

VIPER

LIFT TRUCKS

PARTS MANUAL

5 - 10 TON

INTERNAL COMBUSTION BALANCED FORKLIFT TRUCK



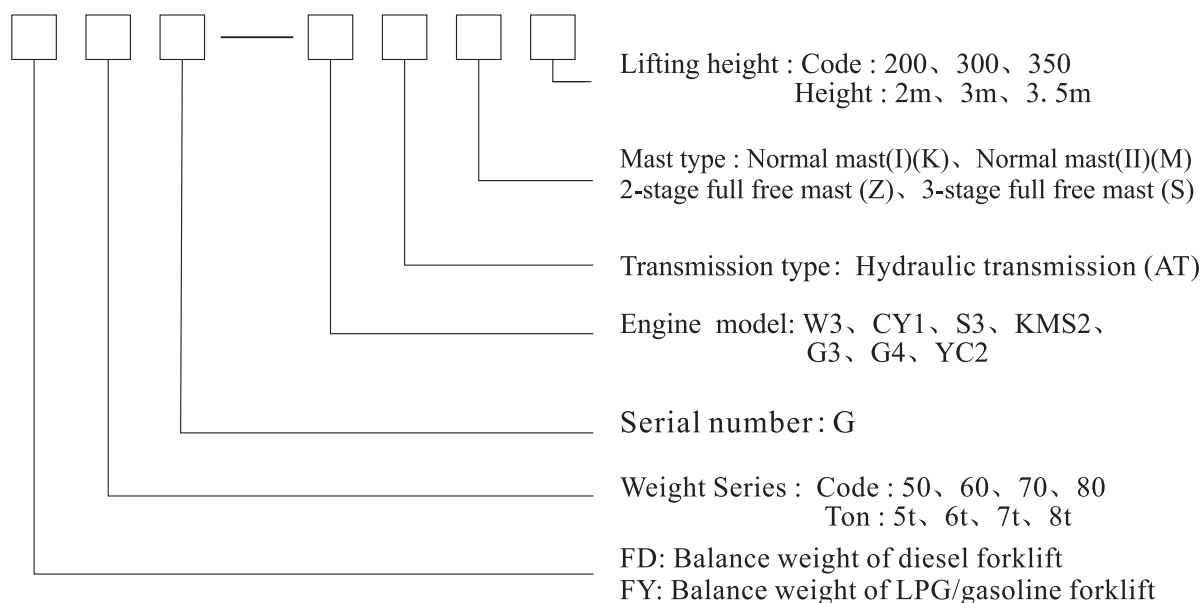
CONTACT US WITH ANY QUESTIONS

PARTS@VIPERLIFTTRUCKS.COM

TOLL FREE: (888) 745-0577

FOREWORD

1. This parts list is applied to the FD50G、FD60、FD70G、FD80G 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 :

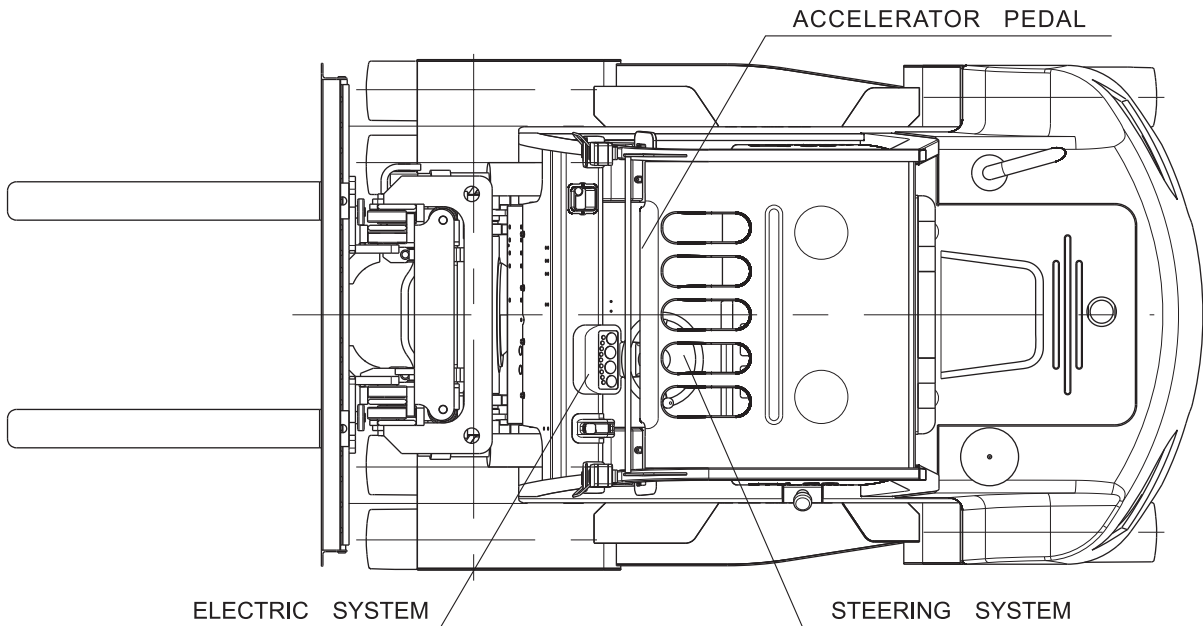
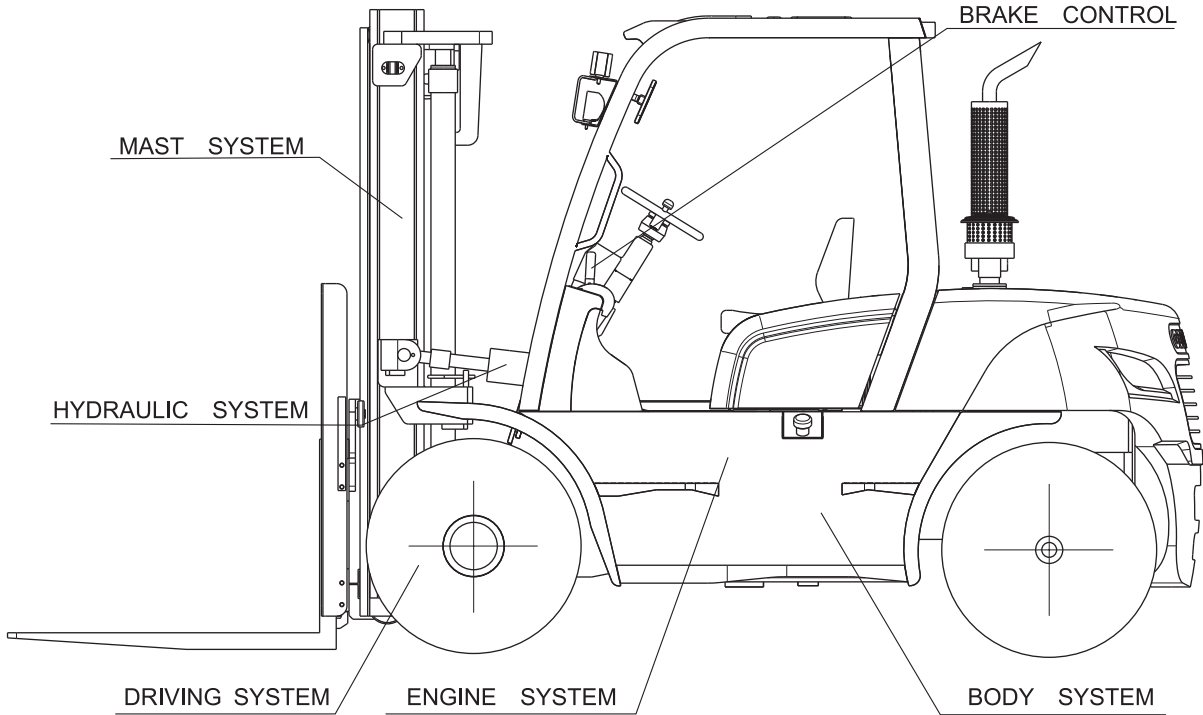


4. If there is any change, we will not notify.
 5. Model application: Engine model and maximum capacity.
 6. The following trucks are provided with corresponding engine.
- | | |
|---|---------------------------------------|
| FD50,60,70,80-W3/6BG1QC-02 engine | FD50,60,70,80-KMS2/QSB4.5-C110 engine |
| FD50,60,70,80-CY1/CY6102BG-E2-46 engine | FY50,60,70,80-G3/GM4.3 engine |
| FD50,60,70,80-S3/S6S-T engine | FY50,60,70,80-G4/GM4.3 engine |
| FD50,60,70,80-YC2/YC6B125-T20 engine | |

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

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

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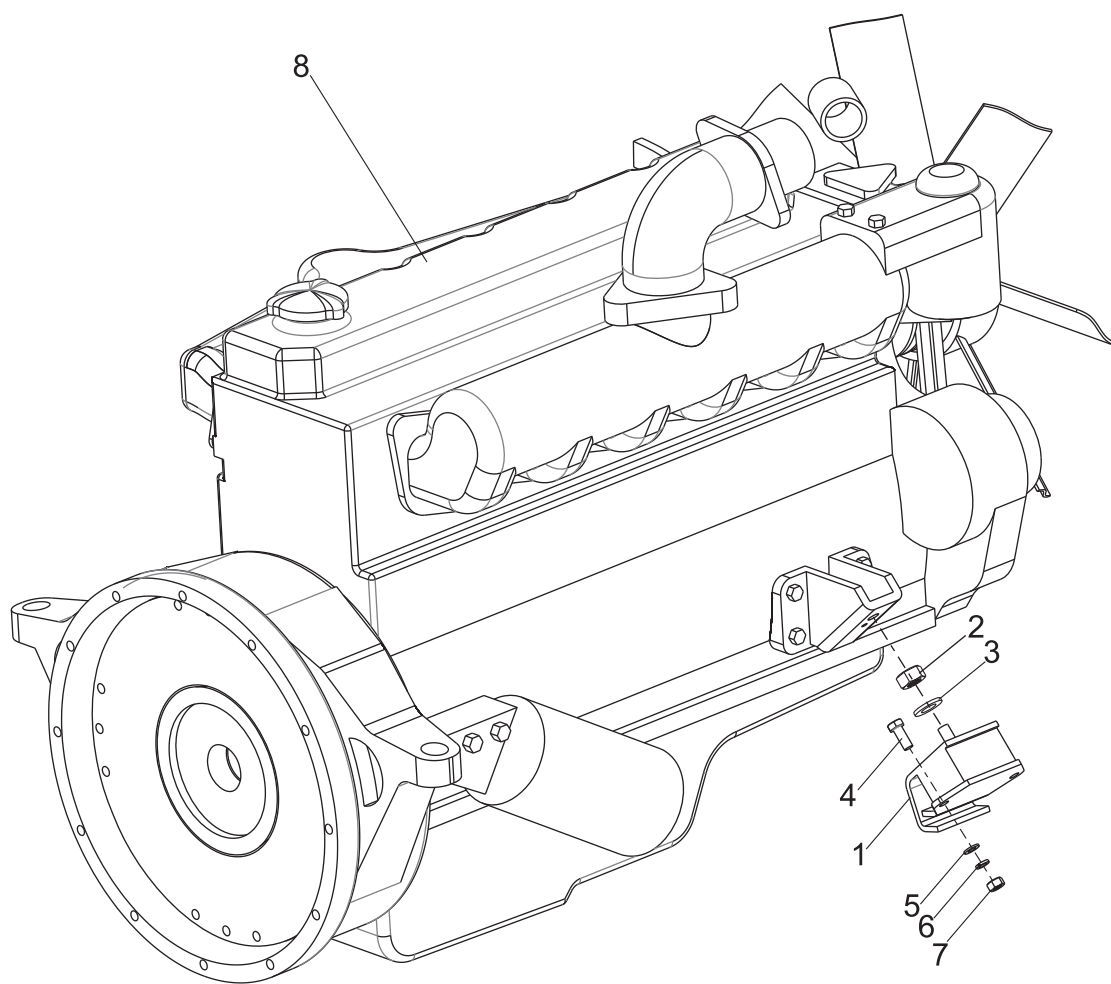
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ENGINE SYSTEM

Engine mount

FD50,60,70,80-CY1/W3



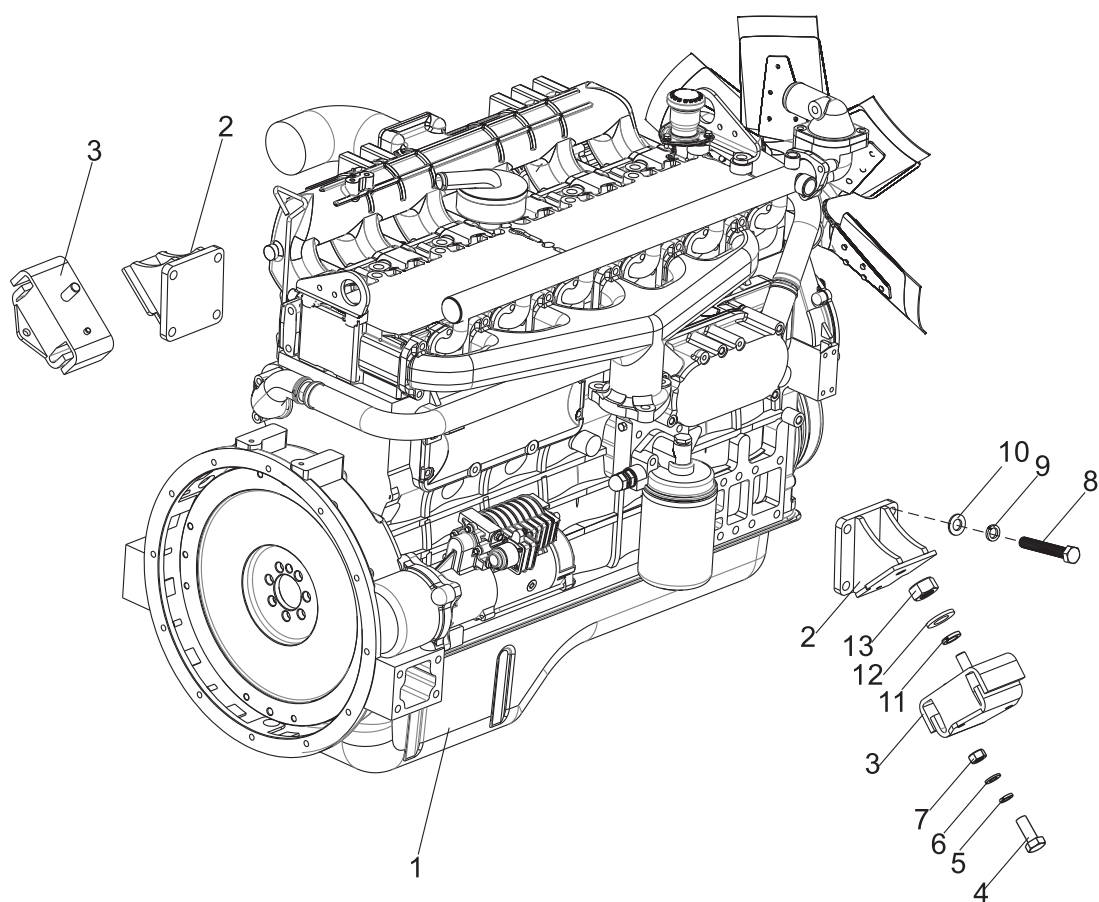
Engine mount

FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
1	A50A5-10100	Rubber	2	FD50,60,70,80-CY1
-	A50B5-10300	Rubber	2	FD50,60,70,80-W3
2	GB/T6171	M12×1.25 Nut	2	
3	GB/T93	M12 Washer,Lock	2	
4	GB/T5783	M10×35 Bolt	4	
5	GB/T97.1	M10 Washer	4	
6	GB/T93	M10 Washer,Lock	4	
7	GB/T6170	M10 Nut	4	
8	A50A5-10300	6102 Engine	1	FD50,60,70,80-CY1
-	A50B5-10200	6BG1 Engine	1	FD50,60,70,80-W3

Engine mount

FD50,60,70,80-S3/YC2



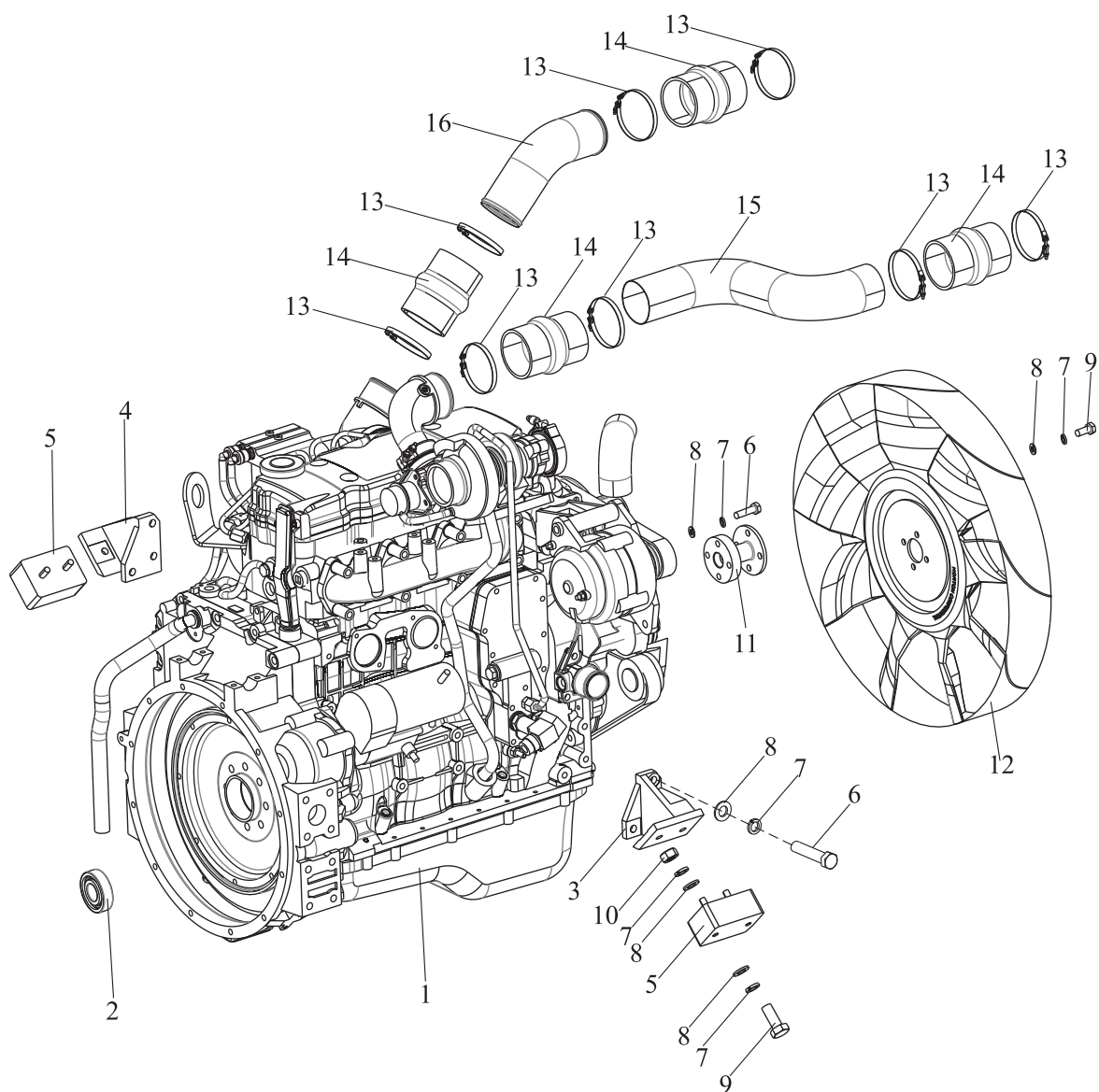
Engine mount

FD50,60,70,80-S3/YC2

Item	Part No	Description	Q'ty	Remark
1	A50E5-10100	S6S-T Engine	1	FD50,60,70,80-S3
-	A50G5-10100	6108 Engine	1	FD50,60,70,80-YC2
2	A50E5-10300	Engine support	2	FD50,60,70,80-S3
-	A50G5-10300	Engine support	2	FD50,60,70,80-YC2
3	A50E5-10200	Rubber	2	FD50,60,70,80-S3
-	A50G5-10200	Rubber	2	FD50,60,70,80-YC2
4	GB/T5783	M10×30 Bolt	4	
5	GB/T93	M10 Washer,Lock	4	
6	GB/T97.1	M10 Washer	4	
7	GB/T6170	M10 Nut	4	
8	GB/T5783	M12×30 Bolt	8	
9	GB/T93	M12 Washer,Lock	8	
10	GB/T97.1	M12 Washer	8	
11	GB/T93	M14 Washer,Lock	2	
12	GB/T97.1	M14 Washer	2	
13	GB/T6171	M14×1.5 Nut	2	

Engine mount

FD50,60,70,80-KMS2



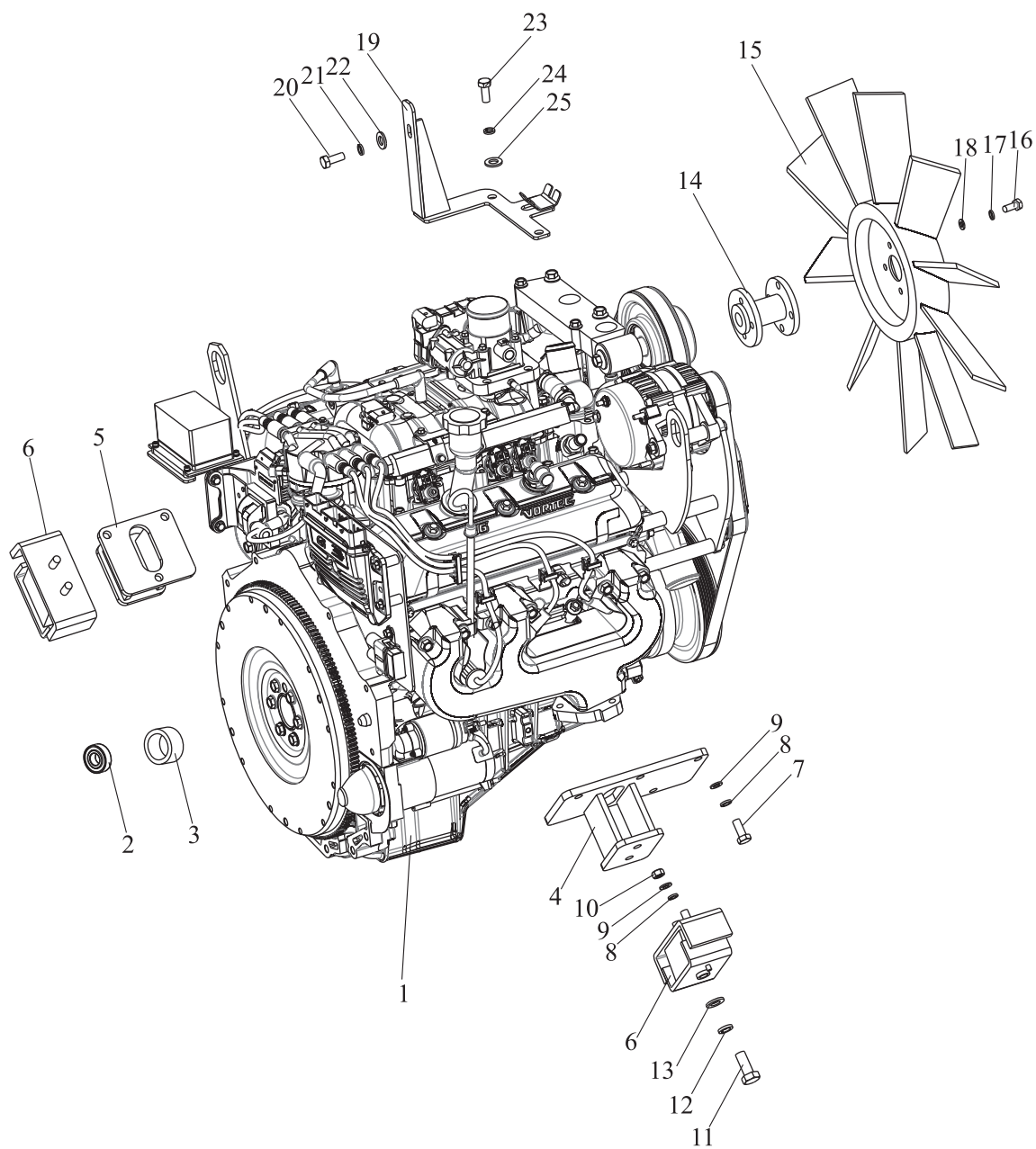
Engine mount

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	A90F5-10100	QSB4.5-C110 Engine	1	
2	A90F5-10001	6306 Bearing	1	
3	A90F5-10004	Engine support	1	
4	A90F5-10005	Engine support	1	
5	A120A5-10003	Rubber	2	
6	GB/T5783	M10×35 Bolt	10	
7	GB/T93	M10 Washer,Lock	18	
8	GB/T97.1	M10 Washer	18	
9	GB/T5783	M10×25 Bolt	8	
10	GB/T6170	M10 Nut	4	
11	A90F5-10003	Fan base	1	
12	A90F5-10002	Fan	1	
13	TK000-080100	80-100 Clip	8	
14	A90F5-11007	Intercooler pipe	4	
15	A90F5-11008	Intercooler intake	1	
16	A90F5-11009	Intercooler freeing pipe	1	

Engine mount

FY50,60,70,80-G3/G4



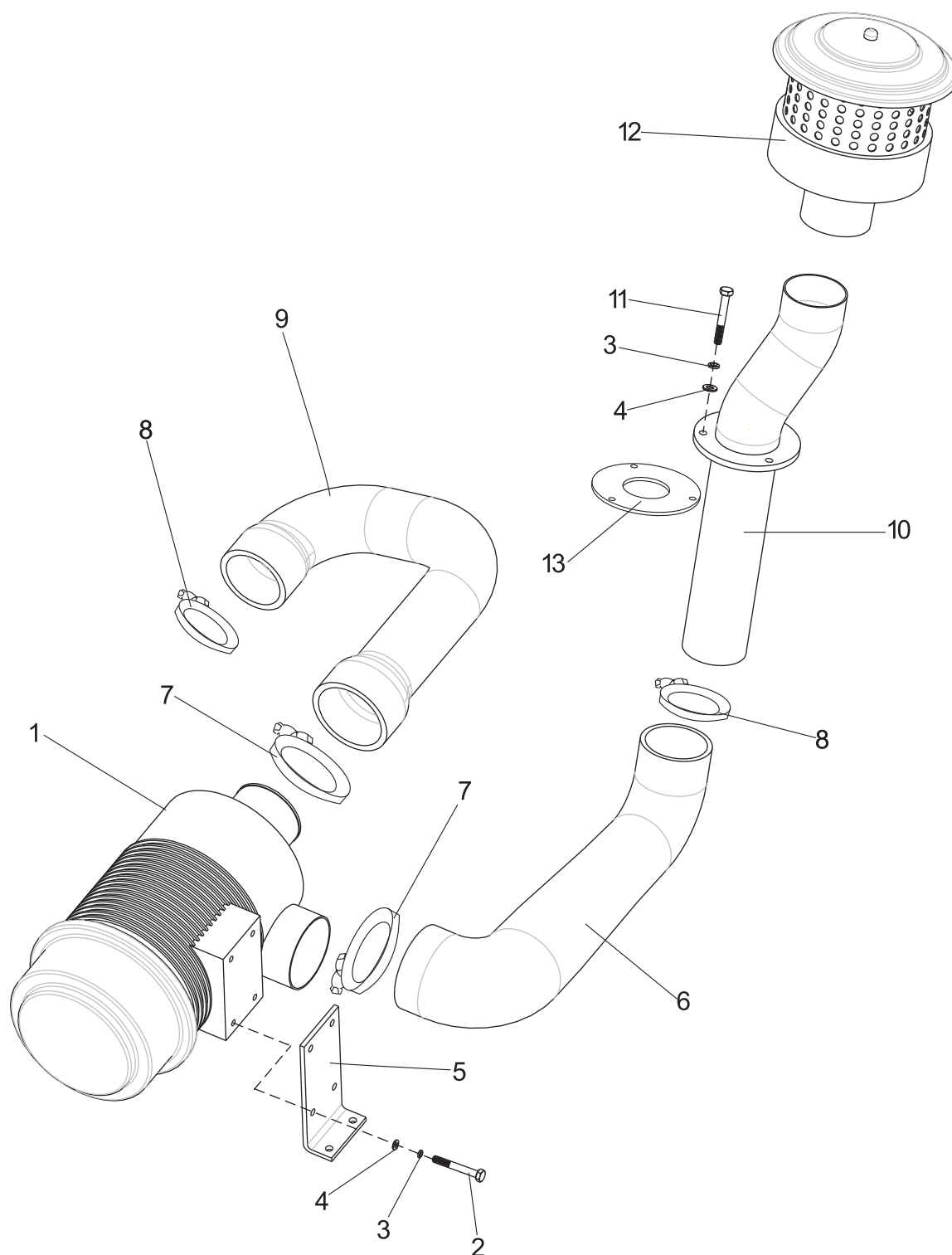
Engine mount

FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
1	A50I5-10200	GM4.3 Engine	1	FY50,60,70,80-G4
-	A45F5-10200	GM4.3 Engine	1	FY50,60,70,80-G3
2	A30BD5-10003	Bearing	1	
3	A30BD5-10005	Bushing	1	
4	A50I5-10300	Engine support	1	FY50,60,70,80-G4
-	A50F5-10200	Engine support	2	FY50,60,70,80-G3
5	A50I5-10200	Engine support	1	FY50,60,70,80-G4
6	A50F5-10300	Rubber	2	
7	GB/T5783	M10×35 Bolt	6	
8	GB/T93	M10 Washer,Lock	10	
9	GB/T97.1	M10 Washer	10	
10	GB/T6170	M10 Nut	4	
11	GB/T5783	M12×30 Bolt	2	
12	GB/T93	M12 Washer,Lock	2	
13	GB/T97.1	M12 Washer	2	
14	A50F5-10002	Fan base	1	
15	A50F5-10004	Fan	1	
16	GB/T5786	M8×1.25×75 Bolt	4	
17	GB/T93	M8 Washer,Lock	4	
18	GB/T97.1	M8 Washer	4	
19	A50I5-10500	Evaporator fixing plate	1	FY50,60,70,80-G3
20	GB/T5783	M8×10 Bolt	1	FY50,60,70,80-G3
21	GB/T93	M8 Washer,Lock	1	FY50,60,70,80-G3
22	GB/T97.1	M8 Washer	1	FY50,60,70,80-G3
23	GB/T5783	M10×15 Bolt	2	FY50,60,70,80-G3
24	GB/T93	M10 Washer,Lock	2	FY50,60,70,80-G3
25	GB/T97.1	M10 Washer	2	FY50,60,70,80-G3

Air intake system

FD50,60,70,80-CY1/W3



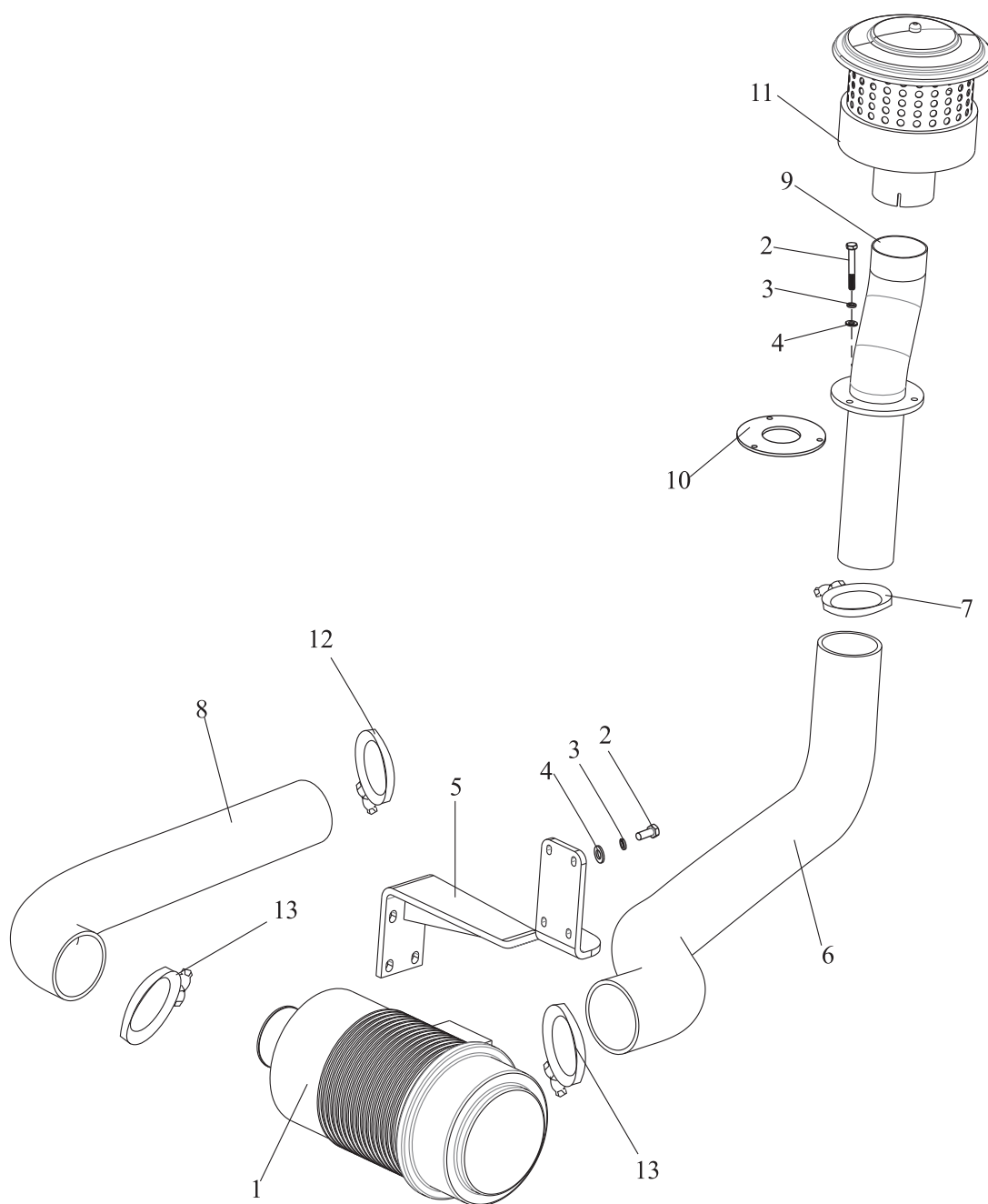
Air intake system

FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	GB/T5783	M8×20 Bolt	6	
3	GB/T93	M8 Washer	9	
4	GB/T97.1	M8 Washer	9	
5	A50C5-10002	Air cleaner installation	1	
6	A50C5-10001	A Hose, intake air	1	FD50,60,70,80-CY1/W3
-	A50E5-10004	A Hose, intake air	1	FD50,60,70,80-S3
7	TK000-90110	90-110 Clip	2	
8	TK000-80100	80-100 Clip	2	
9	A50A5-10001	B Hose, intake air	1	FD50,60,70,80-CY1/W3
-	A50E5-10003	B Hose, intake air	1	FD50,60,70,80-S3
10	A90D1-10010	Air filter bracket	2	
-	A50C5-10200	Intake pipe ass'y	2	
11	GB/T5783	M8×25 Bolt	3	
12	A50C5-10100	Air thick filters	1	
13	A50C5-10005	Rubber pad	1	

Air intake system

FD50,60,70,80-YC2



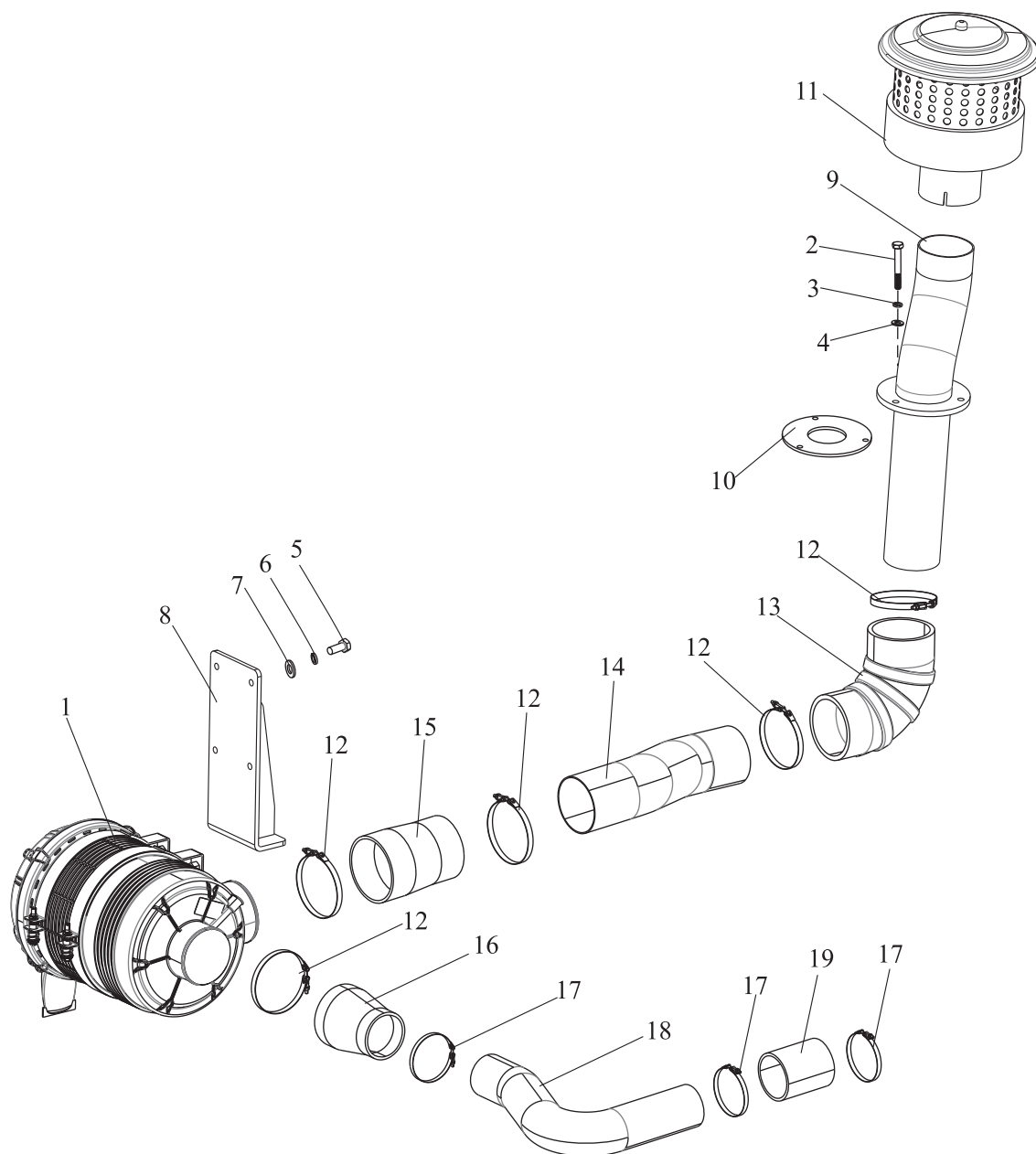
Air intake system

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	GB/T5783	M8×25 Bolt	7	
3	GB/T93	M8 Washer	7	
4	GB/T97.1	M8 Washer	7	
5	A50G5-10500	Air cleaner bracket	1	
6	A50G5-10001	A Hose, intake air	1	
7	TK000-80100	M80-100 Clip	1	
8	A50G5-10002	B Hose, intake air	1	
9	A90D1-10010	Air filter bracket	2	
-	A50C5-10200	Intake pipe ass'y	2	
10	A50C5-10005	Rubber pad	1	
11	A50C5-10100	Air thick filters	1	
12	TK000-50070	50-70 Clip	1	
13	TK000-90110	90-110 Clip	2	

Air intake system

FD50,60,70,80-KMS2



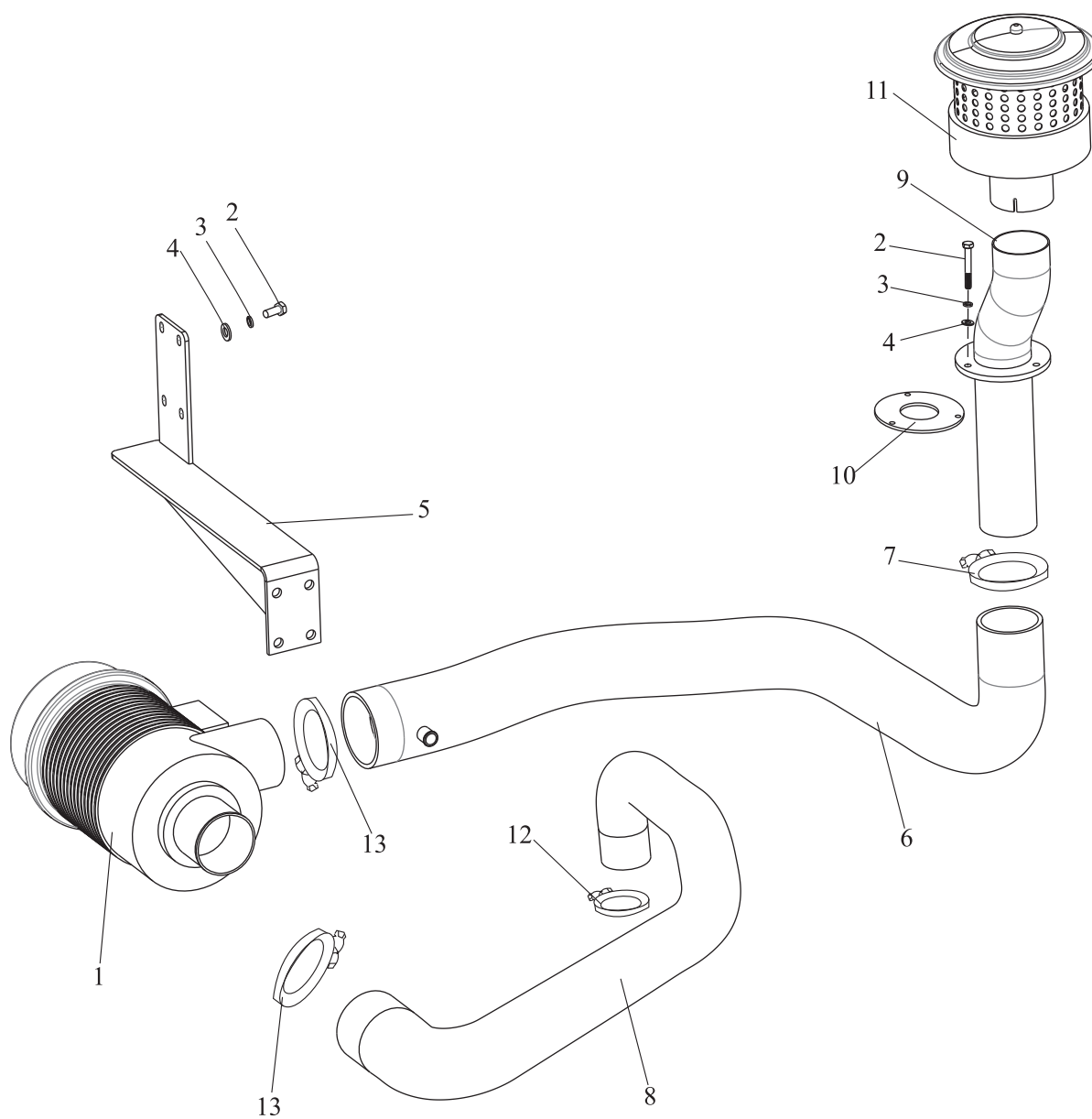
Air intake system

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	A90F5-10200	Air cleaner	1	
2	GB/T5783	M8×25 Bolt	3	
3	GB/T93	M8 Washer	3	
4	GB/T97.1	M8 Washer	3	
5	GB/T5783	M10×25 Bolt	4	
6	GB/T93	M10 Washer	4	
7	GB/T97.1	M10 Washer	4	
8	D90F1-10300	Air cleaner installation	1	
9	A120A5-10400	Intake pipe ass'y	1	
10	A50C5-10005	Rubber pad	1	
11	A120A5-10300	Air thick filters	1	
12	TK000-110130	110-130 Clip	5	
13	A90F5-11001	Hose, intake air	1	
14	A50K5-10001	A Hose, intake air	1	
15	A90F5-11003	A Hose, intake air	1	
16	A90F5-11004	B Hose, intake air	1	
17	TK000-080100	80-100 Clip	3	
18	A50K5-11003	B Hose, intake air	1	
19	A90F5-11006	C Hose, intake air	1	

