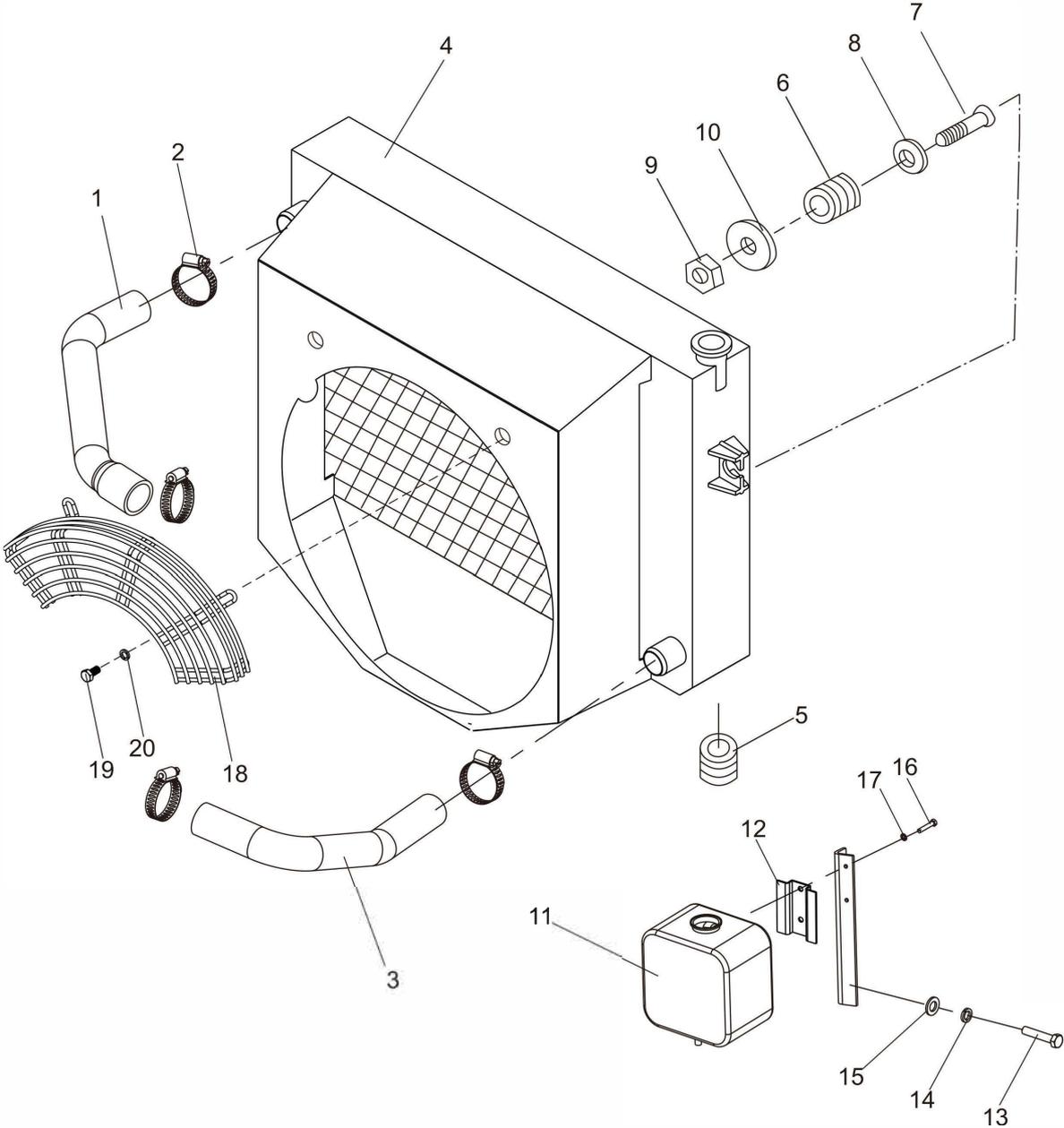
Air intake system



## Air intake system

Item	Part No	Description	Q'ty	Remark
1	A30PI5-10101	A Hose, intake air	1	FD30/38-X18/X19/X17/X2/X3/ X4/X10/X12/X13/X14/X25/X27 /X24/X28/KMS4
-	A30PK5-10101	A Hose, intake air	1	FD/Y30/38-W1/Y2/Y3/JH2/R2 /S2/S5/W2/D1/GQ1/2/3
-	A30D5-10102	A Hose, intake air	1	FD/Y30/38-Y2/Y3
-	A30PP5-10101	A Hose, intake air	1	FD30-YN1
2	JB/T8870	80×60 Clip	4	
3	A30A5-11200	Air cleaner	1	FD30/38-W1/W2/JH2/Y2/Y3 /S2/S5/D1
-	A30D5-10200	Air cleaner	1	FDY30/38-X18/X19/X17/X2/X3/X4 /X10/X12/X13/X14/X25/X27/X24/ X28/R2/YN1/GQ1/2/3
4	A30A5-11002	B Hose, intake air	1	FD30/38-X18/X19/X17/X2/X3/ X4/X10/X12/X13/X14/X25/X27 /X25/X28
-	A30D5-10101	B Hose, intake air	1	FD30-W1
-	A30HG5-11001	B Hose, intake air	1	FD30/38-Y2/Y3
-	A30E5-10101	B Hose, intake air	1	FY30/38-R2
-	A30M5-11002	B Hose, intake air	1	FD30-JH2
-	A30BC5-10001	B Hose, intake air	1	FD30/38-KMS4
-	A30PP5-10102	B Hose, intake air	1	FD30-YN1
-	A30G5-10101	B Hose, intake air	1	FD30/38-W2
-	A30BA5-10301	B Hose, intake air	1	FD30/38-S2/S5
-	A35A5-11001	B Hose, intake air	1	FD30/38-D1
-	A30S5-10201	B Hose, intake air	1	FY30/38-GQ1/2/3
5	GB/T97.1	8 Washer	2	
6	GB/T93	8 Washer,lock	2	
7	GB/T5783	M8×20 Bolt	2	

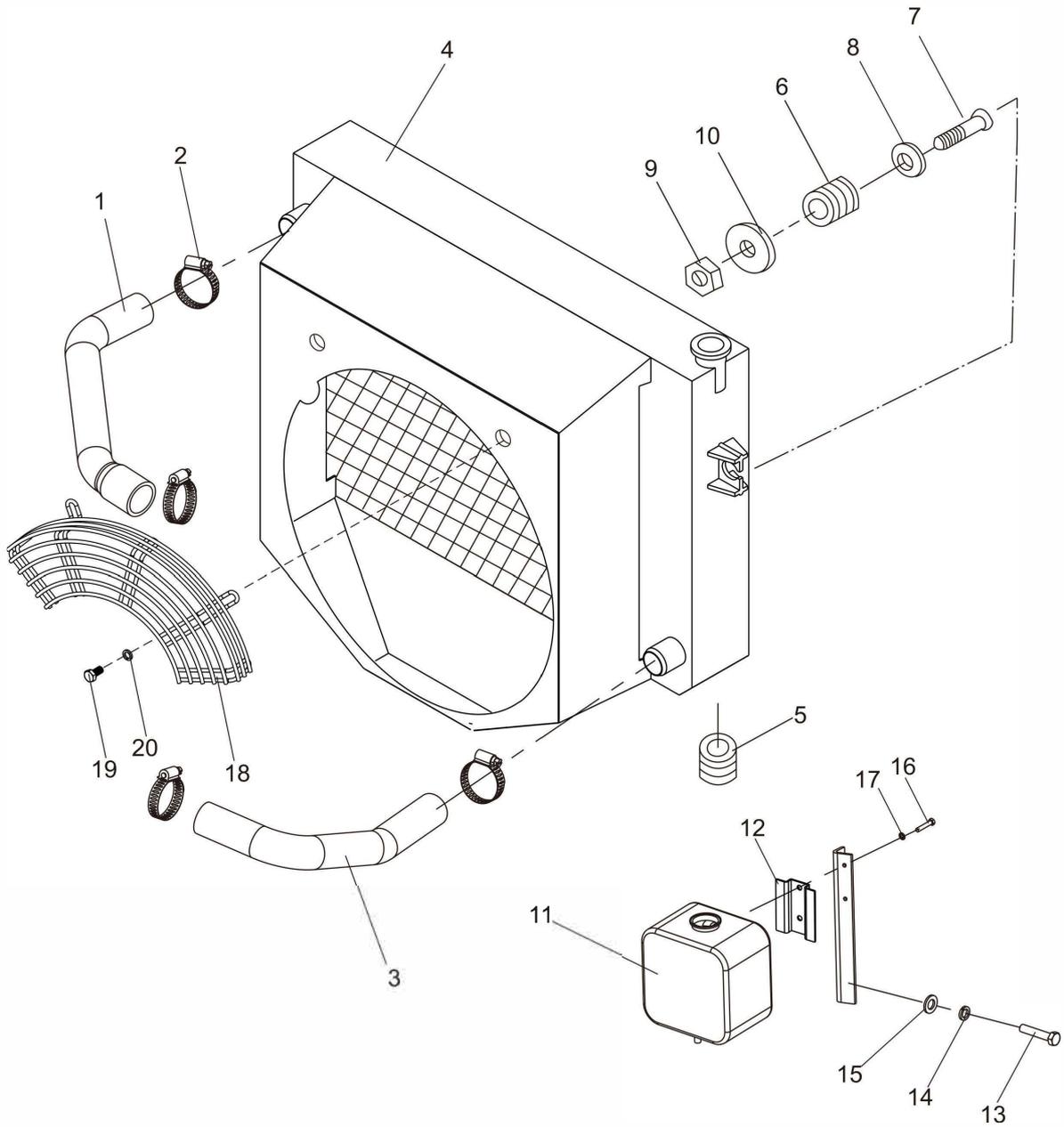
# Cooling system



## Cooling system

Item	Part No	Description	Q'ty	Remark
1	A30A5-40001	Hose rubber	1	FD/Y30/38-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D5-40001	Hose rubber	1	FD30-W1
-	A30G5-40002	Hose rubber	1	FD30/38-W2
-	A30E5-40002	Hose rubber	1	FY30/38-R2
-	A30H5-40001	Hose rubber	1	FD30/38-Y2/Y3
-	A30M5-40001	Hose rubber	1	FD30-JH2
-	A30BC5-40002	Hose rubber	1	FD30-KMS4
-	A30PD5-40001	Hose rubber	1	FD30/38-S2/S5
-	A35A5-40001	Hose rubber	1	FD30/38-D1
-	A30S5-40002	Hose rubber	1	FY30/38-GQ1/2/3
2	JB/T8870	50×32 Clip	4	
3	A30A5-40002	Hose rubber	1	FD/Y30/38-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D5-40002	Hose rubber	1	FD30-W1
-	A30G5-40001	Hose rubber	1	FD30/38-W2
-	A30E5-40001	Hose rubber	1	FY30/38-R2
-	A30H5-40002	Hose rubber	1	FD30/38-Y2/Y3
-	A30M5-40002	Hose rubber	1	FD30-JH2
-	A30BC5-40001	Hose rubber	1	FD30-KMS4
-	A30BA5-40002	Hose rubber	1	FD30/38-S2/S5
-	A35A5-40002	Hose rubber	1	FD30/38-D1
-	A30S5-40003	Hose rubber	1	FY30/38-GQ1/2/3
4	A30A5-40200	Radiator	1	FD30/38MT-X18/X19/X17/X2/X3/X4/X10/X12/X13/X25/X27/X24/X28
-	A30A5-40400	Radiator	1	FD30/38MT-X14
-	A30B5-40200	Radiator	1	FD30/38AT-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28
-	A30T5-40100	Radiator	1	FD30-W1
-	A30PU5-40100	Radiator	1	FD30/38-W2

# Cooling system

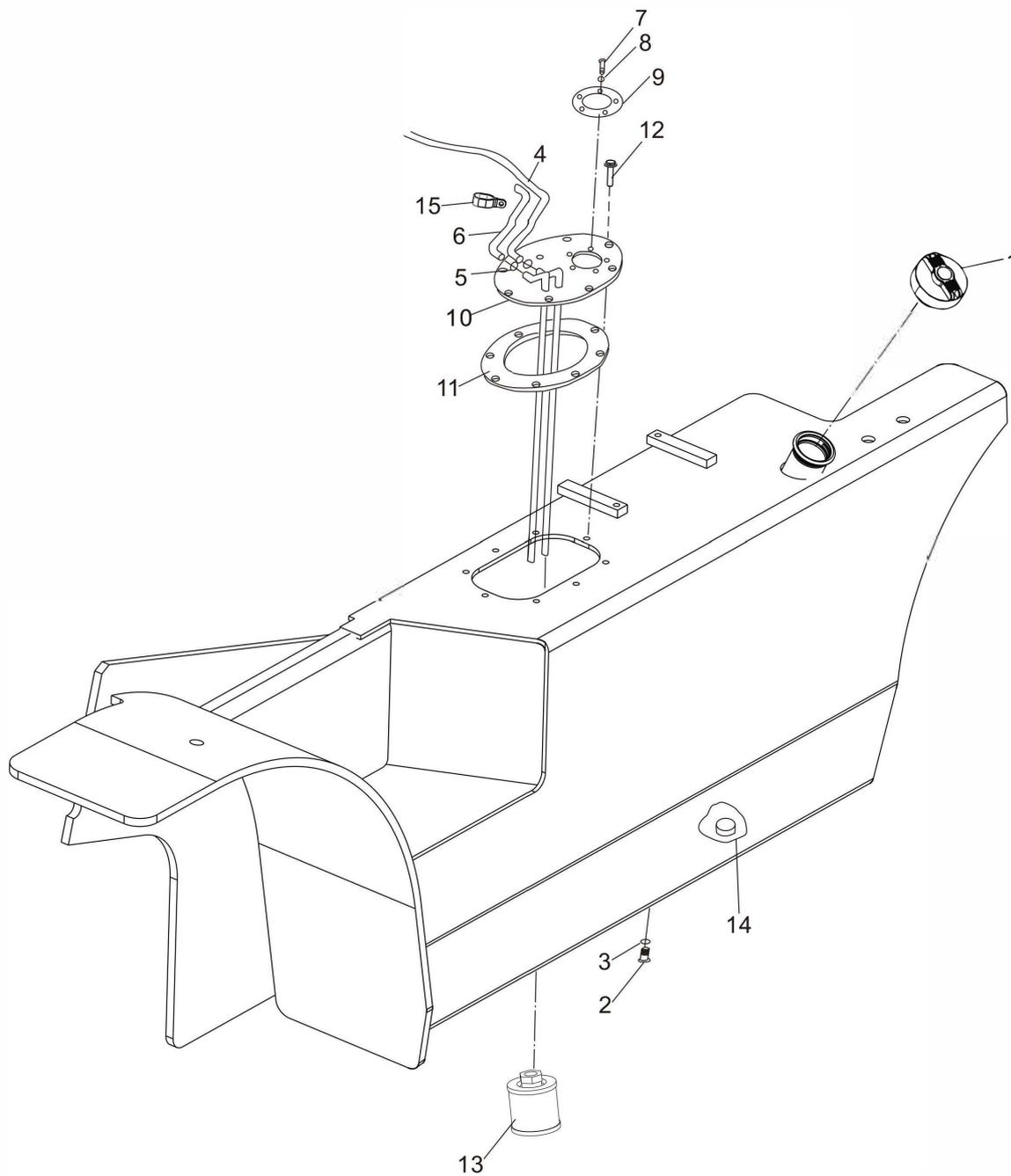


## Cooling system

Item	Part No	Description	Q'ty	Remark
-	A30E5-40200	Radiator	1	FY30/38-R2低风扇
-	A30E5-40400	Radiator	1	FY30/38-R2高风扇
-	A30HG5-40100	Radiator	1	FD30/38-Y2/Y3
-	A30M5-40200	Radiator	1	FD30-JH2
-	A30PP5-40100	Radiator	1	FD30-YN1
-	A30PE5-40100	Radiator	1	FD30-KMS4
-	A30PD5-40200	Radiator	1	FD30/38-S2/S5
-	A35B5-40200	Radiator	1	FD30/38-D1
-	A30S5-40800	Radiator	1	FY30/38-GQ1/2/3
5	<b>A30A5-40003</b>	<b>I Rubber</b>	2	
6	<b>A30A5-40004</b>	<b>II Rubber</b>	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	<b>A30I5-40100</b>	<b>Auxiliary radiator</b>	1	
12	<b>A30I5-40101</b>	<b>Auxiliary radiator bracket</b>	1	
13	GB/T5783	M6×15 Bolt	2	
14	GB/T93	6 Washer,lock	2	
15	GB/T97.1	6 Washer	2	
16	GB/T5783	M8×15 Bolt	2	
17	GB/T93	8 Washer,lock	2	
18	A30E5-40110	Fan retainer	1	
-	A30BC5-40210	Fan retainer	1	
19	GB/T5783	M8×16 Bolt	2	
20	GB/T93	8 Washe, lock	2	

---

Fuel system    FD30/38-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/  
X25/X27/X24/X28/YN1/S2/S5/D1

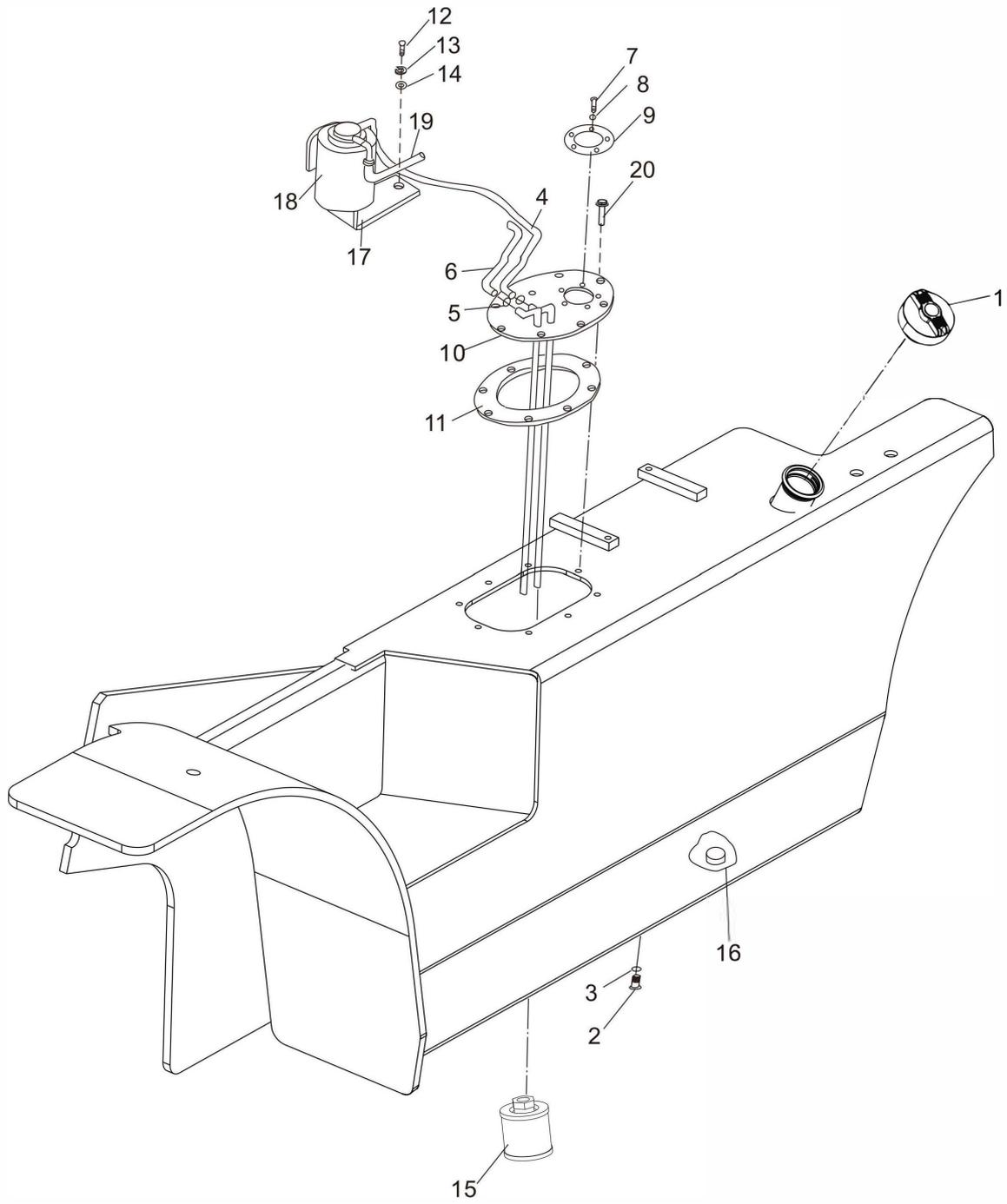


Fuel system FD30/38-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/  
X25/X27/X24/X28/YN1/S2/S5/D1

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug,drain	1	
3	A30A4-50004	ED26 Washer	1	
4	TG000-10110	φ 10×1100 Tube	1	FD30/38-X18/X19/X17/ X2/X3/X4/X10/X12/X13 /X14/S2/S5/D1
-	TG000-10120	φ 10×1200 Tube	1	FD30/38-X25/X27/X24 /X28/YN1
5	JB/T8870	16×10 Clip	4	
6	TG000-10148	φ 10×1480 Tube	1	
7	GB/T818	M5×12 Bolt	5	
8	GB/T93	5 Washer,lock	5	
9	A30A5-30002	Packing	1	
10	A30PI5-30200	Plate	1	
11	A30A5-30006	Packing	1	
12	GB/T16674.1	M8×16 Bolt	8	
13	A30A5-30400	Diesel Filter	1	
14	A30A4-50003	Magnet	1	
15	D30A1-11008	5 Clip	2	

Fuel system

FD30/38-W1/W2/JH2



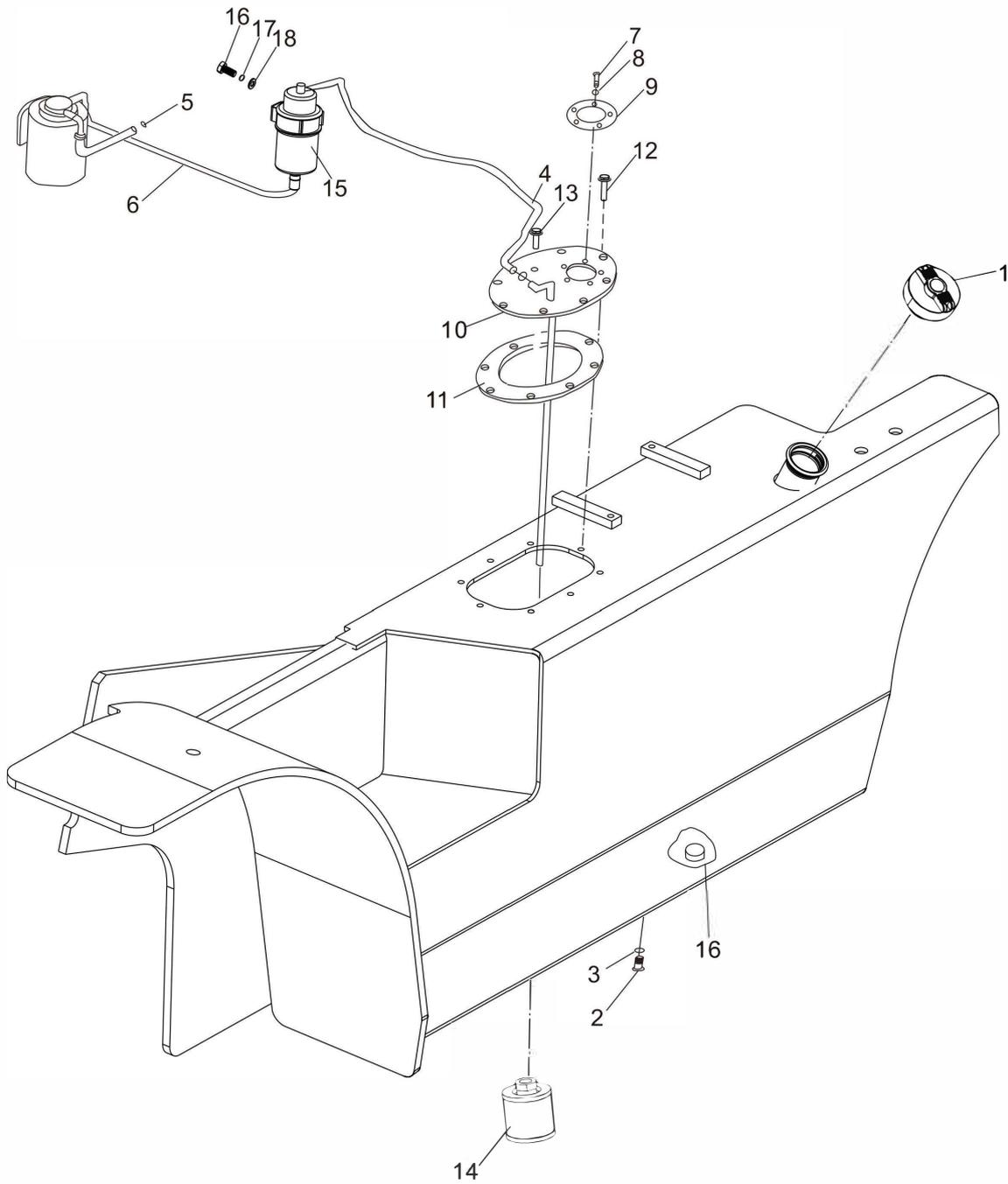
## FD30/38-W1/W2/JH2

## Fuel system

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug, drain	1	
3	A30A4-50004	ED26 Washer	1	
4	TG000-10050	$\phi 10 \times 500$ Tube	1	FD30/38-W1/W2
-	TG000-10100	$\phi 10 \times 1000$ Tube	1	FD30-JH2
5	JB/T8870	16 $\times$ 10 Clip	6	
6	TG000-10080	$\phi 10 \times 800$ Tube	1	FD30/38-W1/W2
-	TG000-10150	$\phi 10 \times 1500$ Tube	1	FD30-JH2
7	GB/T818	M5 $\times$ 12 Bolt	5	
8	GB/T93	5 Washer, lock	5	
9	A30A5-30002	Packing	1	
10	A30PI5-30200	Plate	1	
11	A30A5-30006	Packing	1	
12	GB/T5783	M8 $\times$ 25 Bolt	2	
13	GB/T93	8 Washer, lock	2	
14	GB/T97.1	8 Washer	2	
15	A30A5-30400	Diesel Filter	1	
16	A30A4-50003	Magnet	1	
17	A30A5-30007	Bracket	1	FD30/38-W1/W2
-	A30A5-30004	Bracket	1	FD30-JH2
18	A30D5-30100	Sedimenter	1	FD30/38-W1/W2
-	A30A5-30300	Sedimenter	1	FD30-JH2
19	TG000-10060	$\phi 10 \times 600$ Tube	1	FD30/38-W1/W2
-	TG000-10090	$\phi 10 \times 900$ Tube	1	FD30-JH2
20	GB/T16674.1	M8 $\times$ 16 Bolt	8	

Fuel system

FY30/38-R2/GQ1/2/3



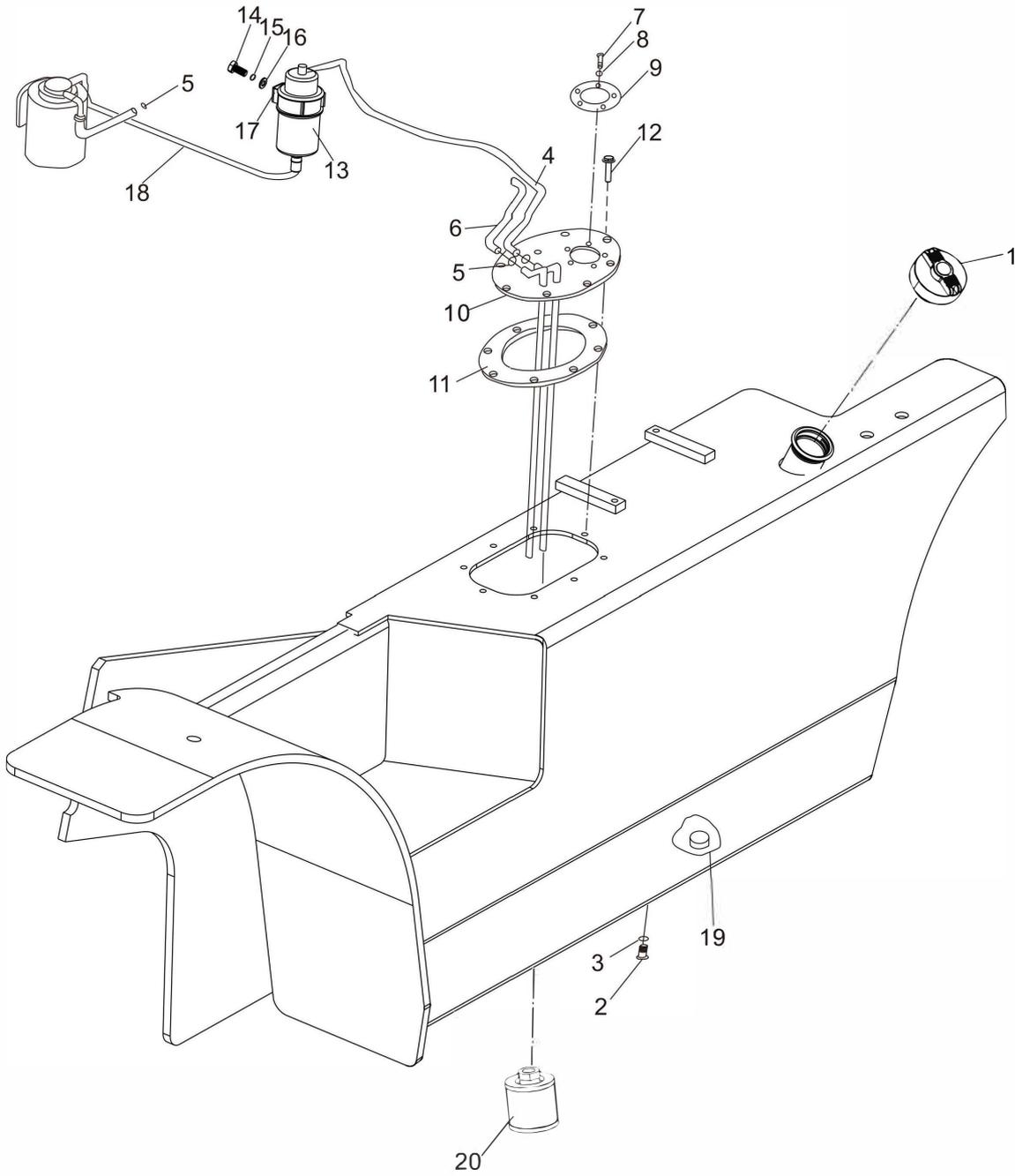
## FY30/38-R2/GQ1/2/3

## Fuel system

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug,drain	1	
3	A30A4-50004	ED26 Washer	1	
4	TG000-10034	$\phi 8 \times 340$ Tube	1	
5	JB/T8870	16 $\times$ 10 Clip	4	
6	TG000-10024	$\phi 8 \times 240$ Tube	1	
7	GB/T818	M5 $\times$ 12 Bolt	5	
8	GB/T93	5 Washer,lock	5	
9	A30A5-30002	Packing	1	
10	A30PZ5-30100	Plate	1	
11	A30A5-30006	Packing	1	
12	GB/T16674.1	M8 $\times$ 16 Bolt	8	
13	A30A5-30400	Diesel Filter	1	
14	A30E5-30200	Fuel Filter	1	
15	A30A4-50003	Magnet	1	
16	GB/T5783	M6 $\times$ 12 Bolt	2	
17	GB/T93	6 Washer, lock6	2	
18	GB/T97.1	Washer	2	

Fuel system

FD30/38-Y2/Y3



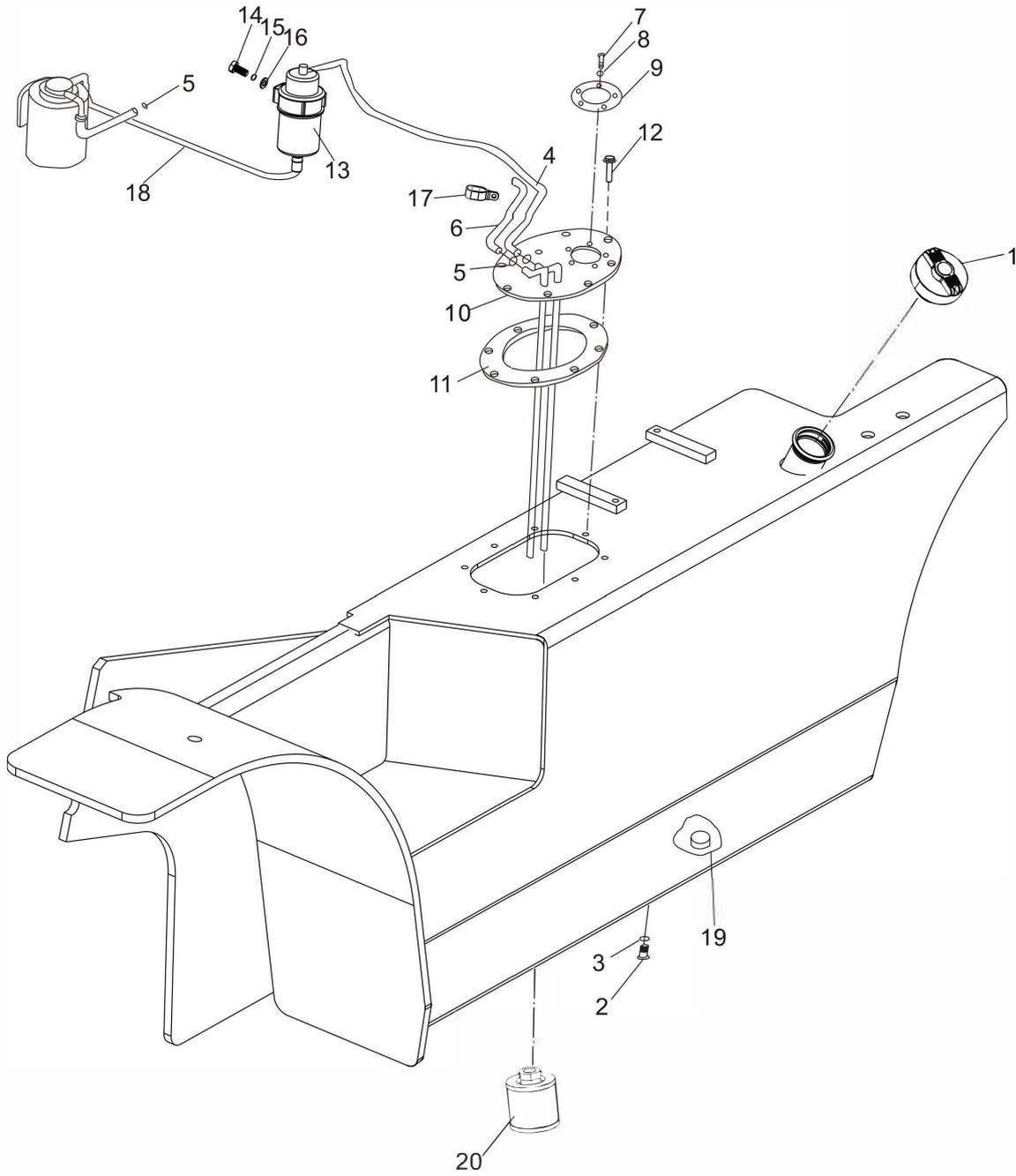
## FD30/38-Y2/Y3

## Fuel system

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug,drain	1	
3	A30A4-50004	ED26 Washer	1	
4	TG000-10020	$\phi 10 \times 200$ Tube	1	
5	JB/T8870	16 $\times$ 10 Clip	6	
6	TG000-10050	$\phi 10 \times 500$ Tube	1	
7	GB/T818	M5 $\times$ 12 Bolt	5	
8	GB/T93	5 Washer,lock	5	
9	A30A5-30002	Packing	1	
10	A30PI5-30200	Plate	1	
11	A30A5-30006	Packing	1	
12	GB/T5787	M8 $\times$ 25 Bolt	8	
13	A30H5-30100	Fuel Filter	1	
14	GB/T5783	M8 $\times$ 16 Bolt	1	
15	GB/T93	8 Washer, lock8	1	
16	GB/T97.1	Washer	1	
17	A30H5-30001	Clip	1	
18	TG000-10025	$\phi 10 \times 250$ Tube	1	
19	A30A4-50003	Magnet	1	
20	A30A5-30400	Diesel Filter	1	

Fuel system

FD30/38-KMS4



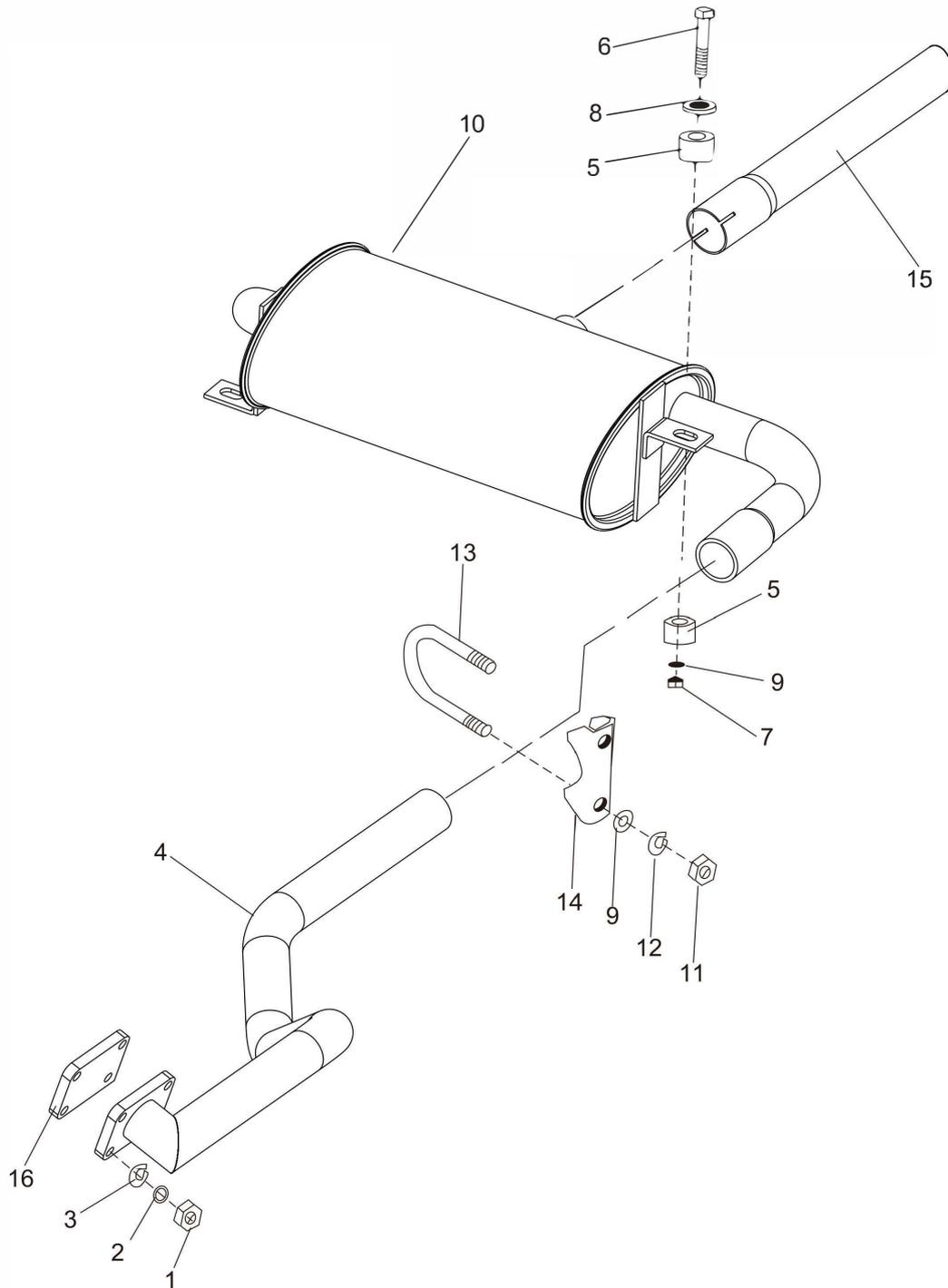
## FD30/38-KMS4

## Fuel system

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug,drain	1	
3	A30A4-50004	ED26 Washer	1	
4	TG000-08065	$\phi 8 \times 650$ Tube	1	
5	JB/T8870	16 $\times$ 10 Clip	6	
6	TG000-08135	$\phi 8 \times 1350$ Tube	1	
7	GB/T818	M5 $\times$ 12 Bolt	5	
8	GB/T93	5 Washer,lock	5	
9	A30A5-30002	Packing	1	
10	A30PI5-30200	Plate	1	
11	A30A5-30006	Packing	1	
12	GB/T5787	M8 $\times$ 25 Bolt	8	
13	A50A5-30200	Fuel Filter	1	
14	GB/T5783	M6 $\times$ 12 Bolt	2	
15	GB/T93	6 Washer, lock	2	
16	GB/T97.1	6 Washer	2	
17	D30A1-11008	5 Clip	2	
18	TG000-08070	$\phi 8 \times 700$ Tube	1	
19	A30A4-50003	Magnet	1	
20	A30A5-30400	Diesel Filter	1	

---

## Exhaust system

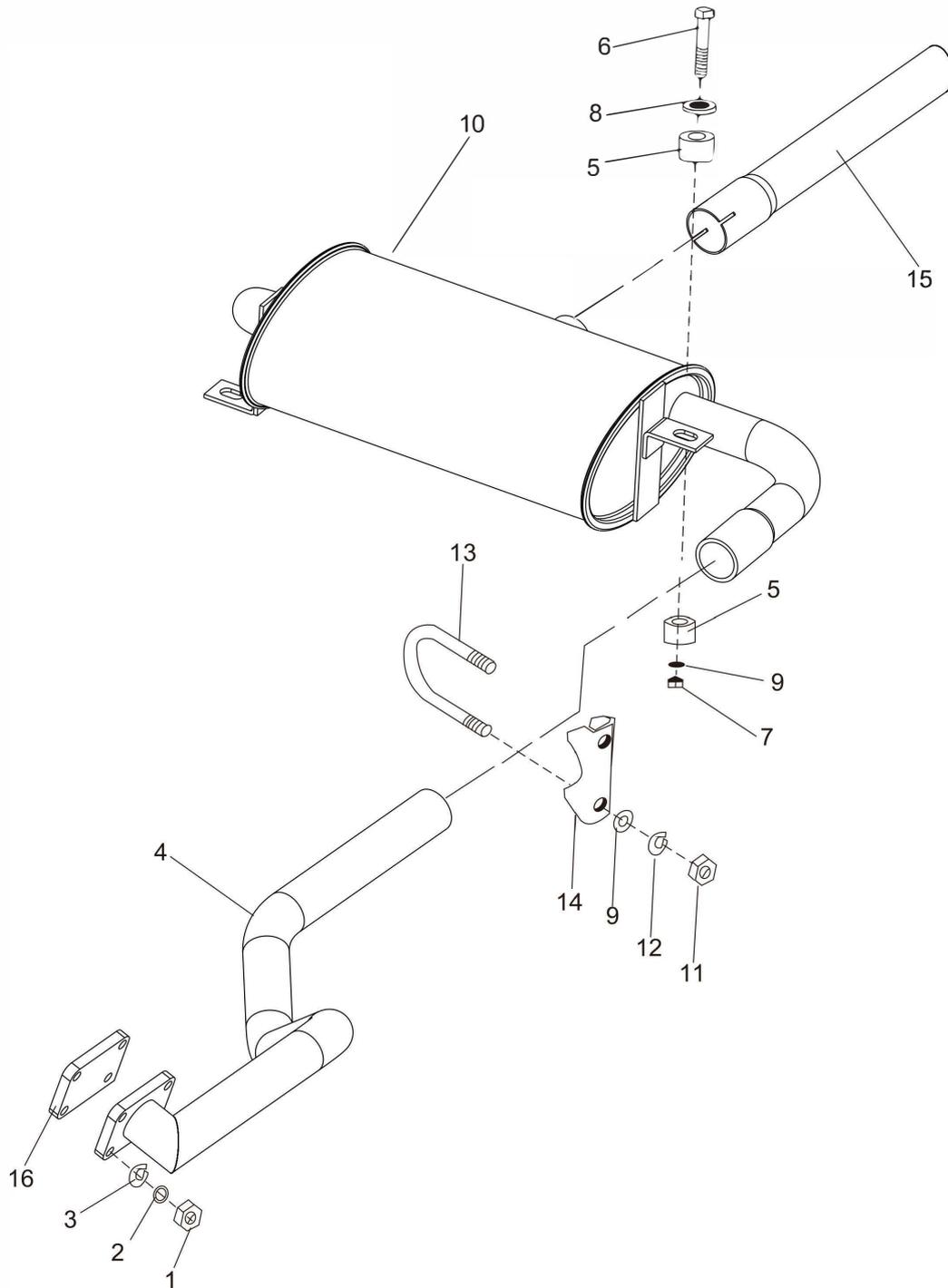


## Exhaust system

Item	Part No	Description	Q'ty	Remark
1	GB/T6170	M8 Nut	4	
2	GB/T97.1	8 Washer	4	
3	GB/T93	8 Washer,Lock	4	
4	A30A5-20100	Pipe	1	FD30/38-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D5-20100	Pipe	1	FD30-W1
-	A30PU5-20100	Pipe	1	FD30/38-W2
-	A30M5-20100	Pipe	1	FD30-JH2
-	A30PH5-20100	Pipe	1	FD30/38-Y2/Y3
-	A30E5-20100	Pipe	1	FY30/38-R2
-	A30BC5-20100	Pipe	1	FD30/38-KMS4
-	A30BA5-20100	Pipe	1	FD30/38-S2/S5
-	A30K5-20400	Pipe	1	FD30/38-D1
-	A30S5-20100	A Pipe	1	FY30/38-GQ1/2/3
-	A30S5-20200	B Pipe	1	FY30/38-GQ1/2/3
5	A30A5-20001	Rubber	4	
6	A30A5-20002	Bolt	2	
7	GB/T889.1	M8 Nut	2	
8	A30A5-20003	Plate	2	
9	GB/T96	8 Washer	4	
10	A30P5-20100	Muffler	1	FD30/38-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/JH2/X25/X27/X24/X28/YN1/W2/S2/S5
-	A30Z5-20100	Muffler	1	FD/Y30/38-W1/Y2/Y3/R2/D1/GQ1/2/3
-	A30PE5-20100	Muffler	1	FD30/38-KMS4
-	A30P5-20300	Muffler	1	
-	A30P5-20400	Muffler	1	
11	GB/T6170	M8 Nut	2	
12	GB/T93	8 Washer,Lock	2	
13	A30A5-20201	U-Bolt	1	

---

## Exhaust system



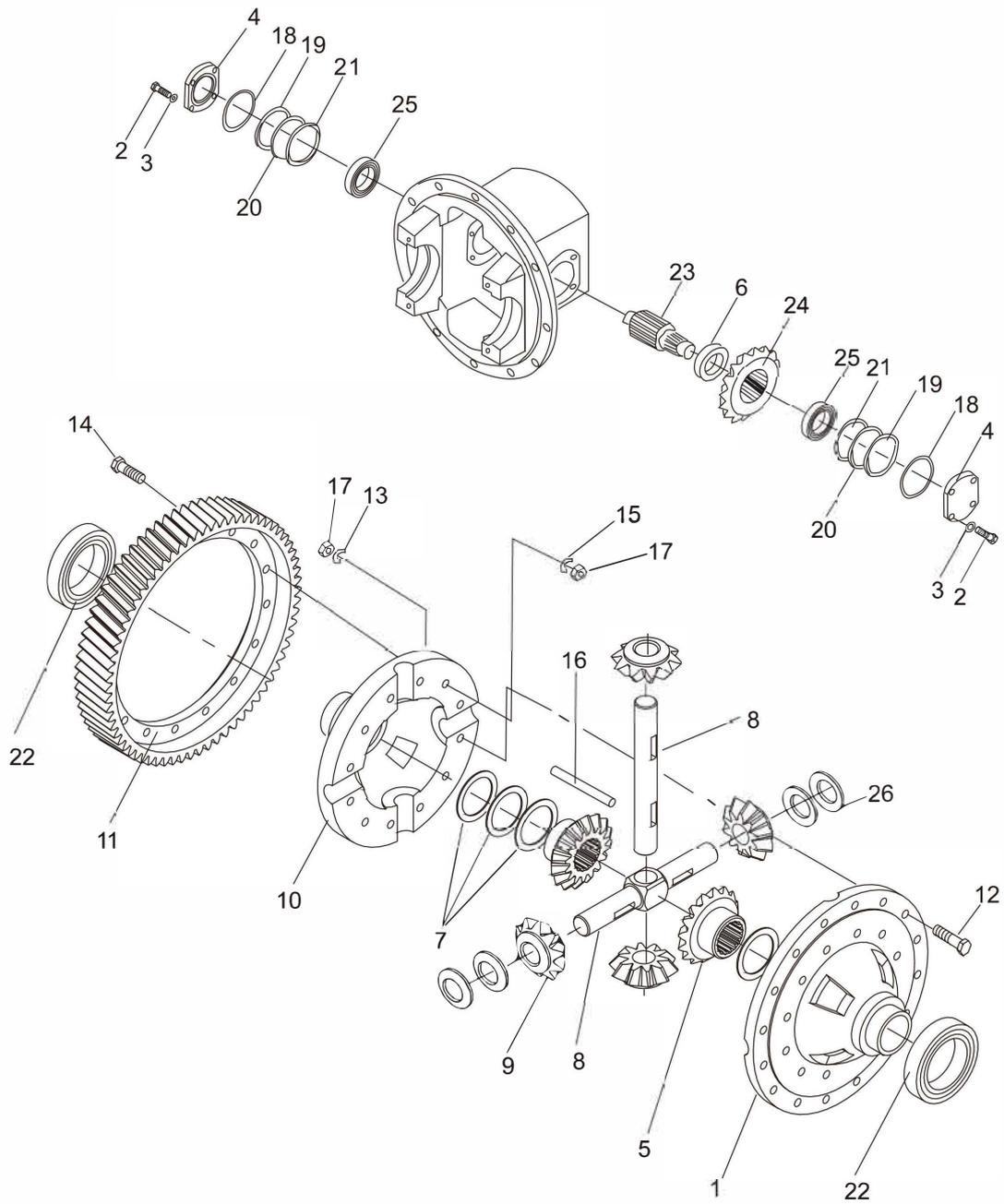
## Exhaust system

Item	Part No	Description	Q'ty	Remark
-	A30BC5-20301	U-Bolt	1	FD30/38-KMS4
14	A30A5-20202	U-Stopper	1	
-	A30BC5-20302	U-Stopper	1	FD30/38-KMS4
15	A30P5-20103	Pipe	1	
-	A30PE5-20101	Pipe	1	FD30/38-KMS4
16	A30D5-20300	Plate	1	FD30-W1
-	A30M5-20300	Plate	1	FD30-JH2
-	A30H5-20200	Plate	1	FD30/38-Y2/Y3
-	A30K5-20100	Plate	1	FD30/38-D1

---

## B. DRIVING SYSTEM

# Differential

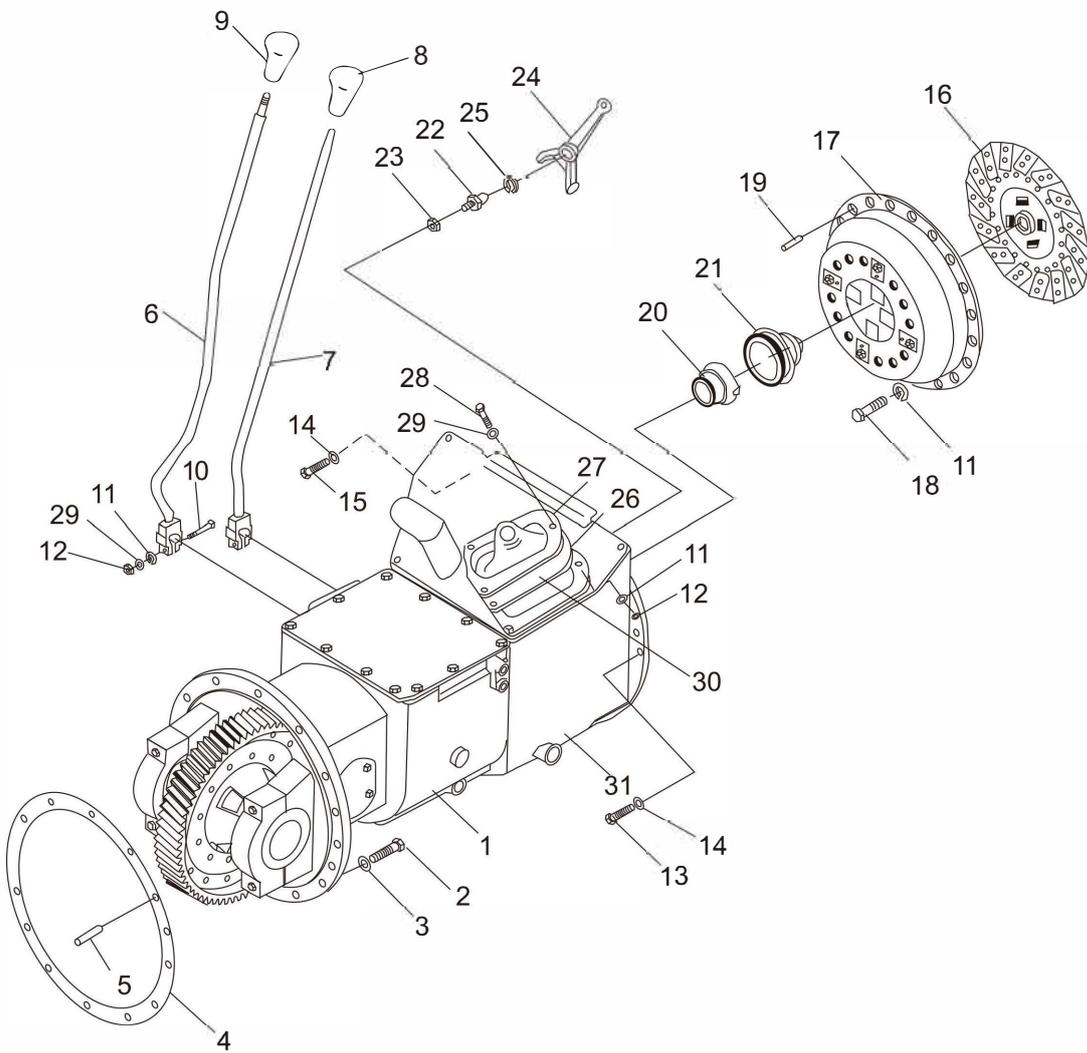


## Differential

Item	Part No	Description	Q'ty	Remark
1	A30A5-02701	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	A30A5-02703	Gear, side	2	
6	A30A5-02704	Spacer	1	
7	A30A5-02705	Washer	2	
-	A30A5-02706	Washer	2	
-	A30A5-02707	Washer	2	
8	A30A5-02708	Shaft, pinion	1	
-	A30A5-02709	Shaft, pinion	1	
9	A30A5-02710	Gear, Pinion	4	
10	A30A5-02711	Case, cross R. H	1	
11	A30A5-02712	Gear, ring	1	
12	A30A5-02713	Bolt	12	
13	A30A5-02714	Washer, lock	8	
14	A30A5-02715	Bolt	16	
15	A30A5-02716	Plate, lock	8	
16	GB/T119.1	d6×30 Pin parallel	2	
17	GB/T6171	M10×1.25 Nut	28	
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	213 Bearing	2	
23	A30A5-02720	Shaft, final pinion gear	1	
24	A30A5-02721	Gear, spiral vevel	1	
25	GB/T297	7507 Bearing	2	
26	A30A5-02722	Washer, thrust	4	

---

# Drive unit mount (clutch type)

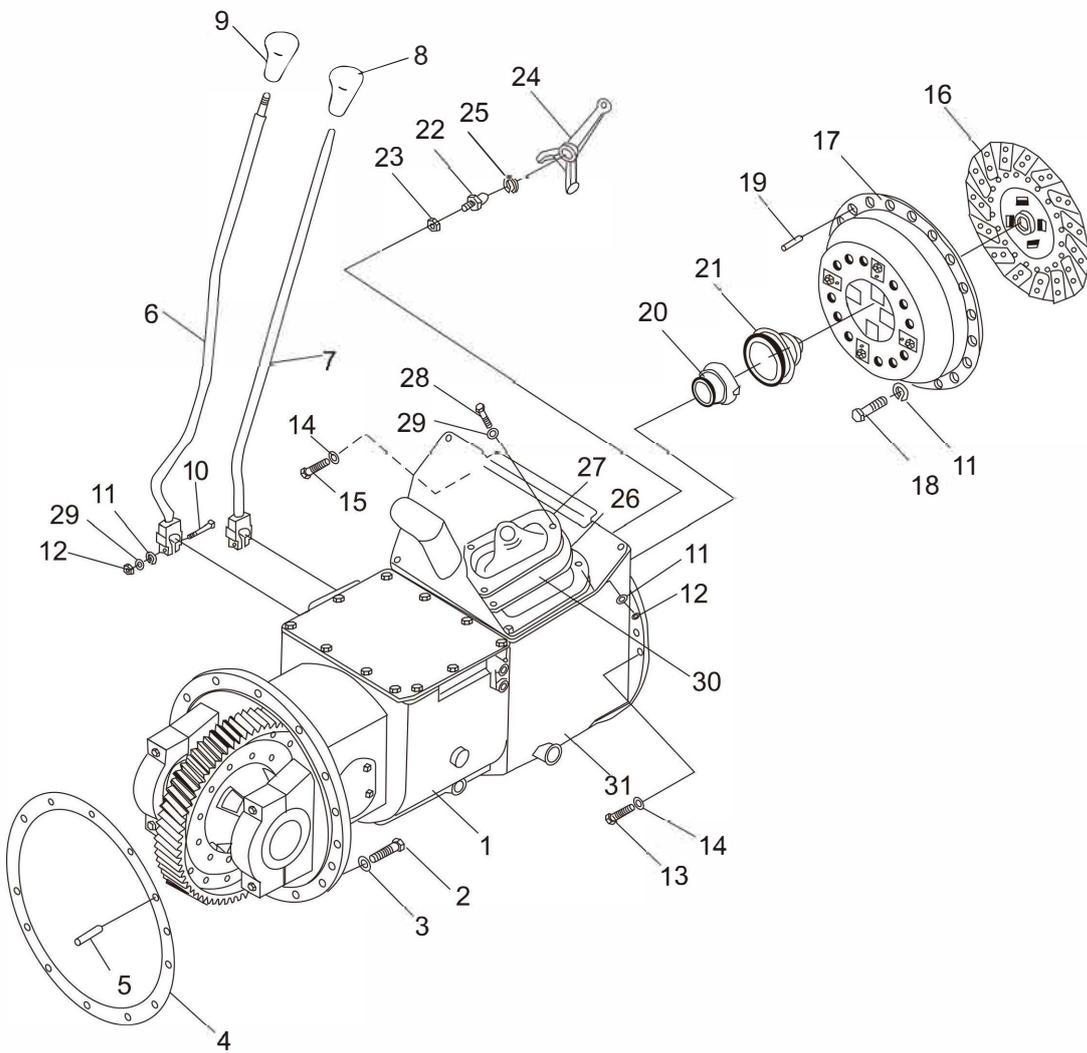


## Drive unit mount (clutch type)

Item	Part No	Description	Q'ty	Remark
1	A30A5-02200	Drive unit	1	FD30/38MT-X18/X19/X17/ X2/X3/X4/X10/X12/X13/X14/ X25/X27/X24/X28/YN1
2	GB/T5786	M12×1.25×35 Bolt	12	
3	GB/T93	12 Washer, lock	12	
4	A30A5-02001	Packing	1	
5	GB/T119.1	B10×20 Pin, parallel	1	
6	A30A5-02300	Lever, speed change	1	
7	A30A5-02400	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	15	
12	GB/T6170	M8 Nut	5	
13	GB/T5783	M10×40 Bolt	7	
14	GB/T93	10 Washer, lock	9	
15	GB/T5783	M10×35 Bolt	2	
16	A30A5-04000	Clutch disc Ass'y	1	
17	A30A5-03000	Clutch cover	1	
18	GB/T5783	M8×20 Bolt	12	
19	GB/T119.1	B6×12 Pin, parallel	2	
20	A30A5-00001	Retainer, bearing	1	

---

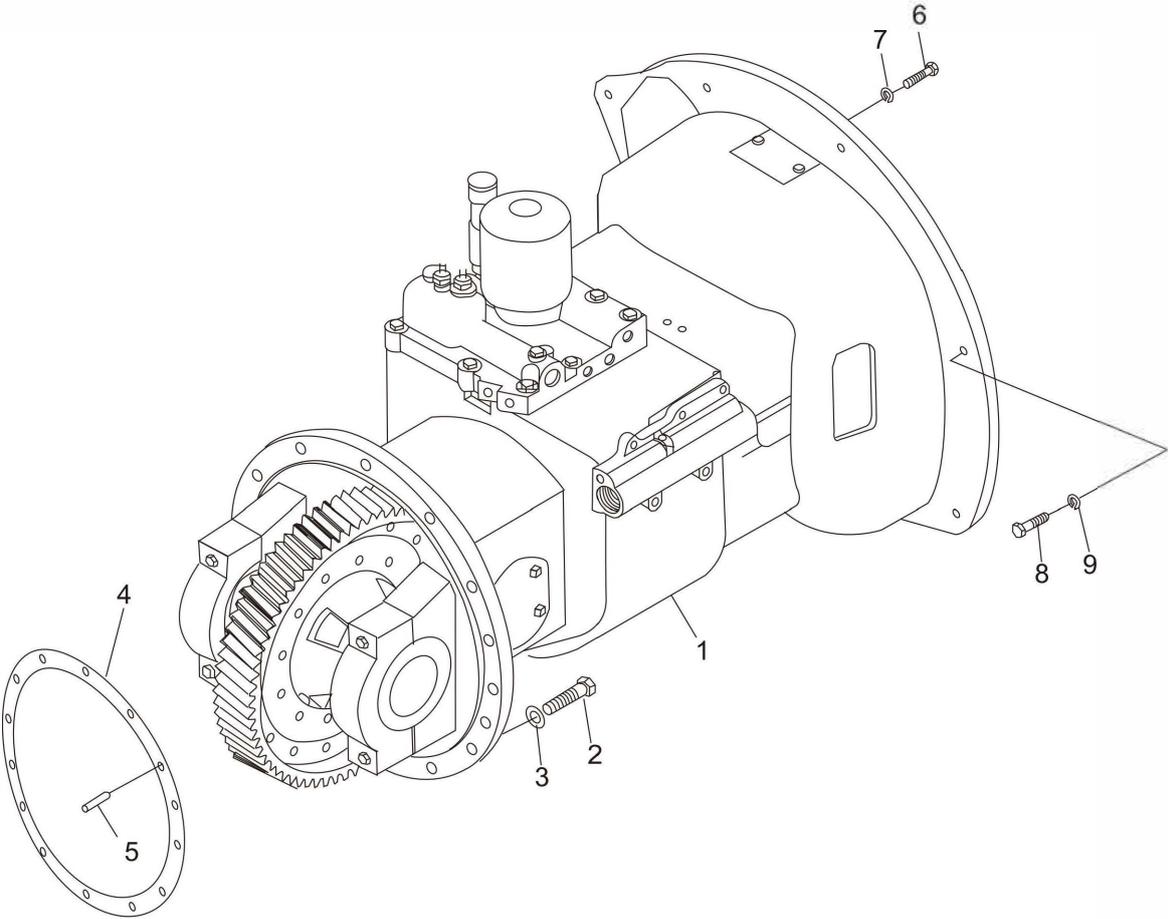
# Drive unit mount (clutch type)



## 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	5	
30	A30A5-02009	Packing	1	
31	A30A5-02002	Clutch housing	1	

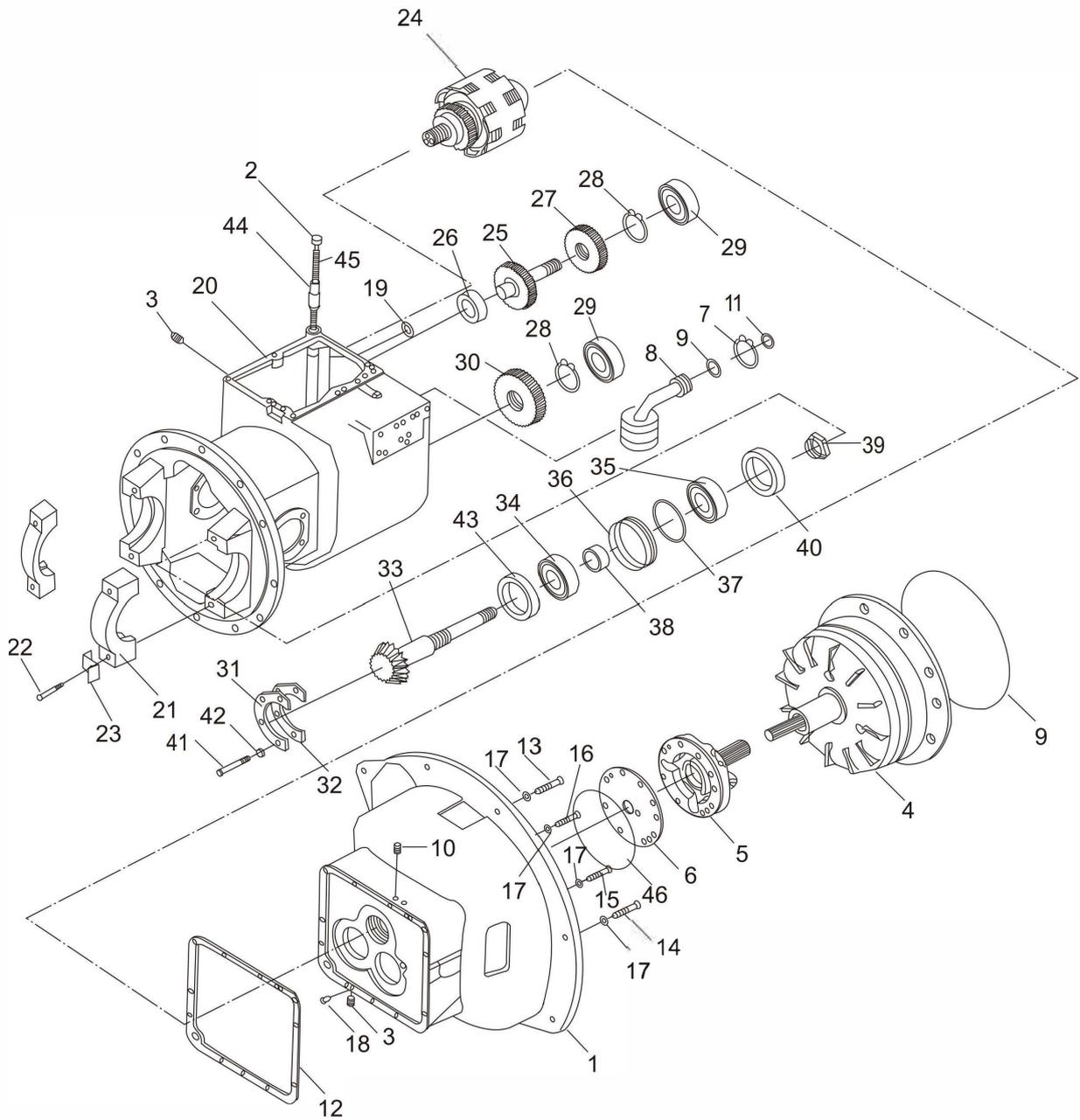
Drive unit mount (tor-con type)



## Drive unit mount (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30B5-02000	Drive unit	1	FD30/38AT-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1/D1
-	A30B5-03000	Drive unit	1	FD30/38AMT-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1/D1
-	A30D5-00100	Drive unit	1	FD30/38AT-W1/W2/Y2/Y3/JH2/KMS4/S2/S5
-	A30D5-00200	Drive unit	1	FD30/38AMT-W1/W2/Y2/Y3/JH2/KMS4/S2/S5
-	A30E5-00100	Drive unit	1	FY30/38AT-R2
-	A30E5-00200	Drive unit	1	FY30/38AMT-R2
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	

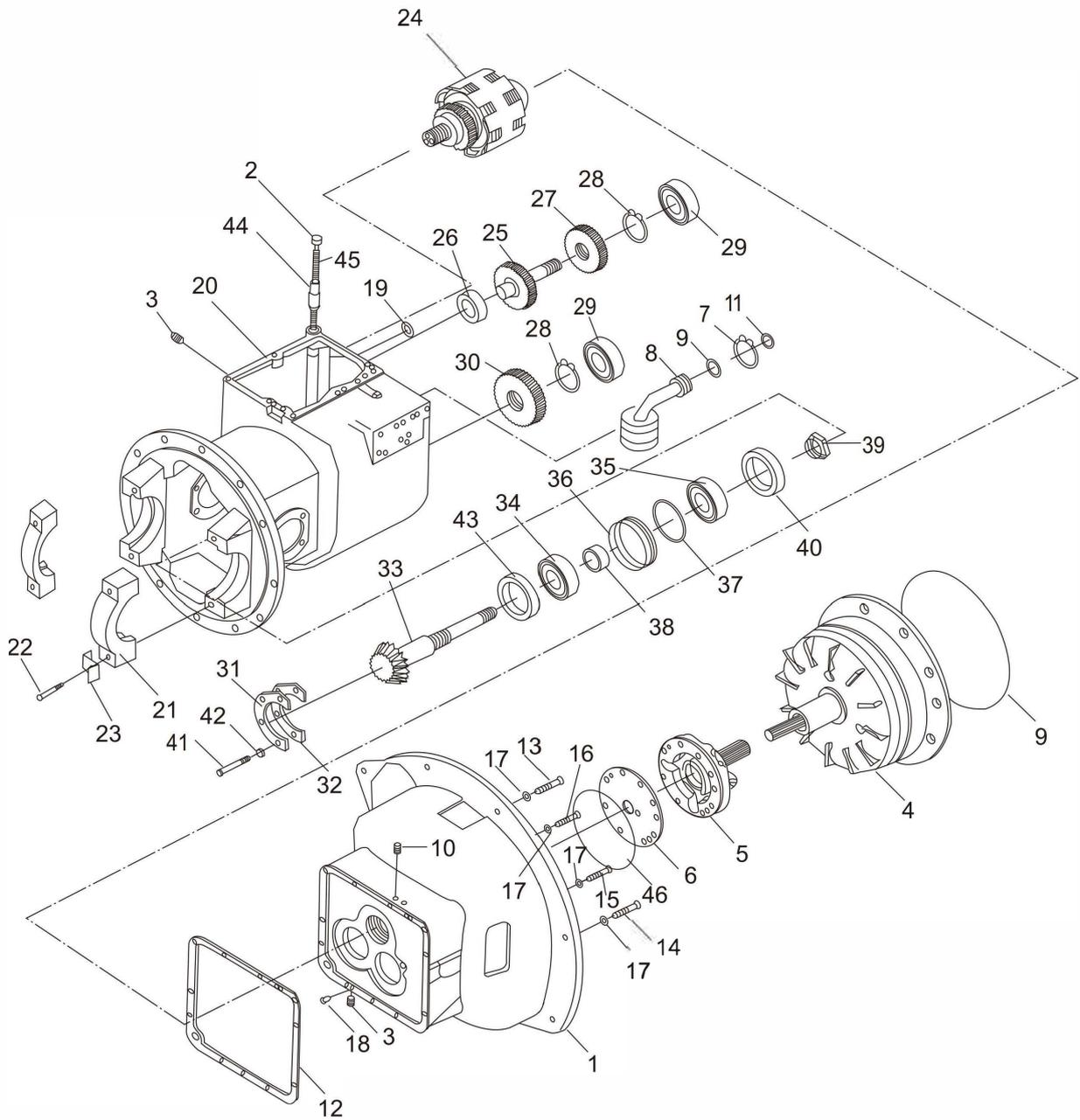
# Drive unit (tor-con type)



## Drive unit (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30B5-02001	Case, tor-con	1	FD30/38-X18/X19/X17/X2/X3 /X4/X10/X12/X13/X14/X25/X27/ X24/X28/Y/N1/D1
-	A30D5-00101	Case, tor-con	1	FD30/38-W1/W2/Y2/Y3/ JH2/KMS4/S2/S5
-	A30E5-00101	Case, tor-con	1	FY30/38-R2
2	A30B5-02002	Cap	1	
3	Q/Z285-4	1/2 " Plug	4	
4	A30B5-02100	Tor-xon ass'y	1	FD30/38-X18/X19/X17/X2/X3 /X4/X10/X12/X13/X14/X25/X27/ X24/X28/Y/N1/D1
-	A30D5-00110	Tor-xon ass'y	1	FD30/38-W1/W2/Y2/Y3/ JH2/KMS4/S2/S5
-	A30E5-00110	Tor-xon ass'y	1	FY30/38-R2
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	1/4 " 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/T1235	15×2.4 O-ring	1	
20	A30B5-02006	Case, mission	1	
21	A30B5-02007	Cap, bearing	2	

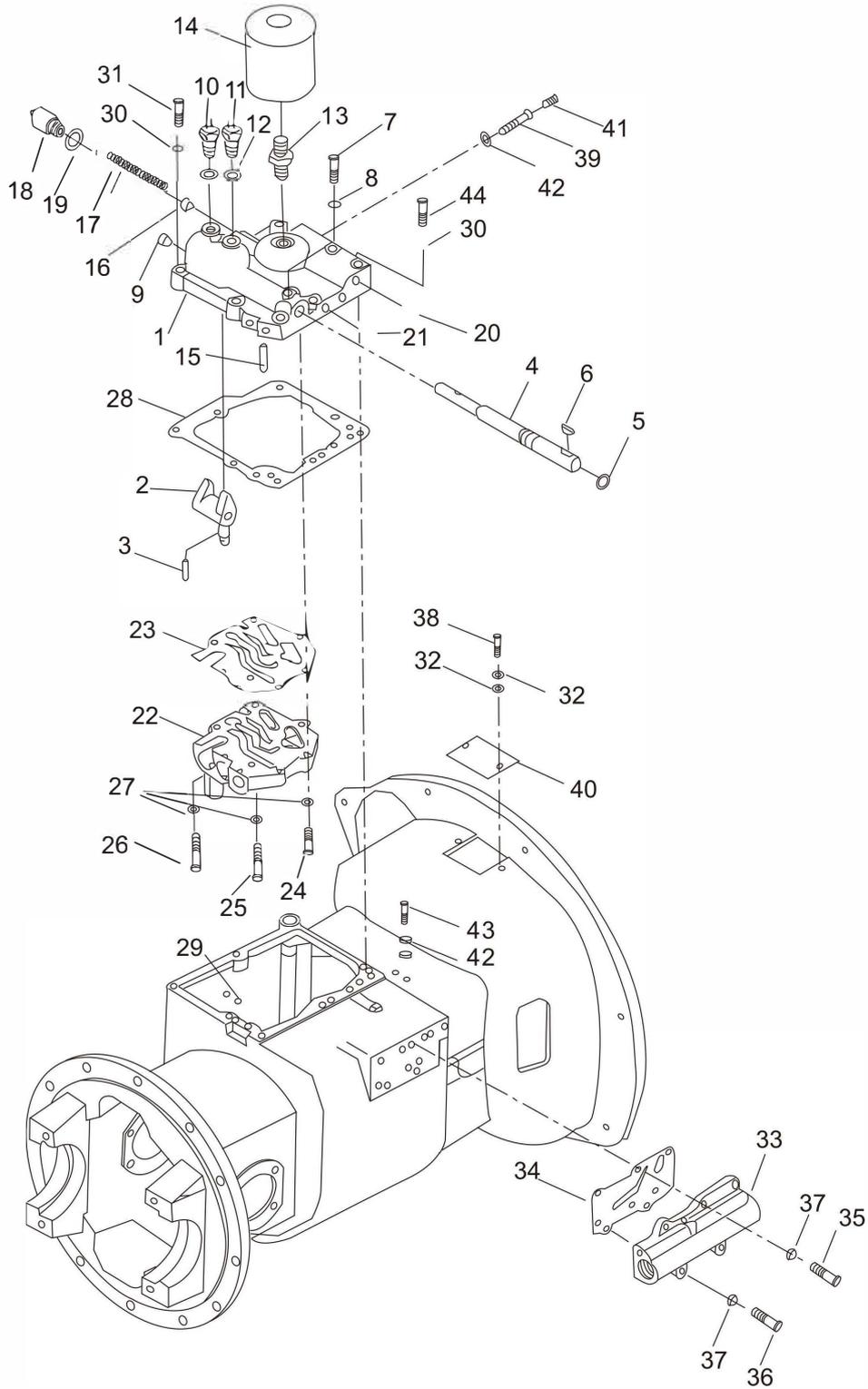
# Drive unit (tor-con type)



## Drive unit (tor-con type)

Item	Part No	Description	Q'ty	Remark
22	A30B5-02008	Bolt	4	
23	A30B5-02009	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	
31	A30B5-02013	Plate, bearing support	1	
32	A30B5-02014	Shim		
-	A30B5-02015	Shim		
-	A30B5-02016	Shim		
33	A30B5-02017	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	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/T5783	M8×20 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	

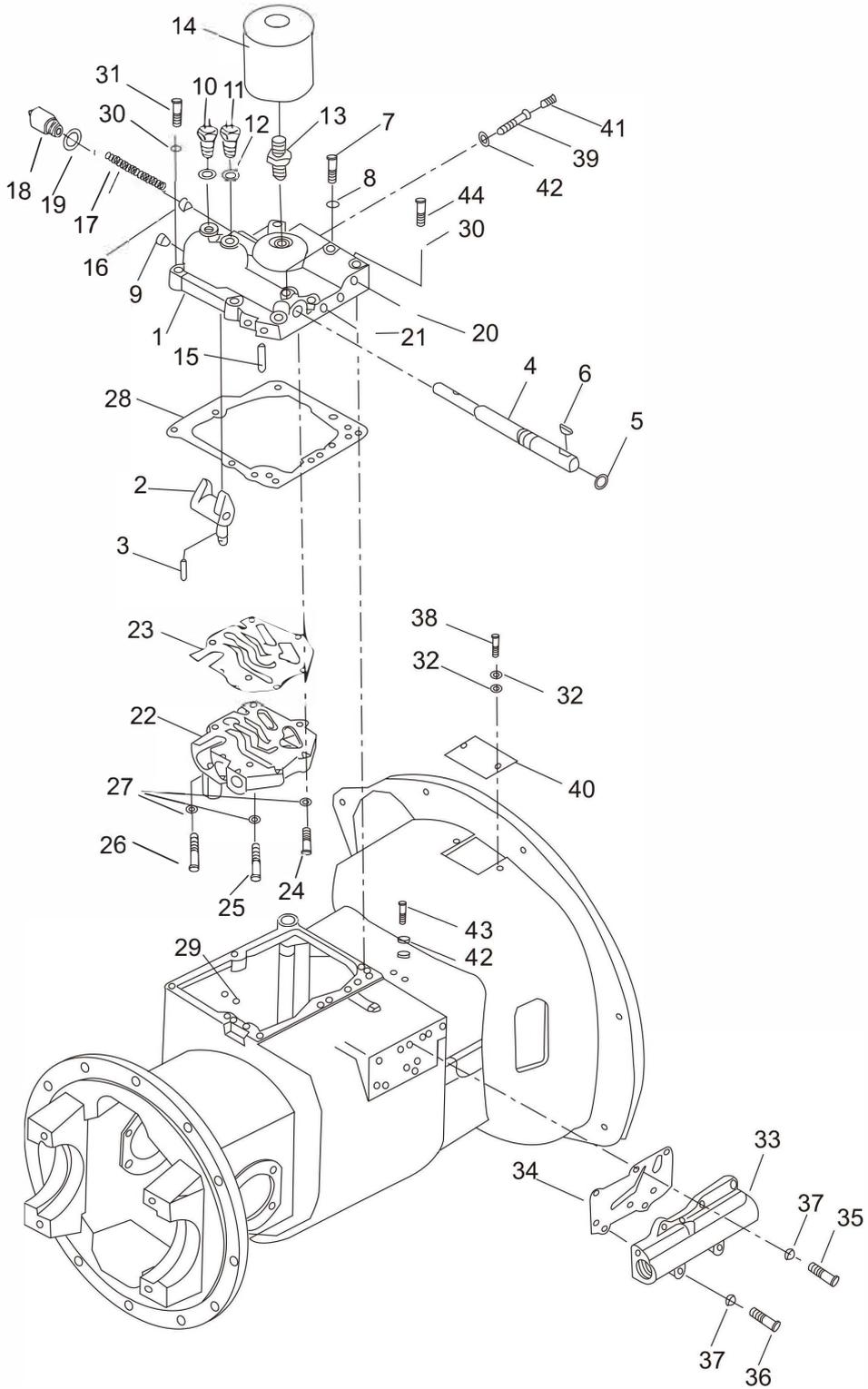
# Drive unit (cover & inching valve)



## 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)

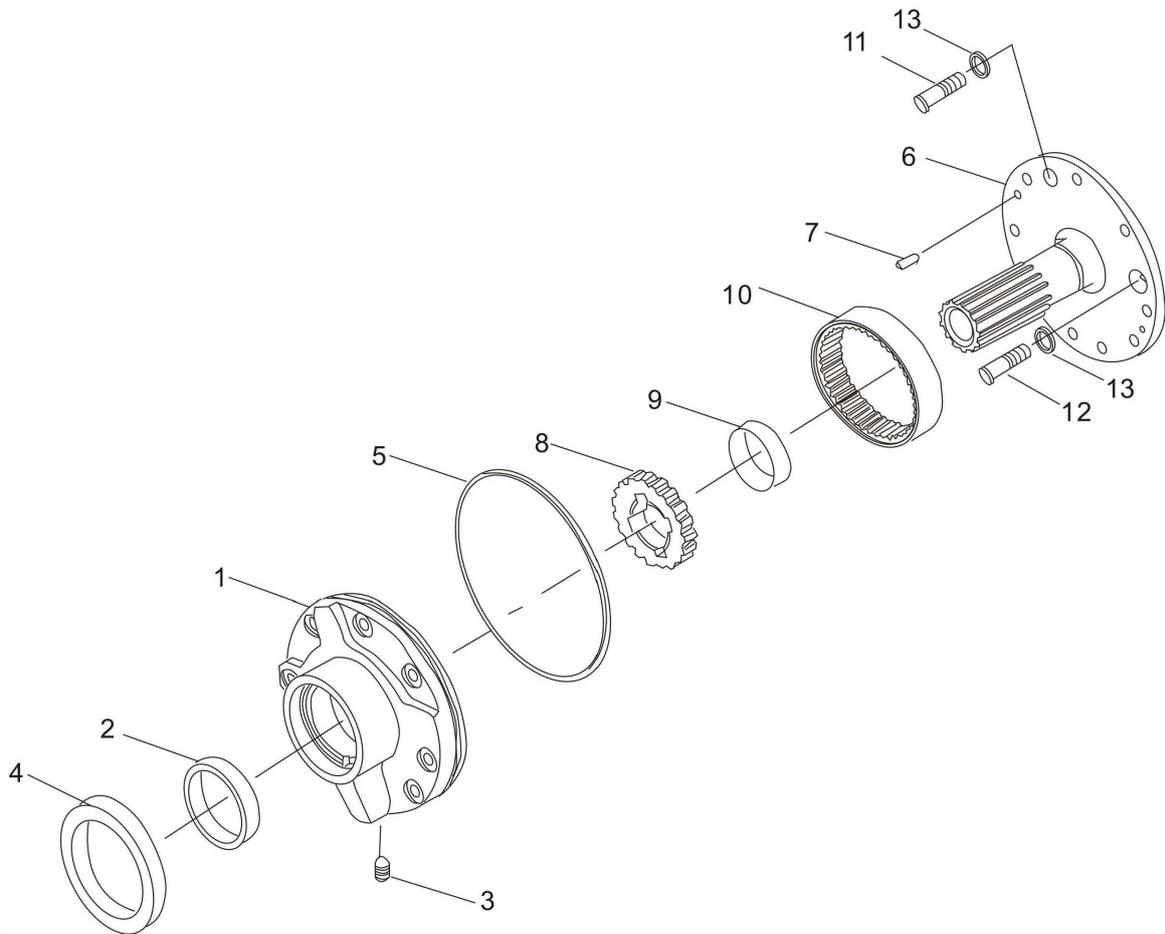


## Drive unit (cover & inching valve)

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	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	M10×1.25×40 Bolt	6	

---

Charging pump (tor-con type)

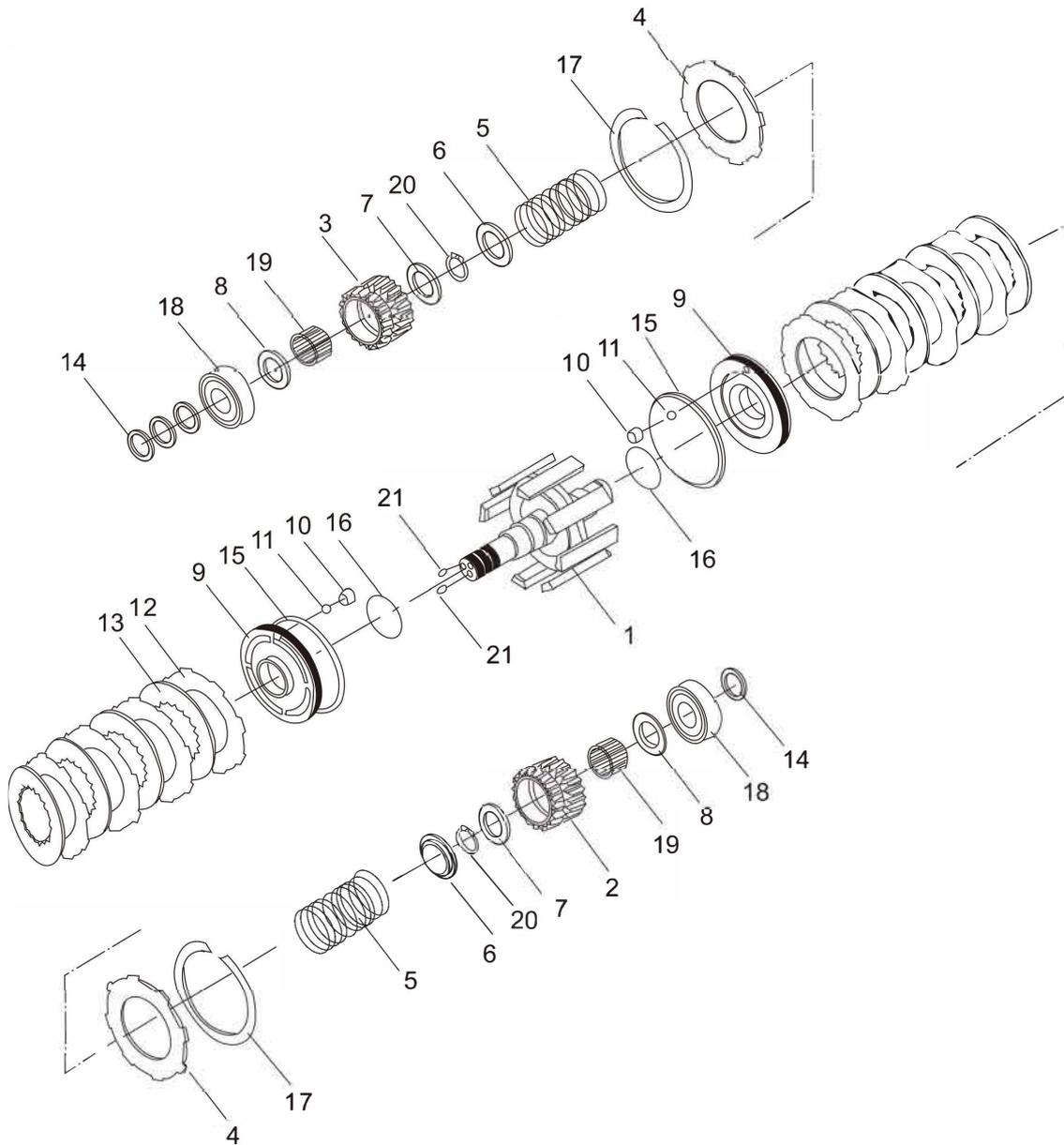


### Charging pump (tor-con type)

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)

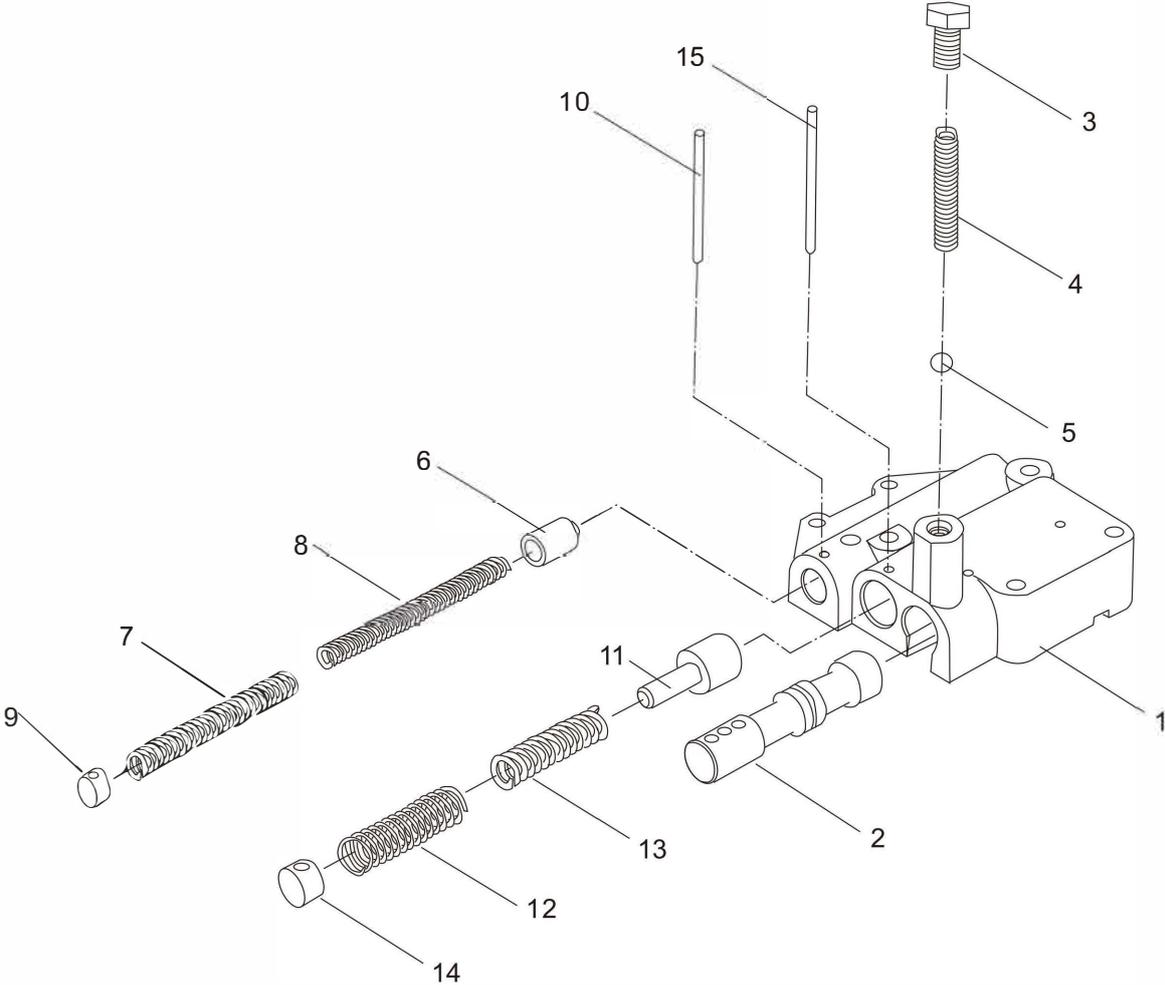


## Hydraulic clutch (tor-con type)

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)

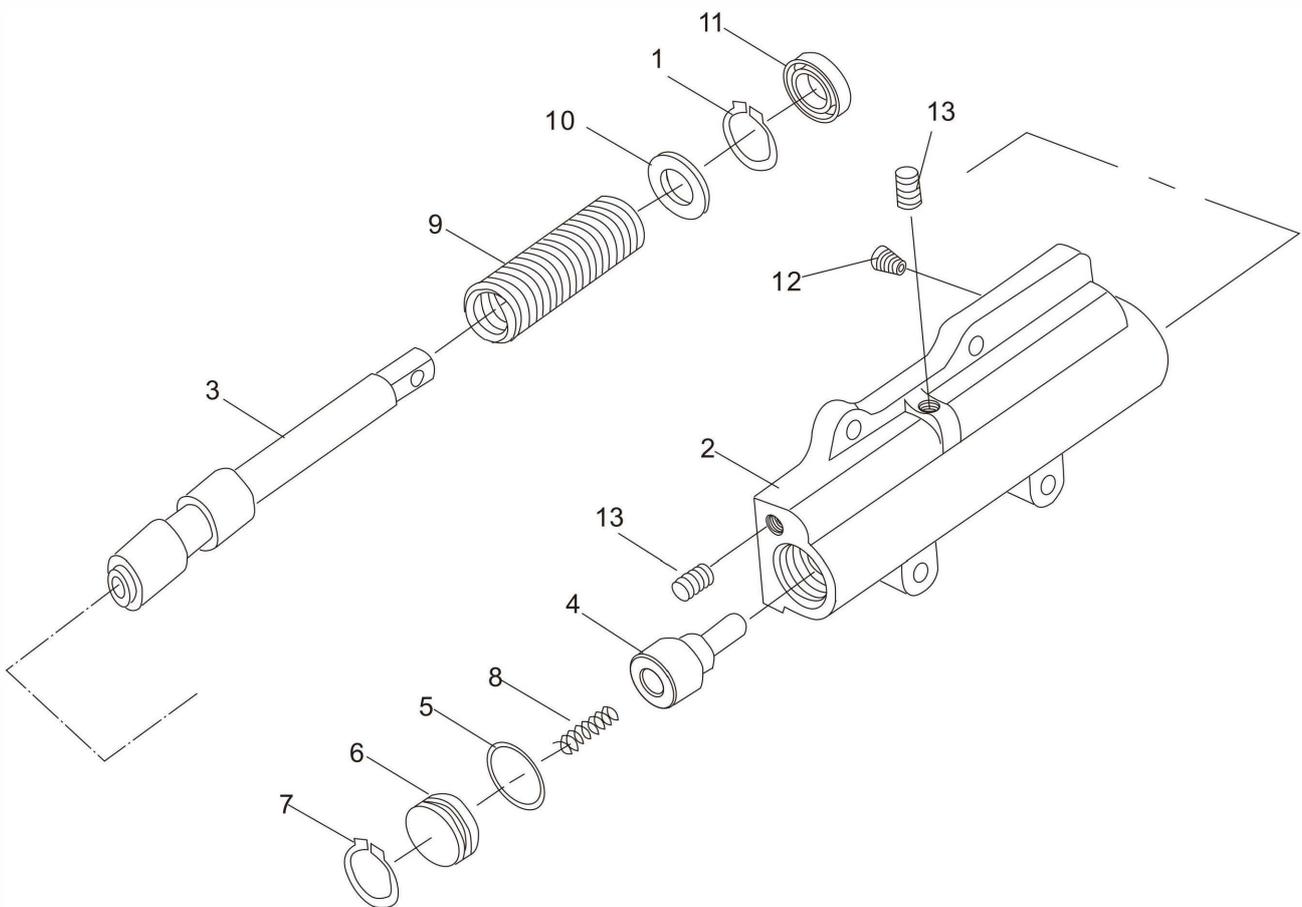


Control valve (tor-con type)

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	

---

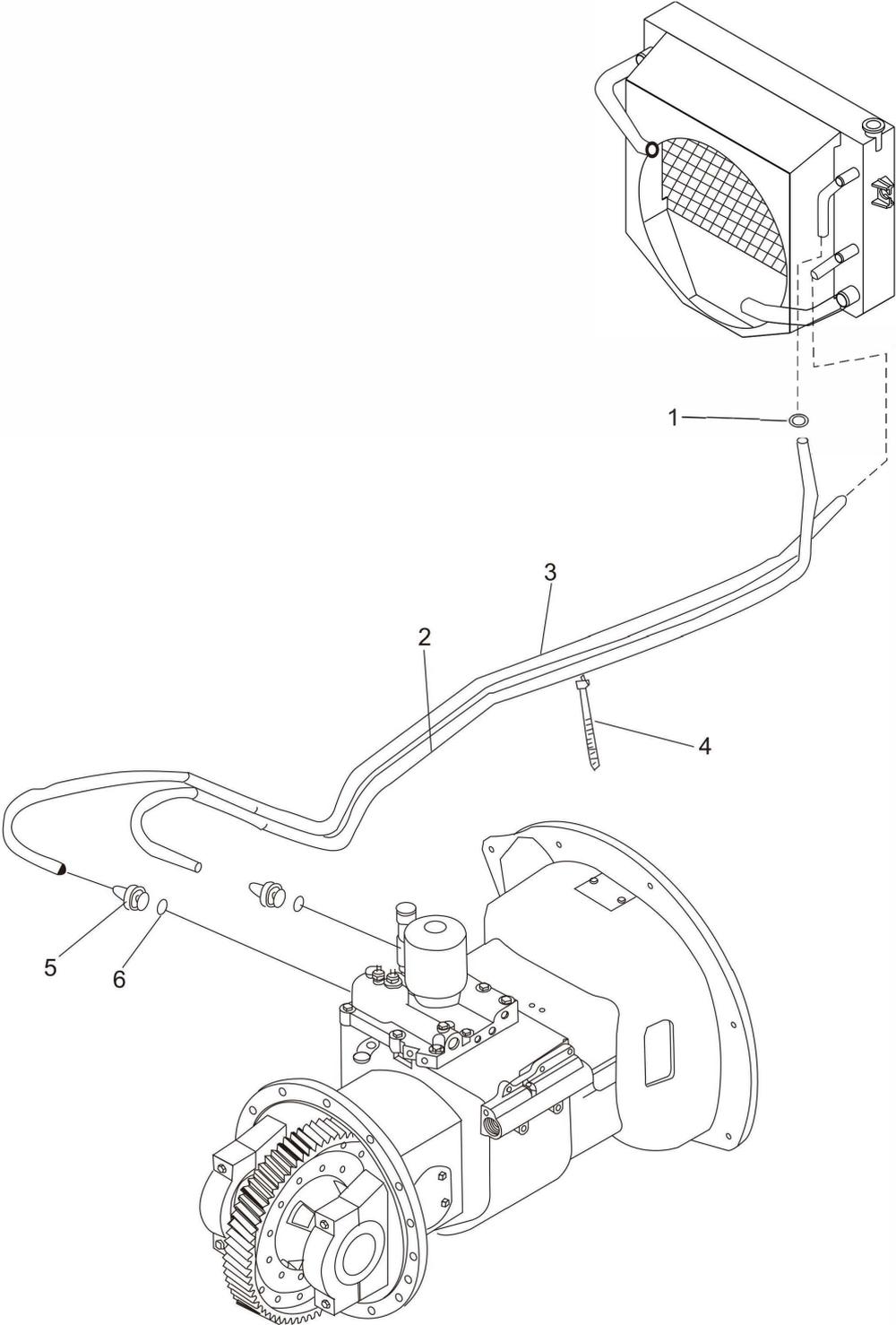
Inching valve (tor-con type)



## 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	φ 1.2×D9.2×30 Spring	1	
9	A30B5-02506	φ 3×D22.9×87.4 Spring	1	
10	A30B5-02507	Spacer	1	
11	A30B5-02509	φ 30×16×7 Seal,oil	1	
12	A30B5-02508	Plug,choke	1	
13	Q/ZB285-77	Z1/8 " Plug	2	

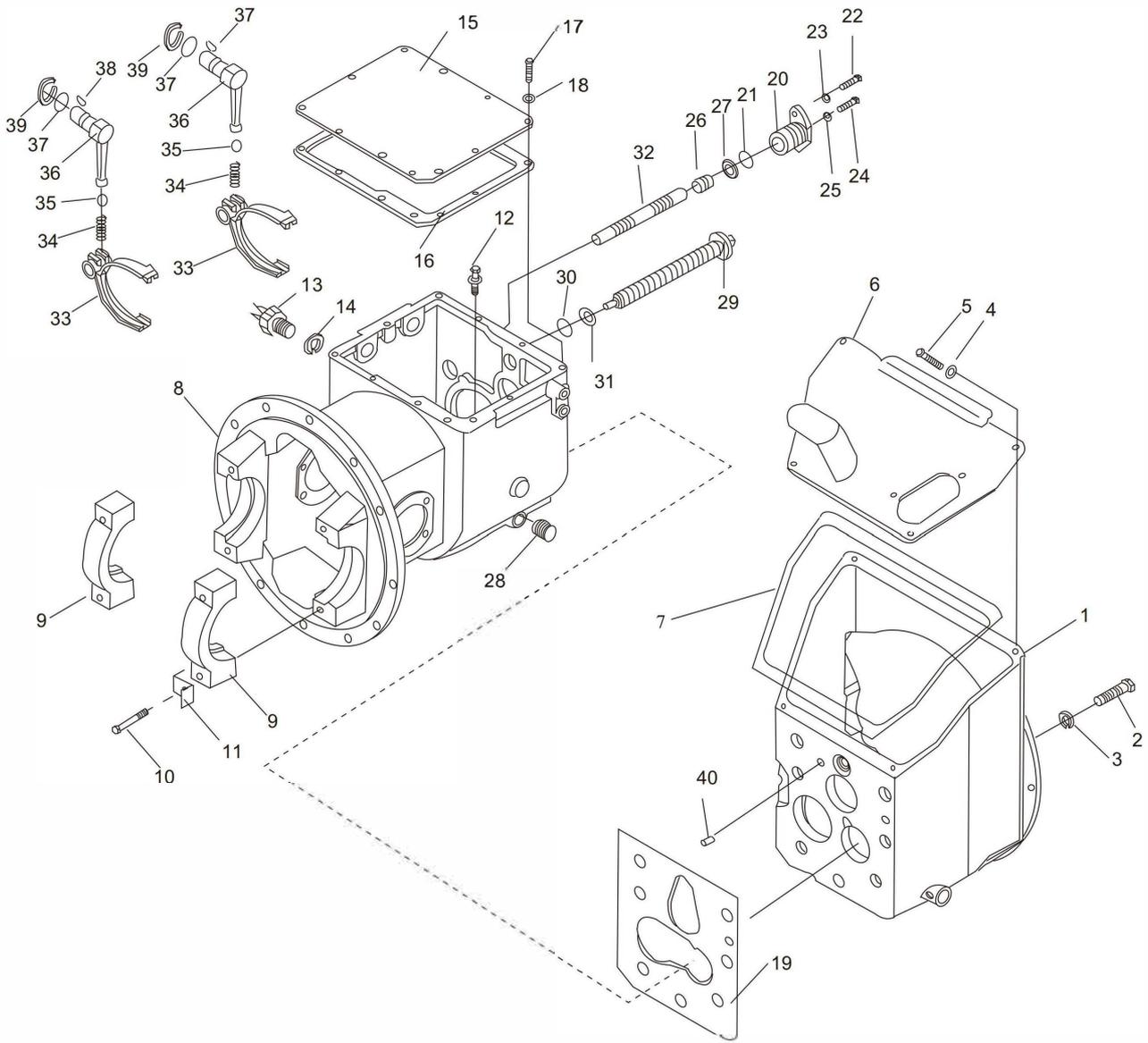
Hydraulic system



## Hydraulic system

Item	Part No	Description	Q'ty	Remark
1	JB/T8870	10×16 Clip	4	
2	TG000-10211	φ 10×2110 Hose	1	FD30/38AT-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	TG000-10190	φ 10×1900 Hose	1	FD/Y30/38AT-W1/W2/Y2/Y3/JH2/D1
-	TG000-10160	φ 10×1600 Hose	1	FD/Y30/38AT-R2/KMS4S2/S5/GQ1/2/3
3	TG000-10240	φ 10×2400 Hose	1	FD30/38AT-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	TG000-10220	φ 10×2200 Hose	1	FD/Y30/38AT-W1/W2/Y2/Y3/JH2/D1
-	TG000-10150	φ 10×1500 Hose	1	FD/Y30/38AT-R2/KMS4S2/S5/GQ1/2/3
4	TQ000-08025	8×250 Band	2	
5	GJT-16-00	union	2	
6	GB/T982	14×2.7 Packing	2	

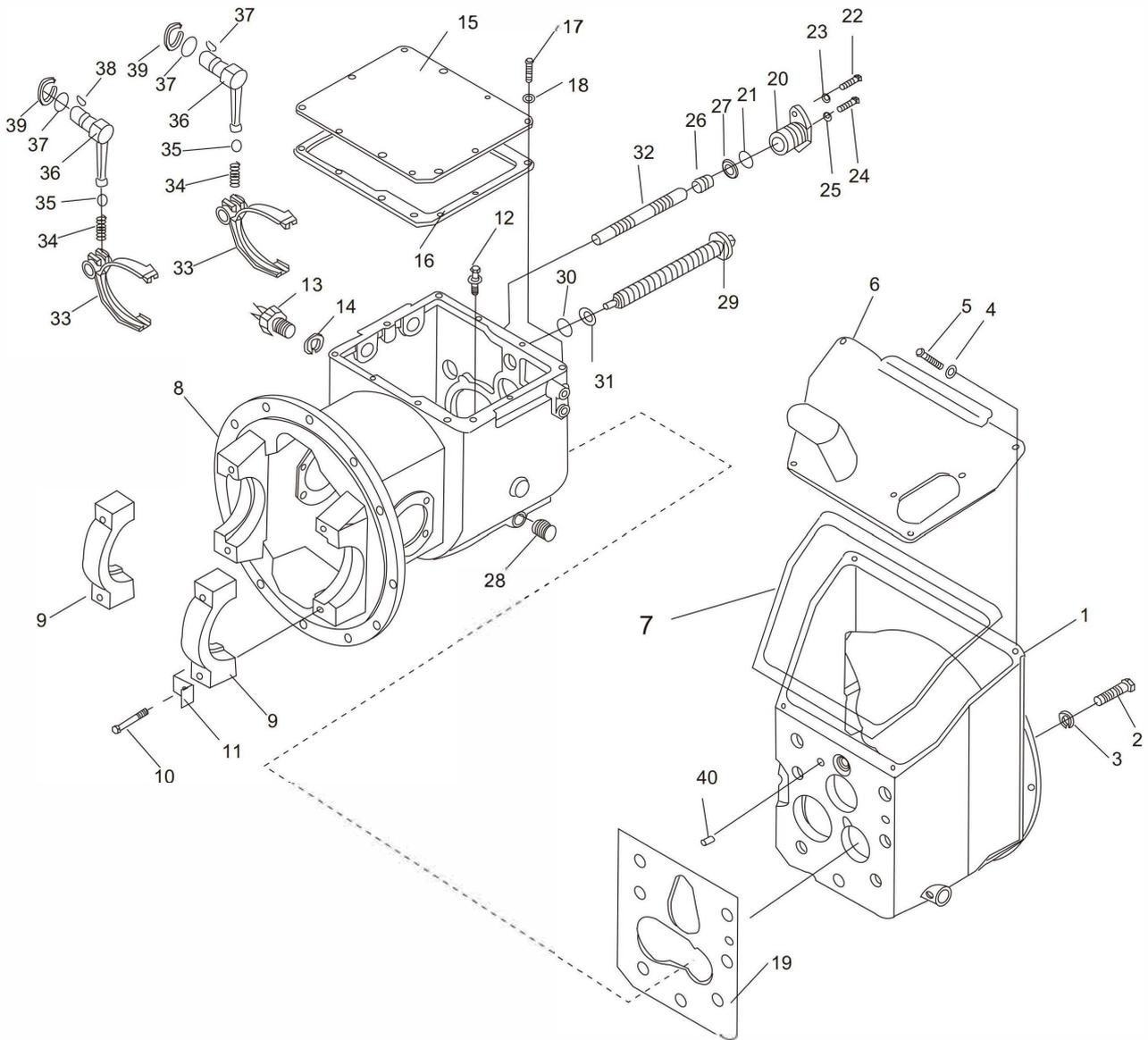
# Transmission (clutch type)



## Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
1	A30A5-02002	Clutch housing	1	FD30/38MT-X18/X19/X17/X2/X3 /X4/X10/X12/X13/X14/X25/X27/ X24/X28/YN1
2	GB/T5783	M10×30 Bolt	7	
3	GB/T93	10 Washer, lock	7	
4	GB/T93	6 Washer, lock	4	
5	GB/T5783	M6×16 Bolt	4	
6	A30A5-02003	Cover, case	1	
7	A30A5-02004	Packing	1	
8	A30A5-02201	Case, transmission	1	
9	A30A5-02202	Cap, bearing	2	
10	A30A5-02203	Bolt	4	
11	A30A5-02204	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, Cascover	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/T1235.1	35×3.1 O-ring	1	
22	GB/T5783	M8×20 Bolt	1	
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	

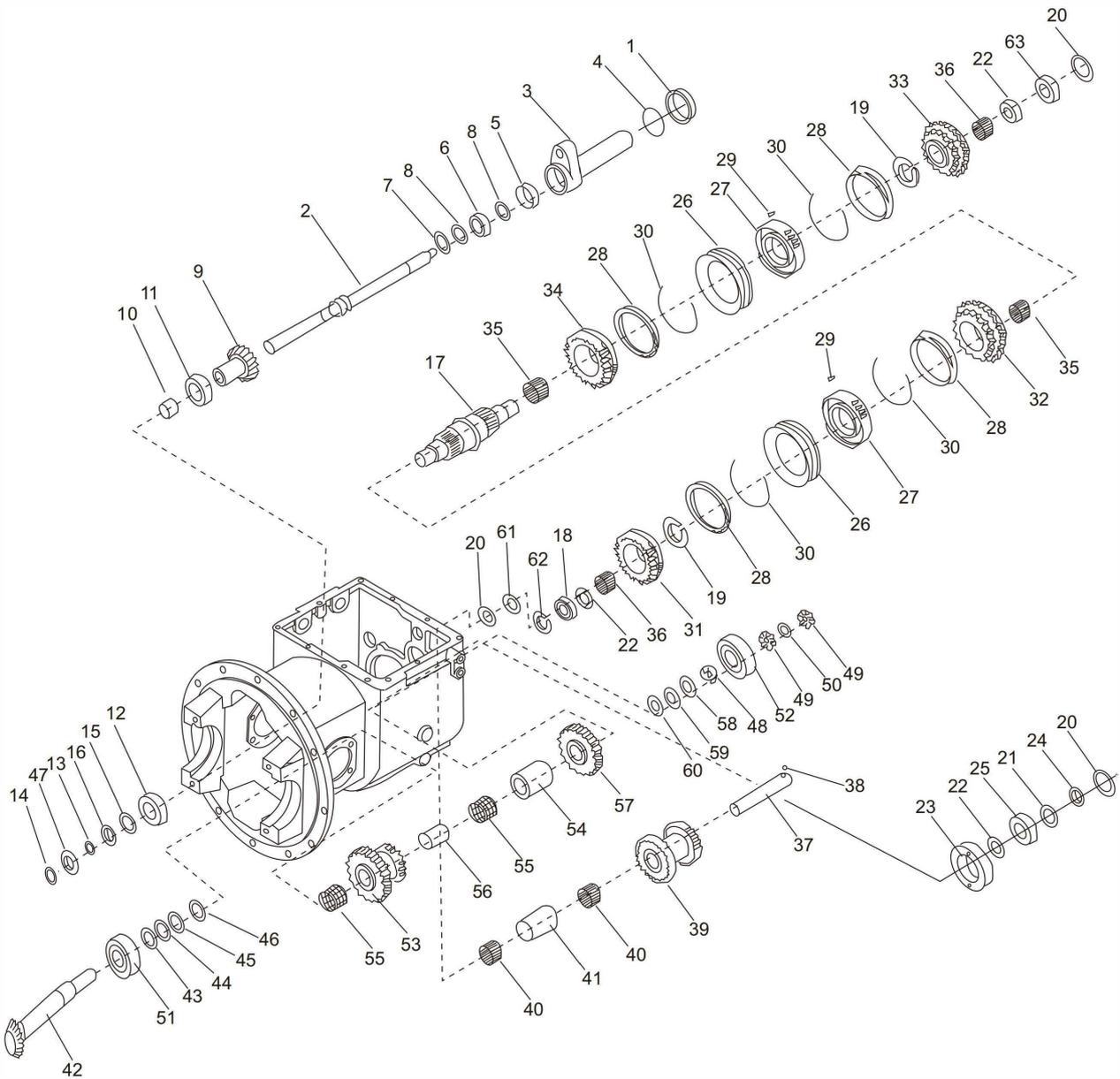
# Transmission (clutch type)



## Transmission (clutch type)

Item	Part No	Description	Q'ty	Remark
27	GB/T1235.1	20×2.4 O-ring	1	
28	A30A5-02212	ZG1/2 Plug	1	
29	A30A5-02213	Bolt, slide	1	
30	GB/T1235.1	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	φ 10 Ball, steel	2	
36	A30A5-02218	Lever, shift	2	
37	GB/T1235.1	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)



## Transmission (clutch type)

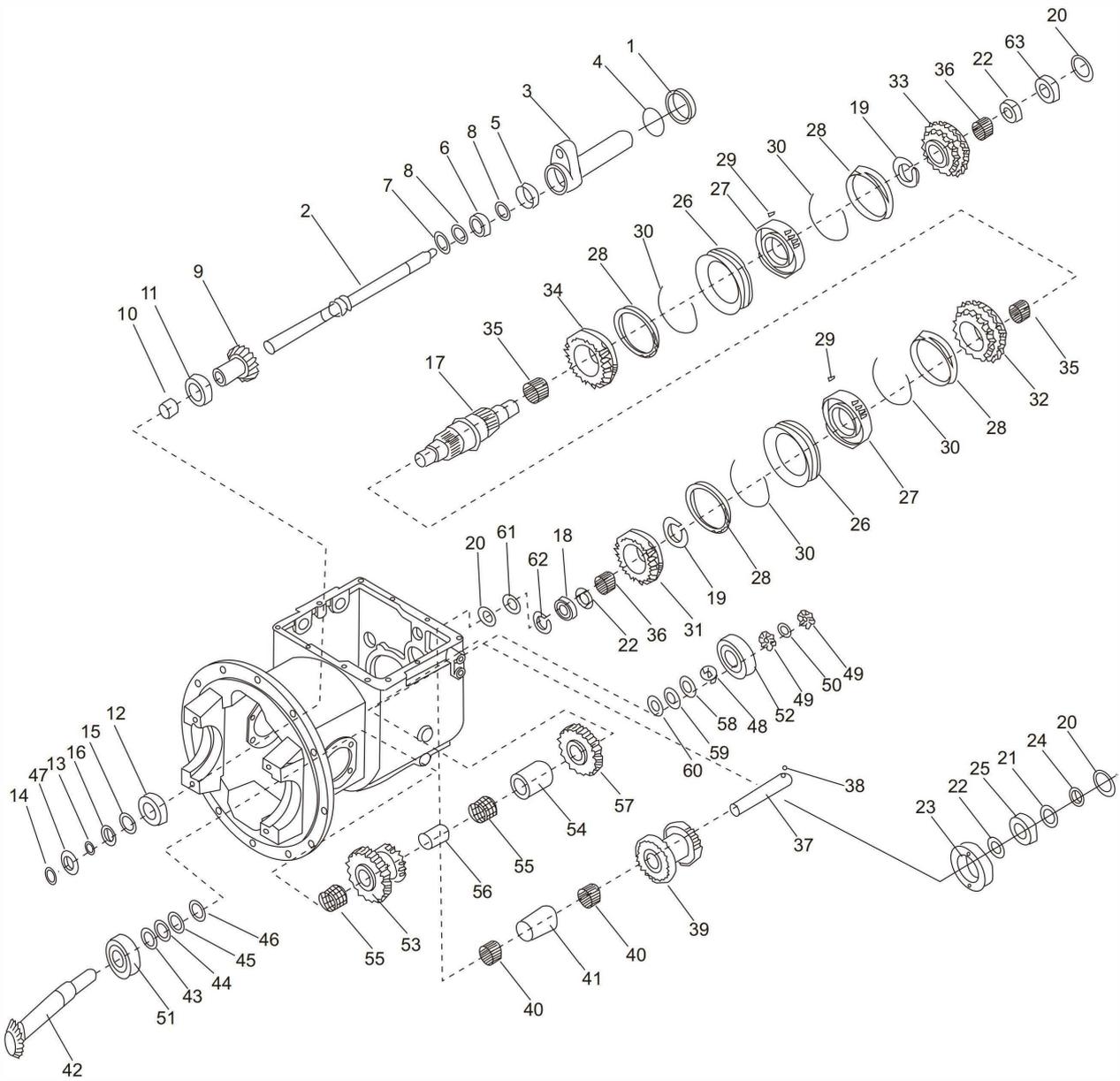
Item	Part No	Description	Q'ty	Remark
1	A30A5-02219	Collar	1	
2	A30A5-02220	Shaft, main drive	1	
3	A30A5-02221	Retainer, bearing	1	
4	GB/T1235.1	42×3.5 O-ring	1	
5	A30A5-02222	Seal, oil	1	
6	GB/T275	105 Bearing, ball	1	
7	GB/T893. 2	47 Snap ring	1	
8	GB/T894. 1	25 Snap ring	2	
9	A30A5-02223	Gear, input	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	



## 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	A30A5-02246	Shaft, output	1	

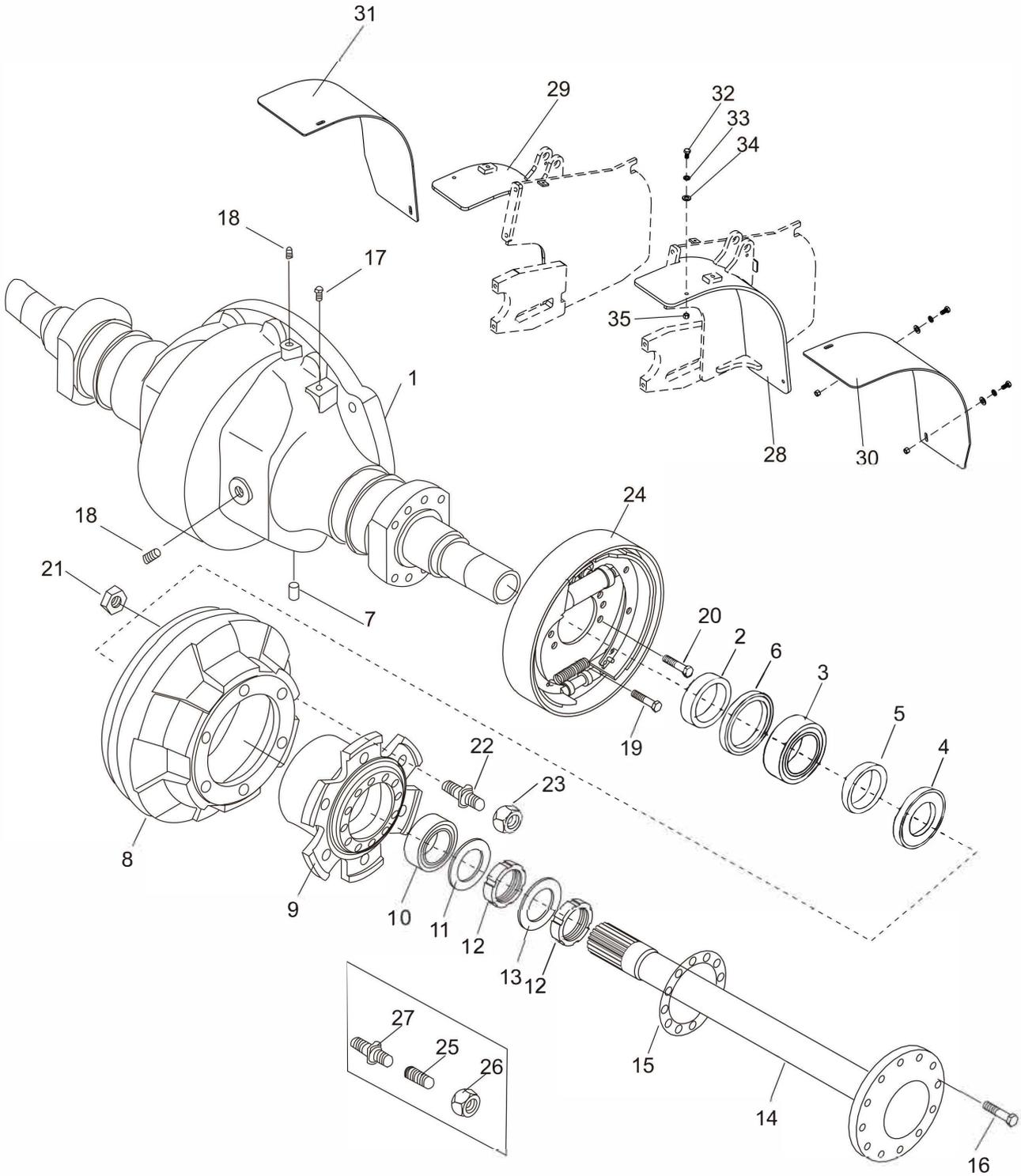
# Transmission (clutch type)



## 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	

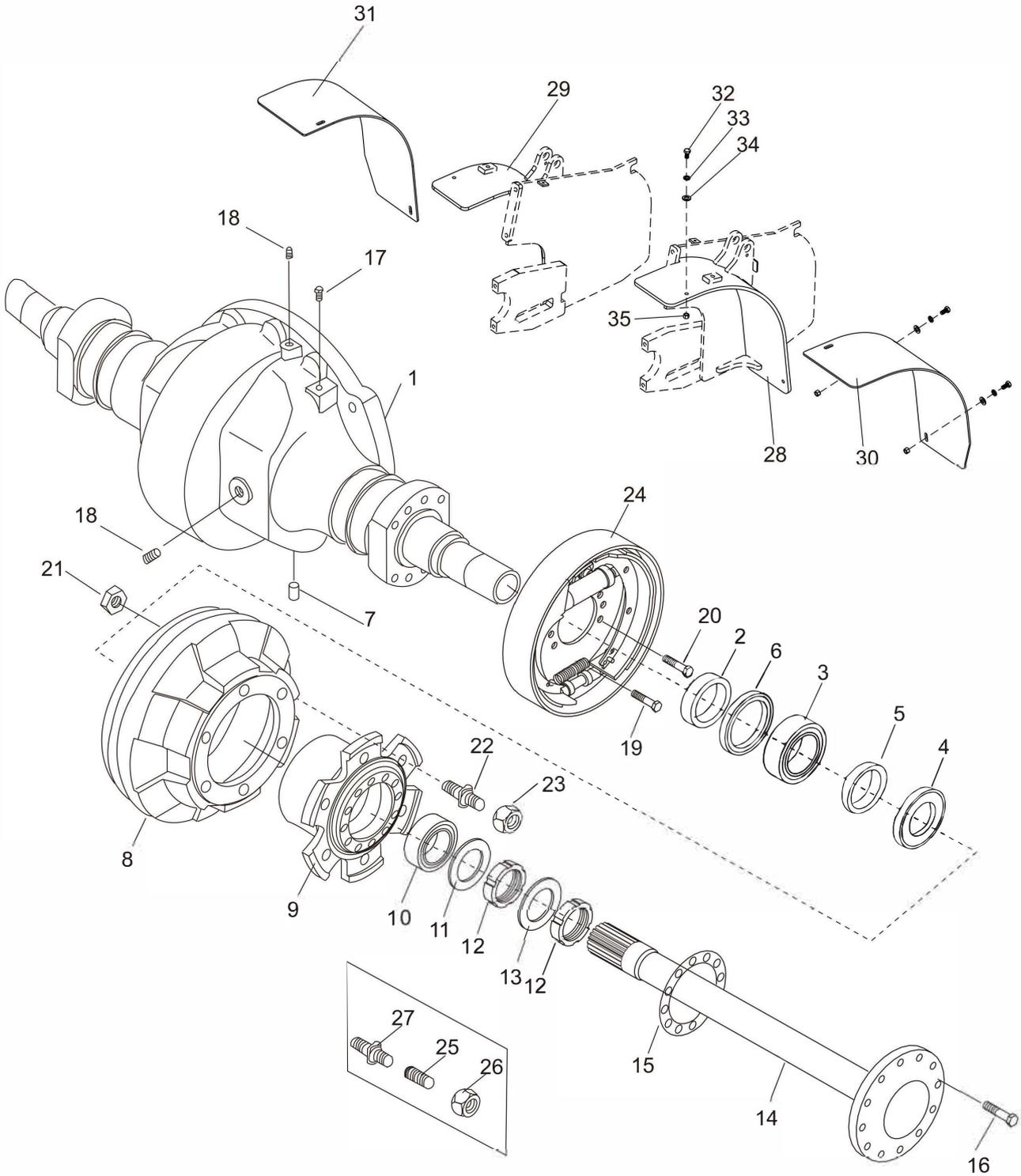
# Drive axle



## Drive axle

Item	Part No	Description	Q'ty	Remark
1	A30A5-02112	Housing, axle	1	3t single-tire
-	A30A5-03004	Housing, axle	1	3-3.5t dual tires
2	A30A5-02111	100×72×16 Retainer, oil seal	2	
3	GB/T9877.1	Sd100×125×12 Seal, oil	2	
4	A30A5-02119	111×72.5×1 Retainer	2	
5	A30A5-02120	125×119×7.5 Washer	2	
6	GB/T307	30214 Bearing	2	
7	GB/T119.1	D10×30 Pin	1	
8	A30A5-02101	Drum, brake	2	
9	A30A5-02102	Hub, front	2	
10	GB/T307.1	Seal, oil ass'y	2	
11	A30A5-02105	Packing	2	
12	GB/T810	M60×2 Nut	4	
13	GB/T858	60 Washer	2	
14	<b>A30A5-02106</b>	<b>Shaft, drive</b>	2	
15	<b>A30A5-02107</b>	<b>Packing</b>	2	
16	A30A5-02104	Bolt	24	
17	A30A5-02113	Breather, air	1	
18	A30A5-02114	Plug	3	
19	A30A5-02115	M14×1.5×30 Bolt	12	
20	A30A5-02116	M14×1.5×38 Bolt	4	
21	GB/T6171	M20×1.5 Nut	12	
22	A30A5-02108	Bolt	12	single-tire
23	A30A5-02109	Nut	12	single-tire
24	A30A5-02800	Wheel brake	1	

# Drive axle

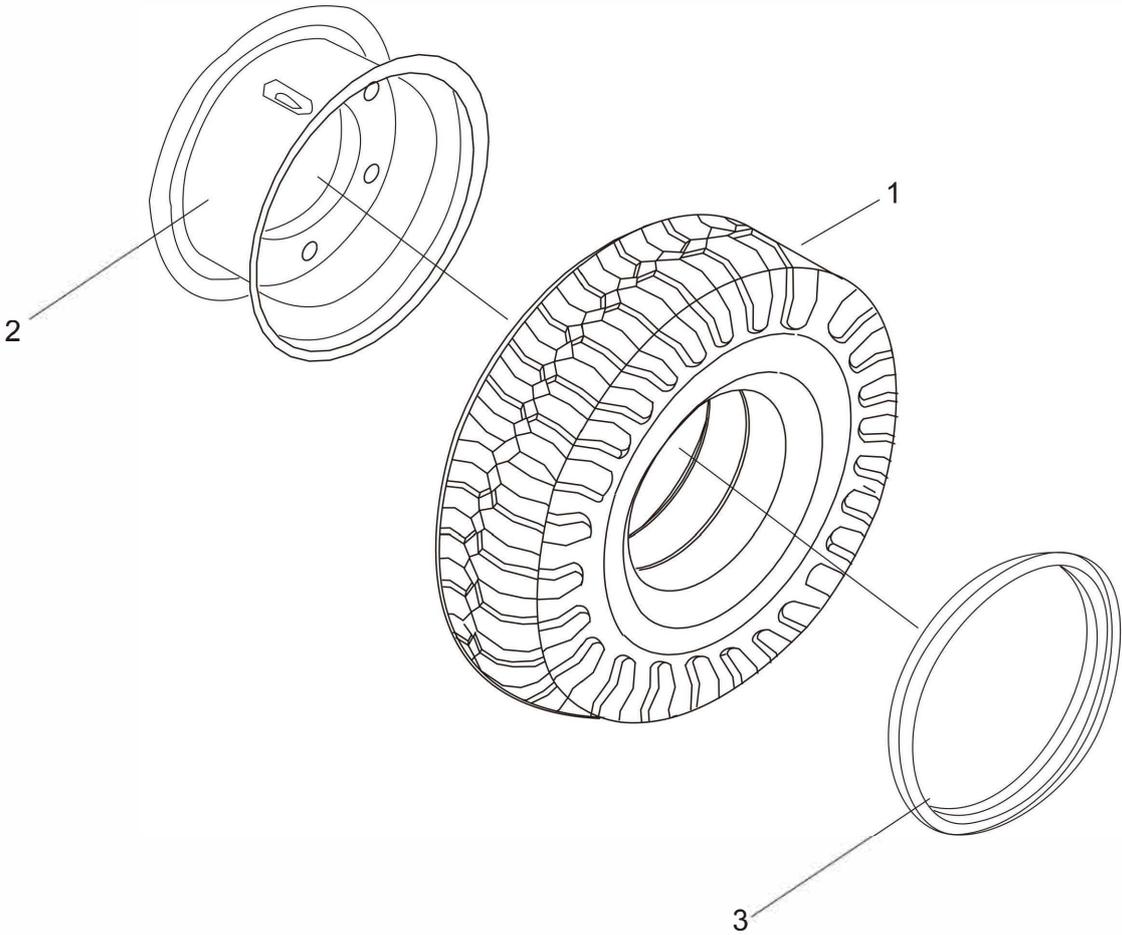


## Drive axle

Item	Part No	Description	Q'ty	Remark
25	A30A5-03001	Nut	12	dual-tire
26	A30A5-03002	Nut	12	dual-tire
27	A30A5-03003	Bolt	12	dual-tire
28	D30C1-10504L	Fender	1	dual-tire
29	D30C1-10504R	Fender	1	dual-tire
30	D30C1-10004L	Fender	1	dual-tire
31	D30C1-10004R	Fender	1	dual-tire
32	GB/T5783	M10×35 Bolt	6	dual-tire
33	GB/T93	10 Washer,lock	6	dual-tire
34	GB/T97.1	10 Washer	6	dual-tire
35	GB/T889.1	M10 Nut	6	dual-tire

---

Driving wheel assembly



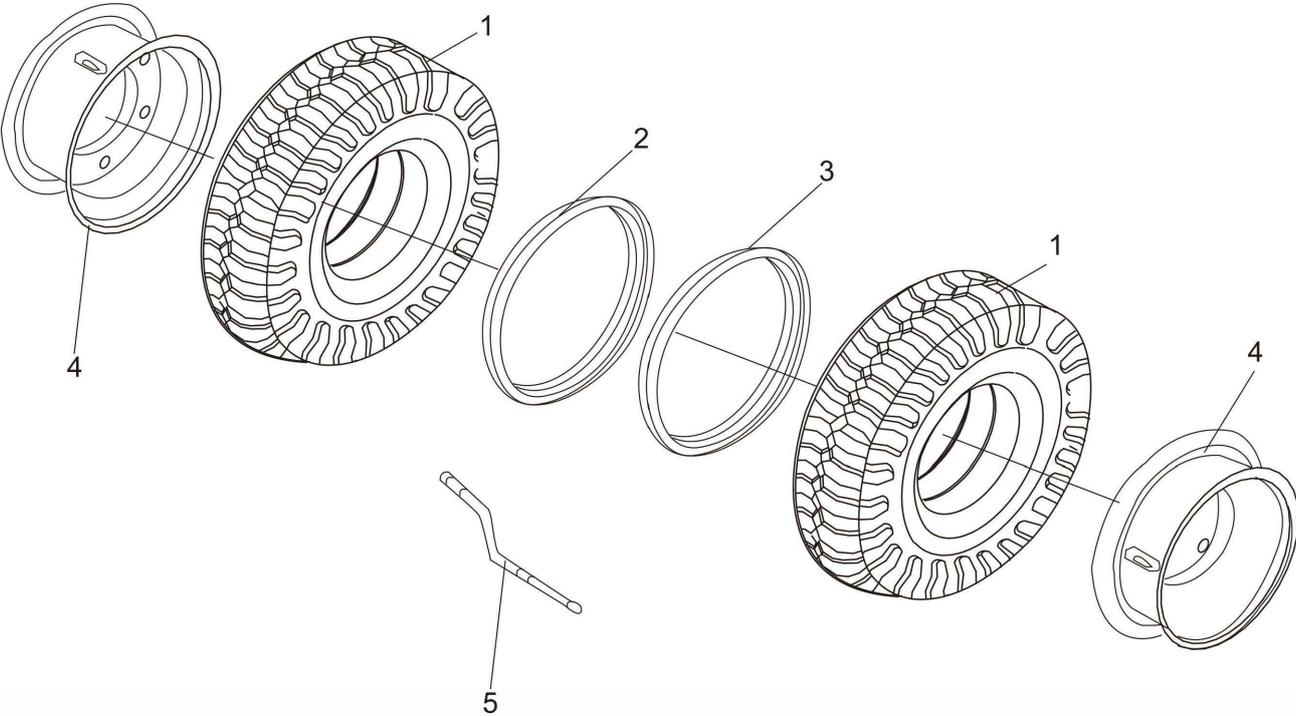
---

## Driving wheel assembly

Item	Part No	Description	Q'ty	Remark
A	A30A5-01000	Wheel Rim ass'y(Inc.2,3)	2	
1	GB/T2982	28×9-15-12PR Tyre	2	
2	A30A5-01001	Wheel Rim	2	
3	A30A5-01002	Snap ring	2	

---

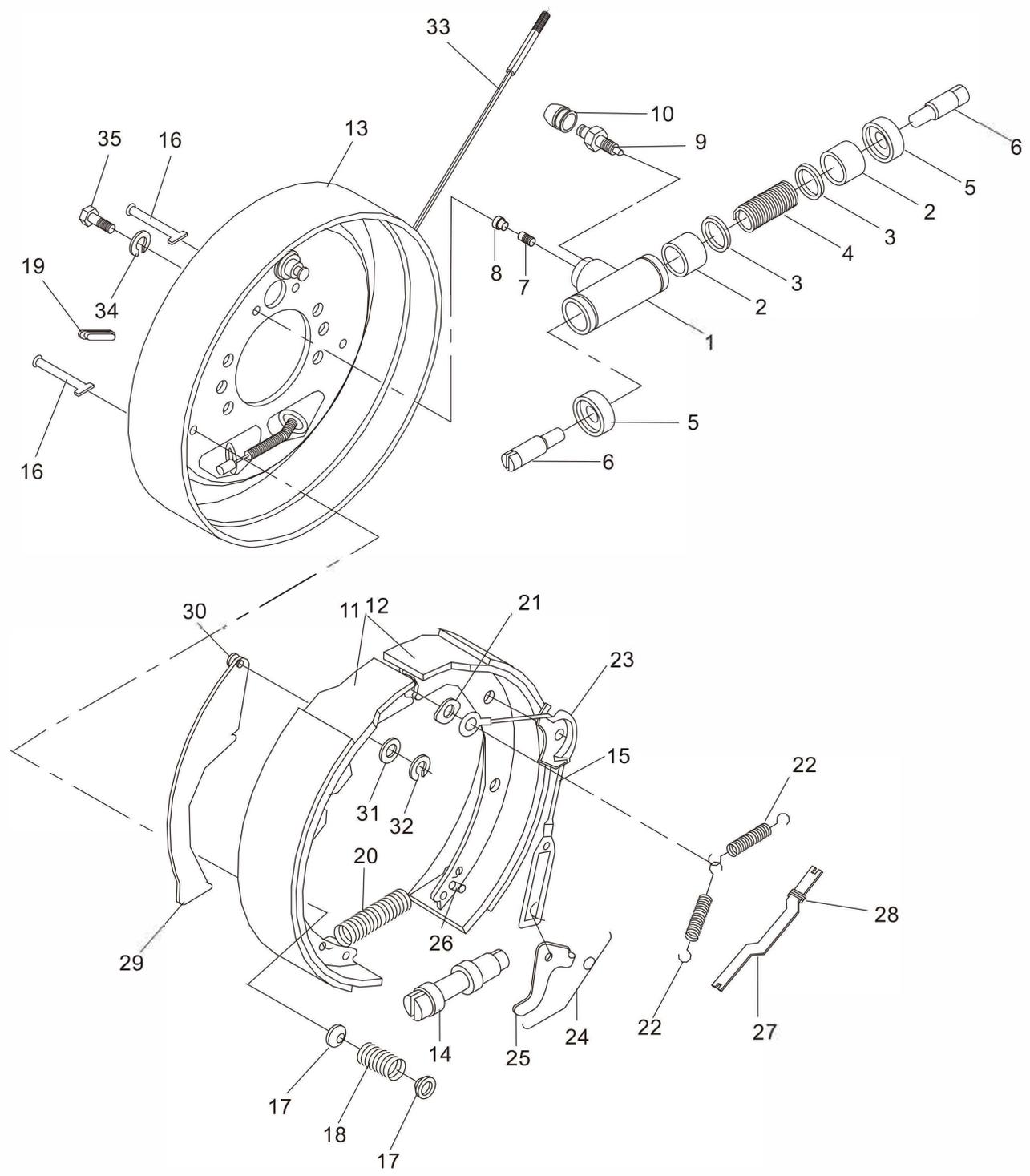
Double driving wheel assembly



## Double driving wheel assembly

Item	Part No	Description	Q'ty	Remark
A	A30A5-01000	Wheel Rim ass'y(Inc.2,4)	2	
B	A30A5-00100	Wheel Rim ass'y(Inc.3,4)	2	
1	GB/T2982	28×9-15-12PR Tyre	4	
2	A30A5-01001	Wheel Rim	2	
3	A30A5-00101	Wheel Rim	2	
4	A30A5-01002	7.00T-15 Snap ring	4	
5	A50A5-00700	Pipe	2	

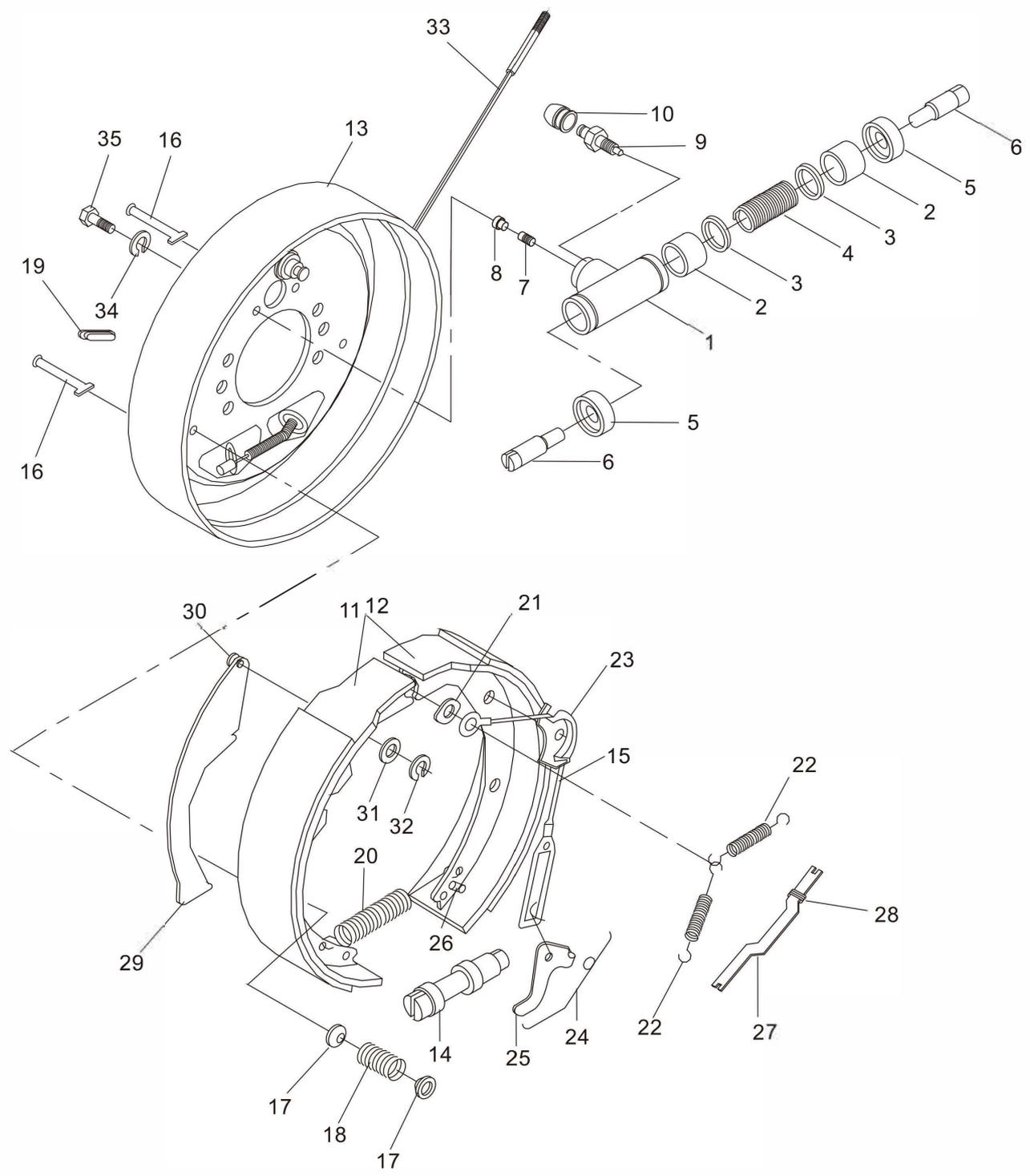
# Wheel brake



## Wheel brake

Item	Part No	Description	Q'ty	Remark
A	A30A5-02800(L)	Wheel brake ass'y L.H.	1	
-	A30A5-02800(R)	Wheel brake ass'y R.H.	1	
B	A30A5-02900	Wheel cylinder ass'y	1	Left & right types
1	A30A5-02901	Cylinder	1	Left & right types
2	A30A5-02902	Piston	2	
3	A30A5-02903	Cup, piston	2	
4	A30A5-02904	Spring	1	
5	A30A5-02905	Cover,dust	2	
6	A30A5-02906	Rod,piston	2	
7	A30A5-02907	Seat, tube	1	
8	A30A5-02908	Shroud	1	
9	A30A5-02909	Screw, bleeder	1	
10	A30A5-02910	Cap, screw	1	
11	A30A5-02911	Pin, shoe & lining ass'y	1	
12	A30A5-02912	Pin, shoe & lining ass'y	1	
13	A30A5-02913	Back plate ass'y	1	Left & right types
14	A30A5-02914	Clearance adjuster	1	Left & right threads
15	A30A5-02915	Spring & Fitting ass'y	1	
16	A30A5-02916	Pin, shoe hold down	2	
17	A30A5-02917	Cup, shoe hold down	4	