Air intake system

FY50,60,70,80-G3/G4



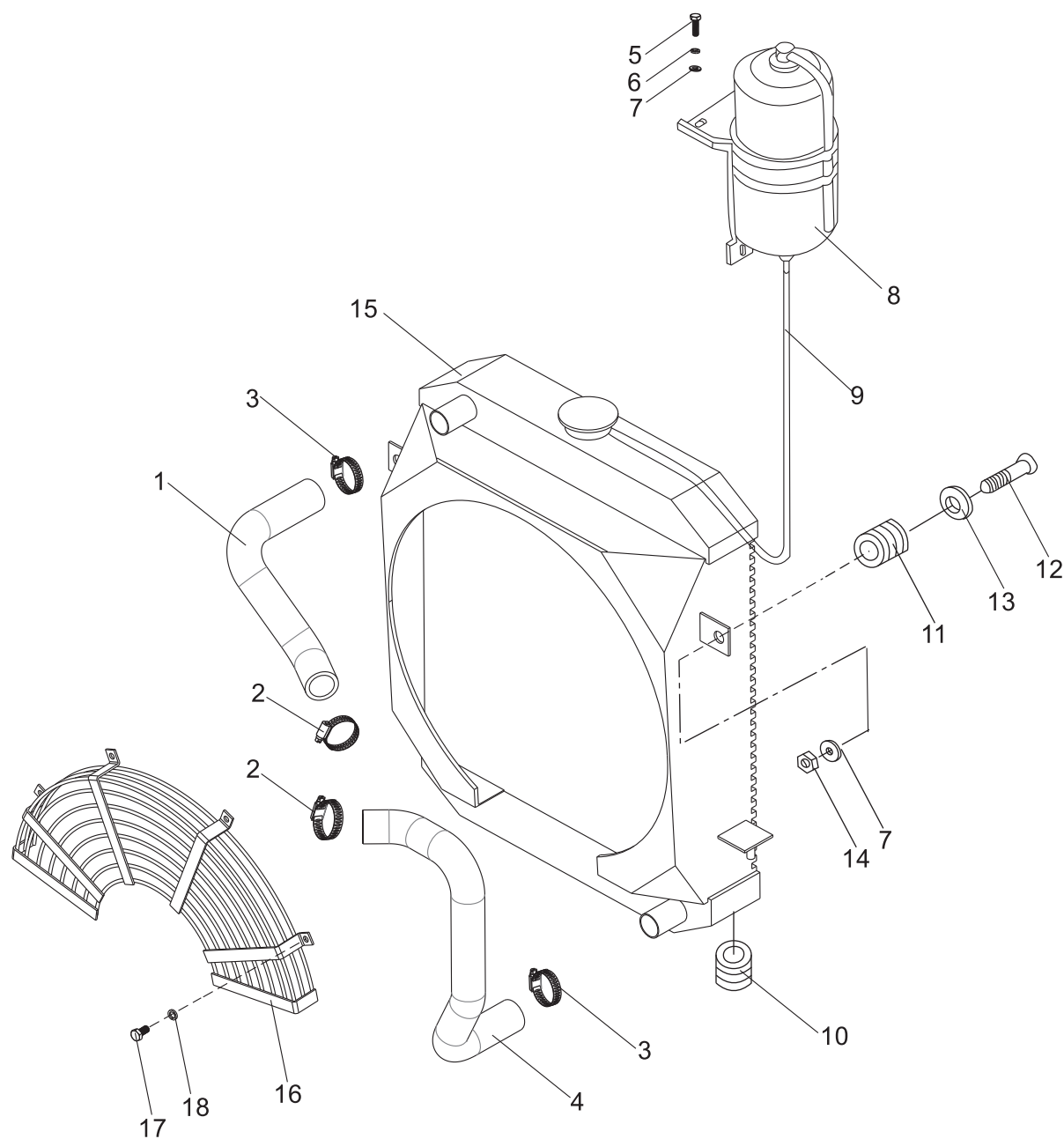
Air intake system

FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	GB/T5783	M8×25 Bolt	7	
3	GB/T93	8 Washer	7	
4	GB/T97.1	8 Washer	7	
5	A50I5-10400	Air cleaner installation	1	FY50,60,70,80-G4
-	A50F5-10400	Air cleaner installation	1	FY50,60,70,80-G3
6	A50I5-10001	A Hose, intake air	1	FY50,60,70,80-G4
-	A50F5-10004	A Hose, intake air	1	FY50,60,70,80-G3
7	TK000-80100	80-100 Clip	1	
8	A50I5-10002	B Hose, intake air	1	FY50,60,70,80-G4
-	A50F5-10003	B Hose, intake air	1	FY50,60,70,80-G3
9	A90D1-10010	Air filter bracket	1	
-	A50C5-10200	Intake pipe ass'y	1	
10	A50C5-10005	Rubber pad	1	
11	A50C5-10100	Air thick filters	1	
12	TK000-50070	50-70 Clip	1	
13	TK000-90110	90-110 Clip	2	

Cooling system

FD50,60,70,80-CY1/W3/S3
FY50,60,70,80-G3/G4



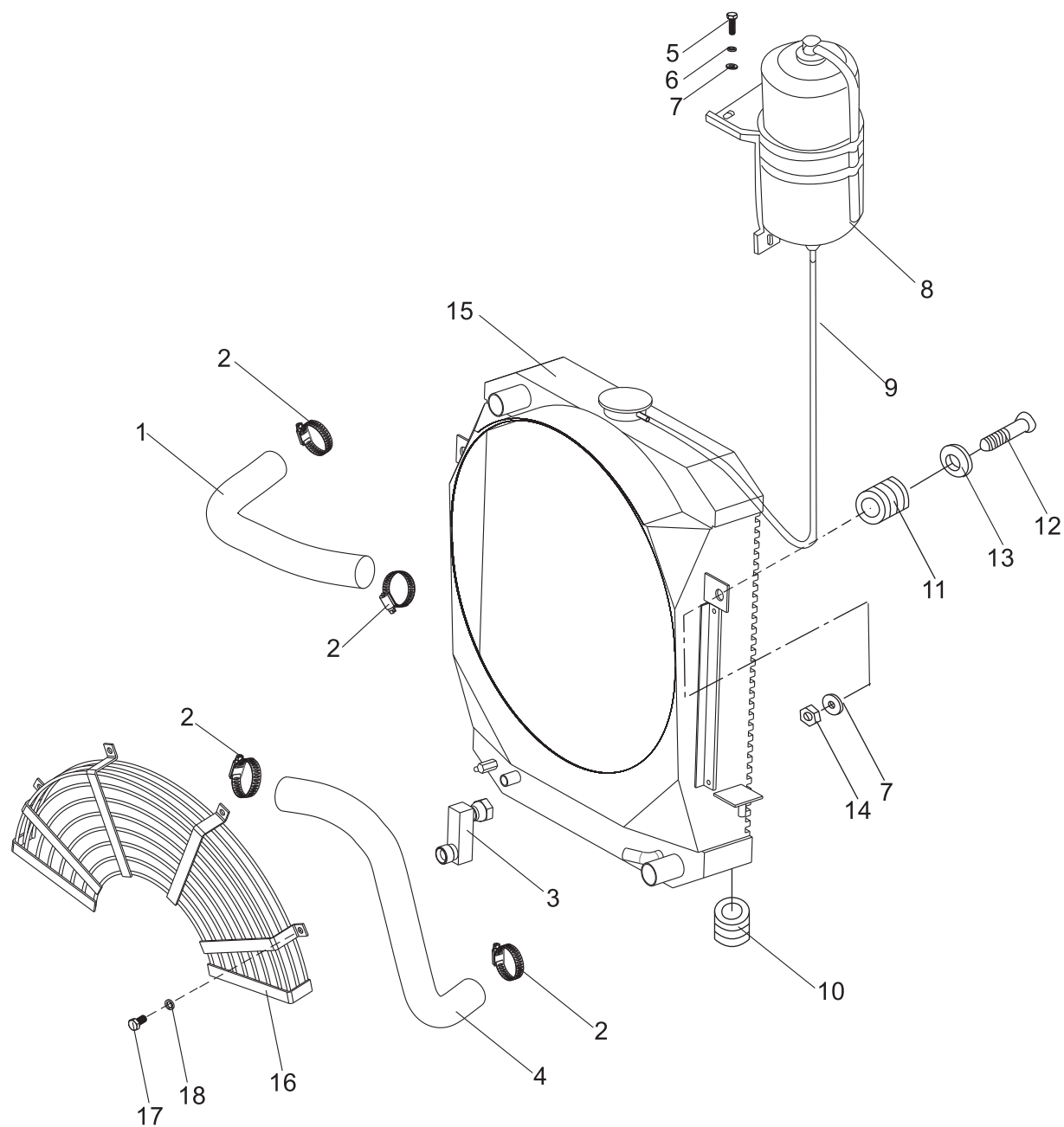
Cooling system

FD50,60,70,80-CY1/W3/S3
FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
1	A50A5-40001	Hose	1	FD50,60,70,80-CY1/W3
-	A50E5-40001	Hose	1	FD50,60,70,80-S3
-	A50F5-40001	Hose	1	FY50,60,70,80-G3
-	A50I5-40001	Hose	1	FY50,60,70,80-G4
2	TK000-44064	44~64 Clip	2	FD50,60,70,80-CY1/W3
-	TK000-44064	44~64 Clip	0	FD50,60,70,80-S3 FY50,60,70,80-G3/G4
3	TK000-38057	38~57 Clip	2	FD50,60,70,80-CY1/W3
-	TK000-38057	38~57 Clip	4	FD50,60,70,80-S3
4	A50A5-40002	Hose	1	FD50,60,70,80-CY1/W3
-	A50E5-40002	Hose	1	FD50,60,70,80-S3
-	A50F5-40002	Hose	1	FY50,60,70,80-G3
-	A50I5-40002	Hose	1	FY50,60,70,80-G4
5	GB/T5783	M8×15 Bolt	3	
6	GB/T93	8 Washer,lock	3	
7	GB/T97.1	8 Washer	5	
8	A50A5-40100	Tank reserve ass'y	1	
9	TG000-08185	8×1850 Hose	1	
10	A30A5-40003	I Rubber	2	
11	A30A5-40004	II Rubber	2	
12	A30A5-40005	Bolt	2	
13	A30A5-20003	Plate	2	
14	GB/T889.1	M8 Nut	2	
15	A50A5-40200	Radiator ass'y	1	FD50,60,70,80-CY1/W3
-	A50E5-40100	Radiator ass'y	1	FD50,60,70,80-S3
-	A50F5-40100	Radiator ass'y	1	FY50,60,70,80-G3/G4
16	A50A5-40210	Retainer	1	FD50,60,70,80-CY1/W3
-	A50E5-40110	Retainer	1	FD50,60,70,80-S3
17	GB/T5783	M8×15 Bolt	4	
18	GB/T93	8 Washer,lock	4	

Cooling system

FD50,60,70,80-YC2



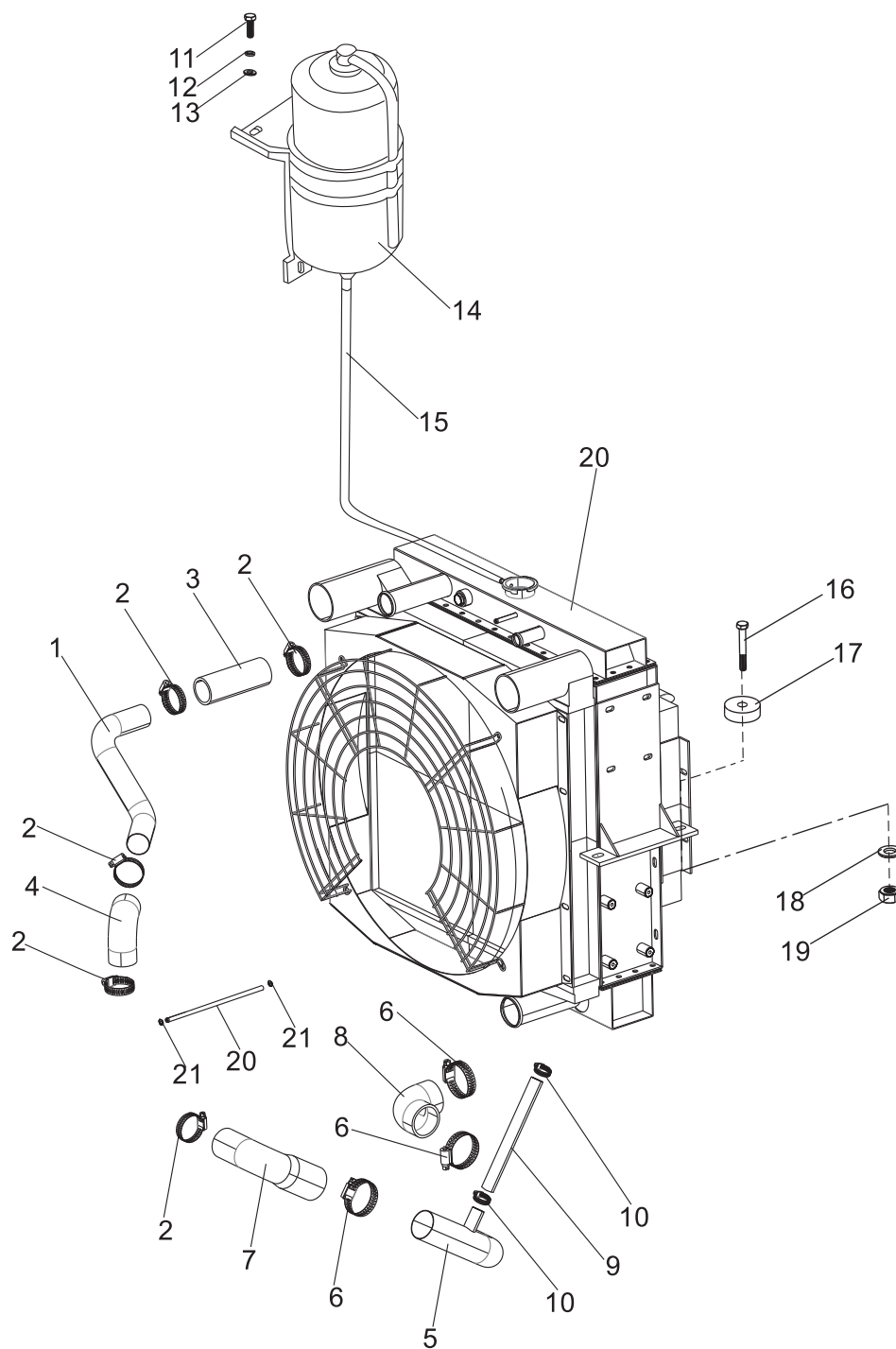
Cooling system

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
1	A50G5-40001	Hose	1	
2	TK000-38057	38~57 Clip	4	
3	A50G5-40200	Pipe nipple	1	
4	A50G5-40002	Hose	1	
5	GB/T5783	M8×15 Bolt	3	
6	GB/T93	M8 Washer,lock	3	
7	GB/T97.1	M8 Washer	5	
8	A50A5-40100	Tank reserve ass'y	1	
9	TG000-08185	8×1850 Hose	1	
10	A30A5-40003	I Rubber	2	
11	A30A5-40004	II Rubber	2	
12	A30A5-40005	Bolt	2	
13	A30A5-20003	Plate	2	
14	GB/T889.1	M8 Nut	2	
15	A50G5-40100	Radiator ass'y	1	
16	A50A5-40210	Retainer	1	
17	GB/T5783	M8×15 Bolt	4	
18	GB/T93	M8 Washer,lock	4	

Cooling system

FD50,60,70,80-KMS2



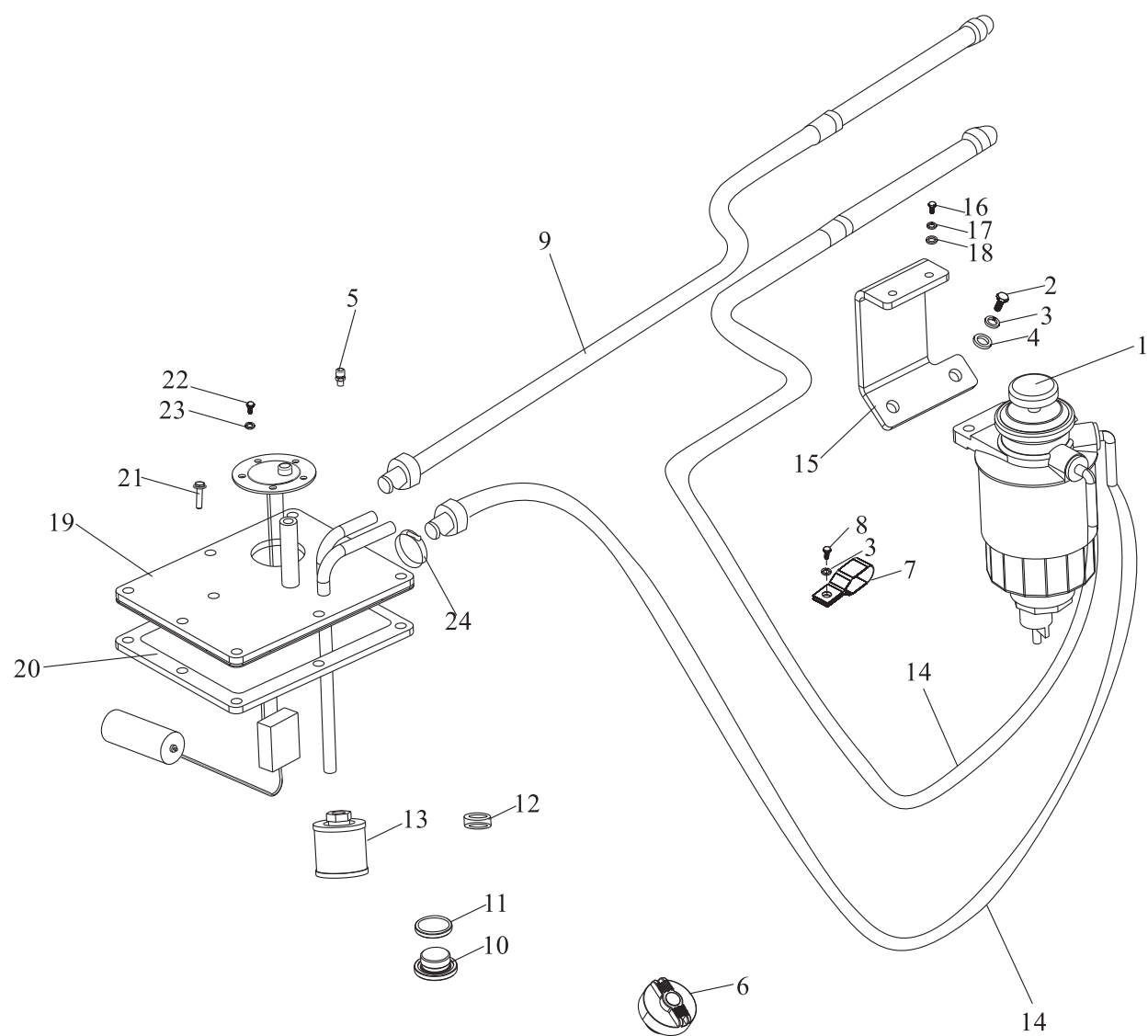
Cooling system

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	A90F5-40005	Hose	1	
2	TK000-44064	44~64 Clip	5	
3	A90F5-40004	Connect hose	1	
4	A90F5-40006	Hose	1	
5	A90F5-40001	Hose	1	
6	TK000-51070	51~70 Clip	3	
7	A90F5-40002	I Hose	1	
8	A90F5-40003	II Hose	1	
9	TG000-25150	25×1500 Hose	1	
10	TK000-25038	25~38 Clip	2	
11	GB/T5783	M8×15 Bolt	3	
12	GB/T93	M8 Washer,lock	3	
13	GB/T97.1	M8 Washer	3	
14	A50A5-40100	Tank reserve ass'y	1	
15	TG000-08100	M8×1000 Hose	1	
16	GB/T5782	M12×50 Bolt	4	
17	A30A5-20001	Rubber	4	
18	GB/T97.1	M12 Washer	4	
19	GB/T889.1	M12 Nut	4	
20	A50K5-40100	Radiator ass'y	1	
21	TG000-08050	8×500 Hose	1	
22	TK000-10016	10~16 Clip	2	

Fuel system

FD50,60,70,80-CY1/W3/YC2/S3



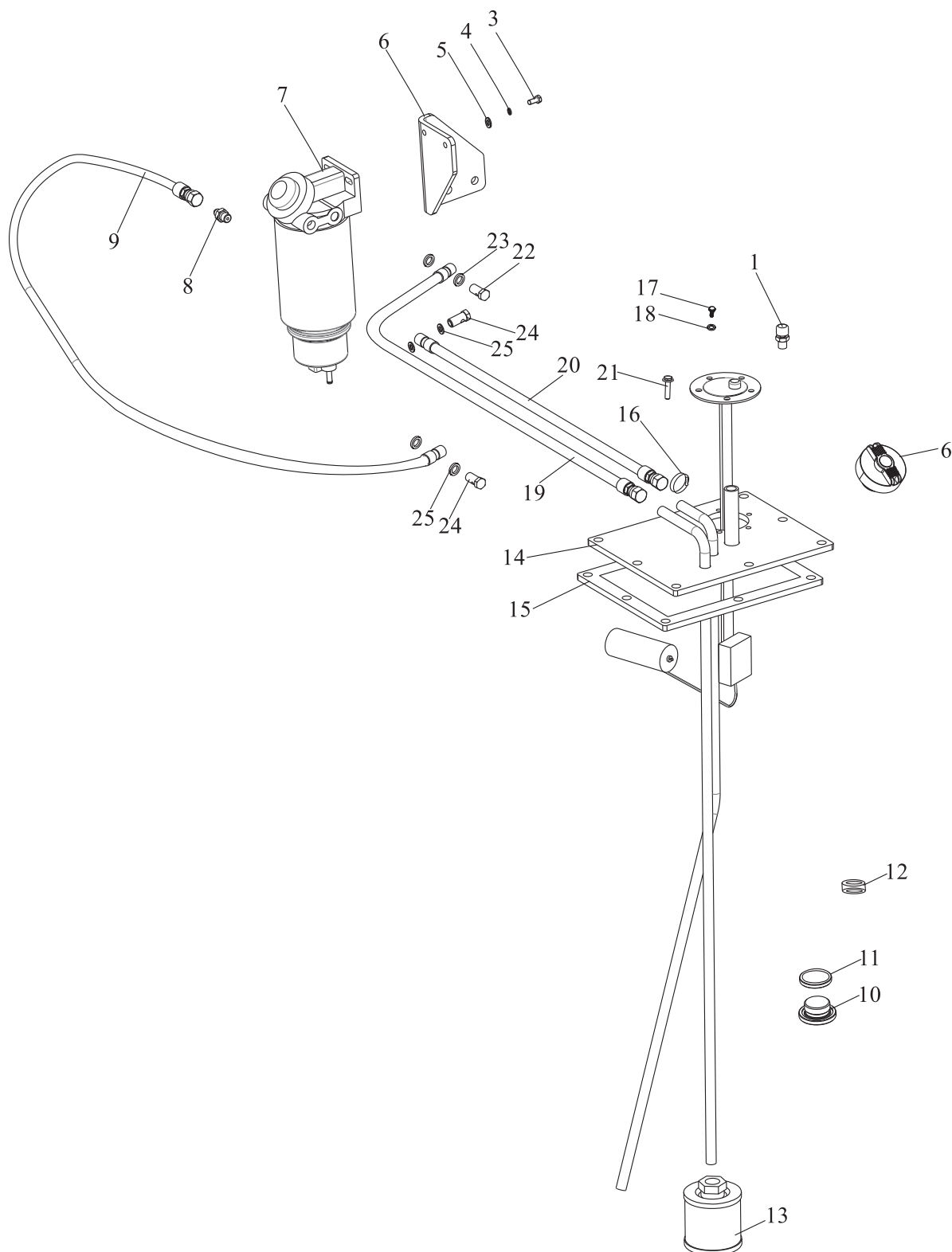
Fuel system

FD50,60,70,80-CY1/W3/YC2/S3

Item	Part No	Description	Q'ty	Remark
1	A30A5-30300	D×200MT Sedimenter	1	
2	GB/T5783	M10×20 Bolt	2	
3	GB/T93	M10 Washer,Lock	3	
4	GB/T97.1	M10 Washer	2	
5	A45A5-30001	Z 1/8 " Cypriot ventilation	1	
6	A30A5-30100	Cap	1	
7	D30A1-11008	5 Clip	1	
8	GB/T5783	M10×15 Bolt	1	
9	TG000-10130	10×1300 Tube	1	
10	A30A4-50002	Plug,drain	1	
11	A30A4-50004	ED 26 Washer	1	
12	A30A4-50003	Magnet	2	
13	A30A5-30400	Sedimenter	1	
14	TG000-10200	10×2000 Tube	2	
15	A50C5-30001	Sedimenter bracket	1	
16	GB/T5783	M8×25 Bolt	2	
17	GB/T93	8 Washer,Lock	2	
18	GB/T97.1	8 Washer	2	
19	A50A5-30300	Plate	1	
20	A50A5-30001	Packing	1	
21	GB/T5787	M8×16 Bolt	8	
22	GB/T818	M5×12 Bolt	5	
23	GB/T93	5 Washer,Lock	5	
24	TK000-13019	13- 19 Clip	6	

Fuel system

FD50,60,70,80-KMS2



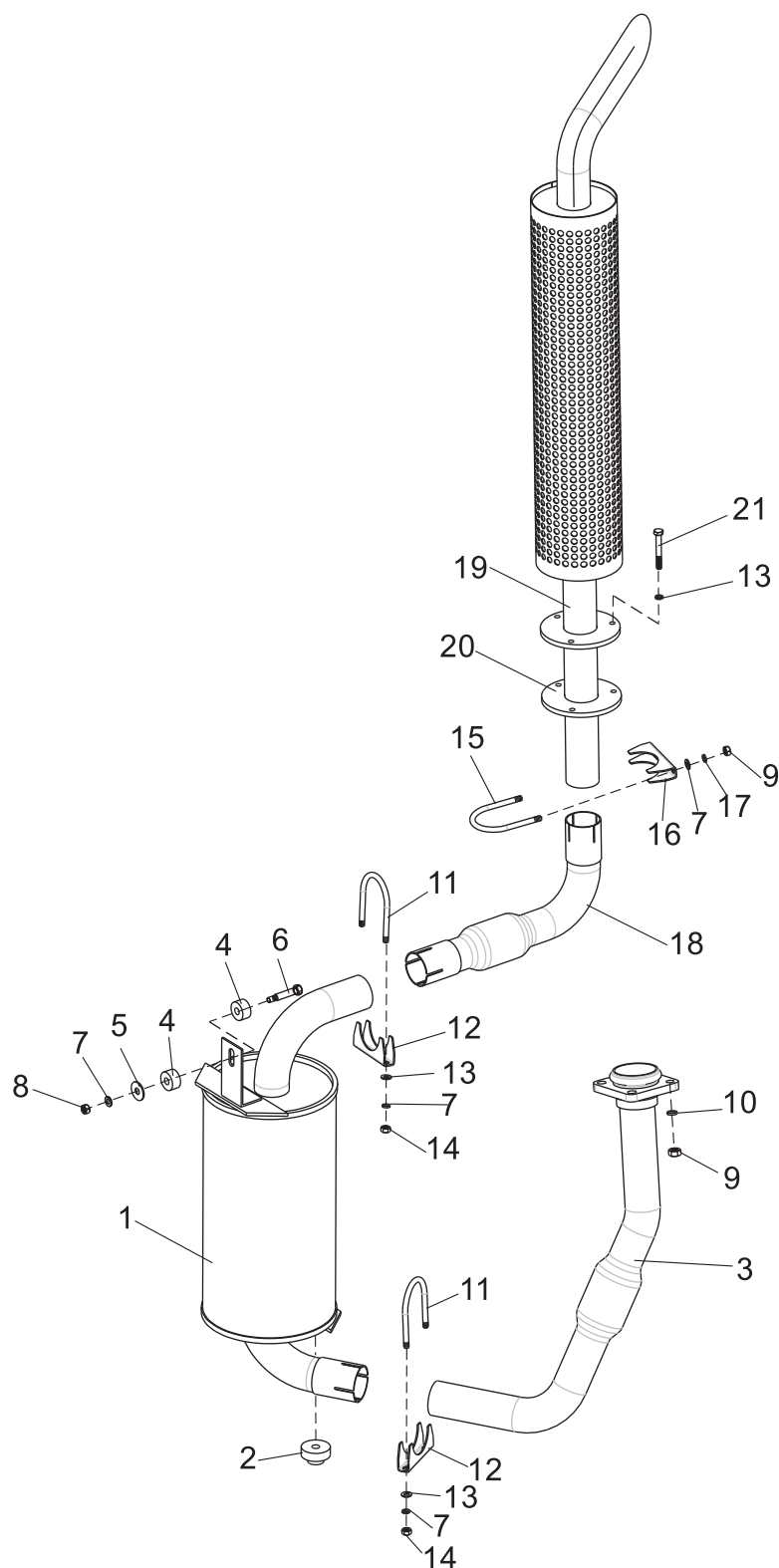
Fuel system

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	A45A5-30001	Z 1/8 " Cypriot ventilation	1	
2	A30A5-30100	Cap	1	
3	GB/T5783	M8×30 Bolt	2	
4	GB/T93	8 Washer,Lock	2	
5	GB/T97.1	8 Washer	2	
6	A90F5-30001	Sedimenter bracket	1	
7	A90F5-30006	Joint	1	
8	A90F5-30100	Sedimenter	1	
9	A90F5-30003	II Tube	1	
10	A30A4-50002	Plug,drain	1	
11	A30A4-50004	ED 26 Washer	1	
12	A30A4-50003	Magnet	2	
13	A30A5-30400	Sedimenter	1	
14	A90C5-30100	Plate	1	
15	A50A5-30001	Packing	1	
16	TK000-13019	13- 19 Clip	4	
17	GB/T818	M5×12 Bolt	5	
18	GB/T93	5 Washer,Lock	5	
19	A90F5-30002	I Tube	1	
20	A90F5-30007	Tube	1	
21	GB/T5787	M8×20 Bolt	8	
22	A90F5-30004	M14 Bolt	1	
23	JB982	14 Packing	2	
24	A90F5-30005	M12 Bolt	2	
25	JB982	12 Packing	4	

Exhaust system

FD50,60,70,80-CY1/W3



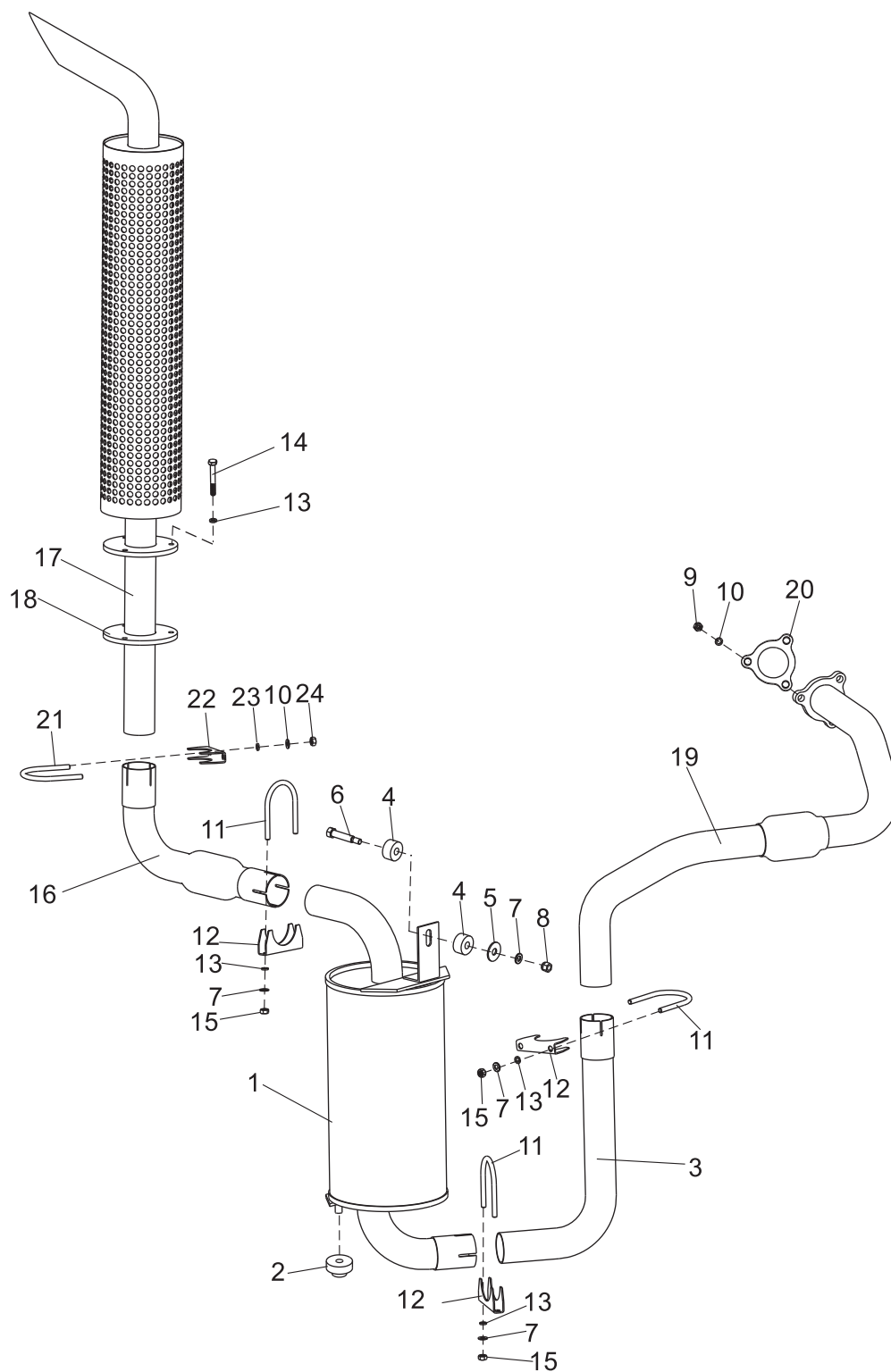
Exhaust system

FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
1	A50C5-20300	Muffler	1	
2	A30A5-40003	I Rubber	1	
3	A50A5-20100	Front pipe ass'y	1	
4	A30A5-20001	Rubber	2	
5	A30A5-20003	Washer	1	
6	A30A5-20002	Bolt	1	
7	GB/T97.1	M8 Washer	5	
8	GB/T889.1	M8 Nut	1	
9	GB/T6170	M10 Nut	8	
10	GB/T93	M10 Washer, lock	8	
11	A50A5-20202	U-Bolt	2	
12	A50A5-20201	Stopper	2	
13	GB/T93	M8 Washer, lock	7	
14	GB/T6170	M8 Nut	4	
15	A90C5-20502	U-Bolt	1	
16	A90C5-20501	Stopper	1	
17	GB/T97.1	M10 Washer	2	
18	A50C5-20100	Exhaust takeover	1	
19	A90D1-20100	High exhaust	1	
20	A50C5-10005	Rubber pad	1	
21	GB/T5783	M8×25 Bolt	3	

Exhaust system

FD50,60,70,80-S3



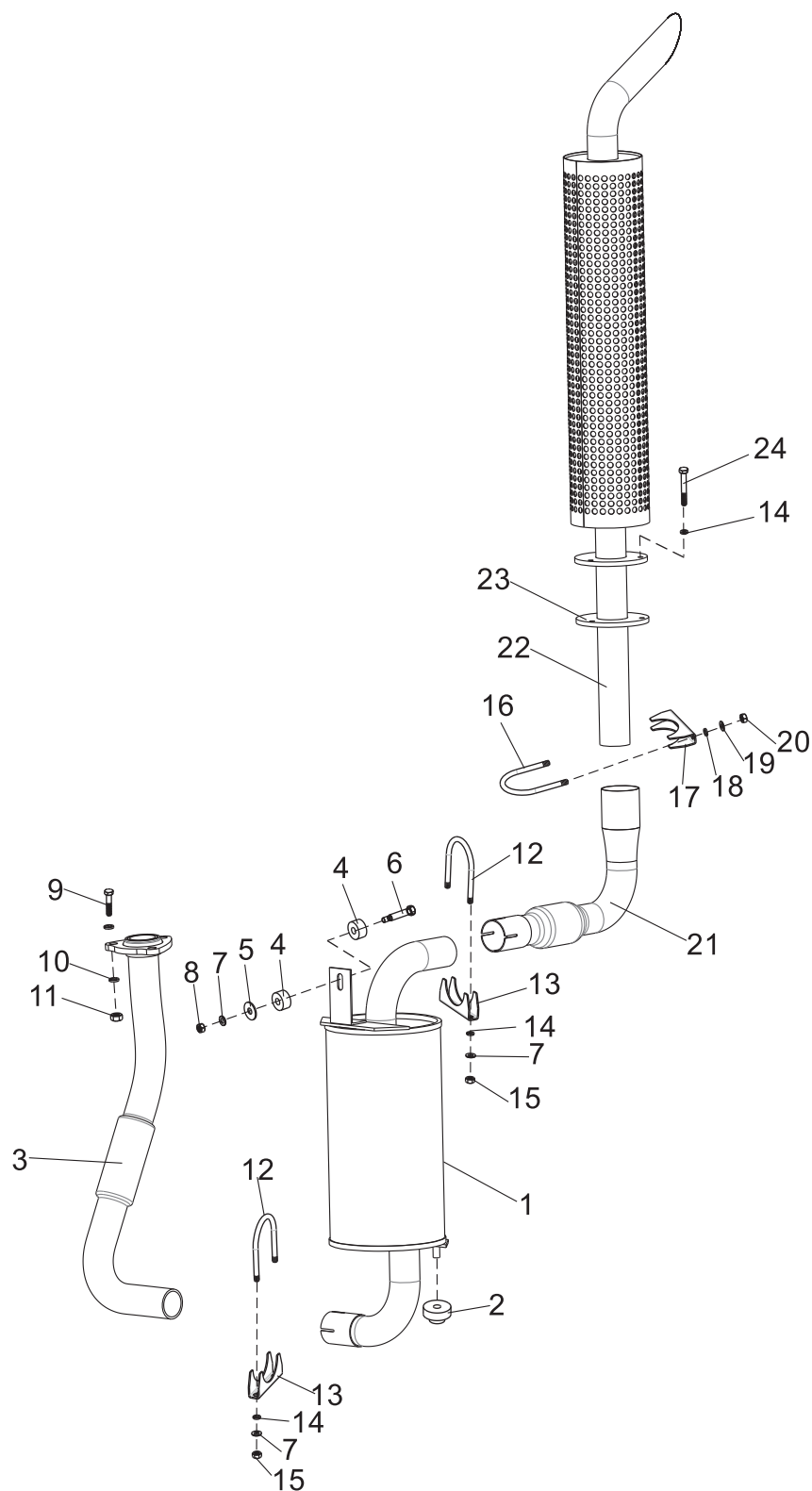
Exhaust system

FD50,60,70,80-S3

Item	Part No	Description	Q'ty	Remark
1	A50E5-20200	Muffler	1	
2	A30A5-40003	I Rubber	1	
3	A50E5-20001	Exhaust takeover	1	
4	A30A5-20001	Rubber	2	
5	A30A5-20003	Washer	1	
6	A30A5-20002	Bolt	1	
7	GB/T97.1	M8 Washer	7	
8	GB/T889.1	M8 Nut	1	
9	GB/T6171	M10×1.25 Nut	3	
10	GB/T93	M10 Washer, lock	5	
11	A50A5-20202	U-Bolt	3	
12	A50A5-20201	Stopper	3	
13	GB/T93	M8 Washer, lock	9	
14	GB/T5783	M8×25 Bolt	3	
15	GB/T6170	M8 Nut	6	
16	A50C5-20100	Exhaust takeover	1	
17	A90D1-20100	High exhaust	1	
18	A50C5-10005	Rubber pad	1	
19	A50E5-20100	Pipe ass'y	1	
20	A50E5-20002	Rubber	1	
21	A90C5-20502	U-Bolt	1	
22	A90C5-20501	Stopper	1	
23	GB/T97.1	M10 Washer	2	
24	GB/T6170	M10 Nut	2	

Exhaust system

FD50,60,70,80-YC2



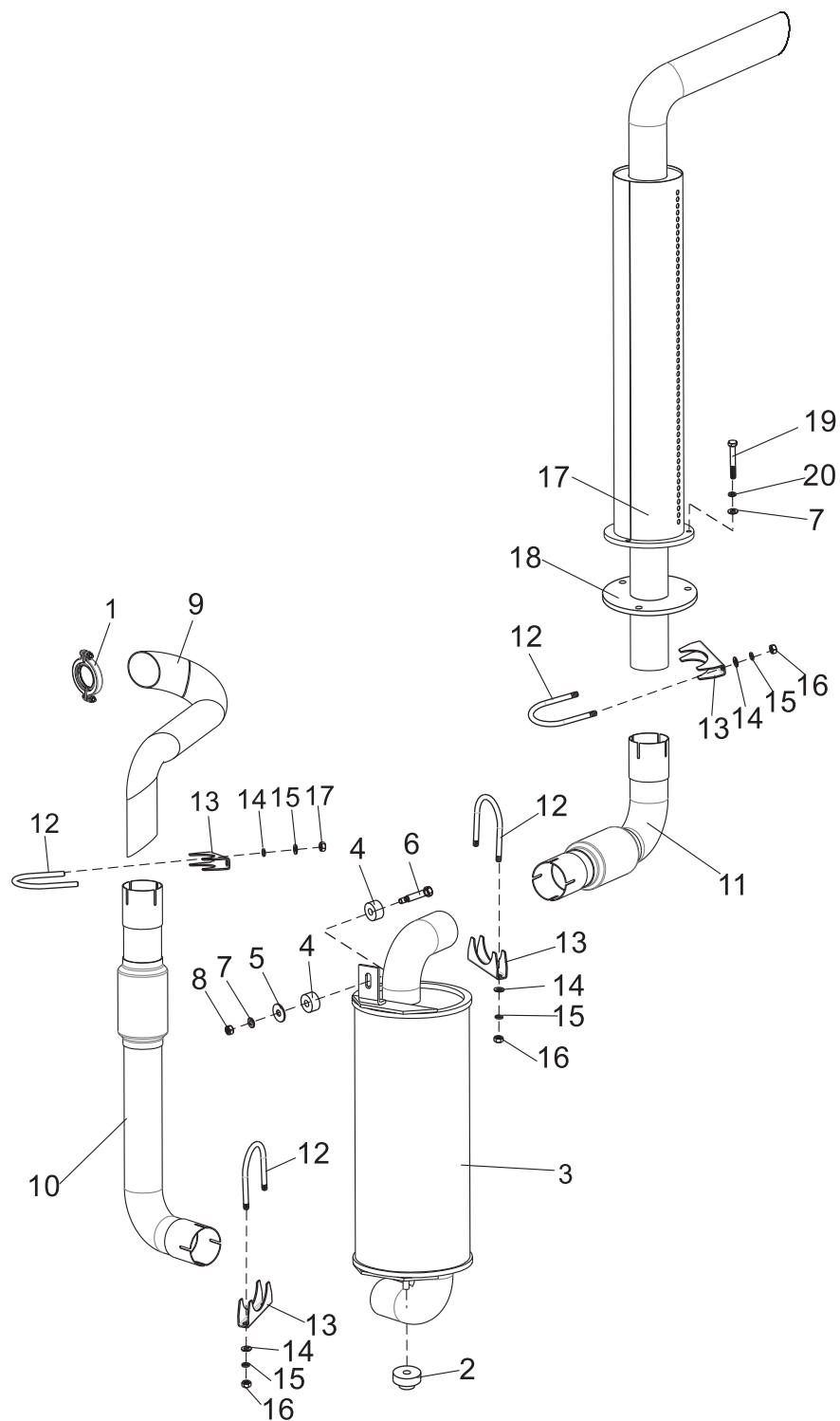
Exhaust system

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
1	A50G5-20300	Muffler	1	
2	A30A5-40003	I Rubber	1	
3	A50G5-20100	Front pipe ass'y	1	
4	A30A5-20001	Rubber	2	
5	A30A5-20003	Washer	1	
6	A30A5-20002	Bolt	1	
7	GB/T97.1	M8 Washer	5	
8	GB/T889.1	M8 Nut	1	
9	GB/T5783	M12×40 Bolt	3	
10	GB/T93	M12 Washer, lock	6	
11	GB/T6170	M12 Nut	3	
12	A50A5-20202	U-Bolt	2	
13	A50A5-20201	Stopper	1	
14	GB/T93	M8 Washer, lock	7	
15	GB/T6170	M8 Nut	4	
16	A90C5-20502	U-Bolt	1	
17	A90C5-20501	Stopper	1	
18	GB/T93	M10 Washer, lock	2	
19	GB/T97.1	M10 Washer	2	
20	GB/T6170	M10 Nut	2	
21	A50C5-20100	Exhaust takeover	1	
22	A90D1-20100	High exhaust	1	
23	A50C5-10005	Rubber pad	1	
24	GB/T5783	M8×25 Bolt	3	

Exhaust system

FD50,60,70,80-KMS2



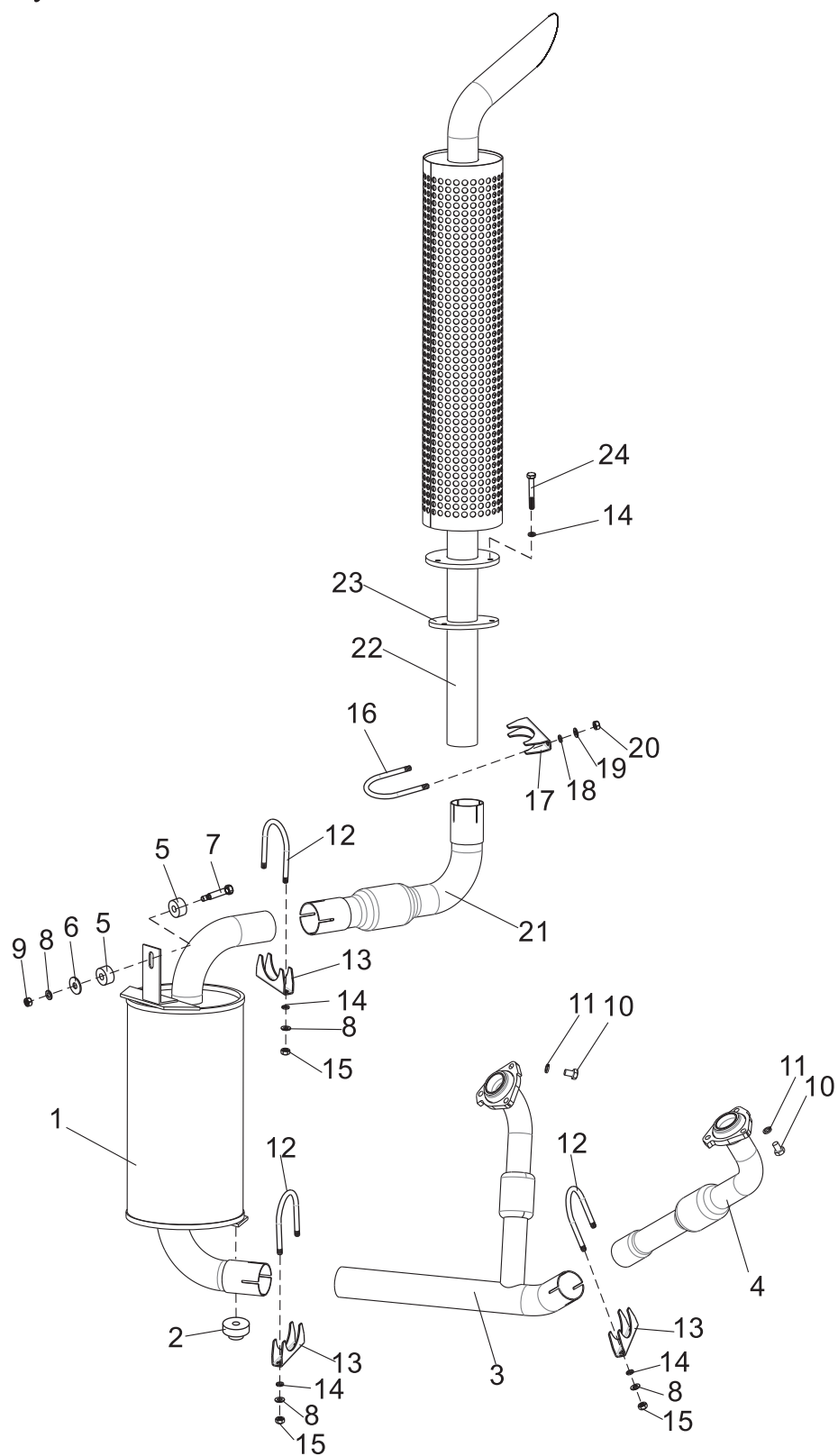
Exhaust system

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	A120A5-20001	Pipe clamp (V)	1	
2	A30A5-40003	I Rubber	2	
3	A50K5-20100	Muffler	1	
4	A30A5-20001	Rubber	2	
5	A30A5-20003	Washer	1	
6	A30A5-20002	Bolt	1	
7	GB/T97.1	M8 Washer	4	
8	GB/T889.1	M8 Nut	1	
9	A50K5-20200	Exhaust pipe	1	
10	A50K5-2300	I Exhaust takeover	1	
11	A50K5-20400	II Exhaust takeover	1	
12	A120A5-20502	U-Bolt	3	
13	A120A5-20501	Stopper	3	
14	GB/T93	M10 Washer, lock	6	
15	GB/T97.1	M10 Washer	6	
16	GB/T6170	M10 Nut	6	
17	A120A5-20600	High exhaust	1	
18	A50C5-10005	Rubber pad	1	
19	GB/T5783	M8×20 Bolt	3	
20	GB/T93	M8 Washer, lock	3	