# Wheel brake

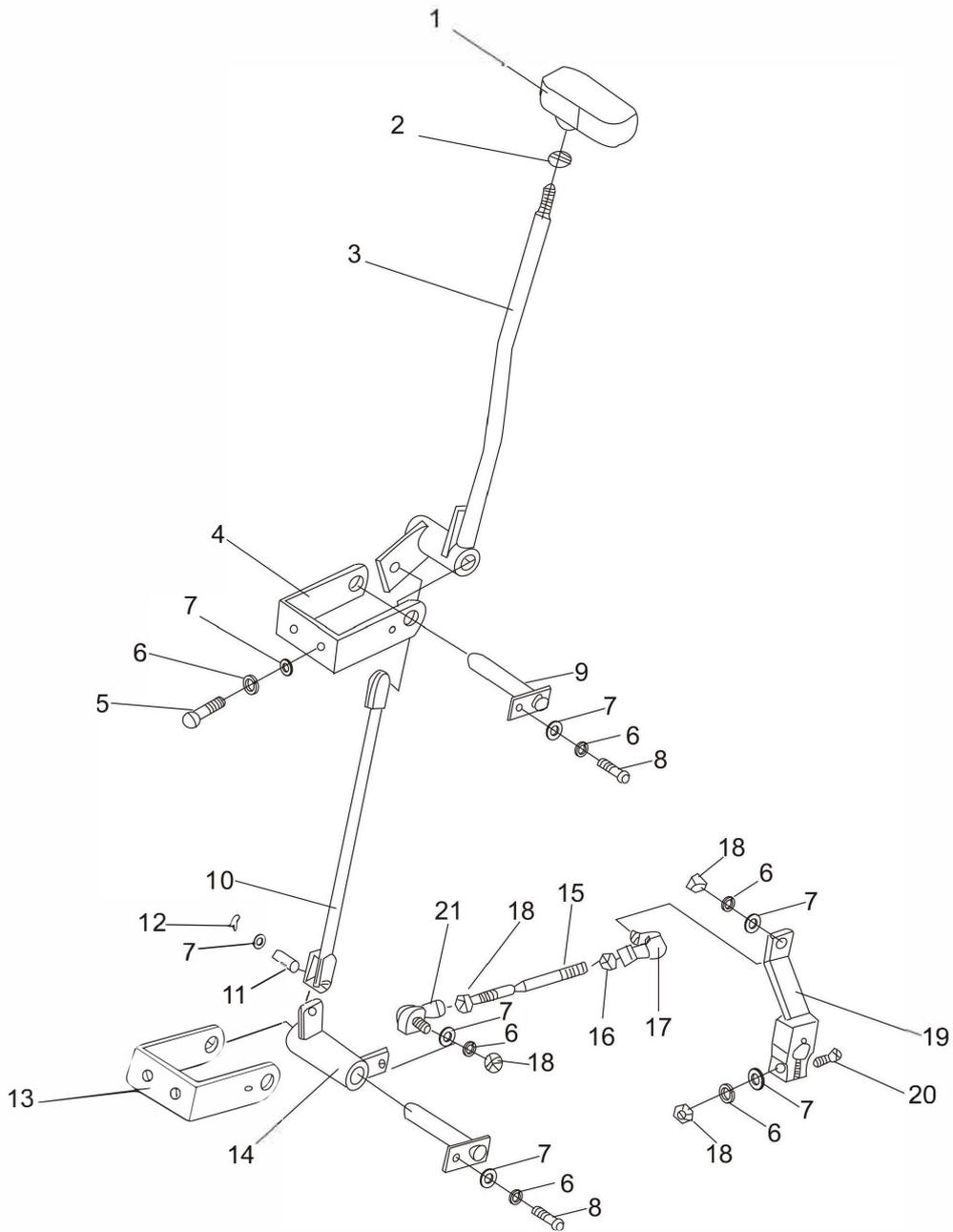


## Wheel brake

Item	Part No	Description	Q'ty	Remark
18	A30A5-02918	Spring, shoe hold down	2	
19	A30A5-02919	Plug, rubber	1	
20	A30A5-02920	Spring return	1	
21	A30A5-02921	Guide, plate	1	
22	A30A5-02922	Return spring, brake shoe	2	
23	A30A5-02923	Guide, cable	1	
24	A30A5-02924	Spring	1	Left & right types
25	A30A5-02925	Lever	1	Left & right types
26	A30A5-02926	Pin	1	
27	A30A5-02927	Strut L. H.	1	Left & right types
28	A30A5-02928	Spring	1	
29	A30A5-02929	Lever L.H. brake	1	Left & right types
30	A30A5-02930	Pin	1	
31	A30A5-02931	Washer, spring	1	
32	A30A5-02932	Snap, ring, pin axle	1	
33	A30A5-02933	Cable L. H	1	
-	A30A5-02934	Cable R. H	1	
34	GB/T93	8 Washer,lock	2	
35	GB/T5783	M8×1.25×20 Bolt	2	

---

Transmission control linkage (tor-con type)



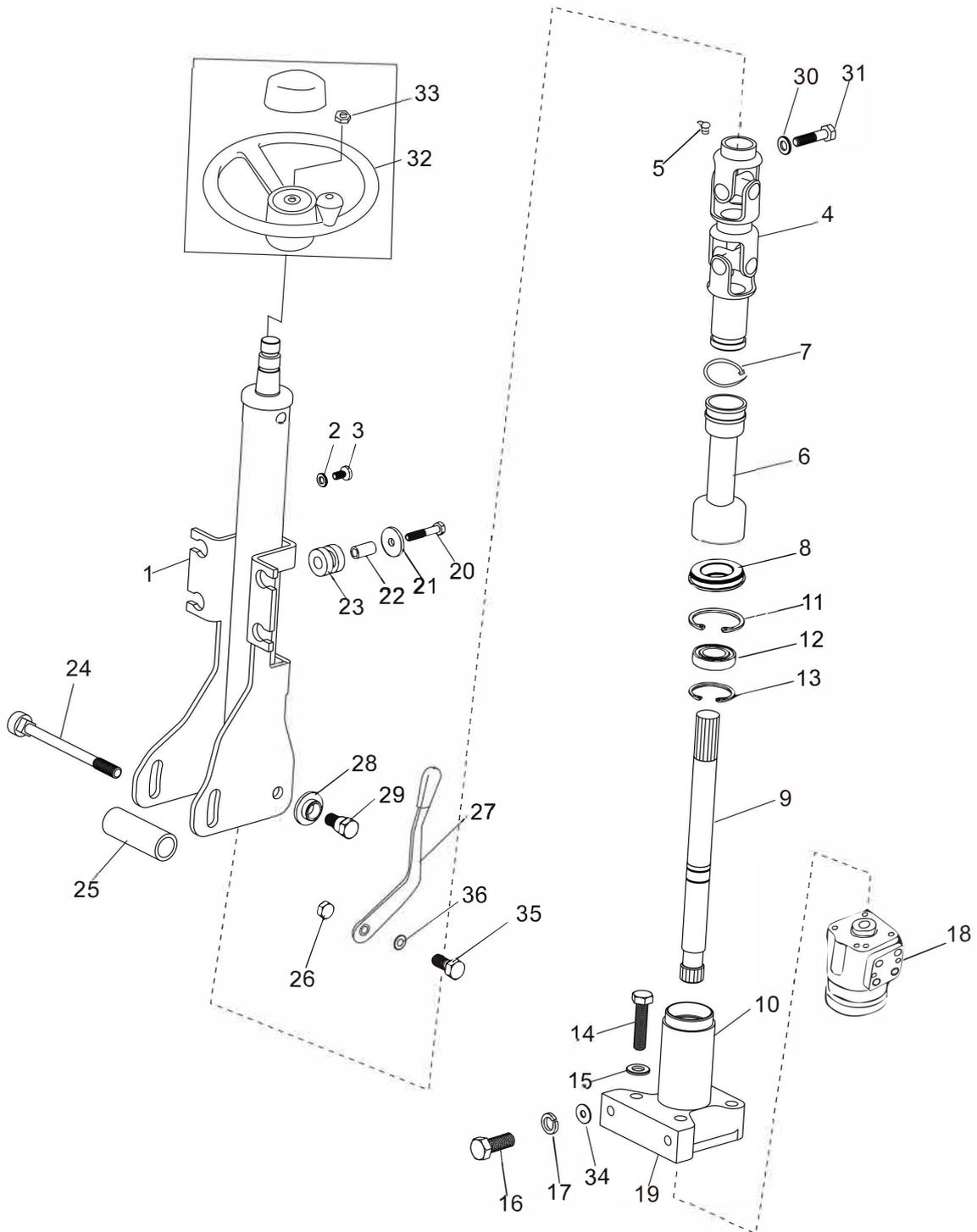
Transmission control linkage (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30B5-01100	Handle	1	
2	GB/T6170	M10 Nut	1	
3	A30B5-01200	Lever	1	
4	A30B5-01800	Bracket (left)	1	
5	GB/T5783	M8×30 Bolt	4	
6	GB/T93	Washer,lock	9	
7	GB/T97. 1	8 Washer	11	
8	GB/T5783	M8×25 Bolt	2	
9	A30B5-01300	Shaft	2	
10	A30R5-01400	Link	1	
11	GB/T882	8×18 Pin	2	
12	GB/T91	2.5×20 Pins	2	
13	A30B5-01700	Bracket (lower)	1	
14	A30B5-01500	Rocker ass'y	1	
15	A30R5-00003	Link	1	
16	GB/T6170	Nut (left)	1	
17	A30B5-01005	Bearing	1	
18	GB/T6170	M8 Nut	4	
19	A30B5-01600	Link	1	
20	GB/T5783	M8×40 Bolt	1	
21	A30B5-01004	Bearing	1	

---

## C. STEERING SYSTEM

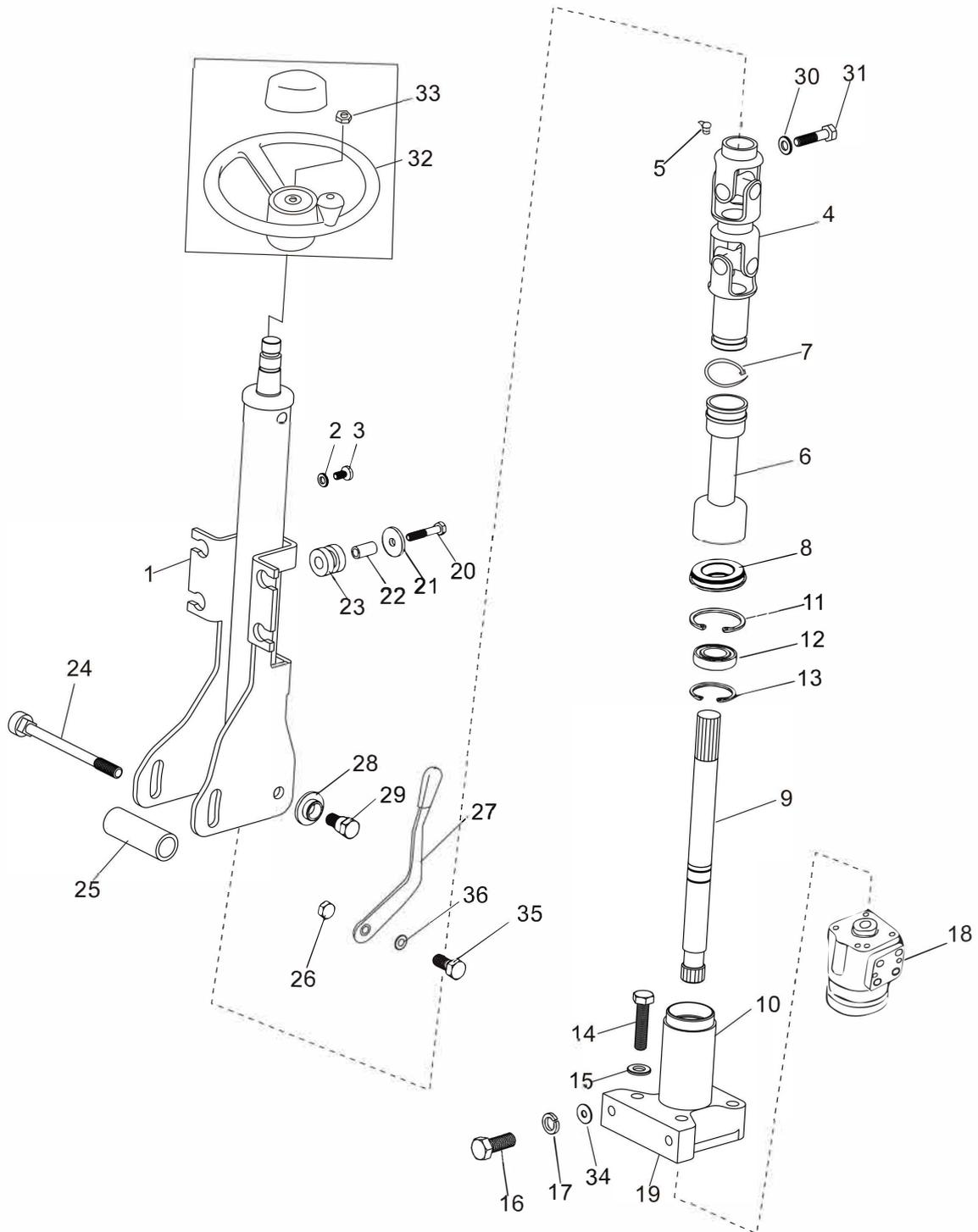
# Steering control



## 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		ZD4×150 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	61904-2Z 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	A30A4-40000	Redirector	1	
-	A25A4-40000	Redirector	1	
19	A30A6-00006	Shim	1	
20	GB/T5783	M6×35 Bolt	4	
21	A30A6-00007	Washer	4	

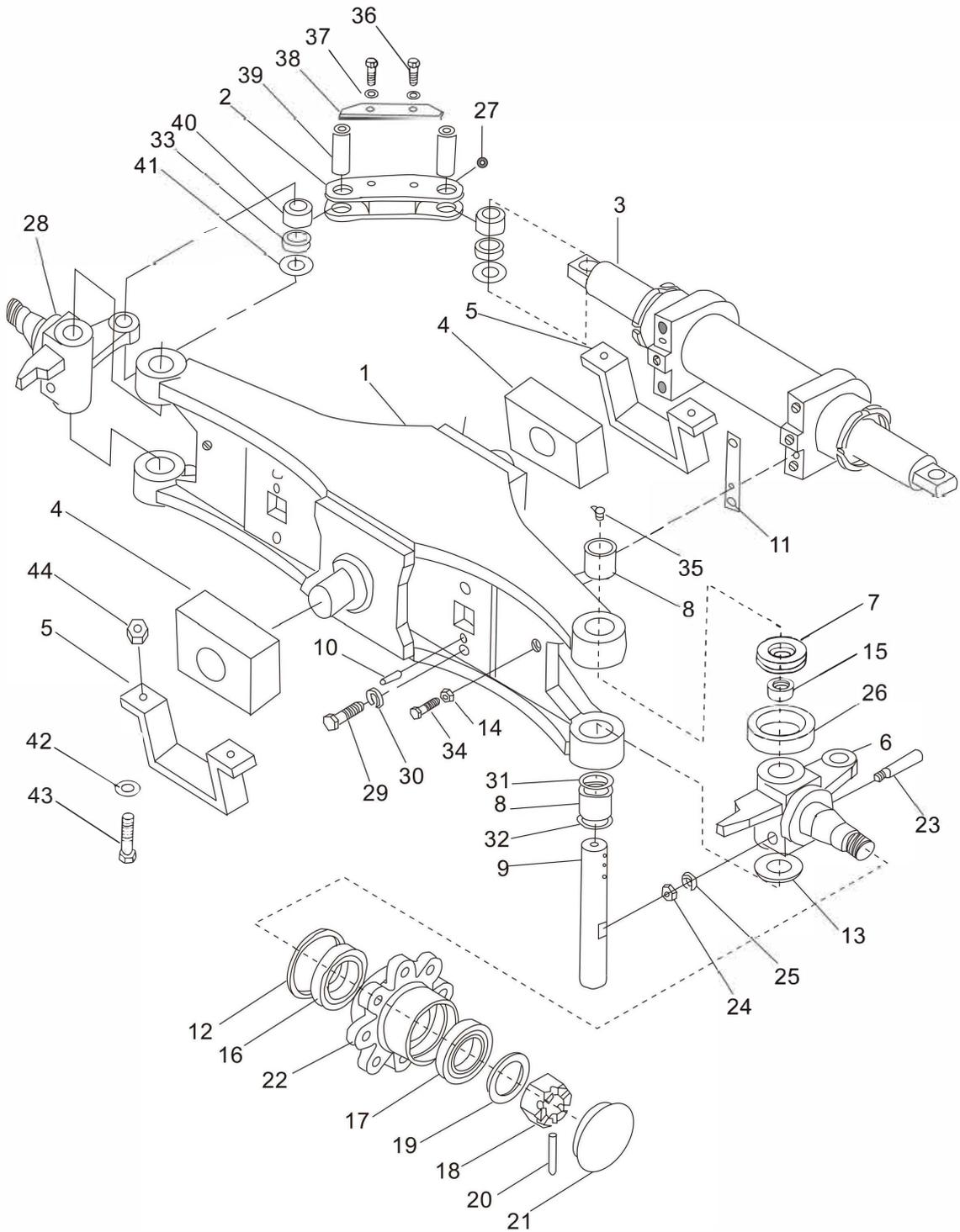
# Steering control



## 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 I	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	

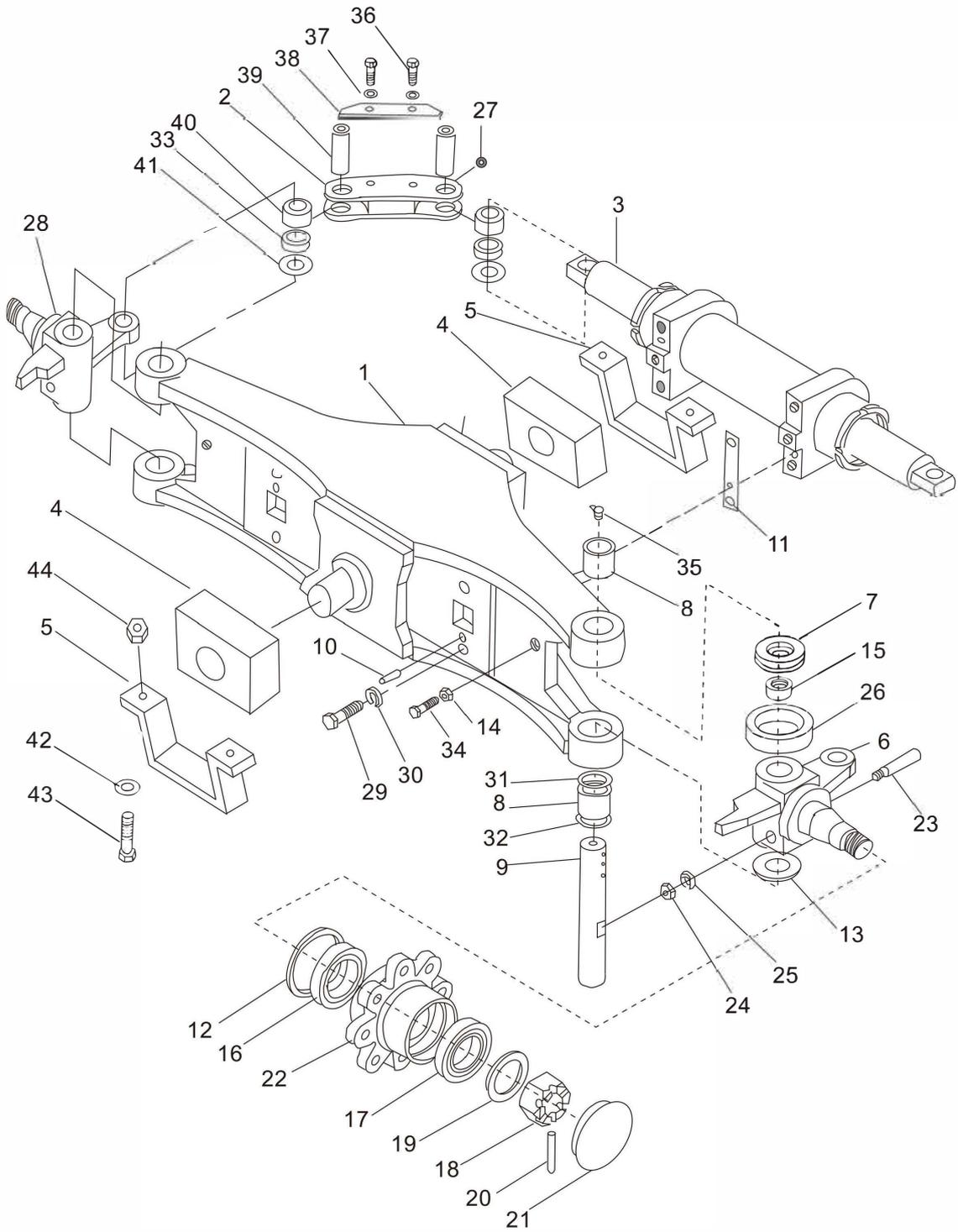
# Steering axle



## Steering axle

Item	Part No	Description	Q'ty	Remark
1	A30A6-10200	Axle ass'y	1	
2	A30A6-10201	Link	2	
3	A30A6-10400	Power cylinder ass'y	1	
4	A30A6-10001	Rubber	2	
5	A30A6-10002	Bracket	2	
6	A30A6-10500(R)	Knuckle R. H. ass'y	1	
7	GB/T301	8208 Bearing	2	
8	GB/T290	943/32 Bearing	4	
9	A30A6-10202	Pin, king	2	
10	GB/T119.1	10×20 Pin	2	
11	A30A6-10203	Shim	4	
12	GB/T9877.1	B85×110×12D U-ring	2	
13	A30A6-10204	Shim	2	
14	GB/T6170	M12 Nut	2	
15	A30A6-10205	Cap	2	
16	GB/T297	30211 Bearing	2	
17	GB/T297	30207 Bearing	2	
18	A30A6-10206	M30×2 Nut	2	
19	GB/T97. 1	30 Washer	2	
20	GB/T92	6.3×55 Pin	2	
21	A30A6-10207	Cap	2	
22	A30A6-10208	Hub	2	
23	A30A6-10209	Pin	2	

# Steering axle

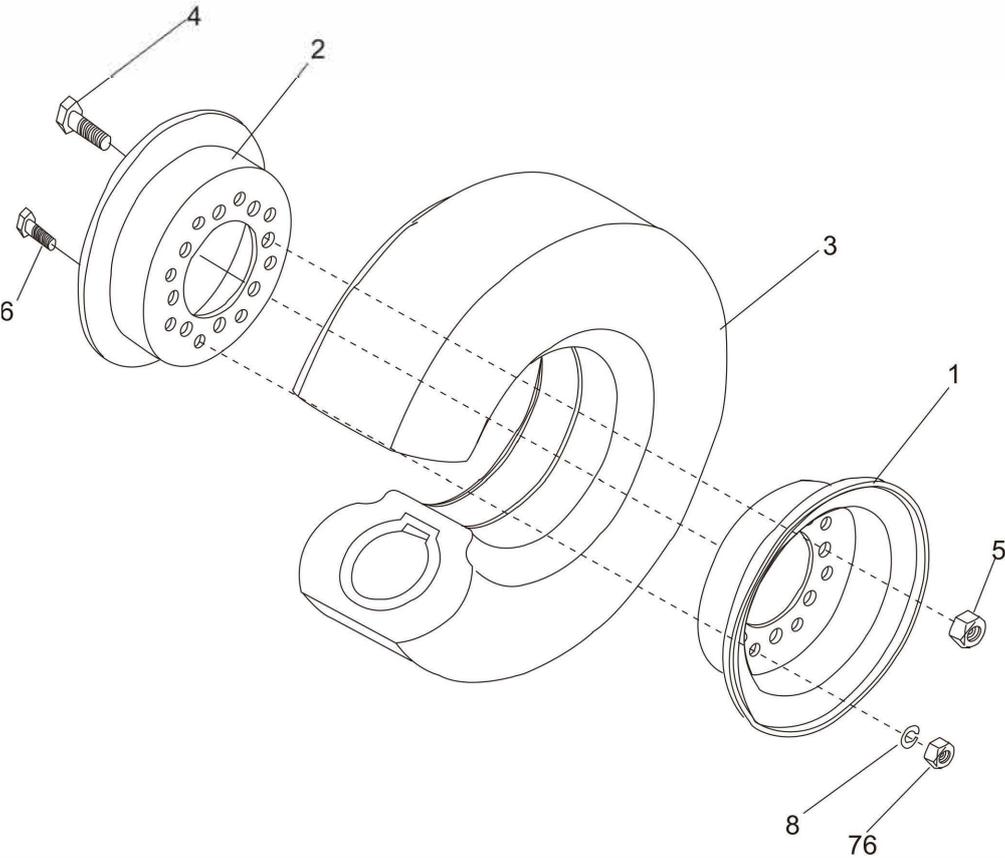


## Steering axle

Item	Part No	Description	Q'ty	Remark
24	GB/T6171	M10×1.25 Nut	2	
25	GB/T97.1	10 Washer	2	
26	A30A6-10210	Bushing	2	
27	ZBT33001.1	M6 Fitting,grease	4	
28	A30A6-10500(L)	Knuckle L. H. ass'y	1	
29	GB/T5783	M14×45 Bolt	4	
30	GB/T93	14 Washer, lock	4	
31	A30A6-10211	O-ring	2	
32	A30A6-10212	Seal, oil	2	
33	A30A6-10213	Bushing	4	
34	A30A6-10214	Bolt	2	
35	ZBT33001.2	90° Fitting,grease	2	
36	GB/T5783	M8×18 Bolt	4	
37	GB/T93	8 Washer, lock	4	
38	A30A6-10216	Baffle	2	
39	A30A6-10217	Pin	4	
40	A30A6-10218	Bearing	4	
41	A30A6-10219	Shim	4	
42	GB/T97.1	16 Washer	8	
43	GB/T5783	M16×40 Bolt	4	
44	GB/T889.1	M16 Nut	4	

---

# Steering wheel



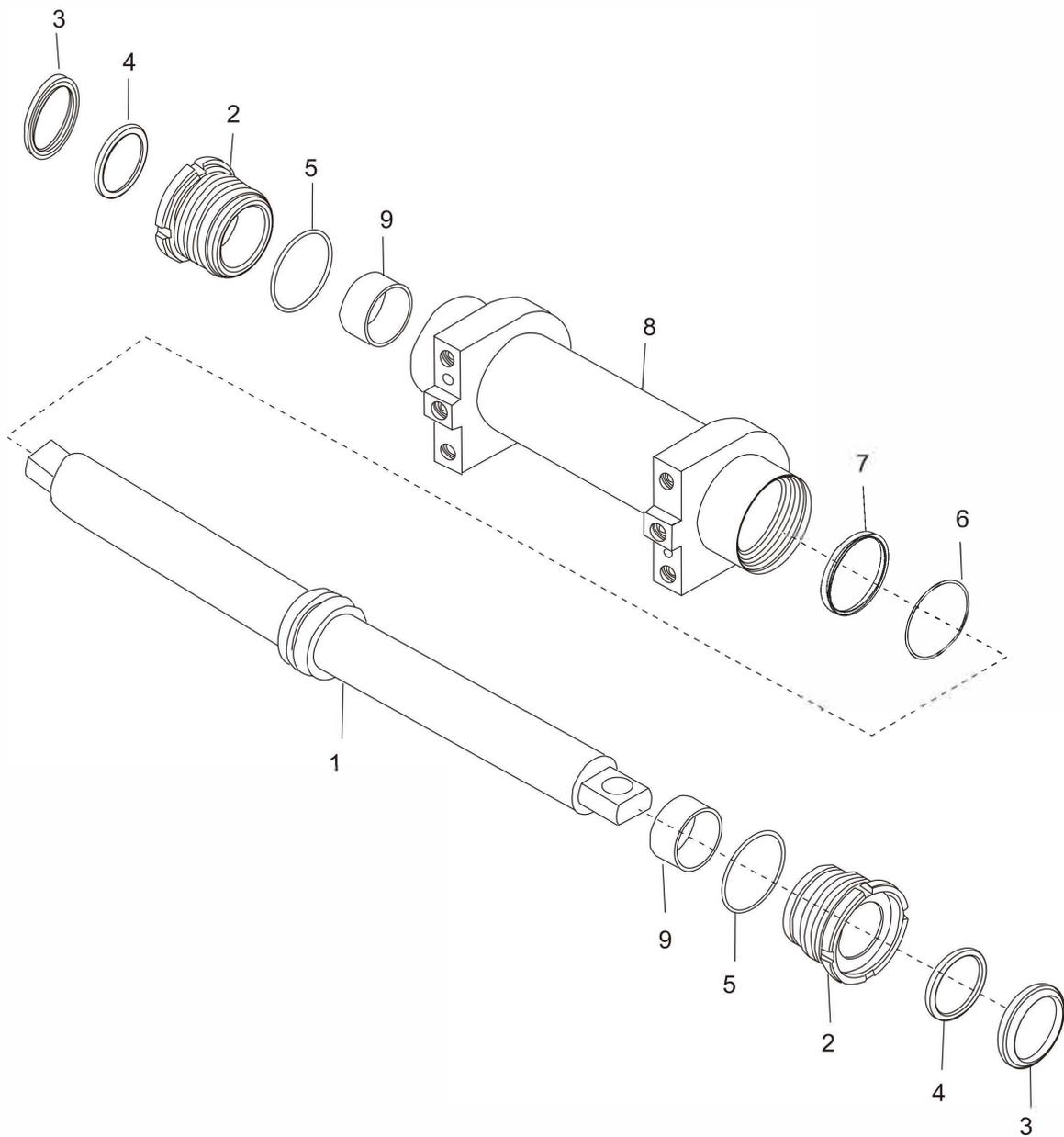
---

## Steering wheel

Item	Part No	Description	Q'ty	Remark
1	A30A6-10301	Rim outside	2	
2	A30A6-10302	Rim inside	2	
3	GB/T2982	6. 50×10-10PR Tire	2	
4	A30A6-10006	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



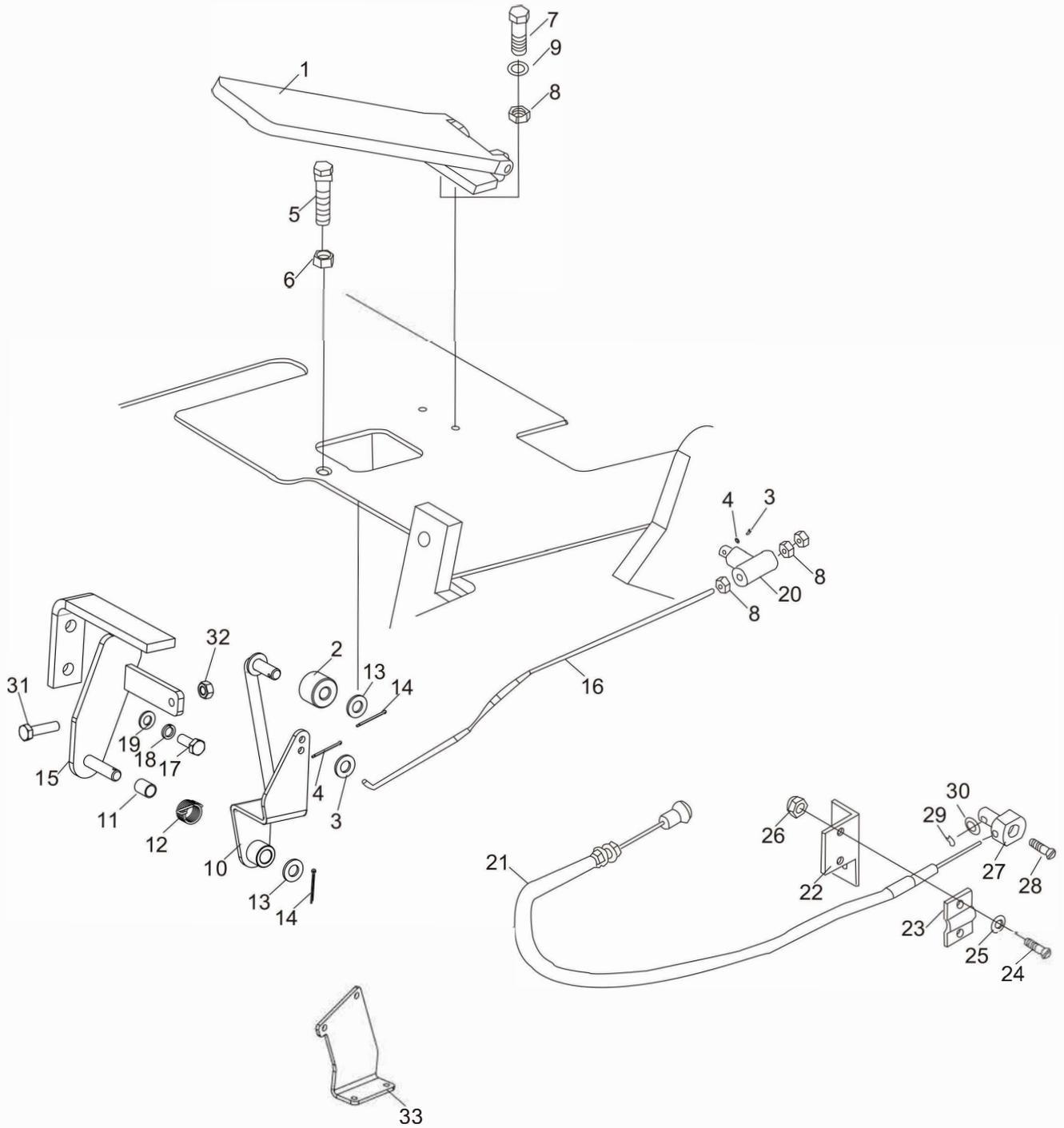
## Steering cylinder

Item	Part No	Description	Q'ty	Remark
A	A30A6-10400	Power cylinder ass'y	1	
1	A30A6-10600	Piston rod ass'y	1	
2	A30A6-10401	Cap	2	
3	A30A6-10402	50×72 Seal, dust	2	
4	A30A6-10406	50×65×9 Yx-ring	2	
5	GB/T3452. 1	63×3. 55 O-ring	2	
6	GB/T3452. 1	60×3. 55 O-ring	1	
7	A30A6-10403	Seal, slipper	1	
8	A30A6-10404	Body, power steering	1	
9	A30A6-10405	5030 Bearing	2	

---

## D. ACCELERATOR PEDAL

Accelerator pedal      FD30/38/-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/  
X25/X27/X24/X28

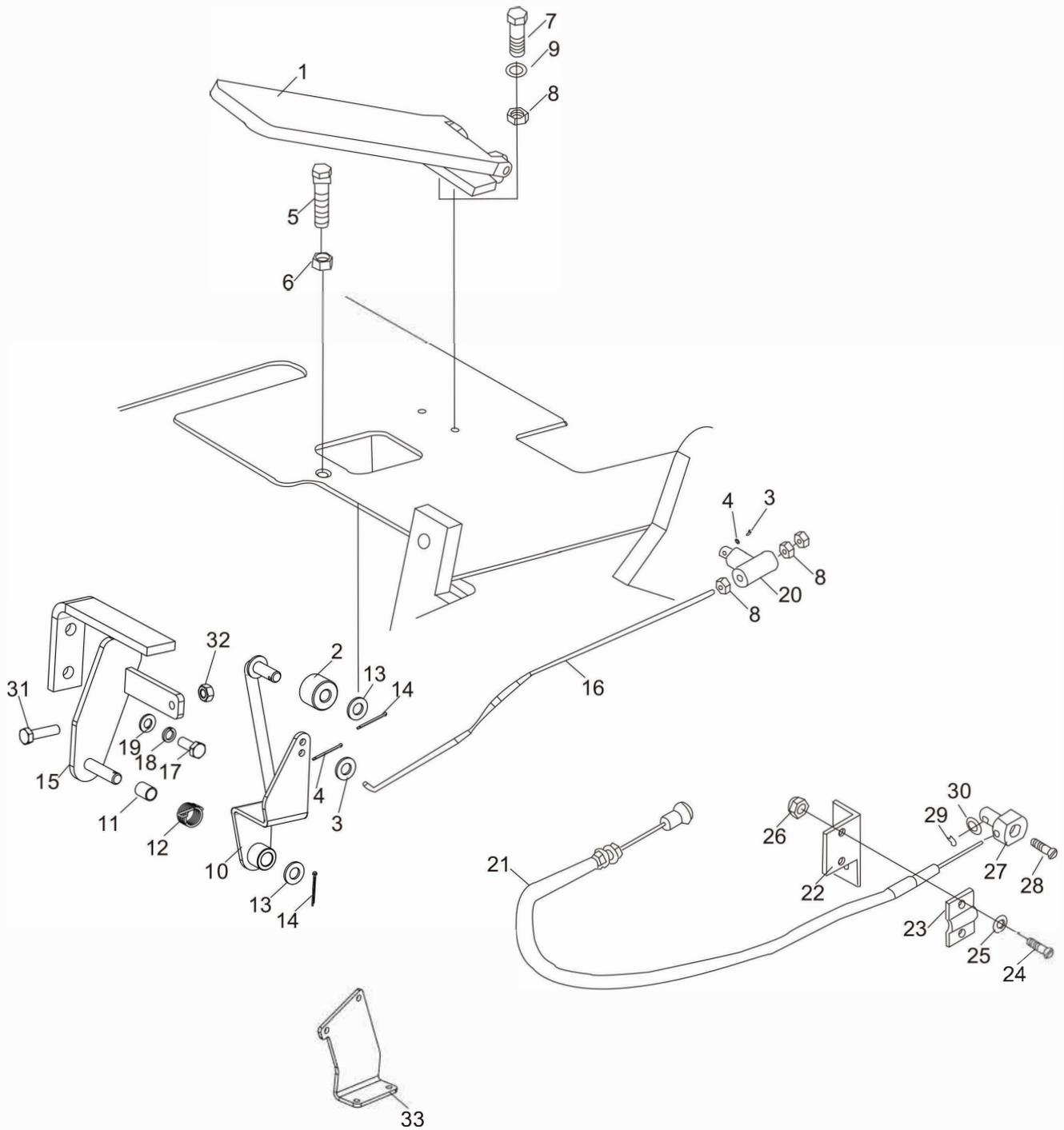


Accelerator pedal      FD30/38/-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/  
X25/X27/X24/X28

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	Connection frame 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	A30C7-30320	Bracket	1	
16	A30A7-30004	Link	1	
17	GB/T5783	M8×20 Bolt	2	
18	GB/T93	8 Washer,lock	2	
19	GB/T97.1	8 Washer	2	
20	A30C7-30001	Clevis	1	
21	A30C7-30100	Pedal	1	
22	A30A7-30005	Bracket	1	
23	A30A7-30006	Bracket	1	
24	GB/T29.2	M6×30 Bolt	2	
25	GB/T93	6 Washer,lock	2	
26	GB/T6170	M6 Nut	2	

---

Accelerator pedal      FD30/38/-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/  
X25/X27/X24/X28

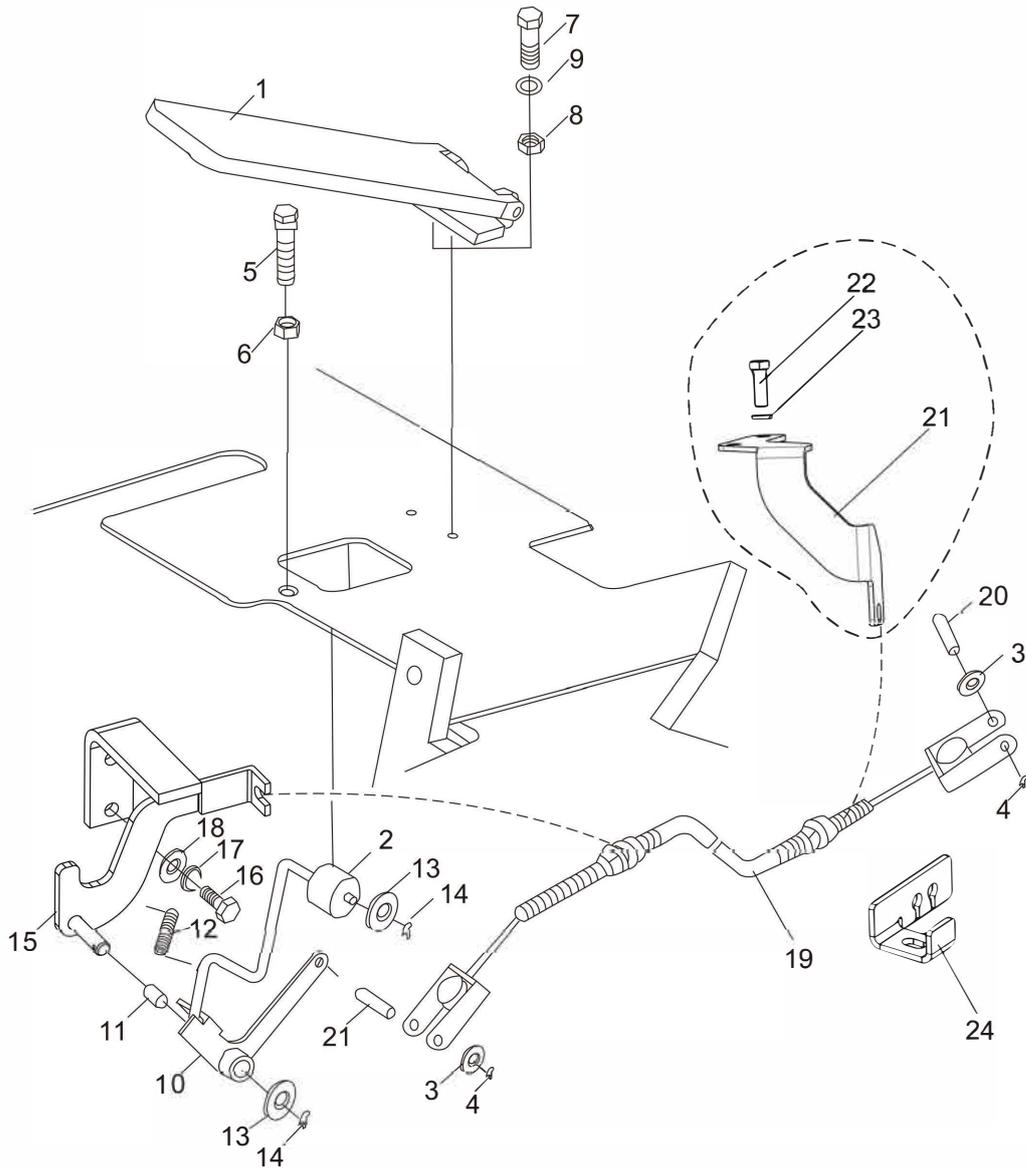


Accelerator pedal      FD30/38/-X18/X19/X17/X2/X3/X4/X10/X12/X13/X14/  
X25/X27/X24/X28

Item	Part No	Description	Q'ty	Remark
27	A30A7-30008	Clevis	1	
28	GB/T29.2	M5×10 Bolt	1	
29	GB/T91	1.6×16 Pin	1	
30	GB/T97.1	10 Washer	1	
31	GB/T5783	M8×30 Bolt	1	
32	GB/T6170	M8 Nut	1	
33	A30C7-30005	Bracket	1	

---

FD/Y30/38-W1/W2/R2/Y2/Y3/JH2/S2/S5/KMS4  
Accelerator pedal /D1/GQ1~3



## Accelerator pedal

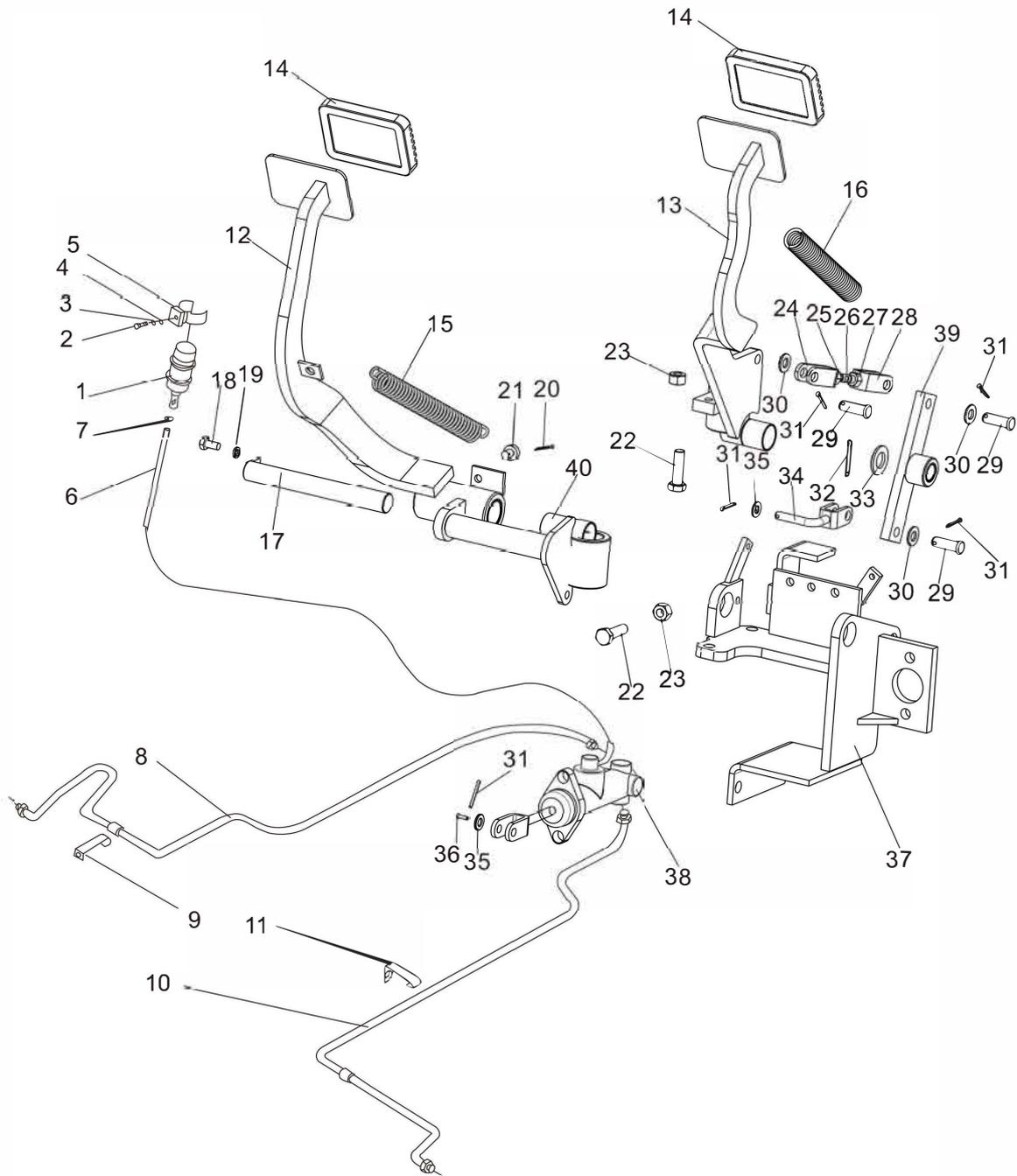
FD/Y30/38-W1/W2/R2/Y2/Y3/JH2/S2/S5/KMS4  
/D1/GQ1~3

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	Connection frame 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	A30D7-30410	Bracket	1	
16	GB/T5783	M8×20 Bolt	2	
17	GB/T93	8 Washer,lock	2	
18	GB/T97.1	8 Washer	2	
19	A30D7-30200	Soft shaft	1	FD30/38-W1/Y2/Y3/D1 /KMS4
-	A30G7-30100	Soft shaft	1	FD30/38-W2
-	A30E7-30100	Soft shaft	1	FD/Y30/38-R2/S2/GQ1~3
-	A30M7-30100	Soft shaft	1	FD30-JH2
-	A30BA7-30100	Soft shaft	1	FD30/38-S2/S5
20	GB/T882	B6×16 Pin	2	
21	A30BC7-30001	Bracket	1	FD30/38-KMS4
22	GB/T5783	M10×20 Bolt	2	FD30/38-KMS4
23	GB/T93	10 Washer,lock	2	FD30/38-KMS4
24	A30M7-30001	Bracket	1	FD30-JH2
-	A30H7-30001	Bracket	1	FD30-Y3

---

## E. BRAKE SYSTEM

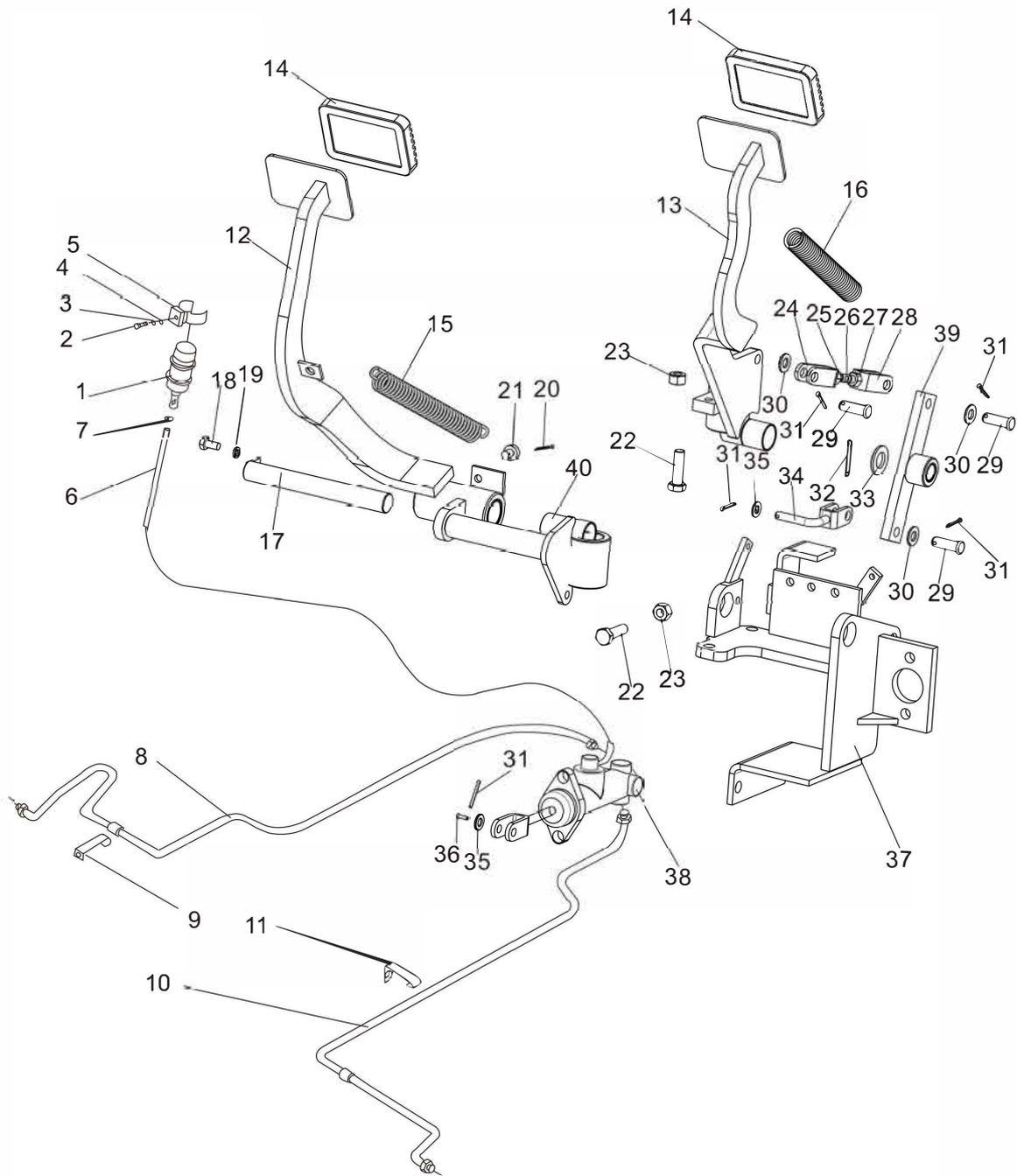
# Brake & inching control (tor-con type)



## 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	φ 10L=1500 Hose	1	
7	JB/T8870	16×10 Clip	2	
8	A30B7-10100	Hose	1	
9	A30A7-10003	Clip	1	
10	A30B7-10200	Hose	1	
11	A30A7-10004	Clip	1	
12	A30B7-11300	Clutch pedal	1	
13	A30B7-11200	Clutch pedal	1	
14	A30A7-11001	Head cover	2	
15	A30B7-11006	2 Spring	1	
16	A30B7-11005	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	2×16 Pin	1	
22	GB/T5783	M10×35 Bolt	3	
23	GB/T6170	M10 Nut	3	

# Brake & inching control (tor-con type)

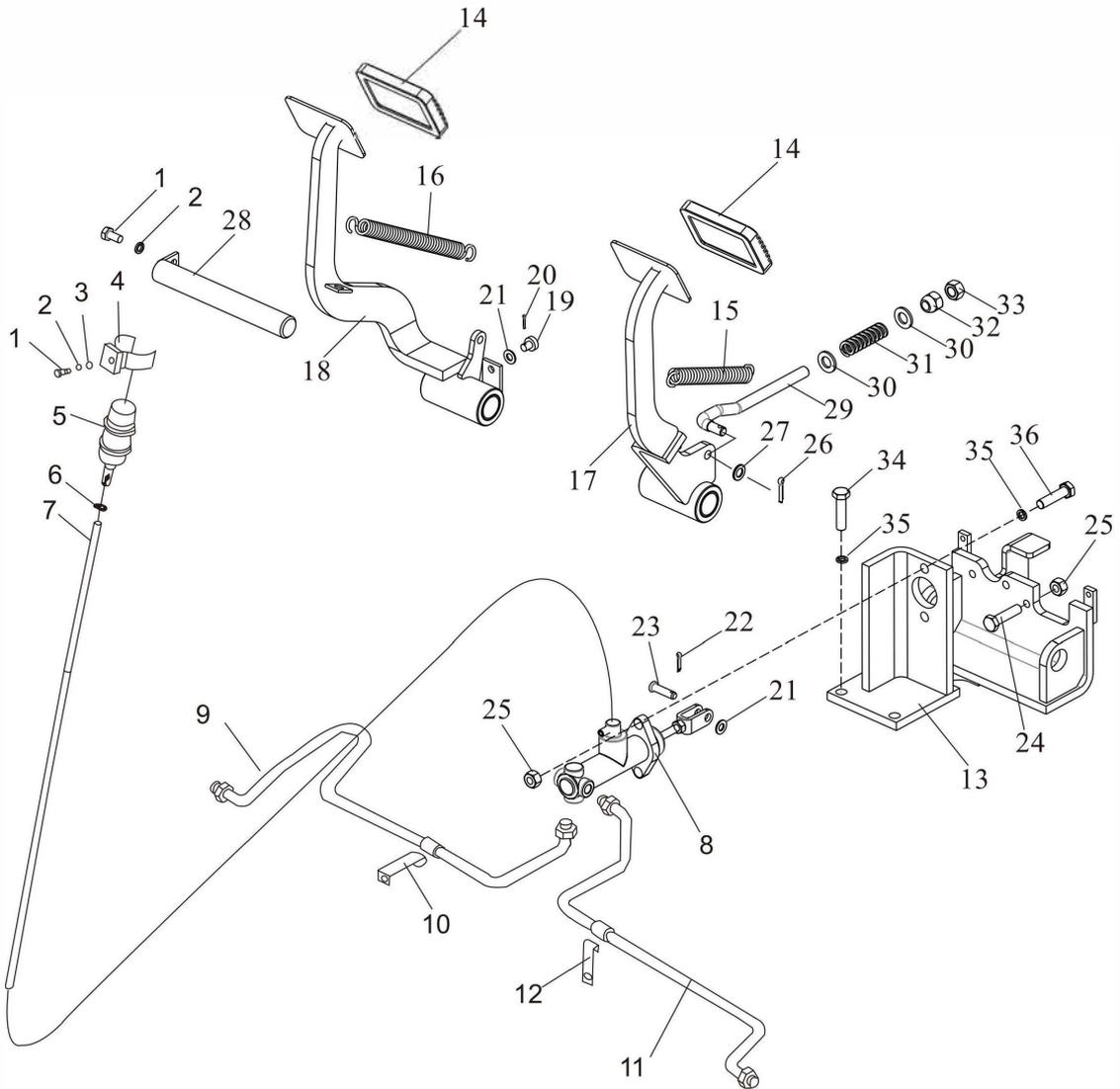


## Brake & inching control (tor-con type)

Item	Part No	Description	Q'ty	Remark
24	A30B7-11001	Clevis	1	
25	GB/T6170	Nut	1	
26	A30B7-11003	Rod	1	
27	GB/T6170	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	2.5×20 Pin	5	
32	GB/T91	3.2×28 Pin	1	
33	GB/T97.1	16 Washer	1	
34	A30B7-11600	Link	1	
35	GB/T97.1	8 Washer	2	
36	GB/T882	8×28 Pin, clevis	1	
37	A30B7-11100	Base assy	1	
38	A30A7-10400	Master cylinder	1	
39	A30B7-11000	Link	1	
40	Z2135-02525	2525 Bushing	6	

---

# Brake & clutch control (clutch-type)

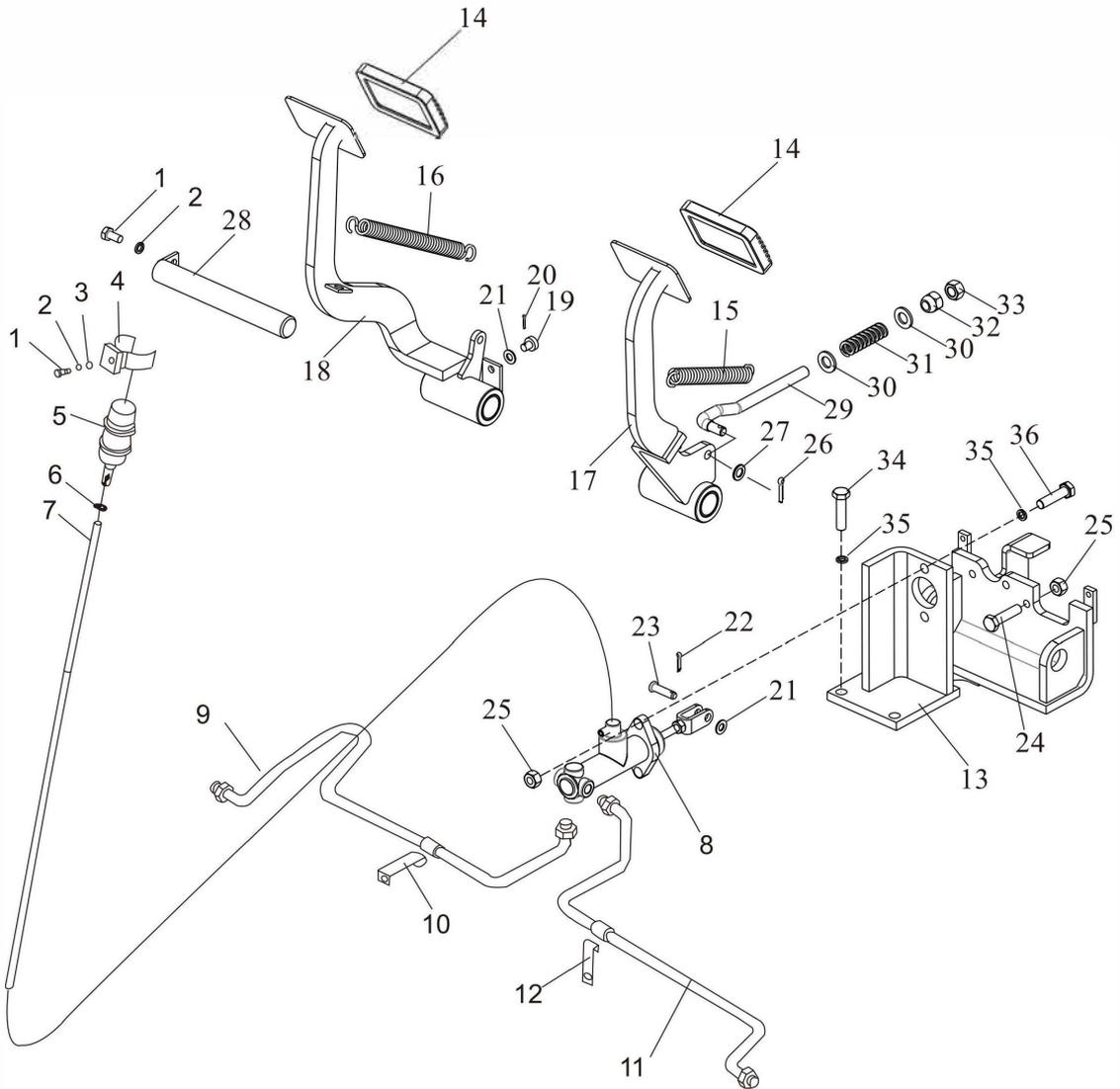


## Brake & clutch control (clutch-type)

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	JB/T8870	16×10 Clip	2	
7	TG000-10090	φ 10 L=900 Hose	1	
8	A30A7-10400	Master cylinder	1	
9	A30A7-10200	Hose (right)	1	
10	A30A7-10003	Clip	1	
11	A30A7-10300	Hose (left)	1	
12	A30A7-10004	Clip	1	
13	A30A7-11100	Base ass'y	1	
14	A30A7-11001	Head cover	2	
15	A30A7-11002	1 Spring	1	
16	A30A7-11003	2 Spring	1	
17	A30A7-11200	Clutch pedal	1	
18	A30A7-11300	Brake pedal	1	
19	A30B7-11002	Nylon	1	
20	GB/T91	2×10 Pin	1	
21	GB/T97. 1	8 Washer	2	
22	GB/T91	3.2×14 Pin	1	
23	GB/T882	φ 8×30 Pin	1	

---

## Brake & clutch control (clutch-type)

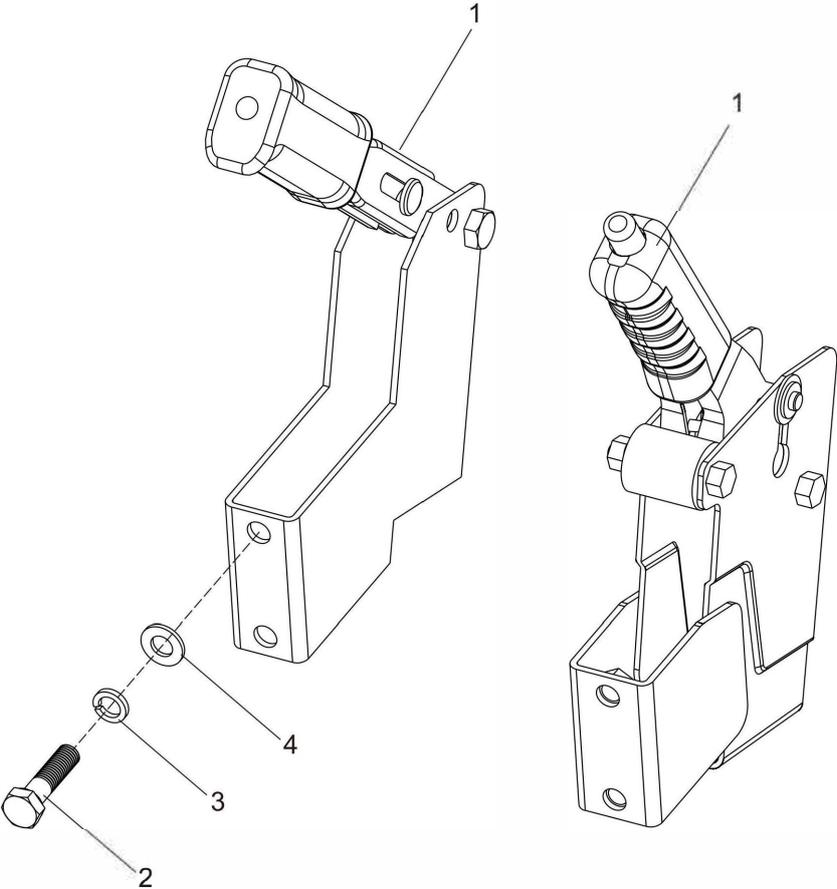


## Brake & clutch control (clutch-type)

Item	Part No	Description	Q'ty	Remark
24	GB/T5783	M10×40 Bolt	2	
25	GB/T6170	M10 Nut	4	
26	GB/T91	4×18 Pin	1	
27	GB/T97.1	10 Washer	1	
28	A30A7-11400	Pin, clevis	1	
29	A30A7-11501	Rod	1	
30	GB/T97.1	12 Washer	2	
31	A30A7-11502	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



---

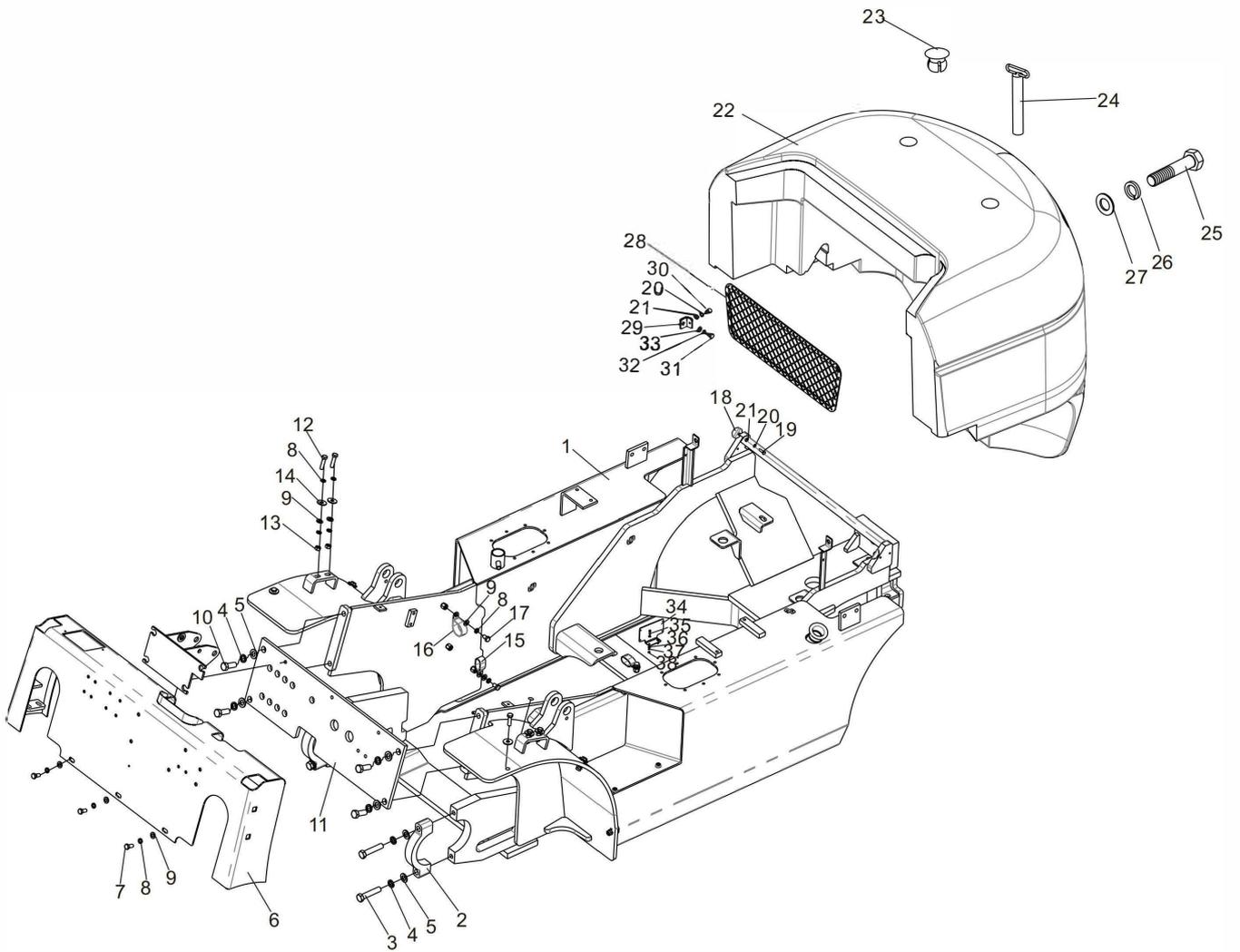
## Brake lever

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	

---

## F. BODY SYSTEM

# Frame & Counter weight

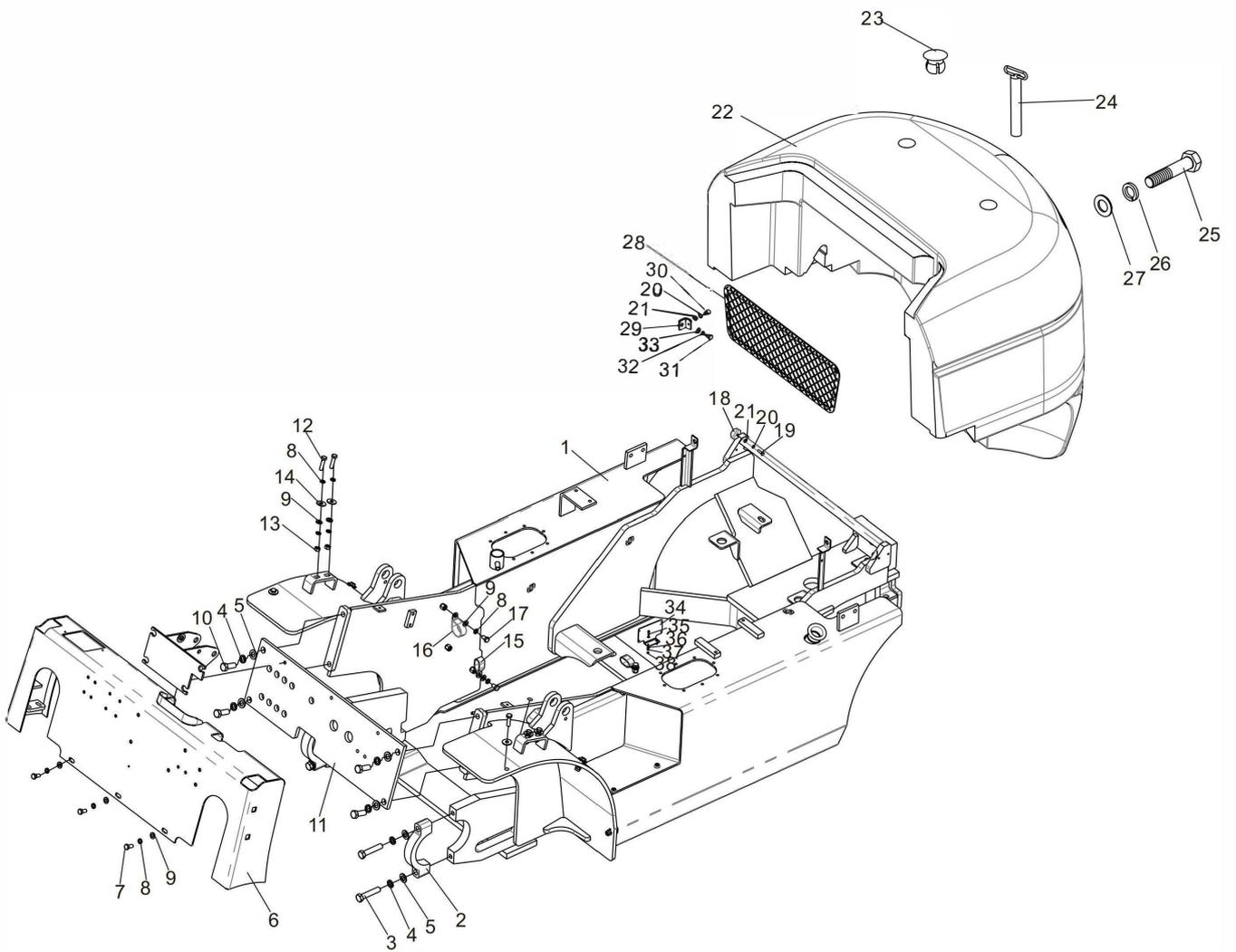


## Frame & Counter weight

Item	Part No	Description	Q'ty	Remark
1	D30PI1-10100	Frame	1	FD30/38-X18/X19/X17/X2/ X3/X4/X10/X12/X13/X14/ X25/X27/X24/X28
-	D30PK1-10100	Frame	1	FD30-W1
-	D30PU1-10100	Frame	1	FD30/38-W2
-	D30PS1-10100	Frame	1	FD30-JH2
-	D30PM1-10100	Frame	1	FD30/38-Y2/Y3
-	D30PN1-10100	Frame	1	FD30/38-R2
-	D30PQ1-10100	Frame	1	FD30/38-S2/S5
-	D30PP1-10100	Frame	1	FD30-YN1
-	D30PL1-10100	Frame	1	FD30-KMS4
-	D30PZ1-10100	Frame	1	FY30/38-GQ1/3
-	D30PZ1-10200	Frame	1	FY30/38-GQ2
-	D30PW1-10100	Frame	1	FD30/38-D1
2	M30A3-00001	Cap	2	
3	GB/T5785	M16×1.5×75×40 Bolt	4	
4	GB/T93	16 Washer,Lock	8	
5	GB/T97.1	16 Washer	8	
6	D30PI1-10500	Instrument	1	
7	GB/T5783	M10×20 Bolt	3	
8	GB/T93	10 Washer,Lock	19	
9	GB/T97.1	10 Washer	15	
10	GB/T5786	M16×1.5×40 Bolt	4	
11	D30P1-10600	Plate	1	
12	GB/T5786	M10×40 Bolt	4	
13	GB/T6170	M10 Nut	4	
14	GB/T96	10 Washer	4	
15	D30A1-11008	Clip	7	
16	D30A1-11002	Clip	1	

---

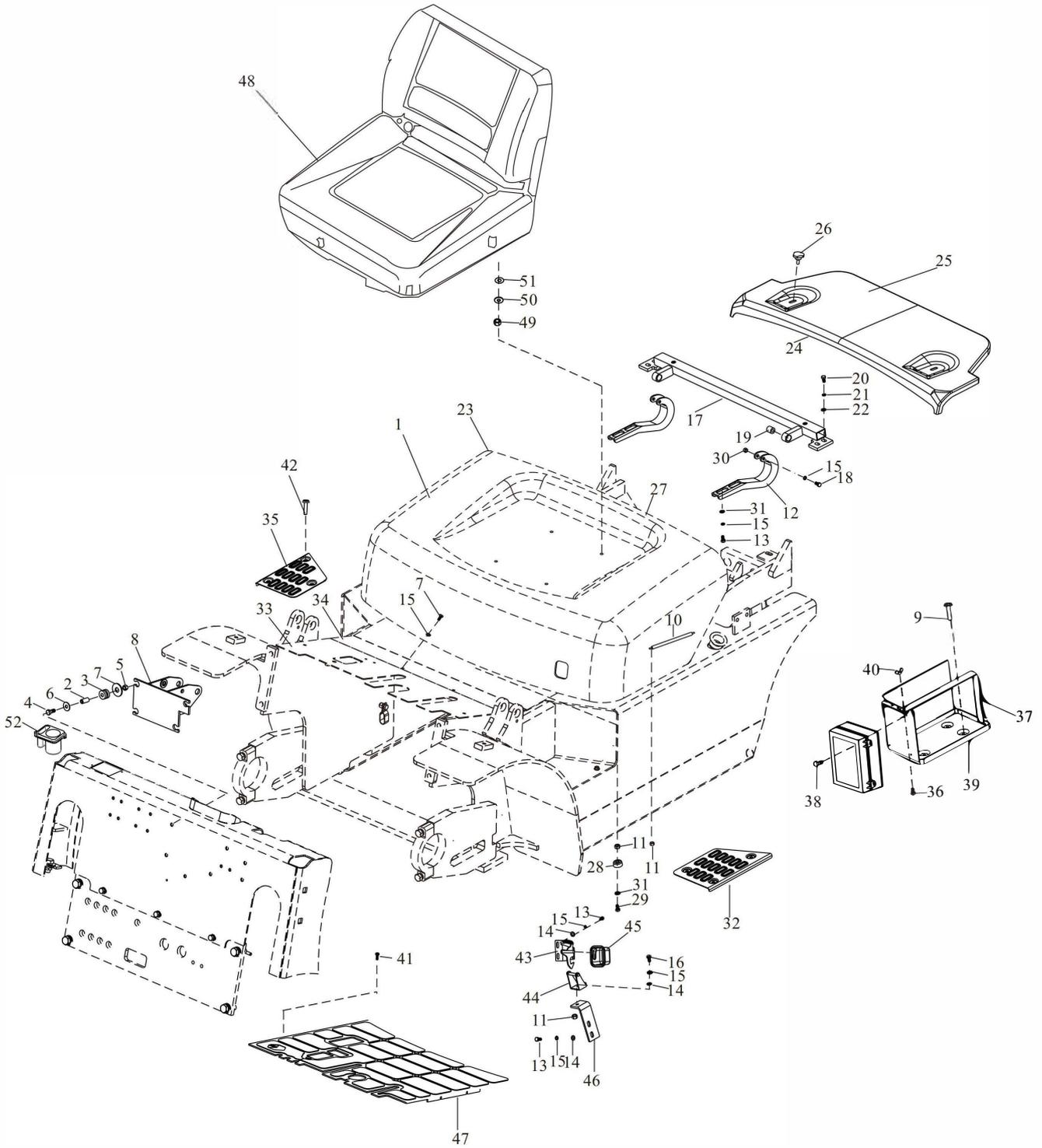
## Frame & Counter weight



## Frame & Counter weight

Item	Part No	Description	Q'ty	Remark
17	GB/T5783	M10×16 Bolt	8	
18	D30PI1-10002	Bolster	4	
19	GB/T5783	M6×20 Bolt6	4	
20	GB/T93	Washer,lock6	4	
21	GB/T97.1	Washer	4	
22	D30PI1-50001	Balance	1	3t
-	D35P1-50001	Balance	1	3.5t
-	D38P1-50001	Balance	1	3.8t
23	D30A1-50002	Weight cover	2	
24	D30A1-50100	Pin	1	
25	GB/T5782	M36×200 Bolt	1	
26	GB/T93	36 Washer,Lock	1	
27	D30C1-50004	Washer	1	
28	D30PI1-50010	Balance net	1	
29	D30A1-50003	Bracket	2	
30	GB/T5783	M6×12 Bolt	2	
31	GB/T5783	M8×16 Bolt	2	
32	GB/T93	8 Washer,lock	2	
33	GB/T97.1	8 Washer	2	
34	D30PP1-10001	ECU Mounting plate	1	FD30-YN1
-	D30C1-10005	ECU Mounting plate	1	FD30/38-X25/X27/X24/X28
35	GB/T5783	M8×30 Bolt	2	FD30-YN1
36	GB/T93	8 Washer,lock	2	FD30-YN1
37	GB/T97.1	8 Washer	4	FD30-YN1
38	GB/T6170	M8 Nut	2	FD30-YN1

# Hood, Floor Board & Seat



## Hood、 Floor Board & Seat

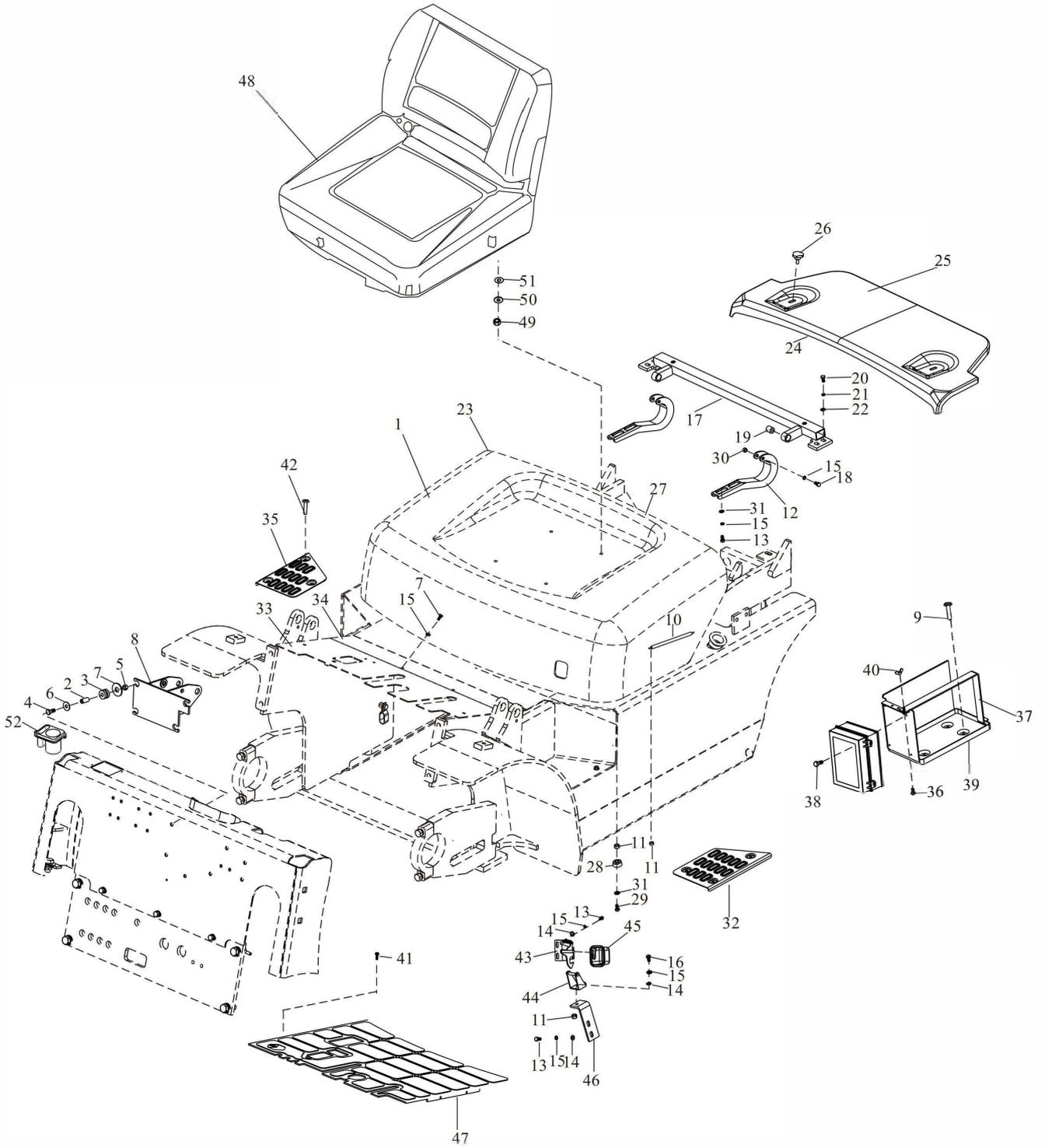
Item	Part No	Description	Q'ty	Remark
1	D30PI1-20200	Bonnet ass'y	1	
2	A30A7-40001	Pipe	4	
3	D30A1-20002	Rubber	4	
4	GB/T5783	M10×45 Bolt	4	
5	GB/T889.1	M10 Nut	4	
6	GB/T97.1	10 Washer	8	
7	A30A5-20003	Washer	4	
8	D30C1-11100	Bracket	1	
9	GB/T5787	M8×12 Bolt	2	
10	D30PI1-20004	Shock,absorber	1	
11	GB/T6170	M8 Nut	5	
12	D30PI1-20002	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	D30PI1-20100	Bracket	1	
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	D30PI1-20005	Hood insulation pad	1	
24	D30A1-20010	2 Gasket	1	



## Hood、 Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
25	D30PI1-20001	Radiator cover	1	
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	D30P1-20400	Floor board ass'y	1	
-	D30PP1-20100	Floor board ass'y	1	
-	D30R1-20100	Floor board ass'y	1	
-	D30PP1-20200	Floor board ass'y	1	
34	D30P1-20600	Back board ass'y	1	
-	D30R1-20200	Back board ass'y	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	

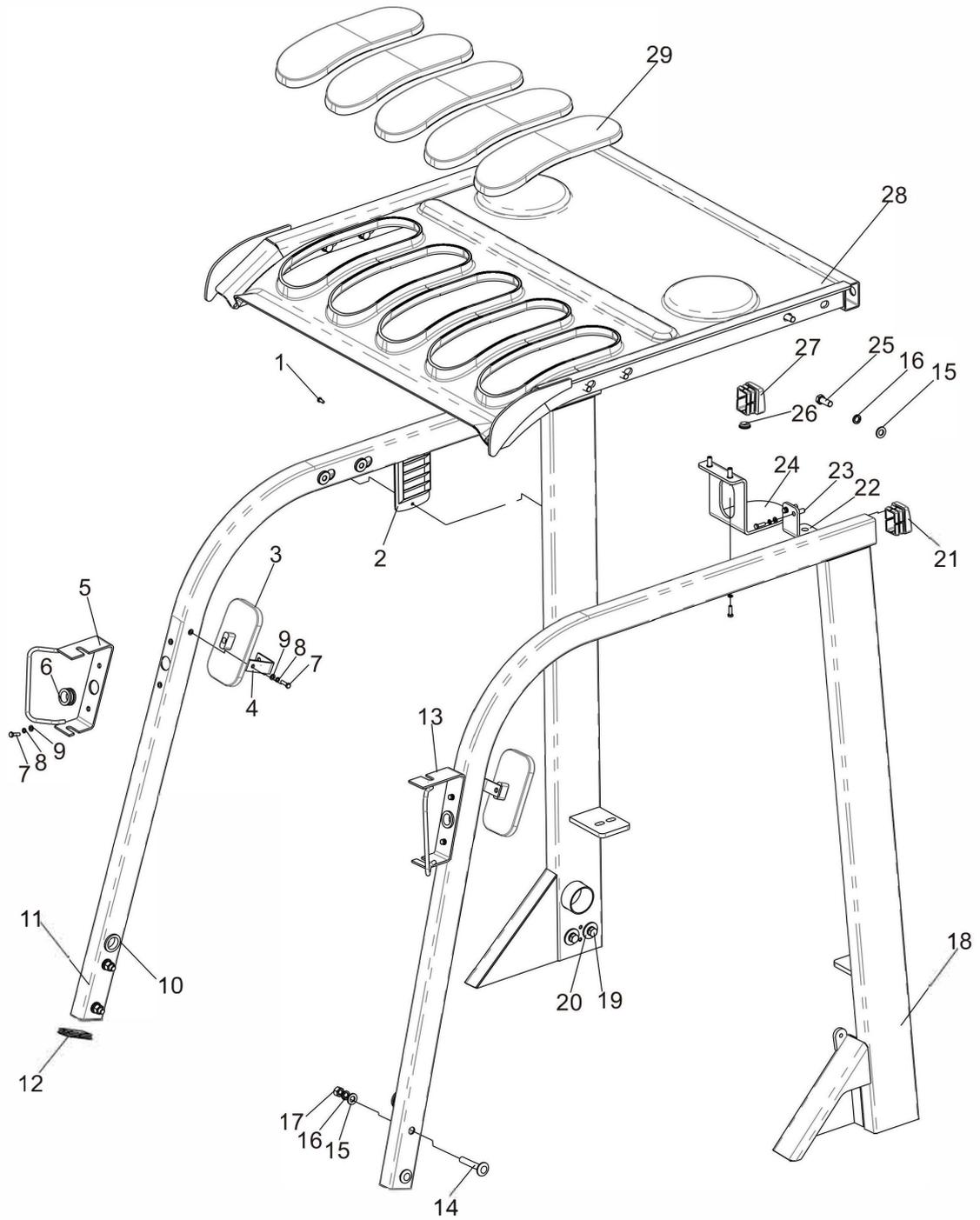
# Hood, Floor Board & Seat



## Hood、 Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
45	D30A1-20701	Hook box	1	
46	D30A1-20016	Locks Support	1	
47	D30C1-20411	Mat-floor	1	
-	D30C1-20404	Mat-floor	1	
48	A30A1-00200	Seat	1	
-	A30A1-00100	BF2 Seat	1	
-	A30A1-00500	BF2 Seat	1	
-	A30A1-00400	Seat	1	
-	A30A1-00700	BF5 Seat	1	
-	A30A1-00900	BF5 Seat	1	
49	GB/T6170	M8 Nut	4	
50	GB/T93	8 Washer,lock	4	
51	GB/T97.1	8 Washer	4	
52	D30PI1-20003	Box	1	

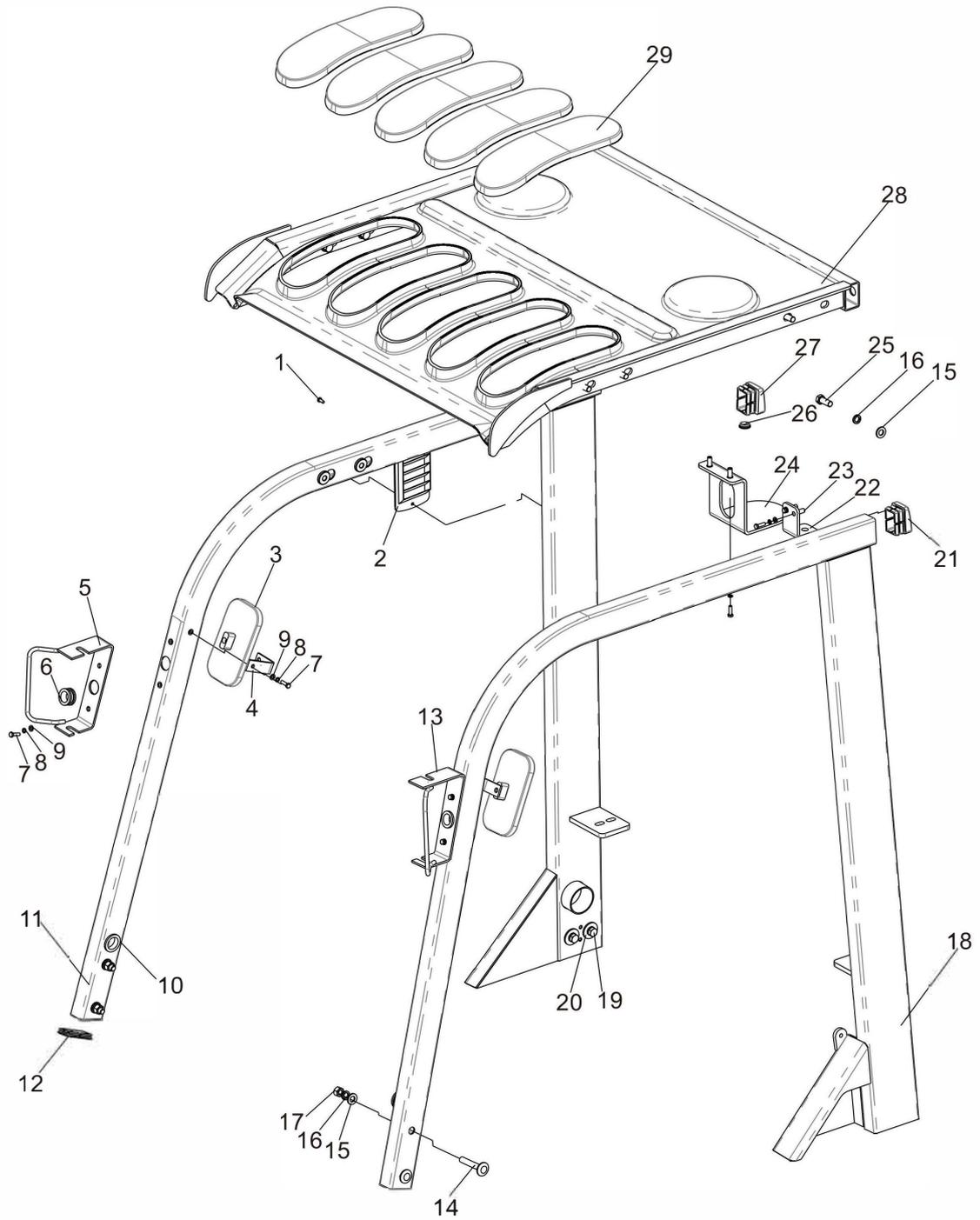
# Head guard



## Head guard

Item	Part No	Description	Q'ty	Remark
1	GB/T818	M5×12 Bolt	2	
2	D45I1-30003	Cover	1	
3	D30A1-30800	Back-mirror	2	
4	D30A1-30002	Guard	2	
5	D30A1-30700R	Guard,lamp F(Right)	1	
6	D30A1-30004	rubber ring I	2	
7	GB/T5783	M6×20 Bolt	10	
8	GB/T93	6Washer, Lock	10	
9	GB/T97.1	6Washer	10	
10	D30A1-30005	rubber ring II	3	
11	D30PI1-30300	Ground jack R.H.	1	
12	D30C1-30003	Blanking cap	2	
13	D30A1-30700L	Guard,lamp F (Left)	1	
14	D30P1-30001	Bolt	4	
15	GB/T97.1	12 Washer	12	
16	GB/T93	12 Washer,lock	16	
17	GB/T6170	M12 Nut	4	
18	D30PI1-30200	Ground jack L.H.	1	
19	GB/T5783	M12×40 Bolt	4	
20	GB/T96	12 Washer	4	
21	D30P1-30004L	Rear cover L.H.	1	
22	D30C1-30006	Headlight brackets	1	
23	D30C1-30001	M6 Nut	10	
24	D30C1-30005	Bracket	1	

# Head guard



---

## Head guard

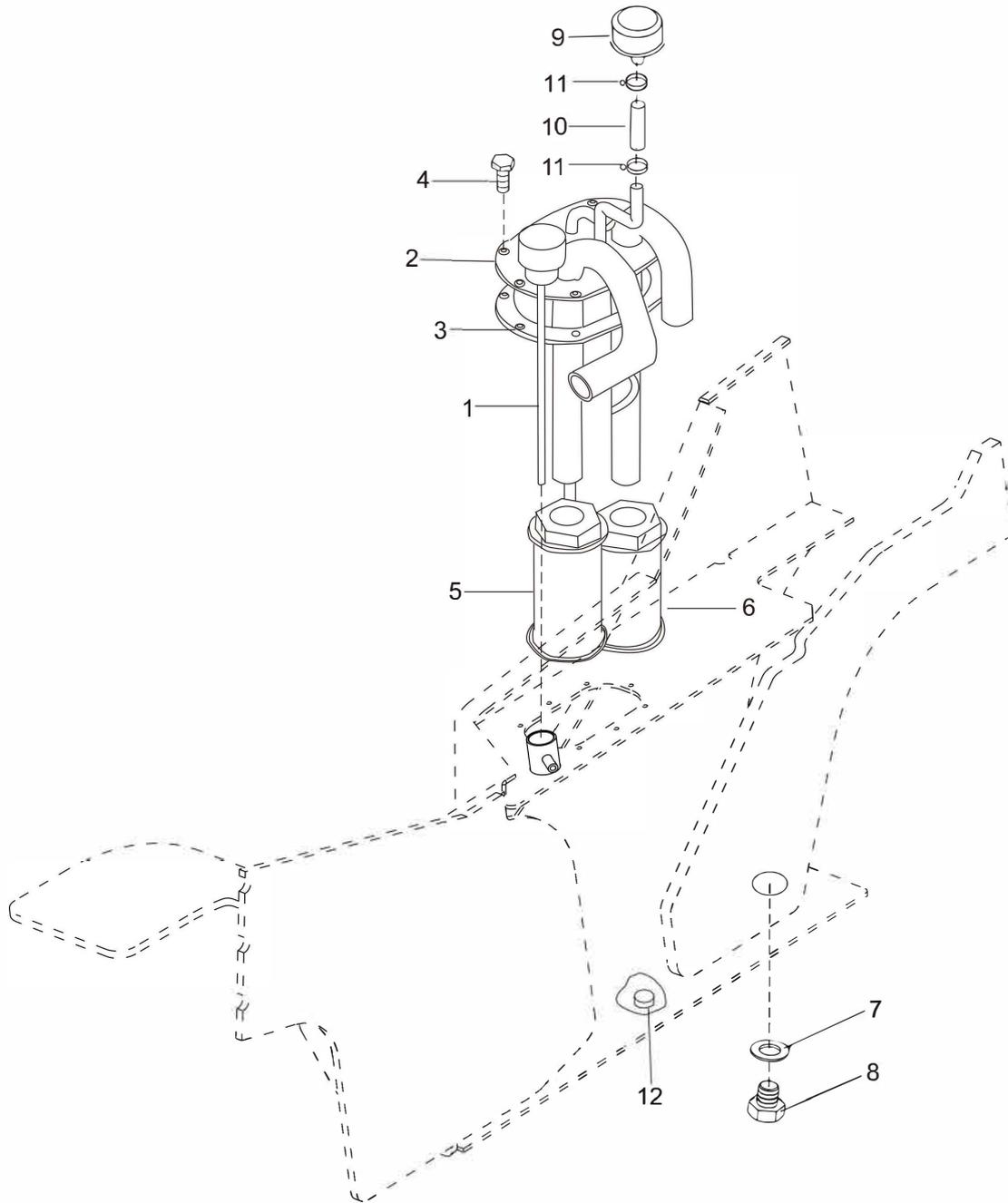
Item	Part No	Description	Q'ty	Remark
25	GB/T5783	M12×30 Bolt	8	
26	D30C1-30004	Φ20 Weight cover	1	
27	D30P1-30004R	Rear cover R.H.	1	
28	D30P11-30100	Ceiling	1	
29	D30C1-30002	Rain cover	5	

---

## G. HYDRAULIC SYSTEM

---

Oil tank

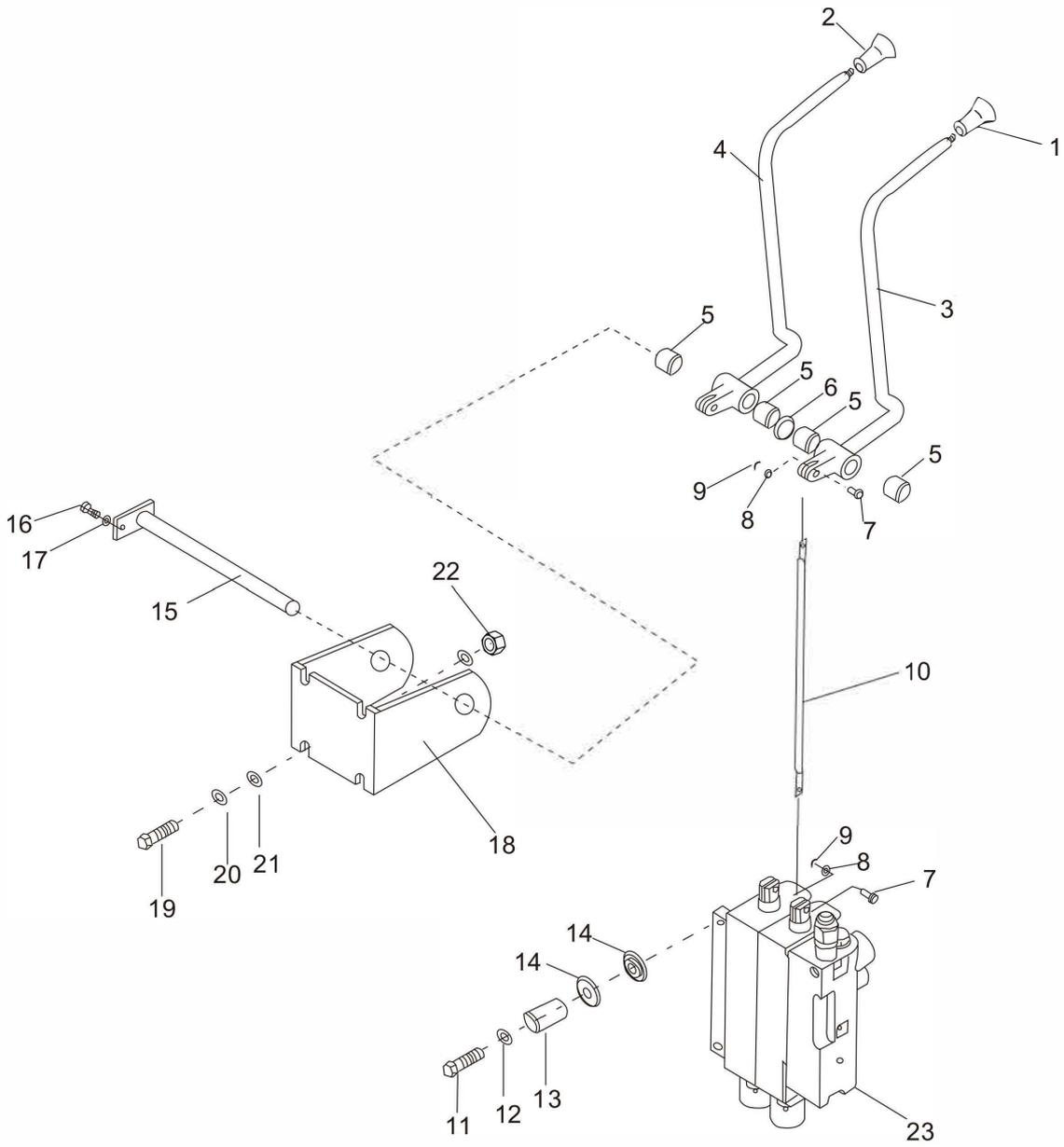


## Oil tank

Item	Part No	Description	Q'ty	Remark
1	A30A4-50100	Oiling cap ass'y	1	
2	A30PI4-50200	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	Φ10×100 Hose	1	
11	TK000-16027	Φ16~Φ27 Clip	2	
12	A30A4-50003	Magnet	1	

---

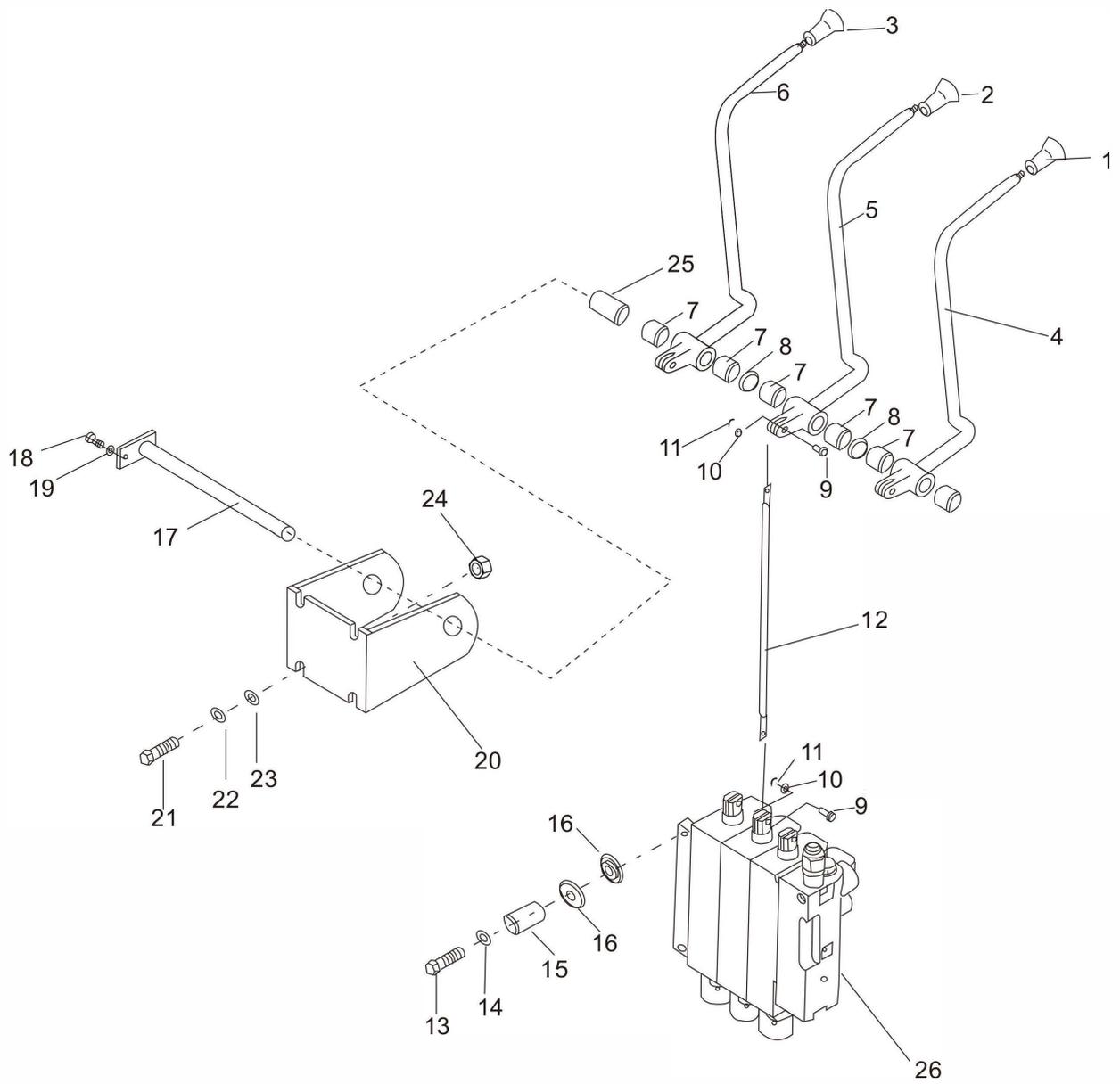
## Valve control (two-throw)



## 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	$\phi 1.6 \times 20$ Pin, cotter	4	
10	A30C7-40002	Joint	2	
11	GB/T5786	M10 $\times$ 1.25 $\times$ 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 $\times$ 10 Bolt	1	
17	GB/T93	6 Washer ,lock	1	
18	A30C7-40026	Bracket, valve lever	1	
19	GB/T5783	M8 $\times$ 25 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	

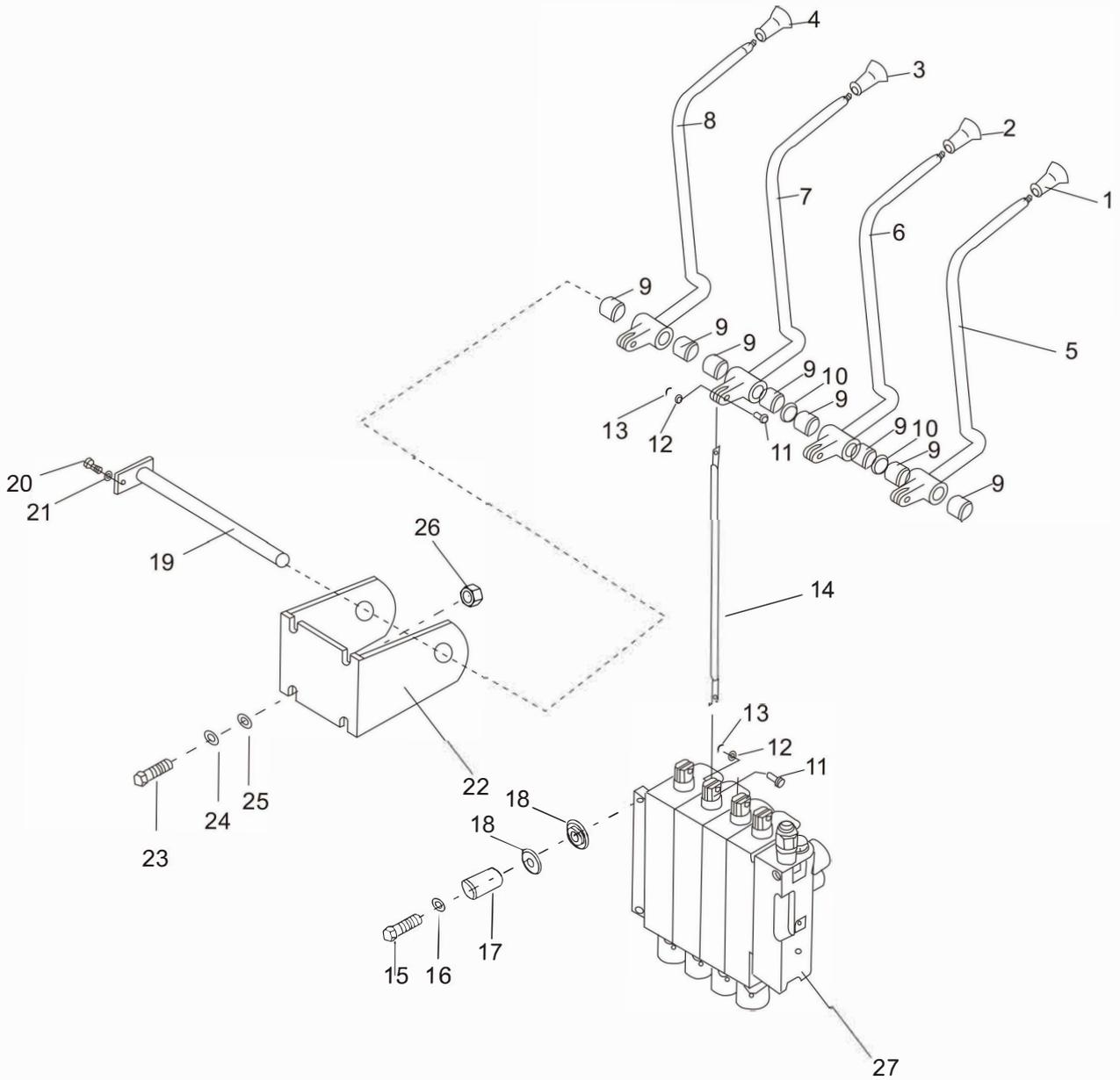
# Valve control (three-throw)



## 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	$\phi 1.6 \times 20$ Pin, cotter	6	
12	A30C7-40002	Joint	3	
13	GB/T5786	M10 $\times$ 1.25 $\times$ 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 $\times$ 10 Bolt	1	
19	GB/T93	6 Washer ,lock	1	
20	A30C7-40036	Bracket, valve lever	1	
21	GB/T5783	M8 $\times$ 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	A30A4-30000*3	Control ass'y	1	
-	A30B4-30000*3	Control ass'y	1	
-	A30C4-30000*3	Control ass'y	1	

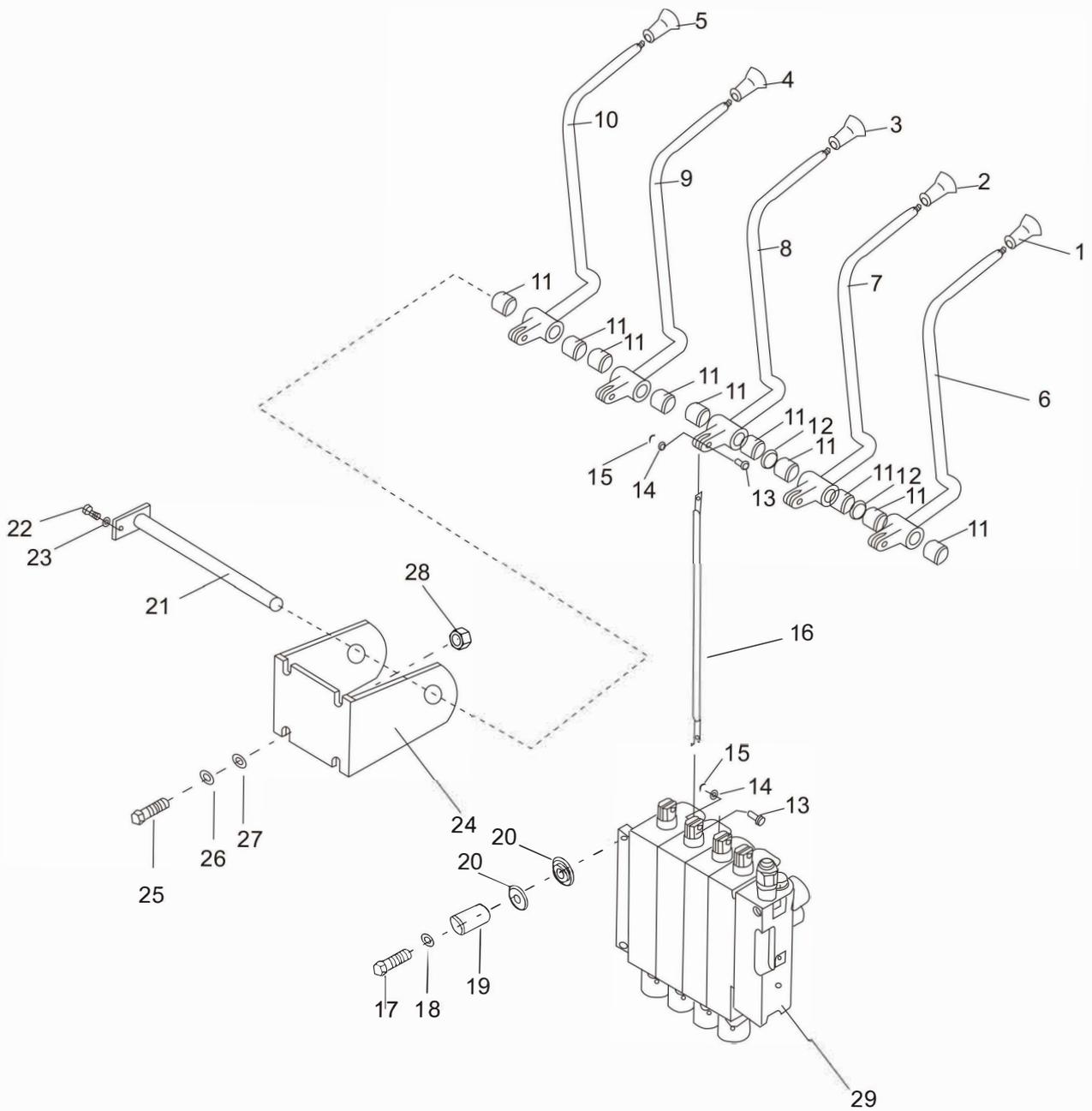
# Valve control (four-throw)



## 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	φ 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	A30A4-30000*4	Control ass'y	1	
-	A30B4-30000*4	Control ass'y	1	
-	A30C4-30000*4	Control ass'y	1	

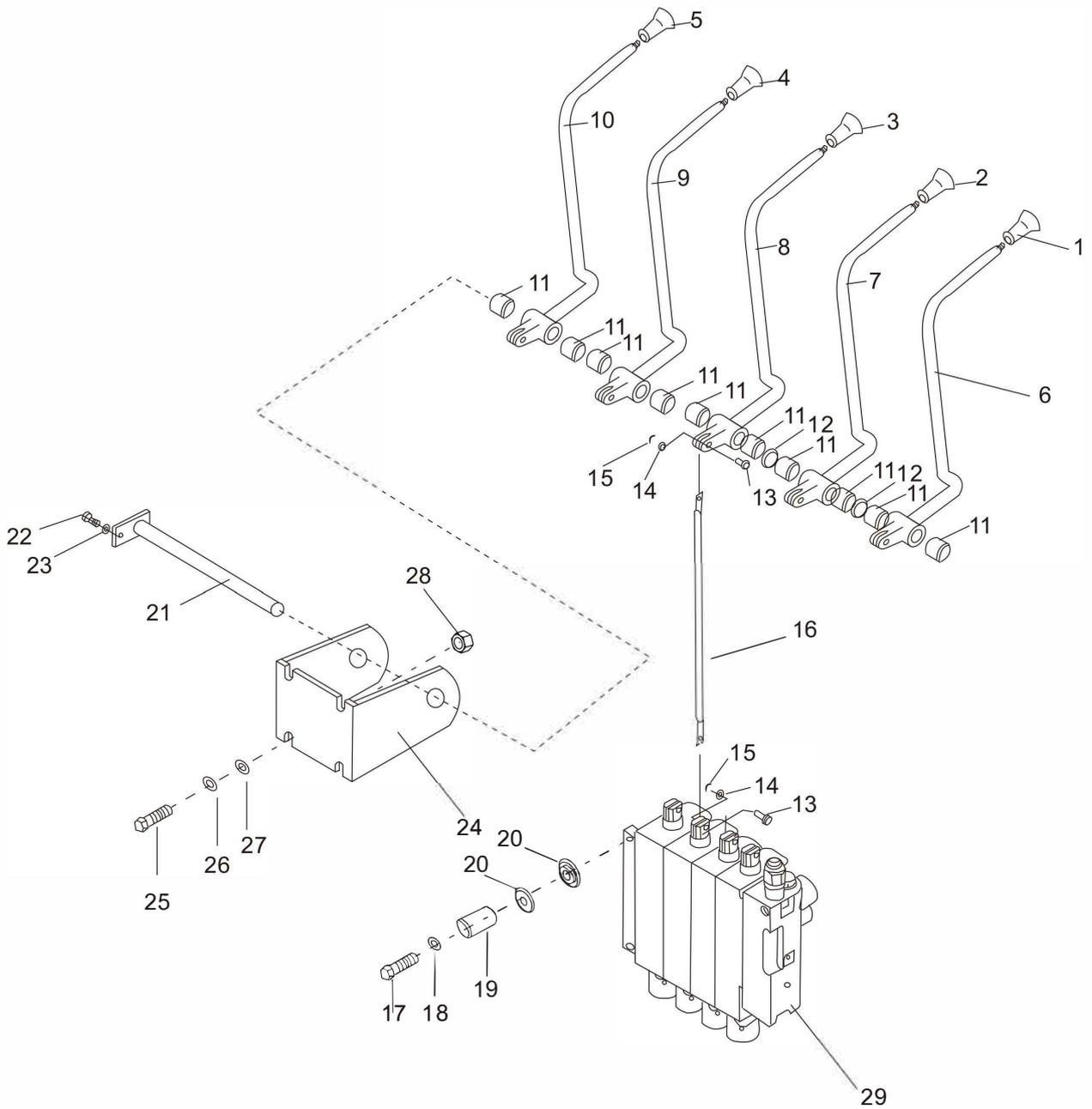
# Valve control (five-throw)



## Valve control (five-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	A30A7-40007	Knob, rotate	1	
6	A30C7-40210	Level, lift	1	
7	A30C7-40220	Level, tilt	1	
8	A30C7-40230	Lever, third	1	
9	A30C7-40240	Lever, fourth	1	
10	A30C7-40250	Lever, fifth	1	
11	A30C7-40004	1615 Bushing	10	
12	A30C7-40005	Washer	2	
13	A30C7-40001	Pin	10	
14	GB/T97.1	6 Washer	10	
15	GB/T91	Φ 1.6×20 Pin, cotter	10	
16	A30C7-40002	Joint	5	
17	GB/T5786	M10×1.25×35 Bolt	3	
18	A30A5-20003	Plate	3	
19	A30A7-40001	Coller	3	
20	A30A7-40002	Rubber	6	
21	A30C7-40130	Shaft, valve	1	
22	GB/T5783	M6×10 Bolt	1	
23	GB/T93	6 Washer ,lock	1	
24	A30C7-40046	Bracket, valve lever	1	
25	GB/T5783	M8×25 Bolt	4	
26	GB/T937	8 Washer ,lock	4	

# Valve control (five-throw)

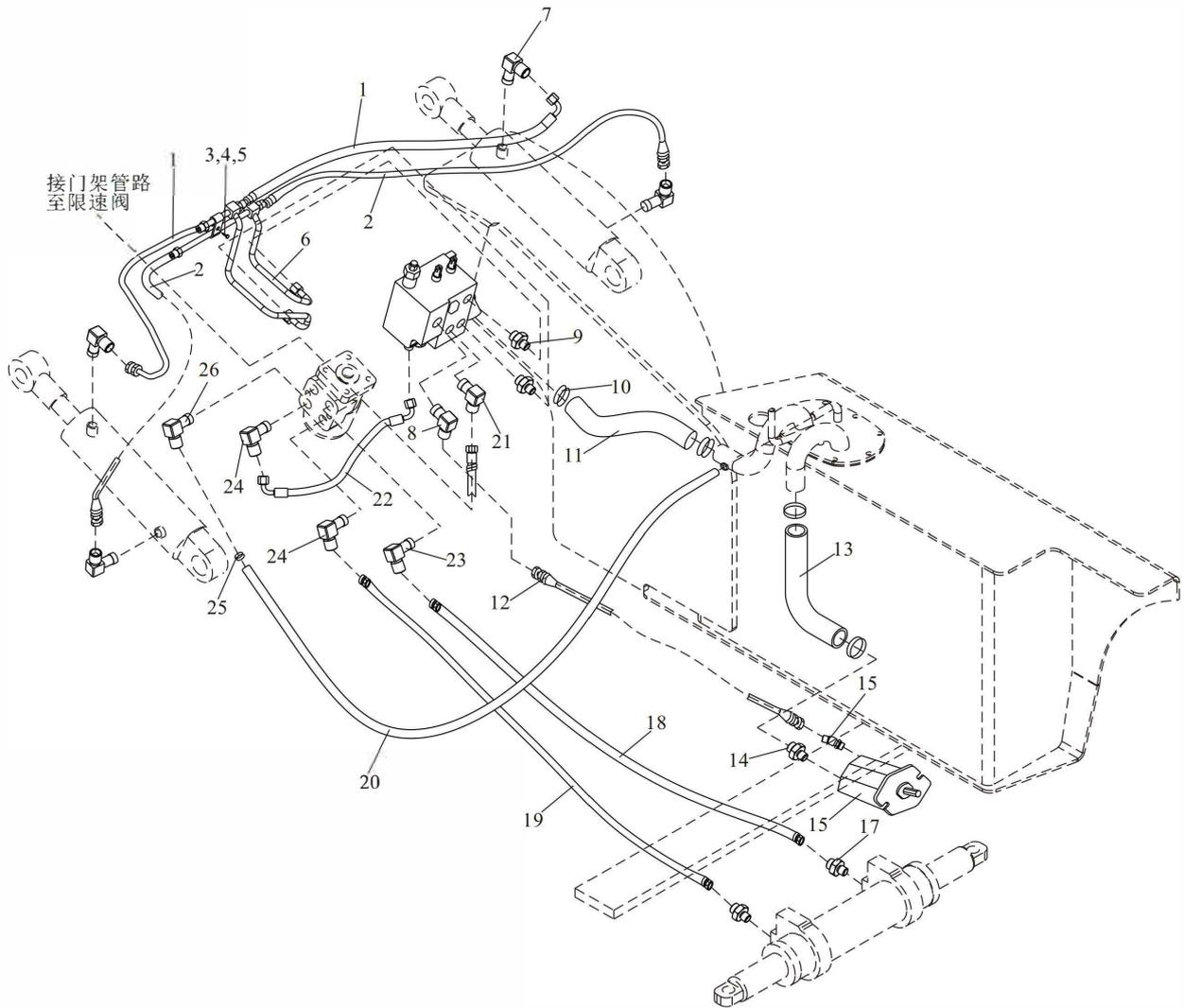


---

Valve control (five-throw)

Item	Part No	Description	Q'ty	Remark
27	GB/T97.1	8 Washer	8	
28	GB/T6170	M8 Nut	4	
29	A30A4-30000*5	Control ass'y	1	
-	A30B4-30000*5	Control ass'y	1	
-	A30C4-30000*5	Control ass'y	1	

FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25  
 Hydraulic pipeline(EX-B) /X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2/D1/GQ1/2/3

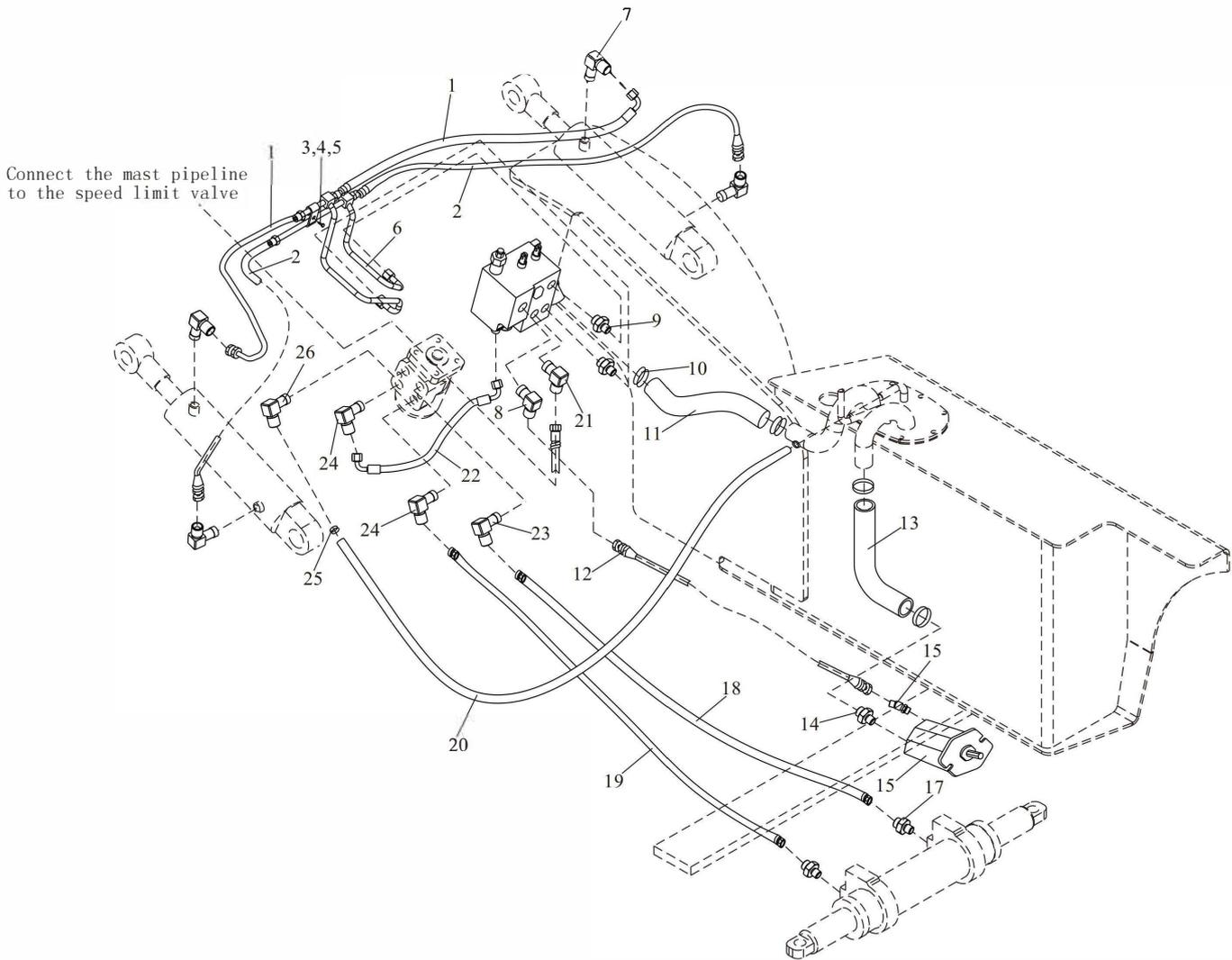


FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25  
/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2/D1/GQ1/2/3

Hydraulic pipeline(EX-B)

Item	Part No	Description	Q'ty	Remark
1	TGLBII-08037-H40*J	8II×370 Hose H. P	2	
2	TGIBII-08040*J	8II×400 Hose H. P	2	
3	GB/T5783	M10×25 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	GJT-05-00	Elbow	4	
8	GJT-18-00	Nipple	1	
9	GJT-20-00	Elbow	2	
10	JB/T8870	50×32 Clip	4	
11	A30C4-00001	Hose	1	
-	A30C4-00002	Hose	1	
12	TGIBII-13122*G	13II×1220 Hose H. P	1	
13	A30P4-00001	Hose L. P.	1	FD30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D4-00001	Hose L. P.	1	FD/Y30/38-W1/R2/Y2/Y3
-	A30G4-00001	Hose L. P.	1	FD30/38-W2/JH2
-	A30S4-00002	Hose L. P.	1	FY30/38-GQ1/2/3
-	A40B4-00001	Hose L. P.	1	FD30/38-D1
14	GJT-08-00	Nipple	1	
15	GJT-09-00	Elblow	1	
16	A30A4-20000	Gear pump	1	FD30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D4-20000	Gear pump	1	FD30/38-W1/Y2/Y3
-	A30E4-20000	Gear pump	1	FD/Y30/38-W2/D1/JH2/R2/GQ1/2/3
17	GJT-17-00	Nipple	2	标准桥选用
-	GJT-10-00	Through joint	2	铸造桥选用

Hydraulic pipeline(EX-B) FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25  
/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2/D1/GQ1/2/3

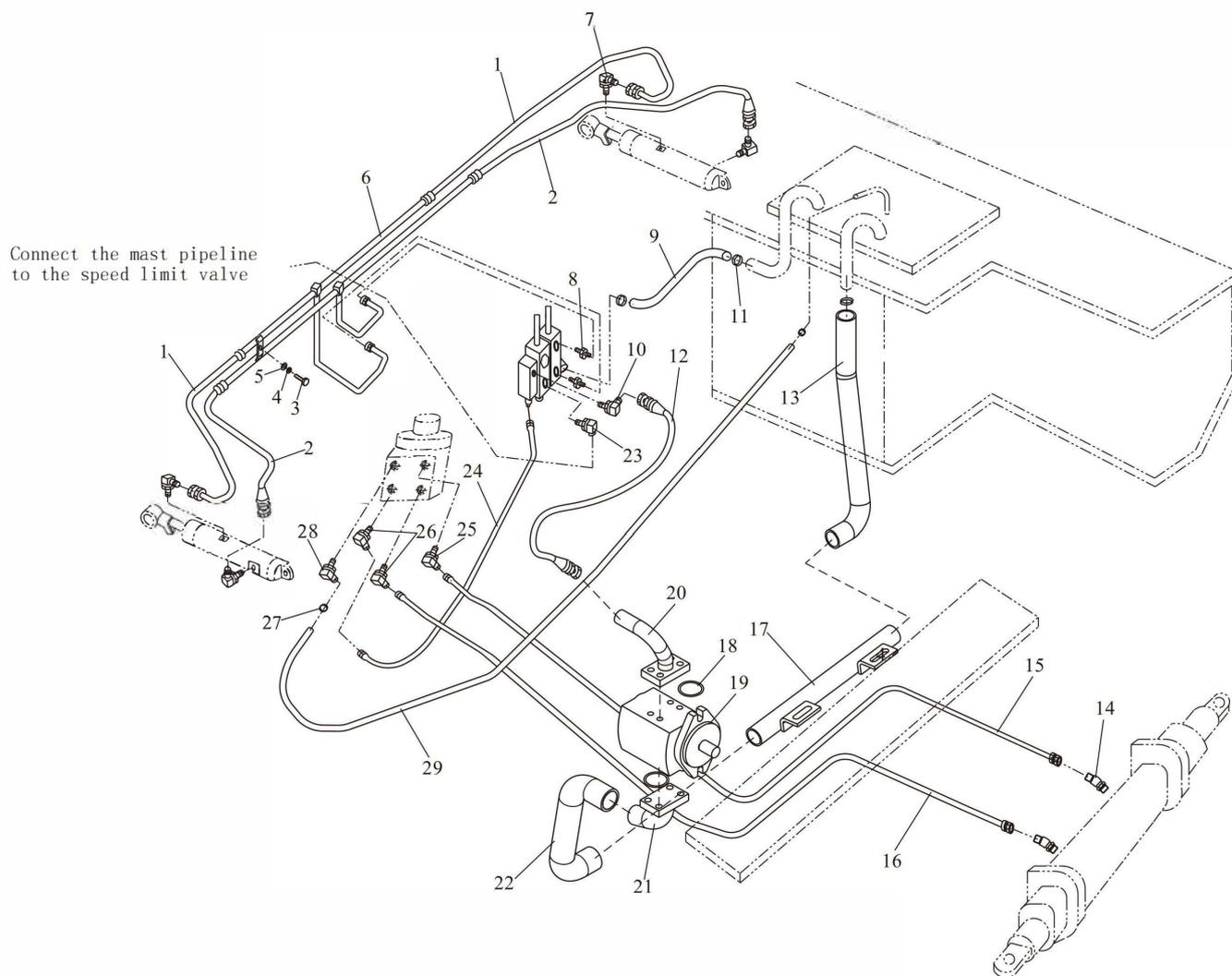


Hydraulic pipeline(EX-B) FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25  
/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2/D1/GQ1/2/3

Item	Part No	Description	Q'ty	Remark
18	TGIBI-08190*G	8I×1900 Hose H. P	1	
-	TGUBI-08210H2100h50*G	8I×2100 Hose H. P	1	
19	TGIBI-08180*G	8I×1800 Hose H. P	1	
-	TGUBI-08200H2100h50*G	8I×2000 Hose H. P	1	
20	TG000-13150	φ 13×1500 Hose L.P.	1	
21	GJT-19-00	Elbow	1	
-	GJT-70-00	Through joint	1	
22	TGUBI-08024-H35h55*G	8I×240 Hose H.P.	1	
23	<b>GJT-11-00</b>	<b>Elbow</b>	1	2-way valve
-	<b>GJT-11-00</b>	<b>Elbow</b>	2	3-way valve
-	<b>GJT-11-00</b>	<b>Elbow</b>	3	4-way valve
-	<b>GJT-11-00</b>	<b>Elbow</b>	4	5-way valve
24	<b>GJT-12-00</b>	<b>Elbow</b>	2	2-way valve
-	<b>GJT-12-00</b>	<b>Elbow</b>	3	3-way valve
-	<b>GJT-12-00</b>	<b>Elbow</b>	4	4-way valve
-	<b>GJT-12-00</b>	<b>Elbow</b>	5	5-way valve
25	JB/T8870	25×16 Clip	2	
26	GJT-13-00	Elbow	1	

---

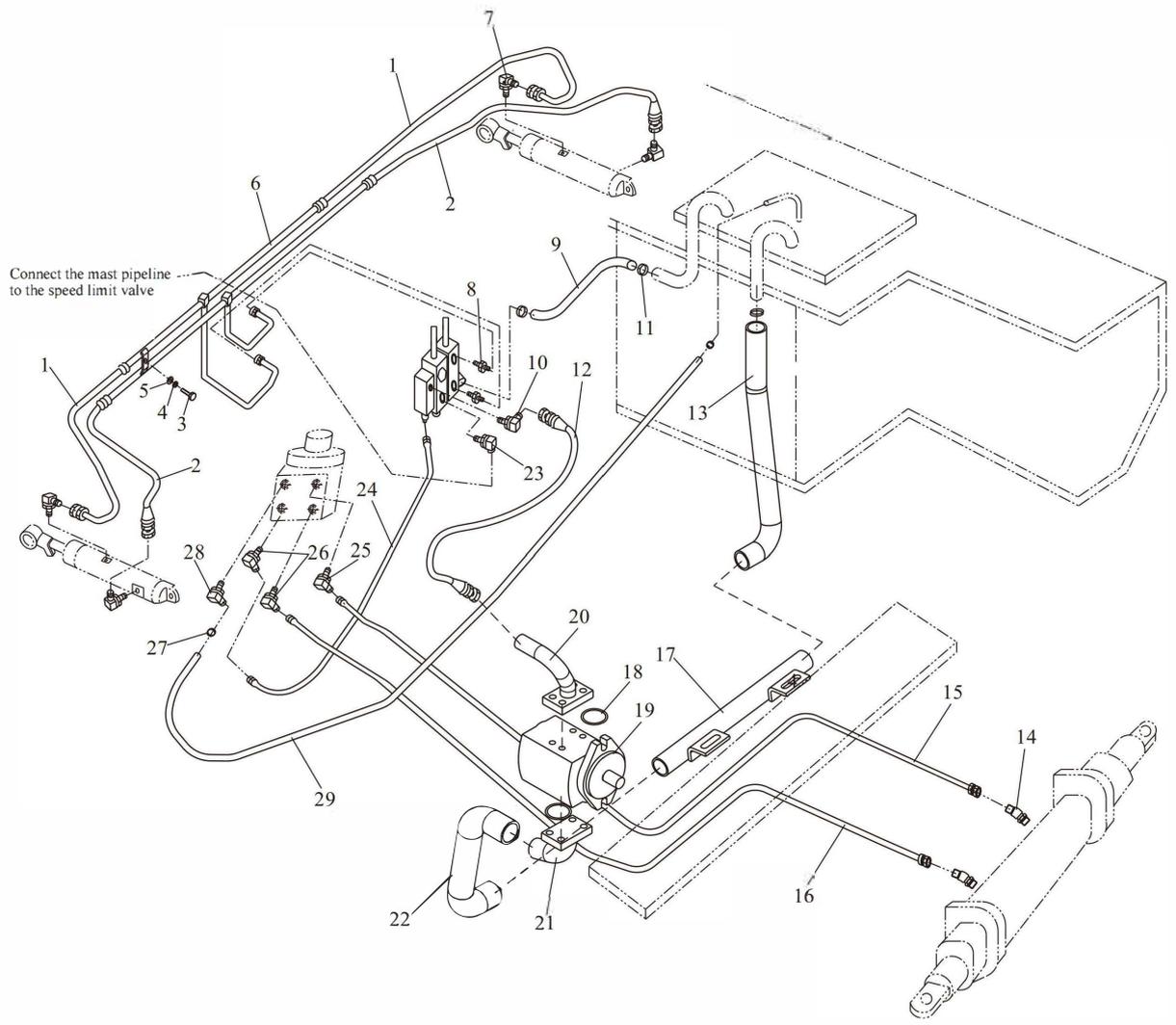
# Hydraulic pipeline(EX-B) FD30/38-S2/S5



Hydraulic pipeline(EX-B) FD30/38-S2/S5

Item	Part No	Description	Q'ty	Remark
1	TGLBII-08037-H40*J	8II×370Hose H. P	2	
2	TGIBII-08040*J	8II×400 Hose H. P	2	
3	GB/T5783	M10×25 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	GJT-05-00	Elbow	4	
8	GJT-18-00	Nipple	2	
9	A30C4-00001	Hose	1	
-	A30C4-00002	Hose	1	
10	GJT-20-00	Elbow	1	
11	JB/T8870	50×32 Clip	6	
12	TGIBII-13147*G	13II×1470 Hose H. P	1	
13	A30BA4-00002	2 Hose L. P.	1	
14	GJT-17-00	Nipple	2	
-	GJT-10-00	Through joint	2	
15	TGIBI-08190*G	8I×1900 Hose H. P	1	
-	TGUBI-08210H2100h50*G	8I×2100 Hose H. P	1	
16	TGIBI-08180*G	8I×1800 Hose H. P	1	
-	TGUBI-08200H2100h50*G	8I×2000 Hose H. P	1	
17	A30BA4-00100	Pipe ass'y	1	
18	GB/T3452.1	φ 25× φ 3.55 Bolt	2	
19	A30F4-20000	Gear pump	1	FD30/38-S2
-	A30BA4-20000	Gear pump	1	FD30/38-S5

Hydraulic pipeline(EX-B) FD30/38-S2/S5

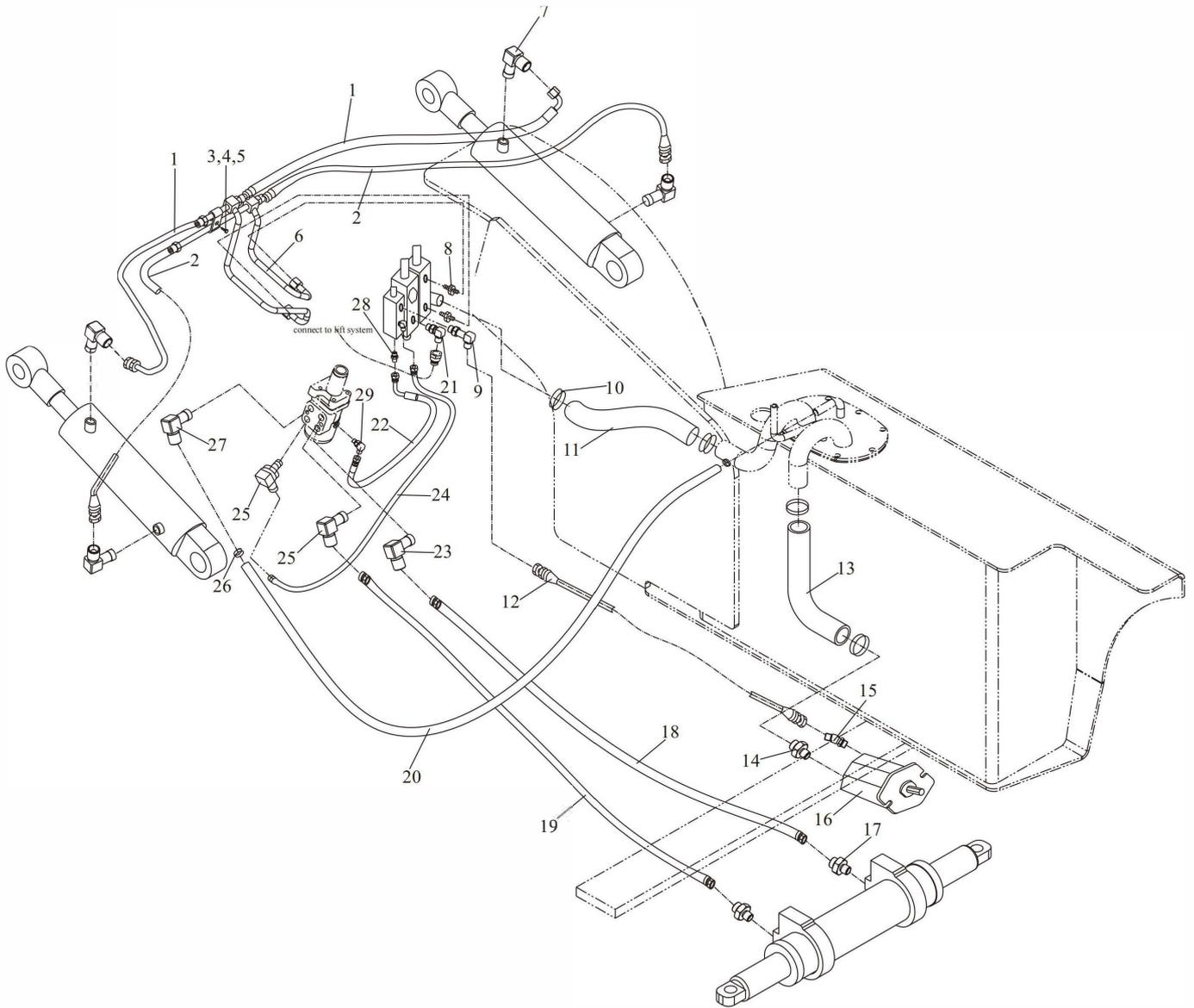


Hydraulic pipeline(EX-B) FD30/38-S2/S5

Item	Part No	Description	Q'ty	Remark
20	GJT-178-00	Pump oil outlet connector	1	
21	GJT-221-00	Pump oil inlet connector	1	
22	A30BA4-00001	1 Hose L. P.	1	
23	GJT-19-00	Elbow	1	
-	GJT-70-00	Through joint	1	
24	TGUBI-08024-H35h55*G	8I×240 Hose H.P	1	
25	GJT-11-00	Elbow	1	<b>2-way valve</b>
-	GJT-11-00	Elbow	2	<b>3-way valve</b>
-	GJT-11-00	Elbow	3	<b>4-way valve</b>
-	GJT-11-00	Elbow	4	<b>5-way valve</b>
26	GJT-12-00	Elbow	2	<b>2-way valve</b>
-	GJT-12-00	Elbow	3	<b>3-way valve</b>
-	GJT-12-00	Elbow	4	<b>4-way valve</b>
-	GJT-12-00	Elbow	5	<b>5-way valve</b>
27	JB/T8870	25×16 Clip	2	
28	GJT-13-00	Elbow	1	
29	TG000-13015	φ 13×1500 Hose L.P.	1	

---

Hydraulic pipeline(EX-B)      Priority steering (optional)