Exhaust system

FY50,60,70,80-G3



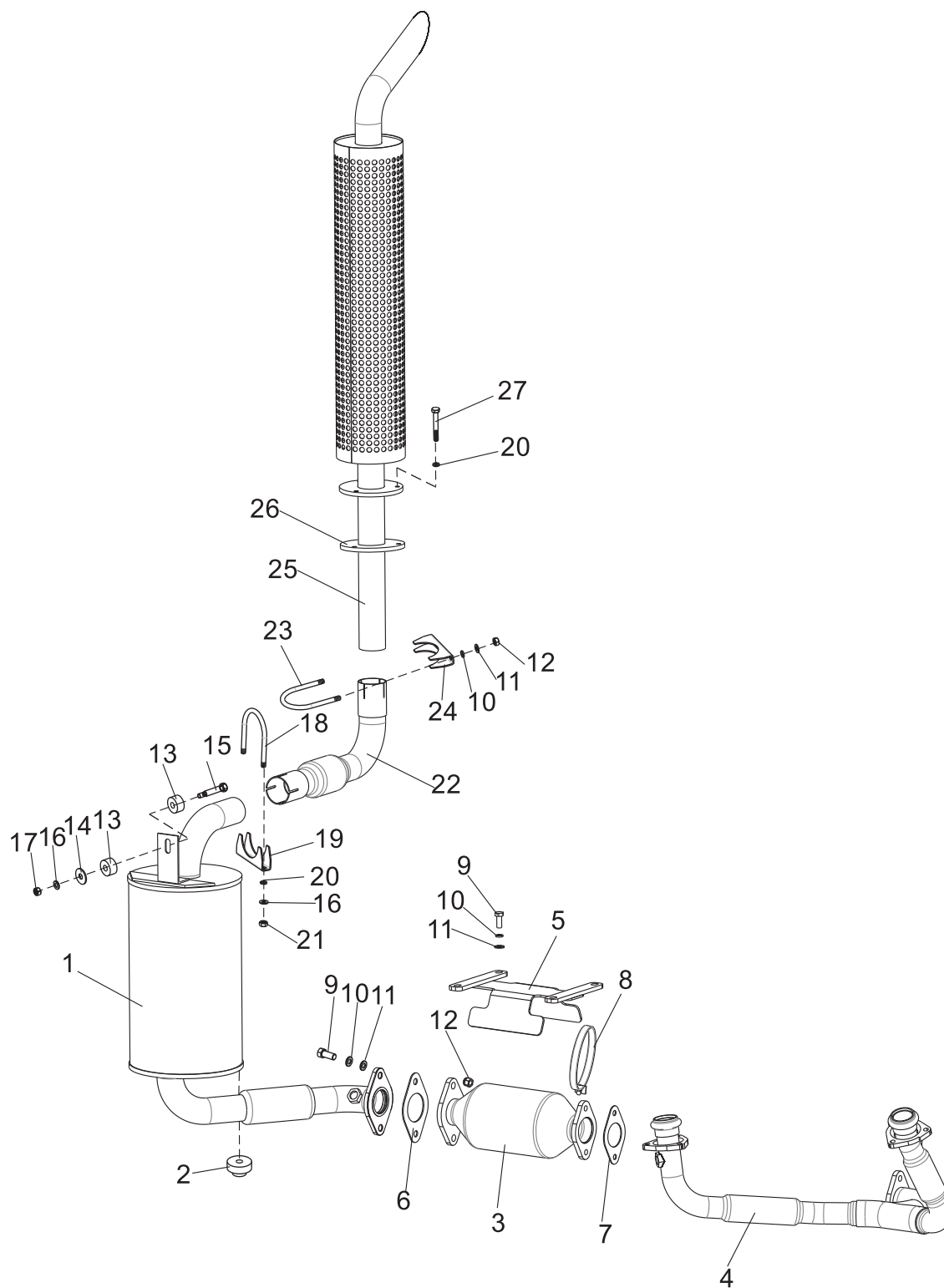
Exhaust system

FY50,60,70,80-G3

Item	Part No	Description	Q'ty	Remark
1	A50F5-20300	Muffler	1	
2	A30A5-40003	I Rubber	1	
3	A50F5-20200	Front pipe ass'y	1	
4	A50F5-20100	Front pipe ass'y	1	
5	A30A5-20001	Rubber	2	
6	A30A5-20003	Washer	1	
7	A30A5-20002	Bolt	1	
8	GB/T97.1	M8 Washer	7	
9	GB/T889.1	M8 Nut	1	
10	GB/T5786	M10×1.5×25 Bolt	6	
11	GB/T93	M10 Washer lock	6	
12	A50A5-20202	U-Bolt	3	
13	A50A5-20201	Stopper	3	
14	GB/T93	M8 Washer, lock	9	
15	GB/T6170	M8 Nut	6	
16	A90C5-20502	U-Bolt	1	
17	A90C5-20501	Stopper	1	
18	GB/T93	M10 Washer, lock	2	
19	GB/T97.1	M10 Washer	2	
20	GB/T6170	M10 Nut	2	
21	A50C5-20100	Exhaust takeover	1	
22	A90D1-20100	High exhaust	1	
23	A50C5-10005	Rubber pad	1	
24	GB/T5783	M8×25 Bolt	3	

Exhaust system

FY50,60,70,80-G4

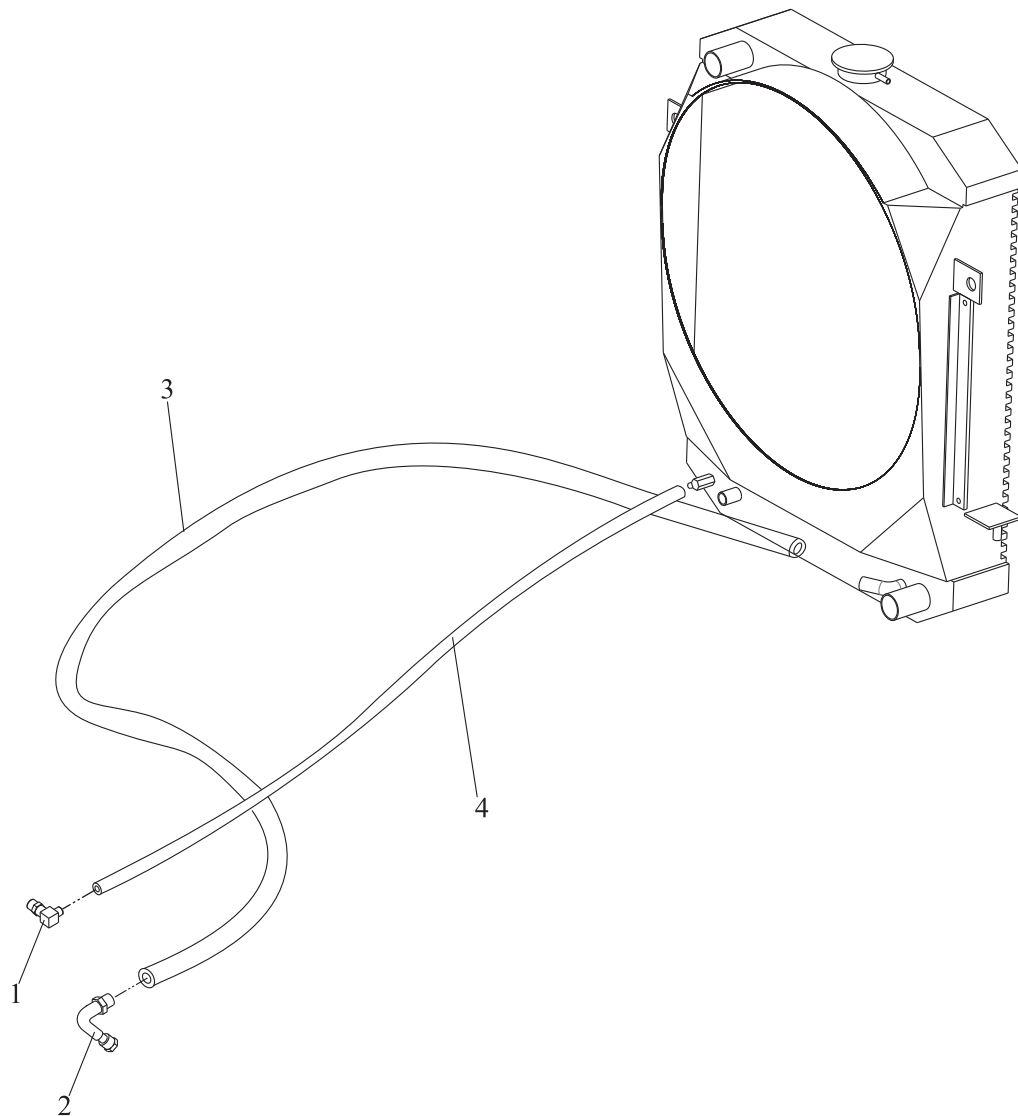


Exhaust system

FY50,60,70,80-G4

Item	Part No	Description	Q'ty	Remark
1	A50I5-20100	Muffler	1	
2	A30A5-40003	I Rubber	1	
3		Three-way catalyst	1	
4	A50I5-20600	Pipe ass'y	1	
5	A50I5-20200	Fixed plate	1	
6	A50I5-20002	Washer	1	
7	A50I5-20001	Washer	1	
8	TK000-130150	130-150 Clamp	2	
9	GB/T5786	M10×25 Bolt	8	
10	GB/T93	10 Washer, lock	10	
11	GB/T97.1	10 Washer	10	
12	GB/T6170	M10 Nut	6	
13	A30A5-20001	Rubber	2	
14	A30A5-20003	Washer	1	
15	A30A5-20002	Bolt	1	
16	GB/T97.1	8 Washer	3	
17	GB/T889.1	M8 Nut	1	
18	A50A5-20202	U-Bolt	1	
19	A50A5-20201	Stopper	1	
20	GB/T93	8 Washer, lock	5	
21	GB/T6170	M8 Nut	2	
22	A50C5-20100	Exhaust takeover	1	
23	A90C5-20502	U-Bolt	1	
24	A90C5-20501	Stopper	1	
25	A90D1-20100	High exhaust	1	
26	A50C5-10005	Rubber pad	1	
27	GB/T5783	M8×25 Bolt	3	

Tor-con oil cooling system FD50,60,70,80-CY1/W3/S3/YC2
FY50,60,70,80-G3/G4

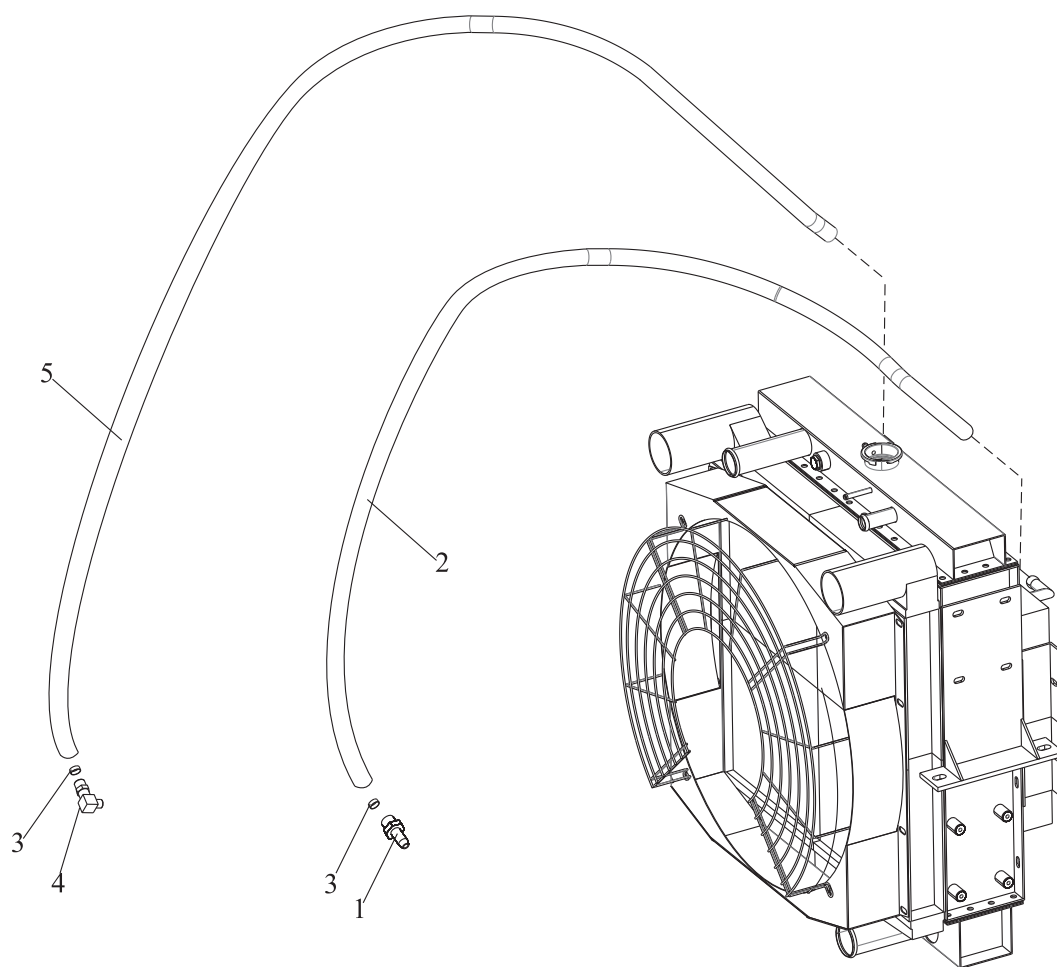


Tor-con oil cooling system

FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
1	GJT-374-00	Nipple	1	
2	GJT-414-00	135° Nipple	1	
3	TG000-19143*G	19×1430 Hose	1	FD/Y50,60,70,80-CY1/W3/S3/YC2/G3
-	TG000-19130*G	19×1300 Hose	1	FY50,60,70,80-G4
4	TG000-19245*G	19×2450 Hose	1	FD/Y50,60,70,80-CY1/W3/S3/YC2/G3
-	TG000-19215*G	19×2150 Hose	1	FY50,60,70,80-G4

Tor-con oil cooling system FD50,60,70,80-KMS2

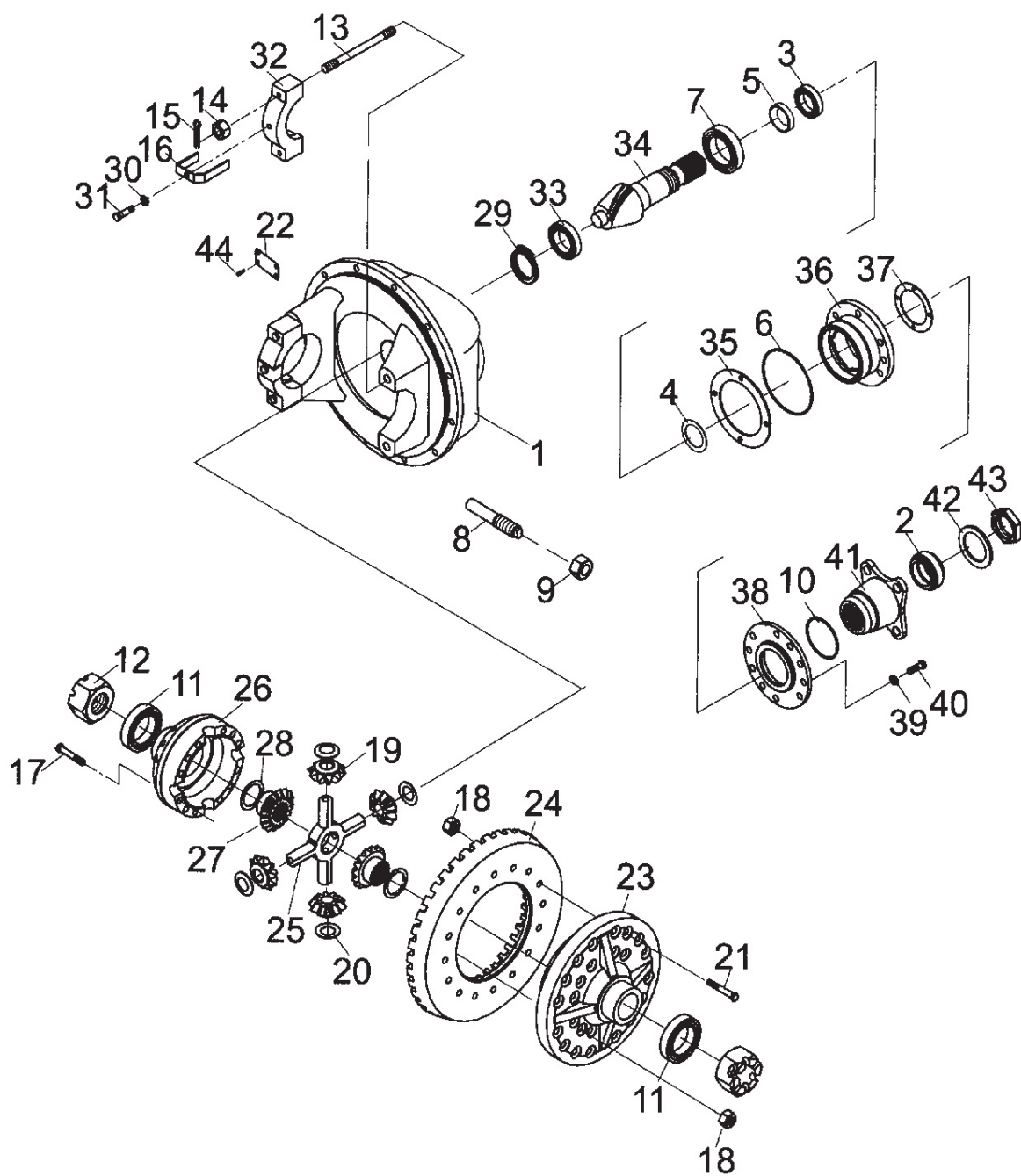


Tor-con oil cooling system FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	GJT-111-00	Nipple	1	
2	TG000-19250	19×2500 Hose	1	
3	TK000-16025	16-25 Clamp	4	
4	GJT-104-00	Nipple	1	
5	TG000-19200	19×2000 Hose	1	

DRIVING SYSTEM

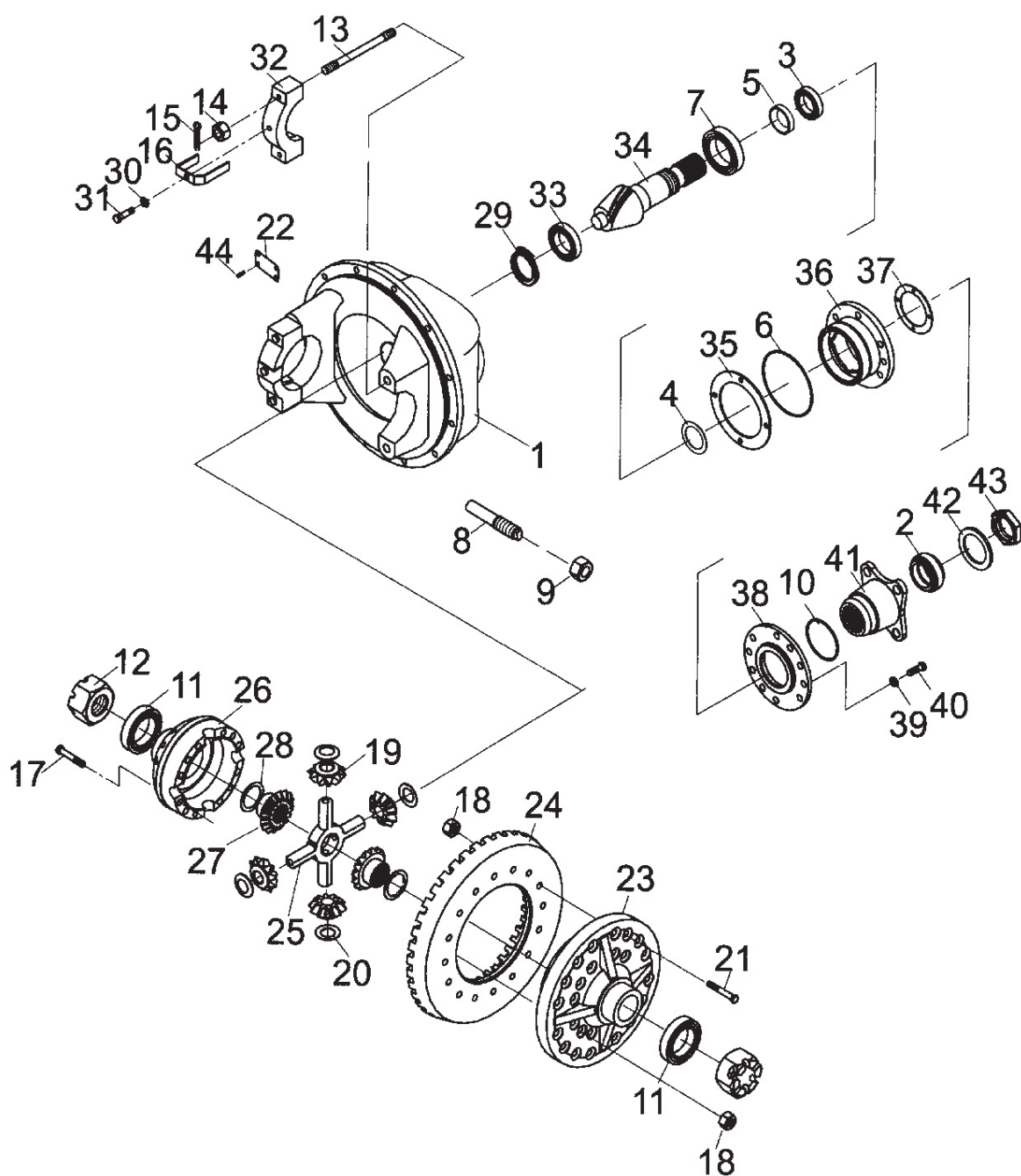
Reduction&Differential



Reduction&Differential

Item	Part No	Description	Q'ty	Remark
A	A50A5-00700	Differential unit	1	
1	A50A5-00701	Carrier	1	
2	A50A5-00702	SG70×95×12 Oil seal	1	
3	GB/T297	27310E Bearing	1	
4	A50A5-00703	Washer, thrust	按需 AR	
5	A50A5-00704	Piece distance	1	
6	GB/T1235	140X3.1 O-ring	1	
7	GB/T297	2731E Bearing	1	
8	A50A5-00705	Bolt ass'y	1	
9	GB/T6173-2000	M22×1.5 Nut	1	
10	GB/T1235	40.64×5.34 O-ring	1	
11	GB/T297	7514E Bearing	2	
12	A50A5-00706	Nut	2	
13	A50A5-00707	Bolt	4	
14	A50A5-00708	Nut	4	
15	GB/T91	4×40 Pin cotter	4	
16	A50A5-00709	Lock adjuster	2	
17	A50A5-00710	Bolt	8	
18	GB/T6171	M14×1.5 Nut	20	
19	A50A5-00711	Gear, planet	4	
20	A50A5-00712	Washer, thrust	4	
21	A50A5-00713	Bolt	12	
22	A50A5-00714	Decal	1	
23	A50A5-00715	Case, L. H. cross	1	
24	A50A5-00716	Gear	1	

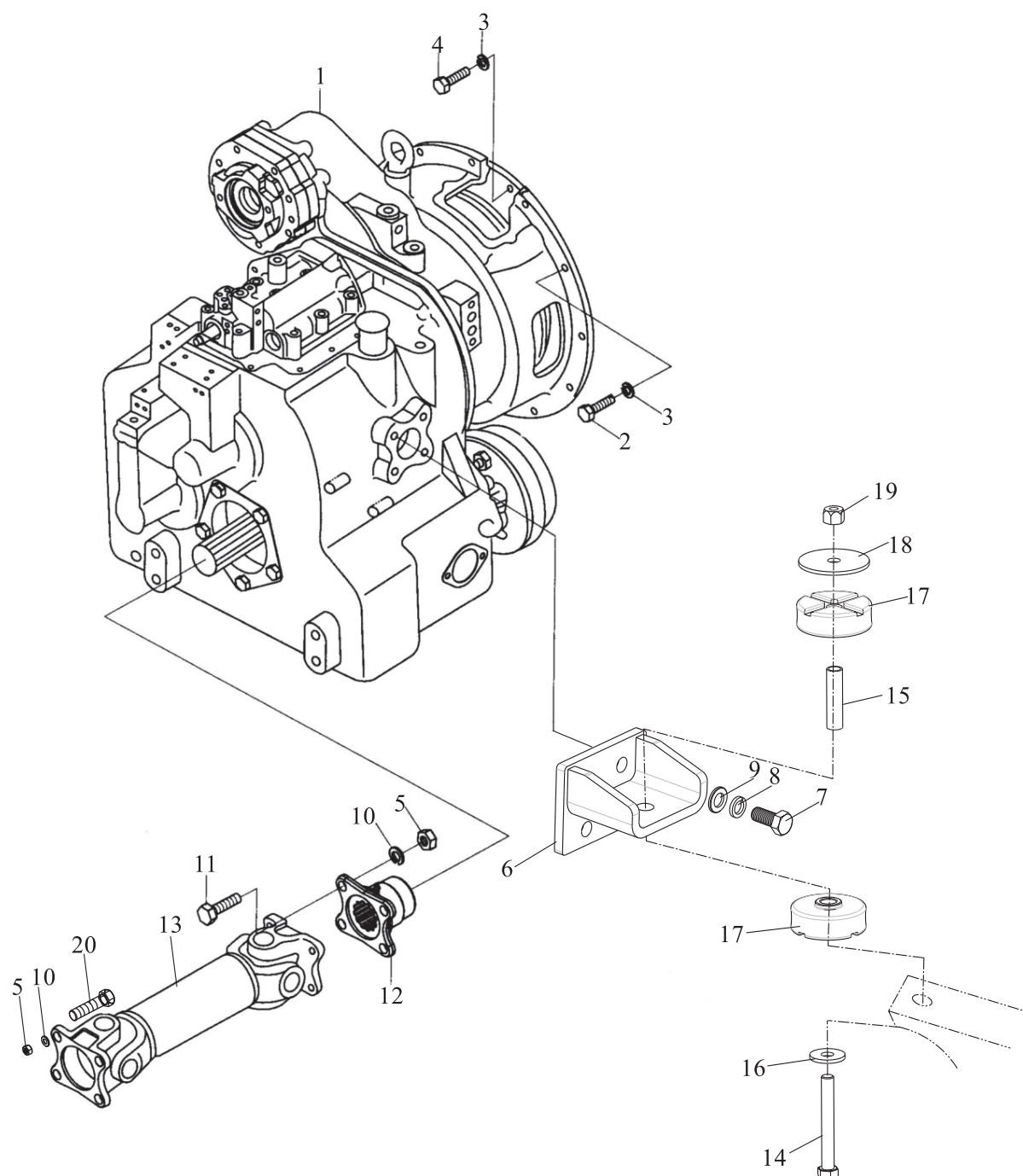
Reduction&Differential



Reduction&Differential

Item	Part No	Description	Q'ty	Remark
25	A50A5-00718	Spider	1	
26	A50A5-00719	Case, R. H. cross	1	
27	A50A5-00720	Gear side	2	
28	A50A5-00721	Washer, adjuster	AR	
29	GB/T894. 1	30 Snap ring	1	
30	GB/T93	10 Washer, lock	2	
31	GB/T5786	M10×1. 25×20 Bolt	2	
32	A50A5-00722	Cap	2	
33	A50A5-00723	Bearing taper roller	1	
34	A50A5-00724	Pinion drive	1	
35	A50A5-00725	Washer, thrust	AR	
36	A50A5-00726	Case	1	
37	A50A5-00727	Packing	1	
38	A50A5-00728	Retainer oil seal	1	
39	GB/T93	14 Washer, lock	6	
40	GB/T5785	M14×1. 5×50 Bolt	6	
41	A50A5-00730	Flang, companion	1	
42	A50A5-00731	Washer	1	
43	A50A5-00732	Lock nut	1	
44	GB/T827	3×4 Rivet	4	

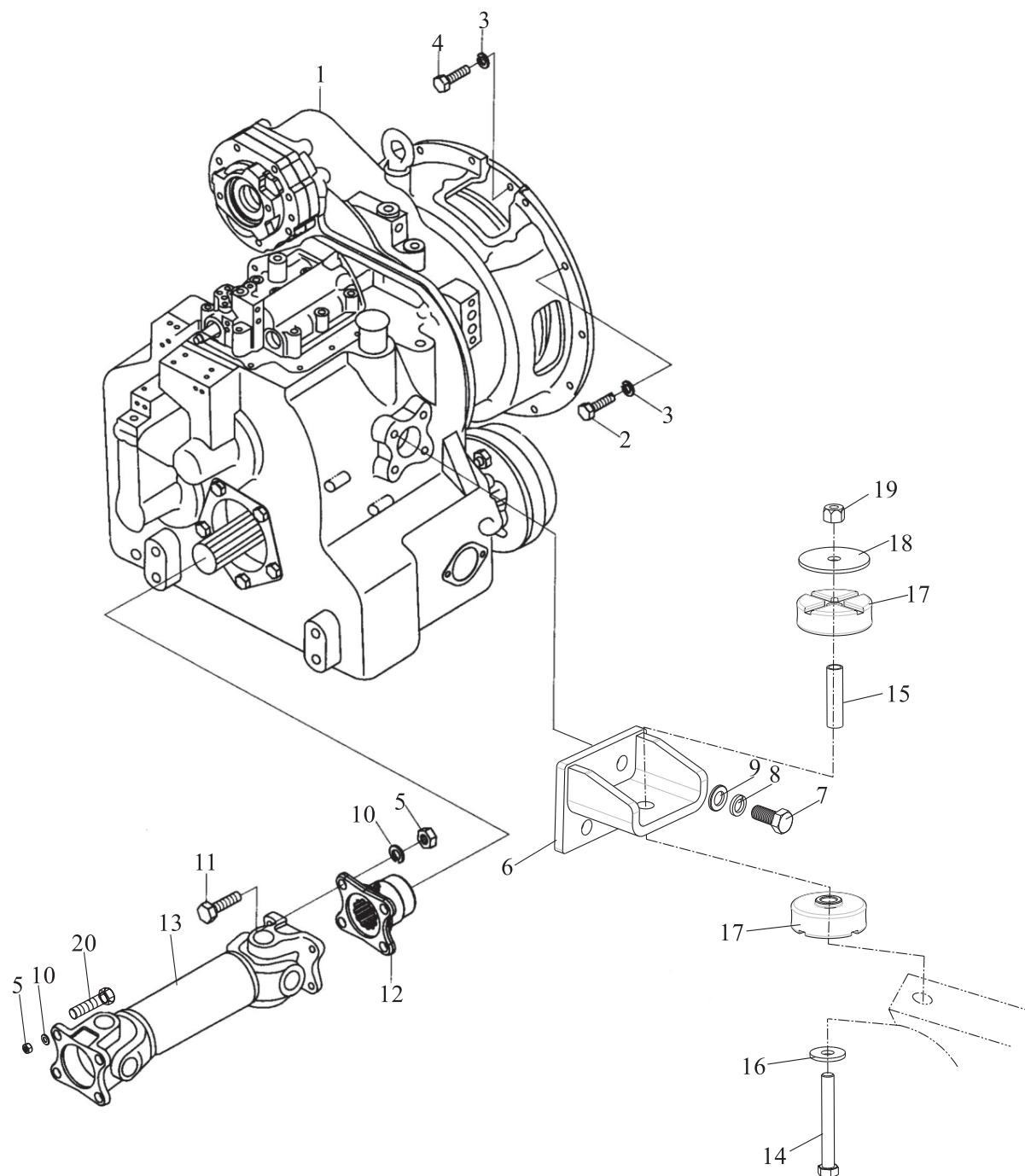
Drive unit mount



Drive unit mount

Item	Part No	Description	Q'ty	Remark
1	A50A5-00400	Drive unit	1	FD50,60,70,80-CY1/W3
-	A50A5-00800	Drive unit	1	FD50,60,70,80-CY1/W3
-	A50E5-00100	Drive unit	1	FD50,60,70,80-S3
-	A50E5-00300	Drive unit	1	FD50,60,70,80-S3
-	A50G5-00100	Drive unit	1	FD50,60,70,80-YC2
-	A50F5-00100	Drive unit	1	FY50,60,70,80-G3/G4
-	A90F5-00100	Drive unit	1	FD50,60,70,80-KMS2
-	A90F5-00200	Drive unit	1	FD50,60,70,80-KMS2
2	GB/T5783	M10×30 Bolt	12	FD50,60,70,80-CY1/W3/S3/YC2
-	GB/T5783	M10×35 Bolt	10	FY50,60,70,80-G3/G4
-	GB/T5783	M10×45 Bolt	12	FD50,60,70,80-KMS2
3	GB/T93	10 Washer, lock	22	FD/Y50,60,70,80-CY1/W3/S3/YC2/G3/G4
-	GB/T93	10 Washer, lock	16	FD50,60,70,80-KMS2
4	GB/T5783	M10×25 Bolt	10	
-	ANSIB1.1	3/8-16UNC×3/4" Bolt	6	
5	GB/T6171	M14×1.5 Nut	8	
6	A50A5-00500	Bracket, drive	2	
7	GB/T5786	M16×1.5×35 Bolt	8	
8	GB/T93	16 Washer, lock	8	
9	GB/T97.1	16 Washer	8	
10	GB/T93	14 Washer, lock	8	
11	A50A5-00001	Bolt	8	FD50,60,70,80-CY1/W3
-	A50A5-00001	Bolt	4	FD50,60,70,80-S3/YC2
12	A50A5-00401	Joint bushing	1	
13	A50A5-00300	Propeller shaft ass'y	1	
14	GB/T5782	M14×110×30 Bolt	2	

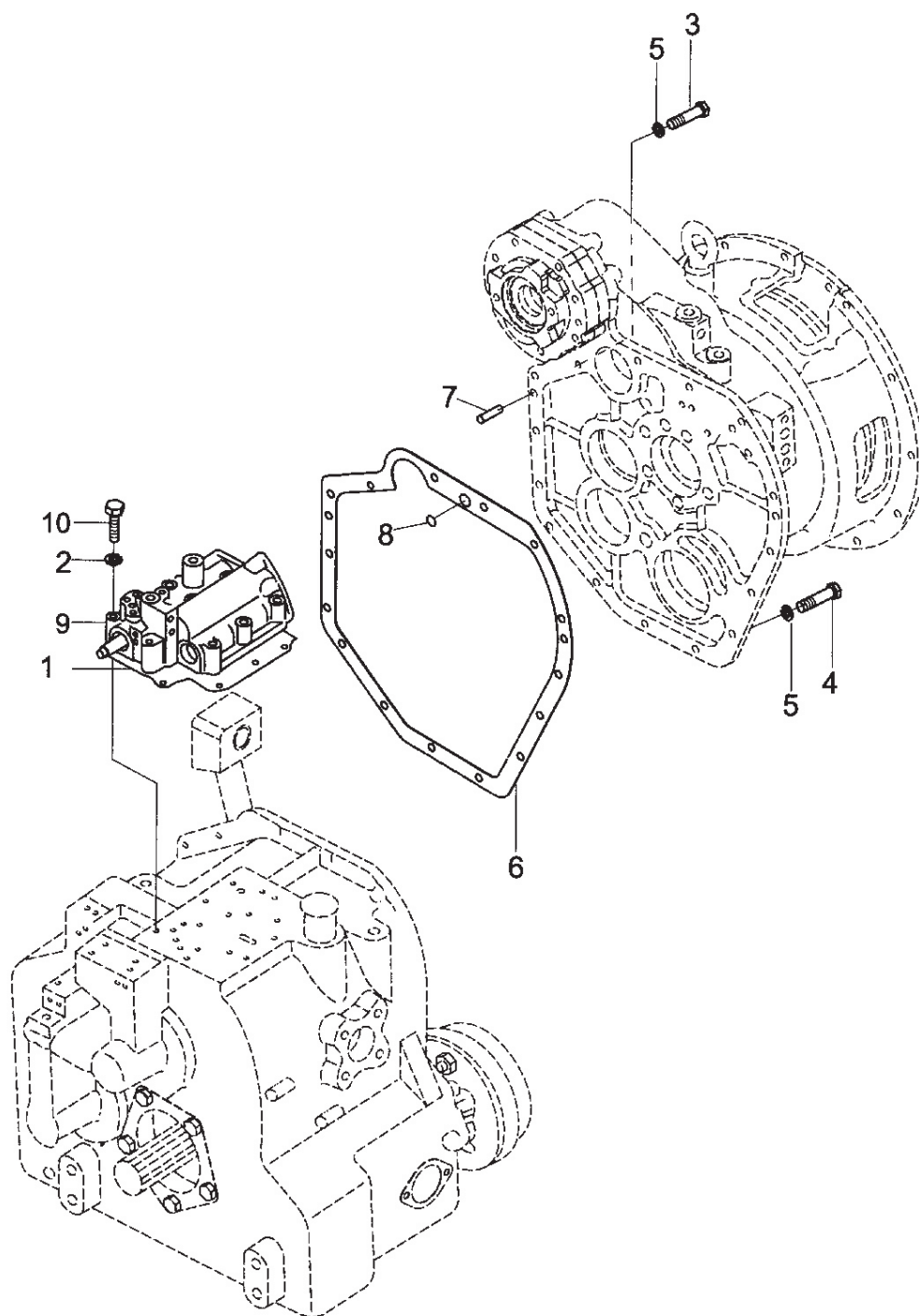
Drive unit mount



Drive unit mount

Item	Part No	Description	Q'ty	Remark
15	A50C5-00103	Plastic pipe	2	FD50,60,70,80-S3/YC2
16	A50C5-00102	Shim	2	
17	A50C5-00101	Cushion, rubber	4	
18	A50C5-00104	Shim	2	
19	GB/T6186	M14 Nut	2	
20	A50A5-00006	Bolt	4	

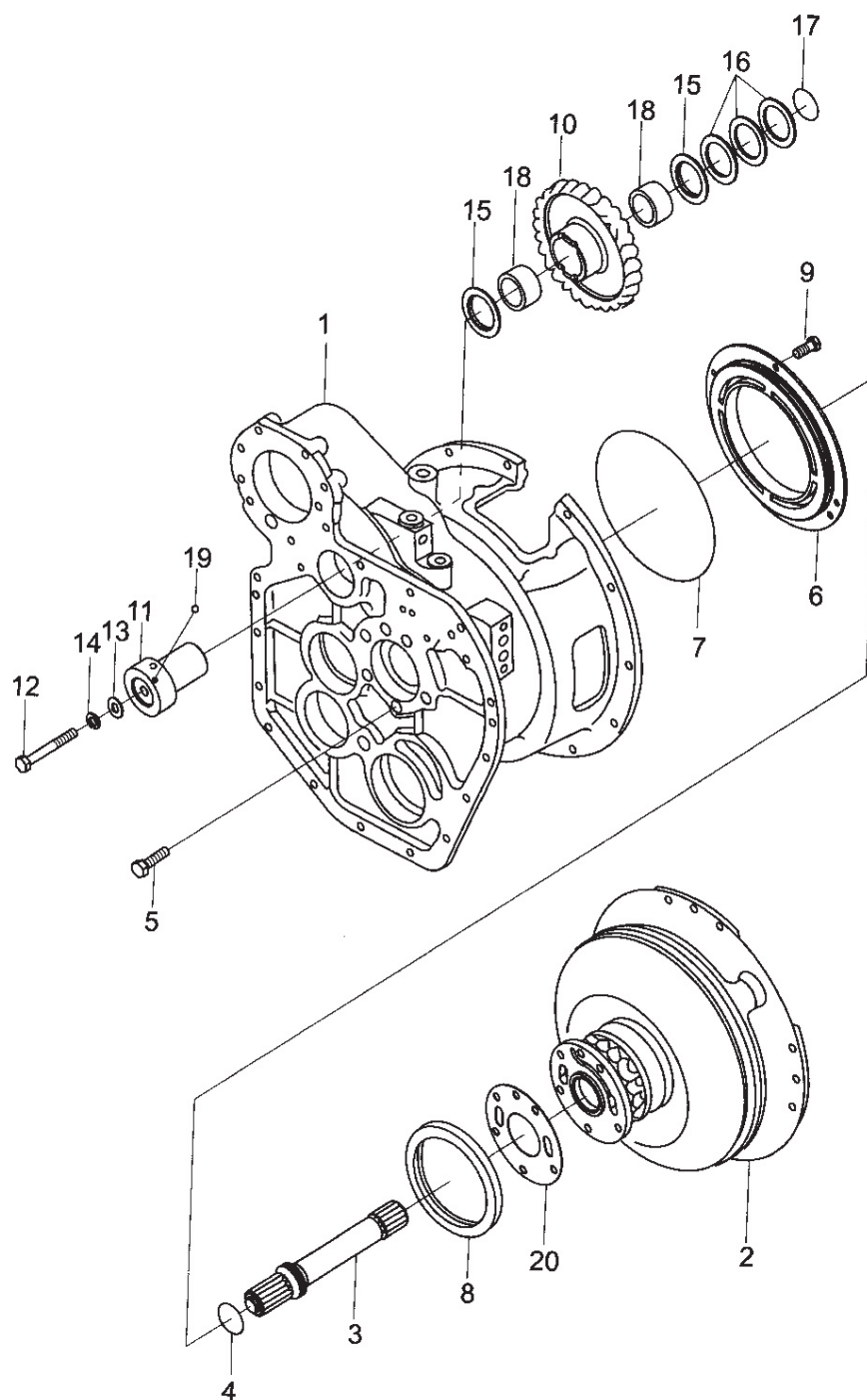
Drive unit



Drive unit

Item	Part No	Description	Q'ty	Remark
1	A50A5-00402	Gasket	1	
2	GB/T93-1987	8 Washer, lock	9	
3	GB/T5785	M10×1.25×65 Bolt	1	
4	GB/T5785	M10×1.25×30 Bolt	11	
5	GB/T93	10 Washer, lock	12	
6	A50A5-00403	Gasket	1	
7	GB/T119.1	B10×20 Pin	2	
8	GB/T1235	15×2.4 O-ring	1	
9	A50A5-00600	Control valve ass'y	1	
10	GB/T5782	M8×55 Bolt	9	

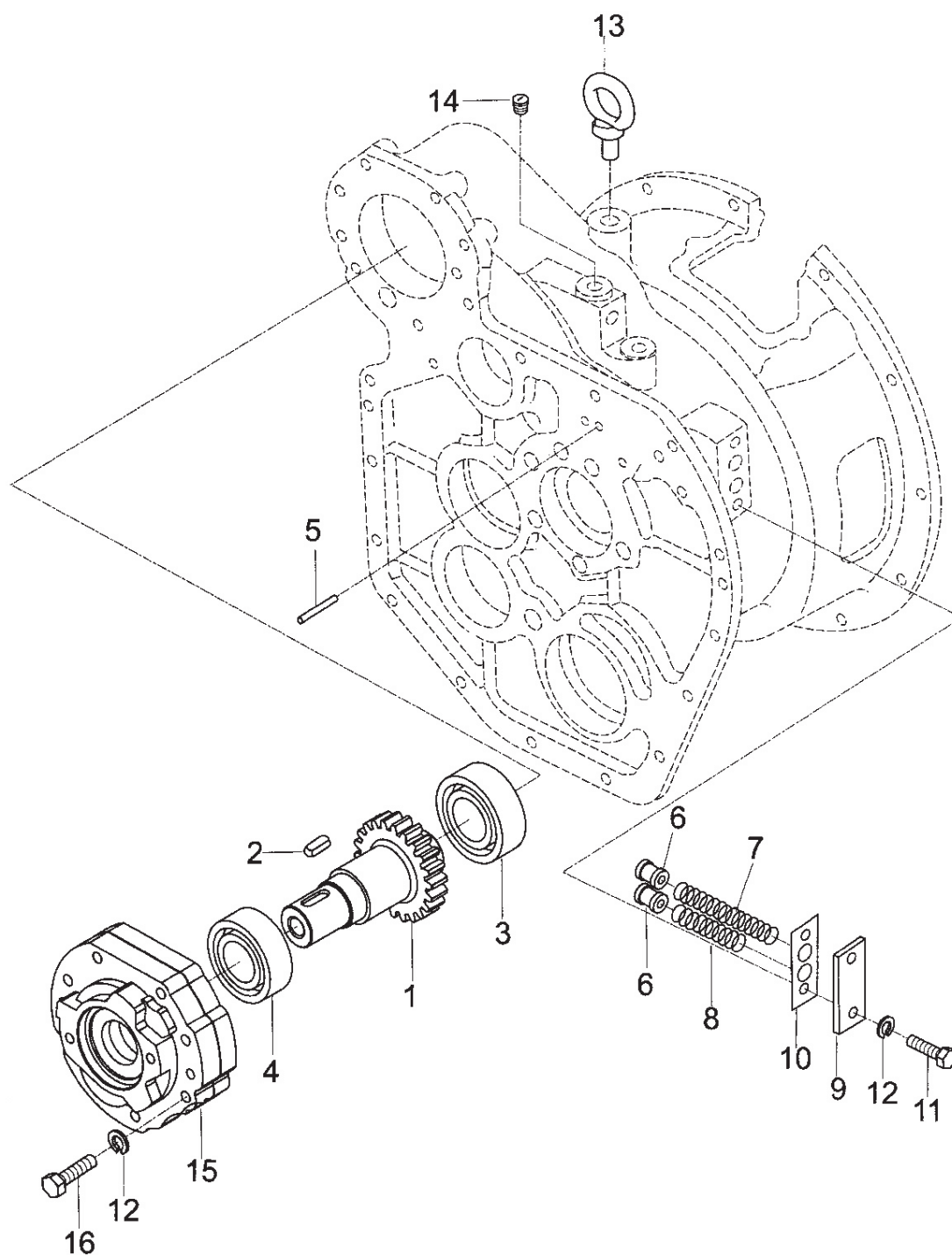
Torque-converter (1/2)



Torque-converter (1/2)