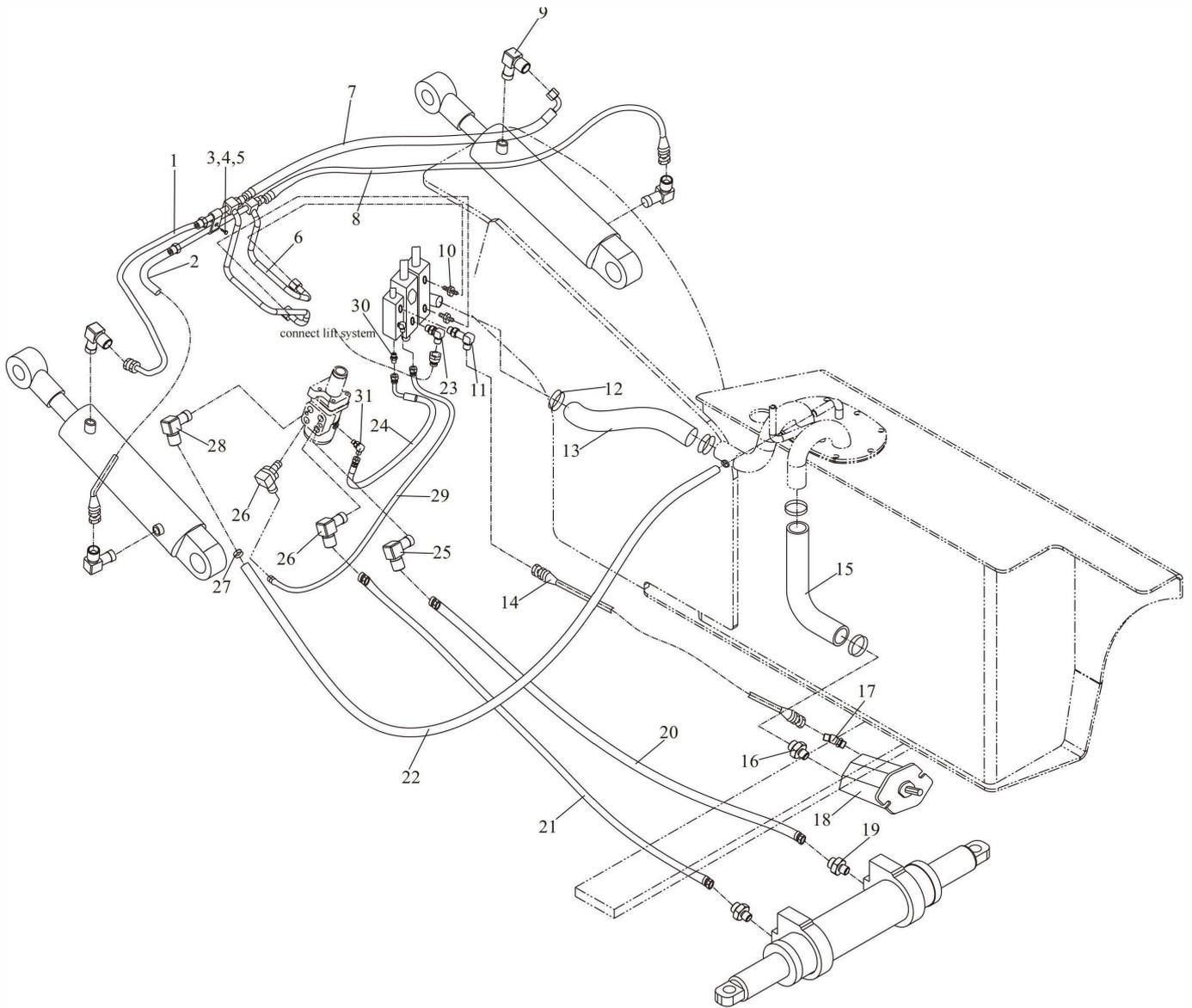


Hydraulic pipeline(EX-B) Priority steering (optional)

Item	Part No	Description	Q'ty	Remark
1	TGLBII-08037-H40*J	8II×370Hose H. P	2	
2	TGIBII-08040*J	8II×400Hose H. P	2	
3	GB/T5783	M10×25 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	GJT-05-00	Elbow	4	
8	GJT-18-00	Nipple	1	
9	GJT-327-00	Elbow	2	
10	JB/T8870	50×32 Clip	4	
11	A30C4-00001	Hose	1	
-	A30C4-00002	Hose	1	
12	TGIBII-13122*G	13II×1220 Hose H. P	1	
13	A30P4-00001	Hose L. P.	1	FD30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D4-00001	Hose L. P.	1	FD/Y30/38-W1/R2/Y2/Y3
-	A30G4-00001	Hose L. P.	1	FD30/38-W2/JH2
-	A30S4-00002	Hose L. P.	1	FY30/38-GQ1/2/3
-	A40B4-00001	Hose L. P.	1	FD30/38-D1
14	GJT-08-00	Nipple	1	
15	GJT-09-00	Elblow	1	
16	A30A4-20000	Gear pump	1	FD30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14/X25/X27/X24/X28/YN1
-	A30D4-20000	Gear pump	1	FD30/38-W1/Y2/Y3
-	A30E4-20000	Gear pump	1	FD/Y30/38-W2/D1/JH2/R2/GQ1/2/3
17	GJT-17-00	Nipple	2	
-	GJT-10-00	Through joint	2	

---

Hydraulic pipeline(EX-B)      Priority steering (optional)

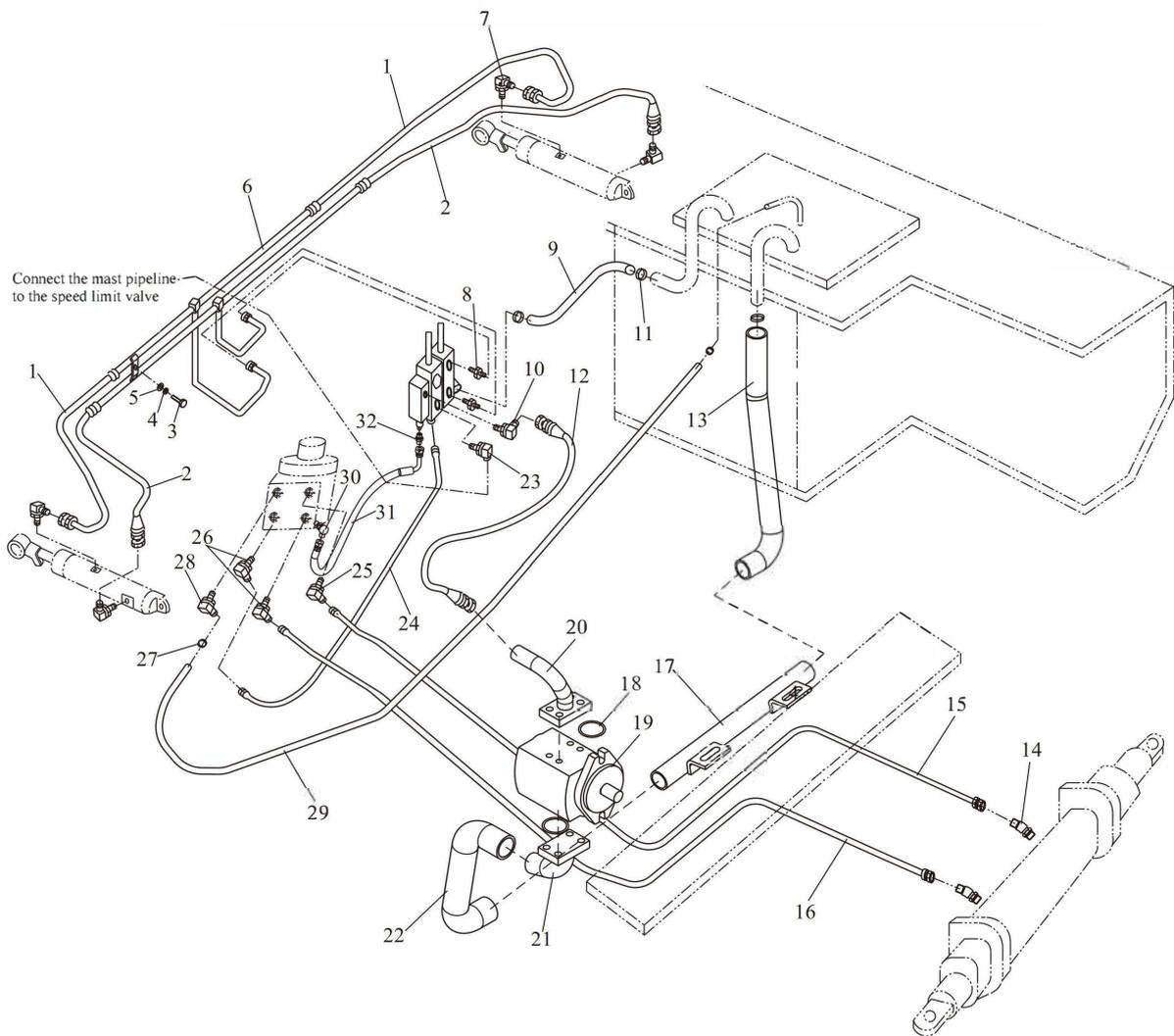


Hydraulic pipeline(EX-B) Priority steering (optional)

Item	Part No	Description	Q'ty	Remark
18	TGIBI-08190*G	8I×1900 Hose H. P	1	
-	TGUBI-08210H2100h50*G	8I×2100 Hose H. P	1	
19	TGIBI-08180*G	8I×1800 Hose H. P	1	
-	TGUBI-08200H2100h50*G	8I×2000 Hose H. P	1	
20	TG000-13150	φ 13×1500 Hose L.P	1	
21	GJT-19-00	Elbow	1	
22	TGUBI-06017-H30h45*G	6I×170 Hose H.P.	1	
23	GJT-11-00	Elbow	1	<b>2-way valve</b>
-	GJT-11-00	Elbow	2	<b>3-way valve</b>
-	GJT-11-00	Elbow	3	<b>4-way valve</b>
-	GJT-11-00	Elbow	4	<b>5-way valve</b>
24	TGUBI-08030-H35h45*G	8I×300 Hose H. P	1	
25	GJT-12-00	Elbow	2	<b>2-way valve</b>
-	GJT-12-00	Elbow	3	<b>3-way valve</b>
-	GJT-12-00	Elbow	4	<b>4-way valve</b>
-	GJT-12-00	Elbow	5	<b>5-way valve</b>
26	JB/T8870	25×16 Clip	2	
27	GJT-13-00	Elbow	1	
28	GJT-173-00	Elbow	1	
29	GJT-174-00	Elbow	1	

Hydraulic pipeline(EX-B)

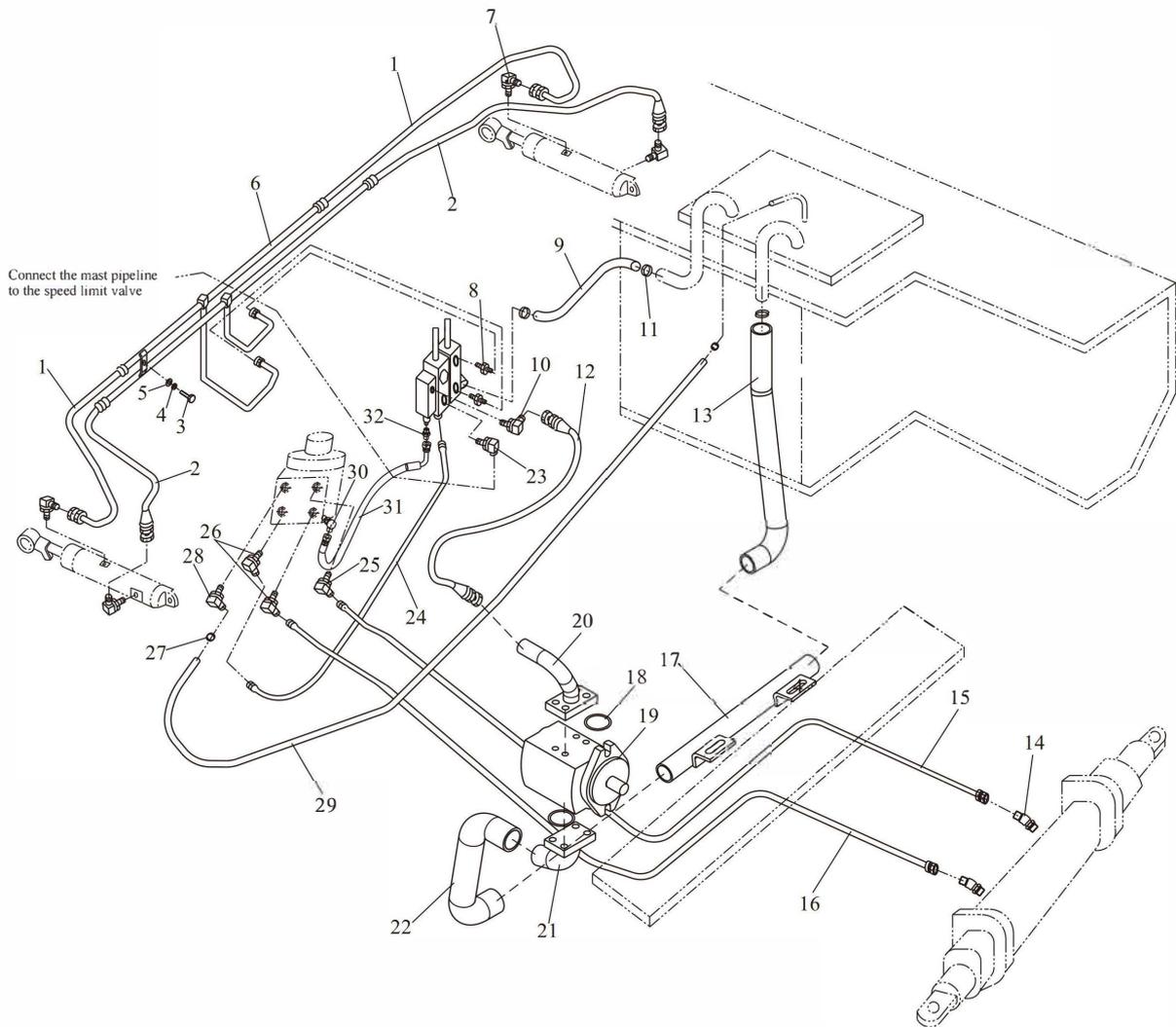
FD30-S2/S5 Priority steering (optional)



Hydraulic pipeline(EX-B) FD30-S2/S5 Priority steering (optional)

Item	Part No	Description	Q'ty	Remark
1	TGLBII-08037-H40*J	8II×370Hose H. P	2	
2	TGIBII-08040*J	8II×400 Hose H. P	2	
3	GB/T5783	M10×25 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	GJT-05-00	Elbow	4	
8	GJT-18-00	Nipple	2	
9	A30C4-00001	Hose	1	两片/三片/四片阀选用
-	A30C4-00002	Hose	1	五片阀选用
10	GJT-327-00	Elbow	1	
11	JB/T8870	50×32 Clip	6	
12	TGIBII-13147*G	13II×1470 Hose H. P	1	
13	A30BA4-00002	2 Hose L. P.	1	
14	GJT-17-00	Nipple	2	
-	GJT-10-00	Through joint	2	
15	TGIBI-08190*G	8I×1900 Hose H. P	1	
-	TGUBI-08210H2100h50*G	8I×2100 Hose H. P	1	
16	TGIBI-08180*G	8I×1800 Hose H. P	1	
-	TGUBI-08200H2100h50*G	8I×2000 Hose H. P	1	
17	A30BA4-00100	Pipe ass'y	1	
18	GB/T3452.1	φ 25× φ 3.55 Bolt	2	
19	A30F4-20000	Gear pump	1	FD30/38-S2
-	A30BA4-20000	Gear pump	1	FD30/38-S5

Hydraulic pipeline(EX-B) FD30-S2/S5 Priority steering (optional)

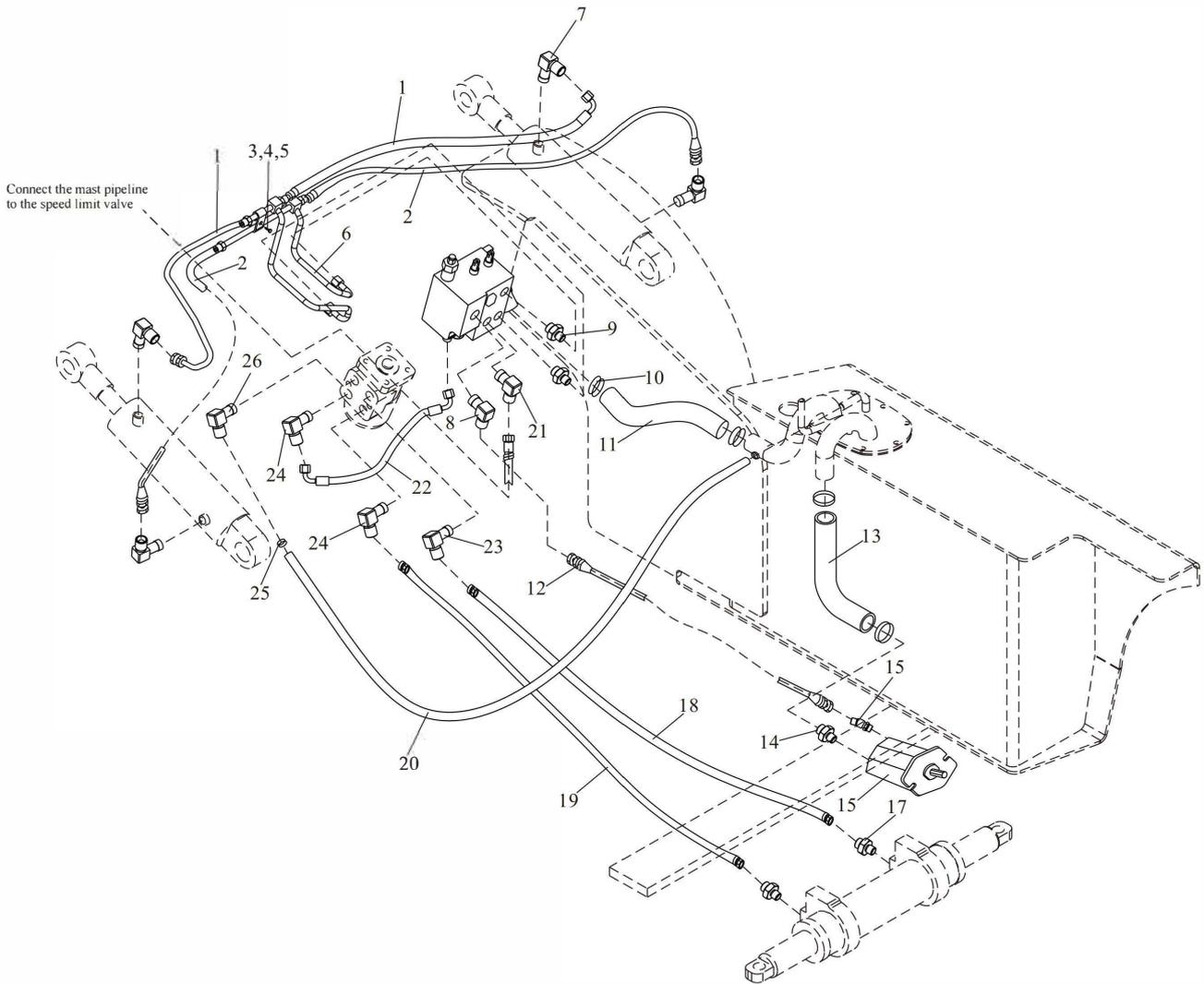


Hydraulic pipeline(EX-B) FD30-S2/S5 Priority steering (optional)

Item	Part No	Description	Q'ty	Remark
20	GJT-178-00	Pump oil outlet connector	1	
21	GJT-221-00	Pump oil inlet connector	1	
22	A30BA4-00001	1 Hose L. P.	1	
23	GJT-19-00	Elbow1	1	
24	TGUBI-08030-H35h45*G	8I × 300 Hose H.P.	1	
25	GJT-11-00	Elbow	1	<b>2-way valve</b>
-	GJT-11-00	Elbow	2	<b>3-way valve</b>
-	GJT-11-00	Elbow	3	<b>4-way valve</b>
-	GJT-11-00	Elbow	4	<b>5-way valve</b>
26	GJT-12-00	Elbow	2	<b>2-way valve</b>
-	GJT-12-00	Elbow	3	<b>3-way valve</b>
-	GJT-12-00	Elbow	4	<b>4-way valve</b>
-	GJT-12-00	Elbow	5	<b>5-way valve</b>
27	JB/T8870	25 × 16 Clip	2	
28	GJT-13-00	Elbow	1	
29	TG000-13015	φ 13 × 1500 Hose L.P.	1	
30	GJT-174-00	Elbow	1	
31	TGUBI-06017-H30h45*G	6I × 170 Hose H.P.	1	
32	GJT-173-00	Elbow	1	

---

Hydraulic pipeline(EX-A)      FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14  
/X25/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2/D1

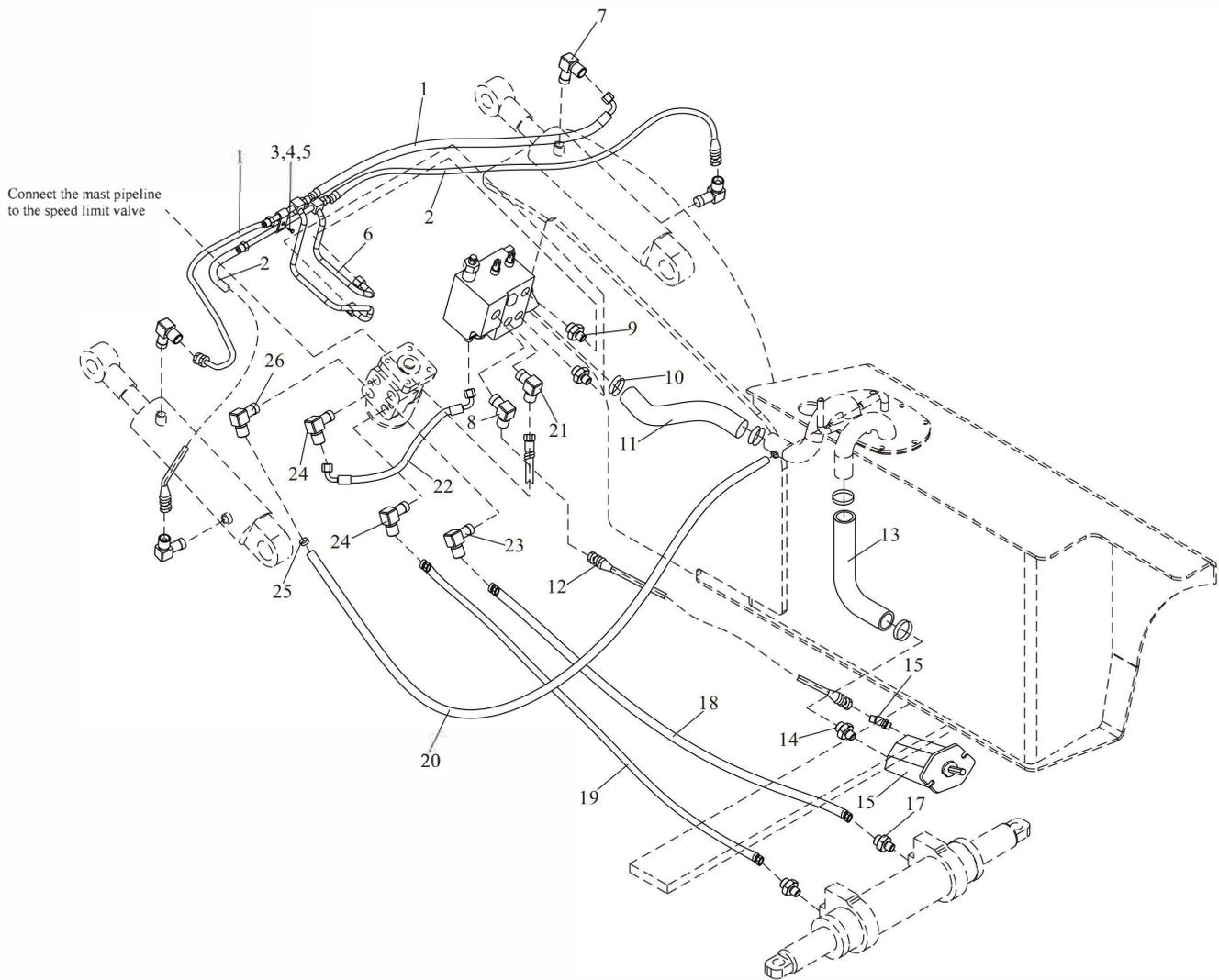


Hydraulic pipeline(EX-A) FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14  
/X25/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2/D1

Item	Part No	Description	Q'ty	Remark
1	TGLCII-08037-H40*J	8II×370Hose H. P	2	
2	TGICII-08040*J	8II×400 Hose H. P	2	
3	GB/T5783	M10×25 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	GJT-229-00	Elbow	4	
8	GJT-18-00	Nipple	1	
9	GJT-230-00	Elbow	2	
10	JB/T8870	50×32 Clip	4	
11	A30C4-00001	Hose	1	
-	A30C4-00002	Hose	1	
12	TGICII-13122*G	13II×1220 Hose H. P	1	
13	A30P4-00001	Hose L. P.	1	FD30/38-X18/X17/X19/X2/X3 /X4/X10/X12/X13/X14/X25/ X27/X24/X28/YN1
-	A30D4-00001	Hose L. P.	1	FD/Y30/38-W1/R2/Y2/Y3
-	A30G4-00001	Hose L. P.	1	FD30/38-W2/JH2
-	A30S4-00002	Hose L. P.	1	FY30/38-GQ1/2/3
-	A40B4-00001	Hose L. P.	1	FD30/38-D1
14	GJT-08-00	Nipple	1	
15	GJT-322-00	Elblow	1	
16	A30A4-20000	Gear pump	1	FD30/38-X18/X17/X19/X2/X3 /X4/X10/X12/X13/X14/X25/ X27/X24/X28/YN1
-	A30D4-20000	Gear pump	1	FD30/38-W1/Y2/Y3
-	A30E4-20000	Gear pump	1	FD/Y30/38-W2/D1/JH2/R2
17	GJT-231-00	45° Joint	2	
-	GJT-507-00	Through joint	2	

---

FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14  
Hydraulic pipeline(EX-A) /X25/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2



FD/Y30/38-X18/X17/X19/X2/X3/X4/X10/X12/X13/X14  
/X25/X27/X24/X28/W1/W2/JH2/Y2/Y3/YN1/R2

Hydraulic pipeline(EX-A)

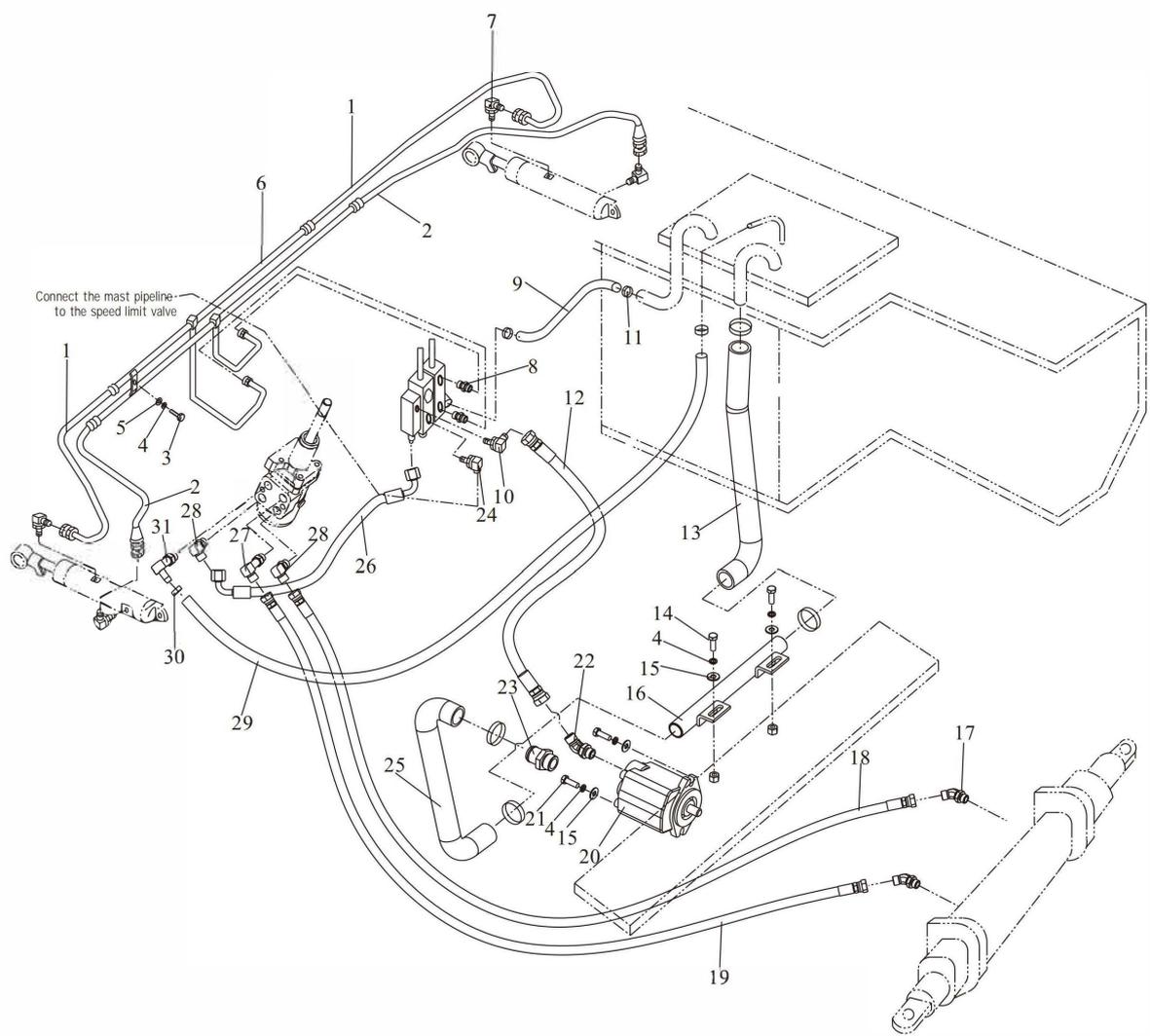
Item	Part No	Description	Q'ty	Remark
18	TGICI-08190*G	8I×1900 Hose H. P	1	
-	TGUCI-08210H2100h50*G	8I×2100 Hose H. P	1	
19	TGICI-08180*G	8I×1800 Hose H. P	1	
-	TGUCI-08200H2100h50*G	8I×2000 Hose H. P	1	
20	TG000-13150	φ 13×1500 Hose L.P.	1	
21	GJT-232-00	Elbow	1	
-	GJT-429-00	Through joint	1	
22	TGUCI-08024-H35h55*G	8I×240 Hose H.P.	1	
23	GJT-233-00	Elbow	1	<b>2-way valve</b>
-	GJT-233-00	Elbow	2	<b>3-way valve</b>
-	GJT-233-00	Elbow	3	<b>4-way valve</b>
-	GJT-233-00	Elbow	4	<b>5-way valve</b>
24	GJT-234-00	Elbow	2	<b>2-way valve</b>
-	GJT-234-00	Elbow	3	<b>3-way valve</b>
-	GJT-234-00	Elbow	4	<b>4-way valve</b>
-	GJT-234-00	Elbow	5	<b>5-way valve</b>
25	JB/T8870	25×16 Clip	2	
26	GJT-13-00	Elbow	1	



Hydraulic pipeline(EX-A) FD30/38-KMS4

Item	Part No	Description	Q'ty	Remark
1	TGLCII-08037-H40*J	8II×370Hose H. P	2	
2	TGICII-08040*J	8II×400Hose H. P	2	
3	GB/T5783	M10×25 Bolt	1	
4	GB/T93	10 Washer,lock	5	
5	GB/T97.1	10 Washer	1	
6	A30BD4-00100	Steel pipe ass'y	1	
7	GJT-229-00	Elbow	4	
8	GJT-18-00	Nipple	2	
9	A30C4-00001	Hose	1	
-	A30C4-00002	Hose	1	
10	GJT-230-00	Elbow	1	
12	JB/T8870	50×32 Clip	4	
13	TGICII-13147*G	13II×1470 Hose H. P	1	
14	A30BA4-00002	2 Hose L. P.	1	
15	GB/T96	10 Washer	1	
16	A30BA4-00100	Pipe ass'y	1	
17	GJT-17-00	Nipple	2	
-	GJT-10-00	Through joint	2	
18	TGIBI-08190*G	8I×1900 Hose H. P	1	
-	TGUBI-08210H2100h50*G	8I×2100 Hose H. P	1	
19	TGIBI-08180*G	8I×1800 Hose H. P	1	
-	TGUBI-08200H2100h50*G	8I×2000 Hose H. P	1	
20	A30D4-20000	Gear pump	1	
21	GB/T5783	M10×30 Bolt	2	
22	GJT-322-00	Elblow	1	

Hydraulic pipeline(EX-A) FD30/38-KMS4



Hydraulic pipeline(EX-A) FD30/38-KMS4

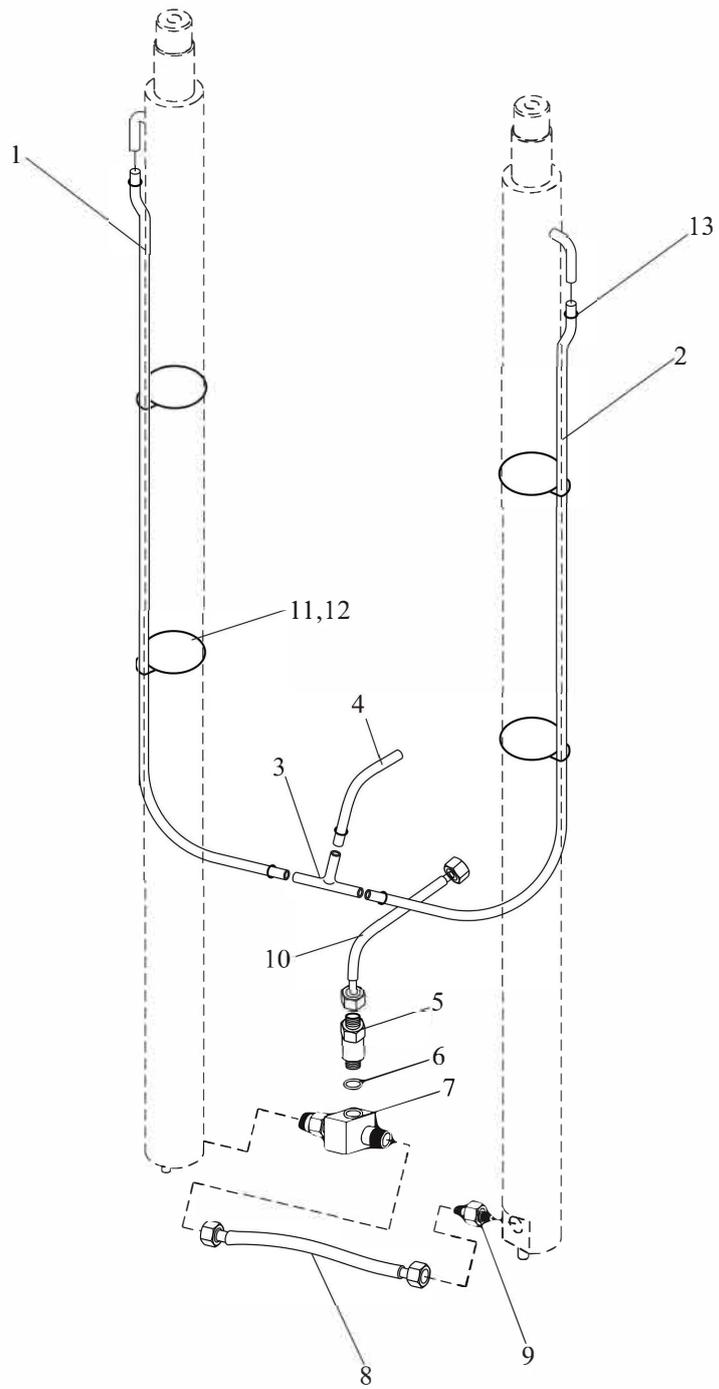
Item	Part No	Description	Q'ty	Remark
23	GJT-08-00	Nipple	1	
24	GJT-232-00	Elbow	1	
-	GJT-429-00	Through joint	1	
25	A30BA4-00001	1 Hose L. P.	1	
26	TGUBCI-08024-H35h55*G	8I×240 Hose H.P.	1	
27	GJT-233-00	Elbow	1	<b>2-way valve</b>
-	GJT-233-00	Elbow	2	<b>3-way valve</b>
-	GJT-233-00	Elbow	3	<b>4-way valve</b>
-	GJT-233-00	Elbow	4	<b>5-way valve</b>
28	GJT-234-00	Elbow	2	<b>2-way valve</b>
-	GJT-234-00	Elbow	3	<b>3-way valve</b>
-	GJT-234-00	Elbow	4	<b>4-way valve</b>
-	GJT-234-00	Elbow	5	<b>5-way valve</b>
29	TG000-13150	φ 13×1500 Hose L.P	1	
30	JB/T8870	25×16 Clip	2	
31	GJT-13-00	Elbow	1	

---

## H. LIFTING SYSTEM

---

# Hydraulic system mast(Normal mast KM)



## Hydraulic system mast(Normal mast KM)

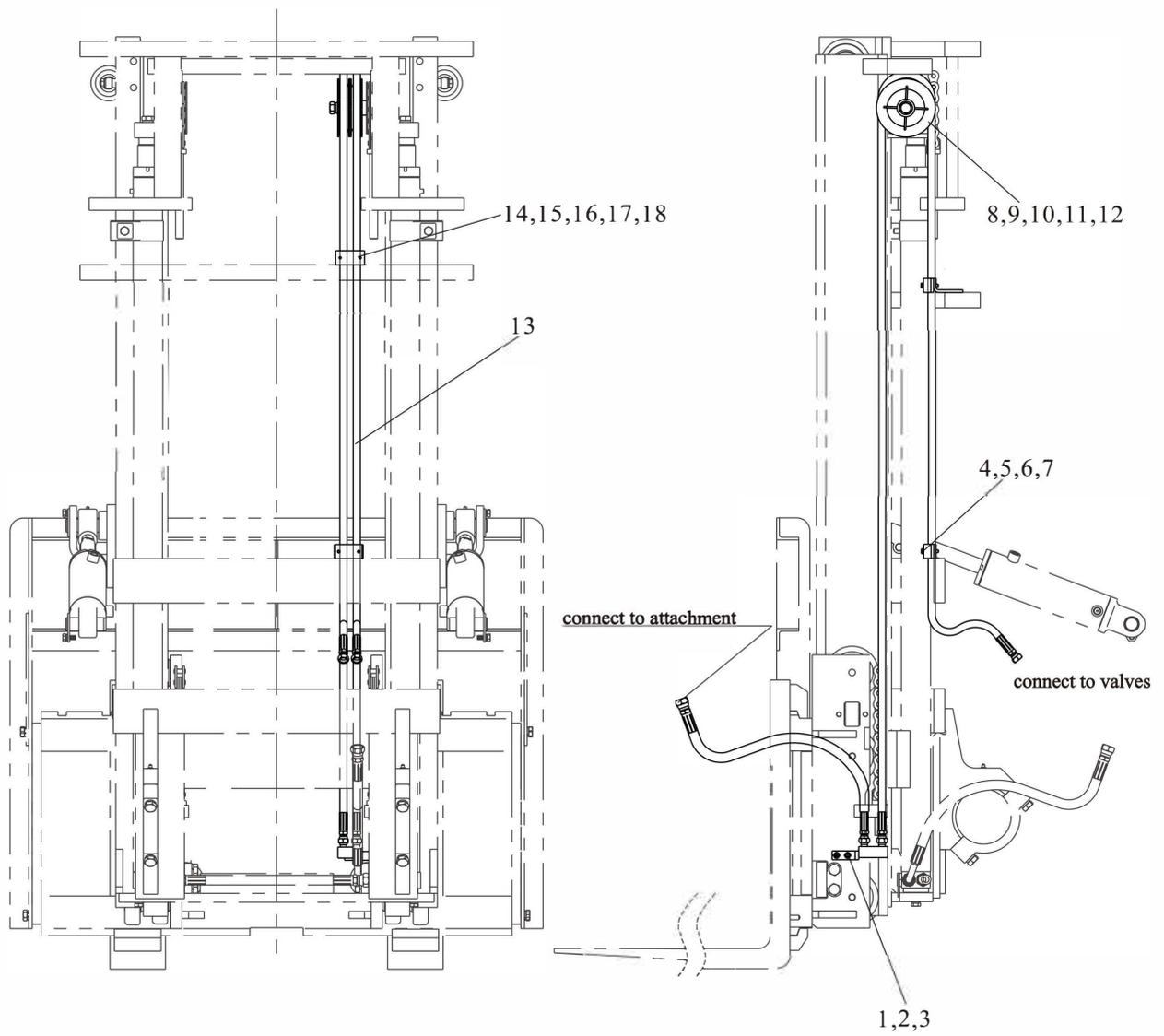
Item	Part No	Description	Q'ty	Remark
1	TG000-120XX	d12×L1 Tube vinyl	1	
2	TG000-120XX	d12×L2 Tube vinyl	1	
3	GJT-01-00	Joint	1	
4	TG000-12110	d12×1100 Tube vinyl	1	
5	GJT-02-00-3	Flow regulator	1	3t EX-B
-	GJT-02-00-4	Flow regulator	1	3.8t EX-B
-	GJT-243-00-3	Flow regulator	1	3t EX-A
-	GJT-411-00	Flow regulator	1	3.8t EX-A
6	TOAH-18-01	Binding	3	
7	GJT-03-00C	Three way connector ass'y	1	3t EX-B
-	GJT-390-00	Three way connector ass'y	1	3t EX-A
-	GJT-80-00	Three way connector ass'y	1	3.8t EX-B
-	GJT-388-00	Three way connector ass'y	1	3.8t EX-A
8	TGIBII-13040*J	13II×400 Hose H.P.	1	EX-B
-	TGICII-13040*J	13II×400 Hose H.P.	1	EX-A
9	GJT-04-00	Valve,check	1	3t EX-B
-	GJT-391-00	Valve,check	1	3t EX-A
-	GJT-77-00	Valve,check	1	3.8t EX-B
-	GJT-491-00	Valve,check	1	3.8t EX-A
10	TGIBII-13050GS*J	13II×500 Hose H.P.	1	EX-B
-	TGICII-13050GS*J	13II×500 Hose H.P.	1	EX-A
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 attachments(Normal mast KM)



Hydraulic system attachments(Normal mast KM)

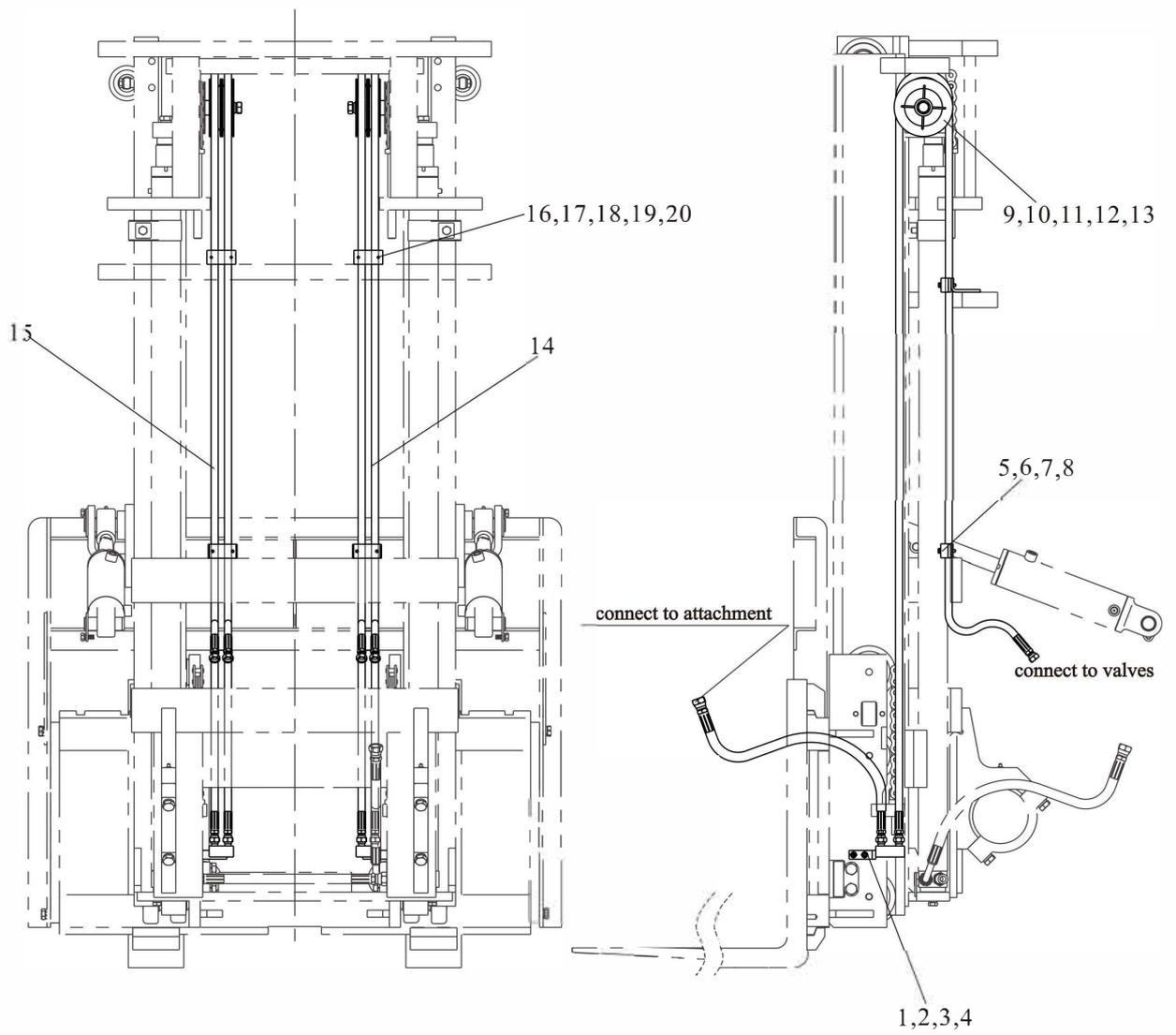
Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M8×25 Bolt	2	
2	GB/T93	8 Washer,Lock	2	
3	SJM30A-0100R	Nipple	1	EX-B
-	GJT-435-00R	Nipple	1	EX-A
4	SJM30A-0005	Band	2	
5	SJM30A-0004	Pallet	1	
6	GB/T5783	M6×35 Bolt	2	
7	GB/T93	6 Washer,Lock	2	
8	GB/T5785	M16×1.5×75 Bolt	1	
9	GB/T93	16 Washer,Lock	1	
10	GB/T97.1	16 Washer	1	
11	SJM30A-0002	Pulley	2	
12	M30K3-90002	Bushing	1	
13	TGIBI-08XXX-J	8I×XXX Hose H.P	2	EX-B
-	TGICI-08XXX-J	8I×XXX Hose H.P	2	EX-A
14	M30K3-90001	Support	1	≥ 4 meter
15	SJM30A-0004	Pallet	1	≥ 4 meter
16	SJM30A-0005	Band	2	≥ 4 meter
17	GB/T5783	M6×35 Bolt	2	≥ 4 meter
18	GB/T93	6 Washer,Lock	2	≥ 4 meter

---

Hydraulic system attachments(Normal mast KM)

(Mast Piping Optional Parts)		
Lifting Height	Hose(mm)	Remark
2000	2350	
2500	2800	
2700	3050	
3000	3450	
3300	3700	
3500	3900	
3700	4200	
4000	4500	
4500	5000	
5000	5500	
5500	6000	
6000	6500	

# Hydraulic system attachments(Normal mast KM)



### Hydraulic system attachments(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M8×25 Bolt	4	
2	GB/T93	8 Washer,Lock	4	
3	SJM30A-0100R	Nipple	1	EX-B
-	GJT-435-00R	Nipple	1	EX-A
4	SJM30A-0100L	Nipple	1	EX-B
-	GJT-435-00L	Nipple	1	EX-A
5	SJM30A-0005	Band	4	
6	SJM30A-0004	Pallet	2	
7	GB/T5783	M6×35 Bolt	4	
8	GB/T93	6 Washer,Lock	4	
9	GB/T5785	M16×1.5×75 Bolt	2	
10	GB/T93	16 Washer,Lock	2	
11	GB/T97.1	16 Washer	2	
12	SJM30A-0002	Pulley	4	
13	M30K3-90002	Bushing	2	
14	TGIBI-08XXX-J	8I×XXX Hose H.P	2	EX-B
-	TGICI-08XXX-J	8I×XXX Hose H.P	2	EX-A
15	TGIBI-08XXX-J	8I×XXX Hose H.P	2	EX-B
-	TGICI-08XXX-J	8I×XXX Hose H.P	2	EX-A
16	M30K3-90001	Support	2	≥ 4 meter
17	SJM30A-0004	Pallet	2	≥ 4 meter
18	SJM30A-0005	Band	4	≥ 4 meter
19	GB/T5783	M6×35 Bolt	4	≥ 4 meter
20	GB/T93	6 Washer,Lock	4	≥ 4 meter

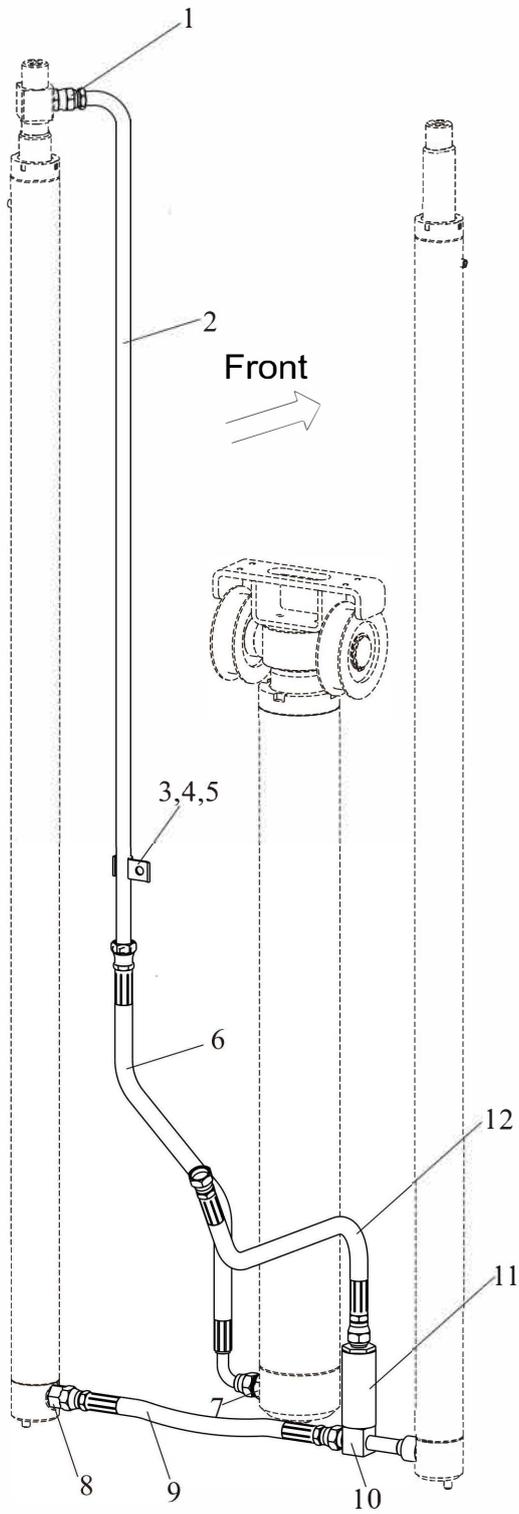
---

Hydraulic system attachments(Normal mast KM)

(Mast Piping Optional Parts)			
Lifting Height	Hose(mm)	Hose(mm)	Remark
2000	2350	2500	
2500	2800	3000	
2700	3050	3250	
3000	3450	3550	
3300	3700	3800	
3500	3900	4000	
3700	4200	4400	
4000	4500	4600	
4500	5000	5100	
5000	5500	5600	
5500	6000	6100	
6000	6500	6500	

---

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-26-00	Elbow	1	
2	Z30K3-70100-XXX	Steel Pipe ass'y	1	
3	Z30K3-70001	Clamp	1	
4	GB/T5783	M8×20 Bolt	1	
5	GB/T93	8 Washer,lock	1	
6	TGLBII-13050-H45*J	13II×500 Hose H.P.	1	EX-B
-	TGLCII-13050-H45*J	13II×500 Hose H.P.	1	EX-A
7	A30B4-10300-01	Explosion-proof valve	1	3t
-	A35B4-10300-01	Explosion-proof valve	1	3.8t
8	GJT-04-00	Valve,check	1	EX-B
-	GJT-391-00	Valve,check	1	EX-A
10	TGIBII-13040*J	13II×400 Hose H.P.	1	EX-B
-	TGICII-13040*J	13II×400 Hose H.P.	1	EX-A
9	GJT-03-00C	Three way connector ass'y	1	EX-B
-	GJT-390-00	Three way connector ass'y	1	EX-A
11	GJT-02-00-3	Flow regulator	1	3t EX-B
-	GJT-02-00-4	Flow regulator	1	3.8t EX-B
-	GJT-243-00-3	Flow regulator	1	3t EX-A
-	GJT-411-00	Flow regulator	1	3.8t EX-A
12	TGIBII-13056-GS*J	13II×560 Hose H.P.	1	EX-B
-	TGICII-13056-GS*J	13II×560 Hose H.P.	1	EX-A

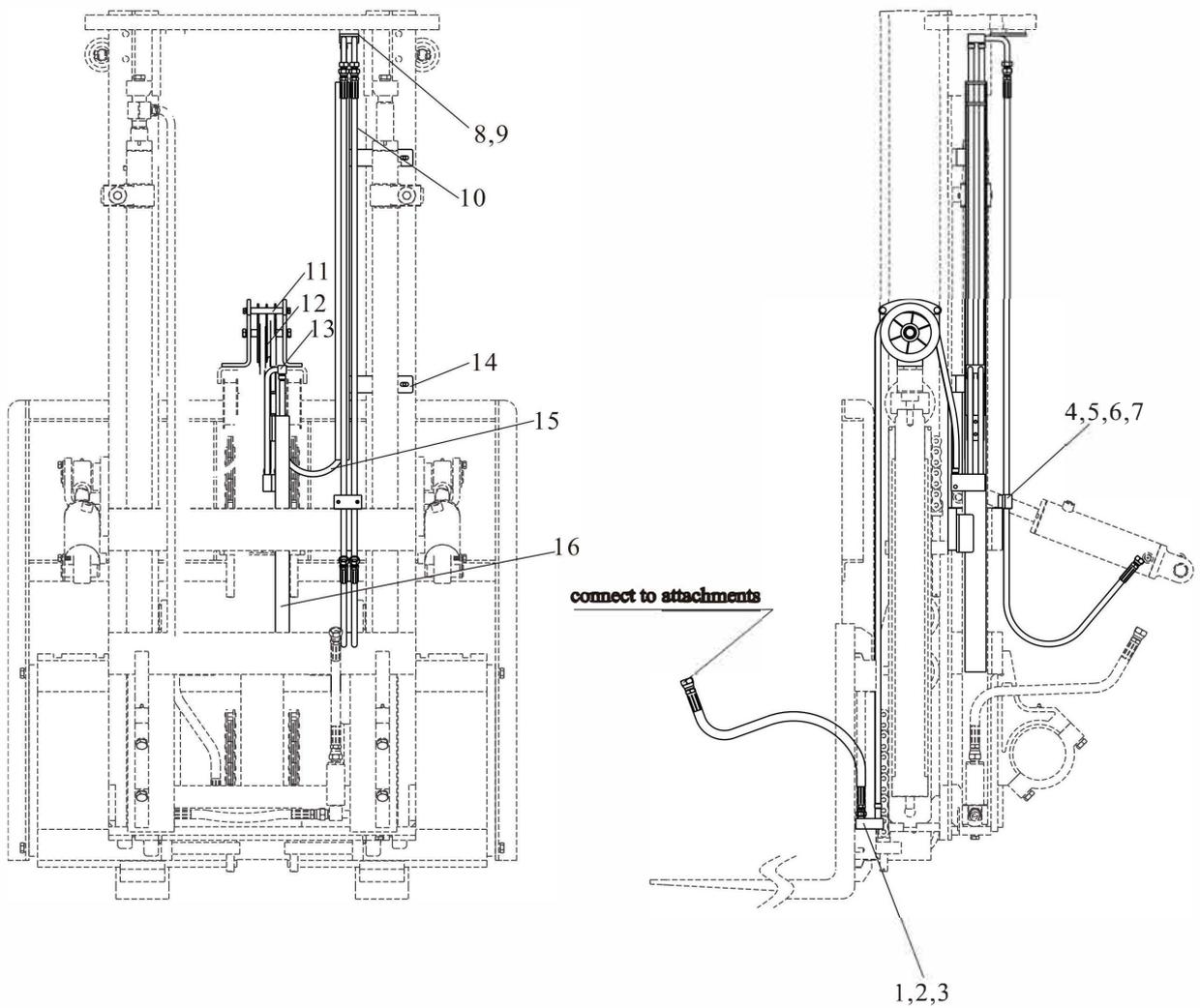
---

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

(Mast Piping Optional Parts)		
Lifting Height	Hose(mm)	Remark
2500	975	
2700	1075	
3000	1225	
3300	1375	
3500	1475	
3700	1575	
4000	1775	
4500	2025	
5000	2275	
5500	2575	
6000	2825	

---

## Hydraulic system attachments(Full Free 2-Stage Mast KZM)



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

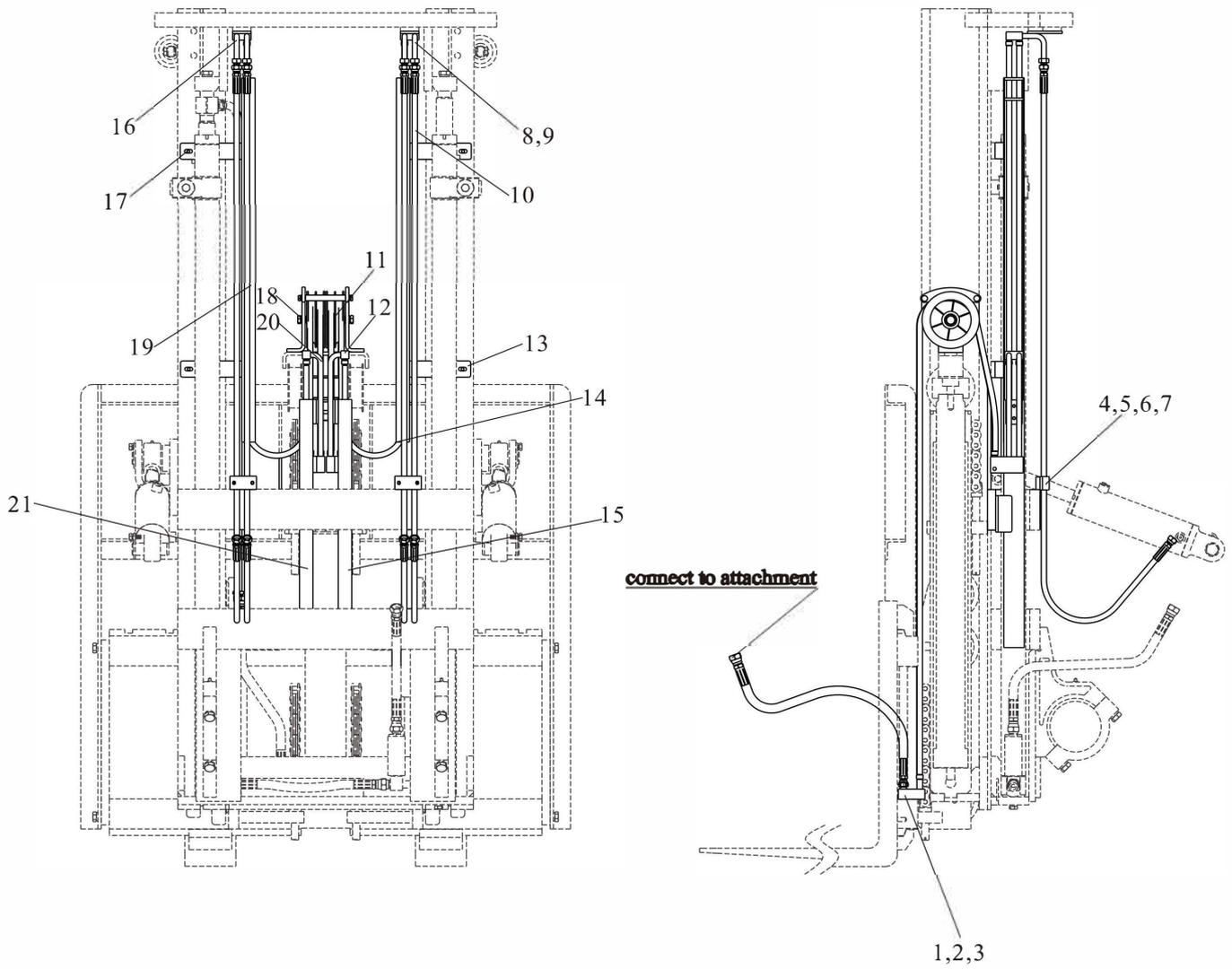
Item	Part No	Description	Q'ty	Remark
1	GJT-225-00	Nipple	1	EX-B
-	GJT-401-00	Nipple	1	EX-A
2	GB/T5783	M8×35 Bolt	2	
3	GB/T93	8 Washer,Lock	10	
4	SJM30A-0005	Band	2	
5	SJM30A-0004	Pallet	1	
6	GB/T5783	M6×35 Bolt	2	
7	GB/T93	6 Washer,Lock	2	
8	Z30K3-90200R	Steel Pipe ass'y	1	EX-B
-	Z30K3-90500R	Steel Pipe ass'y	1	EX-A
9	GB/T5783	M8×16 Bolt	6	
10	TGIBII-08XXX	8II×XXX Hose H.P	2	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	2	EX-A
11	S30K3-90200	Pulley block ass'y	1	
12	TGIBII-08XXX	8II×XXX Hose H.P	2	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	2	EX-A
13	Z30K3-90400R	Steel Pipe ass'y	1	EX-B
-	Z30K3-90600R	Steel Pipe ass'y	1	EX-A
14	Z30K3-90100R	Guide	1	
15	TGIBII-08XXX	8II×XXX Hose H.P	2	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	2	EX-A
16	Z30K3-90300R	Guide	1	

---

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

(Mast Piping Optional Parts)				
Lifting Height	Hose(mm)	Hose(mm)	Hose(mm)	Remark
2000	1300	1350	1100	
2500	1550	1480	1200	
3000	1800	1600	1350	
3300	1950	1670	1400	
3500	2050	1730	1450	
3700	2150	1770	1500	
4000	2350	1850	1600	
4500	2600	2000	1700	
5000	2850	2100	1850	
5500	3150	2220	1950	
6000	3400	2350	2100	

# Hydraulic system attachments(Full Free 2-Stage Mast KZM)



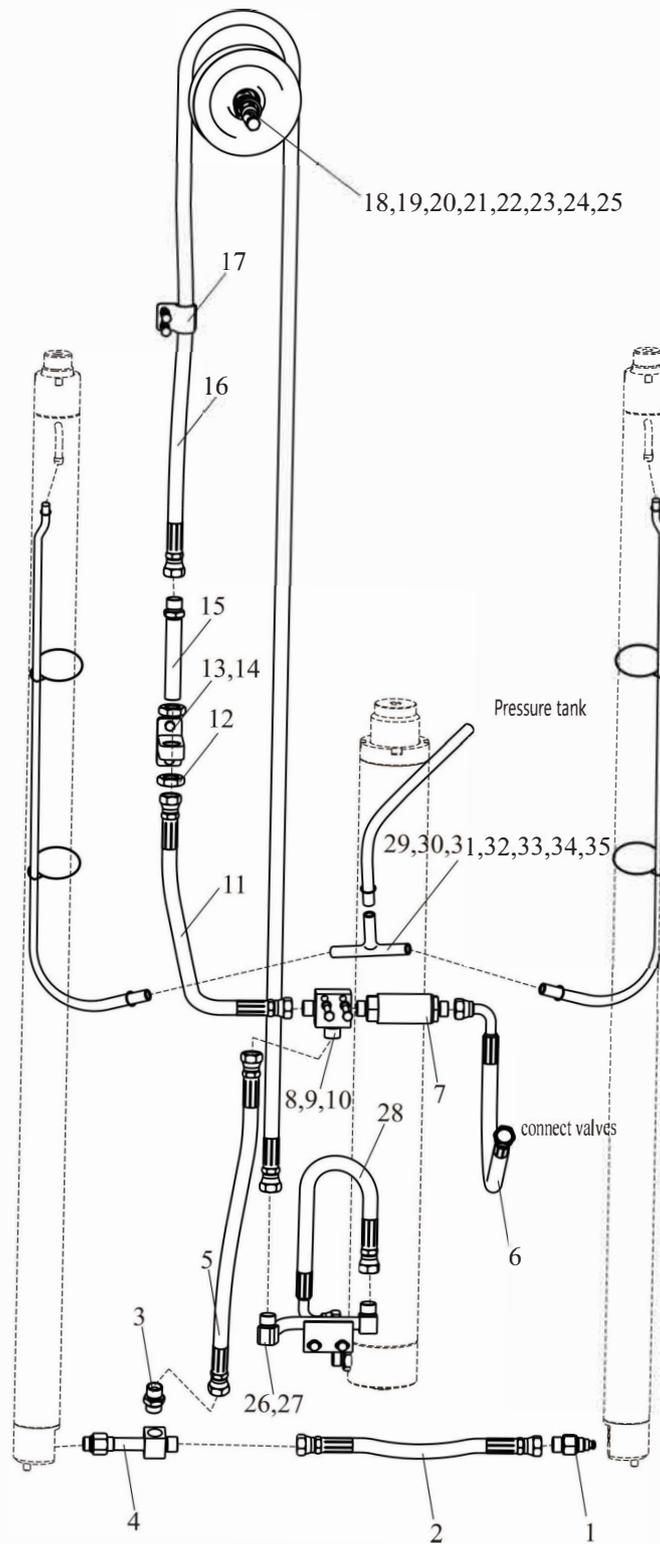
## Hydraulic system attachments(Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	GJT-106-00	Nipple	1	EX-B
-	GJT-450-00	Nipple	1	EX-A
2	GB/T5783	M8×35 Bolt	2	
3	GB/T93	8 Washer,Lock	14	
4	SJM30A-0005	Band	4	
5	SJM30A-0004	Pallet	2	
6	GB/T5783	M6×35 Bolt	4	
7	GB/T93	6 Washer,Lock	4	
8	Z30K3-90200R	Steel Pipe ass'y	1	EX-B
-	Z30K3-90500R	Steel Pipe ass'y	1	EX-A
9	GB/T5783	M8×16 Bolt	8	
10	TGIBII-08XXX	8II×XXX Hose H.P	2	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	2	EX-A
11	TGIBII-08XXX	8 II×XXX Hose H.P	4	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	4	EX-A
12	Z30K3-90400R	Steel Pipe ass'y	1	EX-B
-	Z30K3-90600R	Steel Pipe ass'y	1	EX-A
13	Z30K3-90100R	Guide	1	
14	TGIBII-08XXX	8II×XXX Hose H.P	4	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	4	EX-A
15	Z30K3-90300R	Guide	1	
16	Z30K3-90200L	Steel Pipe ass'y	1	EX-B
-	Z30K3-90500L	Steel Pipe ass'y	1	EX-A
17	Z30K3-90100L	Guide	1	
18	S30K3-90500	Pulley block ass'y	1	
19	TGIBII-08XXX	8II×XXX Hose H.P	2	EX-B
-	TGICII-08XXX	8II×XXX Hose H.P	2	EX-A
20	Z30K3-90400L	Steel Pipe ass'y	1	EX-B
-	Z30K3-90600L	Steel Pipe ass'y	1	EX-A
21	Z30K3-90300L	Guide	1	

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

(Mast Piping Optional Parts)					
Lifting Height	Hose(mm)	Hose(mm)	Hose(mm)	Hose(mm)	Remark
2000	1300	1350	1100	1400	
2500	1550	1500	1200	1650	
3000	1800	1600	1350	1900	
3300	1950	1700	1400	2050	
3500	2050	1750	1450	2150	
3700	2150	1800	1500	2250	
4000	2350	1850	1600	2450	
4500	2600	2000	1700	2700	
5000	2850	2100	1850	2950	
5500	3150	2220	1950	3250	
6000	3400	2350	2100	3500	

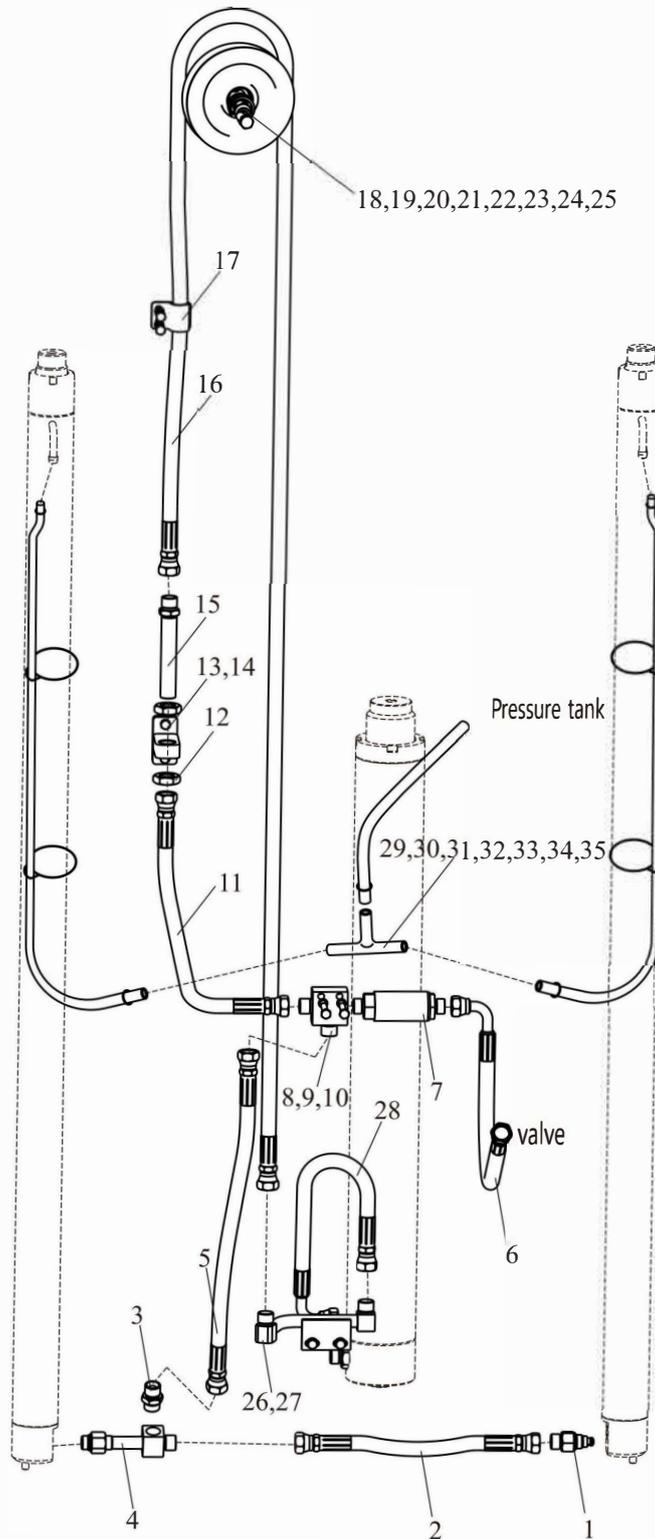
# Hydraulic system mast(Full Free 3-Stage Mast KZM)