Item	Part No	Description	Q'ty	Remark
1	A50A5-03001	Case, tor-con	1	
2	A50A5-03000	Tor-con ass' t	1	
3	A50A5-03002	Shaft, turbin	1	
4	A50A5-03003	Ring, sed	1	
5	GB/T70	M10×50 Screw	6	
6	A50A5-03004	Back cover	1	
7	GB/T1235	220×5.7 O-ring	1	
8	A50A5-03005	SG130×60×15 Oil seal	1	
9	GB/T5785	M8×1×15 Bolt	3	
10	A50A5-03006	Gear	1	
11	A50A5-03007	Supper	1	
12	A50A5-03008	Bolt	1	
13	GB/T97.1	10 Washer	1	
14	GB/T93	10 Washer, lock	1	
15	A50A5-03009	Bearing	2	
16	A50A5-03010	Washer	3	
17	A50A5-03011	Shim	2	
18	A50A5-03012	Bearing	2	
19	GB/T308	1/4" Ball, steel	1	
20	A50A5-03013	Gasket	1	

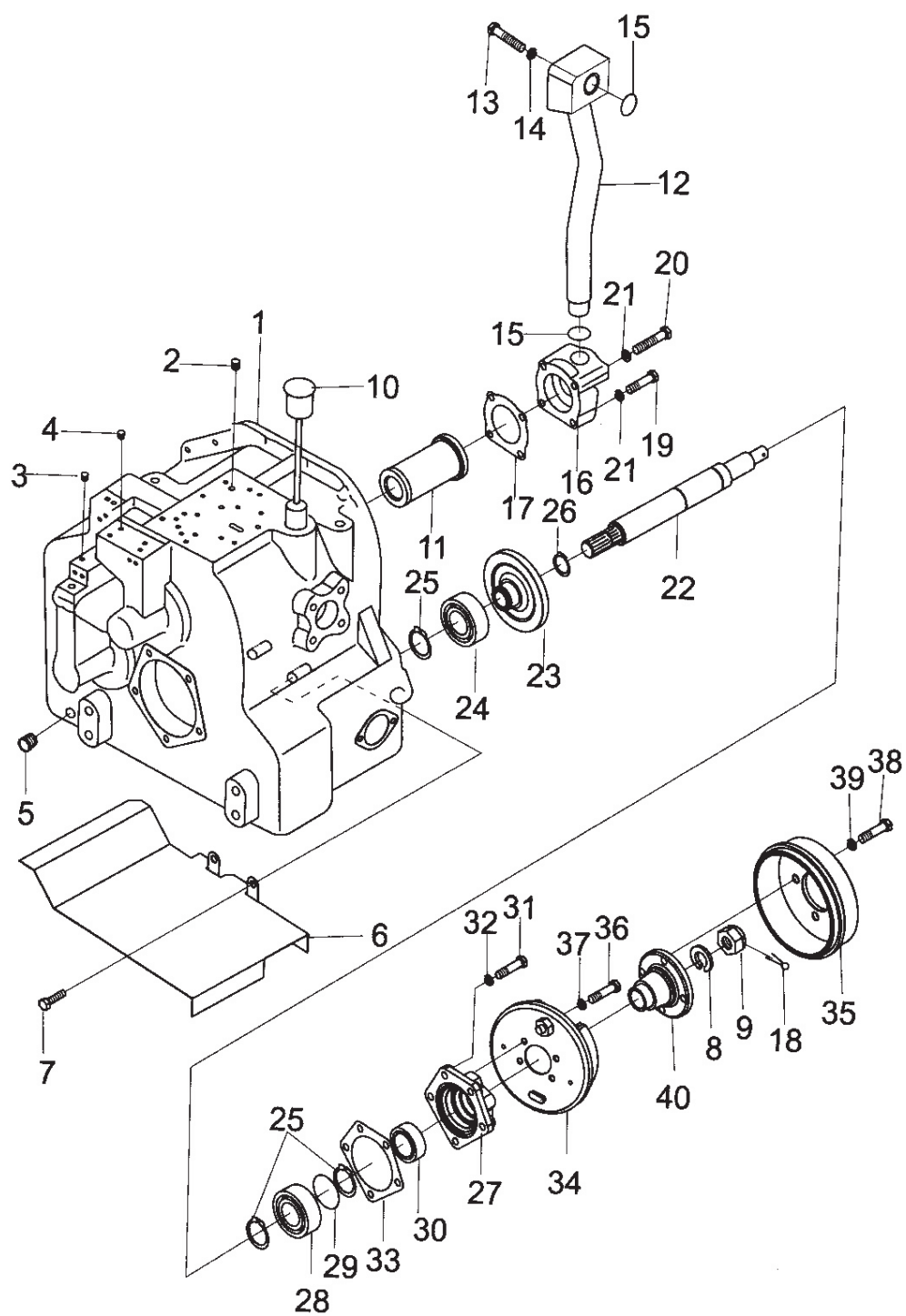
Torque-converter (2/2)



Torque-converter (2/2)

Item	Part No	Description	Q'ty	Remark
1	A50A5-03014	Gear, drive	1	
2	A50A5-03015	Key	1	
3	A50A5-03016	Bearing	1	
4	GB/T276	209 Bearing	1	
5	A50A5-03017	Pin, paraller	2	
6	A50A5-03018	Piston	2	
7	A50A5-03019	Spring	1	
8	A50A5-03020	Sping	1	
9	A50A5-03021	Cover	1	
10	A50A5-03022	Gasket	1	
11	GB/T5785	M10×1.25×35 Bolt	2	
12	GB/T93	10 Washer, lock	9	
13	GB/T825	M16 Eye screw	3	
14	A50A5-03023	(3/8") Plug	2	
15	A50A5-03100	Charging pump	1	
16	GB/T5785	M10×1.25×60 Bolt	7	

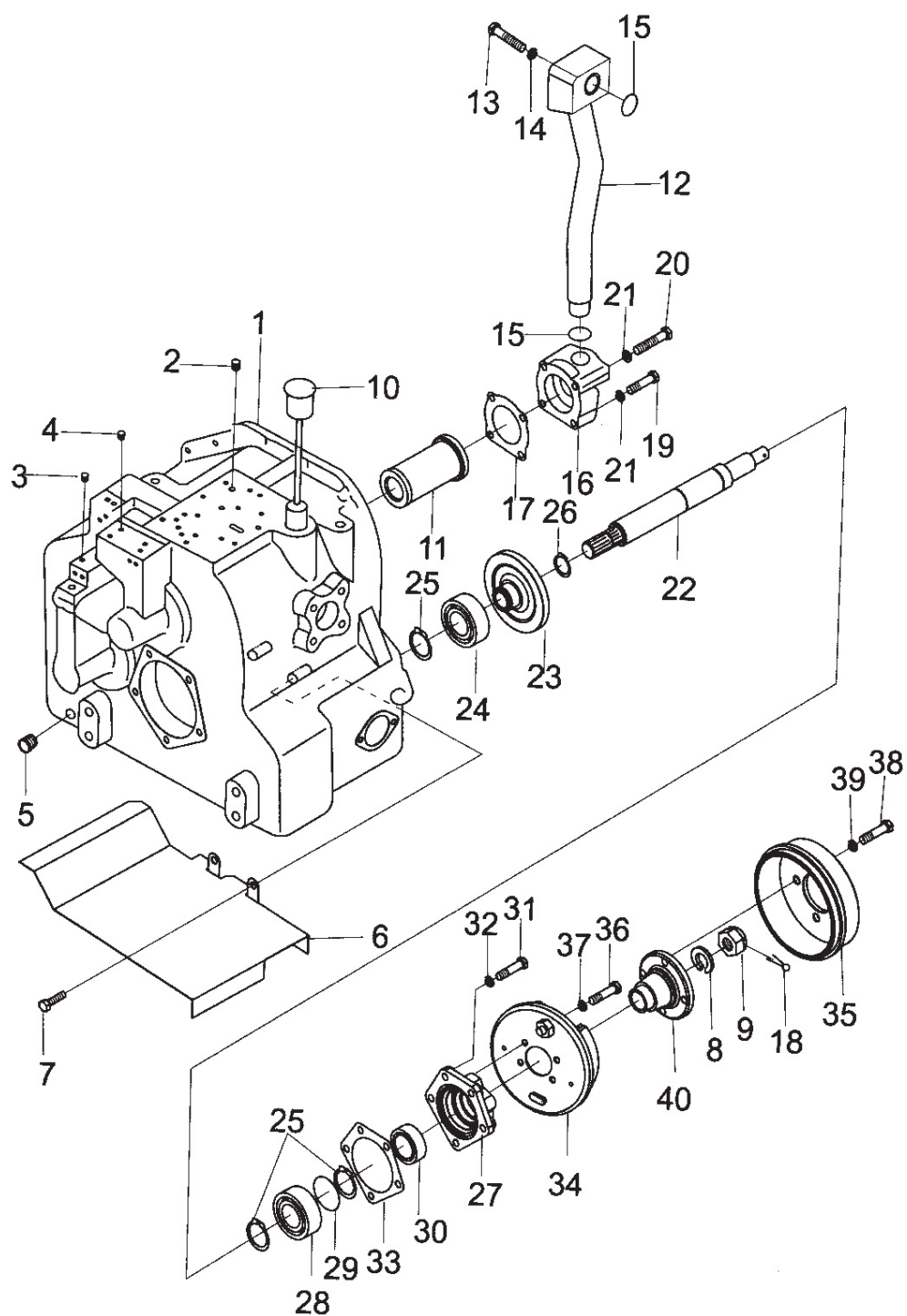
Transmission (1/2)



Transmission (1/2)

Item	Part No	Description	Q'ty	Remark
1	A50A5-00404	Case, transmission	1	
2	A50A5-00405	Plug	1	
3	A50A5-00406	(1/8") Plug	14	
4	A50A5-00407	(3/8") Plug	2	
5	A50A5-00408	(3/4") Plug	2	
6	A50A5-00409	Plate, boffle	1	
7	GB/T5782	M8×20 Bolt	2	
8	GB/T93	Washer, lock	1	
9	GB/T9457	M20×1.5 Nut	1	
10	A50A5-00410	Rod, lever	1	
11	A50A5-00411	Strainer	1	
12	A50A5-00412	Pipe oil fill	1	
13	GB/T5785	M10×12.5×70 Bolt	2	
14	GB/T93	M10 Washer, lock	2	
15	GB/T1235	35×3.1 O-ring	2	
16	A50A5-00413	Cover, filter	1	
17	A50A5-00414	Gasket	1	
18	GB/T91	4×36 Pin	1	
19	GB/T5785	M10×12.5×50 Bolt	2	
20	GB/T5785	M10×12.5×80 Bolt	2	
21	GB/T93	M10 Washer, lock	4	
22	A50A5-00415	Shaft, Parking	1	
23	A50A5-00416	Gear	1	

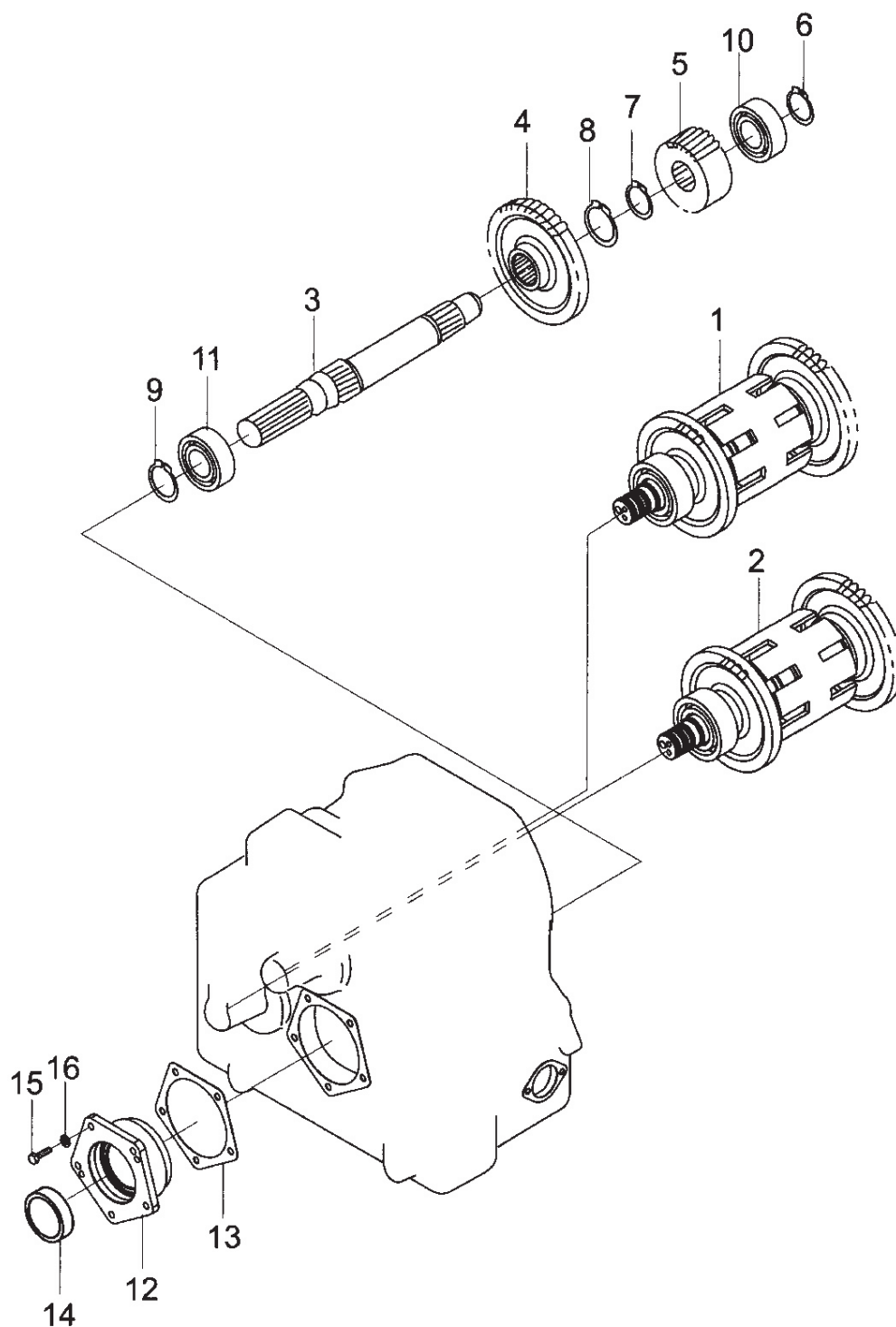
Transmission (1/2)



Transmission (1/2)

Item	Part No	Description	Q'ty	Remark
24	GB/T276	208 Bearing	1	
25	GB/T894.1	40 Snap ring	3	
26	GB/T894.1	30 Snap ring	1	
27	A50A5-00417	Cap	1	
28	GB/T277	50208 Bearing	1	
29	GB/T305	80/86.6 Ring, thrust	1	
30	A50A5-00418	SG40×62×12 Oil seal	1	
31	GB/T5785	M10×1.25×30 Bolt	5	
32	GB/T93	M10 Washer, lock	5	
33	A50A5-00419	Gasket	1	
34	A50A5-00900	Brake ass'y	1	
35	A50A5-00420	Drum	1	
36	GB/T5785	M10×1.25×20 Bolt	4	
37	GB/T93	M10 Washer, lock	4	
38	GB/T5785	M12×1.25×25 Bolt	4	
39	GB/T93	M12 Washer, lock	4	
40	A50A5-00421	Flange	1	

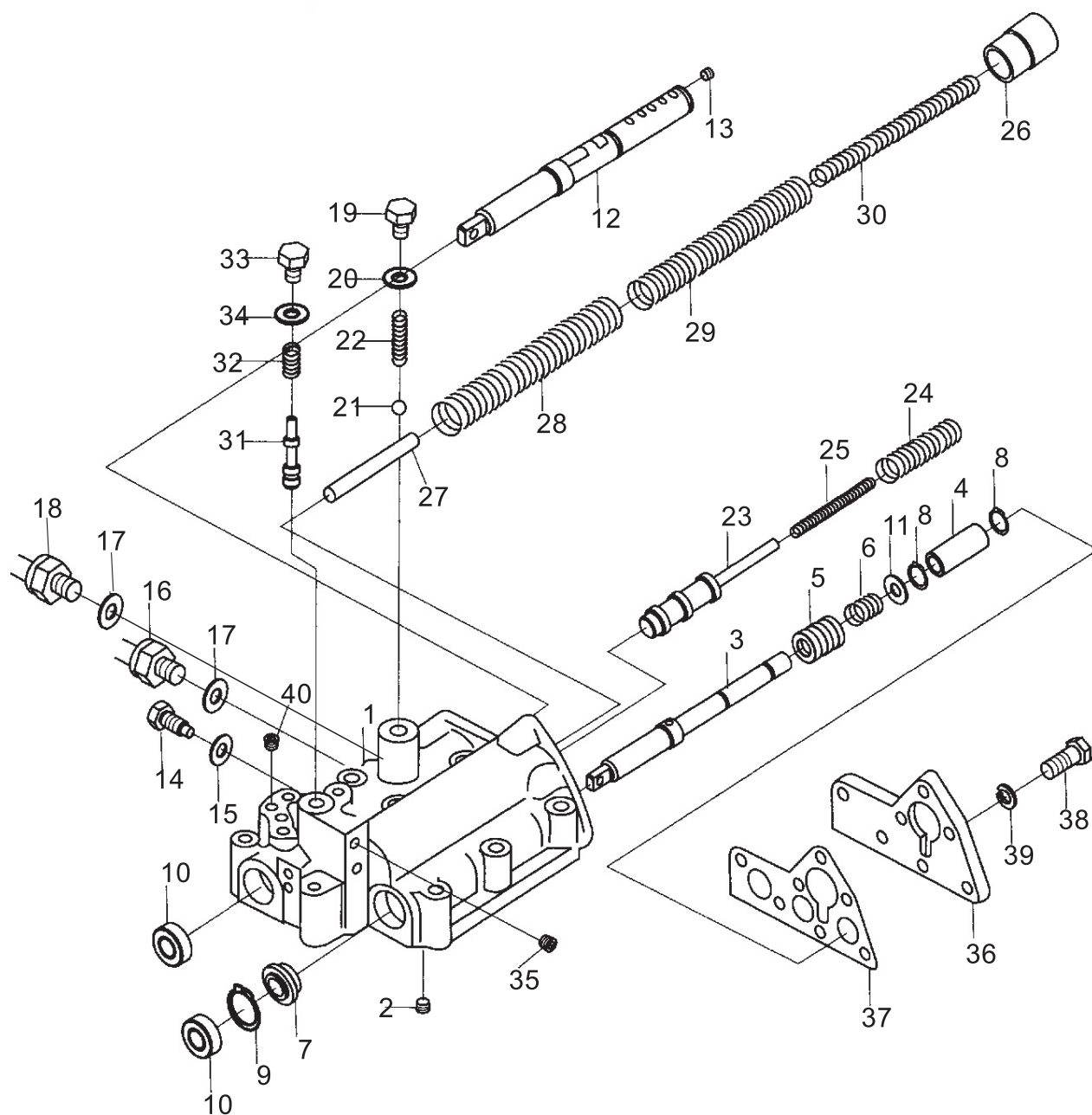
Transmission (2/2)



Transmission (2/2)

Item	Part No	Description	Q'ty	Remark
1	A50A5-01000	I Clutch	1	
2	A50A5-02000	II Clutch	1	
3	A50A5-00422	Shaft, output	1	
4	A50A5-00423	Gear	1	
5	A50A5-00424	Gear	1	
6	GB/T894. 1	45 Snap ring	1	
7	GB/T894. 1	50 Snap ring	1	
8	GB/T894. 1	60 Snap ring	1	
9	GB/T894. 1	55 Snap ring	1	
10	GB/T276	309 Bearing	1	
11	A50A5-00425	Bearing	1	
12	A50A5-00426	Cap	1	
13	A50A5-00427	Gasket	1	
14	A50A5-00428	52×72×12 Oil seal	5	
15	GB/T5785	M10×1. 25×30 Bolt	5	
16	GB/T93	10 Washer, lock	1	

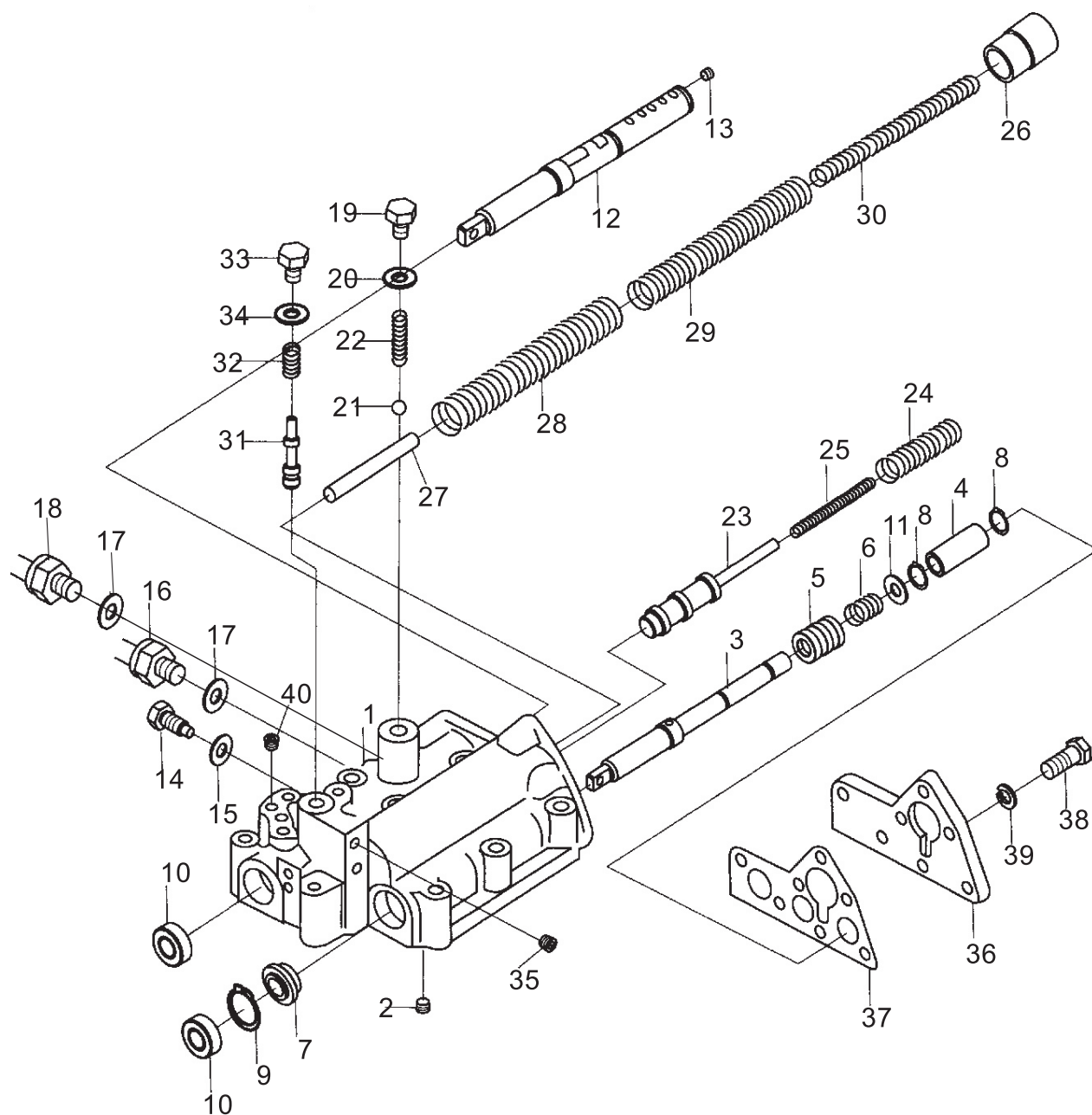
Control valve ass'y



Control valve ass'y

Item	Part No	Description	Q'ty	Remark
A	A50A5-00600	Control valve ass'y	1	
1	A50A5-00601	Body, valve	1	
2	A50A5-00602	Plug	1	
3	A50A5-00603	Valve, inching	1	
4	A50A5-00604	Plunger	1	
5	A50A5-00605	Piston	1	
6	A50A5-00606	Spring	1	
7	A50A5-00607	Collar	1	
8	GB/T894.1	12 Snap ring	2	
9	GB/T893.1	30 Snap ring	1	
10	A50A5-00608	Oil seal	2	
11	A50A5-00609	Spacer	1	
12	A50A5-00610	Valve lever	1	
13	A50A5-00611	Plug	1	
14	A50A5-00612	Bolt	1	
15	A50A5-00613	Washer	1	
16	DZ05G-J208	Switch	1	
17	DZ05G-J209	Switch	1	
18	A50A5-00615	Packing	2	
19	A50A5-00616	Plug	1	
20	A50A5-00617	Washer	1	
21	GB/T308	10 Ball	1	
22	A50A5-00618	Spring	1	
23	A50A5-00619	Valve lever, modulate	1	
24	A50A5-00620	Spring	1	

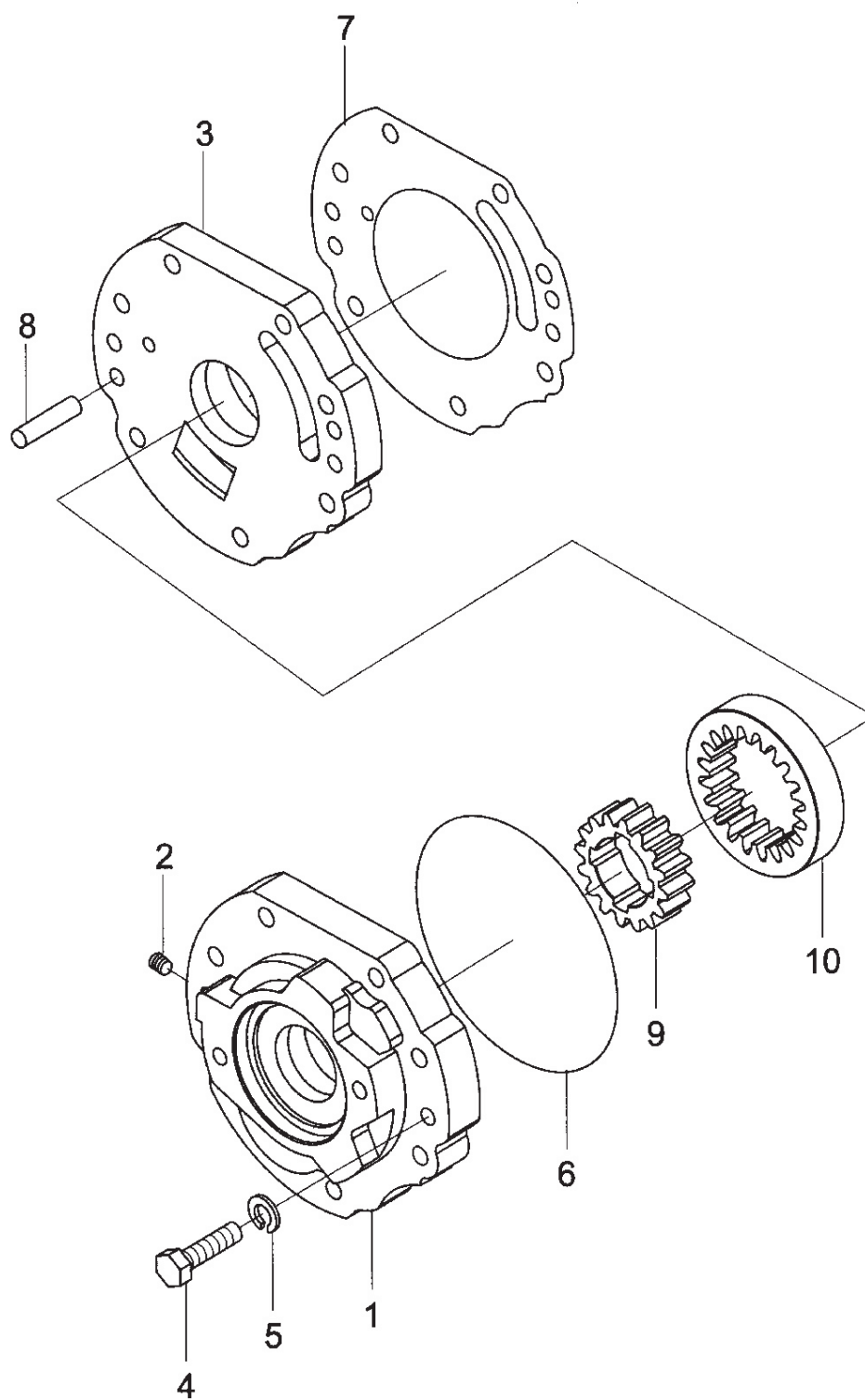
Control valve ass'y



Control valve ass'y

Item	Part No	Description	Q'ty	Remark
25	A50A5-00621	Spring	1	
26	A50A5-00622	Piston	1	
27	A50A5-00623	Stopper	1	
28	A50A5-00624	Spring	1	
29	A50A5-00625	Spring	1	
30	A50A5-00626	Spring	1	
31	A50A5-00627	Valve lever	1	
32	A50A5-00628	Spring	1	
33	A50A5-00629	Plug	1	
34	A50A5-00630	Washer	1	
35	A50A5-00631	Plug	4	
36	A50A5-00632	Cover	1	
37	A50A5-00633	Gasket	1	
38	GB/T5783	M8×25 Bolt	7	
39	GB/T93	8 Washer, lock	7	
40	A50A5-00634	Plug	5	

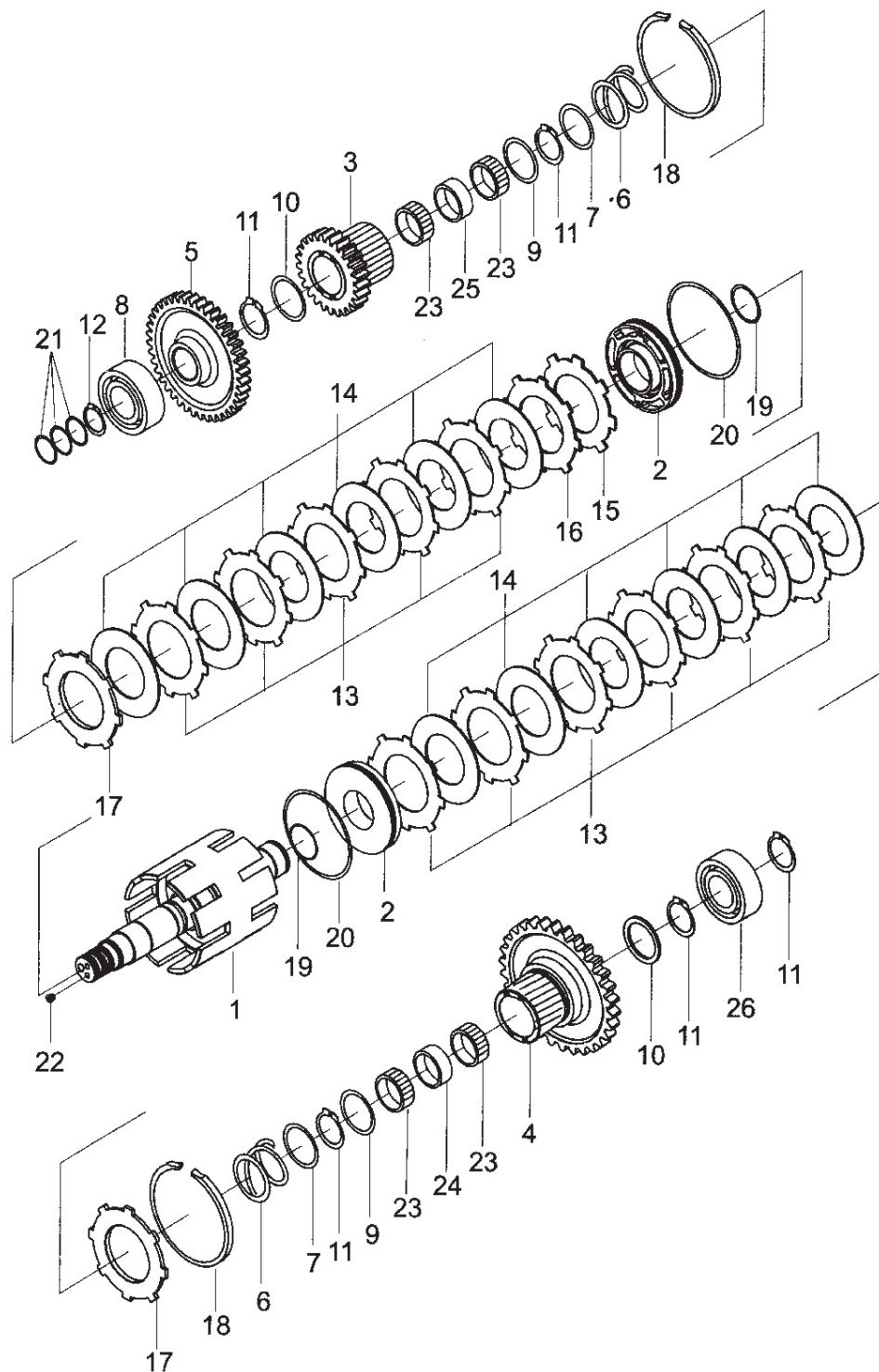
Charging pump



Charging pump

Item	Part No	Description	Q'ty	Remark
A	A50A5-03100	Charging Pump ass'y	1	
1	A50A5-03101	Case, Pump	1	
2	A50A5-03102	ZG1/8 " Plug	1	
3	A50A5-03103	Cover	1	
4	GB/T5785	M10×1.25×40 Bolt	2	
5	GB/T93	M10 Washer, lock	2	
6	GB/T1235	145×3.1 O-ring	1	
7	A50A5-03104	Shim	1	
8	GB/T119	B10×26 Pin	2	
9	A50A5-03105	Gear	1	
10	A50A5-03106	Gear, ring	1	

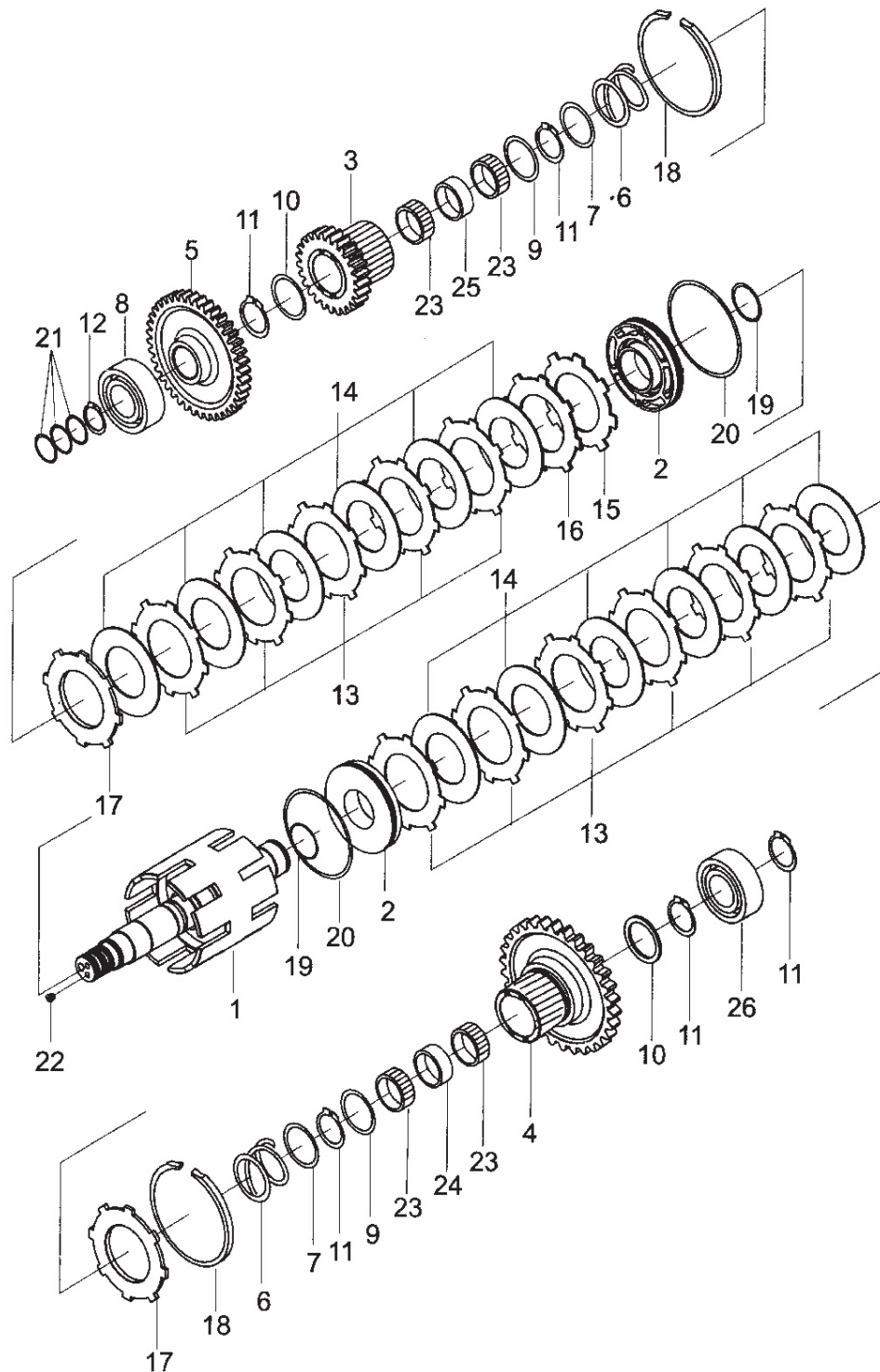
Hydraulic clutch I



Hydraulic clutch I

Item	Part No	Description	Q'ty	Remark
A	A50A5-01000	I Clutch	1	
1	A50A5-01100	Shaft ass'y	1	
2	A50A5-01200	Piston ass'y	2	
3	A50A5-01001	II Gear	1	
4	A50A5-01002	I Gear	1	
5	A50A5-01003	III Gear	1	
6	A50A5-01004	Spring	2	
7	A50A5-01005	Seat, spring	2	
8	GB/T276	6309 Bearing	1	
9	A50A5-01006	Ring, thrust	2	
10	A50A5-01007	Ring, thrust	2	
11	GB/T894. 1	50 Snap ring	5	
12	GB/T894. 1	45 Snap ring	1	
13	A50A5-01008	Plate, separator	13	
14	A50A5-01300	Plate, friction ass'y	14	
15	A50A5-01009	Plate	1	
16	A50A5-01010	Plate	1	
17	A50A5-01011	Plate, end	2	
18	A50A5-01012	Snap ring	2	
19	A50A5-01013	Ring	2	
20	A50A5-01014	Ring	2	
21	A50A5-01015	Ring	3	
22	A50A5-01016	Plug	2	
23	A50A5-01017	Bearing	4	
24	A50A5-01018	Spacer	1	
25	A50A5-01019	Spacer	1	
26	GB/T276	6210 Bearing	1	

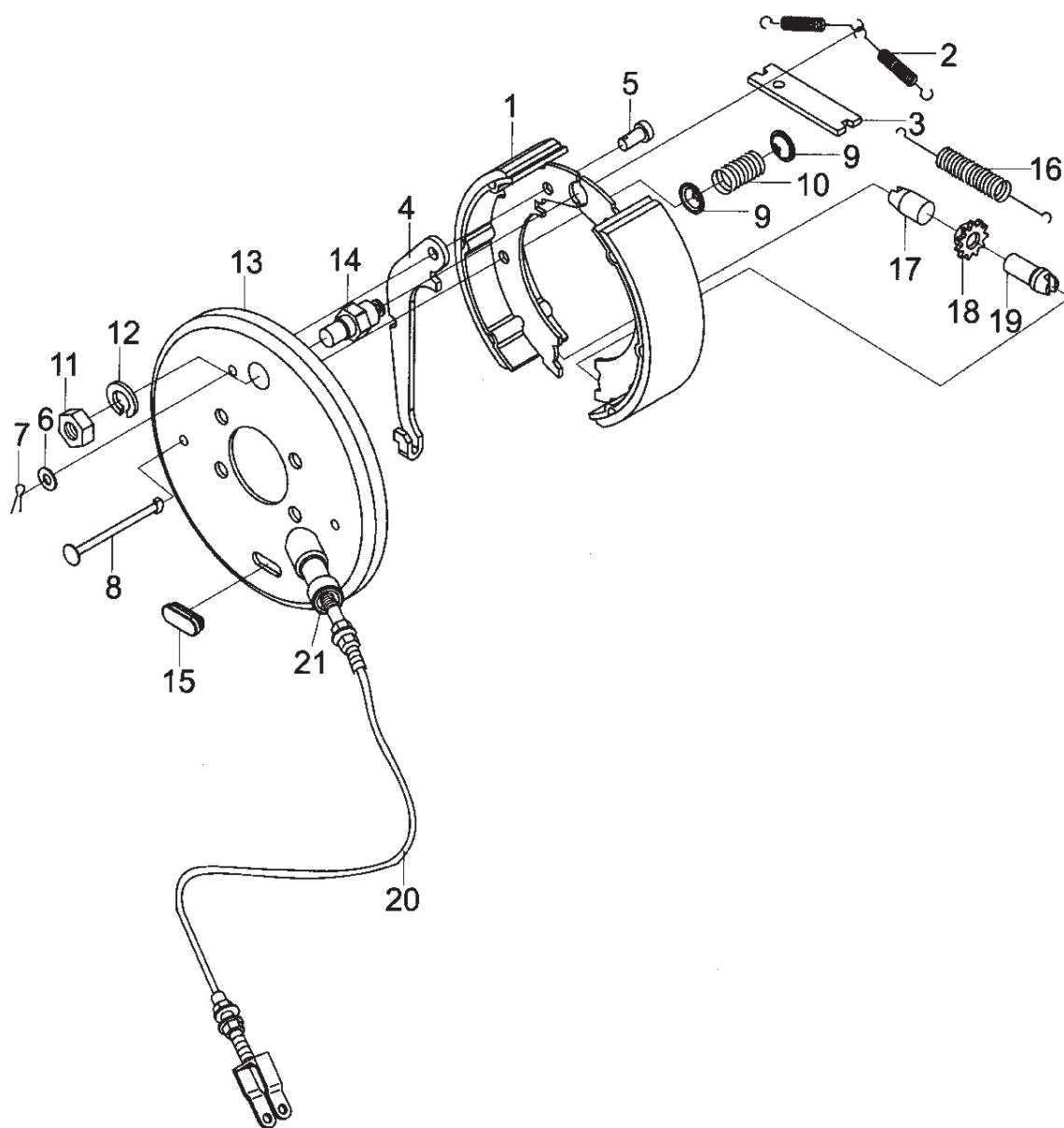
Hydraulic clutch II



Hydraulic clutch II

Item	Part No	Description	Q'ty	Remark
A	A50A5-02000	II Clutch	1	
1	A50A5-01100	Shaft ass' y	1	
2	A50A5-01200	Piston ass' y	2	
3	A50A5-01001	II Gear	1	
4	A50A5-02001	IV Gear	1	
5	A50A5-01003	III Gear	1	
6	A50A5-01004	Spring	2	
7	A50A5-01005	Seat, spring	2	
8	GB/T276	6309 Bearing	1	
9	A50A5-01006	Ring, thrust	2	
10	A50A5-01007	Ring, thrust	2	
11	GB/T894. 1	50 Snap ring	5	
12	GB/T894. 1	45 Snap ring	1	
13	A50A5-01008	Plate, separator	13	
14	A50A5-01300	Plate, friction ass' y	14	
15	A50A5-01009	Plate	1	
16	A50A5-01010	Plate	1	
17	A50A5-01011	Plate, end	2	
18	A50A5-01012	Snap ring	2	
19	A50A5-01013	Ring	2	
20	A50A5-01014	Ring	2	
21	A50A5-01015	Ring	2	
22	A50A5-01016	Plug	2	
23	A50A5-01017	Bearing	4	
24	A50A5-01018	Spacer	1	
25	A50A5-01019	Spacer	1	
26	GB/T276	6210 Bearing	1	

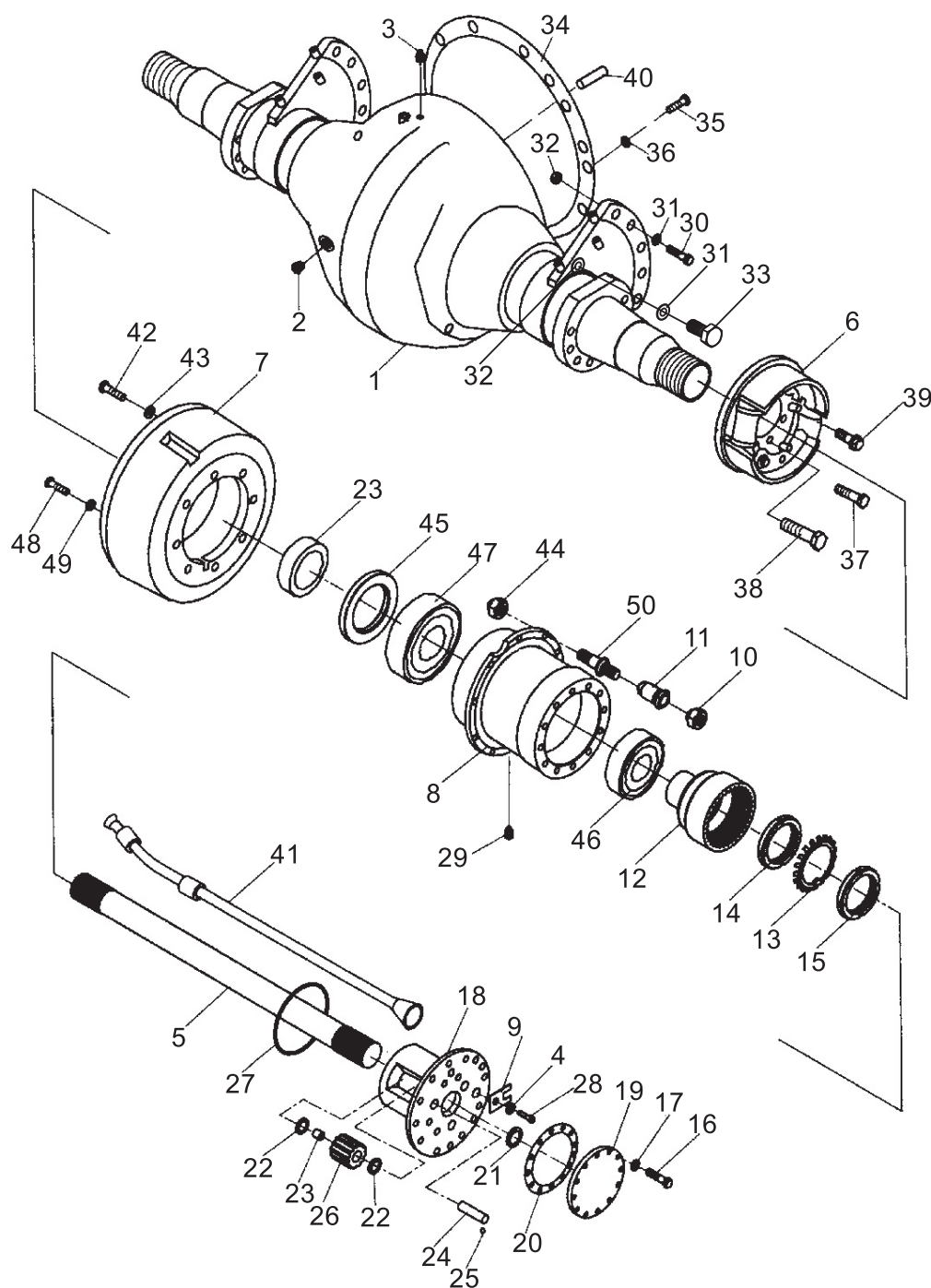
Parking brake ass'y



Parking brake ass'y

Item	Part No	Description	Q'ty	Remark
A	A50A5-00900	Parking brake ass'y	1	
1	A50A5-00901	Brake shoe & lining	2	
2	A50A5-00902	Spring	2	
3	A50A5-00903	Board	1	
4	A50A5-00904	Lever brake	1	
5	GB/T882	B8×16 Pin	1	
6	GB/T97.1	Washer	1	
7	GB/T91	3×20 Pin	1	
8	A50A5-00905	Pin	1	
9	A50A5-00906	Cup, shoe hold down	1	
10	A50A5-00907	Spring	1	
11	GB/T6171	M8 Nut	1	
12	GB/T93	M8 Washer, lock	1	
13	A50A5-00908	Back plate ass'y	1	
14	A50A5-00909	Pin	1	
15	A50A5-00910	Plug	1	
16	A50A5-00911	Spring	1	
17	A50A5-00912	Adjuster cover	1	
18	A50A5-00913	Adjuster wheel	1	
19	A50A5-00914	Adjuster screw	1	
20	A50A5-00915	Cable ass'y	1	
21	A50A5-00916	Spring	1	