## 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-13035*J	13II×350 Hose H.P.	1	EX-B
-	TGICII-13035*J	13II×350 Hose H.P.	1	EX-A
3	GJT-26-00	Nipple	1	EX-B
-	GJT-242-00	Nipple	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-13054*J	13II×540 Hose H.P.	1	EX-B
-	TGICII-13054*J	13II×540 Hose H.P.	1	EX-A
6	TGLBII-13075-H45GS*J	13II×750 Hose H.P.	1	EX-B
-	TGLCII-13075-H45GS*J	13II×750 Hose H.P.	1	EX-A
7	GJT-02-00-3	Flow regulator	1	3t EX-B
-	GJT-02-00-4	Flow regulator	1	3.8t EX-B
-	GJT-243-00-3	Flow regulator	1	3t EX-A
	GJT-411-00	Flow regulator	1	3.8t EX-A
8	GJT-61-00	Four way connector ass'y	1	EX-B
-	GJT-241-00	Four way connector ass'y	1	EX-A
9	GB/T5783	M8×50 Bolt	2	
10	GB/T93	8 Washer,lock	8	
11	TGIBII-13039*J	13II×390 Hose H.P.	1	EX-B
-	TGICII-13039*J	13II×390 Hose H.P.	1	EX-A
12	GB/T6173	M22×1.5 Nut	2	
13	S30J3-70004	Adapter bracket	1	
14	GB/T5783	M8×20 Bolt	6	
15	GJT-179-00	Nipple	1	EX-B
-	GJT-237-00	Nipple	1	EX-A

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



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

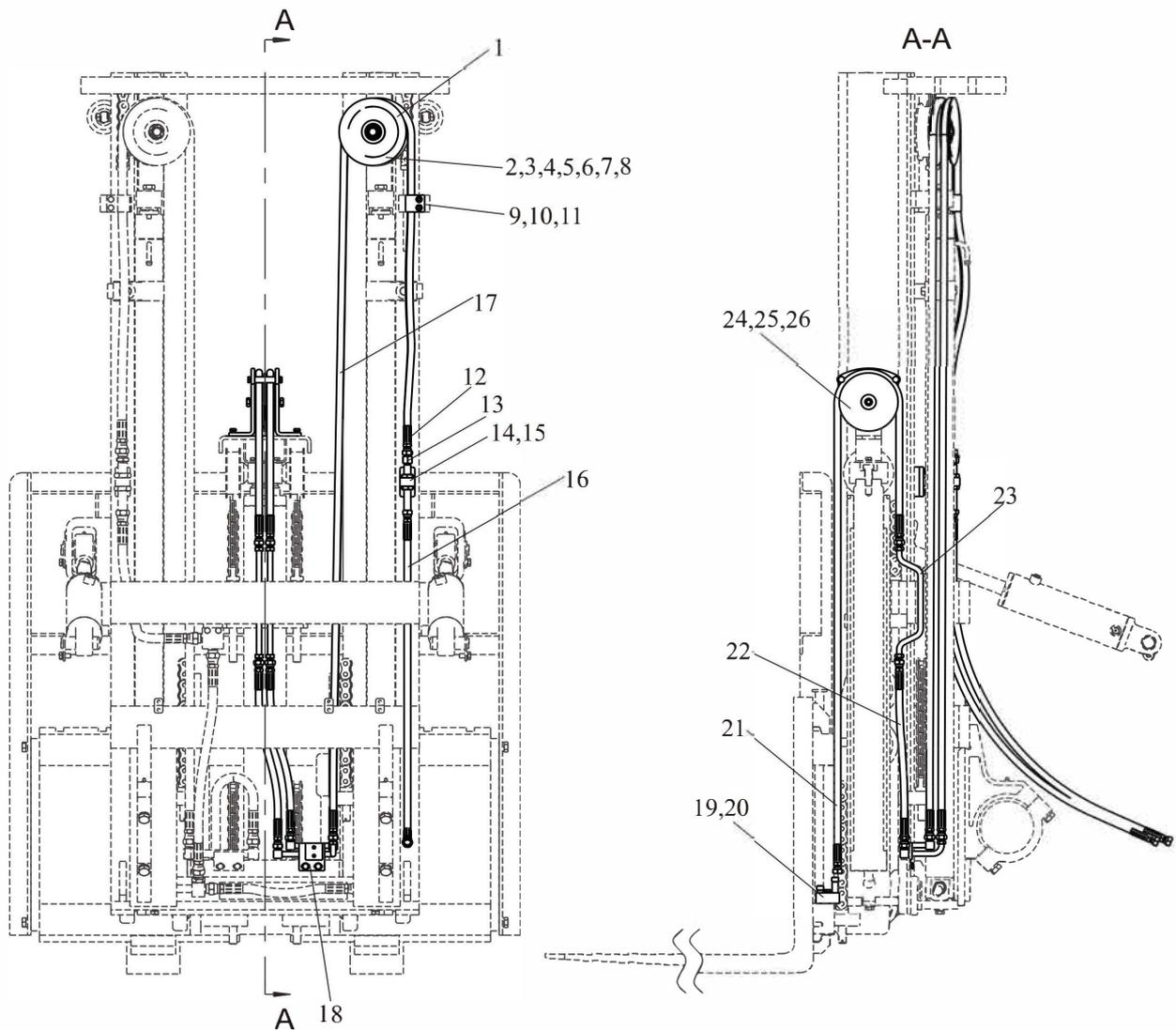
Item	Part No	Description	Q'ty	Remark
16	TGIBII-13XXX	13II×XXX Hose H.P.	1	EX-B
-	TGICII-13XXX	13II×XXX Hose H.P.	1	EX-A
17	S30J3-70003	Clip	5	
18	S30J3-70002	Axle	1	
19	GB/T276	6003 Bushing	1	
20	S30J3-70001	Pulley	1	
21	GB/T893.1	52 Ring	1	
22	GB/T894.1	25 Ring	1	
23	GB/T5785	M16×1.5×55 Bolt	1	
24	GB/T93	16 Washer,lock	1	
25	GB/T97.1	16 Washer	1	
26	S30J3-70100	Steel Pipe ass'y	1	EX-B
-	S30J3-70100A	Steel Pipe ass'y	1	EX-A
27	GB/T97.1	8 Washer	2	
28	TGLBII-13040-H40NL*J	13II×400 Hose H.P.	1	EX-B
-	TGLCII-13040-H40NL*J	13II×400 Hose H.P.	1	EX-A
29	Tk000-10016	10×16 Clip	5	
30	TG000-120XX	d12×L2 Tube vinyl	1	
31	M30A3-70001	Band	4	
32	TQ000-05035	5×350 Binding	4	
33	TG000-12110	d12×1100 Tube vinyl	1	
34	TOAH-18-01	Binding	3	
35	GJT-01-00	Joint	1	

---

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

(Mast Piping Optional Parts)		
Lifting Height	Hose(mm)	Remark
3700	2000	
4000	2200	
4350	2400	
4500	2500	
4800	2700	
5000	2900	
5500	3300	
6000	3600	
6500	4200	
7000	4500	
7500	5100	

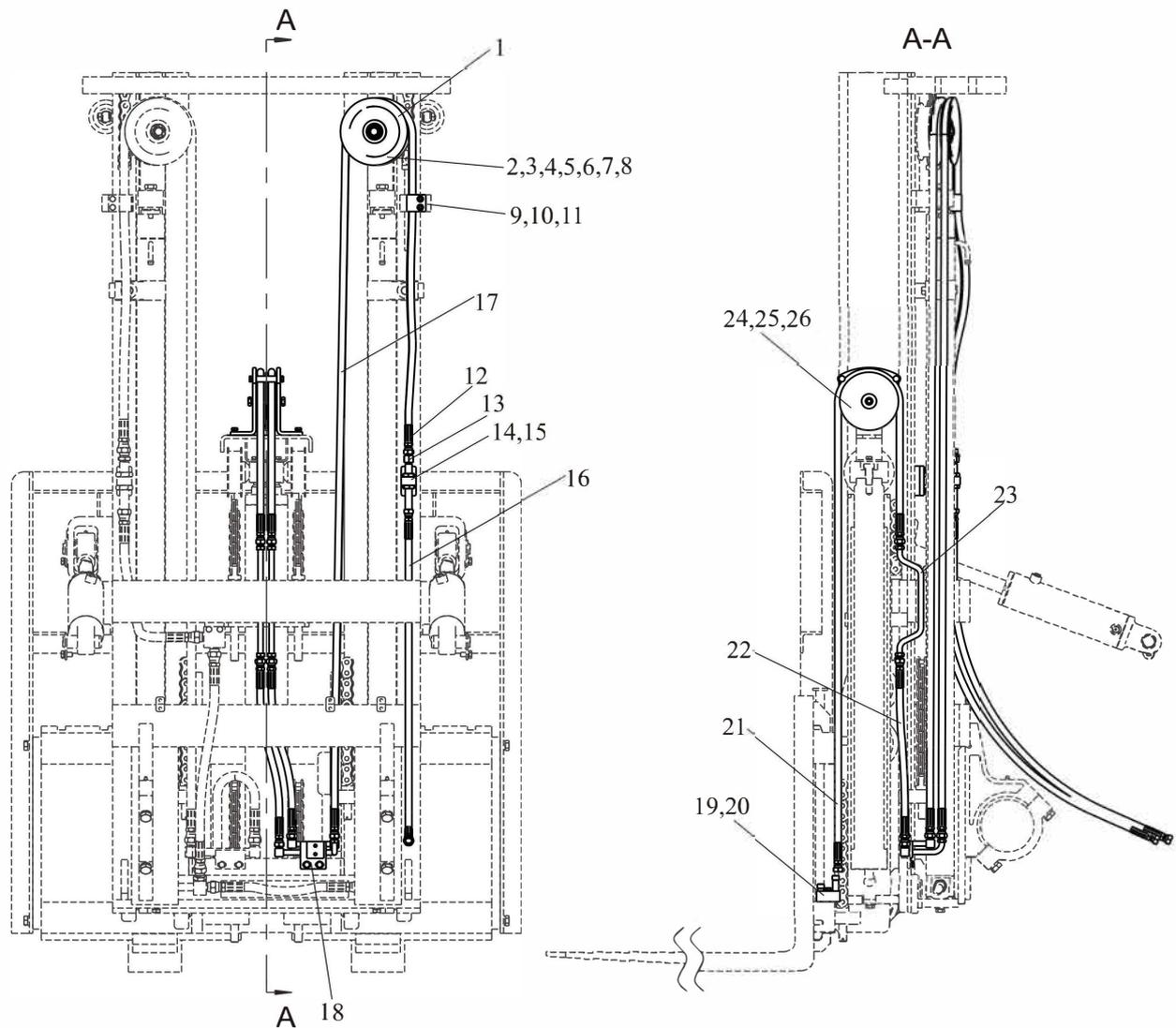
# Hydraulic system attachments(Full Free 3-Stage Mast KZM)



### Hydraulic system attachments(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	S30J3-90001	Pulley	1	
2	GB/T5785	M16×1.5×50 Bolt	1	
3	GB/T93	16 Washer,lock	1	
4	GB/T97.1	16 Washer	1	
5	GB/T276	6205 Bearing	1	
6	GB/T893.1	52 Ring	1	
7	GB/T894.1	25 Ring	1	
8	S30J3-90002	Axle	1	
9	S30J3-90003	Clip	2	
10	GB/T70.1	M8×50 Screw	2	
11	GB/T93	16 Washer,lock	14	
12	GJT-180-00	Nipple	2	EX-B
-	GJT-236-00	Nipple	2	EX-A
13	GB/T6171	M14×1.5 Nut	4	
14	S30J3-90006	Adapter bracket	1	
15	GB/T5783	M8×20 Bolt	6	
16	TGIBI-08095*J	8I×950 Hose H.P.	2	EX-B
-	TGICI-08095*J	8I×950 Hose H.P.	2	EX-A
17	TGIBI-08XXX	8I×XXX Hose H.P.	2	EX-B
-	TGICI-08XXX	8I×XXX Hose H.P.	2	EX-A
18	S30J3-90100	Steel Pipe ass'y	1	EX-B
-	S30J3-90100A	Steel Pipe ass'y	1	EX-A
19	GJT-225-00	Four way connector ass'y	1	EX-B
-	GJT-401-00	Four way connector ass'y	1	EX-A

# Hydraulic system attachments(Full Free 3-Stage Mast KZM)



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

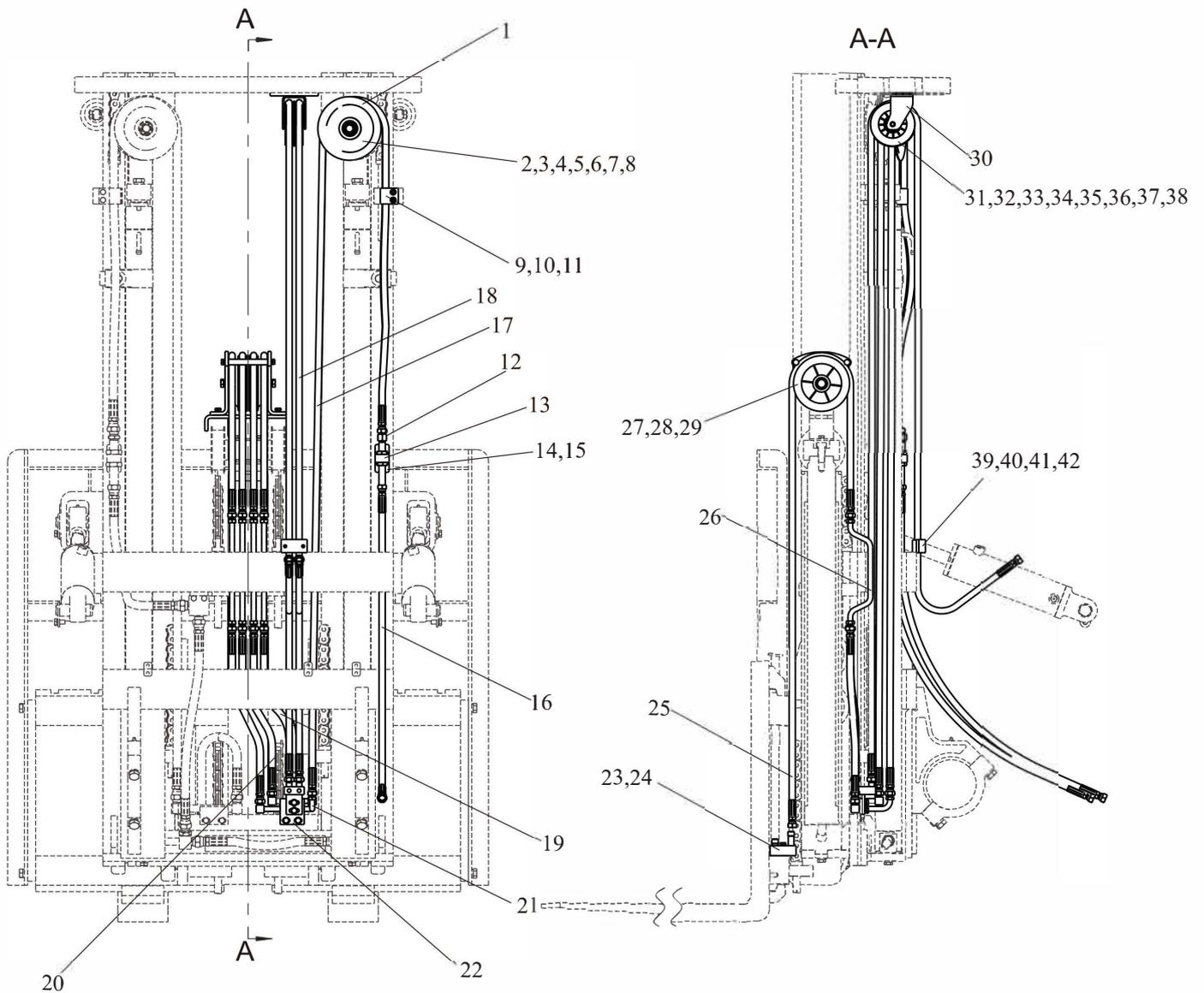
Item	Part No	Description	Q'ty	Remark
20	GB/T5783	M8×35 Bolt	2	
21	TGIBI-08XXX	8I×XXX Hose H.P.	2	EX-B
-	TGICI-08XXX	8I×XXX Hose H.P.	2	EX-A
22	TGIBI-08045*J	8I×450 Hose H.P.	2	EX-B
-	TGICI-08045*J	8I×450 Hose H.P.	2	EX-A
23	S30J3-90300	Steel Pipe ass'y	1	EX-B
-	S30J3-90300A	Steel Pipe ass'y	1	EX-A
24	S30K3-90200	Pulley frame	1	
25	GB/T5783	M8×16 Bolt	4	
26	GB/T93	8 Washer,lock	4	

---

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

(Mast Piping Optional Parts)			
Lifting Height	Hose(mm)	Hose(mm)	Remark
3700	2100	1300	
4000	2300	1400	
4350	2500	1550	
4500	2600	1600	
4800	2800	1700	
5000	2900	1900	
5500	3400	2070	
6000	3600	2230	
6500	4100	2400	
7000	4400	2550	
7500	4900	2700	

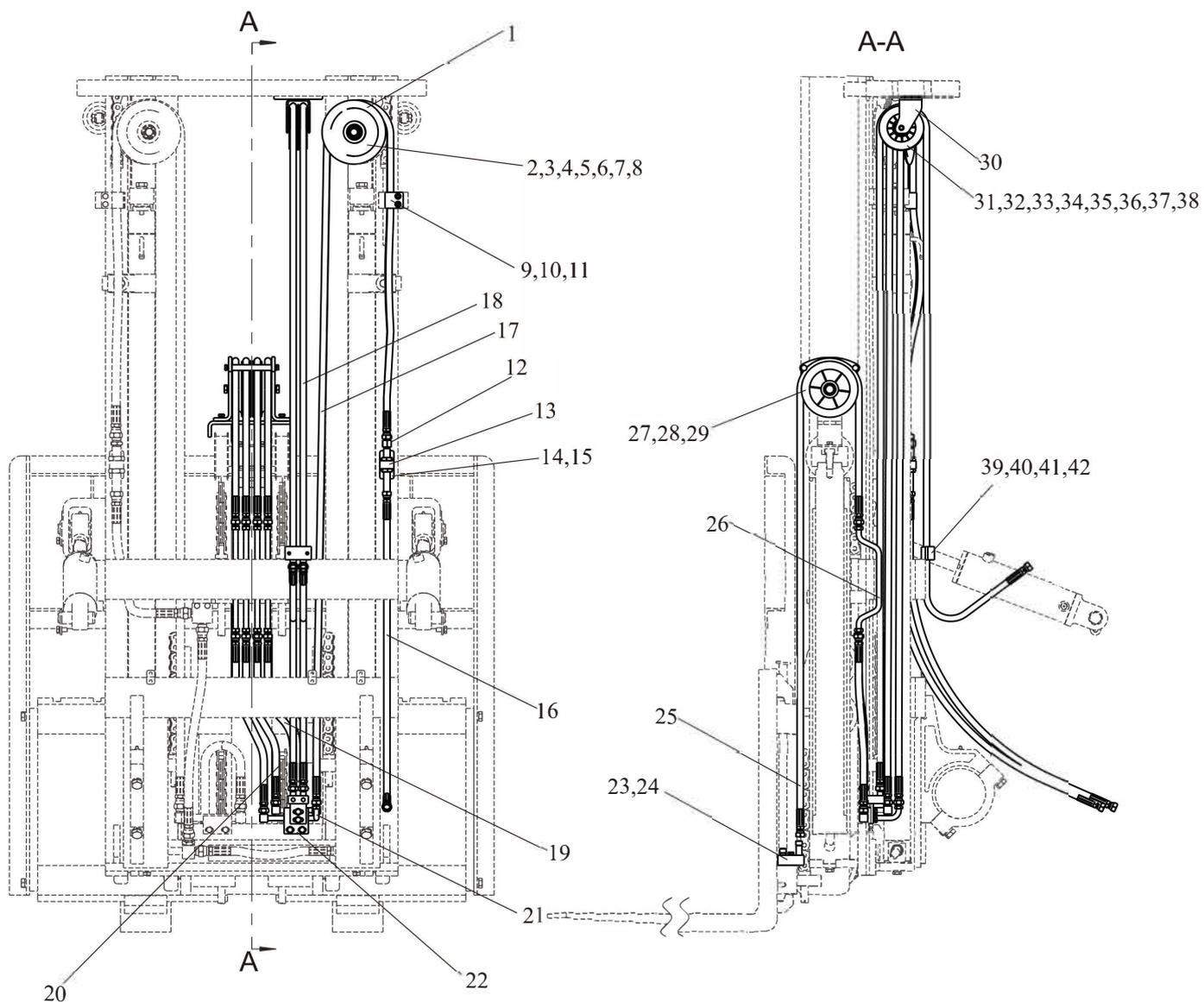
# Hydraulic system attachments(Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
1	S30J3-90001	Pulley	1	
2	GB/T5785	M16×1.5×50 Bolt	1	
3	GB/T93	16 Washer,lock	1	
4	GB/T97.1	16 Washer	1	
5	GB/T276	6205 Bearing	1	
6	GB/T893.1	52 Ring	1	
7	GB/T894.1	25 Ring	1	
8	S30J3-90002	Axle	1	
9	S30J3-90003	Clip	2	
10	GB/T70. 1	M8×50 Screw	2	
11	GB/T93	16 Washer,lock	22	
12	GJT-180-00	Nipple	2	EX-B
-	GJT-236-00	Nipple	2	EX-A
13	GB/T6171	M14×1.5 Nut	4	
14	S30J3-90006	Adapter bracket	1	
15	GB/T5783	M8×20 Bolt	4	
16	TGIBI-08095*J	8I×950 Hose H.P	2	EX-B
-	TGICI-08095*J	8I×950 Hose H.P.	2	EX-A
17	TGIBI-08XXX	8I×XXX Hose H.P	2	EX-B
-	TGICI-08XXX	8I×XXX Hose H.P.	2	EX-A
18	TGIBI-08XXX	8I×XXX Hose H.P.	2	EX-B
-	TGICI-08XXX	8I×XXX Hose H.P.	2	EX-A
19	TGIBI-08040	8I×400 Hose H.P.	2	EX-B
-	TGICI-08040	8I×400 Hose H.P.	2	EX-A
20	TGIBI-08045	8I×450 Hose H.P.	2	EX-B
-	TGICI-08045	8I×450 Hose H.P.	2	EX-A

# Hydraulic system attachments(Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
21	S30J3-90300	Connectors	1	EX-B
-	S30J3-90300A	Connectors	1	EX-A
22	S30J3-90100	Steel Pipe ass'y	1	EX-B
-	S30J3-90100A	Steel Pipe ass'y	1	EX-A
23	GJT-106-00	Established joint	1	EX-B
-	GJT-450-00	Established joint	1	EX-A
24	GB/T5783	M8×35 Bolt	2	
25	TGIBI-08XXX	8I×XXX Hose H.P.	4	EX-B
-	TGICI-08XXX	8I×XXX Hose H.P.	2	EX-A
26	S30K3-90300	Steel Pipe ass'y	2	EX-B
-	S30K3-90300A	Steel Pipe ass'y	2	EX-A
27	S30K3-90500	Pulley frame	1	
28	GB/T5783	M8×16 Bolt	4	
29	GB/T93	8 Washer,lock	4	
30	S30J3-90400	Pulley bracket	1	
31	S30K3-90001	Pulley	1	
32	GB/T5785	M10×20 Bolt	2	
33	GB/T93	10 Washer,lock	2	
34	GB/T97.1	10 Washer	2	
35	S30J3-90005	Axle	1	
36	GB/T276	6003 Bearing	1	
37	GB/T893.1	17 Ring	1	
38	GB/T894.1	35 Ring	1	
39	SJM30A-0004	Pallet	1	
40	SJM30A-0005	Band	2	
41	GB/T5783	M6×35 Bolt	2	
42	GB/T93	6 Washer,Lock	2	

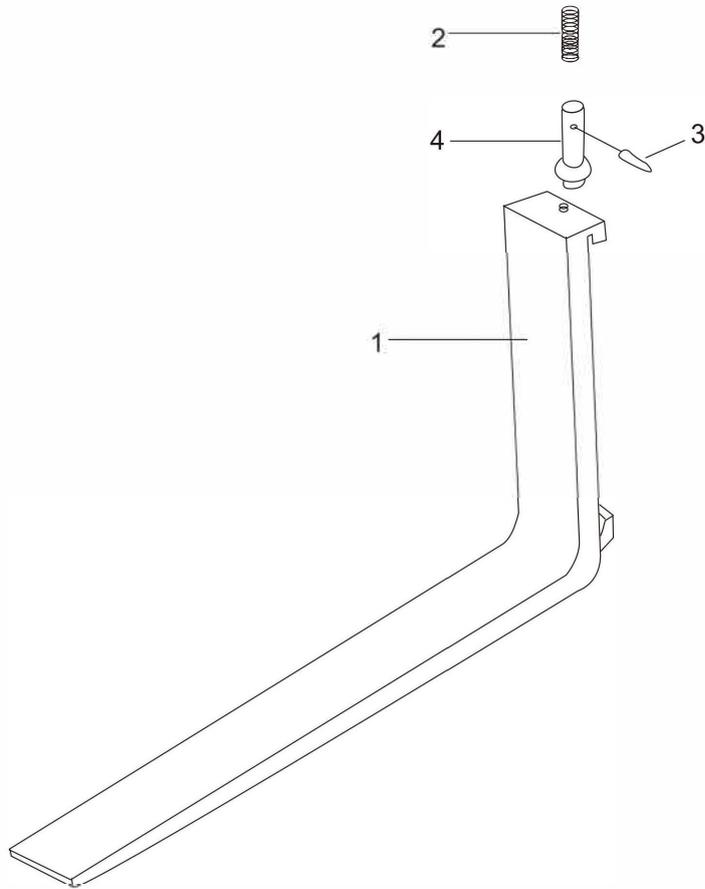
---

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

(Mast Piping Optional Parts)				
Lifting Height	Hose(mm)	Hose(mm)	Hose(mm)	Remark
3700	2100	3000	1300	
4000	2300	3200	1400	
4350	2500	3400	1550	
4500	2600	3500	1600	
4800	2800	3700	1700	
5000	2900	3800	1900	
5500	3400	4250	2100	
6000	3600	4500	2200	
6500	4100	5000	2400	
7000	4400	5300	2550	
7500	4900	5800	2700	

---

# Fork

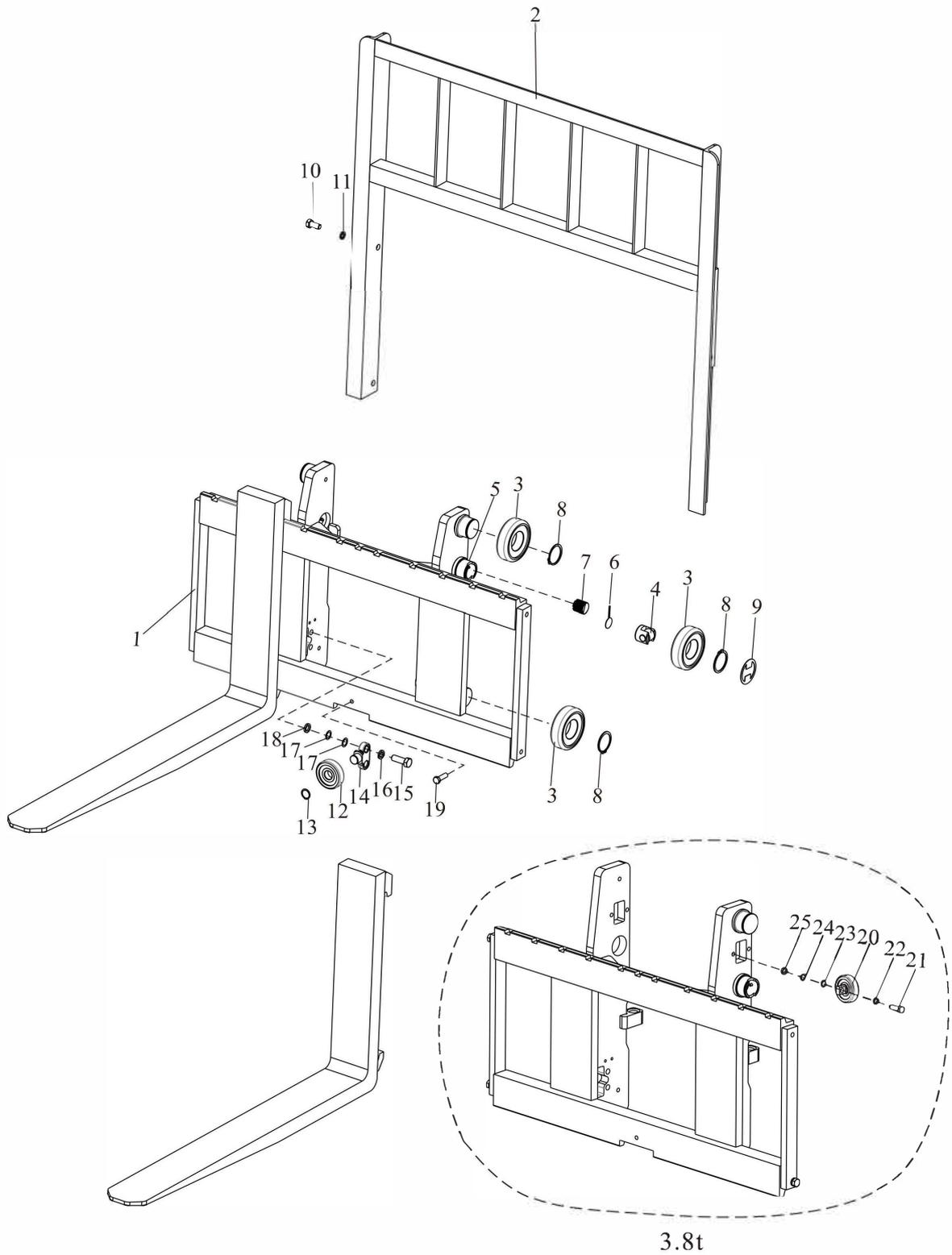


---

## Fork

Item	Part No	Description	Q'ty	Remark
1	A30A3-90000	Fork ass'y	2	3t
-	A35A3-90000	Fork ass'y	2	3.8t
2	A30A3-90001	Spring	2	3t
-	A35A3-90001	Spring	2	3.8t
3	A30A3-90002	Pin	2	3t
-	A35A3-90002	Pin	2	3.8t
4	A30A3-90003	Pin, stopper	2	3t
-	A35A3-90003	Pin, stopper	2	3.8t

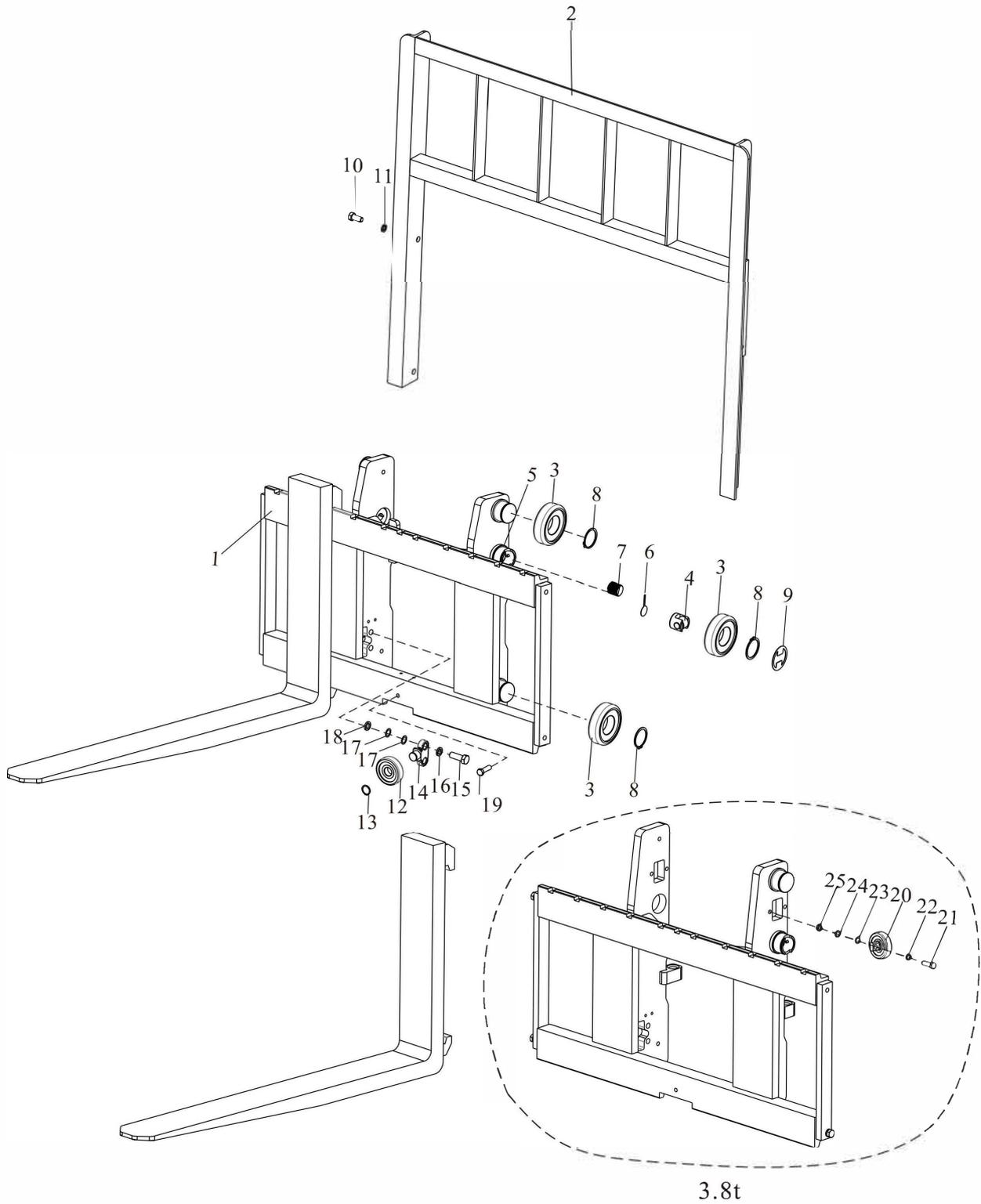
# Lift Bracket Normal Mast



## Lift Bracket Normal Mast

Item	Part No	Description	Q'ty	Remark
1	M30K3-50000	Lifting fork ass'y	1	3t
-	M35J3-50000	Lifting fork ass'y	1	3.8t
2	M30K3-60000	Backrest ass'y	1	
3	M30A3-40301	End Roller	6	
4	M30A3-40202-1	Side roller	2	
5	M30A3-30005-1	Shaft roller	2	
6	M30A3-40203-1	Loose slice	2	
7	M30A3-40302-1	Screw	2	
8	GB/T894.1	55 Snap,ring	6	
9	M30A3-40205-1	Dust-Proof ring	2	
10	GB/T5783	M14×25 Bolt	4	
11	GB/T93	14 Washer, lock	4	
12	M30K3-40200	Side roller	2	
13	GB/T894.1	25 Snap,ring	2	
14	M30K3-40001	Shaft roller	2	
15	GB/T5786	M16×1.25×45 Bolt	4	
16	GB/T93	16 Washer, lock	4	
17	M30K3-40006	Shim	8	
18	M30K3-40007	Spacer	4	
19	GB/T70.1	M12×25 Screw	1	
20	M30K3-40100	Side roller	2	3.8t
21	GB/T5786	M12×1.25×40 Bolt	4	3.8t
22	GB/T93	12 Washer,lock	4	3.8t
23	M30K3-40004	Shim	8	3.8t
24	M30K3-40005	Shim	8	3.8t
25	M30K3-40002	Spacer	4	3.8t

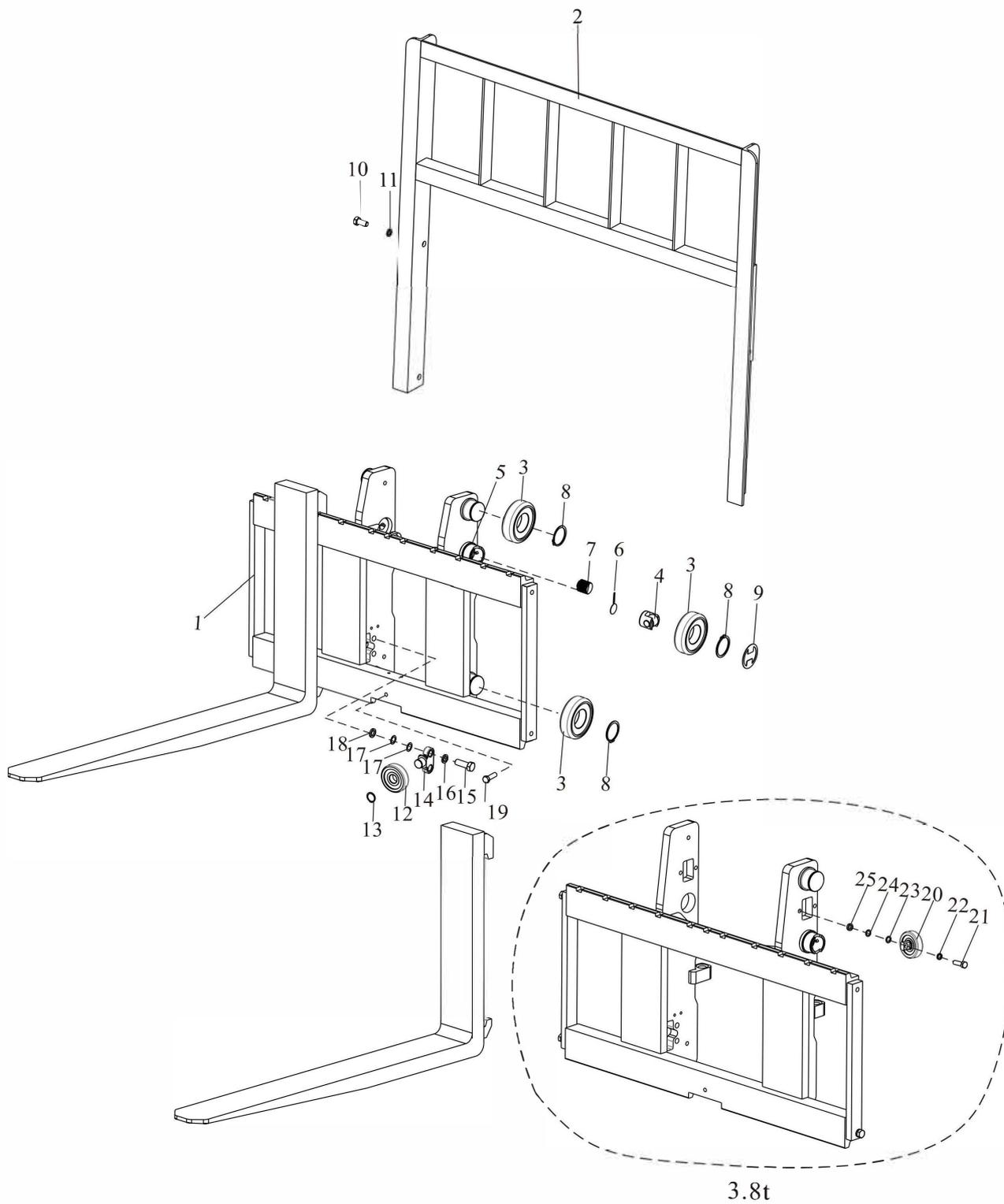
# Lift Bracket Full Free 2-Stage Mast



## Lift Bracket Full Free 2-Stage Mast

Item	Part No	Description	Q'ty	Remark
1	Z30K3-50000	Lifting fork ass'y	1	3t
-	Z35J3-50000	Lifting fork ass'y	1	3.8t
2	M30K3-60000	Backrest ass'y	1	
3	M30A3-40301	End Roller	6	
4	M30A3-40202-1	Side roller	2	
5	M30A3-30005-1	Shaft roller	2	
6	M30A3-40203-1	Loose slice	2	
7	M30A3-40302-1	Screw	2	
8	GB/T894.1	55 Snap,ring	6	
9	M30A3-40205-1	Dust-Proof ring	2	
10	GB/T5783	M14×25 Bolt	4	
11	GB/T93	14 Washer, lock	4	
12	M30K3-40200	Side roller	2	
13	GB/T894.1	25 Snap,ring	2	
14	M30K3-40001	Shaft roller	2	
15	GB/T5786	M16×1.25×45 Bolt	4	
16	GB/T93	16 Washer, lock	4	
17	M30K3-40006	Shim	8	
18	M30K3-40007	Spacer	4	
19	GB/T70.1	M12×25 Screw	1	
20	M30K3-40100	Side roller	2	3.8t
21	GB/T5786	M12×1.25×40 Bolt	4	3.8t
22	GB/T93	12 Washer,lock	4	3.8t
23	M30K3-40004	Shim	8	3.8t
24	M30K3-40005	Shim	8	3.8t
25	M30K3-40002	Spacer	4	3.8t

# Lift Bracket Full Free 3-Stage Mast

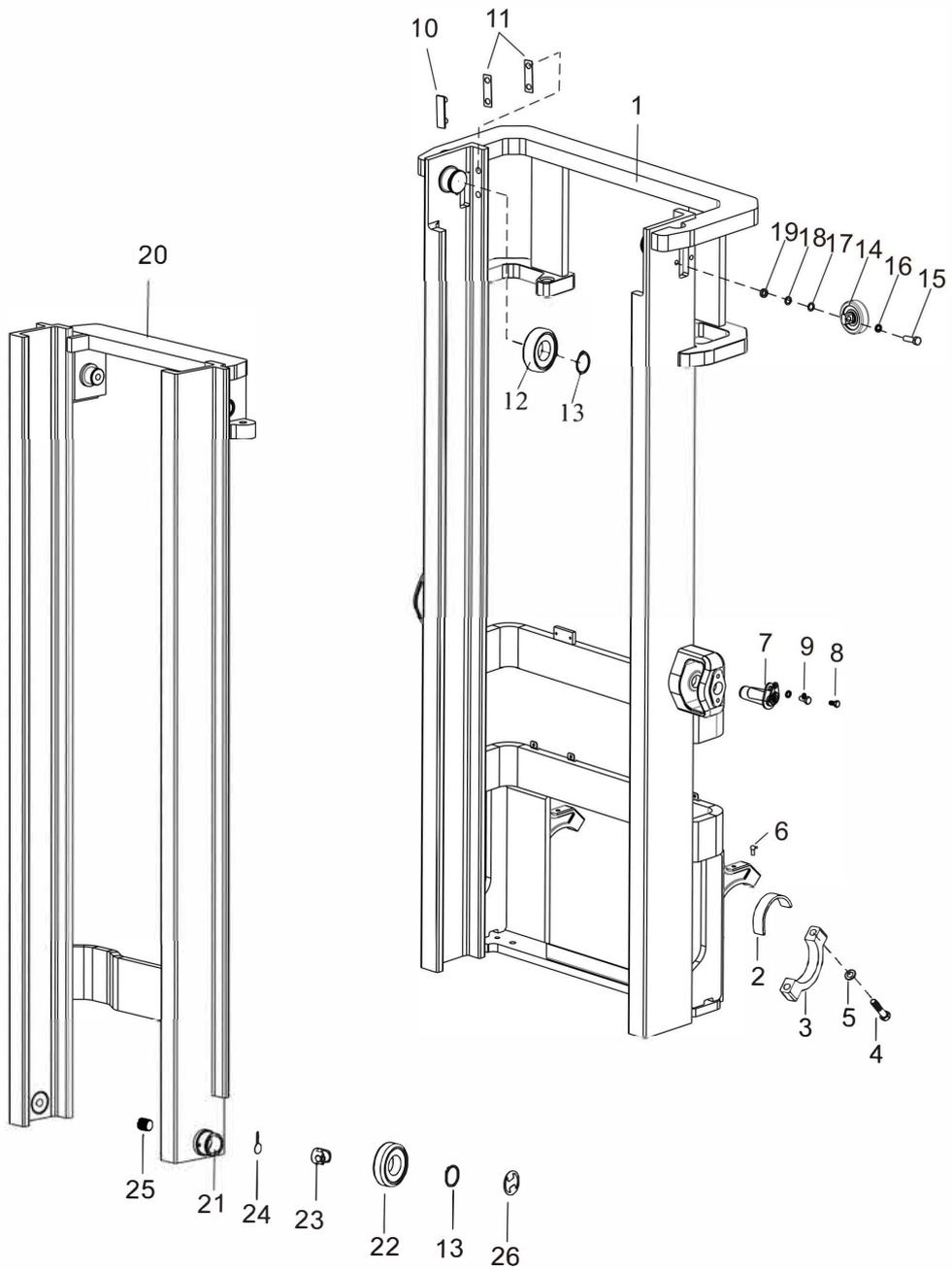


## Lift Bracket Full Free 3-Stage Mast

Item	Part No	Description	Q'ty	Remark
1	S30J3-50000	Lifting fork ass'y	1	3t
-	S35J3-50000	Lifting fork ass'y	1	3.8t
2	M30K3-60000	Backrest ass'y	1	
3	M30A3-40301	End Roller	6	
4	M30A3-40202-1	Side roller	2	
5	M30A3-30005-1	haft roller	2	
6	M30A3-40203-1	Loose slice	2	
7	M30A3-40302-1	Screw	2	
8	GB/T894.1	55 Snap,ring	6	
9	M30A3-40205-1	Dust-Proof ring	2	
10	GB/T5783	M14×25 Bolt	4	
11	GB/T93	14 Washer, lock	4	
12	M30K3-40200	Side roller	2	
13	GB/T894.1	25 Snap,ring	2	
14	M30K3-40001	Shaft roller	2	
15	GB/T5786	M16×1.25×45 Bolt	4	
16	GB/T93	16 Washer, lock	4	
17	M30K3-40006	Shim	8	
18	M30K3-40007	Spacer	4	
19	GB/T70.1	M12×25 Screw	1	
20	M30K3-40100	Side roller	2	3.8t
21	GB/T5786	M12×1.25×40 Bolt	4	3.8t
22	GB/T93	12 Washer,lock	4	3.8t
23	M30K3-40004	Shim	8	3.8t
24	M30K3-40005	Shim	8	3.8t
25	M30K3-40002	Spacer	4	3.8t

Mast (Normal mast KM)

3t



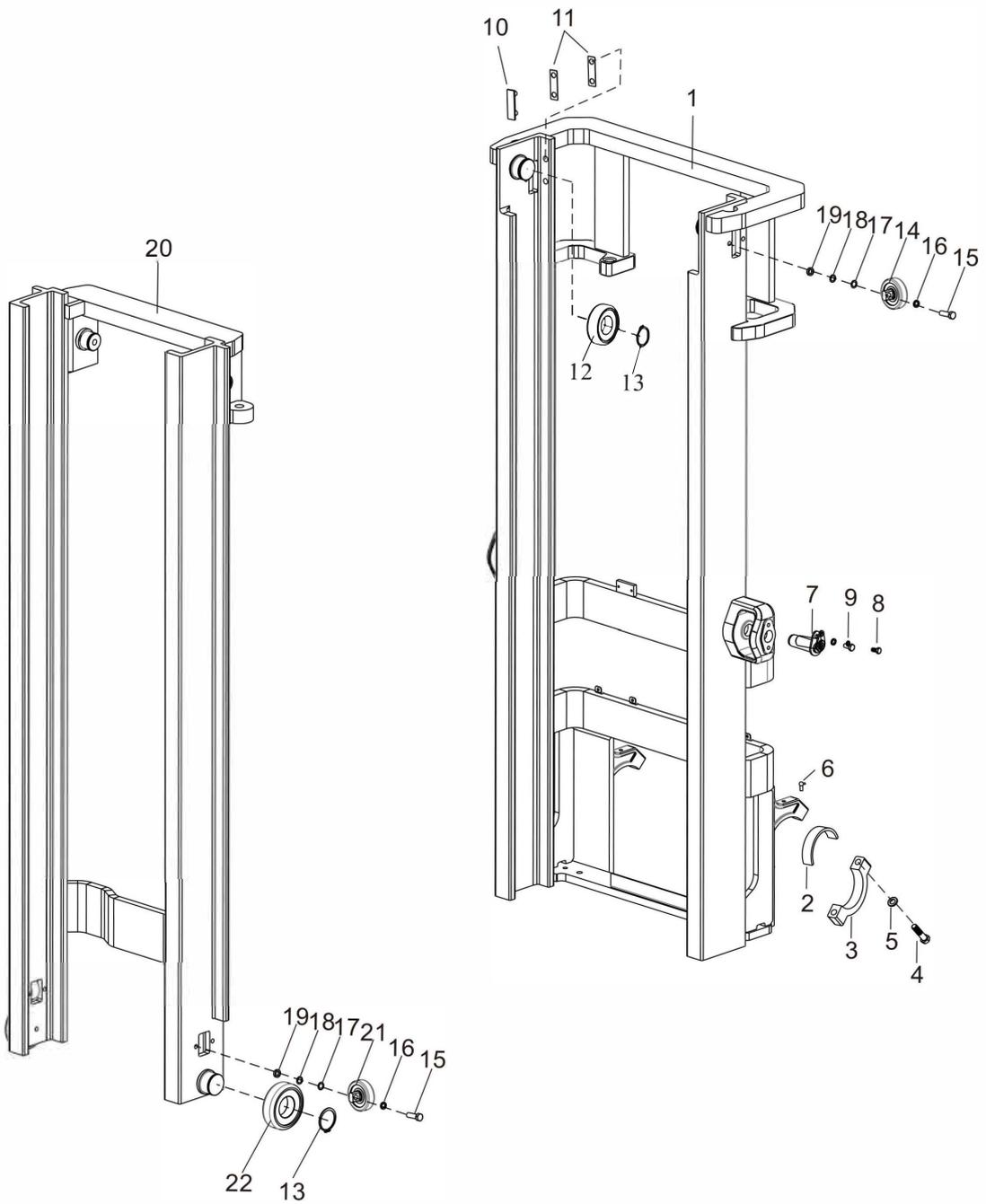
## Mast (Normal mast KM)

3t

Item	Part No	Description	Q'ty	Remark
1	M30K3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16×1.5×70 Bolt	4	
5	GB/T93	16 Washer,lock	4	
6	JB/T7940.1	Oil cup	2	
7	M30A3-00100	Pin axle	4	
8	GB/T5786	M10×1.25×20 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	2	
12	M30A3-40201	End Roller	2	
13	GB/T894.1	55 Snap,ring	4	
14	M30K3-40300	Side roller	2	
15	GB/T5786	M12×1.25×40 Bolt	4	
16	GB/T93	12 Washer,lock	4	
17	M30K3-40004	Shim	12	
18	M30K3-40005	Shim	8	
19	M30K3-40002	Spacer	4	
20	M30K3-30000	Mast,inner	1	
21	M30A3-30005-1	Shaft roller	2	
22	M30A3-40301	End Roller	2	
23	M30A3-40202-1	Side roller	2	
24	M30A3-40203-1	Loose slice	2	
25	M30A3-40302-1	Screw	2	
26	M30A3-40205-1	Dust-Proof ring	2	

Mast (Normal mast KM)

3.8t



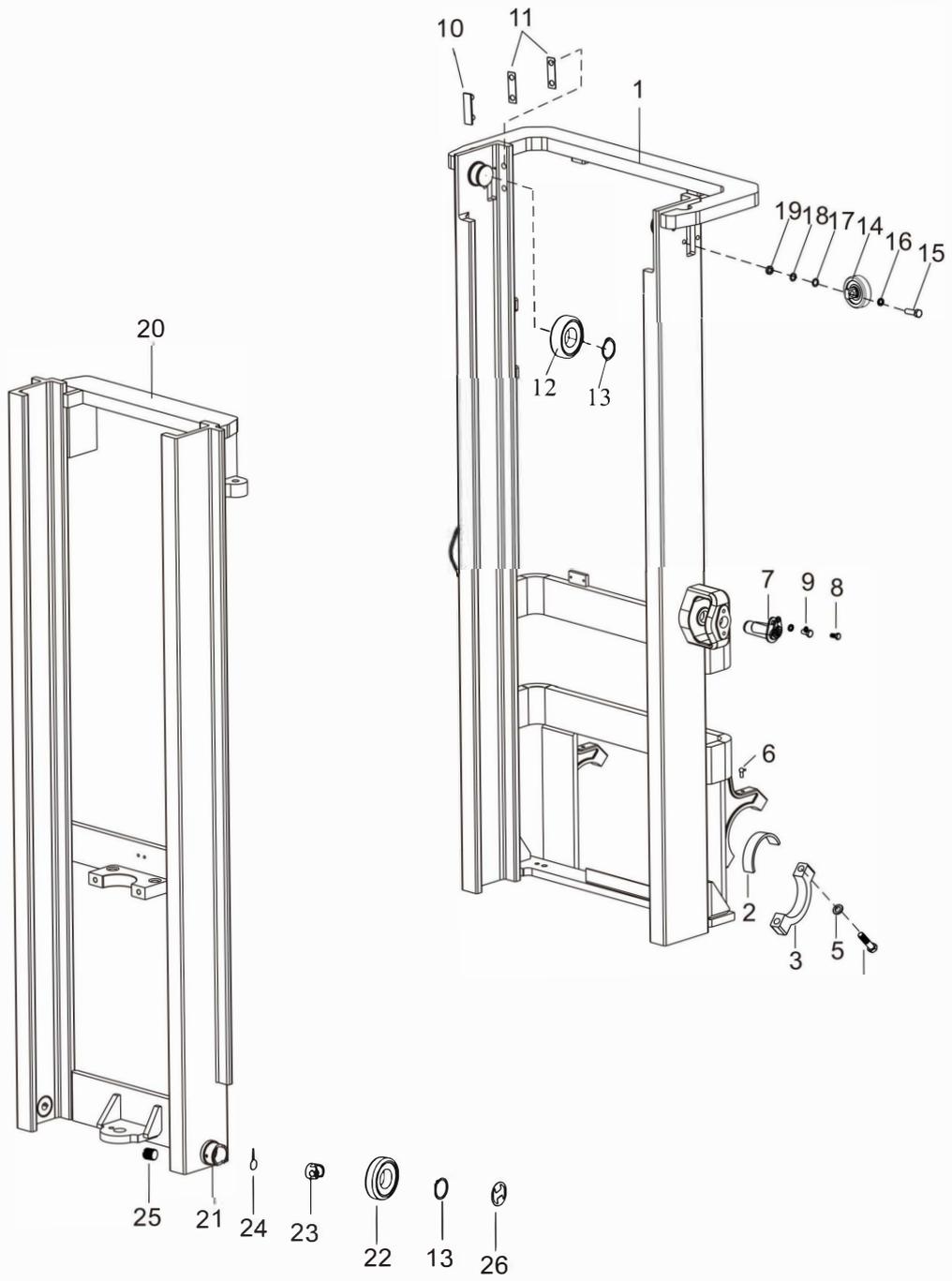
## Mast (Normal mast KM)

3.8t

Item	Part No	Description	Q'ty	Remark
1	M35J3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16×1.5×70 Bolt	4	
5	GB/T93	16 Washer,lock	4	
6	JB/T7940.1	Oil cup	2	
7	M30A3-00100	Pin axle	4	
8	GB/T5786	M10×1.25×20 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	2	
12	M30A3-40201	End Roller	2	
13	GB/T894.1	55 Snap,ring	4	
14	M30K3-40300	Side roller	2	
15	GB/T5786	M12×1.25×40 Bolt	8	
16	GB/T93	12 Washer,lock	8	
17	M30K3-40004	Shim	12	
18	M30K3-40005	Shim	12	
19	M30K3-40002	Spacer	8	
20	M35J3-30000	Mast,inner	1	
21	M30K3-40100	Side roller	2	
22	M30A3-40301	End Roller	2	

Mast (Full free 2-stage mast KZM)

3t



## Mast (Full free 2-stage mast KZM)

3t

Item	Part No	Description	Q'ty	Remark
1	Z30K3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16×1.5×70 Bolt	4	
5	GB/T93	16 Washer,lock	4	
6	JB/T7940.1	Oil cup	2	
7	M30A3-00100	Pin axle	4	
8	GB/T5786	M10×1.25×20 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	2	
12	M30A3-40201	End Roller	2	
13	GB/T894.1	55 Snap,ring	4	
14	M30K3-40300	Side roller	2	
15	GB/T5786	M12×1.25×40 Bolt	4	
16	GB/T93	12 Washer,lock	4	
17	M30K3-40004	Shim	12	
18	M30K3-40005	Shim	8	
19	M30K3-40002	Spacer	4	
20	Z30K3-30000	Mast,inner	1	
21	M30A3-30005-1	Shaft roller	2	
22	M30A3-40301	End Roller	2	
23	M30A3-40202-1	Side roller	2	
24	M30A3-40203-1	Loose slice	2	
25	M30A3-40302-1	Screw	2	
26	M30A3-40205-1	Dust-Proof ring	2	



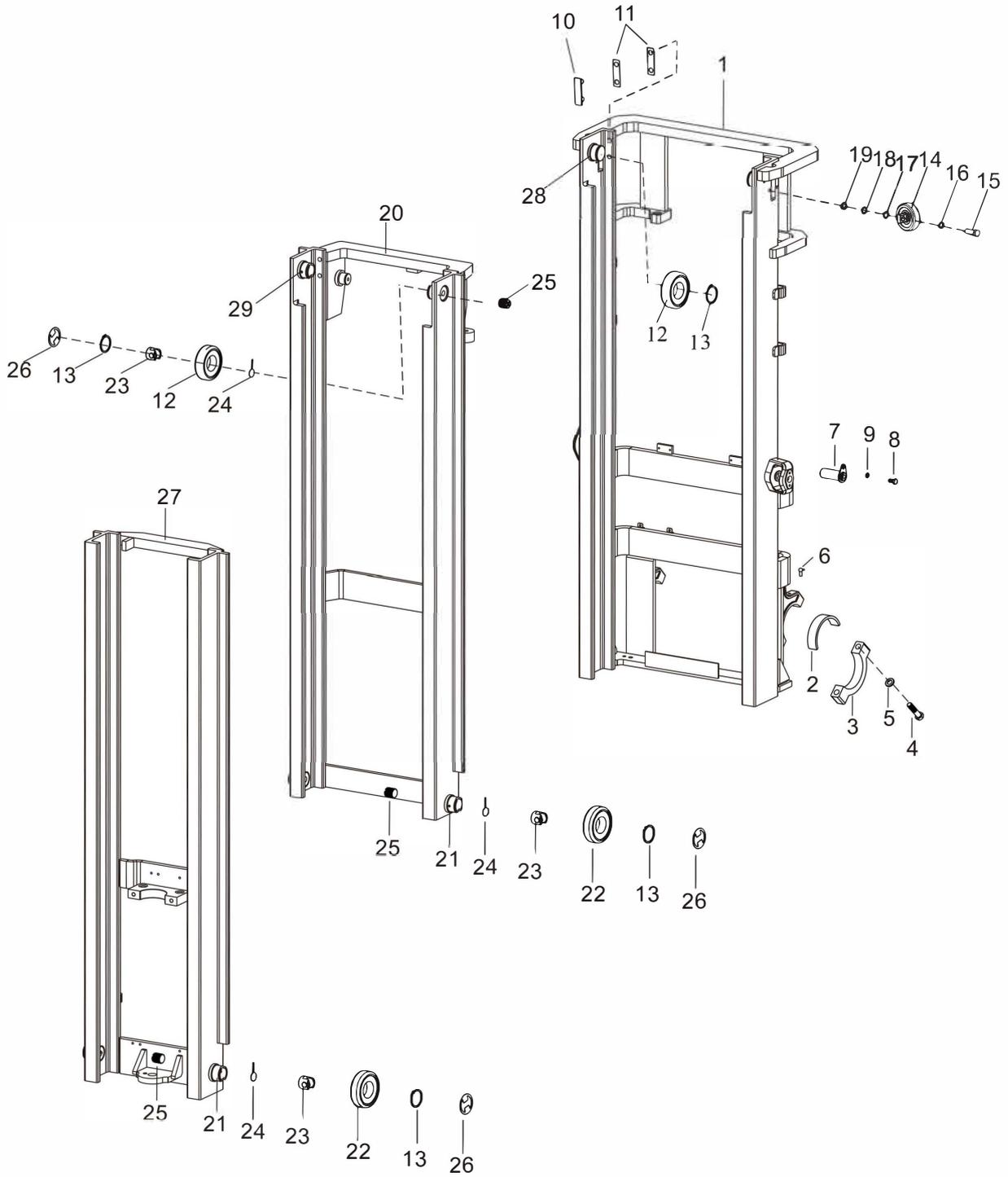
## Mast (Full free 2-stage mast KZM)

3.8t

Item	Part No	Description	Q'ty	Remark
1	Z35J3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16×1.5×70 Bolt	4	
5	GB/T93	16 Washer,lock	4	
6	JB/T7940.1	Oil cup	2	
7	M30A3-00100	Pin axle	4	
8	GB/T5786	M10×1.25×20 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	M30A3-40001	Slipper	2	
11	M30A3-40002/3	Shim	2	
12	M30A3-40201	End Roller	2	
13	GB/T894.1	55 Snap,ring	4	
14	M30K3-40300	Side roller	2	
15	GB/T5786	M12×1.25×40 Bolt	8	
16	GB/T93	12 Washer,lock	8	
17	M30K3-40004	Shim	12	
18	M30K3-40005	Shim	12	
19	M30K3-40002	Spacer	8	
20	Z35J3-30000	Mast,inner	1	
21	M30K3-40100	Side roller	2	
22	M30A3-40301	End Roller	4	

Mast (Full free 3-stage mast KZM)

3t



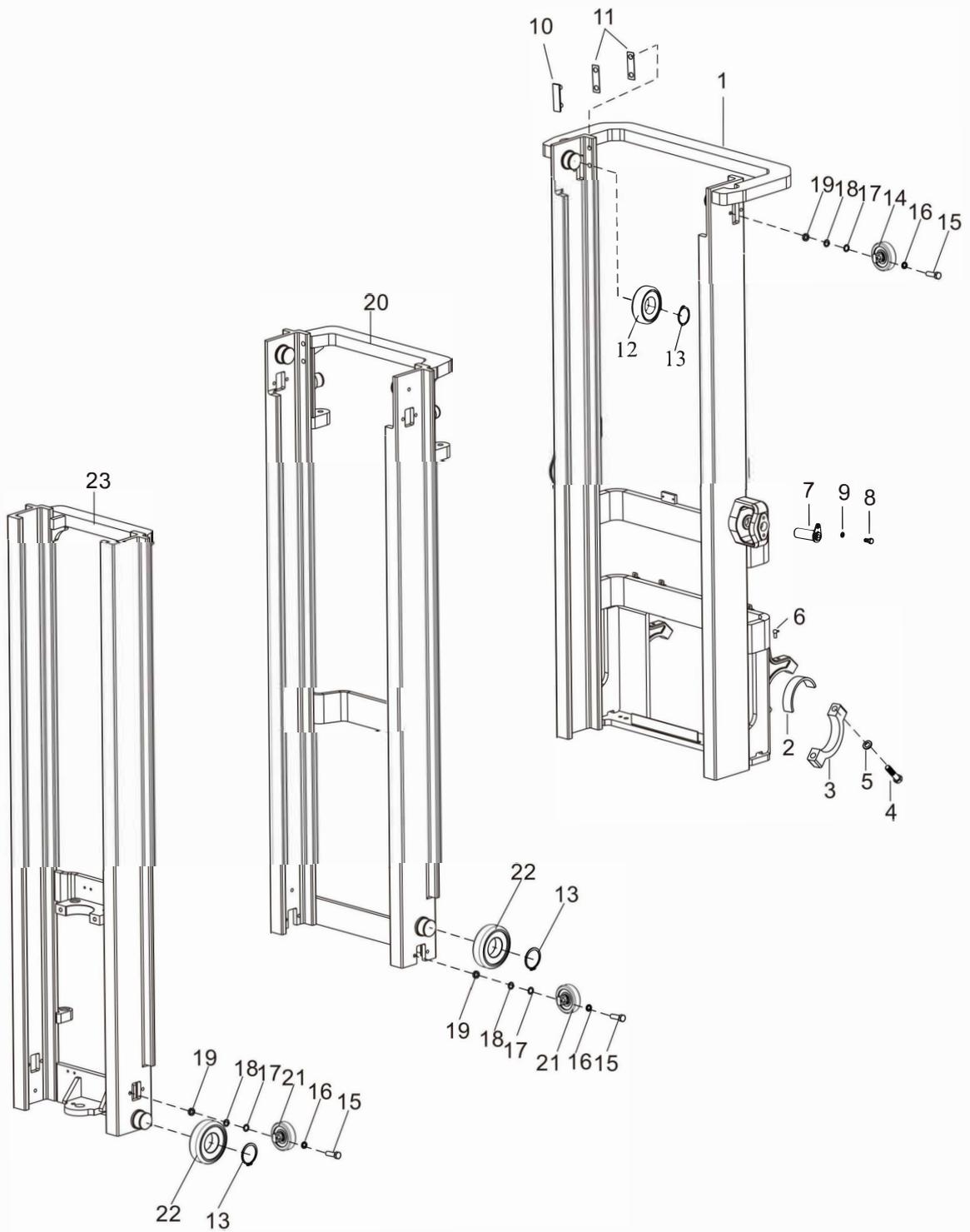
## Mast (Full free 3-stage mast KZM)

3t

Item	Part No	Description	Q'ty	Remark
1	S30J3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16×1.5×70 Bolt	4	
5	GB/T93	16 Washer,lock	4	
6	JB/T7940.1	Oil cup	2	
7	M30A3-00100	Pin axle	4	
8	GB/T5786	M10×1.25×20 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	M30A3-40001	Slipper	4	
11	M30A3-40002/3	Shim	4	
12	M30A3-40201	End Roller	4	
13	GB/T894.1	55 Snap,ring	8	
14	M30K3-40300	Side roller	2	
15	GB/T5786	M12×1.25×40 Bolt	4	
16	GB/T93	12 Washer,lock	4	
17	M30K3-40004	Shim	12	
18	M30K3-40005	Shim	8	
19	M30K3-40002	Spacer	4	
20	S30J3-20000	Medium Master	1	
21	M30A3-30005-1	Shaft roller	4	
22	M30A3-40301	End Roller	4	
23	M30A3-40202-1	Side roller	6	
24	M30A3-40203-1	Loose slice	6	
25	M30A3-40302-1	Screw	6	
26	M30A3-40205-1	Dust-Proof ring	6	
27	S30J3-30000	Mast,inner	1	
28	M30K3-10003	Shaft roller	2	
29	M30A3-10002-1	Shaft roller	2	

Mast (Full free 3-stage mast KZM)

3.8t



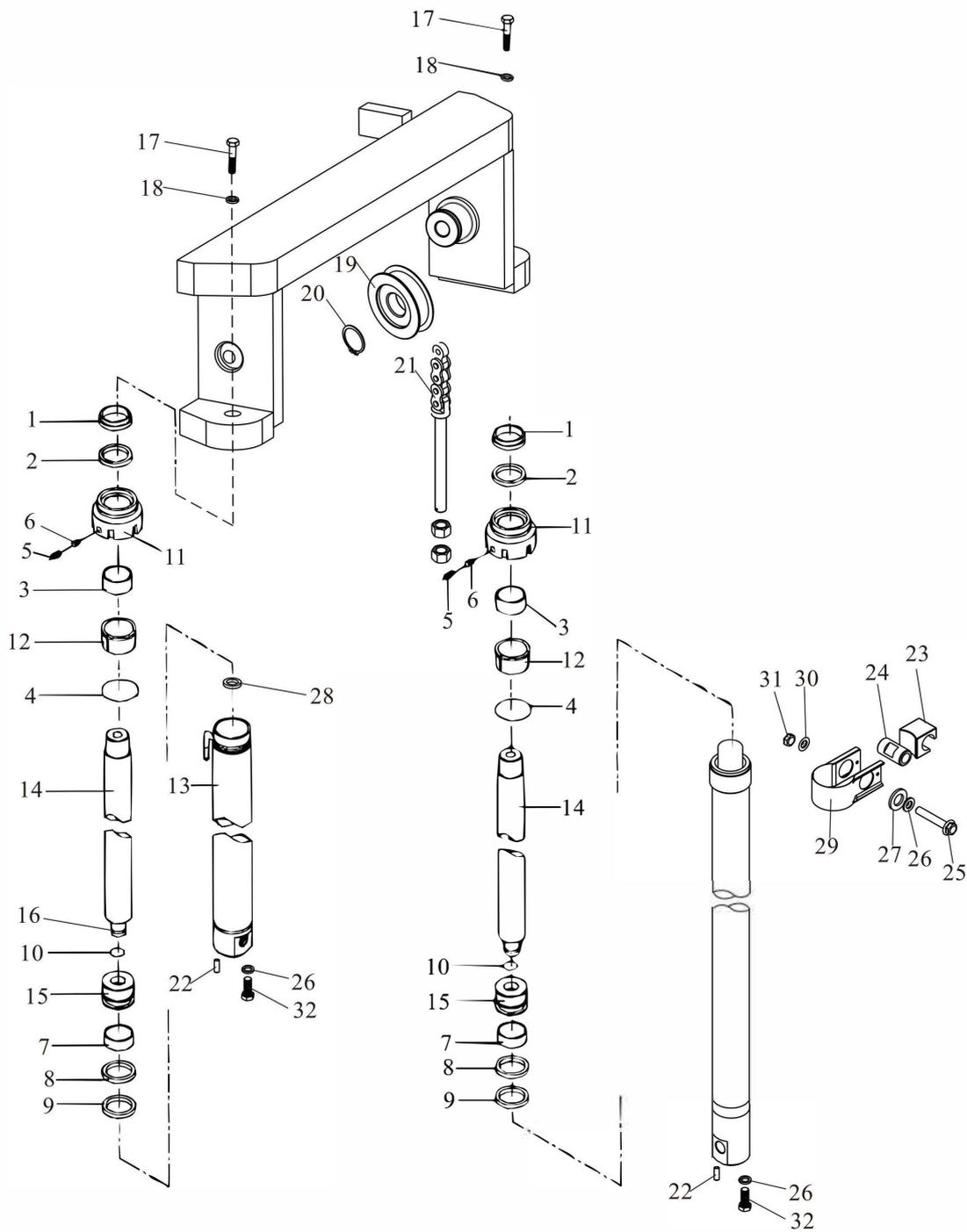
## Mast (Full free 3-stage mast KZM)

3.8t

Item	Part No	Description	Q'ty	Remark
1	S35J3-10000	Mast,outer	1	
2	M30A3-00002	Bushing	2	
3	M30A3-00001	Cap	2	
4	GB/T5785	M16×1.5×70 Bolt	4	
5	GB/T93	16 Washer,lock	4	
6	JB/T7940.1	Oil cup	2	
7	M30A3-00100	Pin axle	4	
8	GB/T5786	M10×1.25×20 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	M30A3-40001	Slipper	4	
11	M30A3-40002/3	Shim	4	
12	M30A3-40201	End Roller	4	
13	GB/T894.1	55 Snap,ring	8	
14	M30K3-40300	Side roller	2	
15	GB/T5786	M12×1.25×40 Bolt	16	
16	GB/T93	12 Washer,lock	16	
17	M30K3-40004	Shim	24	
18	M30K3-40005	Shim	24	
19	M30K3-40002	Spacer	16	
20	S35J3-20000	Medium Master	1	
21	M30K3-40100	Side roller	4	
22	M30A3-40301	End Roller	4	
23	S35J3-30000	Mast,inner	1	

Lift Cylinder(Normal Mast KM)

3t



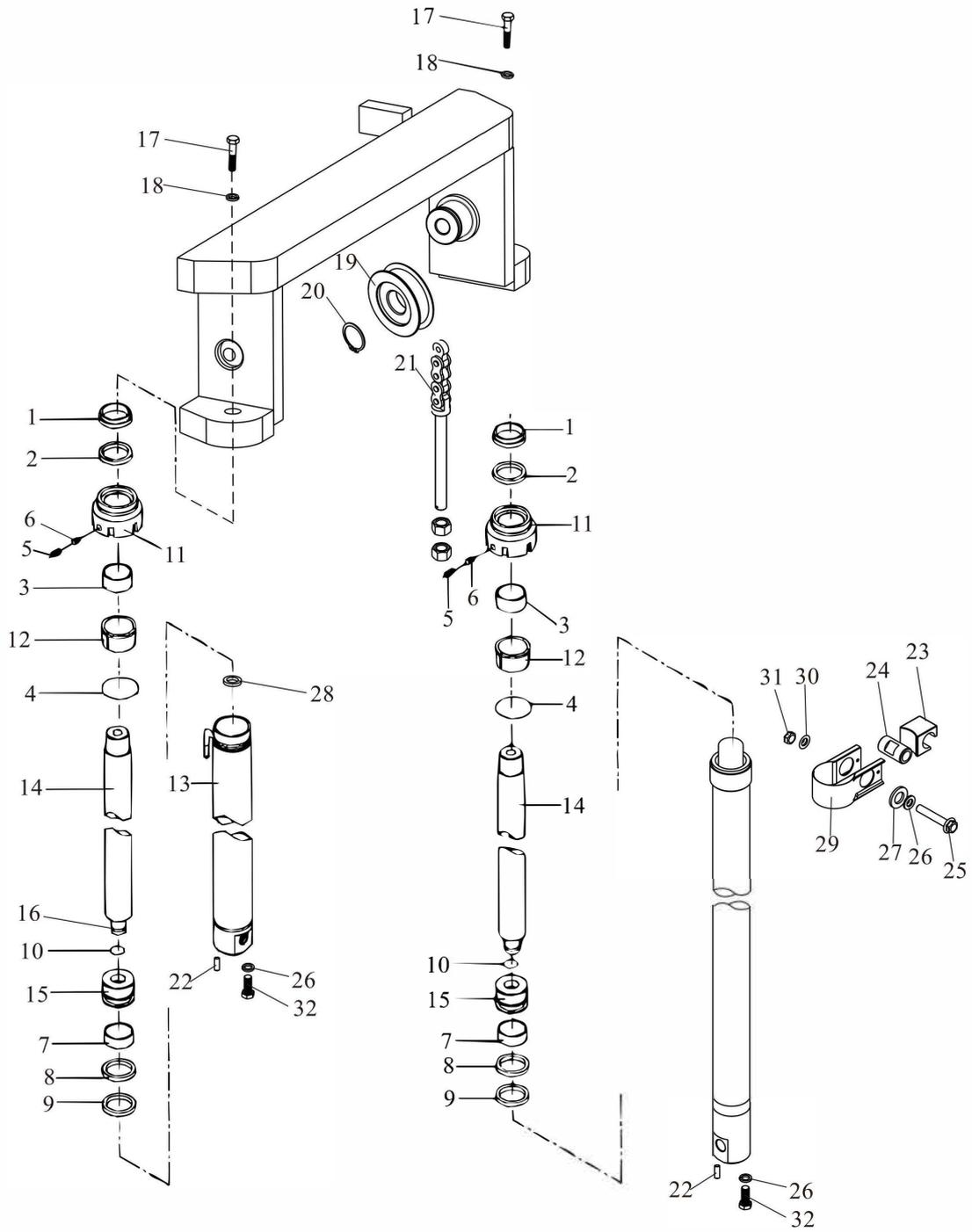
## Lift Cylinder(Normal Mast KM)

3t

Item	Part No	Description	Q'ty	Remark
A	A30B4-10100L/R	Lift cylinder ass,y	1	
1	A30A4-10101	45×57×7/10 Dust ring	2	
2	A30A4-10102	45×55×6 Ring	2	
3	A30A4-10103	4530 Guide bushing	2	
4	GB/T1235	68×3.1 O-ring	2	
5	GB/T80	M8×8 Screw	4	
6	A30A4-10104	Plug	4	
7	A30A4-10105	56×20×2.5 Wearing	2	
8	A30A4-10106	56×45×3 Ring, back up <sup>l</sup>	2	
9	A30A4-10107	56×45×7 U-ring	2	
10	A30A4-10108	Snap ring	2	
11	A30A4-10109	Guide,Sleeve	2	
12	A30A4-10110	Sleeve	2	
13	A30B4-10101	Cylinder	2	
14	A30B4-10102	Piston rod	2	
15	A30A4-10113	Piston	2	
16	A30A4-10114	Spacer	2	
17	GB/T5786	M16×1.5×45 Bolt	2	
18	GB/T93	16 Washer,lock	2	
19	M30A3-80100	Sheave	2	
20	GB/T894.1	40 Snap ring	2	
21	LH1623×N	Chain ass'y	2	
22	GB/T119.1	D10×26 Pin	2	
23	S30F3-80004	Block rubber	2	

Lift Cylinder(Normal mast KM)

3t



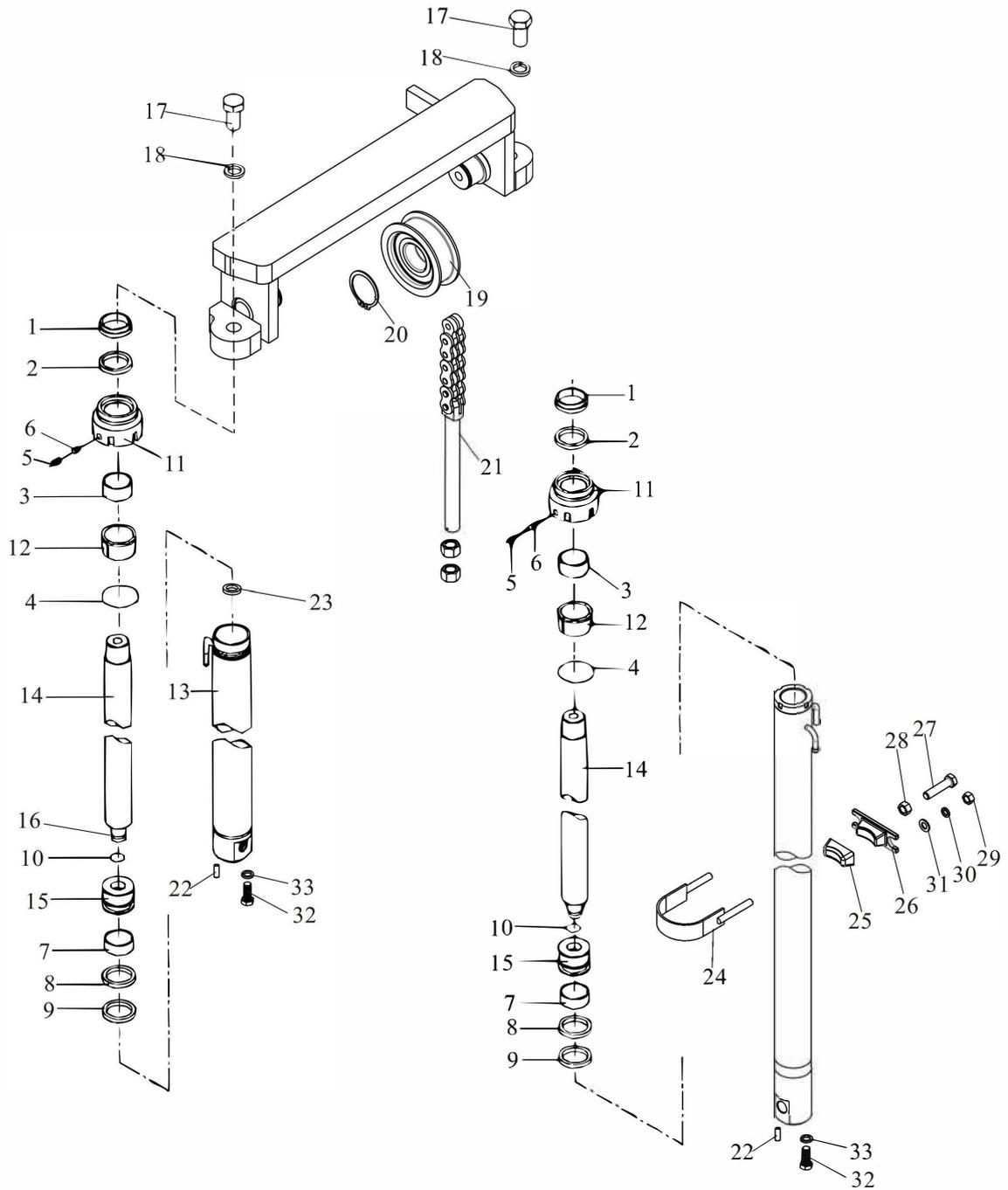
## Lift Cylinder(Normal mast KM)

3t

Item	Part No	Description	Q'ty	Remark
24	S30F3-80003	Casing	2	
25	GB/T5786	M12×1.25×70 Bolt	2	
26	GB/T93	12 Washer,lock	4	
27	D30C1-10002	16 Washer	2	
28	S30F3-80001	Adjustable pad	4	
29	S30F3-80002	Clip	2	
30	GB/T97.1	12 Washer	2	
31	GB/T6171	M12×1.25 Nut	2	
32	GB/T5786	M12×1.25×30 Bolt	2	

Lift Cylinder(Normal Mast KM)

3.8t



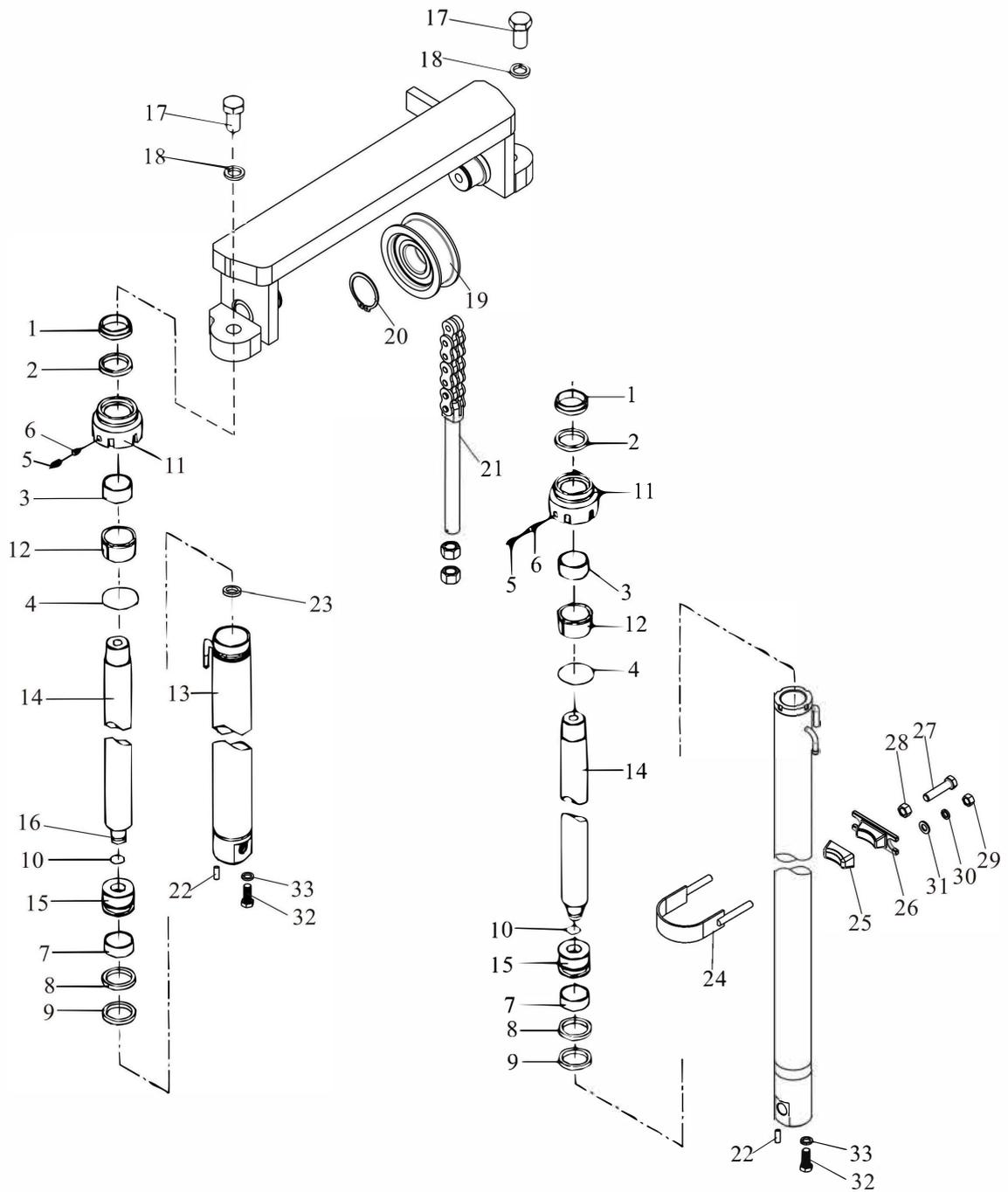
## Lift Cylinder(Normal Mast KM)

3.8t

Item	Part No	Description	Q'ty	Remark
A	A35B4-10100L/R	Lift cylinder ass,y	2	
1	A35A4-10103	50×62×7/10 Dust ring	2	
2	A35A4-10104	50×60×6 Ring	2	
3	A35A4-10105	5040 Guide bushing	2	
4	GB/T1235	75×3.1 O-ring	2	
5	GB/T80	M8×8 Screw	4	
6	A35A4-10106	6×3 Plug	4	
7	A35A4-10107	60×20×2.5 Wearing	2	
8	A35A4-10108	63×53×3 Ring, back up孔	2	
9	A35A4-10109	63×53×6 Ring	2	
10	A35A4-10110	Snap ring	2	
11	A35A4-10111	Cap, lift cylinder	2	
12	A35A4-10112	Sleeve	2	
13	A35B4-10101	Cylinder	2	
14	A35B4-10102	Piston rod	2	
15	A35A4-10113	Piston	2	
16	A35A4-10114	Spacer	2	
17	GB/T5786	M20×1.5×50 Bolt	2	
18	GB/T93	20 Washer,lock	2	
19	M35A3-80100	Sheave	2	
20	GB/T894.1	45 Snap ring	2	
21	LH1634×N	Chain ass'y	2	
22	GB/T119.1	D10×26 Pin	2	
23	S30A3-80001	Adjustable pad	2	

Lift Cylinder(Normal Mast KM)

3.8t

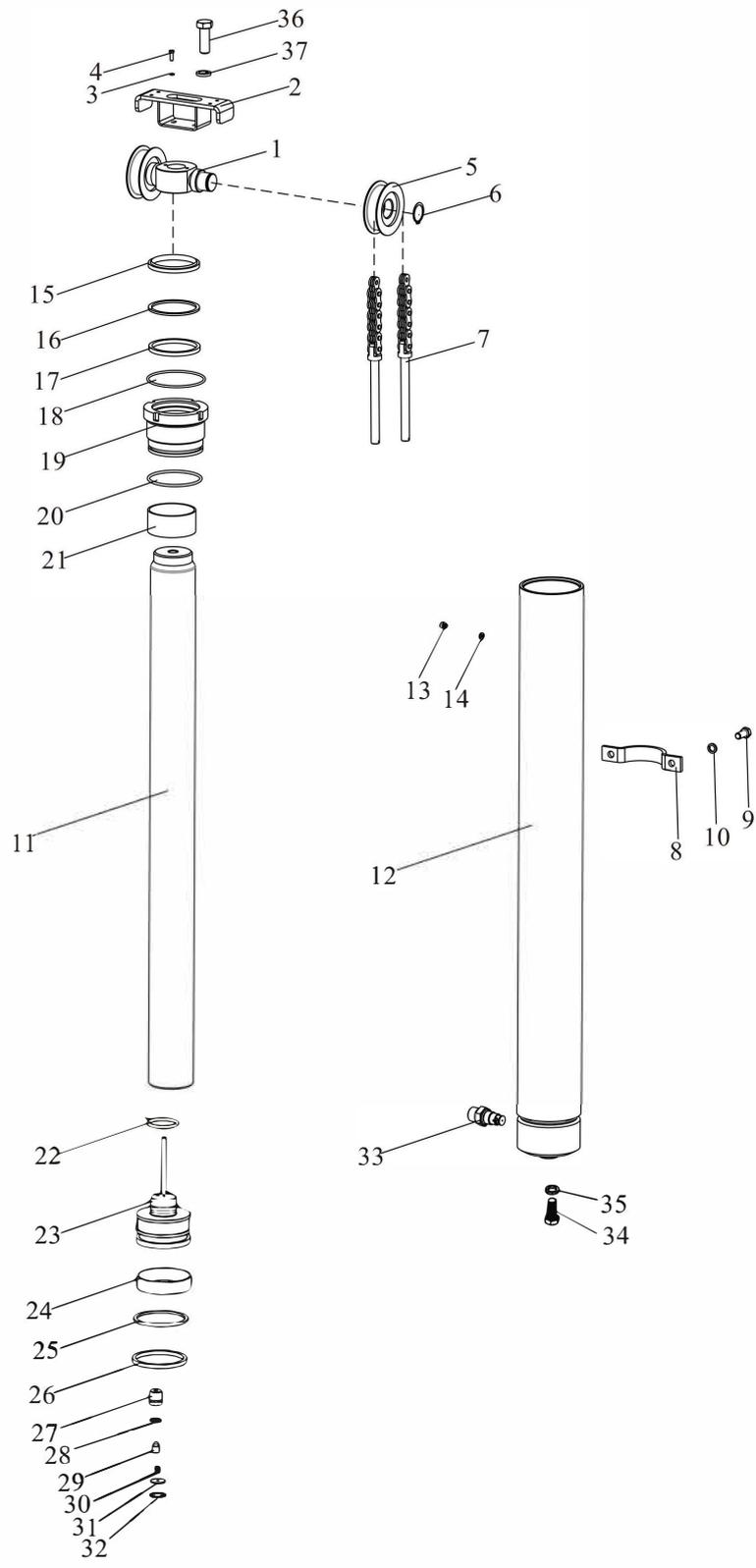


Lift Cylinder(Normal mast KM)

3.8t

Item	Part No	Description	Q'ty	Remark
24	M35K3-80100	Oil cylinder hoop	2	
25	M30A3-80002	Spacer	2	
26	M30A3-80003	Support	2	
27	GB/T5786	M12×1.25×50 Bolt	2	
28	GB/T6171	M12×1.25 Nut	2	
29	GB/T6170	M10 Nut	4	
30	GB/T93	10 Washer,lock	4	
31	GB/T97.1	10 Washer	4	
32	GB/T5786	M12×1.25×35 Bolt	2	
33	GB/T93	12 Washer,lock	2	

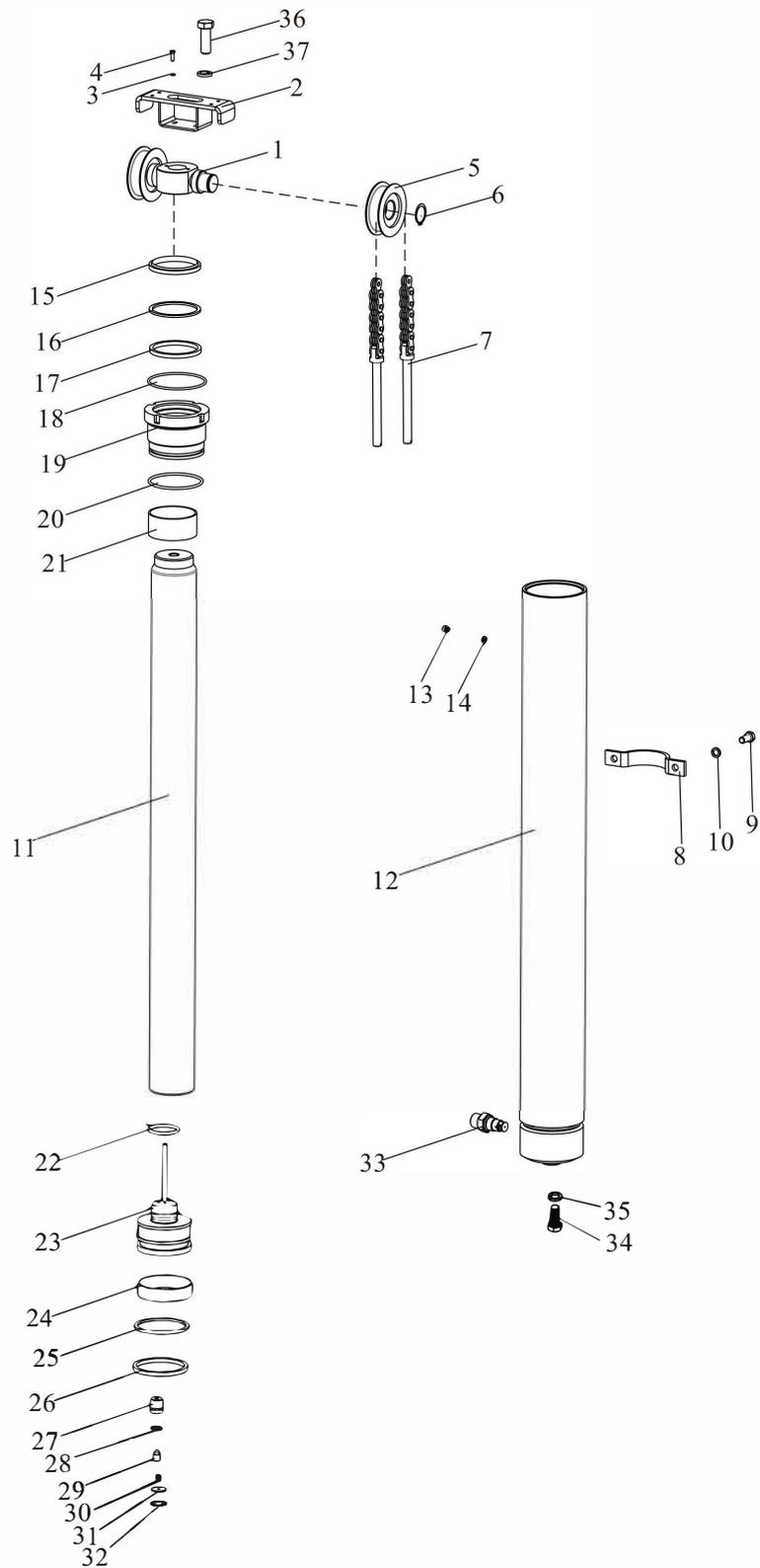
# Front Lift Cylinder (Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A30B4-10300	Front lift cylinder ass'y	1	3t
-	A35B4-10300	Front lift cylinder ass'y	1	3.8t
1	S30K3-80100	Sheave Seat	1	3t
-	S35K3-80100	Sheave Seat	1	3.8t
2	S30K3-80200	Stopper chain	1	3t
-	S35K3-80200	Stopper chain	1	3.8t
3	GB/T93	8 Washer,lock	2	
4	GB/T5783	M8×16 Bolt	2	
5	M30A3-80100	Sheave	2	3t
-	M35A3-80100	Sheave	2	3.8t
6	GB/T894.1	40 Snap ring	2	
7	LH1623×N	Chain ass'y	2	3t
-	LH1634×N	Chain ass'y	2	3.8t
8	S35K3-80001	Support	1	3t
-	Z35K3-80001	Support	1	3.8t
9	GB/T5783	M14×35 Bolt	2	
10	GB/T93	14 Washer,lock	2	
11	A30B4-10301	Piston rod ass'y	1	3t
-	A35B4-10301	Piston rod ass'y	1	3.8t
12	A30B4-10302	Cylinder	1	3t
-	A35B4-10302	Cylinder	1	3.8t
13	GB/T6190	M6×5 Screw	1	
14	A30B4-10303	Gasket	1	
15	A30B4-10304	70×80×6/8 Dust ring	1	3t
-	A35B4-10303	75×85×6/8 Dust ring	1	3.8t
16	A30B4-10305	80×70×3 Snap ring	1	3t
-	A35B4-10304	85×75×3 Snap ring	1	3.8t

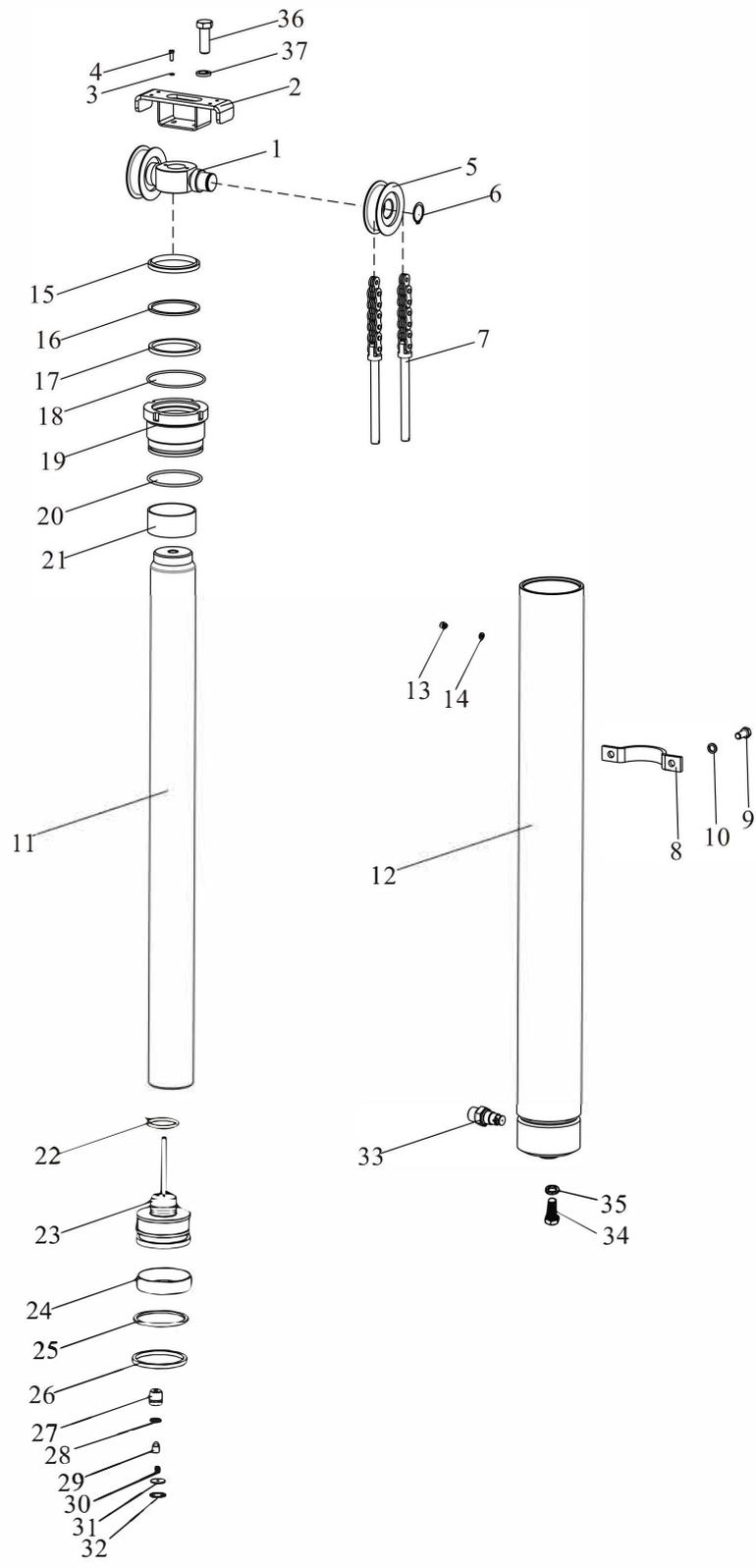
# Front Lift Cylinder (Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
17	A30B4-10306	705×80×6 Ring	1	3t
-	A35B4-10305	75×85×6 Ring	1	3.8t
18	GB/T1235	90×3.1 O-ring	1	3t
-	GB/T1235	100×3.1 O-ring	1	3.8t
19	A30B4-10307	Guide sleeve	1	3t
-	A35B4-10306	Guide sleeve	1	3.8t
20	GB/T1235	85×3.1 O-ring	1	3t
-	GB/T1235	95×3.1 O-ring	1	3.8t
21	A30B4-10308	Guide bushing	1	3t
-	A35B4-10307	Guide bushing	1	3.8t
22	A30B4-10309	Snap ring	1	3t
-	A35B4-10308	Snap ring	1	3.8t
23	A30B4-10310	Piston	1	3t
-	A35B4-10309	Piston	1	3.8t
24	A30B4-10311	85×20×2.5 Backup ring	1	3t
-	A35B4-10310	95×20×2.5 Backup ring	1	3.8t
25	A30B4-10312	85×75×3 Stopper	1	3t
-	A35B4-10311	95×85×3 Stopper	1	3.8t
26	A30B4-10313	85×75×6 Sear ring	1	3t
-	A35B4-10312	95×80×9 Sear ring	1	3.8t
27	A30B4-10313	Spool	1	
28	GB/T1235	20×2.4 O-ring	1	
29	A30A4-10314	Spring	1	
30	A30B4-10315	Spool	1	
31	A30B4-10316	Catch	1	
32	A30B4-10317	Stopper	1	

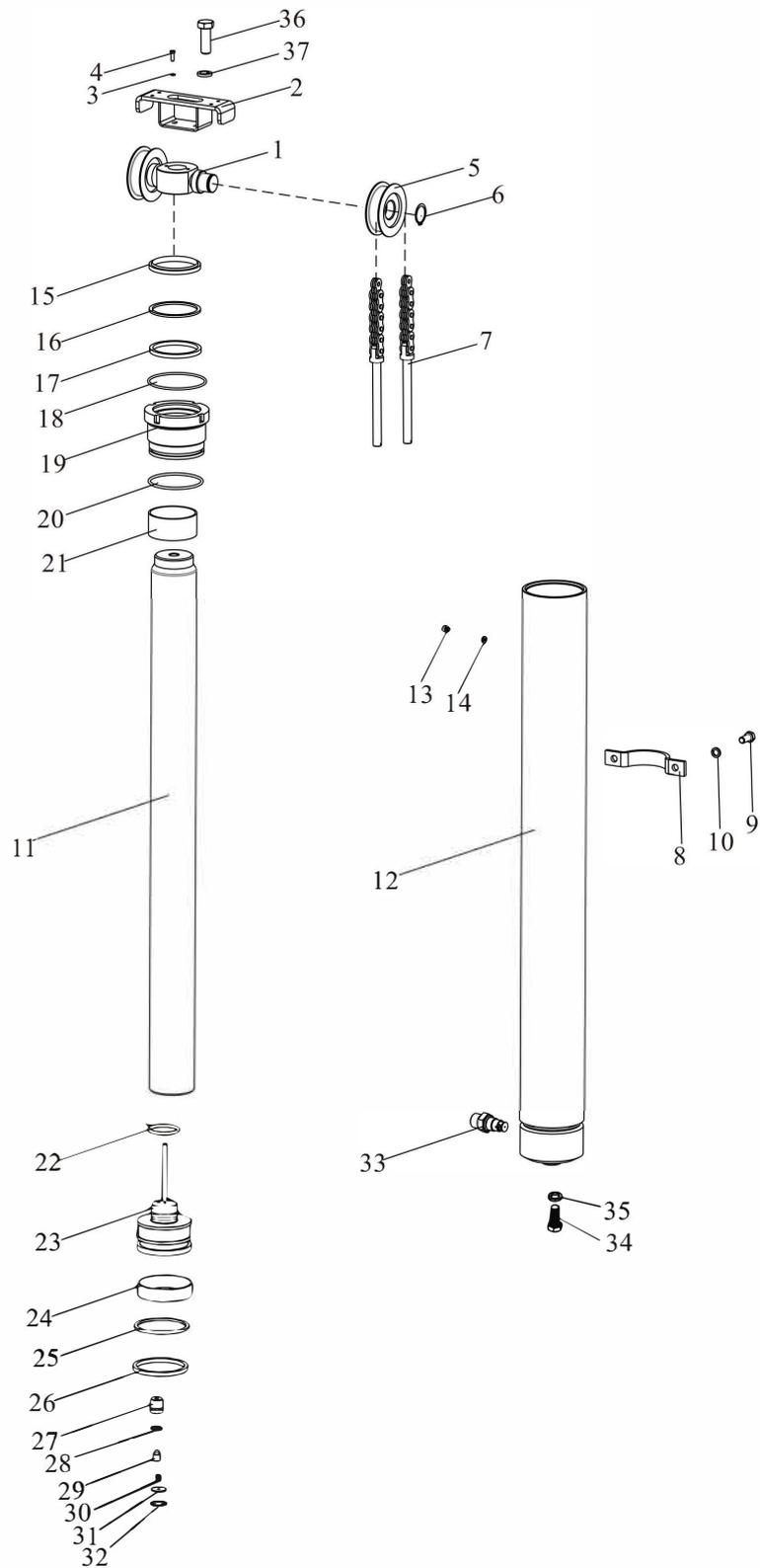
# Front Lift Cylinder (Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
33	A30B4-10300-01	Explosion-proof valve	1	3t
-	A35B4-10300-01	Explosion-proof valve	1	3.8t
34	GB/T5786	M12×1.25×35 Bolt	1	
35	GB/T93	12 Washer,lock	1	
36	GB/T5786	M16×55 Bolt	1	
37	GB/T93	16 Washer,lock	1	

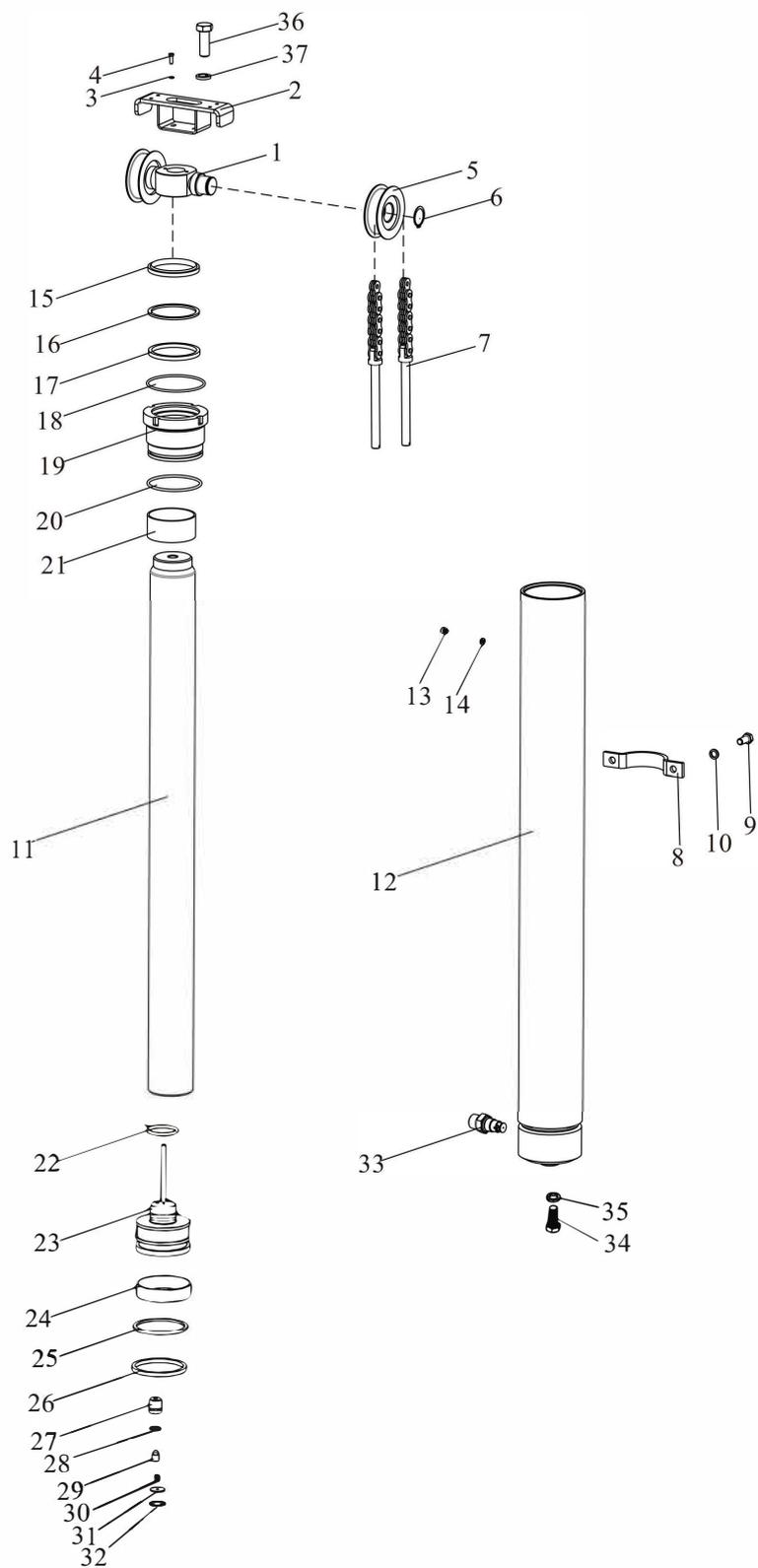
# Front Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A30B4-10500	Front lift cylinder ass'y	1	3t
-	A35B4-10500	Front lift cylinder ass'y	1	3.8t
1	S30K3-80100	Sheave Seat	1	3t
-	S35K3-80100	Sheave Seat	1	3.8t
2	S30K3-80200	Stopper chain	1	3t
-	S35K3-80200	Stopper chain	1	3.8t
3	GB/T93	8 Washer,lock	2	
4	GB/T5783	M8×16 Bolt	2	
5	M30A3-80100	Sheave	2	3t
-	M35A3-80100	Sheave	2	3.8t
6	GB/T894.1	40 Snap ring	2	
7	LH1623×N	Chain ass'y	2	3.8t
-	LH1634×N	Chain ass'y	2	3.8t
8	S35K3-80001	Support	1	
9	GB/T5783	M14×35 Bolt	2	
10	GB/T93	14 Washer,lock	2	
11	A30B4-10501	Piston rod ass'y	1	3t
-	A35B4-10501	Piston rod ass'y	1	3.8t
12	A30B4-10502	Cylinder	1	3t
-	A35B4-10502	Cylinder	1	3.8t
13	GB/T6190	M6×5 Screw	1	
14	A30B4-10303	Gasket	1	
15	A30B4-10304	70×80×6/8 Dust ring	1	3t
-	A35B4-10303	75×85×6/8 Dust ring	1	3.8t
16	A30B4-10305	80×70×3 Snap ring	1	3t
-	A35B4-10304	85×75×3 Snap ring	1	3.8t

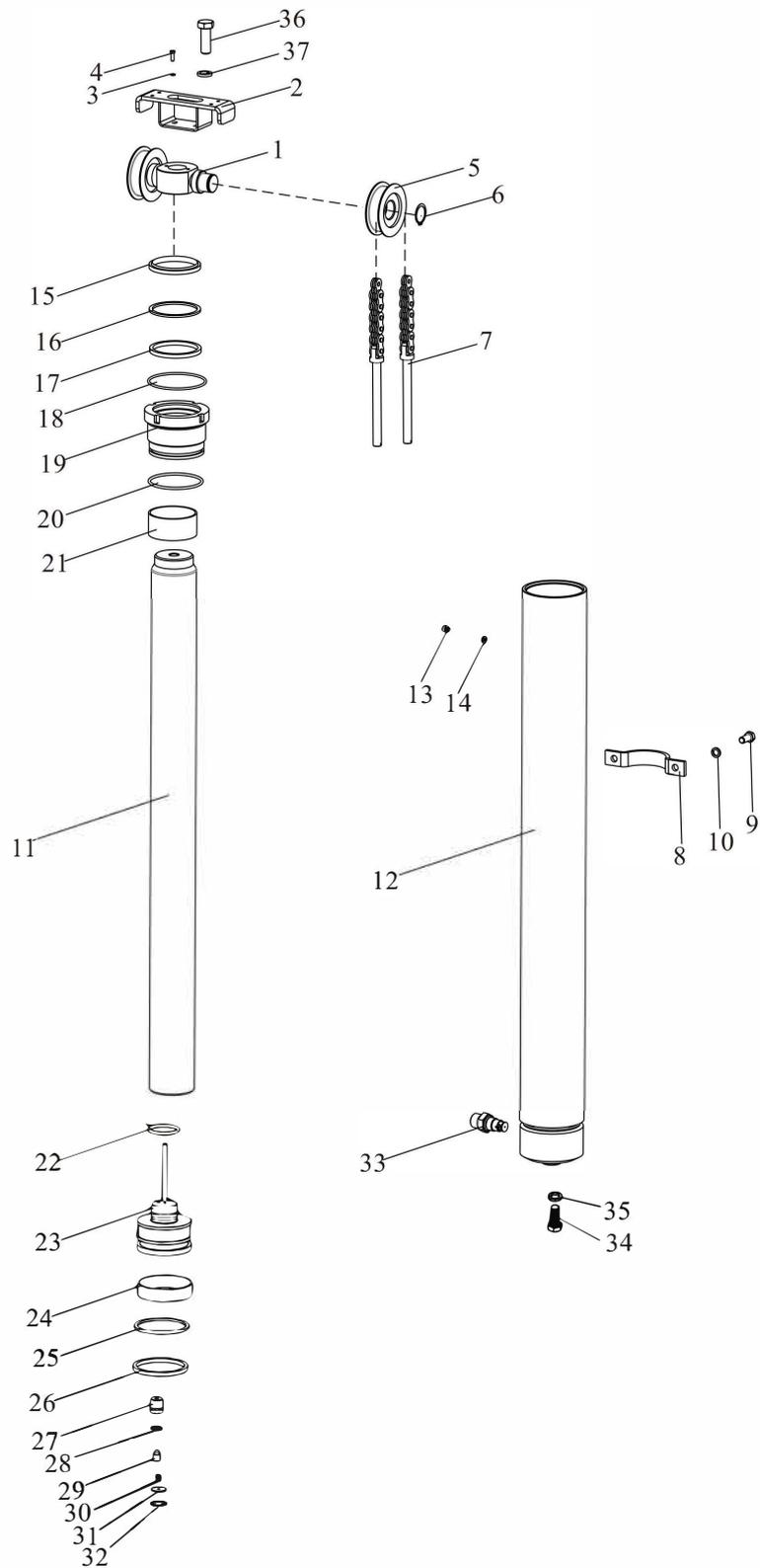
# Front Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
17	A30B4-10306	705×80×6 Ring	1	3t
-	A35B4-10305	75×85×6 Ring	1	3.8t
18	GB/T1235	90×3.1 O-ring	1	3t
-	GB/T1235	100×3.1 O-ring	1	3.8t
19	A30B4-10307	Guide sleeve	1	3t
-	A35B4-10306	Guide sleeve	1	3.8t
20	GB/T1235	85×3.1 O-ring	1	3t
-	GB/T1235	95×3.1 O-ring	1	3.8t
21	A30B4-10308	Guide bushing	1	3t
-	A35B4-10307	Guide bushing	1	3.8t
22	A30B4-10309	Snap ring	1	3t
-	A35B4-10308	Snap ring	1	3.8t
23	A30B4-10310	Piston	1	3t
-	A35B4-10309	Piston	1	3.8t
24	A30B4-10311	85×20×2.5 Backup ring	1	3t
-	A35B4-10310	95×20×2.5 Backup ring	1	3.8t
25	A30B4-10312	85×75×3 Stopper	1	3t
-	A35B4-10311	95×85×3 Stopper	1	3.8t
26	A30B4-10313	85×75×6 Sear ring	1	3t
-	A35B4-10312	95×80×9 Sear ring	1	3.8t
27	A30B4-10313	Spool	1	
28	GB/T1235	20×2.4 O-ring	1	
29	A30A4-10314	Spring	1	
30	A30B4-10315	Spool	1	
31	A30B4-10316	Catch	1	
32	A30B4-10317	Stopper	1	

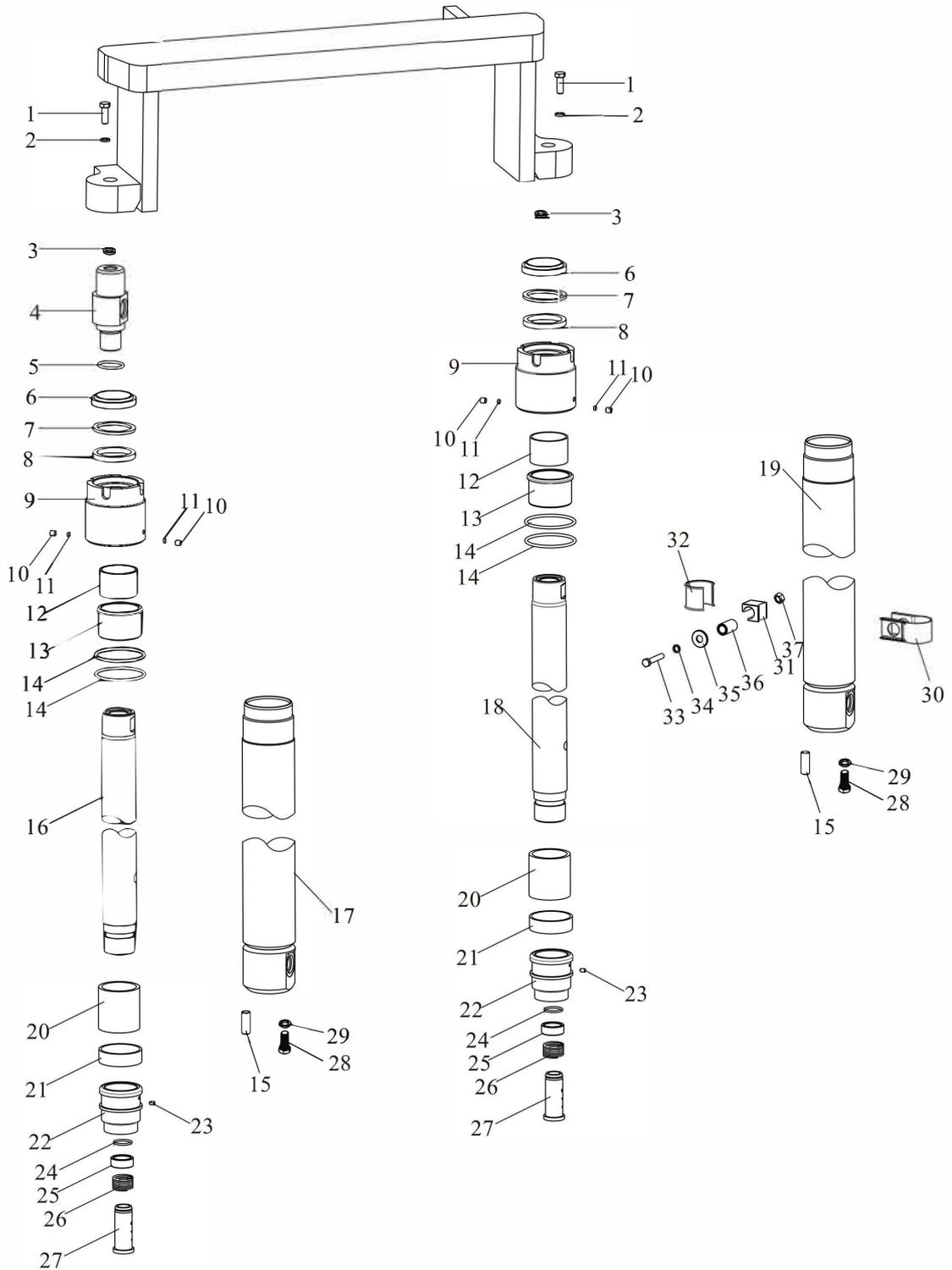
# Front Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
33	A30B4-10500-01	Explosion-proof valve	1	3t
-	A35B4-10500-01	Explosion-proof valve	1	3.8t
34	GB/T5786	M12×1.25×35 Bolt	1	
35	GB/T93	12 Washer,lock	1	
36	GB/T5786	M16×55 Bolt	1	
37	GB/T93	16 Washer,lock	1	

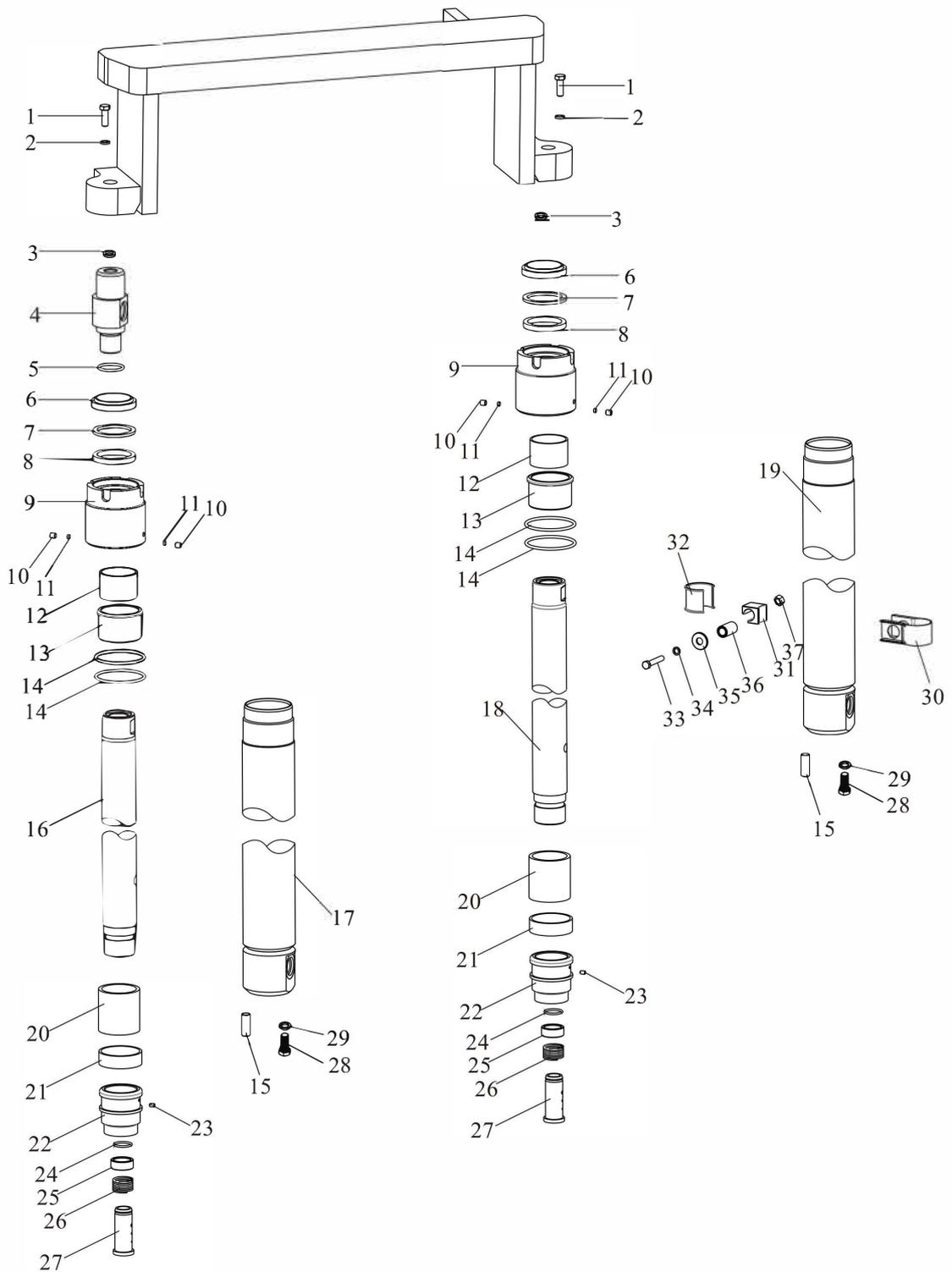
## Rear Lift Cylinder (Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A30B4-10400L/R	Rear lift cylinder ass'y	2	3t
-	A35B4-10400L/R	Rear lift cylinder ass'y	2	3.8t
1	GB/T5786	M16×1.5×45 Bolt	2	
2	GB/T93	16 Washer,lock	2	
3	S30A3-80001	Spacer	2	
4	A30B4-10401	Spacer	2	3t
-	A35B4-10401	Spacer	2	3.8t
5	GB/T1235	25×2.65 O-ring	1	
6	A30B4-10402	40×52×7/10 Dust ring	2	3t
-	A35B4-10402	45×57×7/10 Dust ring	2	3.8t
7	A30B4-10403	40×50×2 Ring, back up	2	3t
-	A35B4-10403	45×55×2 Ring, back up	2	3.8t
8	A30B4-10404	40×50×6 Ring	2	3t
-	A35B4-10404	45×55×6 Rring	2	3.8t
9	A30B4-10405	Cap, lift cylinder	2	3t
-	A35B4-10405	Cap, lift cylinder	2	3.8t
10	GB/T80	M6×8 Screw	4	
11	A30B4-10406	Plug	4	
12	A30B4-10407	4030 Guide bushing	2	3t
-	A35B4-10406	4530 Guide bushing	2	3.8t
13	A30B4-10408	Bushing	2	3t
-	A35B4-10407	Bushing	2	3.8t
14	GB/T1235	49.1×3.1 O-ring	4	3t
-	GB/T1235	54.4×3.1 O-ring	4	3.8t
15	GB/T119	D10×26 Pin	2	
16	A30B4-10409	Piston rod L.H.	1	3t
-	A35B4-10408	Piston rod L.H.	1	3.8t

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

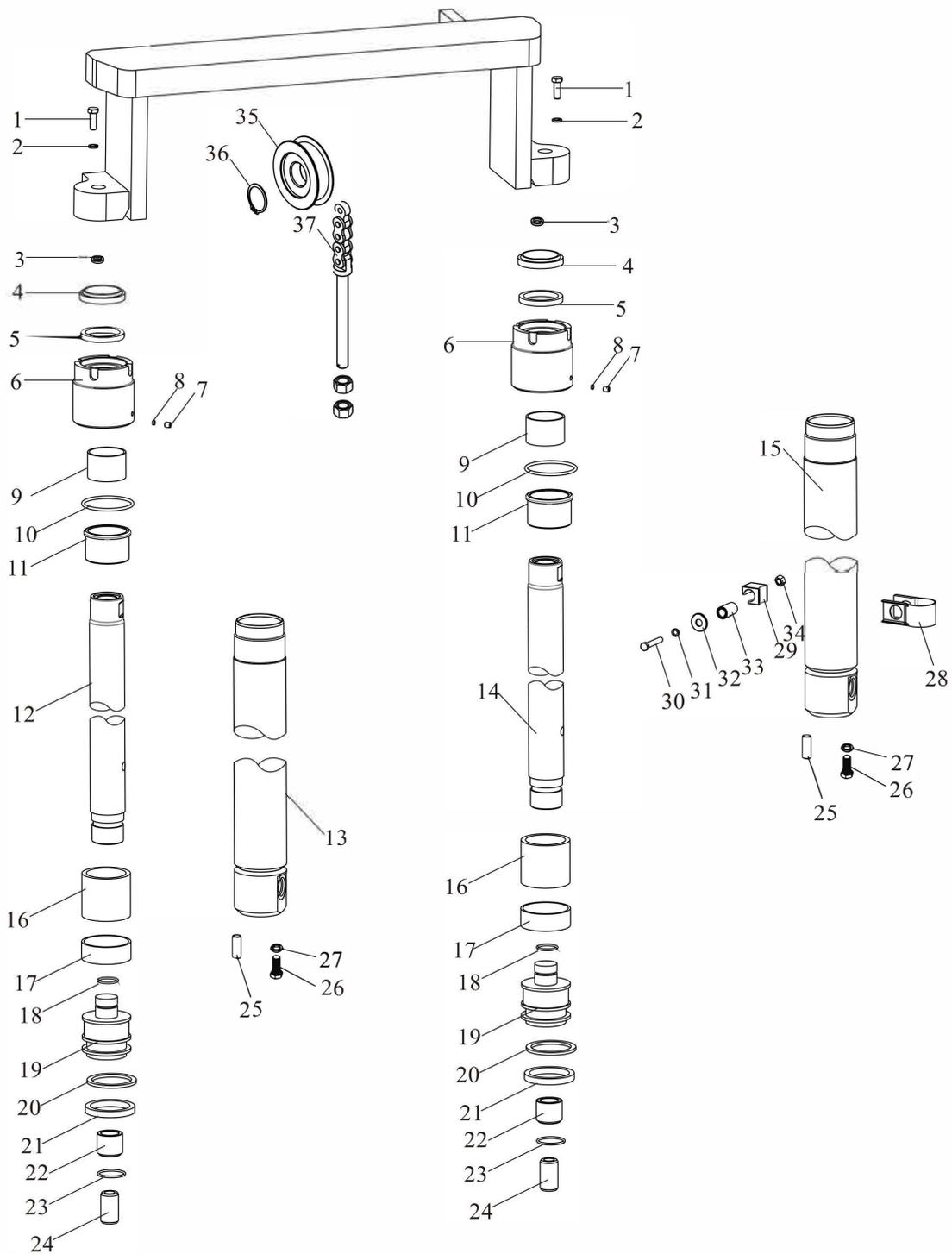


## Rear Lift Cylinder (Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
17	A30B4-10410	Cylinder L.H.	1	3t
-	A35B4-10409	Cylinder L.H.	1	3.8t
18	A30B4-10411	Piston rod R.H.	1	3t
-	A35B4-10410	Piston rod R.H.	1	3.8t
19	A30B4-10412	Cylinder R.H.	1	3t
-	A35B4-10411	Cylinder R.H.	1	3.8t
20	A30B4-10413	Spacer	2	3t
-	A35B4-10412	Spacer	2	3.8t
21	A30B4-10414	45×50×15 Backup ring	2	3t
-	A35B4-10413	56×51×20 Backup ring	2	3.8t
22	A30B4-10415	Piston	1	3t
-	A35B4-10414	Piston	1	3.8t
23	GB/T80	M5×6 Screw	2	
24	A30B4-10416	20 Stopper	1	
25	A30B4-10417	Spacer	2	
26	A30B4-10418	Spring	2	
27	A30B4-10419	Bumper stud	2	
28	GB/T5786	M12×1.25×35 Bolt	2	
29	GB/T93	12 Washer,lock	2	
30	S30F3-80002	Clamp	2	
31	S30F3-80004	Rubber block	2	
32	M20F3-80001	Rubber pad	2	3t
33	GB/T5786	M12×1.25×70 Bolt	2	
34	GB/T93	12 Washer,lock	2	
35	S30F3-80005	Bolster	2	
36	S30F3-80003	Casing	2	
37	GB/T6171	M12×1.25 Nut	2	

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

3t



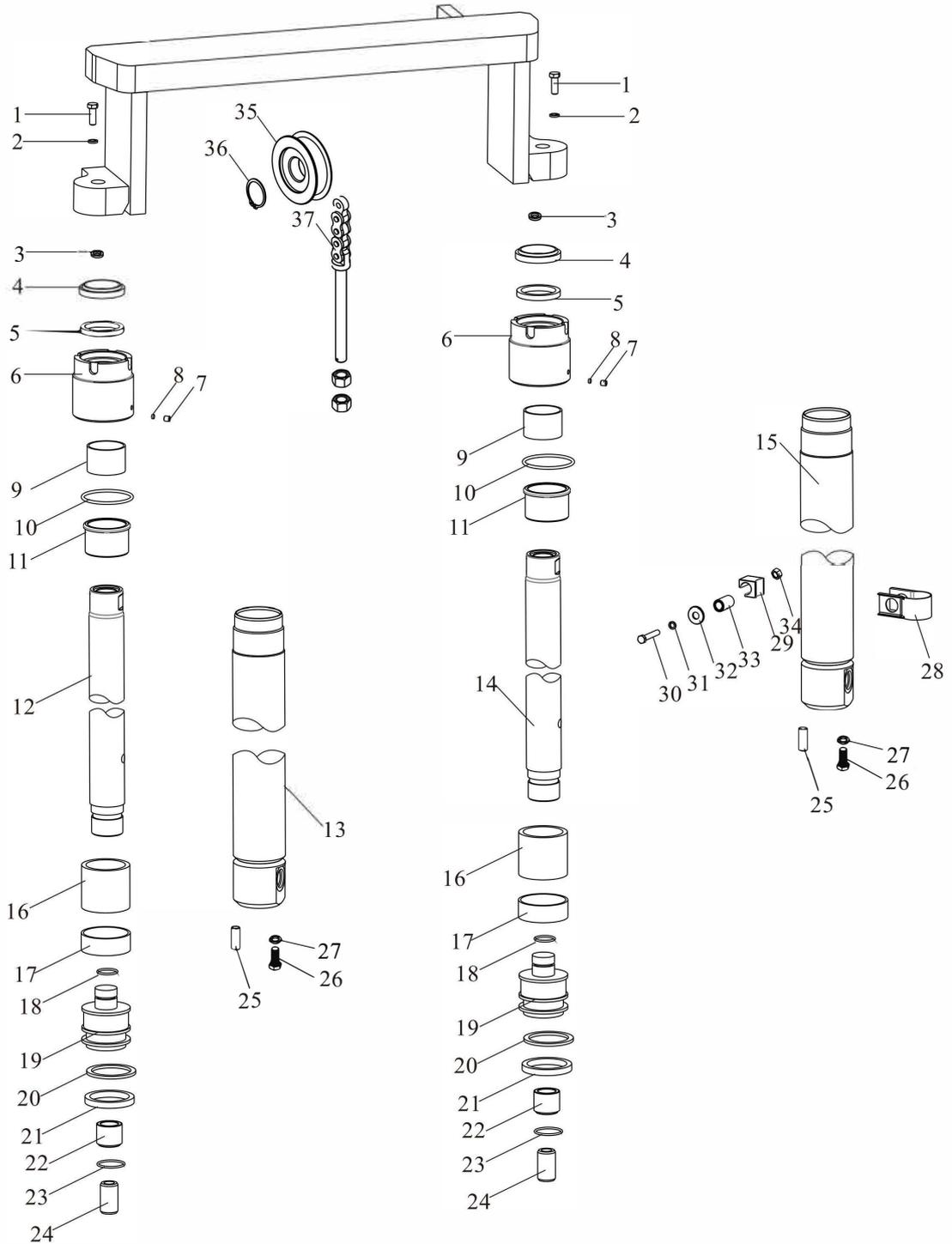
## Rear Lift Cylinder (Full Free 3-Stage Mast KZM)

3t

Item	Part No	Description	Q'ty	Remark
A	A30C4-10600L/R	Rear lift cylinder ass'y	2	
1	GB/T5786	M16×1.5×45 Bolt	2	
2	GB/T93	16 Washer,lock	2	
3	S30A3-80001	Spacer	2	
4	A35B4-10402	45×57×7/10 Dust ring	2	
5	A35B4-10404	45×55×6 U-ring	2	
6	A30B4-10601	Cap, lift cylinder	2	
7	GB/T80	M8×8 Screw	2	
8	A30B4-10603	6×3 Nylon pad	2	
9	A35B4-10406	4530 Guide bushing	2	
10	GB/T1235	68×3.1 O-ring	2	
11	A30B4-10604	Bushing	2	
12	A30C4-10601	Piston rod L.H.	1	
13	A30C4-10602	Cylinder L.H.	1	
14	A30C4-10603	Piston rod R.H.	1	
15	A30C4-10604	Cylinder R.H.	1	
16	A30B4-10609	Spacer	2	
17	A30B4-10610	24×2 Stopper	1	
18	A30B4-10611	56×14.7×2.5 Backup ring	2	
19	A30B4-10612	Piston	1	
20	A30B4-10613	45×56×3 Ring, back up	2	
21	A30B4-10614	56×45×7 Ring	2	
22	A30B4-10615	1 Spacer	2	
23	A30B4-10616	26×2 Stopper	2	
24	A30B4-10617	2 Spacer	2	
25	GB/T119	D10×26 Pin	2	
26	GB/T5786	M12×1.25×35 Bolt	2	
27	GB/T93	12 Washer,lock	2	
28	S30F3-80002	Clamp	2	

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

3t



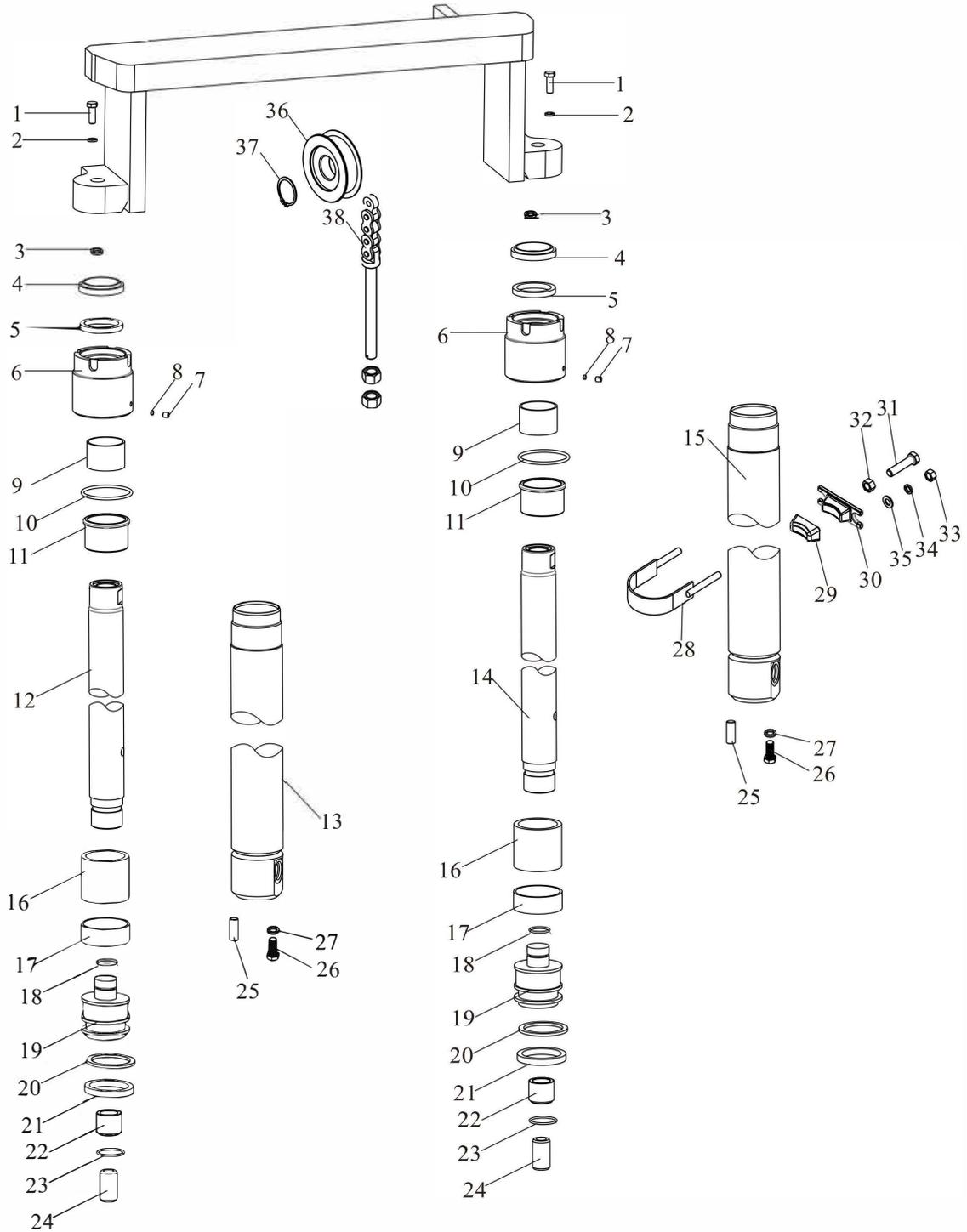
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)

3t

Item	Part No	Description	Q'ty	Remark
29	S30F3-80004	Rubber block	2	
30	GB/T5786	M12×1.25×70 Bolt	2	
31	GB/T93	12 Washer,lock	2	
32	S30F3-80005	Bolster	2	
33	S30F3-80003	Casing	2	
34	GB/T6171	M12×1.25 Nut	2	
35	S30J3-80100	Sheave	2	
36	GB/T894.1	40 Snap ring	2	
37	LH1623×N	Chain ass'y	2	

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

3.8t



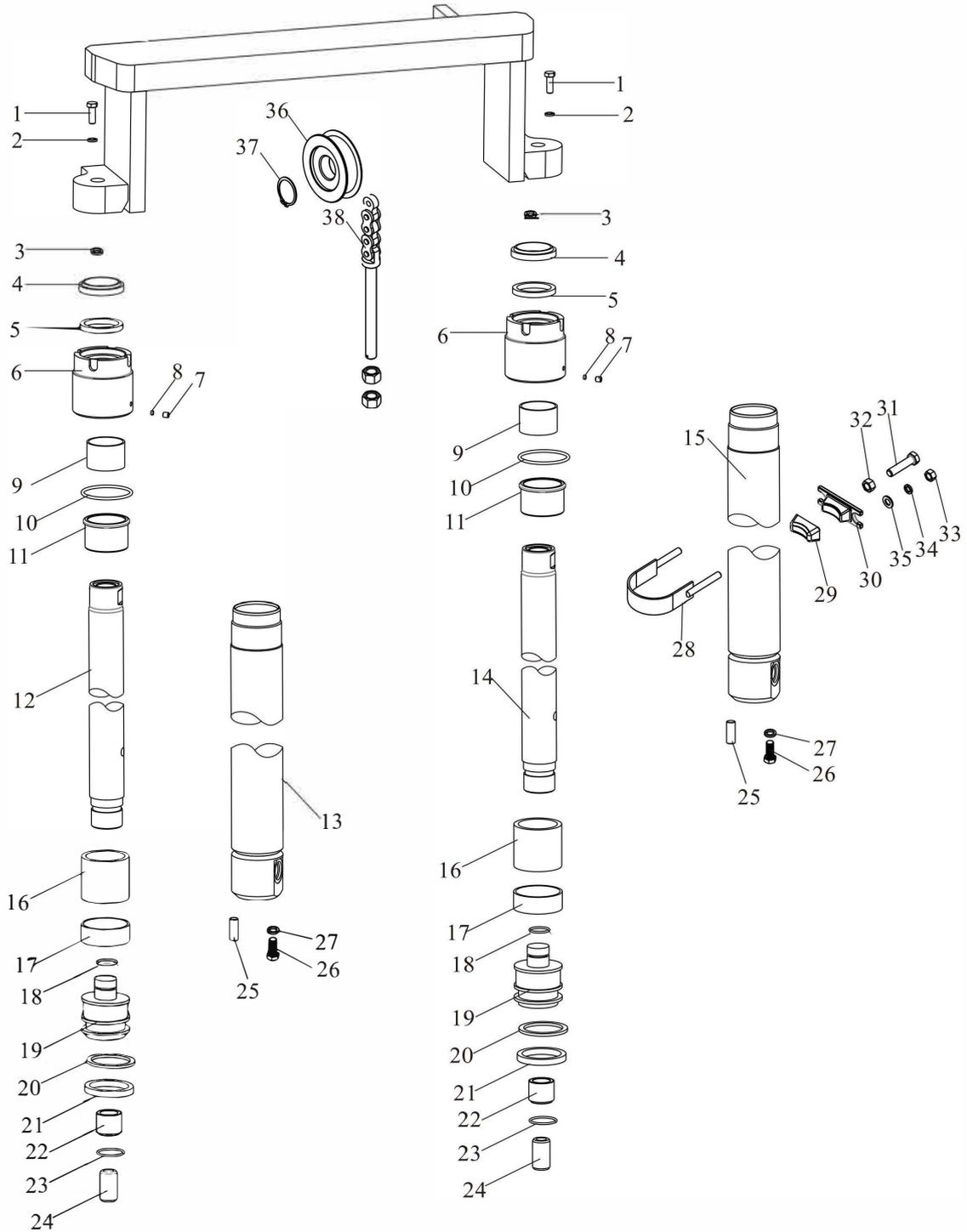
## Rear Lift Cylinder (Full Free 3-Stage Mast KZM)