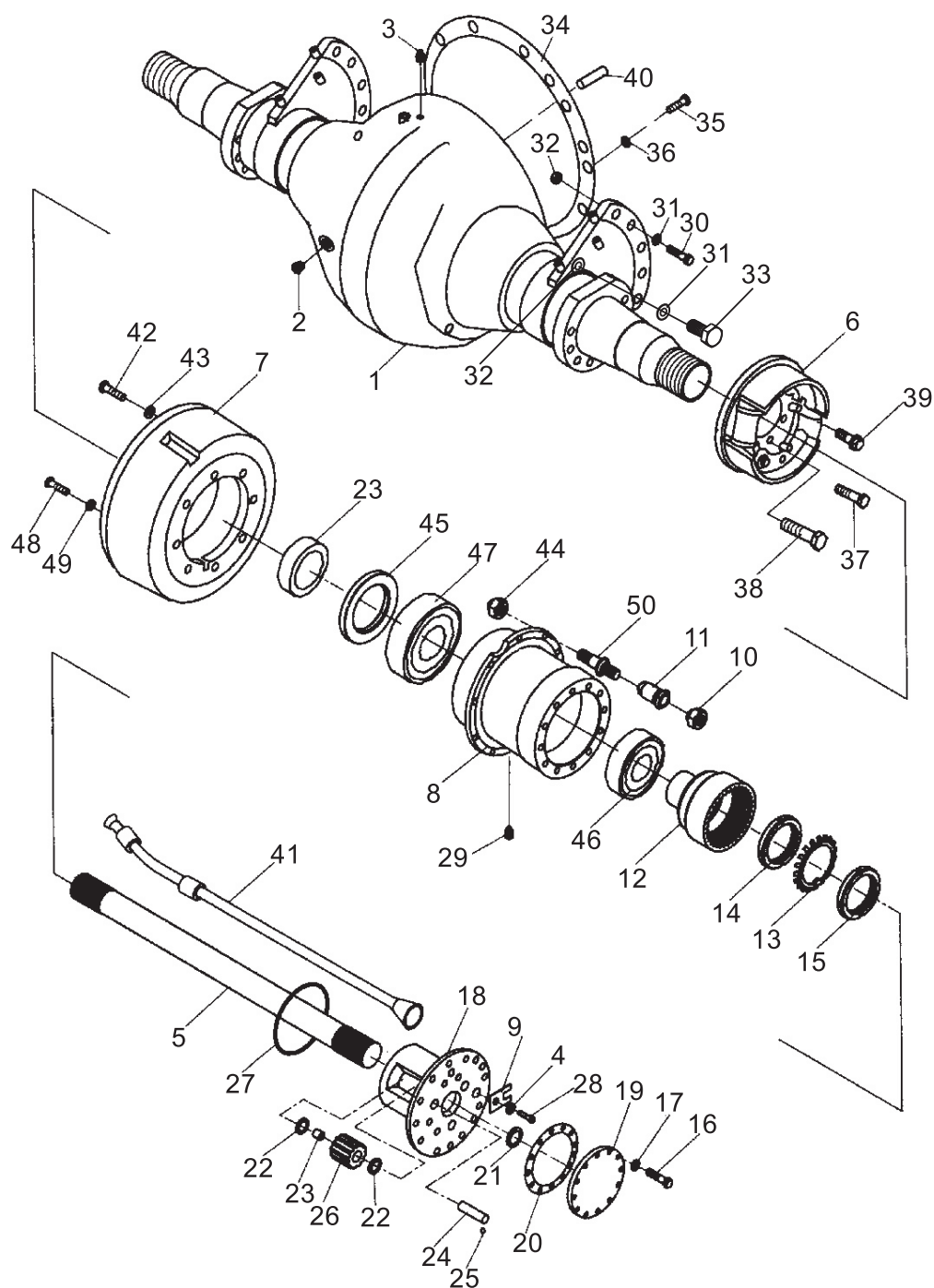
Drive axle



Drive axle

Item	Part No	Description	Q'ty	Remark
1	A50A5-00200	Housing axle	1	FD50,60,70,80-CY1/W3
-	A50E5-00200	Housing axle	1	FD50,60,70,80-S3/YC2
-	A50K5-00100	Housing axle	1	FY50,60,70,80-G3/G4
2	A50A5-00201	Plug, drain	2	FD50,60,70,80-KMS2
3	A50A5-00202	Breather	1	
4	GB/T97.1	M10 Washer	2	
5	A50A5-00203	Shaft, axle	2	
6	A50A5-04000	Wheel brake ass'y	2	FD50,60,70,80-CY1/W3
-	A50E5-00500	Wheel brake ass'y	2	FD50,60,70,80-S3/YC2
-	A50K5-00200	Wheel brake ass'y	2	FY50,60,70,80-G3/G4
7	A50A5-00204	Drum	2	FD50,60,70,80-KMS2
8	A50A5-00205	Hub	2	
9	A50A5-00004	Plate	2	
10	A50A5-00207	Nut, hub outer	20	
11	A50A5-00208	Nut, hub inner	20	
12	A50A5-00209	Gear, internal	2	
13	A50A5-00210	Washer, lock	2	
14	A50A5-00211	M75×2 Nut spindle inner	2	
15	A50A5-00212	M75×2 Nut spindle inner	2	
16	GB/T5786	M12×1.25×25 Bolt	12	
17	GB/T93	M12 Washer	12	
18	A50A5-00213	Carrier, planet	2	
19	A50A5-00214	Cap, axle shaft	2	
20	A50A5-00215	Washer	2	
21	A50A5-00216	Washer, thrust	2	
22	A50A5-00217	Washer, thrust	12	
23	A50A5-00218	Bushing	6	

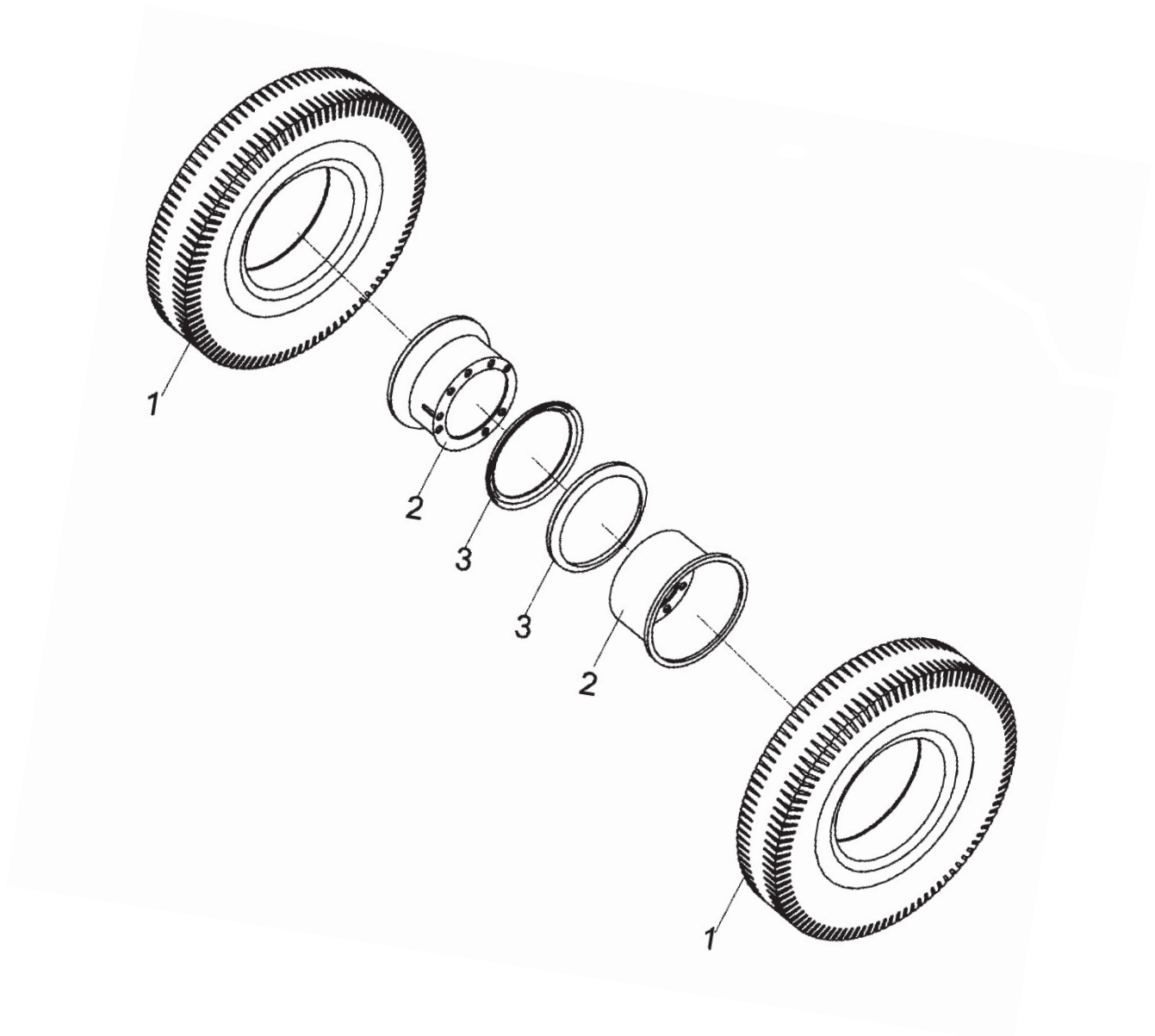
Drive axle



Drive axle

Item	Part No	Description	Q'ty	Remark
24	A50A5-00219	Shaft, planet gear	6	
25	GB/T308	6 Ball	6	
26	A50A5-00220	Gear, planet	6	
27	A50A5-00221	O-ring	2	
28	A50A5-00222	Bolt	32	
29	A50A5-00223	Plug	2	
30	A50A5-00005	Bolt	6	
31	GB/T93	Washer	10	
32	GB/T6171	M24×2 Nut	10	
33	A50A5-00003	Bolt, reamer	4	
34	A50A5-00225	Packing	1	
35	GB/T5786	M14×1.5×40 Bolt	14	
36	GB/T93	M14 Washer, lock	14	
37	A50A5-00226	Bolt	12	
38	A50A5-00227	Bolt	4	
39	A50A5-00228	Bolt	4	
40	GB/T119.1	B12×26 Pin	2	
41	A50A5-00700	Pipe	2	
42	A50A5-00230	Bolt, reamer	4	
43	A50A5-00231	Washer	4	
44	GB/T6171	M20×1.5 Nut	20	
45	A50A5-00232	AD4399A0 Seal, oil	4	
46	GB/T297	33020 Bearing, taper roller	2	
47	A50A5-00233	Bearing, taper roller	2	
48	A50A5-00234	Bolt	12	
49	A50A5-00235	Washer, conical spring	12	
50	A50A5-00236	Bolt, hub	20	

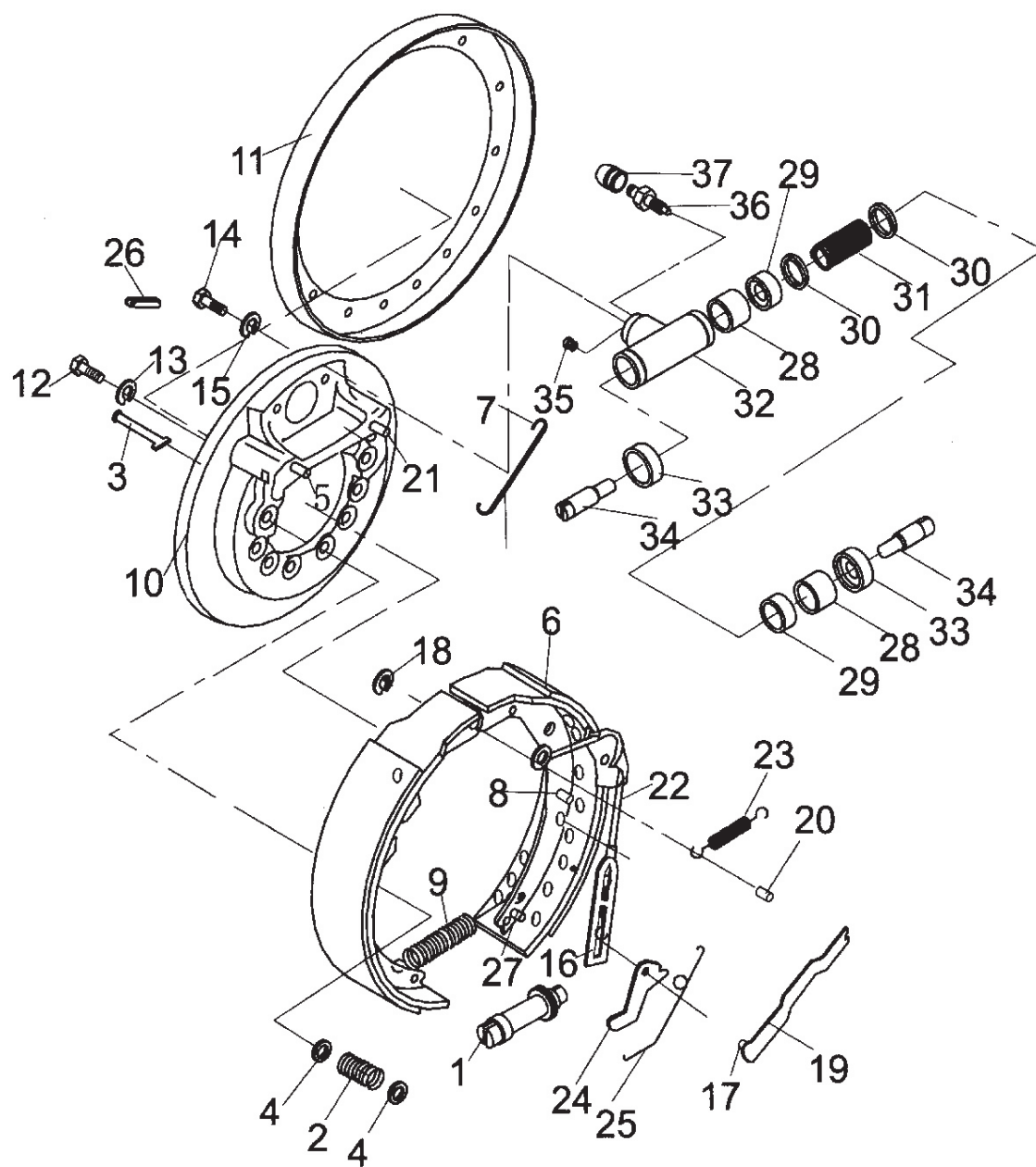
Driving wheel assembly



Driving wheel assembly

Item	Part No	Description	Q'ty	Remark
A	A50A5-00100	Rim ass'y(Inc.2,3)	4	
1	GB/T2982	8.25-15-14PR Tyre	4	
2	A50A5-00101	Rim	4	
3	A50A5-00102	Snap,ring	4	

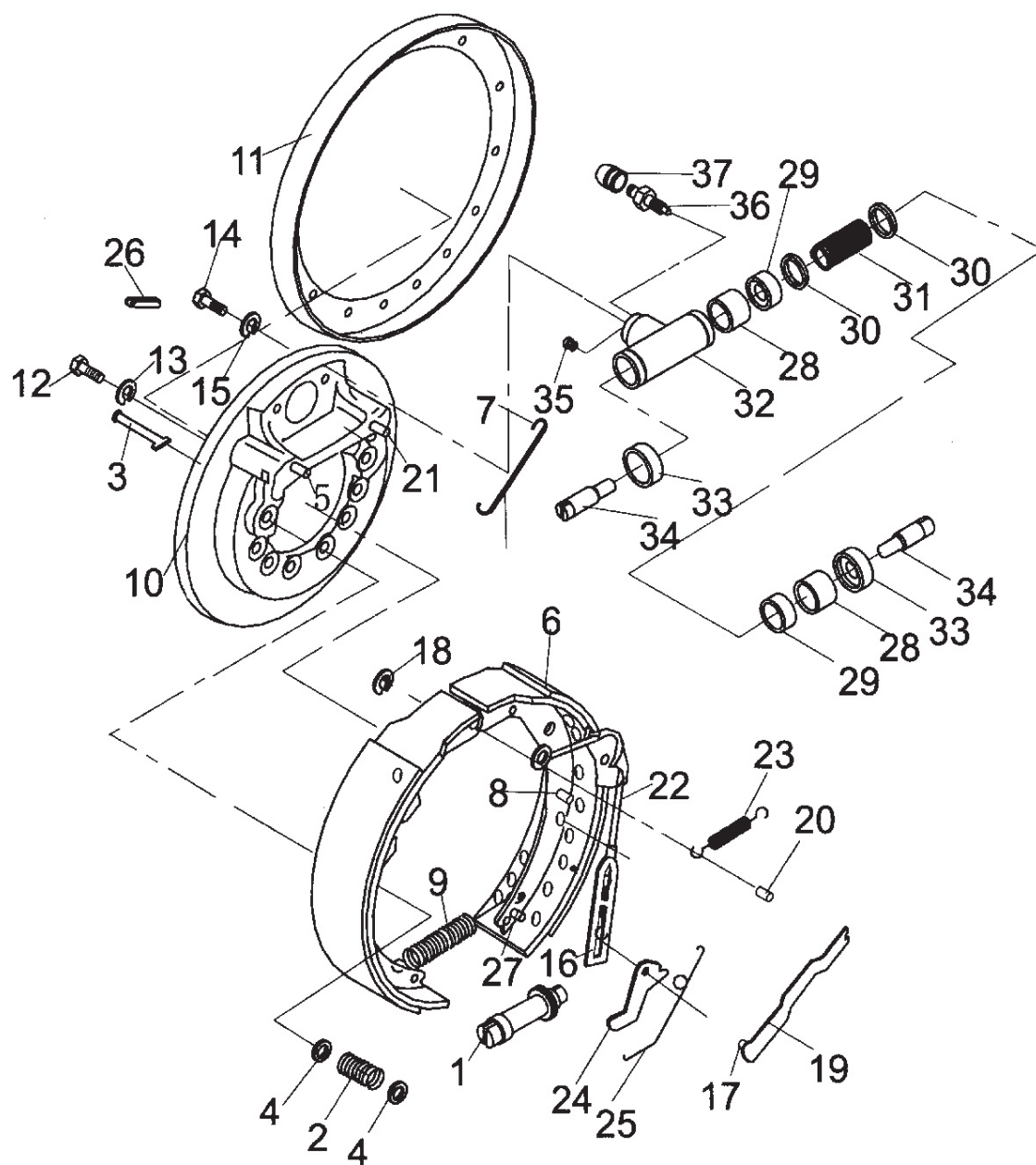
Wheel brake



Wheel brake

Item	Part No	Description	Q'ty	Remark
A	A50A5-04000(L)	Wheel brake	1	FD50,60,70,80-CY1/W3
-	A50E5-00500(L)	Wheel brake	1	FD50,60,70,80-S3/YC2 FY50,60,70,80-G3/G4
-	A50K5-00200(L)	Wheel brake	1	FD50,60,70,80-KMS2
-	A50A5-04000(R)	Wheel brake	1	FD50,60,70,80-CY1/W3
-	A50E5-00500(R)	Wheel brake	1	FD50,60,70,80-S3/YC2 FY50,60,70,80-G3/G4
-	A50K5-00200(R)	Wheel brake	1	FD50,60,70,80-KMS2
1	A50A5-04001	Adjuster ass'y	1	
2	A50A5-04002	F Spring	2	
3	A50A5-04003	Pin,shoe hold down	2	
4	A50A5-04004	Cup,shoe hold down	4	
5	A50A5-04005	Pin	2	
6	A50A5-04006	Shoe pin & lining ass'y	2	
7	A50A5-04007	E Spring	1	
8	A50A5-04008	Pin	1	
9	A50A5-04009	B Spring	1	
10	A50A5-04010	Backboard,brake	1	
11	A50A5-04011	Sheald dust	1	
12	A50A5-04012	Bolt	6	
13	GB/T93	6 Washer,lock	6	
14	GB/T5782	M8×45 Bolt	2	
15	GB/T93	6 Washer.lock	2	
16	A50A5-04013	Spring joint unit	1	
17	GB/T91	1.6×16 Pin	1	
18	A50A5-04014	Washer	1	
19	A50A5-04015	Link	1	

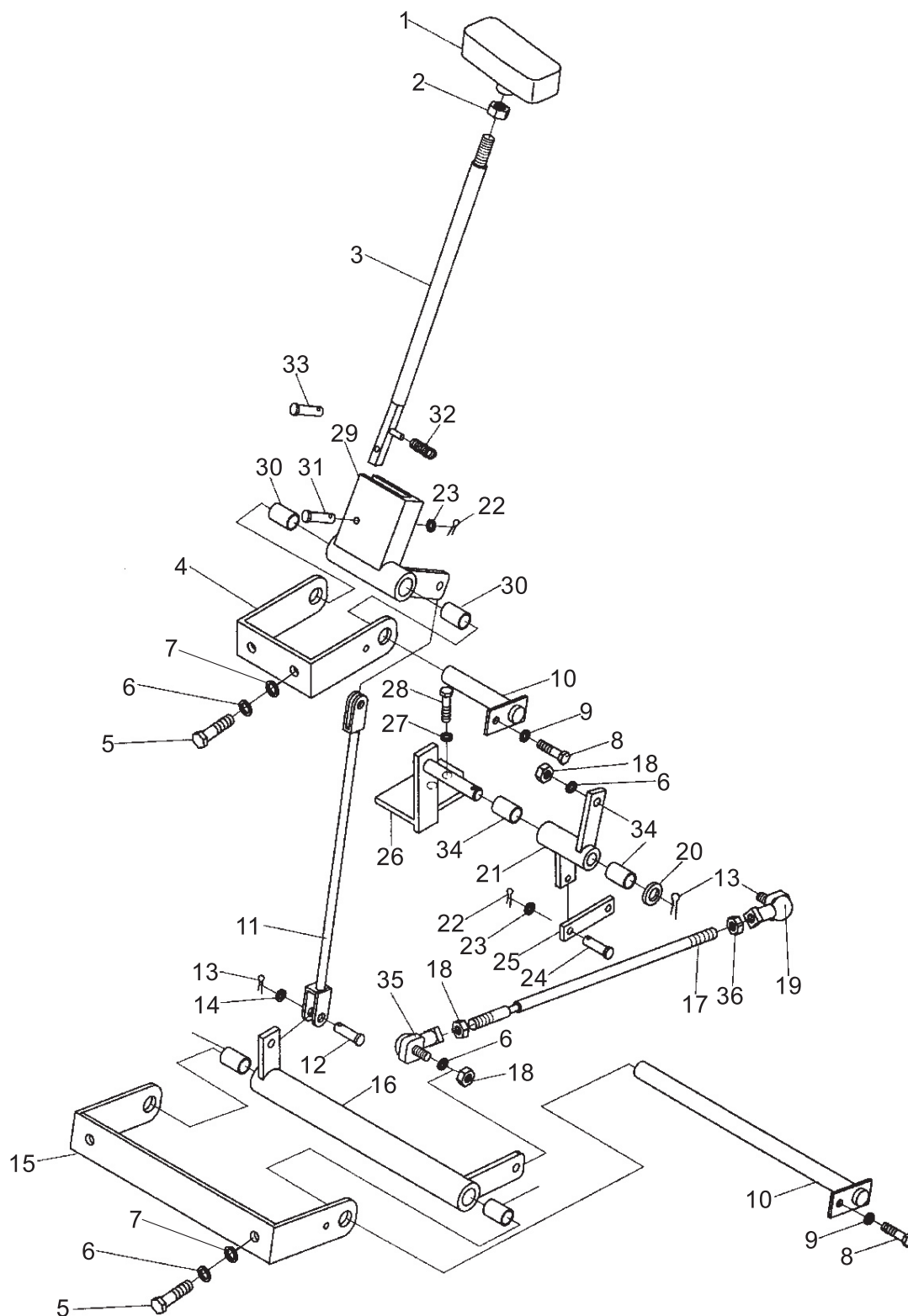
Wheel brake



Wheel brake

Item	Part No	Description	Q'ty	Remark
20	A50A5-04016	Pin	1	
21	A50A5-04017	Pin	1	
22	A50A5-04018	Lever	1	
23	A50A5-04019	A Spring	1	
24	A50A5-04020	Lever	1	
25	A50A5-04021	G Spring	1	
26	A50A5-04022	Cover.adjusting hole	1	
27	A50A5-04023	Pin	1	
B	A50A5-05000	Wheel cylinder ass'y	1	FD50,60,70,80-CY1/W3
-	A50E5-00600	Wheel cylinder ass'y	1	FD50,60,70,80-S3/YC2 FY50,60,70,80-G3/G4
-	A50K5-00300	Wheel cylinder ass'y	1	FD50,60,70,80-KMS2
28	A50A5-05001	Piston	2	
29	A50A5-05002	Sealing washer	2	FD50,60,70,80-CY1/W3
-	A50E5-00601	Sealing washer	2	FD50,60,70,80-S3/YC2 FY50,60,70,80-G3/G4
-	A50K5-00301	Sealing washer	2	FD50,60,70,80-KMS2
30	A50A5-05003	Cup, piston	2	FD50,60,70,80-CY1/W3
-	A50E5-00602	Cup, piston	2	FD50,60,70,80-S3/YC2 FY50,60,70,80-G3/G4
-	A50K5-00302	Cup, piston	2	FD50,60,70,80-KMS2
31	A50A5-05004	Spring	1	
32	A50A5-05005	Cylinder	1	
33	A50A5-05006	Cover, dust	2	
34	A50A5-05007	Rod, piston	2	
35	A50A5-05008	Plug	1	
36	A50A5-05009	Screw, breather	1	
37	A50A5-05010	Cap, screw	1	

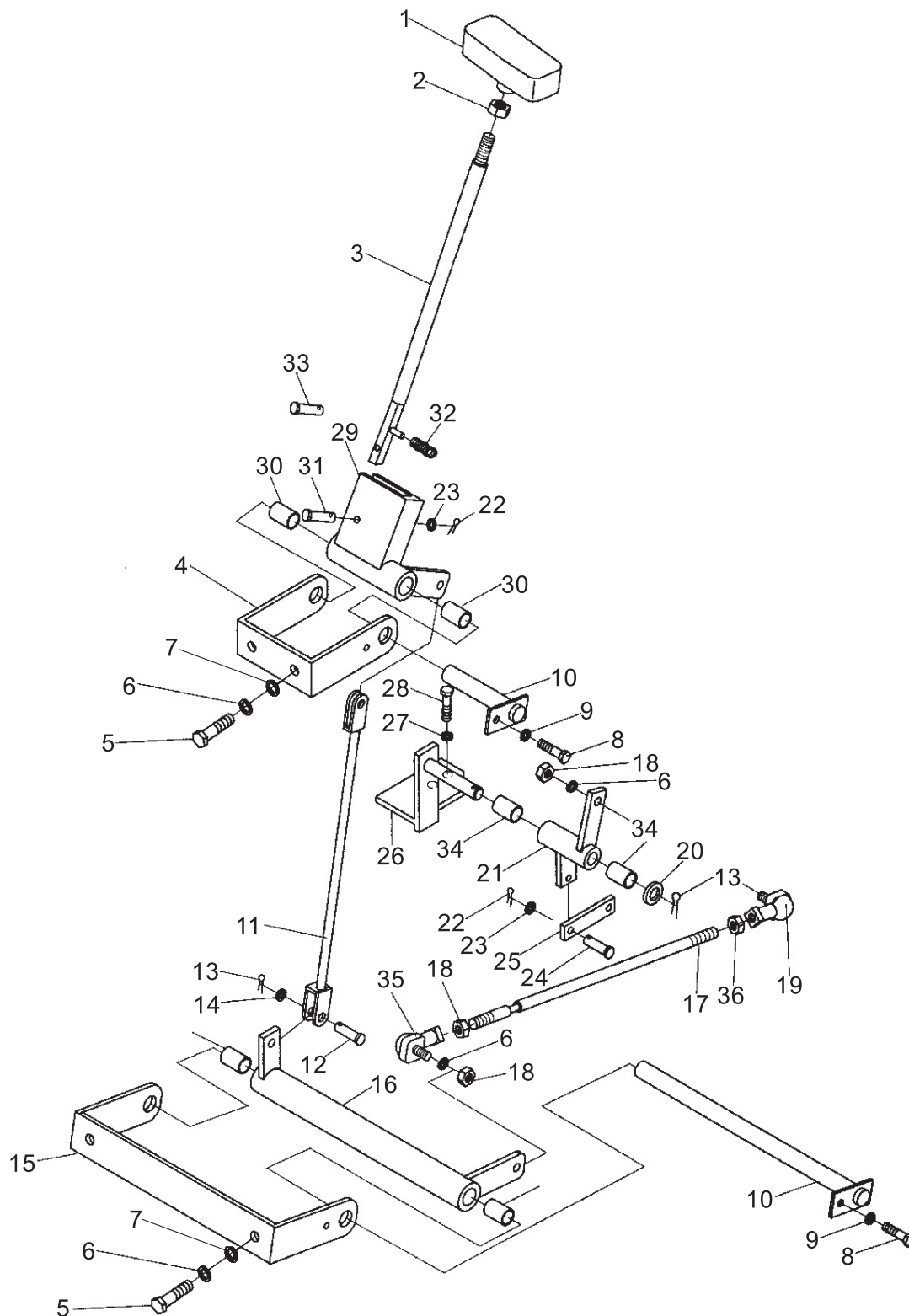
Transmission control linkage



Transmission control linkage

Item	Part No	Description	Q'ty	Remark
A	A50A5-06000	Transmission control linkage	1	
1	A50A5-06001	Knob	1	
2	GB/T6171	M10 Nut	1	
3	A50A5-06002	Lever	1	
4	A50A5-06003	Bracket(upper)	1	
5	GB/T5783	M8×35 Bolt	4	
6	GB/T93	8 Washer,lock	6	
7	GB/T97.1	8 Washer	4	
8	GB/T5783	M6×12 Bolt	2	
9	GB/T93	6 Washer,lock	2	
10	A50A5-06004	Shaft	1	
11	A50A5-06005	Link	1	
12	G/TB882	B8×18 Pin,clevis	2	
13	GB/T91	3.2×26 Pin,cotter	3	
14	GB/T97.1	8 Washer	3	
15	A50A5-06006	Bracket(lower)	1	
16	A50A5-06007	Boss	1	
17	A50A5-06008	Link	1	
18	GB/T6171	M8 Nut	3	
19	A50A5-06009	Bearing	1	
20	GB/T97.1	10 Washer	1	
21	A50A5-06010	Boss	1	
22	GB/T91	1.6×10 Pin,cotter	3	

Transmission control linkage

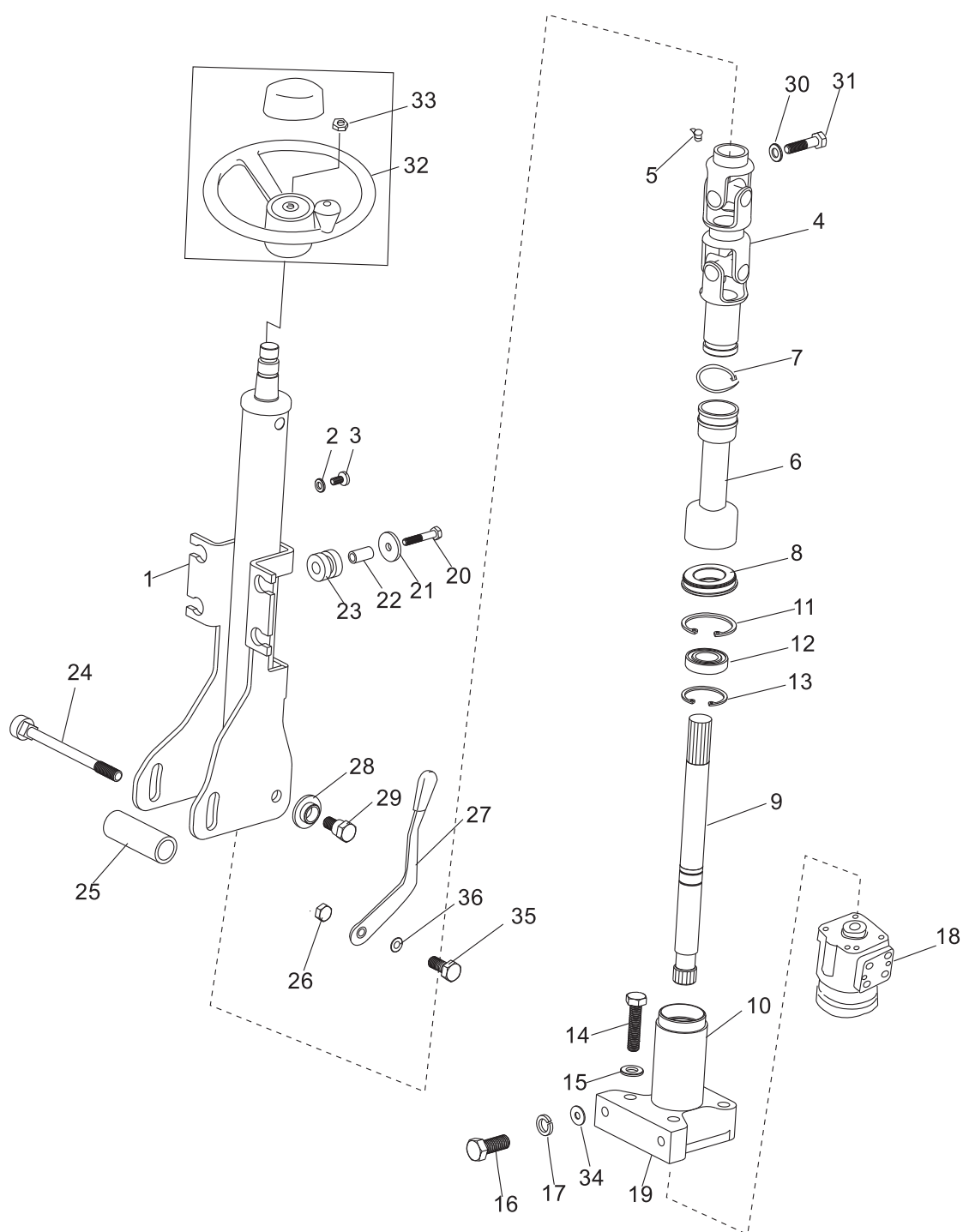


Transmission control linkage

Item	Part No	Description	Q'ty	Remark
23	GB/T97.1	6 Washer	2	
24	GB/T882	B6×26 Pin	1	
25	A50A5-06011	Link	2	
26	A50A5-06012	Bracket	1	
27	GB/T93	M10 Washer,lock	5	
28	GB/T5786	M10×1.25×20 Bolt	2	
29	A50A5-06013	Boss	1	
30	A50A5-06014	16×25 Bushing	4	
31	GB/T882	B6×35 Pin,clevis	1	
32	A50A5-06015	Spring	1	
33	A50A5-06016	Pin,clevis	1	
34	A50A5-06017	1215 Bushing	2	
35	A50A5-06018	Bearing	1	
36	GB/T6170	M8 Nut	1	

STEERING SYSTEM

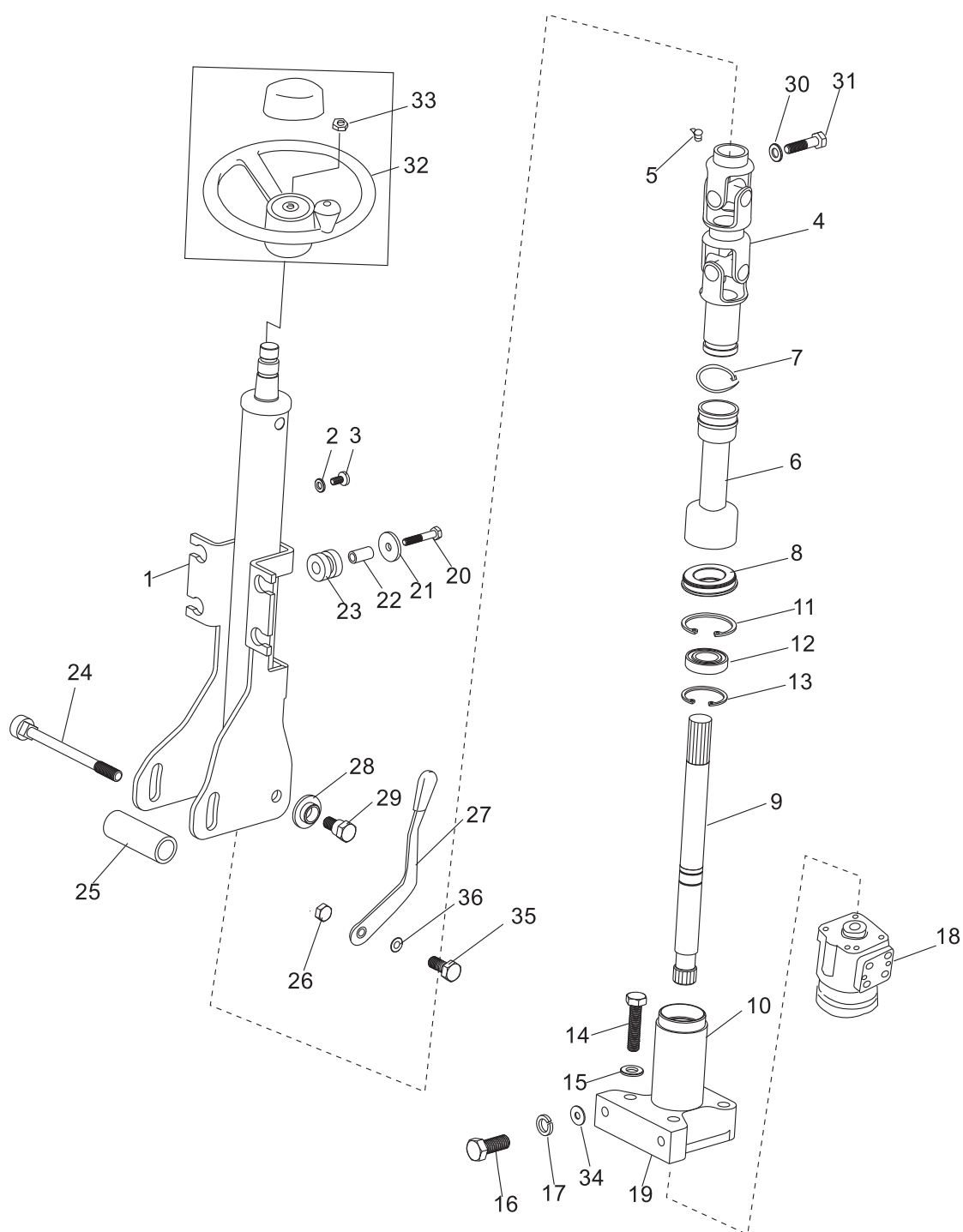
Steering control



Steering control

Item	Part No	Description	Q'ty	Remark
1	A50A6-00100	Steering column	1	
2	GB/T97.1	6 Washer	4	
3	GB/T818	M6×12 Screw	4	
4	A50A6-00200	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	A50A4-40000	Redirector	1	
19	A30A6-00006	Shim	1	
20	GB/T5783	M6×35 Bolt	4	
21	A30A6-00007	Washer	4	
22	A30A6-00008	Spacer	4	

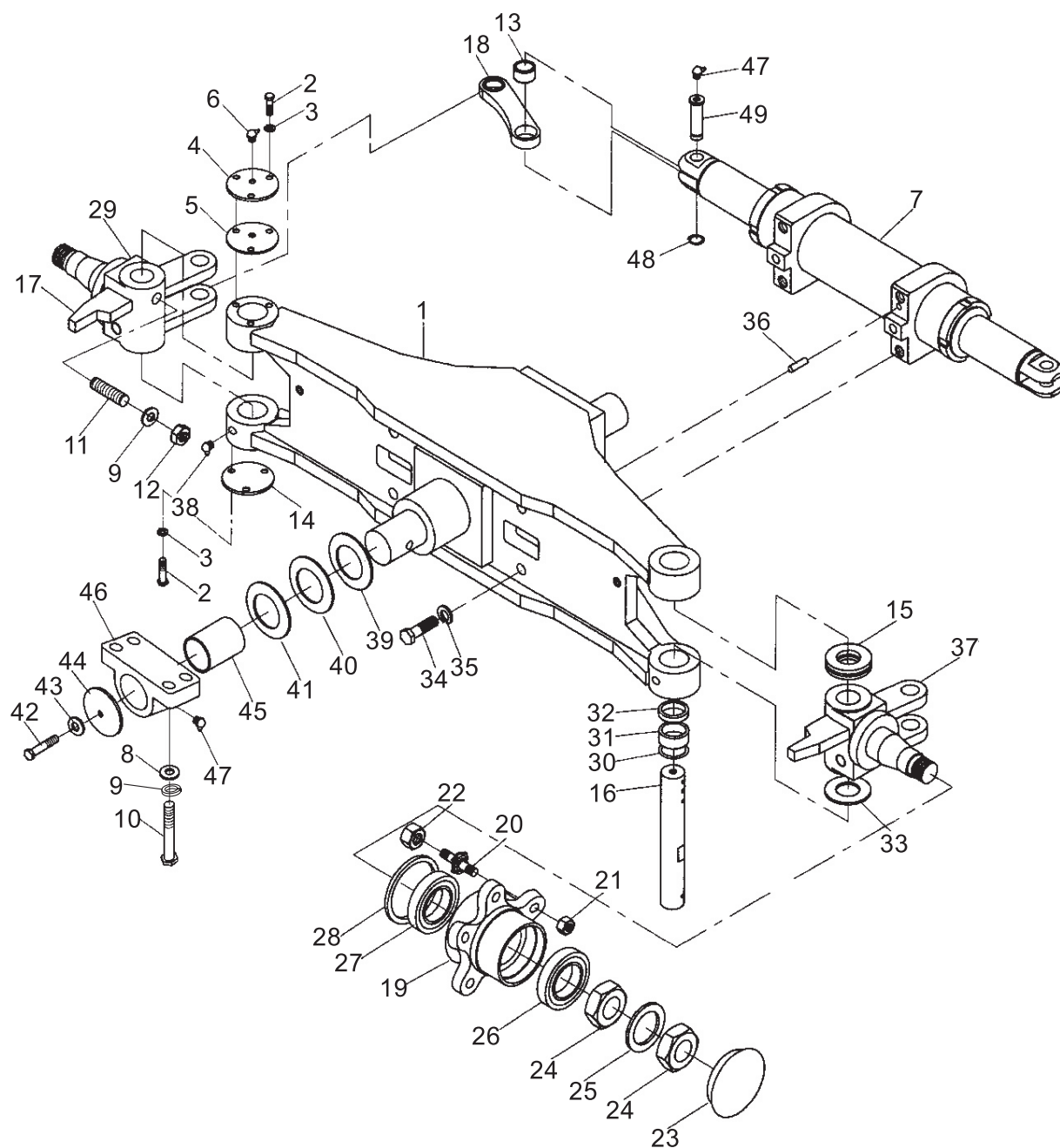
Steering control



Steering control

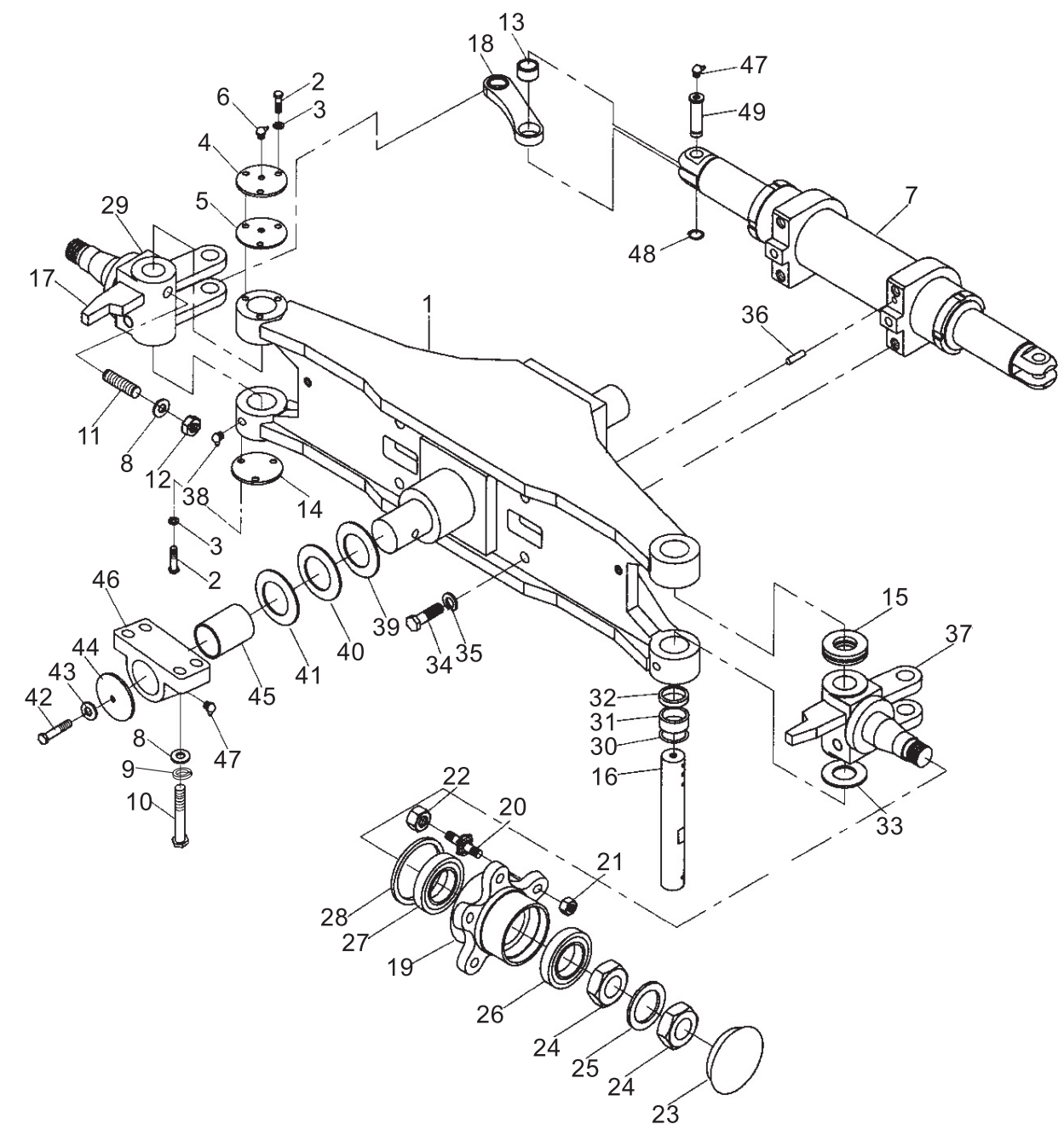
Item	Part No	Description	Q'ty	Remark
23	A30A6-00009	Rubber	4	
24	A30B6-00001	Bolt	1	
25	A30C6-00002	I Spacer	1	
26	A30B6-00002	Nut	1	
27	A30B6-00101	Lever	1	
28	A30A6-00004	Washer	2	
29	A30A6-00005	Bolt	2	
30	GB/T93	8 Washer,lock	1	
31	GB/T5783	M8×35 Bolt	1	
32	A50A6-00300	Wheel,Steering ass'y	1	
33	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