3.8t

Item	Part No	Description	Q'ty	Remark
A	A35C4-10600L/R	Rear lift cylinder ass'y	2	
1	GB/T5786	M20×1.5×40 Bolt	2	
2	GB/T93	20 Washer,lock	2	
3	S30A3-80001	Spacer	2	
4	A35B4-10601	50×62×7/10 Dust ring	2	
5	A35B4-10602	50×60×6 Ring	2	
6	A35B4-10603	Cap, lift cylinder	2	
7	GB/T80	M8×8 Screw	2	
8	A30B4-10602	6×3 Nylon pad	2	
9	A35B4-10604	5027 Guide bushing	2	
10	GB/T1235	70×3.5 O-ring	2	
11	A35B4-10605	Bushing	2	
12	A35C4-10601	Piston rod L.H.	1	
13	A35C4-10602	Cylinder L.H.	1	
14	A35C4-10603	Piston rod R.H.	1	
15	A35C4-10604	Cylinder R.H.	1	
16	A35B4-10610	Spacer	2	
17	A30B4-10416	24×2 Stopper	1	
18	A35B4-10611	60×20×2.5 Backup ring	2	
19	A35B4-10612	Piston	1	
20	A35B4-10613	50×60×3 Ring, back up	2	
21	A35B4-10614	60×50×6 Ring	2	
22	A30B4-10615	1 Spacer	2	
23	A30B4-10616	26×2 Stopper	2	
24	A30B4-10617	2 Spacer	2	

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

3.8t

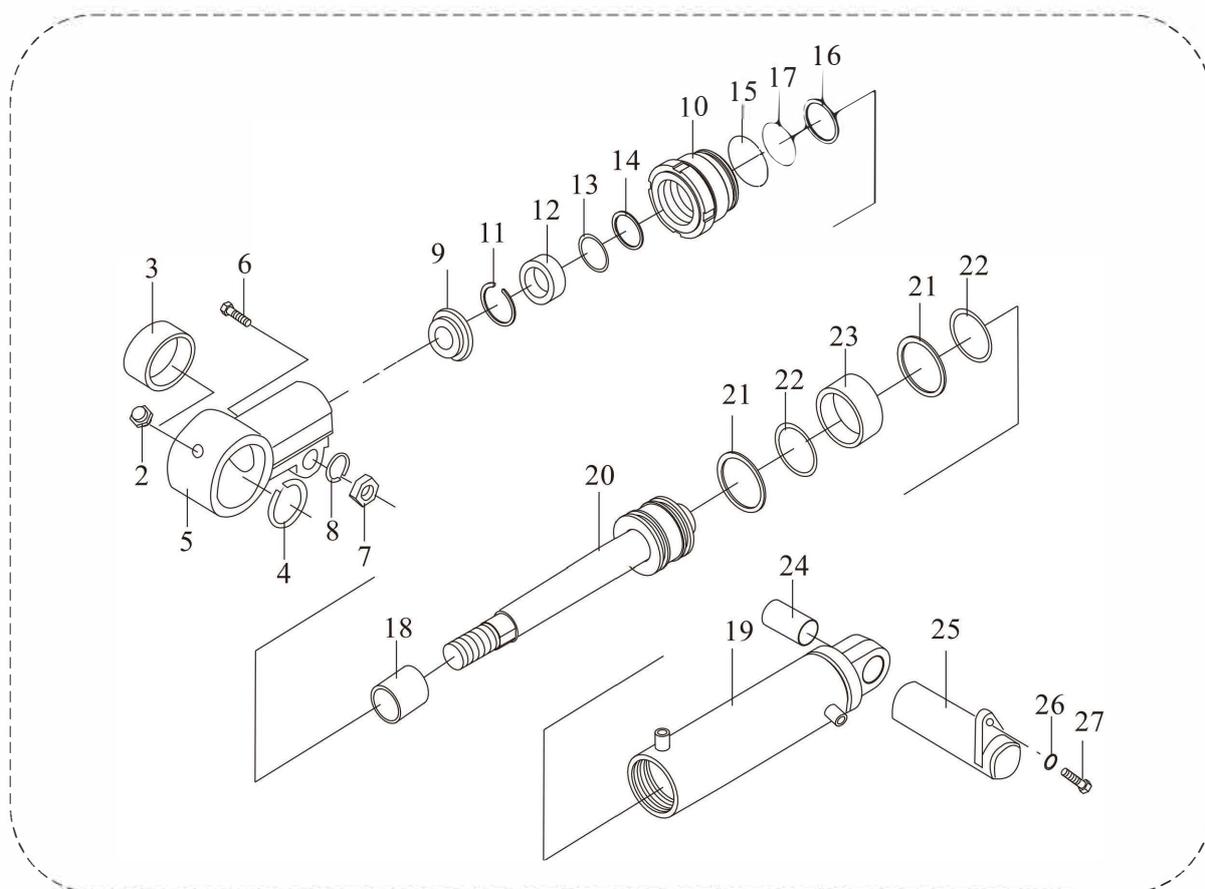


## Rear Lift Cylinder (Full Free 3-Stage Mast KZM)

3.8t

Item	Part No	Description	Q'ty	Remark
25	GB/T119	D10×26 Pin	2	
26	GB/T5786	M12×1.25×35 Bolt	2	
27	GB/T93	12 Washer,lock	2	
28	M35K3-80100	Oil cylinder hoop	2	
29	M30A3-80002	Spacer	2	
30	M30A3-80003	Support	2	
31	GB/T5786	M12×1.25×45 Bolt	2	
32	GB/T6171	M12×1.25 Nut	2	
33	GB/T6170	M10 Nut	4	
34	GB/T93	10 Washer,lock	4	
35	GB/T97.1	10 Washer	4	
36	S35J3-80100	Sheave	2	
37	GB/T894.1	40 Snap ring	2	
38	LH1623×N	Chain ass'y	2	

# Tilt cylinder

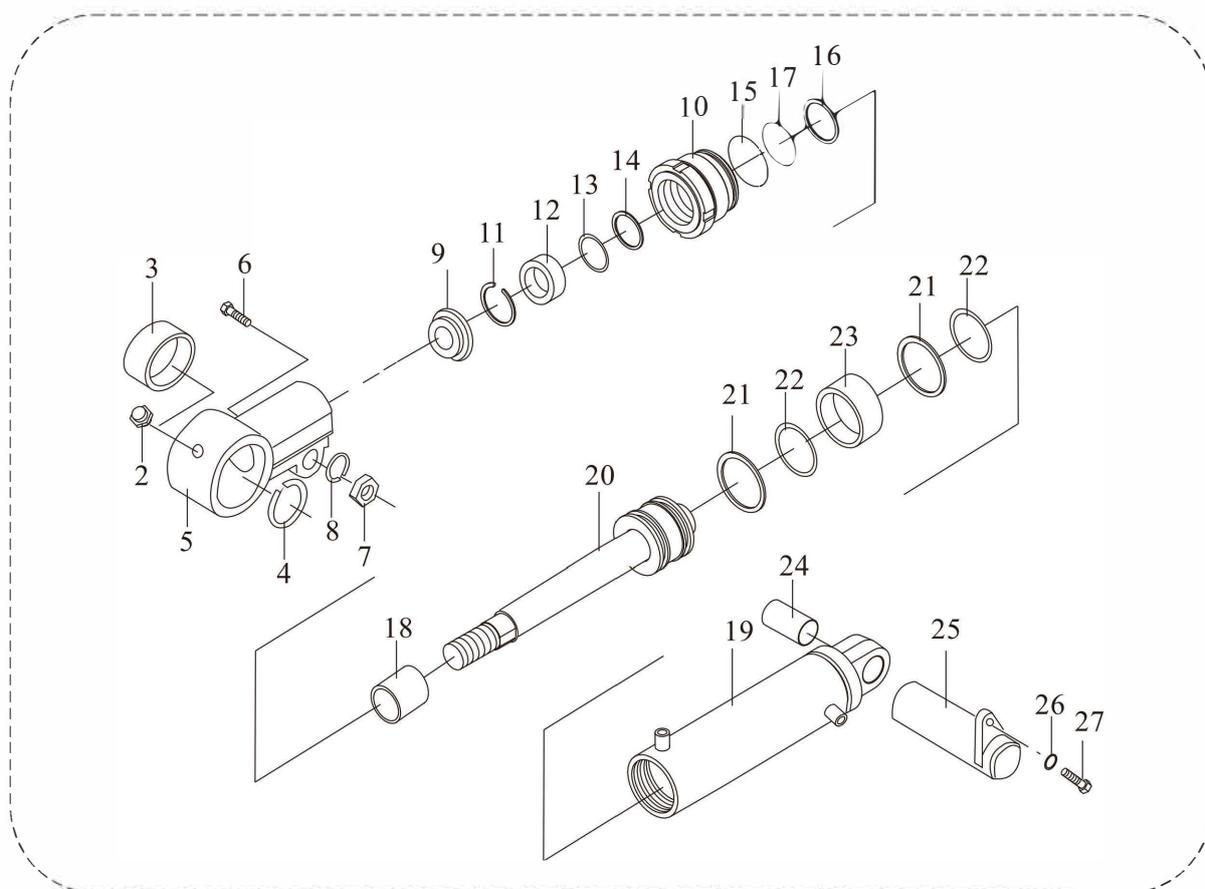


1

## Tilt cylinder

Item	Part No	Description	Q'ty	Remark
1	A30C4-10200	Tilt cylinder ass'y	2	3t
-	A35A4-10200	Tilt cylinder ass'y	2	3.8t
2	JB/T7940.1	M10×1 Nipple grease	2	
3	GB/T304.5	30 Bushing	2	
4	GB/T893.1	47 Ring,snap	2	
5	A30C4-10201	Ear ring	2	3t
-	A35A4-10201	Ear ring	2	3.8t
6	GB/T5785	M14×1.5×55 Bolt	2	
7	GB/T6171	M14×1.5 Nut	2	
8	GB/T93	14 Washer,lock	2	
9	A30C4-10202	32×52×8/10 Seal,dust	2	3t
-	A35A4-10202	35×47×7/10 Seal,dust	2	3.8t
10	A30C4-10203	Cap, lift cylinder	2	3t
-	A35A4-10203	Cap, lift cylinder	2	3.8t
11	GB/T893.1	52 Ring,snap	2	3t
12	A30C4-10204	Ring,snap	2	3t
13	A30C4-10205	32×48×3 Ring,snap	2	3t
-	A35A4-10204	35×45×3 Ring,snap	2	3.8t
14	A30C4-10206	32×48×10 Ring	2	3t
-	A30C4-10205	35×45×6 Ring	2	3.8t
15	GB/T1235	75×3.1 O-ring	2	3t
-	GB/T1235	85×3.1 O-ring	2	3.8t
16	A30C4-10207	65.2×70×1.5 Ring,snap	2	3t
-	A35A4-10206	75.2×80×1.5 Ring,snap	2	3.8t
17	GB/T1235	70×3.1 O-ring	2	3t
-	GB/T1235	80×3.1 O-ring	2	3.8t

# Tilt cylinder



1

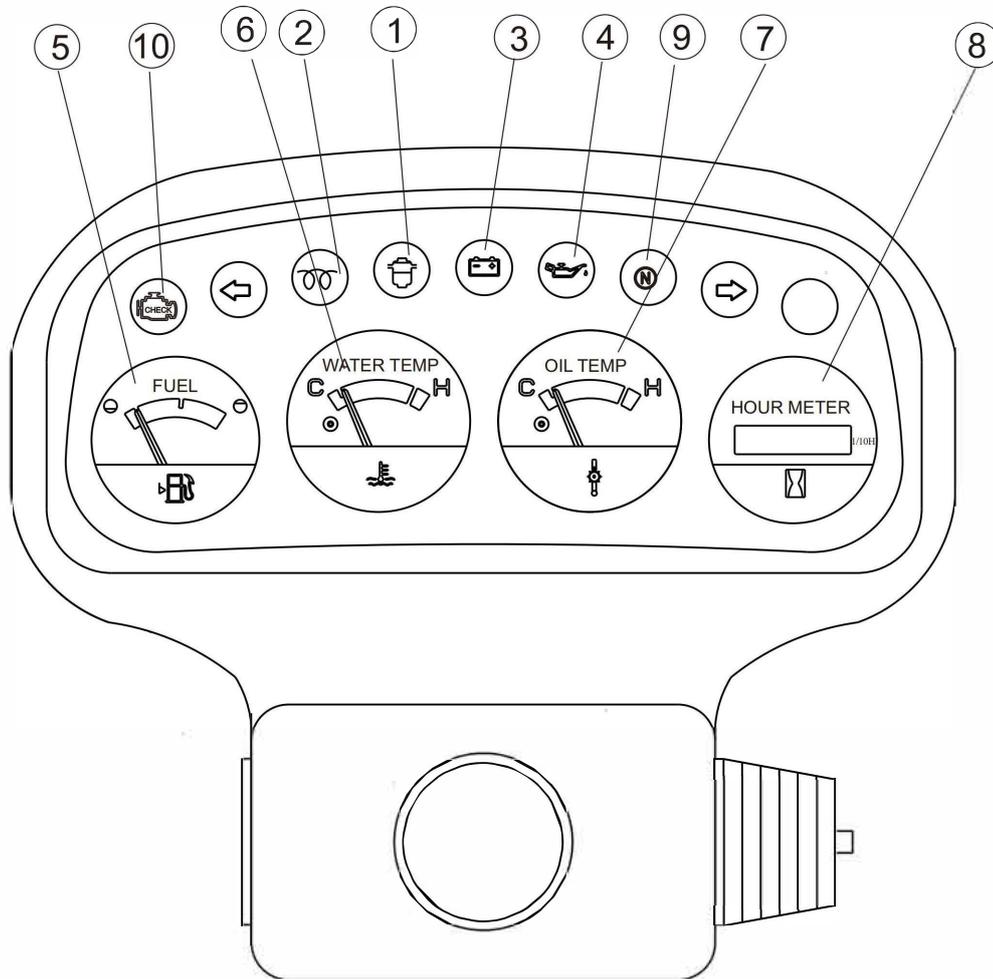
## Tilt cylinder

Item	Part No	Description	Q'ty	Remark
18	A30C4-10208	3225 Bushing	2	3t
-	A35A4-10207	3530 Bushing	2	3.8t
19	A30C4-10209	Tube,cylinder	2	3t
-	A35A4-10208	Tube,cylinder	2	3.8t
20	A30C4-10210	piston body	2	3t
-	A35A4-10209	piston body	2	3.8t
21	A30C4-10211	70×60×6 Ring	4	3t
-	A35A4-10210	80×70×6 Ring	4	3.8t
22	A30C4-10212	60×70×1.5 Ring,snap	4	3t
-	A35A4-10211	70×80×3 Ring,snap	4	3.8t
23	A30C4-10213	70×15.7×2.5 Wearing	2	3t
-	A35A4-10212	80×14.7×2.5 Wearing	2	3.8t
24	A30C4-10214	3040 Bushing	2	3t
-	A35A4-10213	3432 Bushing	2	3.8t
25	M30A3-00100	Pin	2	
26	GB/T5786	M10×1.25×20 Bolt	2	
27	GB/T93	10 Washer,lock	2	

---

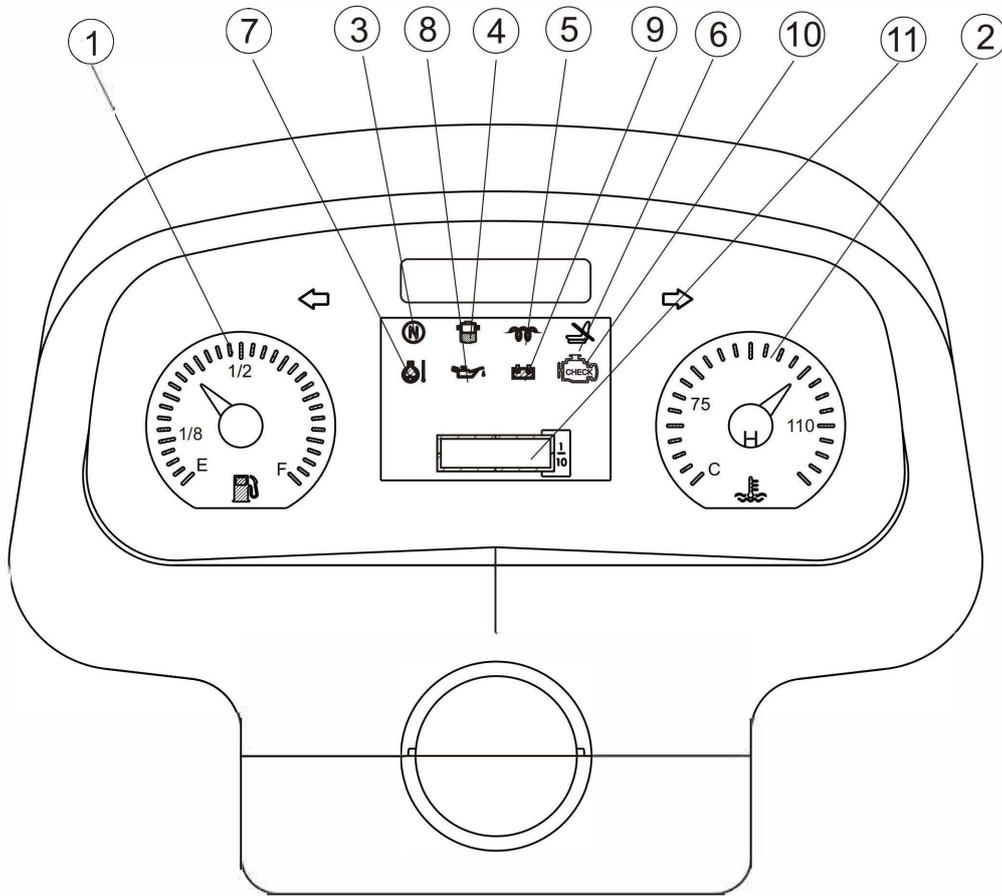
# I. ELECTRIC SYSTEM

## Instrument assembly(Hydraulic transmission)



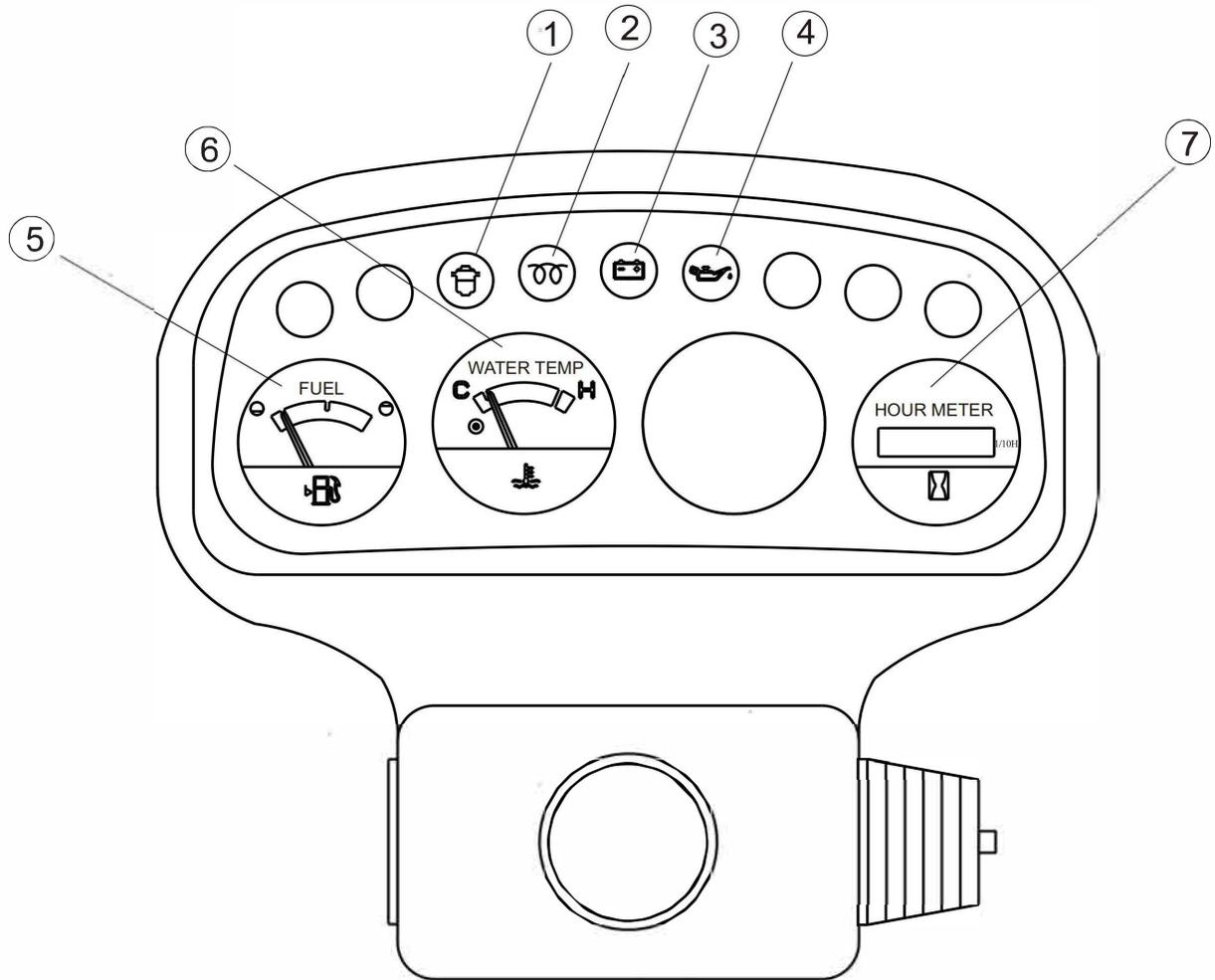
(Item)	(Name)
1	(Oil-water separation instructions)
2	(Preheat instructions)
3	(Not charging instructions)
4	(Oil alarm instructions)
5	(Feul instructions)
6	(Water temperature table)
7	(Oil temperature table)
8	(Schedule)
9	( Neutral instructions)
10	(Engine failure instructions)

## 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	(Engine failure instructions)
11	(Hour meter)

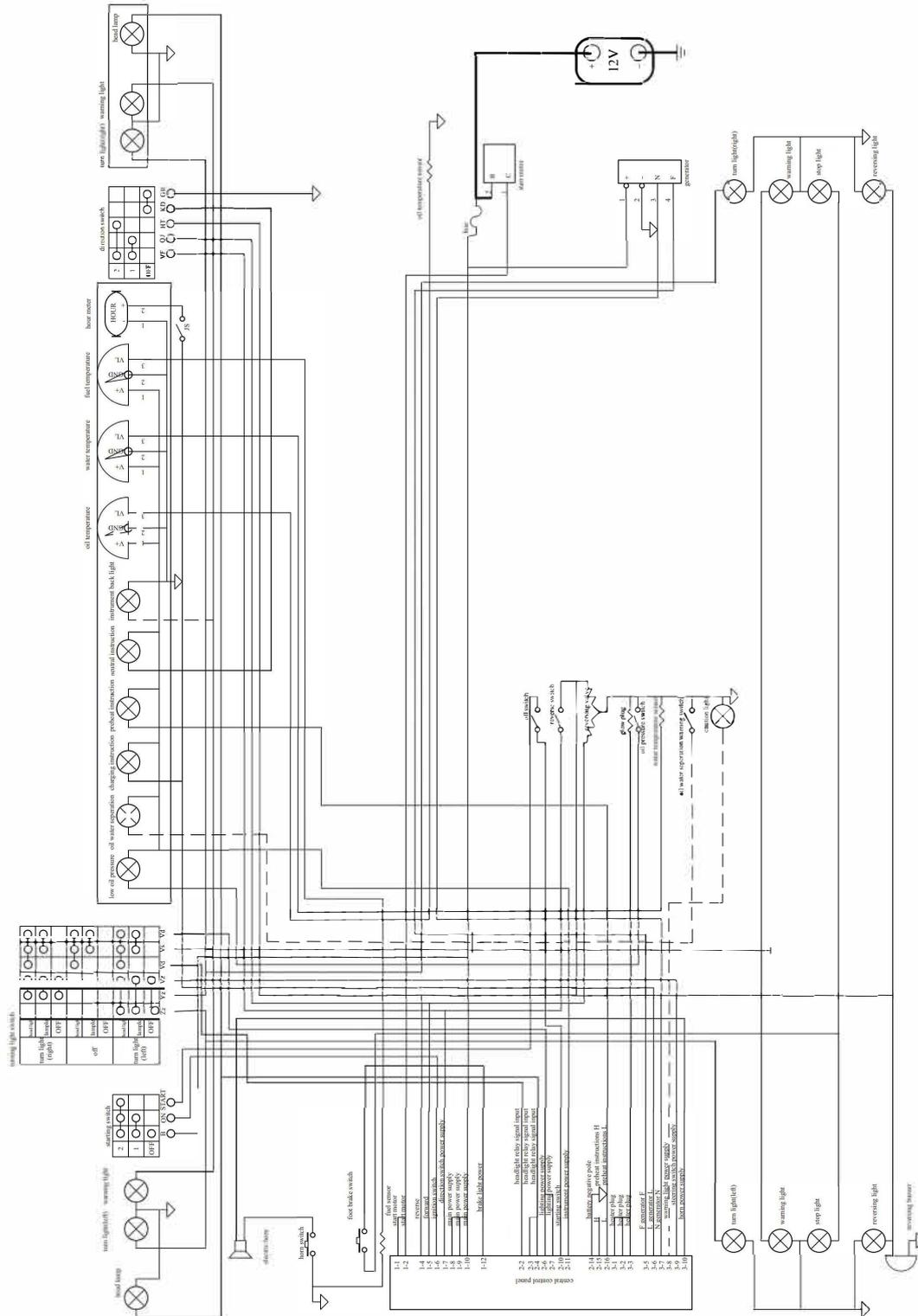
Instrument assembly(Mechanical transmission)



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

# Electric system

FD30/38-X18/X19/X17/X2/X4/X10/X12/X13/X14



Electrical circuit diagram

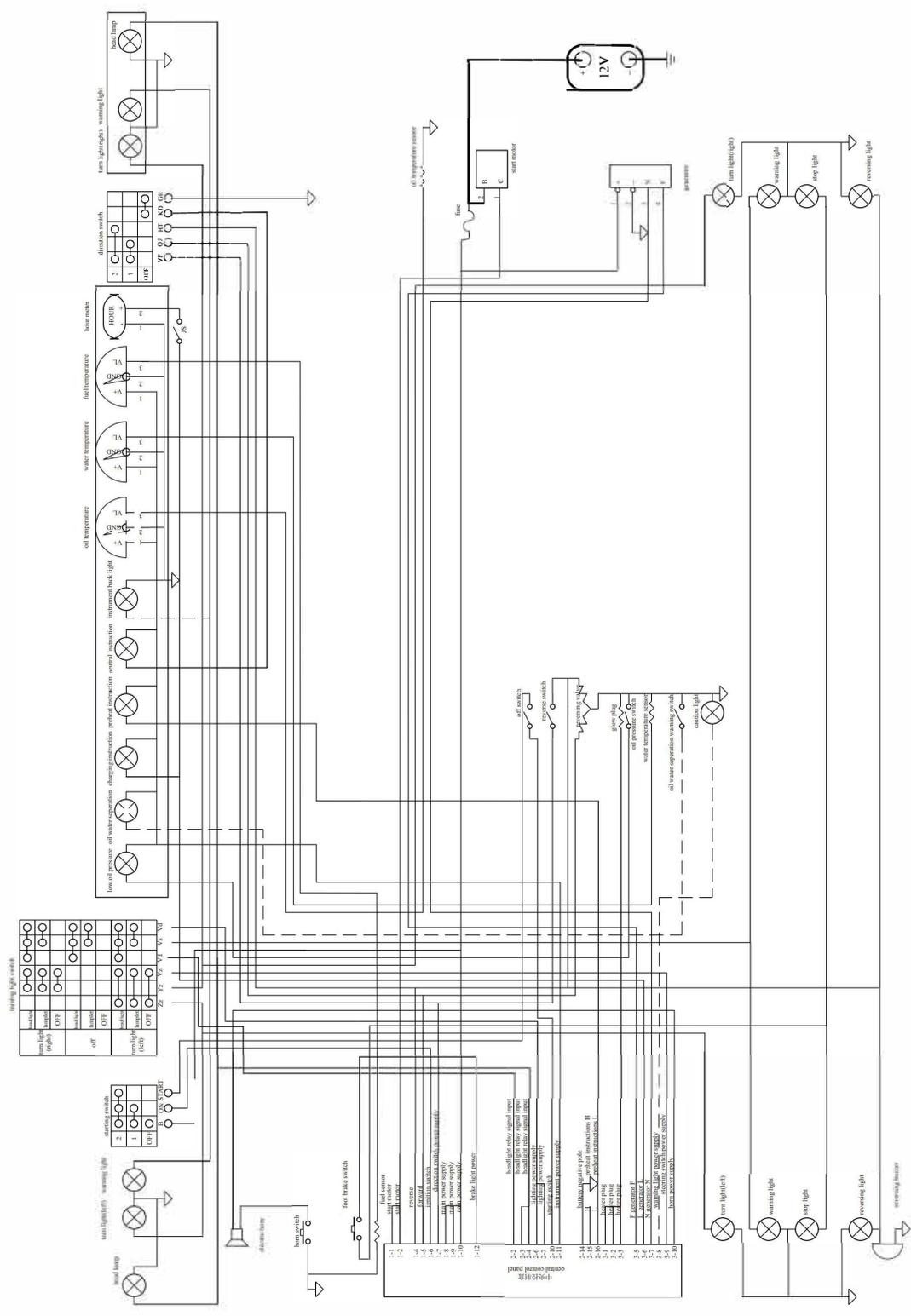
## Electric system

FD30/38-X18/X19/X17/X2/X4/X10/X12/X13/X14

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-10200	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	A30P2-01200	Harness	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	A30C2-80300	Vehicle harness	1	
-	A30C2-80400	Vehicle harness	1	
-	A30C2-81000	Vehicle harness	1	
-	A30C2-81100	Vehicle harness	1	
-	A30C2-80500	Vehicle harness	1	
-	A30C2-80600	Vehicle harness	1	
-	A30C2-80700	Vehicle harness	1	
-	A30B2-80100	Vehicle harness	1	
-	A30B2-80200	Vehicle harness	1	
-	A30B2-80300	Vehicle harness	1	
-	A30B2-80400	Vehicle harness	1	
-	A30B2-80700	Vehicle harness	1	
-	A30B2-80600	Vehicle harness	1	
-	A30B2-80500	Vehicle harness	1	

# Electric system

FD30/38-X18/X19/X17/X2/X4/X10/X12/X13/X14



Electrical circuit diagram

## Electric system

FD30/38-X18/X19/X17/X2/X4/X10/X12/X13/X14

Item	Part No	Description	Q'ty	Remark
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	DT01G-ZC108	Combination	1	
-	DT01G-ZC108W	Combination	1	
-	A30AE2-70100	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	A30PI2-50100	Fuel sensor	1	
25	DT07G-RF12	Flameout magnetic valve (12V)	1	
26	DT06G-JD1914	Intermediate relay	1	
27	A30P2-00800	Tri-color taillights (left)	1	
28	A30P2-00900	Tri-color taillights (right)	1	



## Electric system

FD/Y30/38-W1/W2/JH2/S2/S5/Y2/Y3/R2/D1/GQ1/2/3

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-10300	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	A30P2-01200	Harness	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	FD30/38-D1/GQ1/2/3
-	A30G2-00700	Cable	1	FD/Y30/38-W1/W2/JH2/ S2/S5/Y2/Y3/R2/R
11	A30C2-00800	Cable	1	
12	A30B2-00900	Fused link wire	1	
13	A30C2-80100	Cabinet harness	1	FD/Y30/35-D2/JH2/ GQ1/2/3
-	A30E2-80100	Cabinet harness	1	FY30/38-R2 /GQ1/S1/S4
14	A30D2-80500	Vehicle harness	1	FD30-W1
-	A30D2-80200	Vehicle harness	1	FD30-W1
-	A30D2-80300	Vehicle harness	1	FD30-W1
-	A30G2-80700	Vehicle harness	1	FD30/38-W2
-	A30G2-80200	Vehicle harness	1	FD30/38-W2
-	A30G2-80300	Vehicle harness	1	FD30/38-W2
-	A30M2-00200	Engine harness	1	FD30-JH2
-	A30H2-81000	Vehicle harness	1	FD30/5-Y2
-	A30H2-80110	Vehicle harness	1	FD30/38-Y3
-	A30H2-80600	Vehicle harness	1	FD30/38-Y2
-	A30H2-80900	Vehicle harness	1	FD30/38-Y3



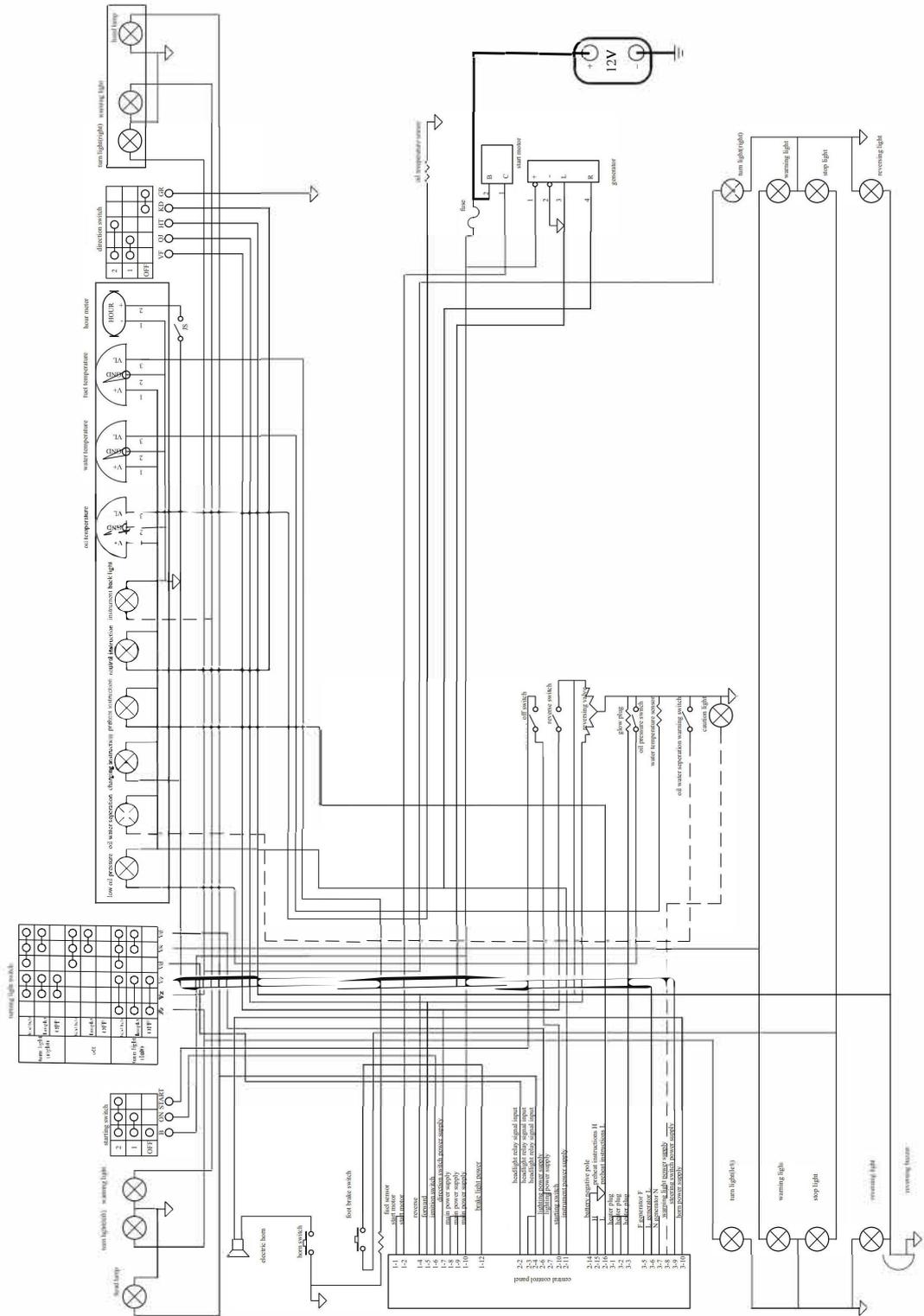
## Electric system

FD/Y30/38-W1/W2/JH2/S2/S5/Y2/Y3/R2/D1/GQ1/2/3

Item	Part No	Description	Q'ty	Remark
-	A30H2-80700	Vehicle harness	1	FD30/38-Y2
-	A30H2-80120	Vehicle harness	1	FD30/38-Y3
-	A30H2-80800	Vehicle harness	1	FD30/38-Y2
-	A30H2-80130	Vehicle harness	1	FD30/38-Y3
-	A30K2-00200	Engine harness	1	FD30/35-D1
-	A30S2-00200	Engine harness	1	FY30-GQ1/2/3
-	A30E2-80600	Vehicle harness	1	FY30/38-R2
-	A30E2-80700	Vehicle harness	1	FY30/38-R2
-	A30BA2-80200	Vehicle harness	1	FD30-S2/S5
-	A30BA2-80300	Vehicle harness	1	FD30-S2/S5
-	A30BA2-80400	Vehicle harness	1	FD30-S2/S5
-	A30BA2-80500	Vehicle harness	1	FD30-S2/S5
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	

# Electric system

FD/Y30/38-W1/W2/JH2/S2/S5/Y2/Y3/R2/D1/GQ1/2/3



Electrical circuit diagram

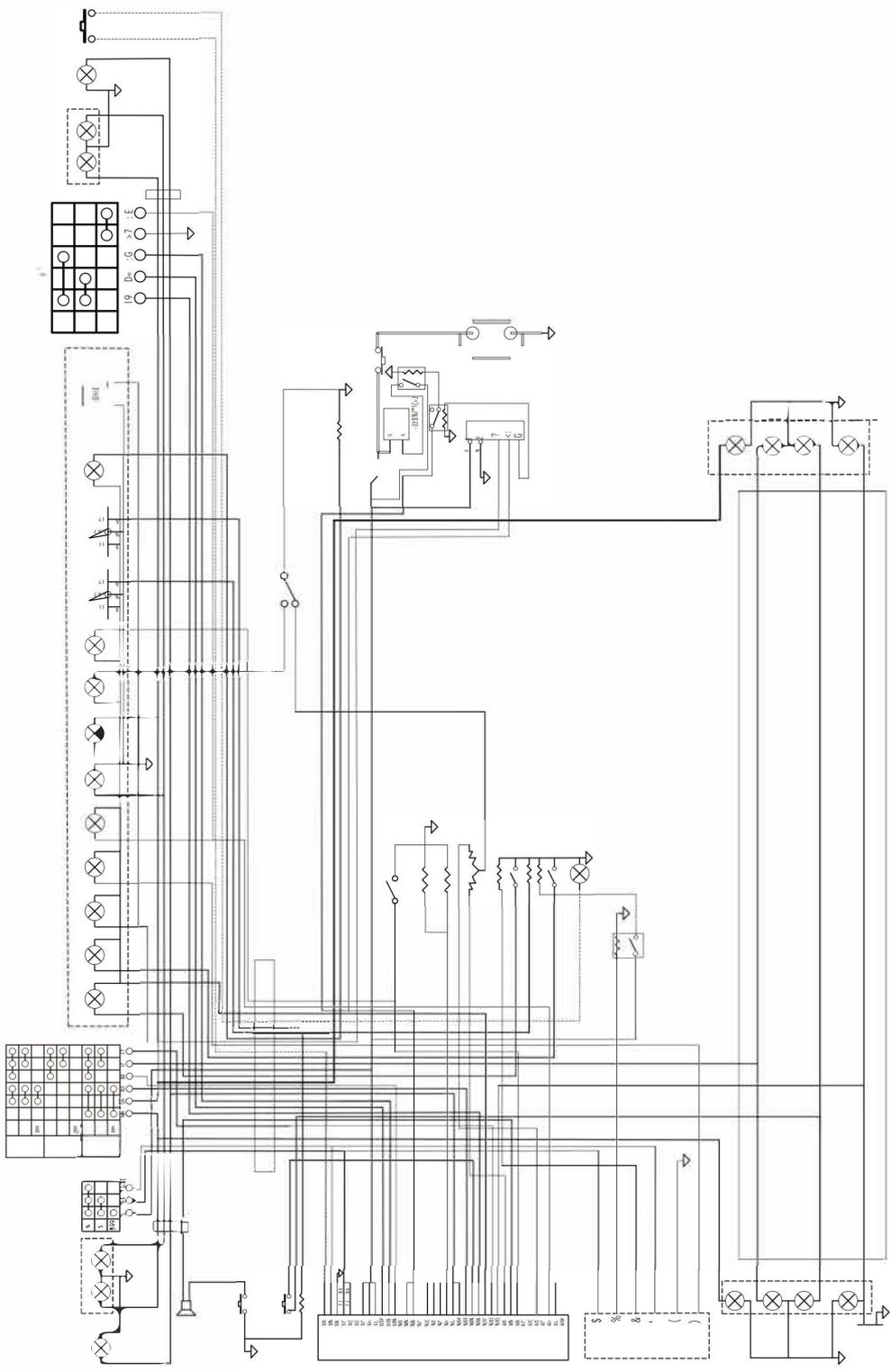
Electric system

FD/Y30/38-W1/W2/JH2/S2/S5/Y2/Y3/R2/D1/GQ1/2/3

Item	Part No	Description	Q'ty	Remark
25	A30PI2-50100	Fuel sensor	1	
26	DT03G-WG409SY	Water temp sending unit	1	FD/Y30/38-W1/W2/JH2/S2/S5/D1/R2/GQ1/2/3
-	DT03G-WG430	Water temp sending unit	1	FD/Y30/38-Y2/Y3
27	DT07G-RF12	Flameout magnetic valve	1	FD30~35-D1
28	DT06G-JD1914	Intermediate relay	1	FY30/38-R2/GQ1/2/3
32	A30P2-00800	Tri-color taillights (left)	1	
33	A30P2-00900	Tri-color taillights (right)	1	

Electric system

FD30/38-KMS4



Electrical circuit diagram

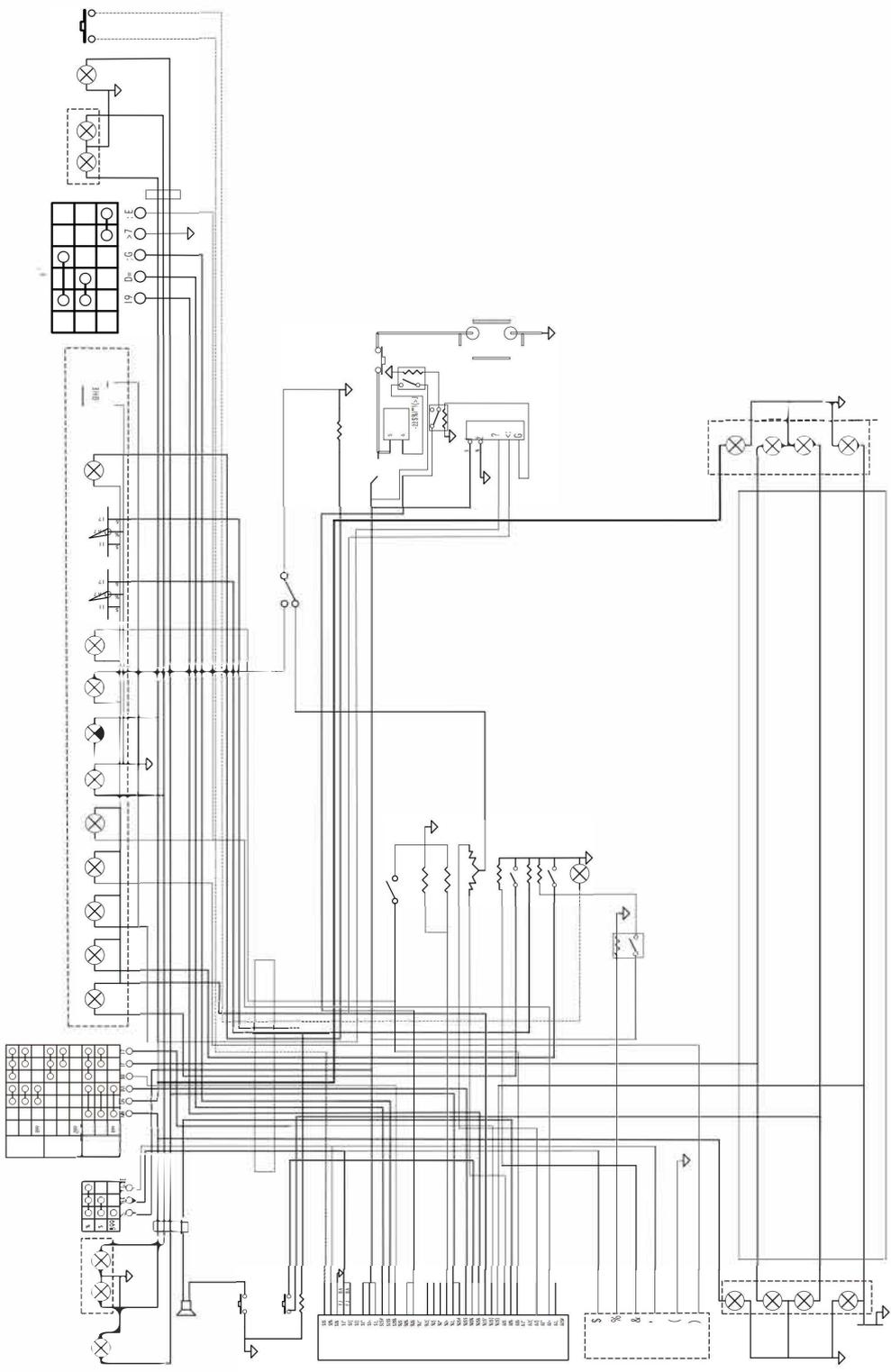
## Electric system

FD30/38-KMS4

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-10300	Panel	1	
-	A30C2-10400	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-LTD152	Caution light	1	
7	A30C2-00400	Left head guard harness	1	
8	A30C2-00500	Right head guard harness	1	
9	A30G2-00700	Cable	1	
-	A30G2-00900	Cable	1	
10	A30C2-00800	Cable	1	
-	A30C2-00801	Cable	1	
-	A30C2-00802	Cable	1	
11	A30B2-00900	Fused link wire	1	
-	A30B2-80900	Fused link wire	1	
12	A30BC2-80800	Vehicle harness	1	
-	A30BC2-80900	Vehicle harness	1	
-	A30BC2-80500	Vehicle harness	1	
-	A30BC2-80400	Vehicle harness	1	
-	A30BC2-80300	Vehicle harness	1	
13	180	Binding	15	
14	DT05G-JK205A	Brake switch	1	
15	DT09G-DJB12B	Back buzzer	1	
16	DT09G-DL124ED	Horn	1	
17	DT02G-Jk802	Integral switch	1	
-	DT02G-Jk804	Integral switch	1	

Electric system

FD30/38-KMS4



Electrical circuit diagram

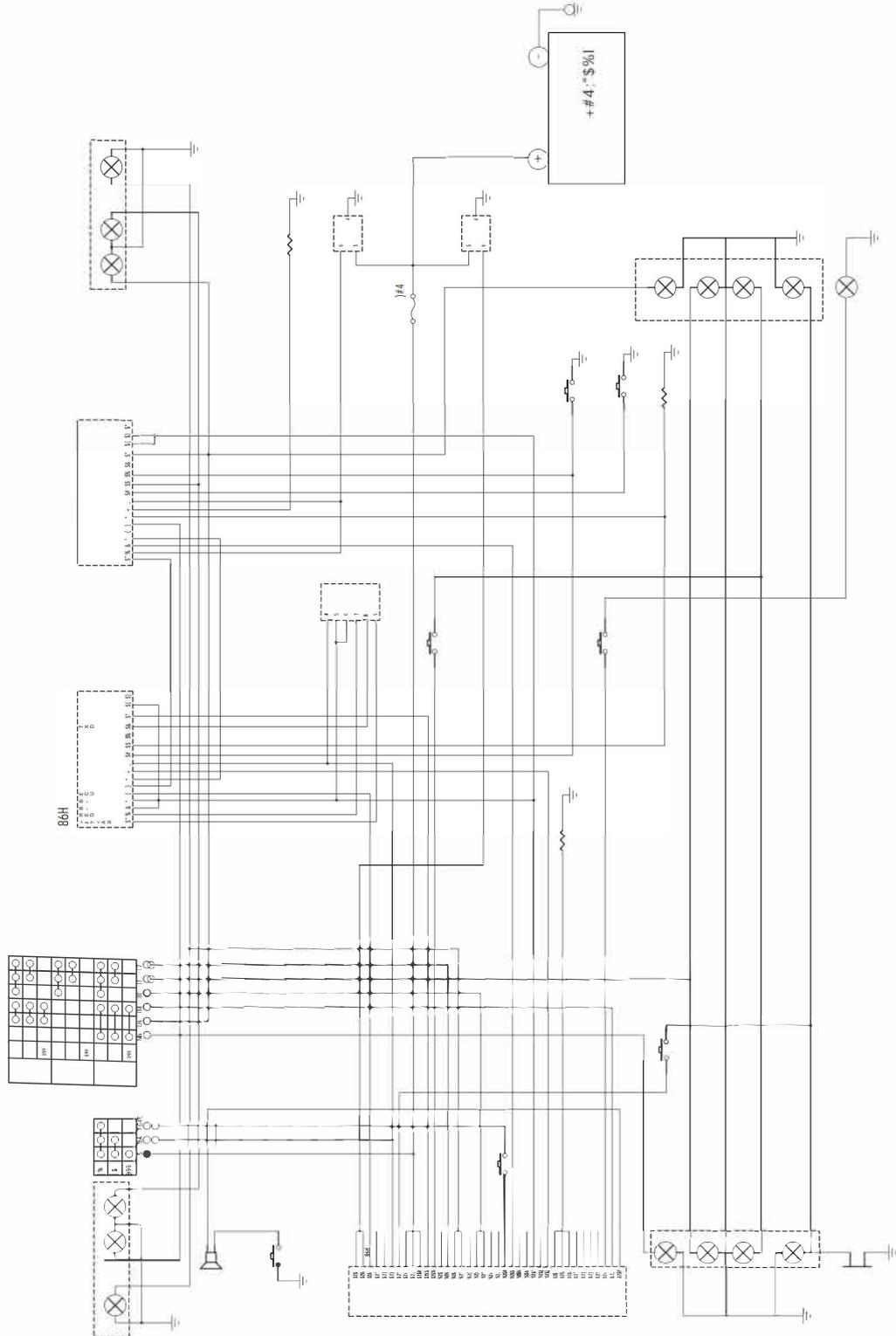
## Electric system

FD30/38-KMS4

Item	Part No	Description	Q'ty	Remark
-	A30C2-60400	Integral switch	1	
18	DT01G-ZC108	Combination	1	
-	DT01G-ZC108W	Combination	1	
-	DT01G-ZB909	Combination	1	
19	GB/T5783	M6×35 Bolt	4	
20	GB/T93	6 Washer, lock	4	
21	GB/T97.1	6 Washer	4	
22	DT03G-R1/2SY	Oil temp sending unit	1	
23	A30PI2-50100	Fuel sensor	1	
24	A70S2-00900	Emergency power switch	1	
25	A30P2-01200	Harness	1	
26	A30P2-00800	Tri-color taillights (left)	1	
27	A30P2-00900	Tri-color taillights (right)	1	
28	DT06G-6S	Induction heating plug	1	
29	DJ7021	Oil water sensor plug	1	
30	61890442	Generator plug	1	

Electric system

FD30/38-X25/X27/X24/X28



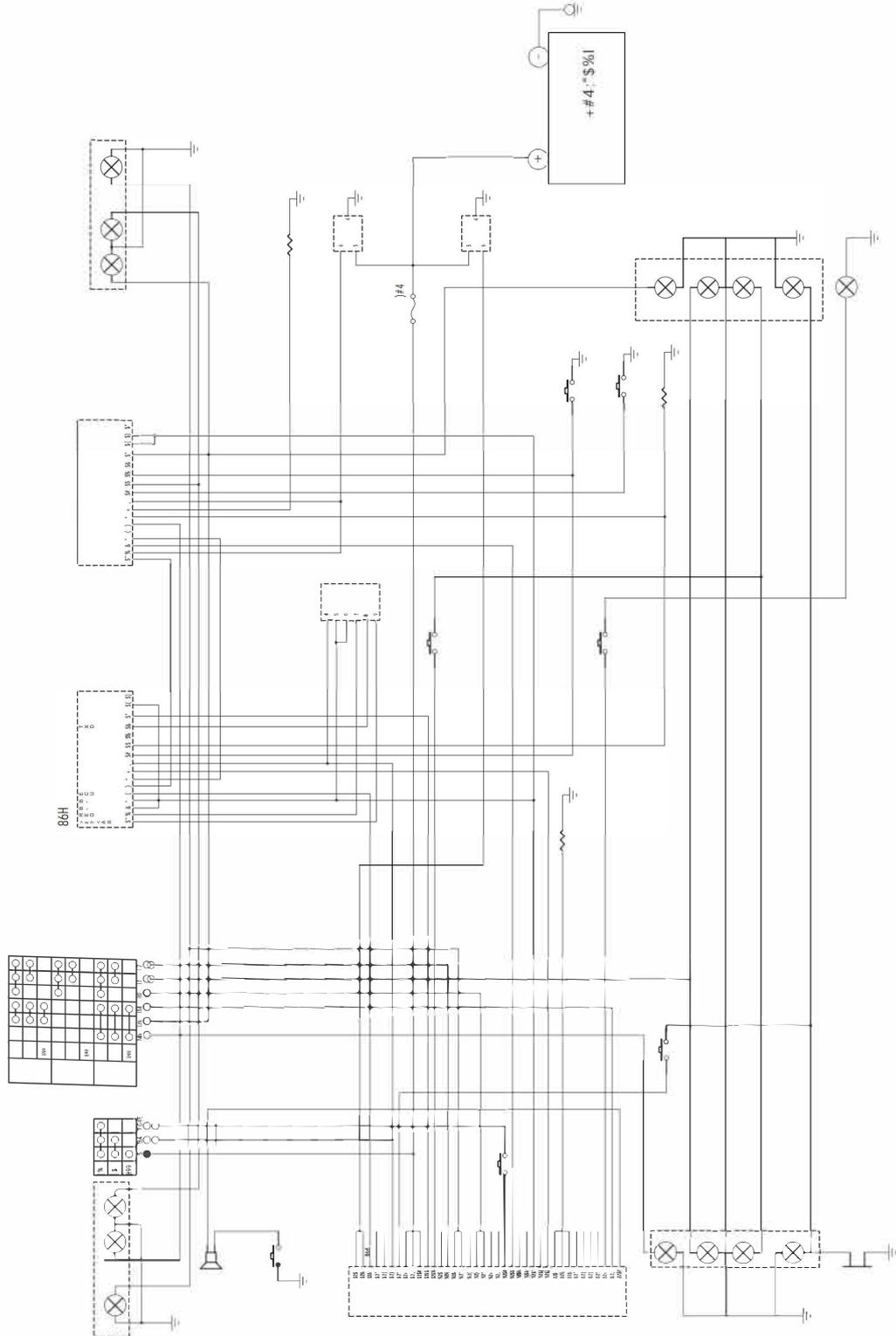
Electrical circuit diagram

Electric system      FD30/38-X25/X27/X24/X28

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-10500	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-LTD152	Caution light	1	
7	A30C2-00400	Left head guard harness	1	
8	A30C2-00500	Right head guard harness	1	
9	A30C2-00700	Cable	1	
10	A30C2-00800	Cable	1	
11	A30B2-00900	Fused link wire	1	
12	A30P2-80300	Vehicle harness	1	FD30,38-X25/27
-	A30C2-80120	Vehicle harness	1	FD30,38-X24/28
-	A30P2-80200	Vehicle harness	1	FD30,38-X25/27
-	A30C2-80130	Vehicle harness	1	FD30,38-X24/28
-	A30P2-80100	Vehicle harness	1	FD30,38-X25/27
-	A30C2-80140	Vehicle harness	1	FD30,38-X24/28
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	A30C2-70200	Combination	1	
-	A30C2-70300	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	

Electric system

FD30/38-X25/X27/X24/X28



Electrical circuit diagram

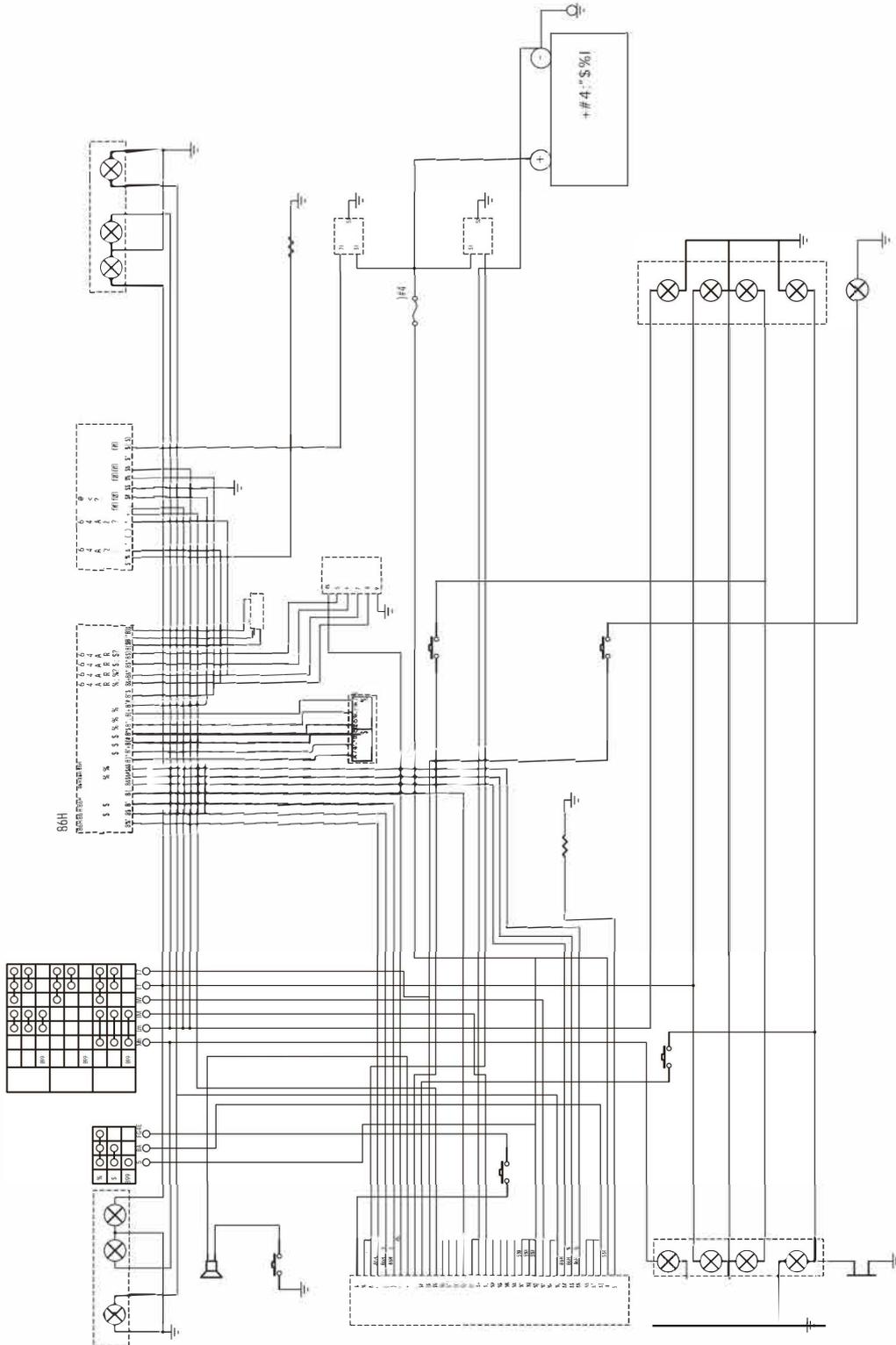
Electric system

FD30/38-X25/X27/X24/X28

Item	Part No	Description	Q'ty	Remark
24	A30PI2-50100	Fuel sensor	1	
25	DT03G-WG409SY	Water temp sending unit	1	
26	A30P2-01200	Harness	1	
27	A30P2-00800	Tri-color taillights (left)	1	
28	A30P2-00900	Tri-color taillights (right)	1	

Electric system

FD30/38-YN1



Electrical circuit diagram

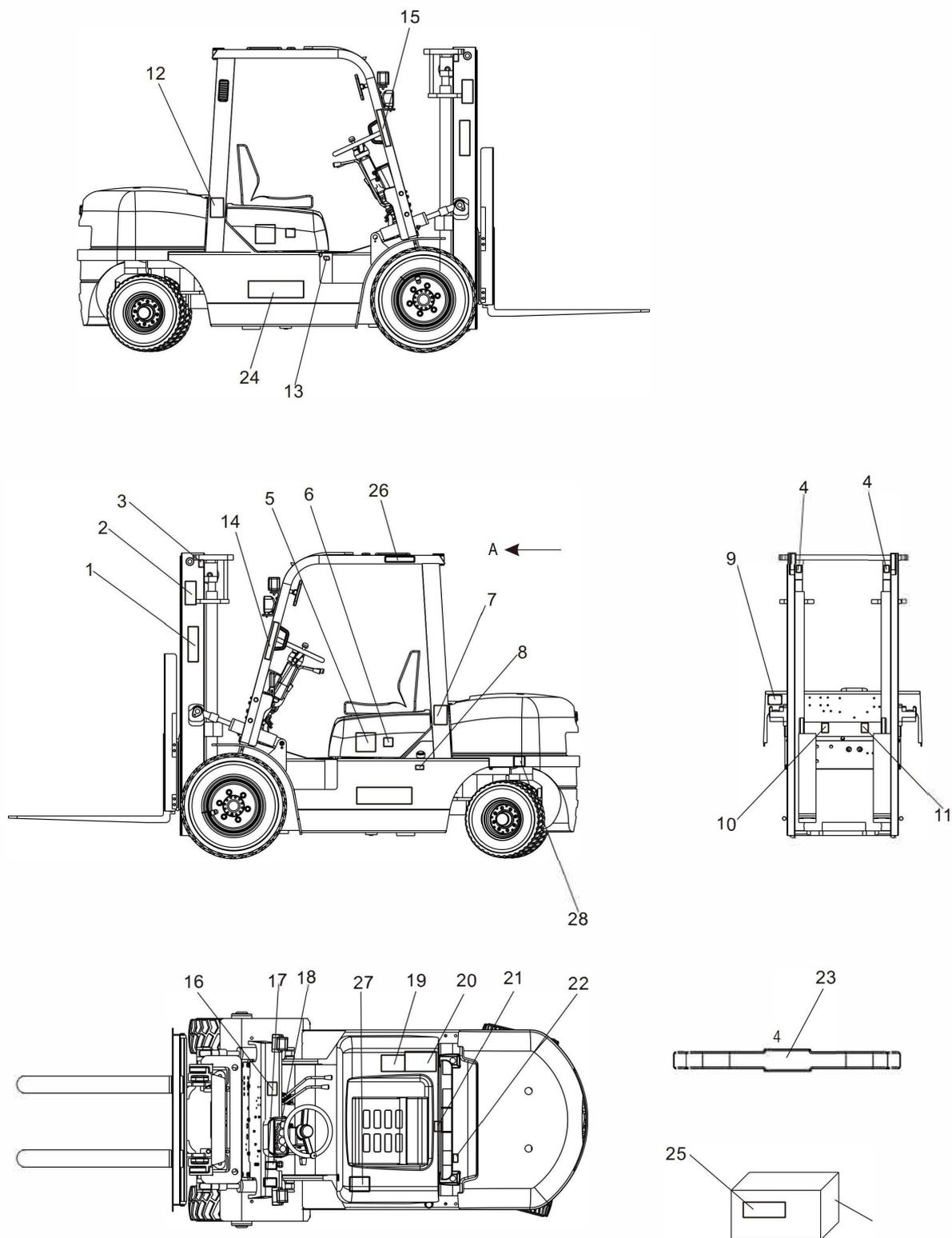
Electric system      FD30/38-YN1

Item	Part No	Description	Q'ty	Remark
1	A30C2-20002	Battery	1	
2	A30C2-80800	Cable	1	
3	A30C2-00800	Cable	1	
4	A30B2-80900	Fused link wire	1	
5	DT03G-YG405	Fuel sensor	1	
6	GB/T823	M5×12 Screw	9	
7	DT04G-12WD2	Head lamp ass'y	2	
8	DT04G-12ZQX	Side lamp ass'y	2	
9	A30C2-00400	Left head guard harness	1	
10	A30C2-00500	Right head guard harness	1	
11	A30PP2-70100	Combination	1	
12	GB/T5783	M6×35 Bolt	5	
13	GB/T93	6 Washer, lock	5	
14	GB/T97.1	6 Washer	5	
15	A30PP2-50100	Oil pressure sensor	1	
16	DT02G-Jk802	Integral switch	1	
17	DT09G-DL124ED	Horn	1	
18	GB/T5783	M8×15 Bolt	1	
19	GB/T93	8 Washer, lock	1	
20	GB/T97.1	8 Washer	1	
21	A30PP2-10200	Panel	1	
22	DT04G-12XH8	Rear combination lamp	1	
23	DT09G-DJB12B	Back buzzer	1	
24	DT04G-LTD152	Caution light	1	
25	DT05G-JK205A	Brake switch	1	
26	A30PP2-60100	Accelerator	1	
27	A30PP2-80100	Vehicle harness	1	
28	180	Binding	15	

---

J. SCUTCHEON

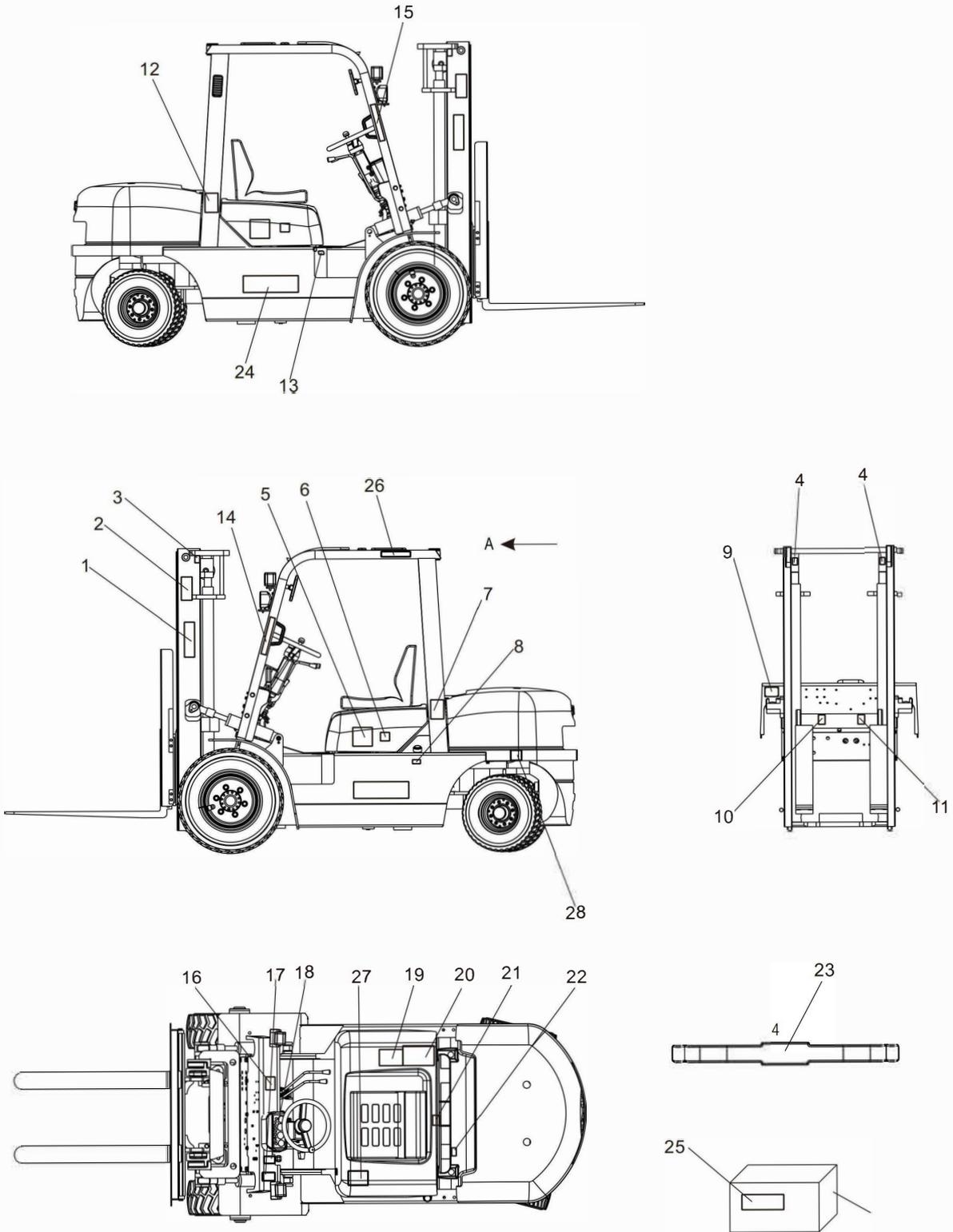
# Decal



## Decal

Item	Part No	Description	Q'ty	Remark
1		Decal	2	
-		"LOGO" Decal	2	
2	GCI0001	Decal, safety	2	
-	GCIY053	Decal, safety	2	
3	GCI0022	CE Decal,sling	2	
4	GCI0014	Decal,sling	2	
-	GCIY066	Decal,sling	2	
5	GCI0006	Decal,model	2	
6	GCI0030	Decal "30"	2	
-	GCI0110	Decal "38"	2	
7	GCI0005	Decal,caution	1	
-	GCIY057	Decal,caution	1	
8	GCI0008	Decal,fuel	1	
-	GCI0091	Decal,fuel	1	
-	GCI0092	Decal,fuel	1	
-	GCIY060	Decal,fuel	1	
-	GCIY095	Decal,fuel	1	
-	GCIY096	Decal,fuel	1	
9	GCI0716	Name plate	1	
-	GCIY717	Name plate	1	
10	GCI0016	Decal, padlod mast space	1	
-	GCIY068	Decal, padlod mast space	1	
11	GCI0017	Decal,notice thumb hand	1	
-	GCIY069	Decal,notice thumb hand	1	
12	GCI0013	Decal,tyre safety	1	
-	GCIY065	Decal,tyre safety	1	
13	GCI0010	Decal,adding hydraulic oil	1	
-	GCIY062	Decal,adding hydraulic oil	1	

# Decal



## Decal

Item	Part No	Description	Q'ty	Remark
14	GCIY273	Read instructions warning	1	
15	GCIY272	Fasten seat belts warning logo	1	
16	GCI0730	3t Decal,Iubrication chart	1	
-	GCIY731	3t Decal,Iubrication chart	1	
-	GCI0734	3.8t Decal,Iubrication chart	1	
-	GCIY735	3.8t Decal,Iubrication chart	1	
17	GCI0407	Decal,Parking brake adjustment	1	
-	GCIY275	Decal,Parking brake adjustment	1	
18	GCI0412	Decal	1	
-	GCIY411	Decal	1	
19	GCI0003	Decal,Iubrication chart	1	
-	GCIY055	Decal,Iubrication chart	1	
20	GCI0004	Decal	1	
-	GCIY056	Decal	1	
21	GCI0012	Decal,fan safety	1	
-	GCIY064	Decal,fan safety	1	
22	GCI0009	Decal,antifreeze liquid	1	
-	GCIY061	Decal,antifreeze liquid	1	
23		<b>LogoDecal</b>	1	
24		<b>Decal</b>	1	
25	GCI0122	Warning Logo	1	
-	GCIY124	Warning Logo	1	
26	GCI0121	Electrical warning logo	1	
-	GCIY125	Electrical warning logo	1	
27	GCI0409	Ban manned sign	1	
-	GCIY410	Ban manned sign	1	
28	GCIY408	Weight lifting logo	2	

# GAMBIT

8800 PARTS MANUAL

**FLIFT**  
AMERICA

[www.FLIFTAmerica.com](http://www.FLIFTAmerica.com)