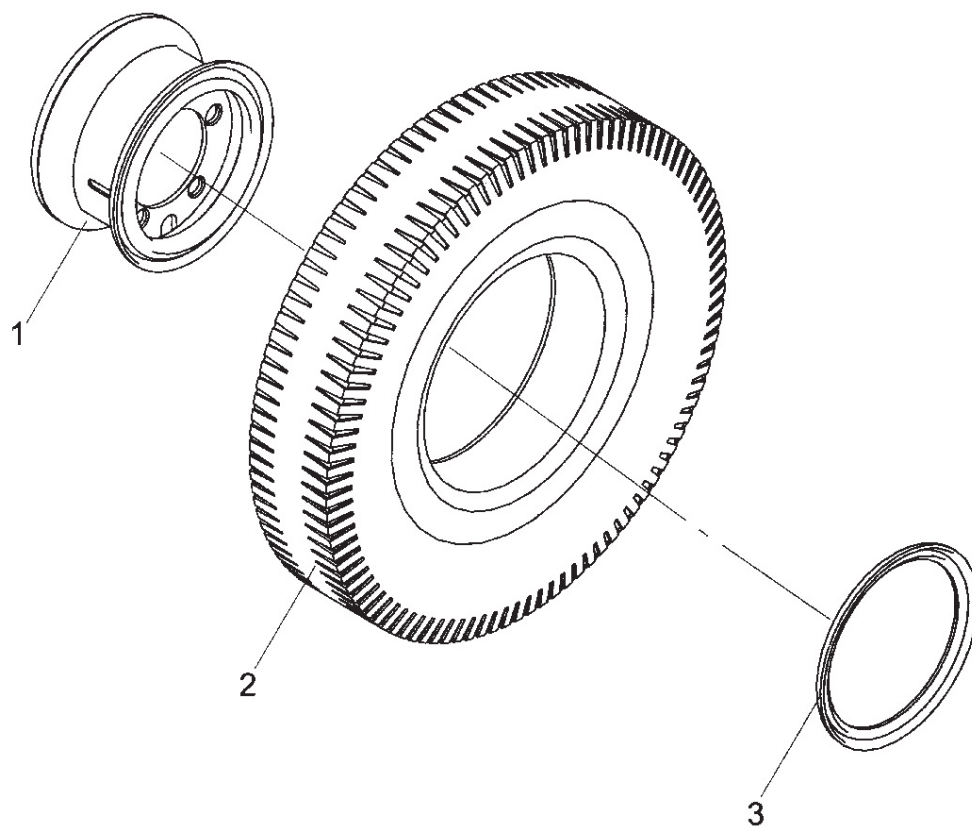
Item	Part No	Description	Q'ty	Remark
1	A50A6-10200	Axle ass'y	1	
2	GB/T5783	M8×16 Bolt	12	
3	GB/T93	8 Washer,lock	12	
4	A50A6-10201	Cap,hub	2	
5	A50A6-10202	Washer	2	
6	ZBT33001.2	Fitting,grease	2	
7	A50A6-10400	Power cylinder ass'y	1	
8	GB/T97.1	16 Washer,lock	8	
9	GB/T93	16 Washer,lock	10	
10	GB/T5783	M16×65 Bolt	8	
11	GB/T78	M16×50 Screw	2	
12	GB/T6170	M16 Nut	2	
13	GB/T9163	GE30ES Bearing	4	
14	A50A6-10203	Nut	2	
15	A50A6-10204	Bearing	2	
16	A50A6-10205	Pin,king	2	
17	A50A6-10206	Board	2	
18	A50A6-10207	Link	2	
19	A50A6-10208	8. 25-15-14PR Hub	2	
20	A50A6-10209	Bolt,hub	12	
21	A50A6-10210	Nut,hub	12	
22	GB/T6171	M20×1.5 Nut	12	
23	A50A6-10211	Cap, hub	2	
24	GB/T812	M55×2 Nut	4	
25	GB/T858	55 Washer	2	



Steering axle

Item	Part No	Description	Q'ty	Remark
26	GB/T297	32211 Bearing	2	
27	GB/T297	32215 Bearing	2	
28	GB/T9877.1	U B95×130×12D U-ring	2	
29	A50A6-10500(R)	Knuckle,R.H. ass'y	1	
30	A50A6-10212	Seal, oil	4	
31	A50A6-10213	Bearing,needle	8	
32	A50A6-10214	Spacer	2	
33	A50A6-10215	Shim	2	
34	GB/T5786	M20×1. 5×55 Bolt	4	
35	GB/T93	20 Washer,lock	4	
36	GB/T119.1	B16×32 Pin	2	
37	A50A6-10500(L)	Knuckle,L.H. assy	1	
38	ZBT33001.1	Fitting,grease	2	
39	A50A6-10216	Shim	2	
40	A50A6-10217	Shim	2	
41	A50A6-10218	Shim	2	
42	GB/T5786	M12×1. 5×25 Bolt	2	
43	GB/T93	12 Washer,lock	2	
44	A50A6-10219	Plate	2	
45	A50A6-10220	Bushing	4	
46	A50A6-10221	Bracket	2	
47	ZBT33001.1	M6 Fitting,grease	4	
48	GB/T894.1	30 Snap ring	4	
49	A50A6-10222	Pin	4	

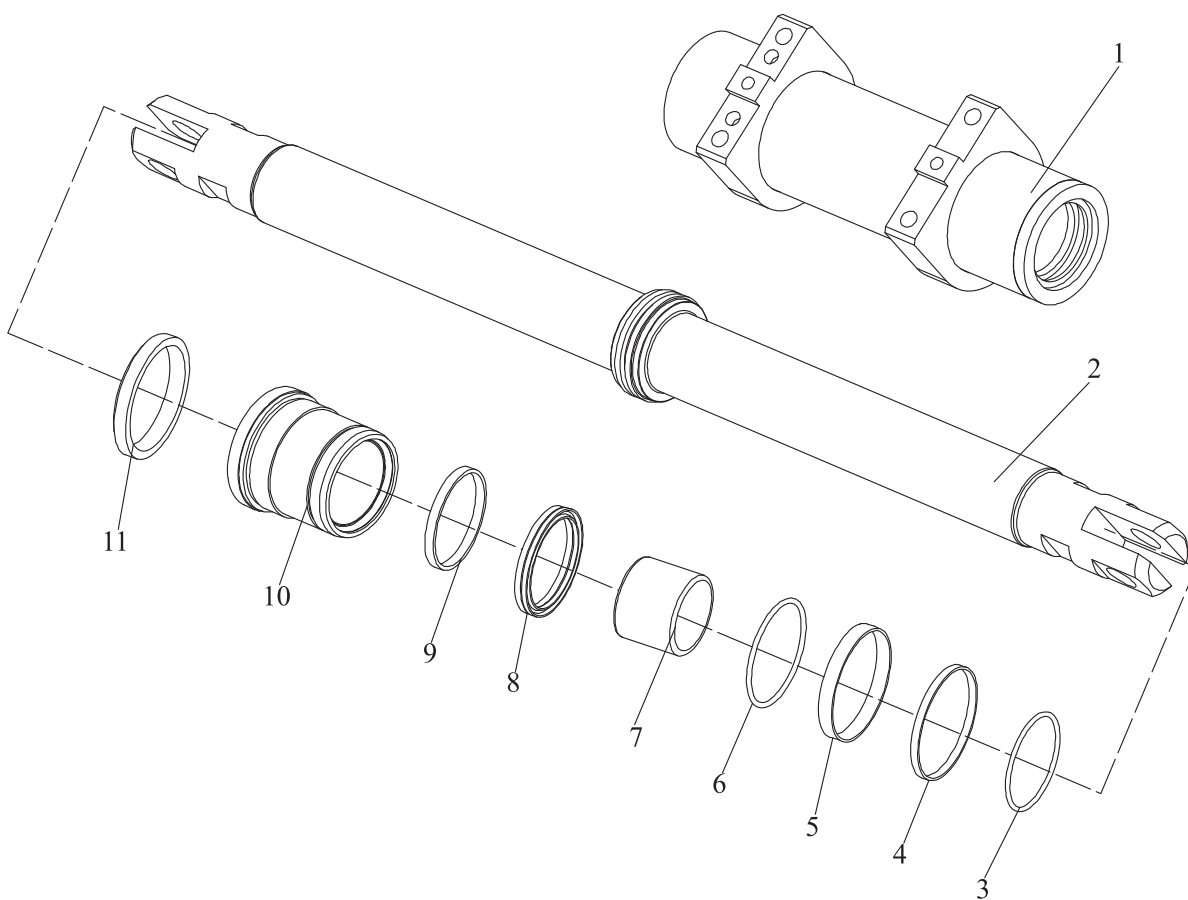
Steering wheel



Steering wheel

Item	Part No	Description	Q'ty	Remark
1	A50A6-10300	6.5-15 Rim ass'y	2	
2	GB/T2982	8. 25-15-14PR Tire	2	
3	A50A6-10301	Snap,ring	2	

Steering cylinder



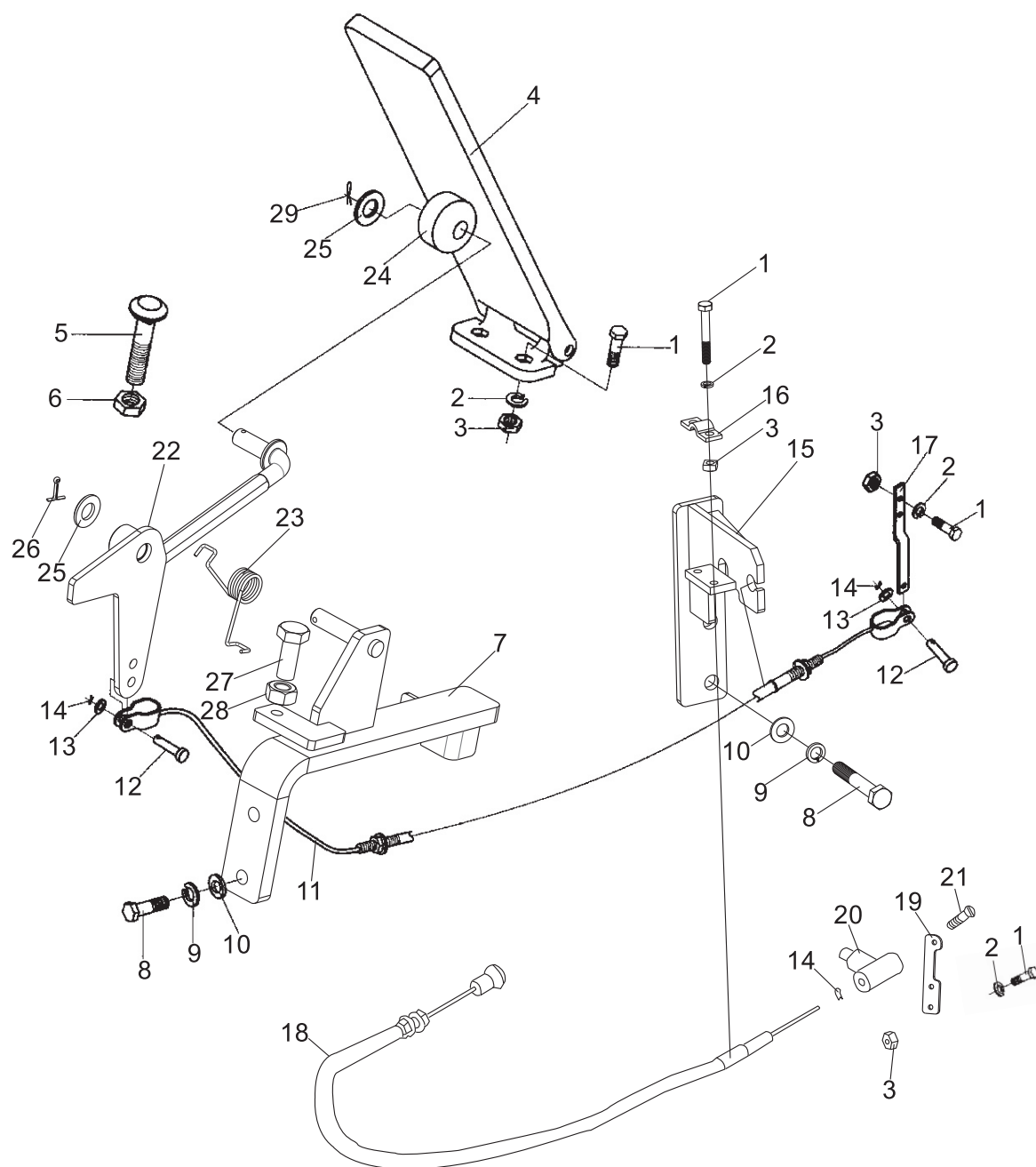
Steering cylinder

Item	Part No	Description	Q'ty	Remark
A	A50A6-10400	Power cylinder	1	
1	A50A6-10405	Body, steering cylinder	1	
2	A50A6-10600	Piston rod ass'y	1	
3	GB/T1235	O d110×5.7 O-ring	1	
4	A50A6-10409	Seal, slipper	1	
5	A50A6-10410	Sear, slipper	2	
6	GB/T1235	O d109.4×3.1 O-ring	2	
7	A50A6-10408	85×90×80 Bushing	2	
8	A50A6-10403	d85×100×9 U-ring	2	
9	A50A6-10402	d85×100×3 Ring, snap	2	
10	A50A6-10407	Guide	2	
11	A50A6-10401	d85×97.2×7.1 Dust ring	2	

ACCELERATOR PEDAL

Accelerator pedal

FD50,60,70,80-CY1/YC2



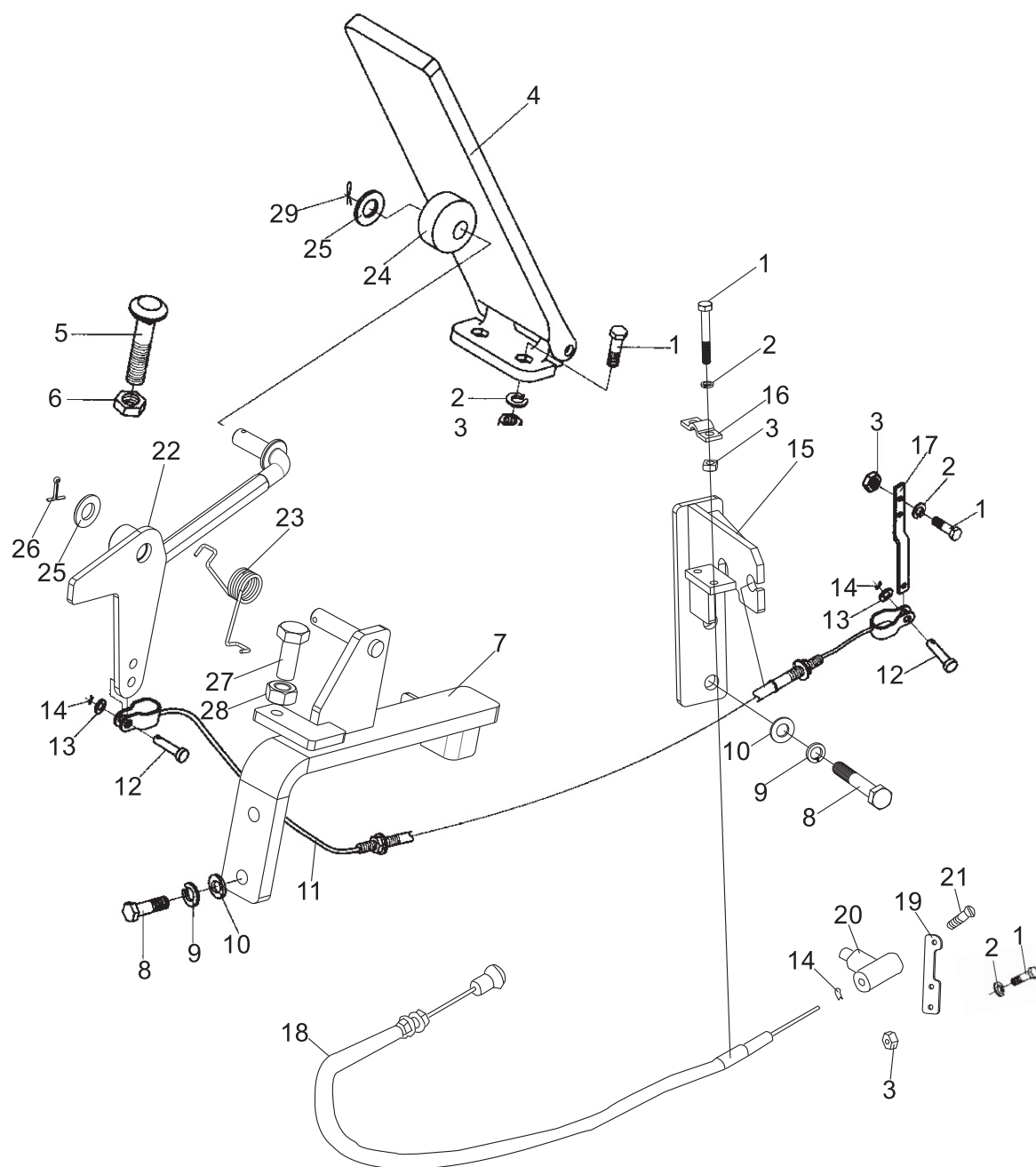
Accelerator pedal

FD50,60,70,80-CY1/YC2

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	8	
2	GB/T93	M6 Washer,lock	8	
3	GB/T6170	M6 Nut	8	
4	A30A7-30100	Accelerator pedal ass'y	1	
5	A30A7-30002	Bolt	1	
6	GB/T6170	M12 Nut	1	
7	A50A7-30110	Bracket	1	
8	GB/T5783	M10×35 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	GB/T97.1	10 Washer	4	
11	A50A7-30400	Soft shaft ass'y	1	FD50,60,70,80-CY1
-	A50G7-30400	Soft shaft ass'y	1	FD50,60,70,80-YC2
12	GB/T882	6×16 Pin	2	
13	GB/T97.1	6 Washer	2	
14	GB/T91	1.6×20 Pin	3	
15	A50A7-30500	Bracket	1	FD50,60,70,80-CY1
-	A50G7-30500	Bracket	1	FD50,60,70,80-YC2
16	A50A7-30001	Pressure plate	1	
17	A50A7-30002	Link	1	
18	A50A7-30600	Pedal	1	FD50,60,70,80-CY1
-	A50G7-30600	Pedal	1	FD50,60,70,80-YC2
19	A50A7-30003	Link	1	
20	A30A7-30008	Clevis	1	
21	GB/T29.2	M5×10 Bolt	1	
22	A50A7-30120	Link, ass'y	1	

Accelerator pedal

FD50,60,70,80-CY1/YC2



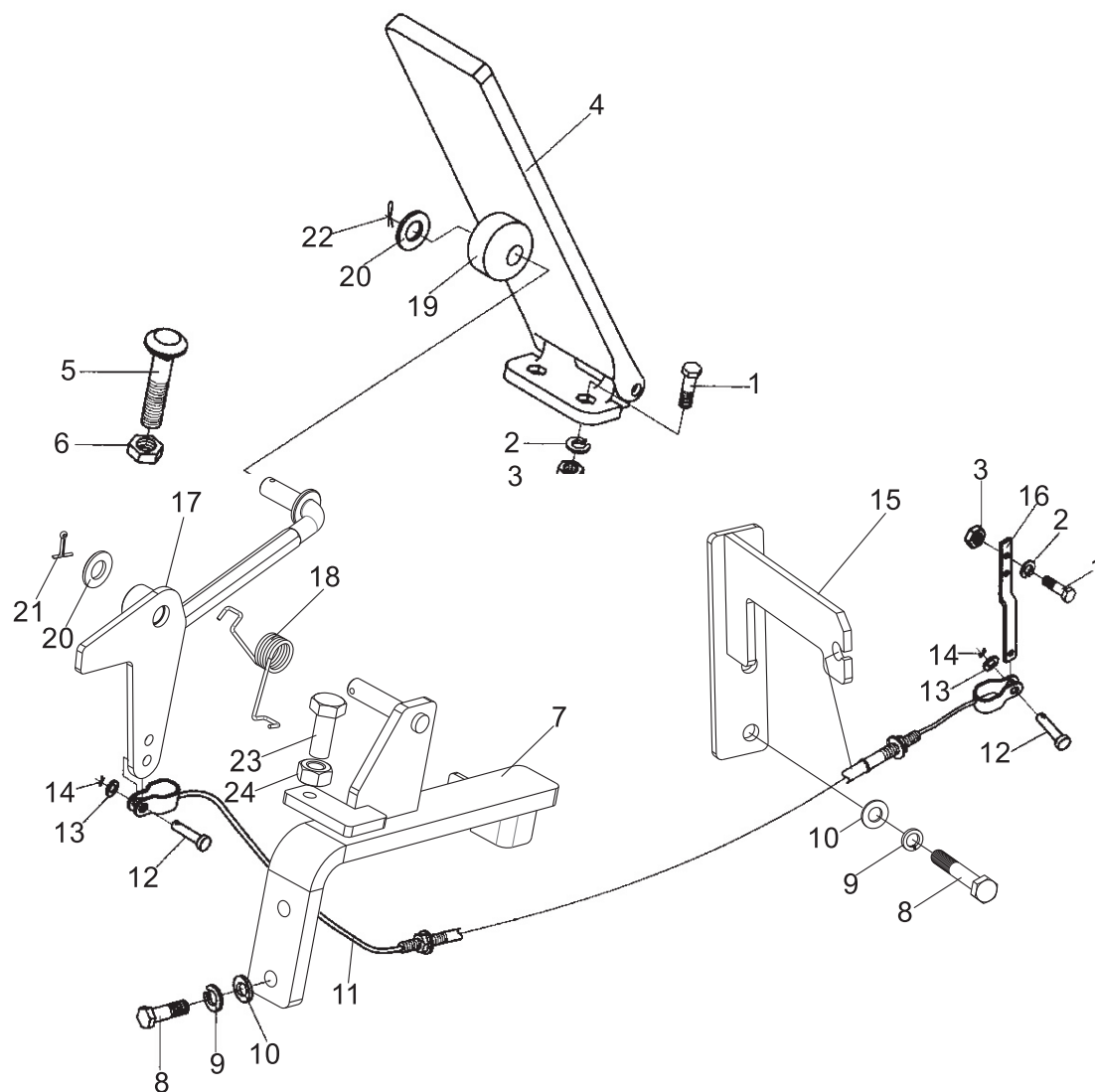
Accelerator pedal

FD50,60,70,80-CY1/YC2

Item	Part No	Description	Q'ty	Remark
23	A50A7-30105	Spring	1	
24	A30A7-30001	Sheave	1	
25	GB/T97.1	10 Washer	2	
26	GB/T91	2×25 Pin	1	
27	GB/T5783	M10×25 Bolt	1	
28	GB/T6170	M12 Nut	1	
29	GB/T91	2. 5×20 Pin	1	

Accelerator pedal

FD50,60,70,80-W3



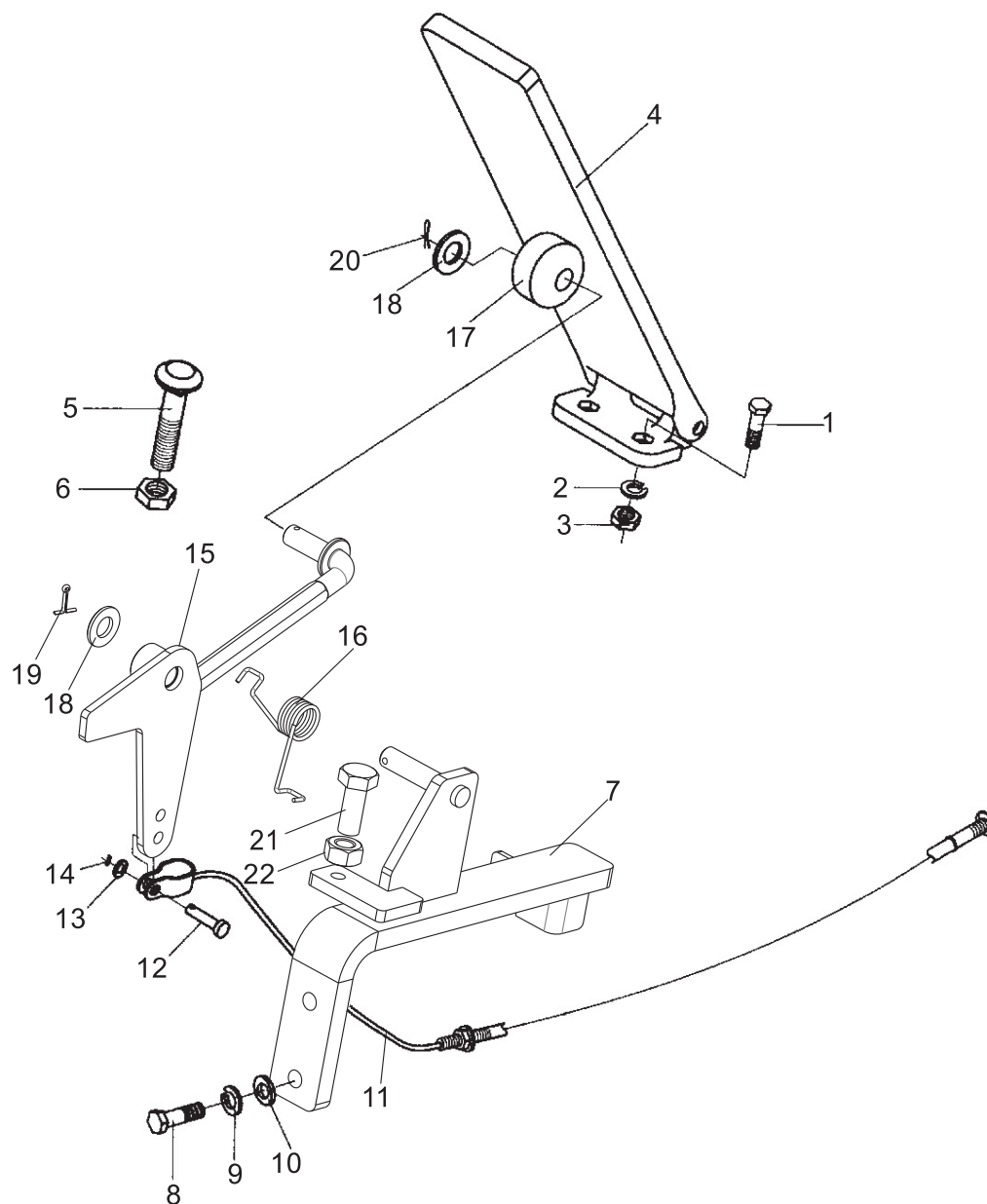
油门操纵
Accelerator pedal

FD50,60,70,80-W3

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	4	
2	GB/T93	6 Washer,lock	4	
3	GB/T6170	M6 Nut	4	
4	A30A7-30100	Accelerator pedal ass'y	1	
5	A30A7-30002	Bolt	1	
6	GB/T6170	M12 Nut	1	
7	A50A7-30110	Bracket	1	
8	GB/T5783	M10×35 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	GB/T97.1	10 Washer	4	
11	A50A7-30400	Soft shaft ass'y	1	
12	GB/T882	6×16 Pin	2	
13	GB/T97.1	6 Washer	2	
14	GB/T91	1.6×20 Pin	2	
15	A50B7-30100	Bracket	1	
16	A50A7-30002	Link	1	
17	A50A7-30120	Link, ass'y	1	
18	A50A7-30105	Spring	1	
19	A30A7-30001	Sheave	1	
20	GB/T97.1	10 Washer	2	
21	GB/T91	2×25 Pin	1	
22	GB/T91	2.5×20 Pin	1	
23	GB/T5783	M10×25 Bolt	1	
24	GB/T6170	M12 Nut	1	

Accelerator pedal

FD50,60,70,80-S3



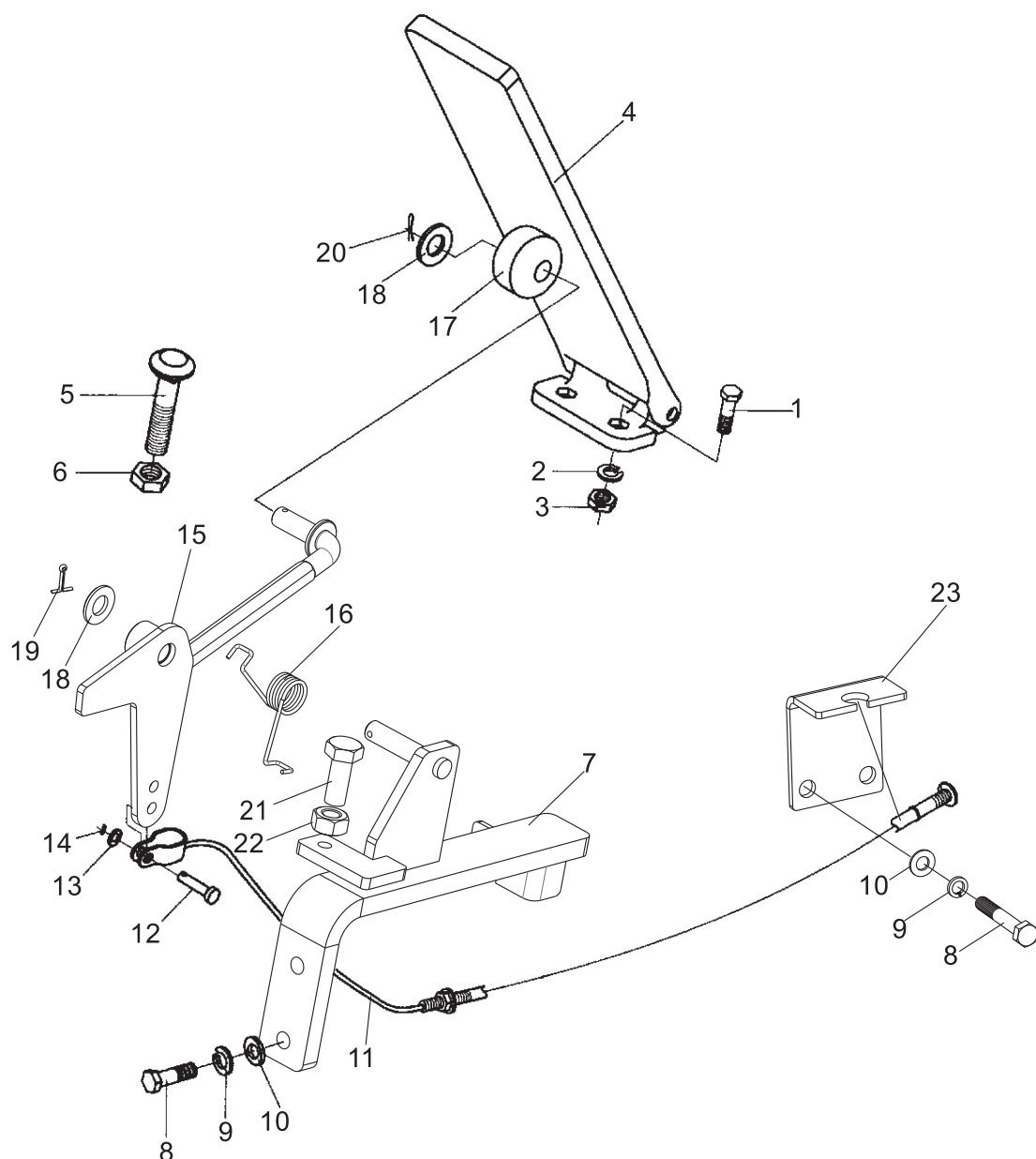
Accelerator pedal

FD50,60,70,80-S3

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	2	
2	GB/T93	6 Washer,lock	2	
3	GB/T6170	M6 Nut	2	
4	A30A7-30100	Accelerator pedal ass'y	1	
5	A30A7-30002	Bolt	1	
6	GB/T6170	M12 Nut	1	
7	A50A7-30110	Bracket	1	
8	GB/T5783	M10×35 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	GB/T97.1	10 Washer	2	
11	A50E7-30100	Soft shaft ass'y	1	
12	GB/T882	6×16 Pin	1	
13	GB/T97.1	6 Washer	1	
14	GB/T91	1.6×20 Pin	1	
15	A50A7-30120	Link, ass'y	1	
16	A50A7-30105	Spring	1	
17	A30A7-30001	Sheave	1	
18	GB/T97.1	10 Washer	2	
19	GB/T91	2×25 Pin	1	
20	GB/T91	2.5×20 Pin	1	
21	GB/T5783	M10×25 Bolt	1	
22	GB/T6170	M12 Nut	1	

Accelerator pedal

FY50,60,70,80-G3



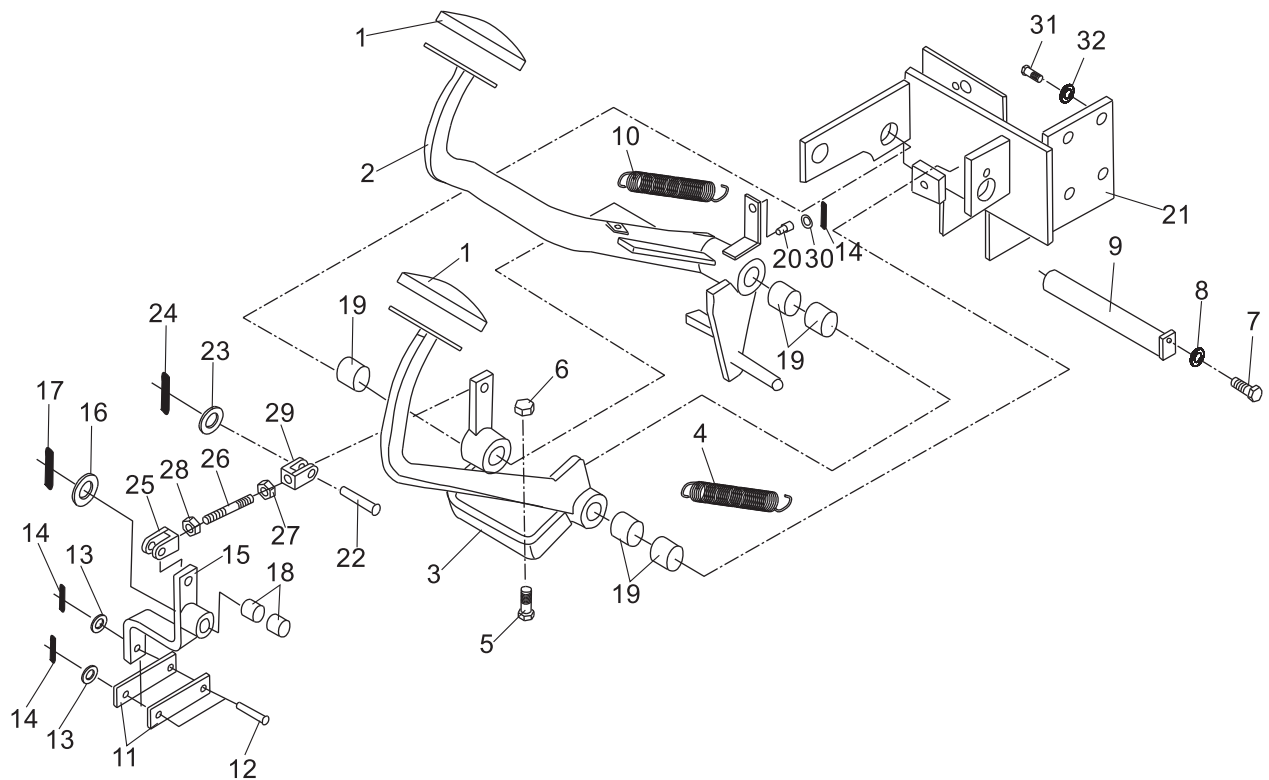
Accelerator pedal

FY50,60,70,80-G3

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	2	
2	GB/T93	6 Washer,lock	2	
3	GB/T6170	M6 Nut	2	
4	A30A7-30100	Accelerator pedal ass'y	1	
5	A30A7-30002	Bolt	1	
6	GB/T6170	M12 Nut	1	
7	A50A7-30110	Bracket	1	
8	GB/T5783	M10×35 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	GB/T97.1	10 Washer	4	
11	A50F7-30100	Soft shaft ass'y	1	
12	GB/T882	6×16 Pin	1	
13	GB/T97.1	6 Washer	1	
14	GB/T91	1.6×20 Pin	1	
15	A50A7-30120	Link, ass'y	1	
16	A50A7-30105	Spring	1	
17	A30A7-30001	Sheave	1	
18	GB/T97.1	10 Washer	2	
19	GB/T91	2×25 Pin	1	
20	GB/T91	2.5×20 Pin	1	
21	GB/T5783	M10×25 Bolt	1	
22	GB/T6170	M12 Nut	1	
23	A50F7-30001	Bracket	1	

BRAKE SYSTEM

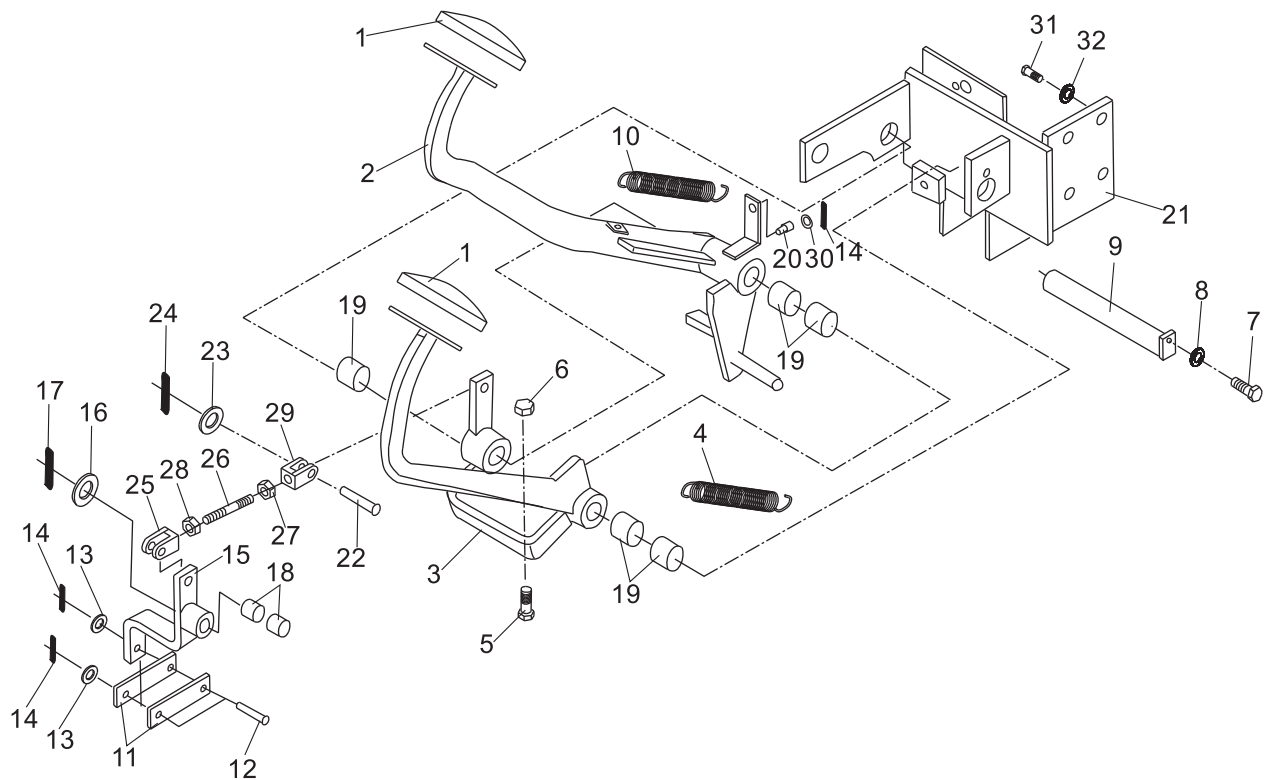
Brake & inching control FD50,60,70,80-CY1/W3



Brake & inching control FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
1	A30A7-11001	Head cover	2	
2	A50A7-12200	Pedal, brake	1	
3	A50A7-12100	Pedal, inching	1	
4	A50A7-12001	Spring	1	
5	GB/T6170	M10 Nut	3	
6	GB/T5783	M10×40 Bolt	3	
7	GB/T5783	M8×16 Bolt	1	
8	GB/T97.1	Washer	1	
9	A50A7-12600	Shaft, oil	1	
10	A50A7-12002	Spring	1	
11	A50A7-12003	Link	2	
12	GB/T882	B6×28 Pin	2	
13	GB/T97.1	6 Washer	2	
14	GB/T91	2×16 Pin	3	
15	A50A7-12400	Link	1	
16	GB/T97.1	16 Washer	1	
17	GB/T91	4×32 Pin	1	
18	A50A7-12004	1620 Bushing	2	
19	A50A7-12005	2525 Bushing	5	
20	A30B7-11002	Nylon	1	
21	A50A7-12300	Bracket	1	

Brake & inching control FD50,60,70,80-CY1/W3

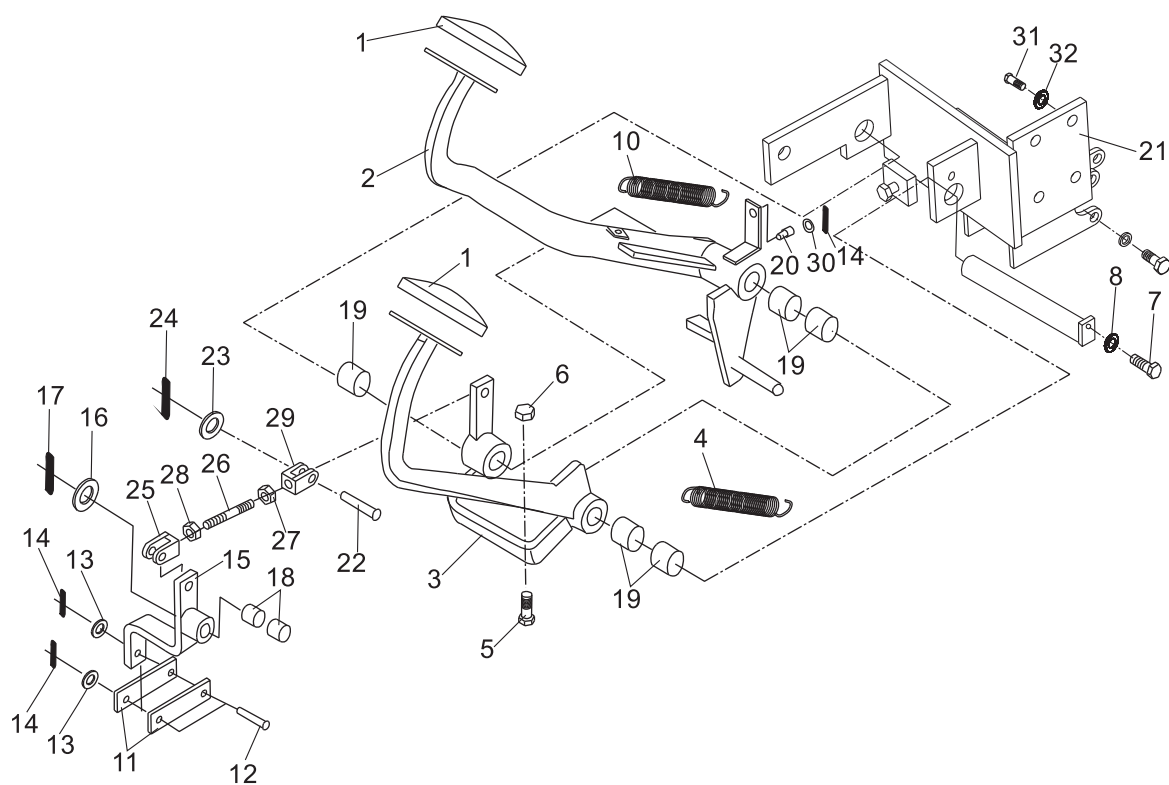


Brake & inching control FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
22	GB/T882	B10×30Pin	2	
23	GB/T97.1	10 Washer	2	
24	GB/T91	3. 2×22 Pin	2	
25	A30B7-11001	clevis	1	
26	A50A7-12501	Rod	1	
27	GB/T6170	M8 Nut(L. H)	1	
28	GB/T6170	M8 Nut(R. H)	1	
29	A30B7-11004	clevis	1	
30	GB/T97.1	8 Washer	1	
31	GB/T5783	M12×20 Bolt	4	
32	GB/T93	12 Washer, lock	4	

FD50,60,70,80-S3/YC2/KMS2
FY50,60,70,80-G3/G4

Brake & inching control

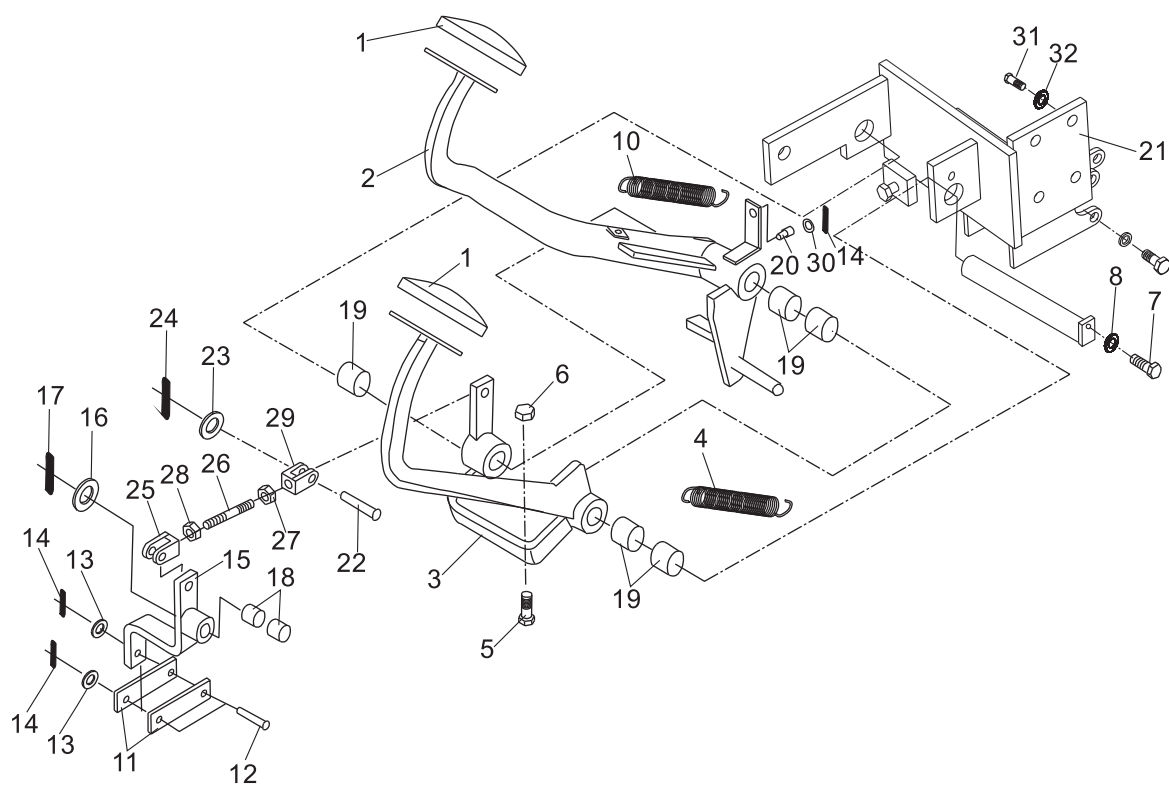


FD50,60,70,80-S3/YC2/KMS2
 Brake & inching control FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
1	A30A7-11001	Head cover	2	
2	A90B7-11100	Pedal, brake	1	
3	A50A7-12100	Pedal, inching	1	
4	A50A7-12001	Spring	1	
5	GB/T6170	M10 Nut	3	
6	GB/T5783	M10×40 Bolt	3	
7	GB/T5783	M8×16 Bolt	1	
8	GB/T97.1	Washer	1	
9	A50A7-12600	Shaft, oil	1	
10	A50A7-12002	Spring	1	
11	A50A7-12003	Link	2	
12	GB/T882	B6×28 Pin	2	
13	GB/T97.1	6 Washer	2	
14	GB/T91	2×16 Pin	3	
15	A90B7-11300	Link	1	
16	GB/T97.1	16 Washer	1	
17	GB/T91	4×32 Pin	1	
18	A50A7-12004	1620 Bushing	2	
19	A50A7-12005	2525 Bushing	5	
20	A30B7-11002	Nylon	1	
21	A90B7-11200	Bracket	1	

FD50,60,70,80-S3/YC2/KMS2
 FY50,60,70,80-G3/G4

Brake & inching control

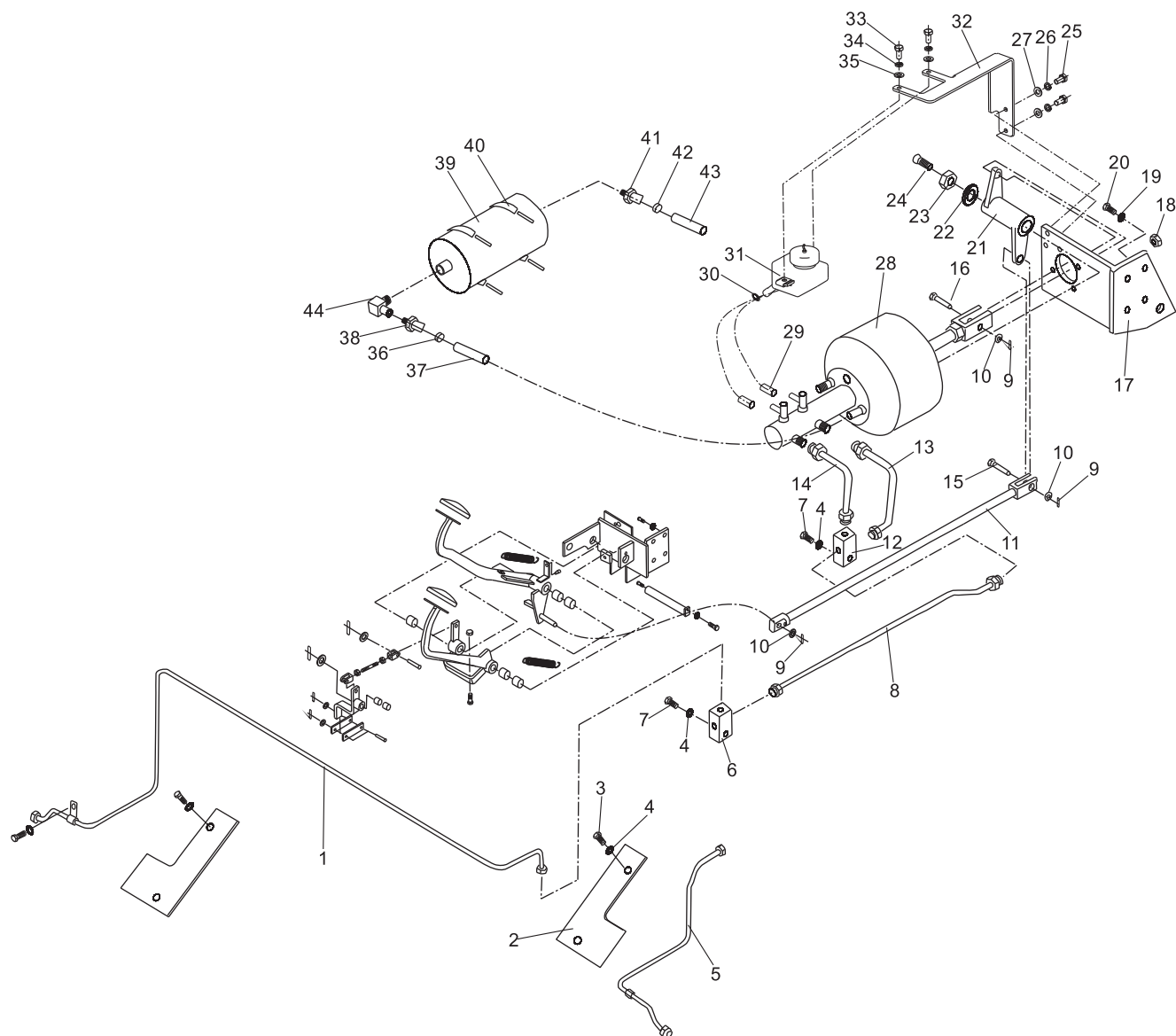


FD50,60,70,80-S3/YC2/KMS2
 FY50,60,70,80-G3/G4
 Brake & inching control

Item	Part No	Description	Q'ty	Remark
22	GB/T882	B10×30Pin	2	
23	GB/T97.1	10 Washer	2	
24	GB/T91	3. 2×22 Pin	2	
25	A30B7-11001	clevis	1	
26	A90B7-11401	Rod	1	
27	GB/T6170	M8 Nut(L. H)	1	
28	GB/T6170	M8 Nut(R. H)	1	
29	A30B7-11004	clevis	1	
30	GB/T97.1	8 Washer	1	
31	GB/T5783	M12×20 Bolt	4	
32	GB/T93	12 Washer, lock	4	

Brake Piping System

FD50,60,70,80-CY1/W3



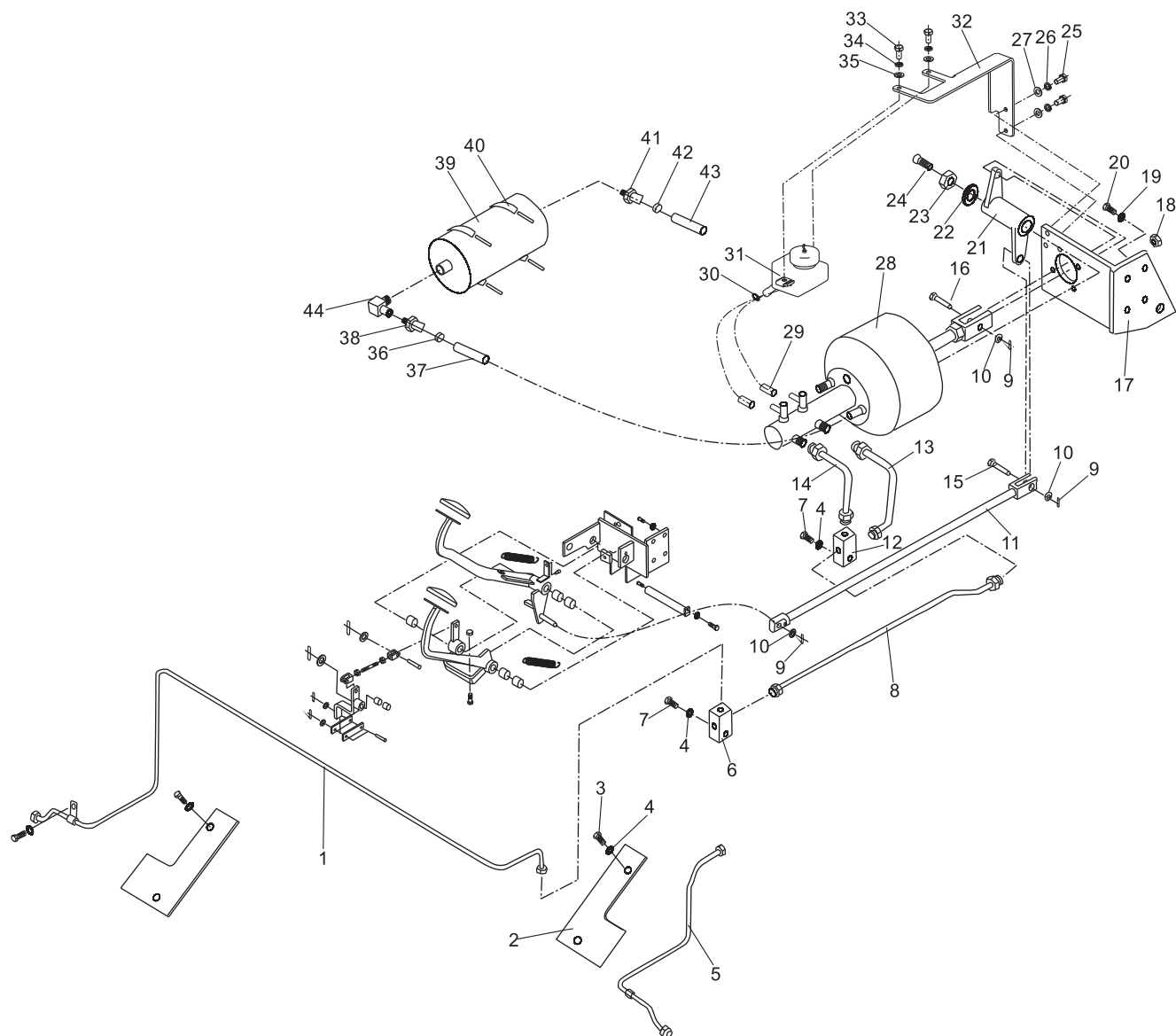
Brake Piping System

FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
1	A50A7-10100	(B) Pipe ass'y	1	
2	A50A7-10001	Guard	2	
3	GB/T5786	M10×1.25×20 Bolt	4	
4	GB/T93	10 Washer, Lock	6	
5	A50A7-10200	(A) Pipe ass'y	1	
6	GJT-46-00	Three way	1	
7	GB/T5783	M10×30 Bolt	2	
8	A50A7-10300	(E) Pipe ass'y	1	
9	GB/T91	3.2×28 Pin	3	
10	GB/T97.1	14 Washer	3	
11	A50A7-10400	Link	1	
12	GJT-45-00	Three way	1	
13	A50A7-10500	(F) Pipe ass'y	1	
14	A50A7-10600	(G) Pipe ass'y	1	
15	GB/T882	B14×35 Pin, cotter	1	
16	GB/T882	B14×28 Pin, cotter	1	
17	A50A7-10710	Bracket	1	
18	GB/T6177.1	M8 Nut	4	
19	GB/T93	12 Washer, lock	4	
20	GB/T5783	M12×20 Bolt	4	
21	A50A7-10720	Link	1	
22	GB/T97.1	20 Washer	1	

Brake Piping System

FD50,60,70,80-CY1/W3



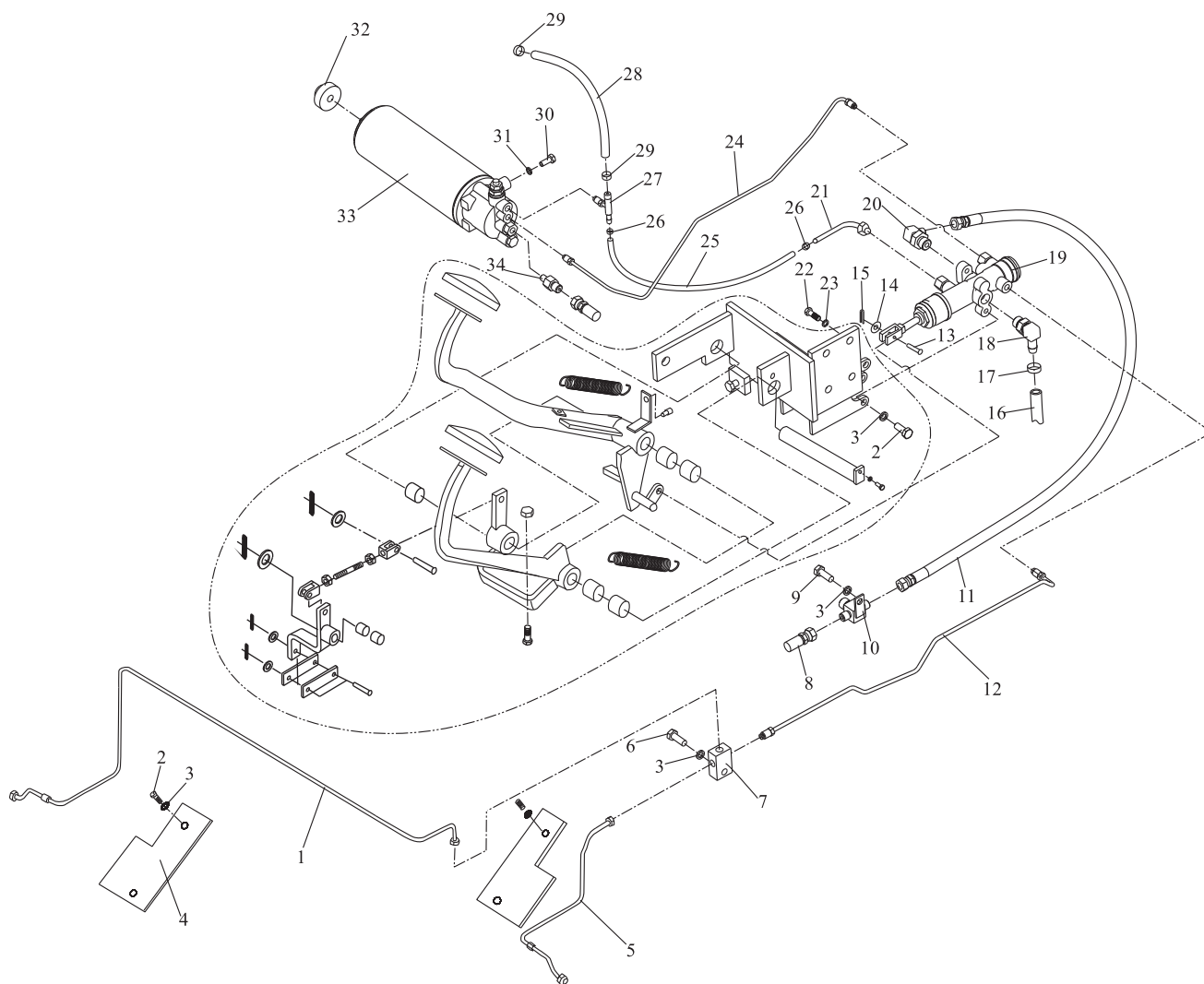
Brake Piping System

FD50,60,70,80-CY1/W3

Item	Part No	Description	Q'ty	Remark
23	GB/T6170	M20 Nut	1	
24	JB/T7940.2	45° M10×1 Fiting, grease	1	
25	GB/T5783	M8×16 Bolt	2	
26	GB/T93	8 Washer, Lock	2	
27	GB/T97.1	8 Washer	2	
28	A50A7-10900	Hydromaster	1	
29	TG000-10026	10×260 Hose	2	
30	TK000-10016	10-16 Clip	4	
31	A50C7-10100	Reserve tank	1	
32	A50C7-10001	Bracket	1	
33	GB/T5783	M6×16 Bolt	2	
34	GB/T93	6 Washer, Lock	2	
35	GB/T97.1	6 Washer	2	
36	TK000-13019	13-19 Clip	2	
37	TG000-10070	10×700 Hose	1	
38	GJT-67-00	Joint	1	
39	A50A7-11200	Vacuum tank	1	
40	A50A7-11300	Clip	2	
41	GJT-141-00	Joint	1	
42	TK000-22032	22-32 Clip	2	
43	TG000-19200	19×2000 Vacuum hose	1	
44	GJT-140-00	Elbow	1	

Brake Piping System

FD50,60,70,80-S3
FY50,60,70,80-G3/G4



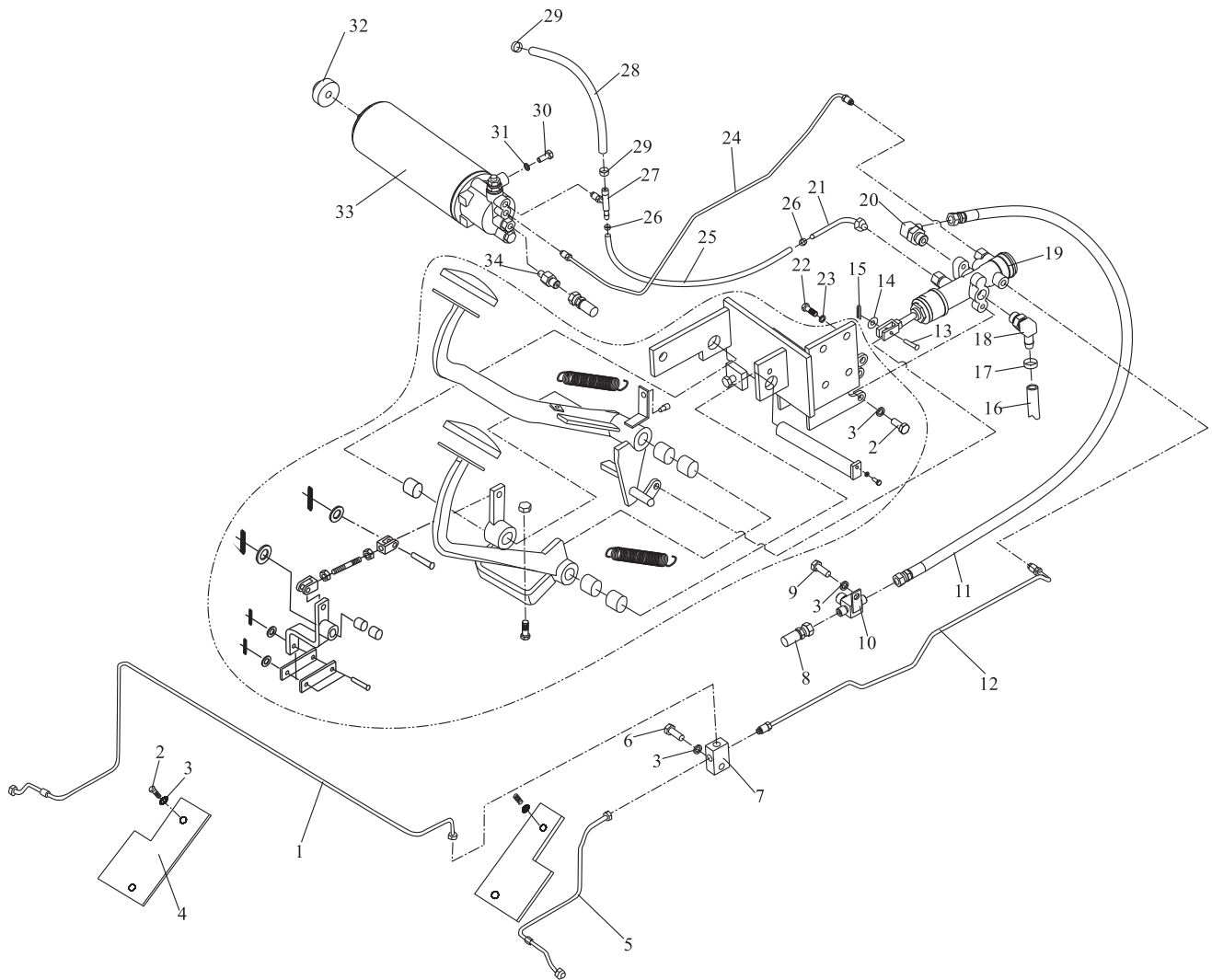
Brake Piping System

FD50,60,70,80-S3
FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
1	A50A7-10100	(B) Pipe ass'y	1	
2	GB/T5786	M10×1.25×20 Bolt	8	
3	GB/T93	10 Washer, lock	10	
4	A50A7-10001	Board	2	
5	A50A7-10200	(A) Pipe ass'y	1	
6	GB/T5783	M10×30 Bolt	1	
7	GJT-46-00	Three way	1	
8	TGIBI-08031*G	8I×310 Hose H.P.	1	
9	GB/T5783	M10×15 Bolt	1	
10	GJT-149-00	Three way	1	
11	TGIBI-08033*G	8I×330 Hose H.P.	1	
12	A90B7-10600	F Brake pipe	1	
13	GB/T882	B10×28 Pin	2	
14	GB/T97.1	10 Washer	2	
15	GB/T91	2.5×28 Pin	2	
16	TG000-13150	13×1500 Hose L.P.	1	
17	TK000-16025	16 25 Clip	2	
18	GJT-158-00	Elbow	1	
19	A90B7-10700	Brake pump ass'y	1	
20	GJT-156-00	Elbow	1	

Brake Piping System

FD50,60,70,80-S3
FY50,60,70,80-G3/G4



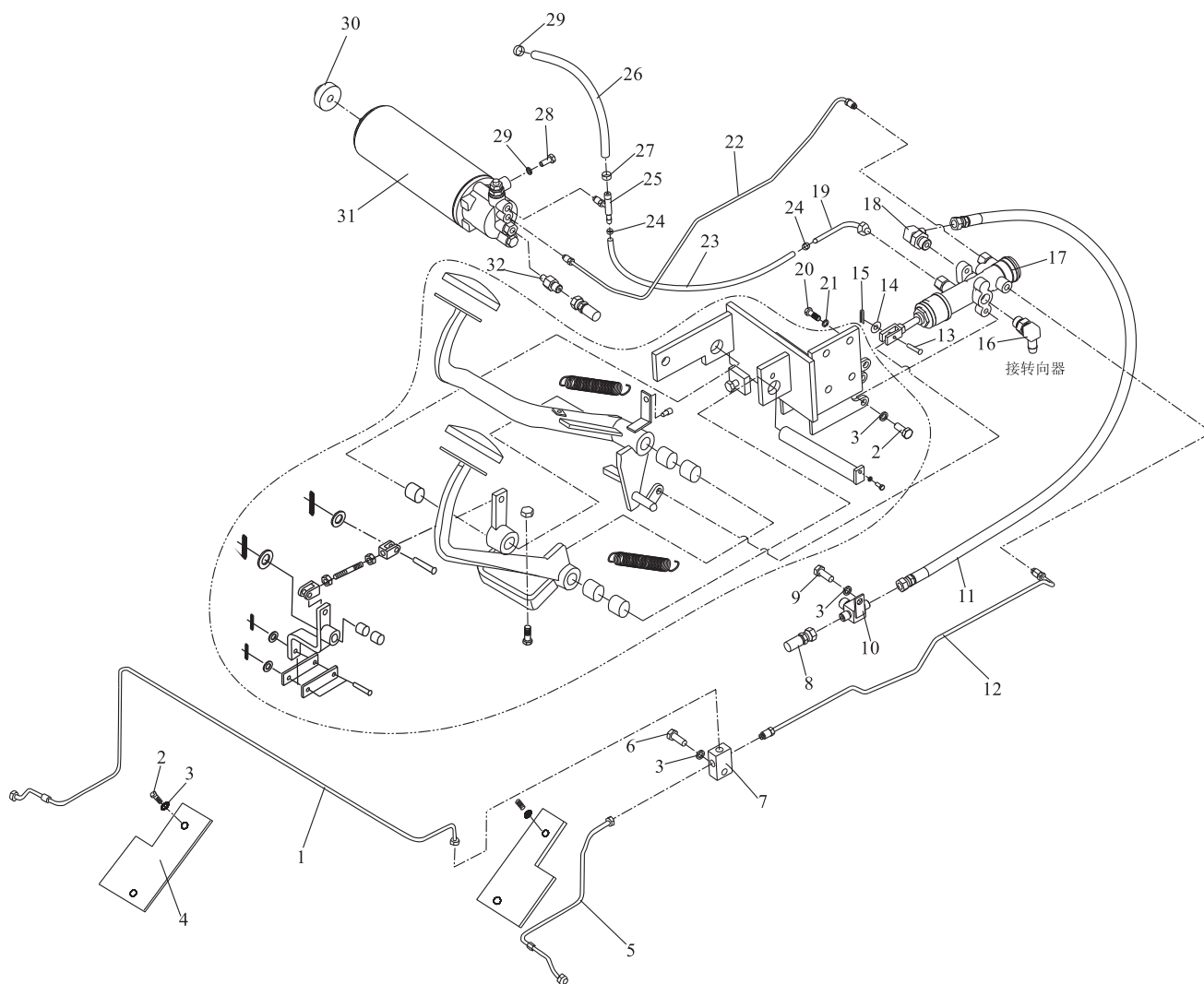
Brake Piping System

FD50,60,70,80-S3
FY50,60,70,80-G3/G4

Item	Part No	Description	Q'ty	Remark
21	A90B7-10800	Elbow Pipe	1	
22	GB/T5783	M12×20 Bolt	4	
23	GB/T93	12 Washer, lock	4	
24	A70A7-10100	Brake pipe	1	
25	TG000-06050	6×500 Hose L.P.	1	
26	TK000-10016	10~ 16 Clip	2	
27	A90B7-11100	Three steel	1	
28	TG000-10100	10×1000 Hose L.P.	1	
29	GB/T5783	13~ φ 19 Clip	2	
30	TK000-13019	M8×20 Bolt	2	
31	GB/T93	8 Washer, lock	2	
32	A30A5-40003	I Rubber	1	
33	A90B7-11200	Reserve ass'y	1	
34	GJT-159-00	Elbow	1	

Brake Piping System

FD50,60,70,80-YC2/KMS2



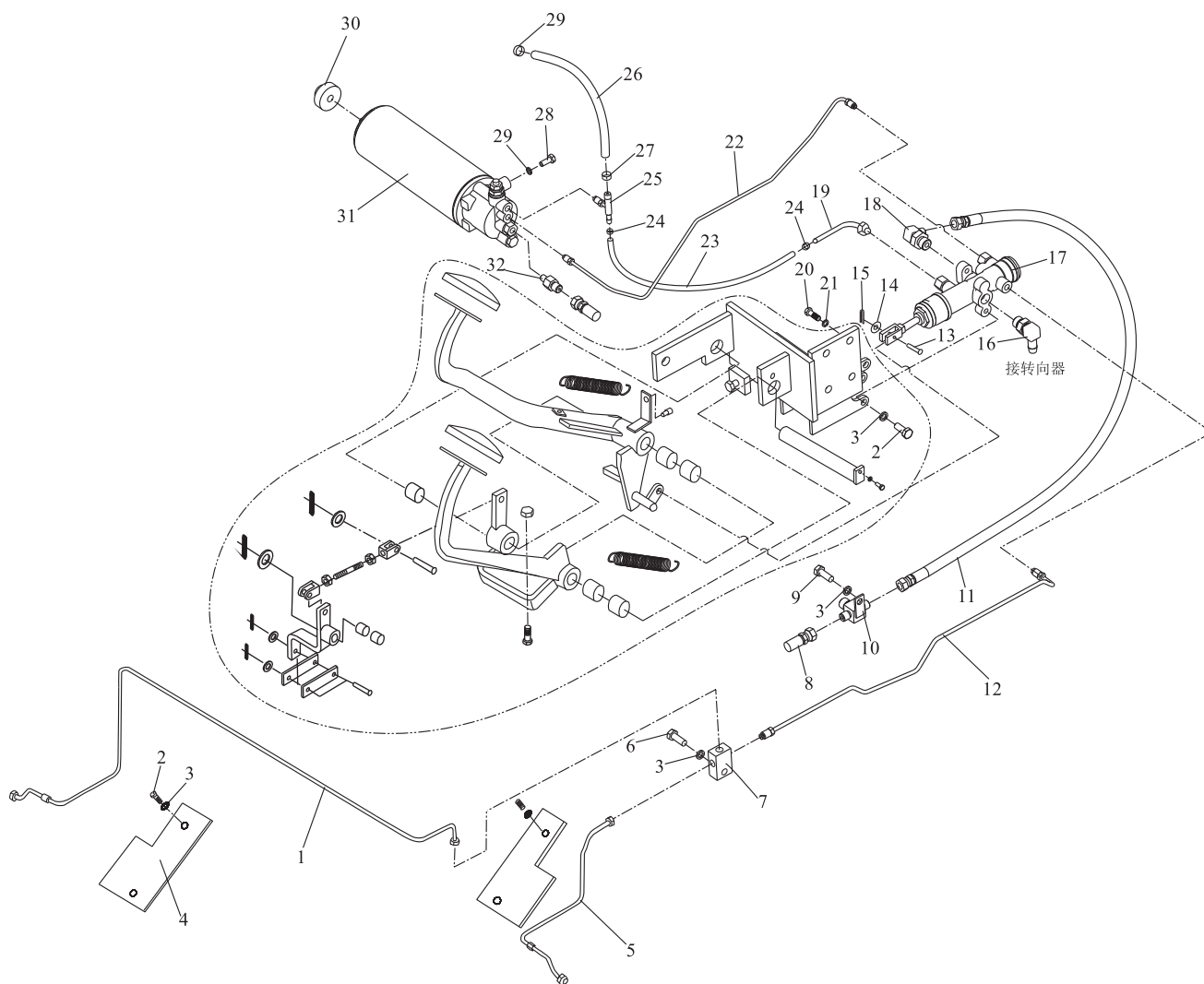
Brake Piping System

FD50,60,70,80-YC2/KMS2

Item	Part No	Description	Q'ty	Remark
1	A50A7-10100	(B) Pipe ass'y	1	
2	GB/T5786	M10×1.25×20 Bolt	8	
3	GB/T93	10 Washer, lock	10	
4	A50A7-10001	Board	2	
5	A50A7-10200	(A) Pipe ass'y	1	
6	GB/T5783	M10×30 Bolt	1	
7	GJT-46-00	Three way	1	
8	TGIBI-08031*G	8I×310 Hose H.P.	1	
9	GB/T5783	M10×15 Bolt	1	
10	GJT-149-00	Three way	1	
11	TGIBI-08033*G	8I×330 Hose H.P.	1	FD50,60,70,80-YC2
-	TGIBI-08043*G	8I×430 Hose H.P.	1	FD50,60,70,80-KMS2
12	A90B7-10600	F Brake pipe	1	
13	GB/T882	B10×28 Pin	2	
14	GB/T97.1	10 Washer	2	
15	GB/T91	2.5×28 Pin	2	
16	GJT-200-00	Elbow	1	FD50,60,70,80-YC2
-	GJT-381-00	Elbow	1	FD50,60,70,80-KMS2
17	A90B7-10700	Brake pump ass'y	1	
18	GJT-156-00	Elbow	1	
19	A90B7-10800	Elbow Pipe	1	
20	GB/T5783	M12×20 Bolt	4	

Brake Piping System

FD50,60,70,80-YC2/KMS2

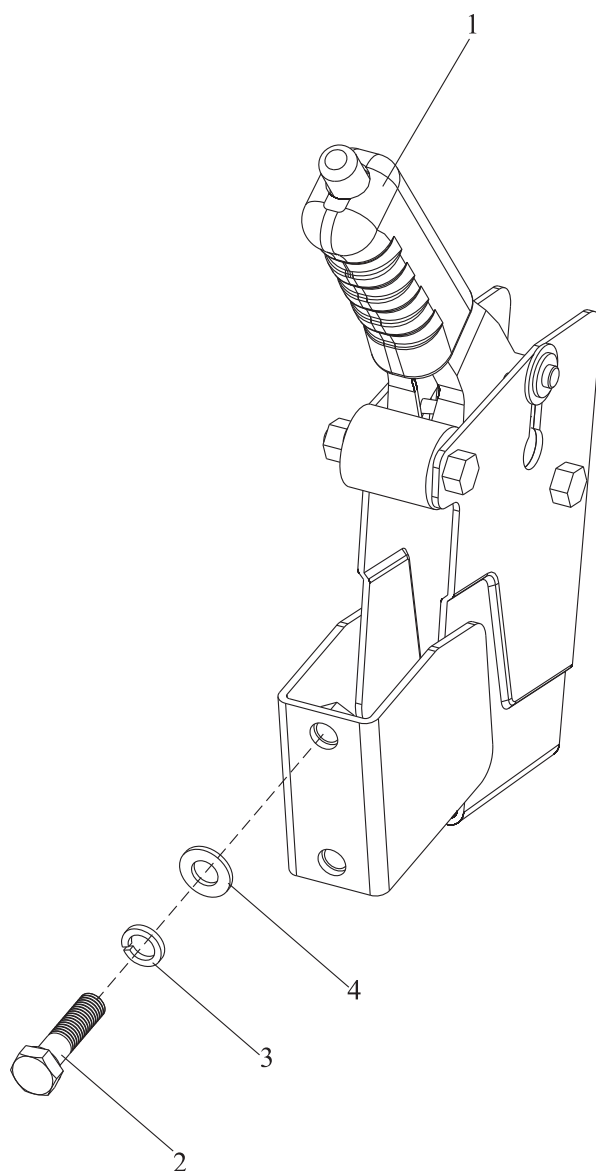


Brake Piping System

FD50,60,70,80-YC2/KMS2

Item	Part No	Description	Q'ty	Remark
21	GB/T93	12 Washer, lock	4	
22	A70A7-10100	Brake pipe	1	
23	TG000-06050	6×500 Hose L.P.	1	
24	TK000-10016	10~φ16 Clip	2	
25	A90B7-11100	Three steel	1	
26	TG000-10100	10×1000 Hose L.P.	1	
27	GB/T5783	13~φ19 Clip	2	
28	TK000-13019	M8×20 Bolt	2	
29	GB/T93	8 Washer, lock	2	
30	A30A5-40003	I Rubber	1	
31	A90B7-11200	Reserve ass'y	1	
32	GJT-159-00	Elbow	1	

Brake lever



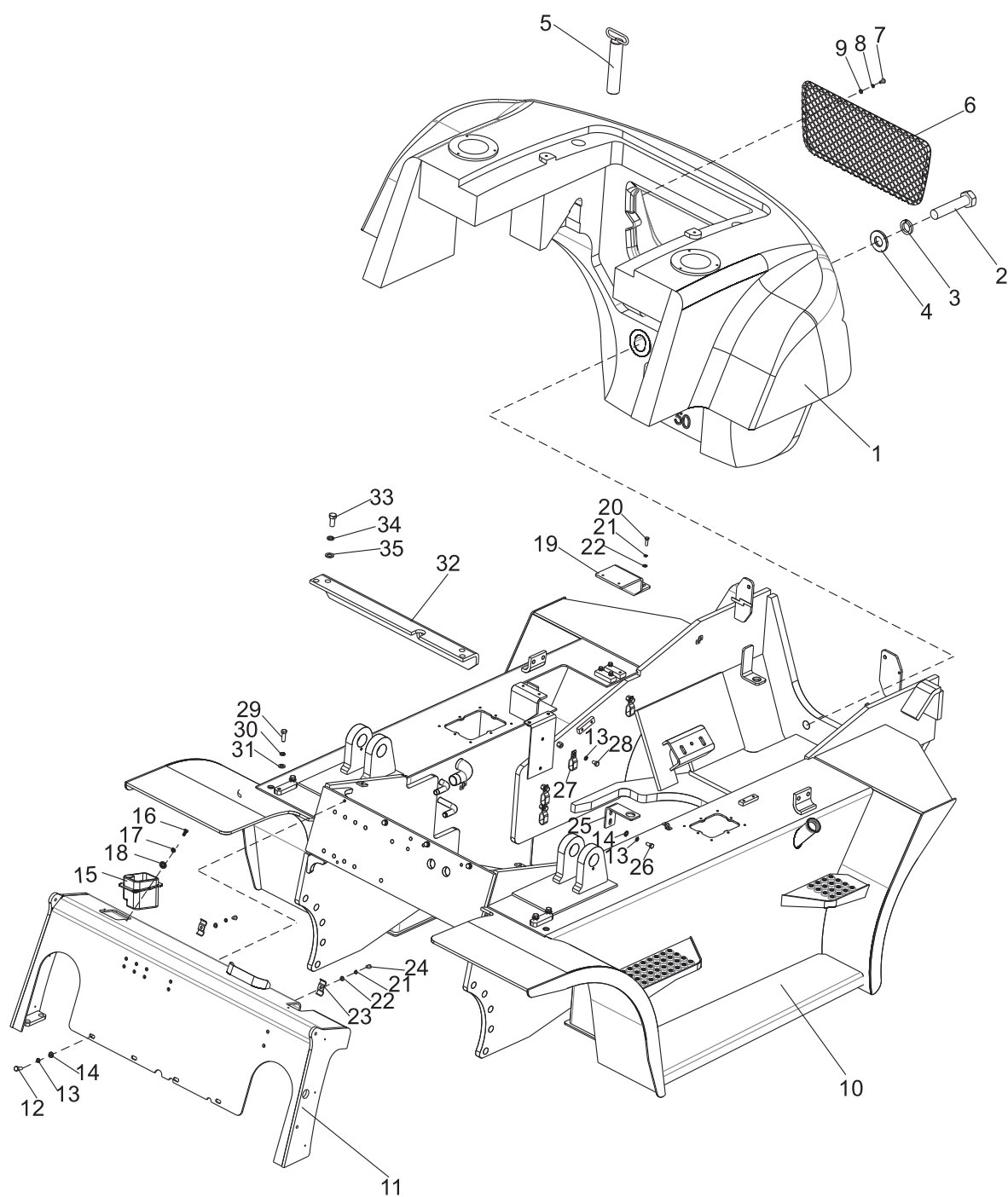
Brake lever

Item	Part No	Description	Q'ty	Remark
1	A50A7-20300	Push button hand brake	1	
2	GB/T5783	M10×35 Bolt	2	
3	GB/T93	10 Washer, lock	2	
4	GB/T97. 1	10 Washer	2	

BODY SYSTEM

Frame & counter weight

FD50,60,70,80-CY1/W3/S3
FY50,60,70,80-G3/G4



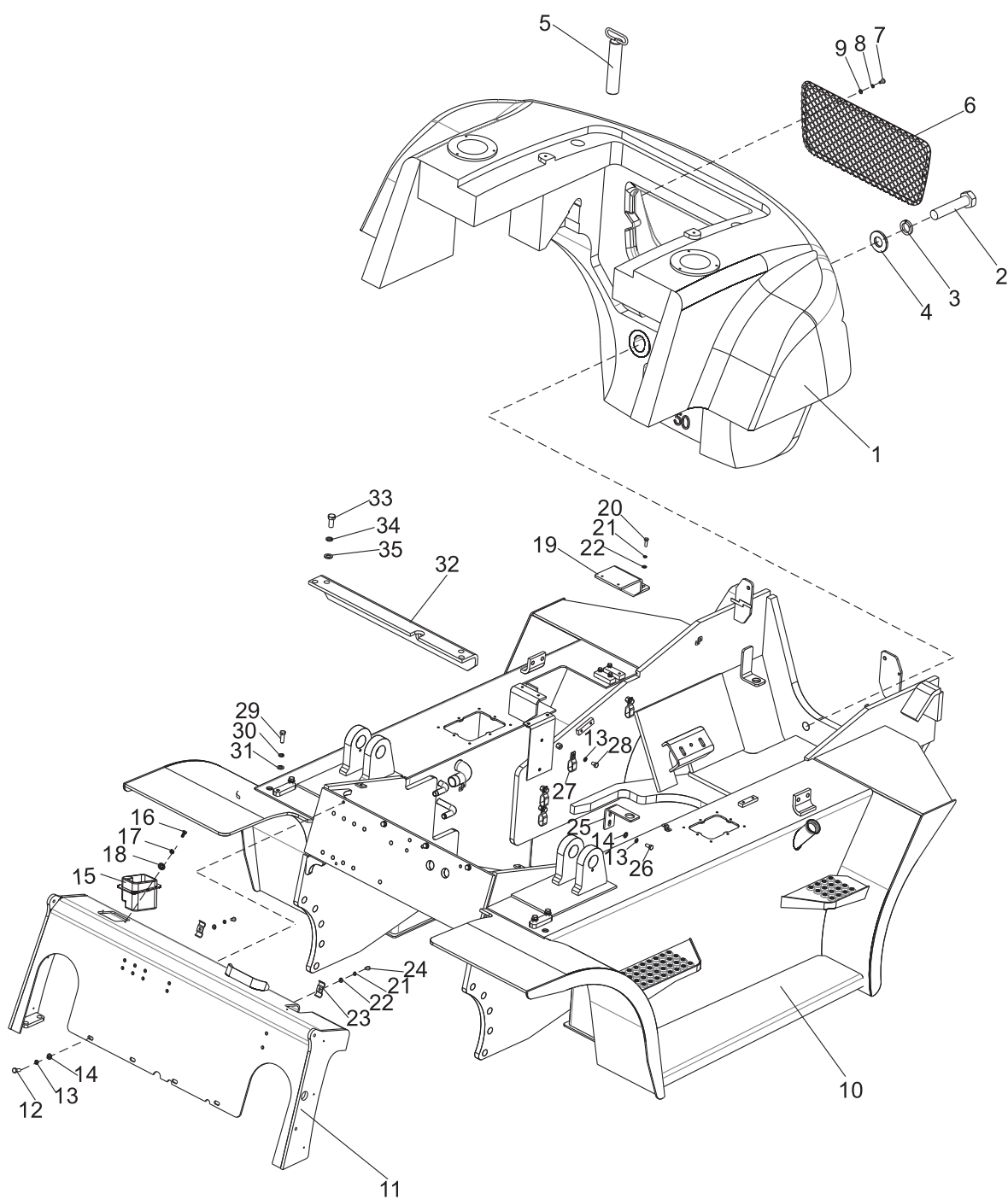
FD50,60,70,80-CY1/W3/S3
 FY50,60,70,80-G3/G4

Frame & counter weight

Item	Part No	Description	Q'ty	Remark
1	D50C1-50001	Balance	1	5t
-	D60C1-50001	Balance	1	6t
-	D70C1-50001	Balance	1	7t
-	D80C1-50001	Balance	1	8t
2	GB/T5783	M36×180 Bolt	2	5t,6t
-	GB/T5783	M36×250 Bolt	2	7t,8t
3	GB/T93	36 Washer,lock	2	
4	D30C1-50004	Washer	2	
5	D50C1-50100	Pin	1	
6	D50C1-50006	Net weight	1	
7	GB/T818	M8×16 Screw	2	
8	GB/T93	8 Washer,lock	2	
9	GB/T97.1	8 Washer	2	
10	D50C1-10100	Frame	1	FD50,60,70,80-CY1/W3
-	D50E1-10100	Frame	1	FD50,60,70,80-S3
-	D50F1-10100	Frame	1	FY50,60,70,80-G3
-	D50I1-10100	Frame	1	FY50,60,70,80-G4
11	D50C1-10700	Cabinet	1	
-	D50C1-11000	Cabinet	1	
-	D50C1-12000	Cabinet	1	
-	D50C1-13000	Cabinet	1	
12	GB/T5783	M10×25 Bolt	4	
13	GB/T93	10 Washer,lock	16	
14	GB/T97.1	10 Washer	6	
15	D30C1-10001	Box	1	

Frame & counter weight

FD50,60,70,80-CY1/W3/S3
FY50,60,70,80-G3/G4



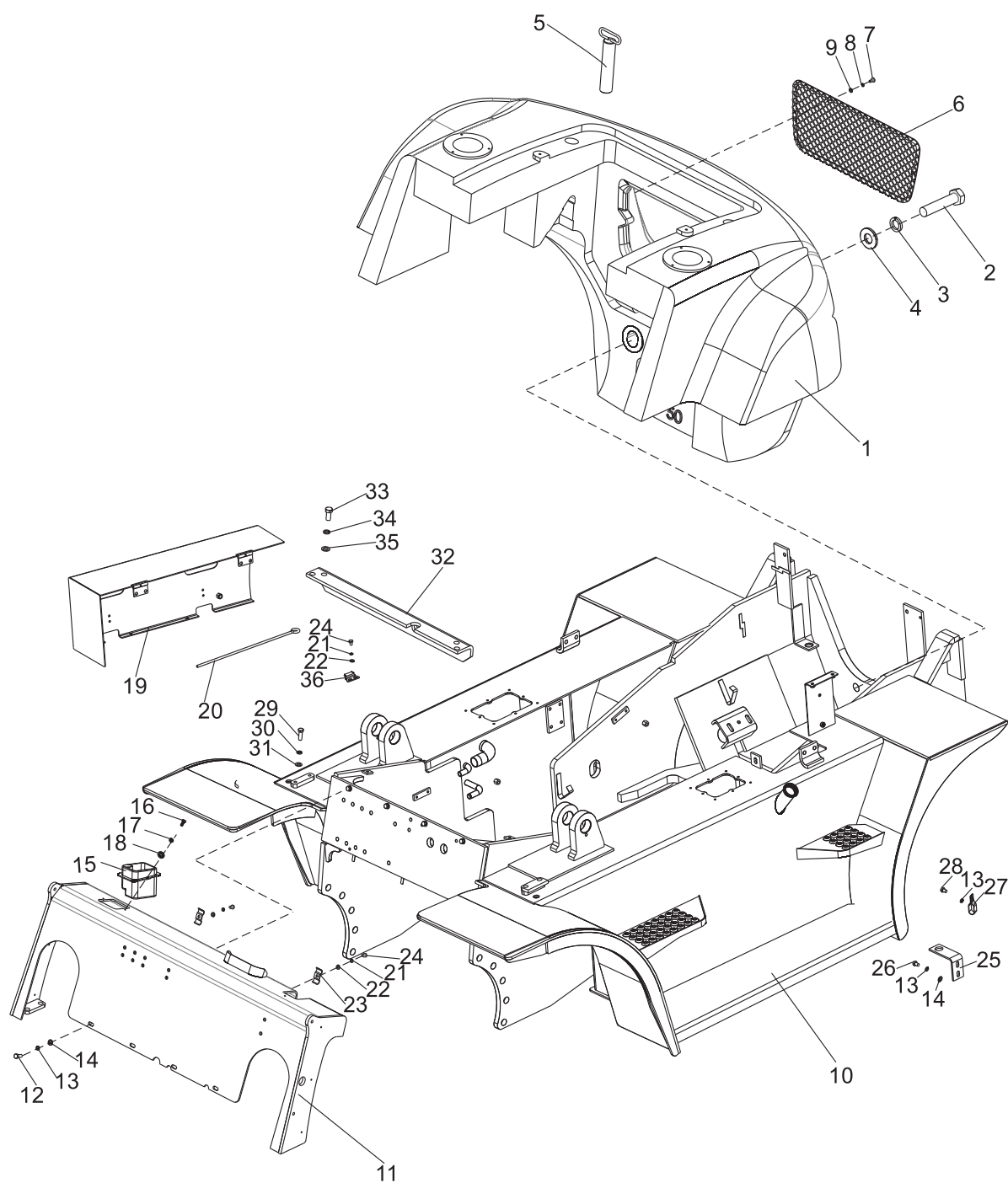
FD50,60,70,80-CY1/W3/S3
 FY50,60,70,80-G3/G4

Frame & counter weight

Item	Part No	Description	Q'ty	Remark
16	GB/T818	M6×16 Screw	2	
17	GB/T93	6 Washer,lock	2	
18	GB/T97.1	6 Washer	2	
19	D50C1-10001	II Battery support	1	
20	GB/T5783	M8×25 Bolt	4	
21	GB/T93	8 Washer,lock	6	
22	GB/T97.1	8 Washer	6	
23	D50A1-10002	Clip	2	
24	GB/T5783	M8×12 Bolt	2	
25	D50A1-10613	Bracket	1	
26	GB/T5783	M10×20 Bolt	2	
27	D30A1-10008	5 Clip	10	
28	GB/T5783	M10×15 Bolt	10	
29	GB/T5783	M12×35 Bolt	4	
30	GB/T93	12 Washer,lock	4	
31	GB/T97.1	12 Washer	4	
32	D90C1-10601	Bracket	1	
33	GB/T5783	M16×35 Bolt	4	
34	GB/T93	16 Washer,lock	4	
35	GB/T97.1	16 Washer	4	

Frame & counter weight

FD50,60,70,80-YC2



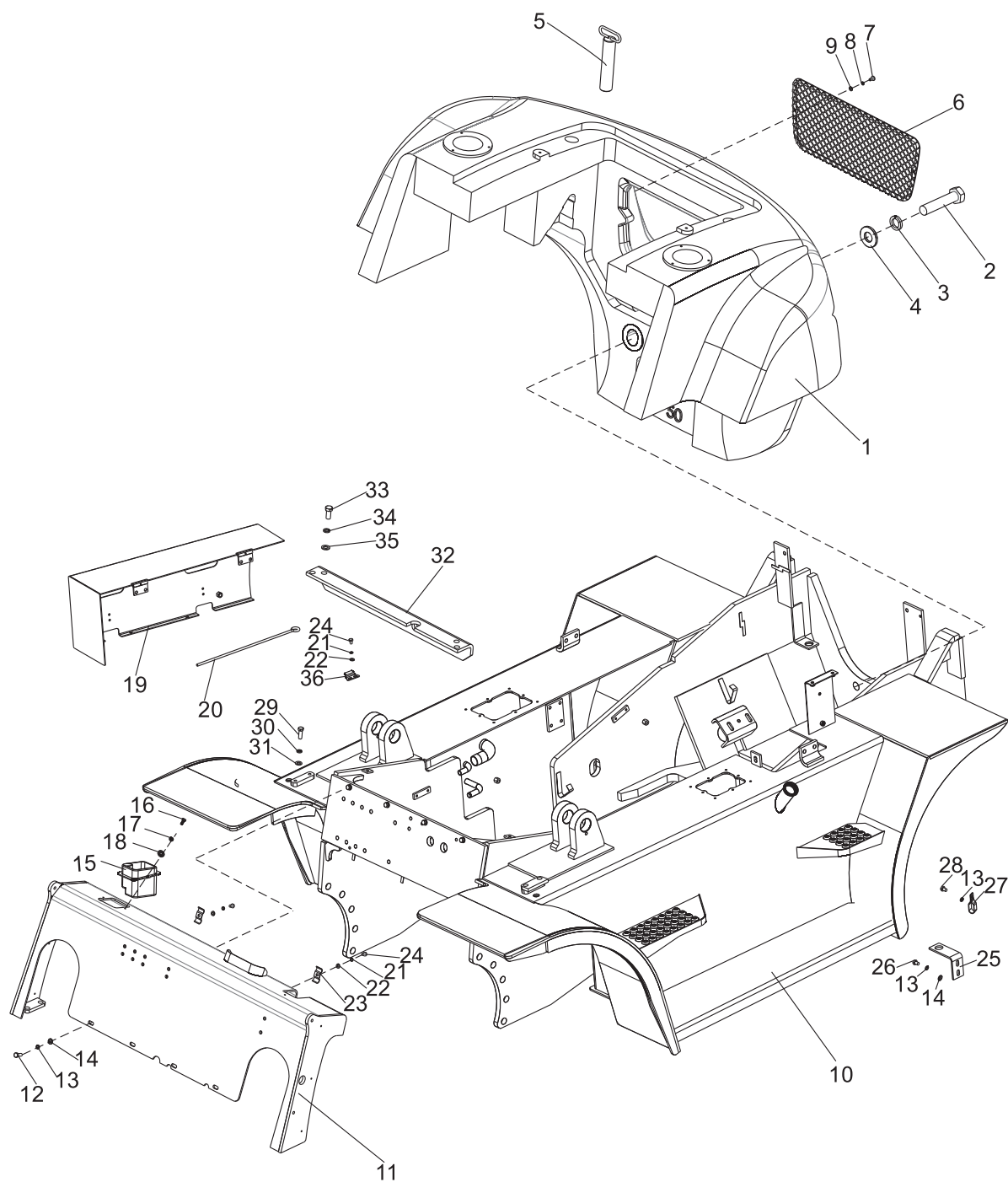
Frame & counter weight

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
1	D50C1-50001	Balance	1	5t
-	D60C1-50001	Balance	1	6t
-	D70C1-50001	Balance	1	7t
-	D80C1-50001	Balance	1	8t
2	GB/T5783	M36×180 Bolt	2	5t,6
-	GB/T5783	M36×250 Bolt	2	7t,8
3	GB/T93	36 Washer,lock	2	
4	D30C1-50004	Washer	2	
5	D50C1-50100	Pin	1	
6	D50C1-50006	Net weight	1	
7	GB/T818	M8×16 Screw	2	
8	GB/T93	8 Washer,lock	2	
9	GB/T97.1	8 Washer	2	
10	D50G1-10100	Frame	1	
11	D50C1-10700	Cabinet	1	
-	D50C1-11000	Cabinet	1	
-	D50C1-12000	Cabinet	1	
-	D50C1-13000	Cabinet	1	
12	GB/T5783	M10×25 Bolt	4	
13	GB/T93	10 Washer,lock	14	
14	GB/T97.1	10 Washer	6	
15	D30C1-10001	Box	1	
16	GB/T818	M6×16 Screw	2	
17	GB/T93	6 Washer,lock	2	
18	GB/T97.1	6 Washer	2	
19	D50G1-11100	Battery cover	1	

Frame & counter weight

FD50,60,70,80-YC2



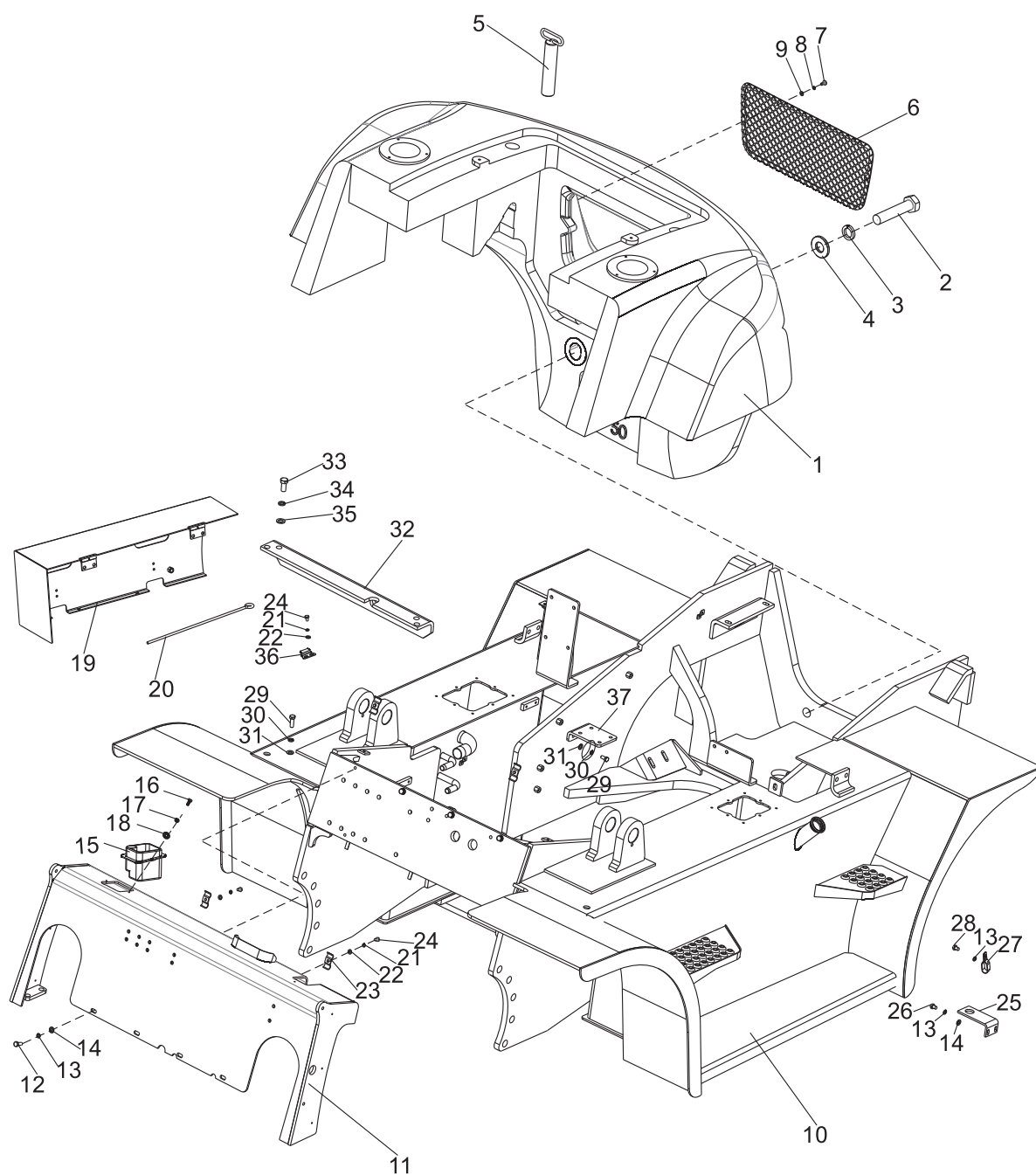
Frame & counter weight

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
20	D50A1-10001	Poles	1	
21	GB/T93	8 Washer,lock	6	
22	GB/T97.1	8 Washer	6	
23	D50A1-10002	Clip	2	
24	GB/T5783	M8×12 Bolt	4	
25	D50A1-10613	Bracket	1	
26	GB/T5783	M10×20 Bolt	2	
27	D30A1-10008	5 Clip	8	
28	GB/T5783	M10×15 Bolt	8	
29	GB/T5783	M12×35 Bolt	4	
30	GB/T93	12 Washer,lock	4	
31	GB/T97.1	12 Washer	4	
32	D90C1-10601	Bracket	1	
33	GB/T5783	M16×35 Bolt	4	
34	GB/T93	16 Washer,lock	4	
35	GB/T97.1	16 Washer	4	
36	D15A1-20302	Spring card	2	

Frame & counter weight

FD50,60,70,80-KMS2



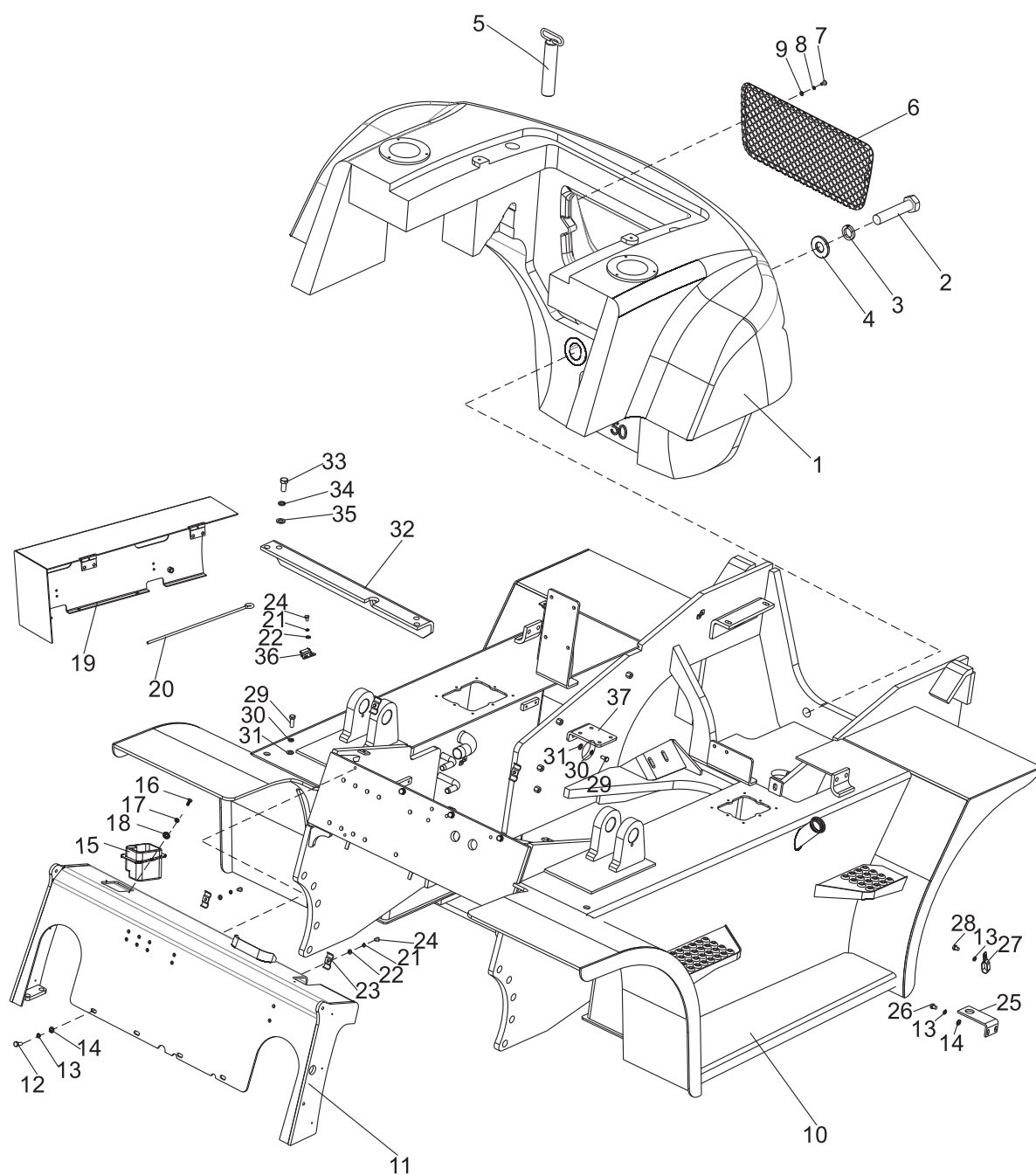
Frame & counter weight

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	D50C1-50001	Balance	1	5t
-	D60C1-50001	Balance	1	6t
-	D70C1-50001	Balance	1	7t
-	D80C1-50001	Balance	1	8t
2	GB/T5783	M36×180 Bolt	2	5t,6t
-	GB/T5783	M36×250 Bolt	2	7t,8t
3	GB/T93	36 Washer,lock	2	
4	D30C1-50004	Washer	2	
5	D50C1-50100	Pin	1	
6	D50C1-50006	Net weight	1	
7	GB/T818	M8×16 Screw	2	
8	GB/T93	8 Washer,lock	2	
9	GB/T97.1	8 Washer	2	
10	D50K1-10100	Frame	1	
11	D50C1-10700	Cabinet	1	
-	D50C1-11000	Cabinet	1	
-	D50C1-12000	Cabinet	1	
-	D50C1-13000	Cabinet	1	
12	GB/T5783	M10×25 Bolt	4	
13	GB/T93	10 Washer,lock	16	
14	GB/T97.1	10 Washer	8	
15	D30C1-10001	Box	1	
16	GB/T818	M6×16 Screw	2	
17	GB/T93	6 Washer,lock	2	
18	GB/T97.1	6 Washer	2	
19	D50K1-10510	Battery cover	1	

Frame & counter weight

FD50,60,70,80-KMS2

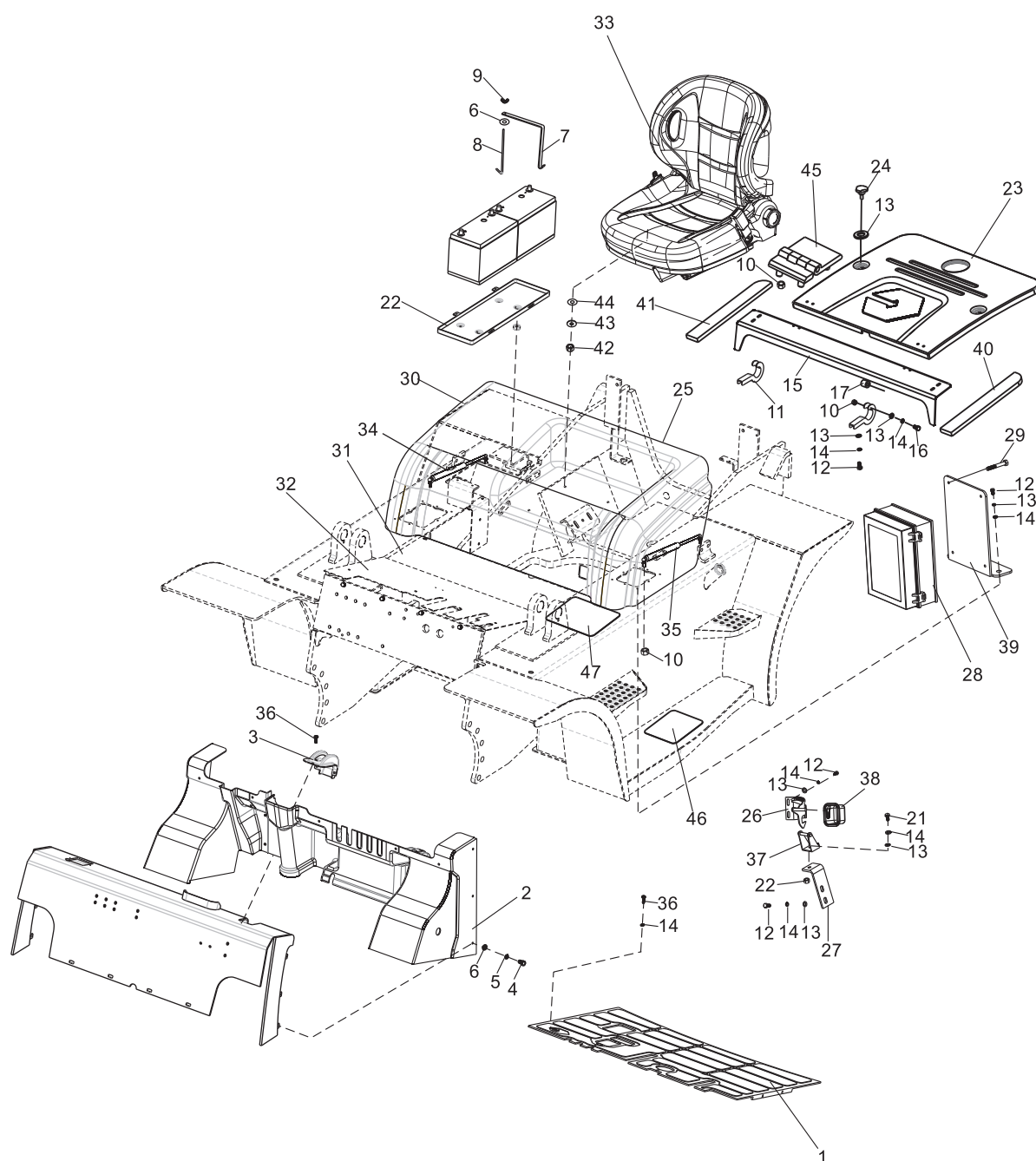


Frame & counter weight

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
20	D50A1-10001	Poles	1	
21	GB/T93	8 Washer,lock	6	
22	GB/T97.1	8 Washer	6	
23	D50A1-10002	Clip	2	
24	GB/T5783	M8×12 Bolt	4	
25	D50K1-10001	Bracket	2	
26	GB/T5783	M10×20 Bolt	4	
27	D30A1-10008	5 Clip	8	
28	GB/T5783	M10×15 Bolt	8	
29	GB/T5783	M12×35 Bolt	4	
30	GB/T93	12 Washer,lock	4	
31	GB/T97.1	12 Washer	4	
32	D90C1-10601	Bracket	1	
33	GB/T5783	M16×35 Bolt	4	
34	GB/T93	16 Washer,lock	4	
35	GB/T97.1	16 Washer	4	
36	D15A1-20302	Spring card	2	
37	D50K1-10002	Oil filter installation plate	1	

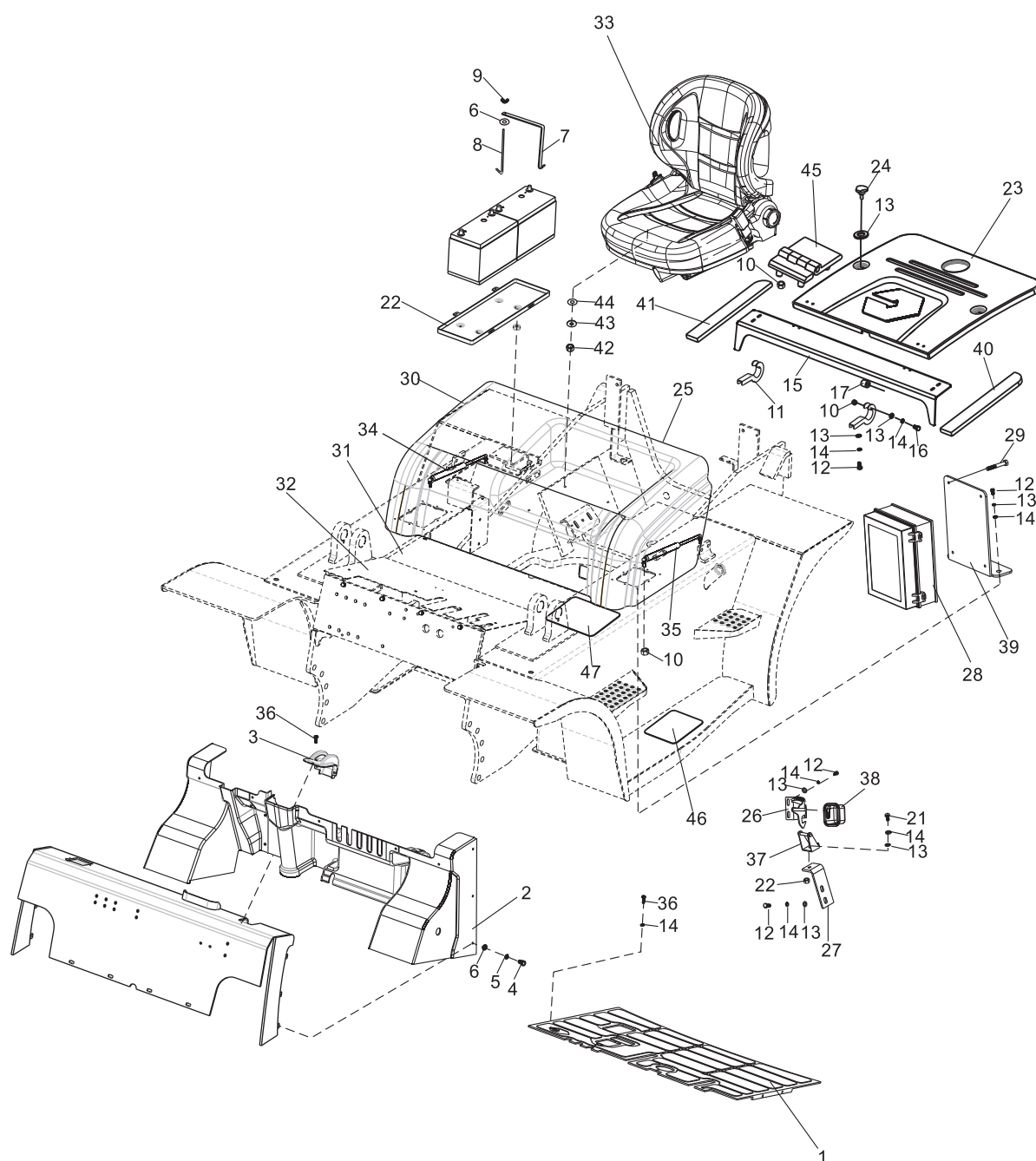
Hood, Floor Board & Seat



Hood、Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
1	D50A1-20006	Gasket	1	FD/Y50,60,70,80-CY1 /W3/YC2/G3/G4
2	D50C1-20010	Covering parts ass'y	1	
3	D50C1-20003	Hand brake covering	1	
4	GB/T818	M6×16 Screw	2	
5	GB/T93	6 Washer,lock	2	
6	GB/T97.1	6 Washer	4	
7	A45A2-00920	Bracket	2	
8	A45A2-00930	Screw	2	
9	GB/T62	M6 Nut	2	
10	GB/T889.1	M8 Nut	14	
11	D50C1-20800	Hinge	2	
12	GB/T5783	M8×20 Bolt	11	
13	GB/T97.1	8 Washer	16	
14	GB/T93	8 Washer,lock	16	
15	D50C1-20700	Beam	1	
16	A30A5-40005	Bolt	2	
17	D30A1-20005	Bushing	2	
18	GB/T5786	M12×1.25×25 Bolt	4	
19	GB/T93	12 Washer,lock	4	
20	GB/T97.1	12 Washer	4	
21	GB/T5783	M8×25 Bolt	1	
22	A45A2-09010	Battery base	1	
23	D50C1-20008	Radiator cover	1	
24	D30A1-20009	Screw	2	

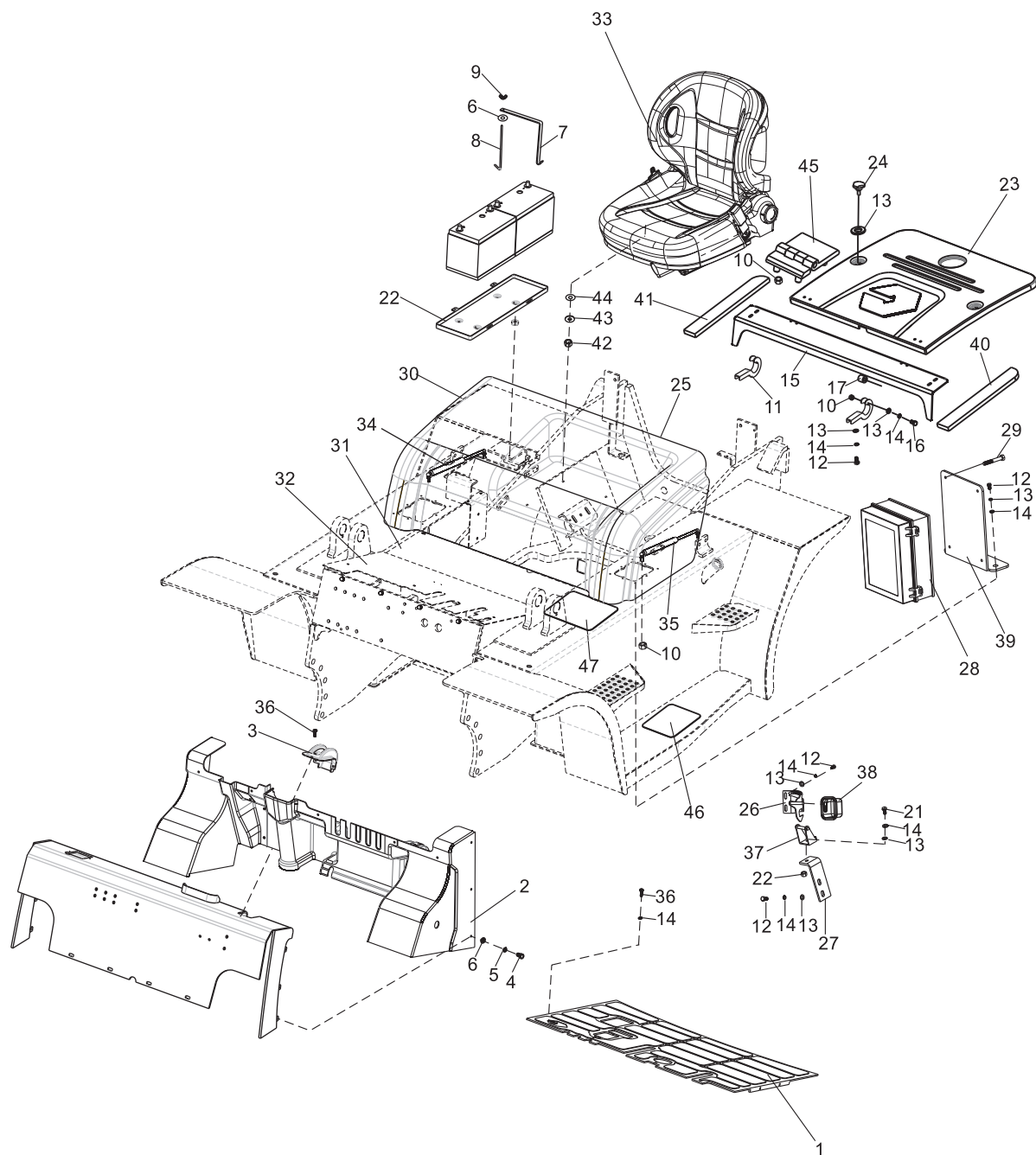
Hood, Floor Board & Seat



Hood、Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
25	D30A1-20007×2000	1×2000mm Gasket	1	FD50,60,70,80-CY1 /W3/YC2/KMS2 FD/Y50,60,70,80-S3 /G3/G4
26	D30A1-20720	Hook	1	
27	D50C1-20007	Locks Support	1	
28	A50B2-01000	Panel	1	
29	GB/T818	M5×25 Screw	4	
30	D50C1-20100	Bonnet ass'y	1	
-	D50E1-20100	Bonnet ass'y	1	
31	D50C1-20500	Floor, borad, rear	1	
-	D50C1-20600	Floor, borad, rear	1	
32	D50A1-20800	Floor board, front	1	FD50,60,70,80-KMS2
-	D90F1-20100	Floor board, front	1	FD50,60,70,80-KMS2
33	A30A1-00100	BF2 Seat	1	OPS OPS OPS OPS CE CE
-	A30A1-00500	BF2 Seat	1	
-	A30A1-00400	Seat	1	
-	A30A1-00300	BF2 Seat	1	
-	A30A1-00600	BF2 Seat	1	
-	A30A1-00800	BF5 Seat	1	
-	A30A1-01000	BF5 Seat	1	
-	A30A1-00700	BF5 Seat	1	
-	A30A1-00900	BF5 Seat	1	
34	D50C1-20400	150N Shock, absorber	1	
35	D50C1-20300	550N Shock, absorber	1	
36	GB/T818	M8×16 Screw	4	
37	D30A1-20710	Hook	1	
38	D30A1-20701	Hook box	1	

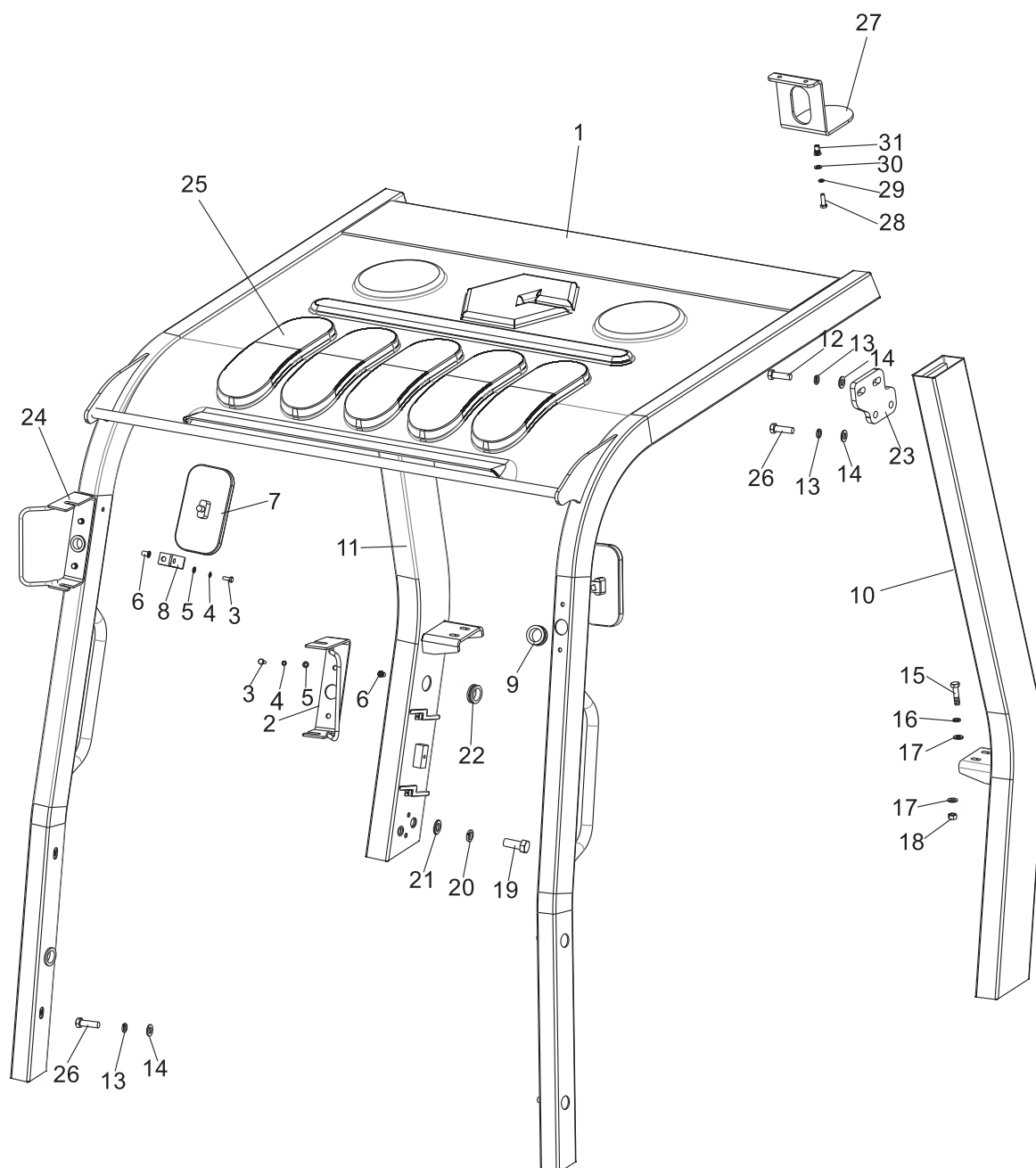
Hood, Floor Board & Seat



Hood、Floor Board & Seat

Item	Part No	Description	Q'ty	Remark
39	D50C1-20015	Bracket	1	
40	D50C1-20009R	Foaming adhesive tape	1	
41	D50C1-20009L	Foaming adhesive tape	1	
42	GB/T6170	M8 Nut	4	
43	GB/T93	8 Washer,lock	4	
44	GB/T97.1	8 Washer	4	
45	D45G1-20800	Zinc alloy hinge	2	
46	D50C1-20006	II Non-slip stickers II	2	
47	D50C1-20005	I Non-slip stickers I	2	

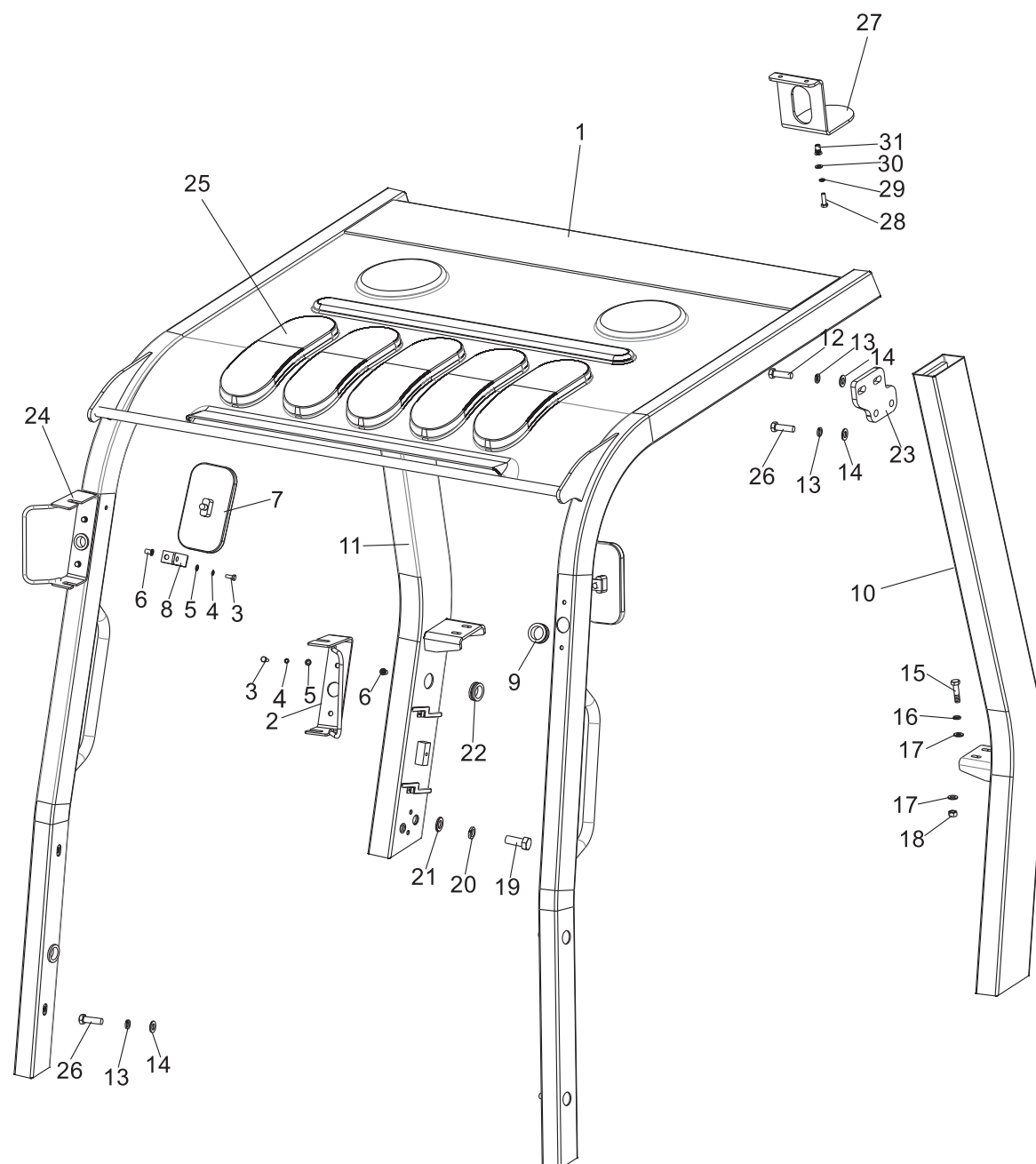
Head guard



Head guard

Item	Part No	Description	Q'ty	Remark
1	D50C1-30200	Overhead guard	1	
2	D30A1-30700L	Guard,lamp F	1	
3	GB/T5783	M6×25 Bolt	6	
4	GB/T93	6 Washer,lock	6	
5	GB/T97.1	6 Washer	6	
6	D30C1-30001	M6 Nut	6	
7	D30A1-30800	Back-mirror	2	
8	D30A1-30002	Guard	2	
9	D30A1-30004	I Grommet	2	
10	D50C1-30300	Rear pipe L.H.	1	
11	D50C1-30400	Rear pipe R.H.	1	
12	GB/T5783	M12×40 Bolt	4	
13	GB/T97.1	12 Washer	12	
14	GB/T93	12 Washer,lock	12	
15	GB/T5783	M10×35 Bolt	4	
16	GB/T93	10 Washer,lock	4	
17	GB/T97.1	10 Washer	8	
18	GB/T6170	M10 Nut	4	
19	GB//T5783	M16×40 Bolt	4	
20	GB/T97.1	16 Washer	4	
21	GB/T93	16 Washer,lock	4	
22	D30A1-30005	II Grommet	3	
23	D50C1-30211	Mounting plate	2	
24	D30A1-30700R	Guard,lamp F	1	

Head guard

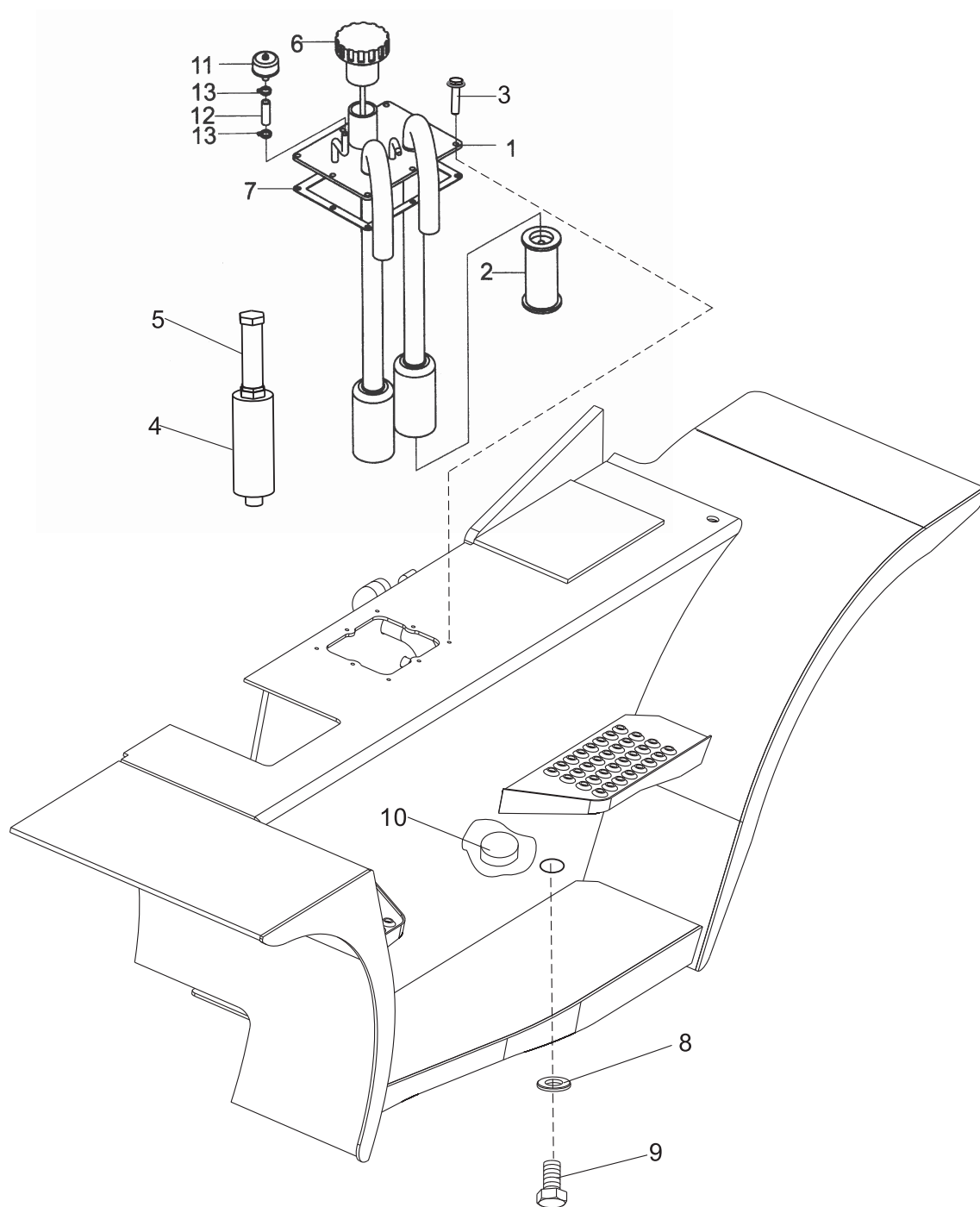


Head guard

Item	Part No	Description	Q'ty	Remark
25	D30C1-30002	Rain cover	5	
26	GB/T5783	M12×30 Bolt	8	
27	D30C1-30005	Alarm lamp anchor	1	
28	GB/T5783	M8×25 Bolt	2	
29	GB/T93	8Washer,lock	2	
30	GB/T97.1	8 Washer	2	
31	D35G1-30001	M8 Nut	2	

HYDRAULIC SYSTEM

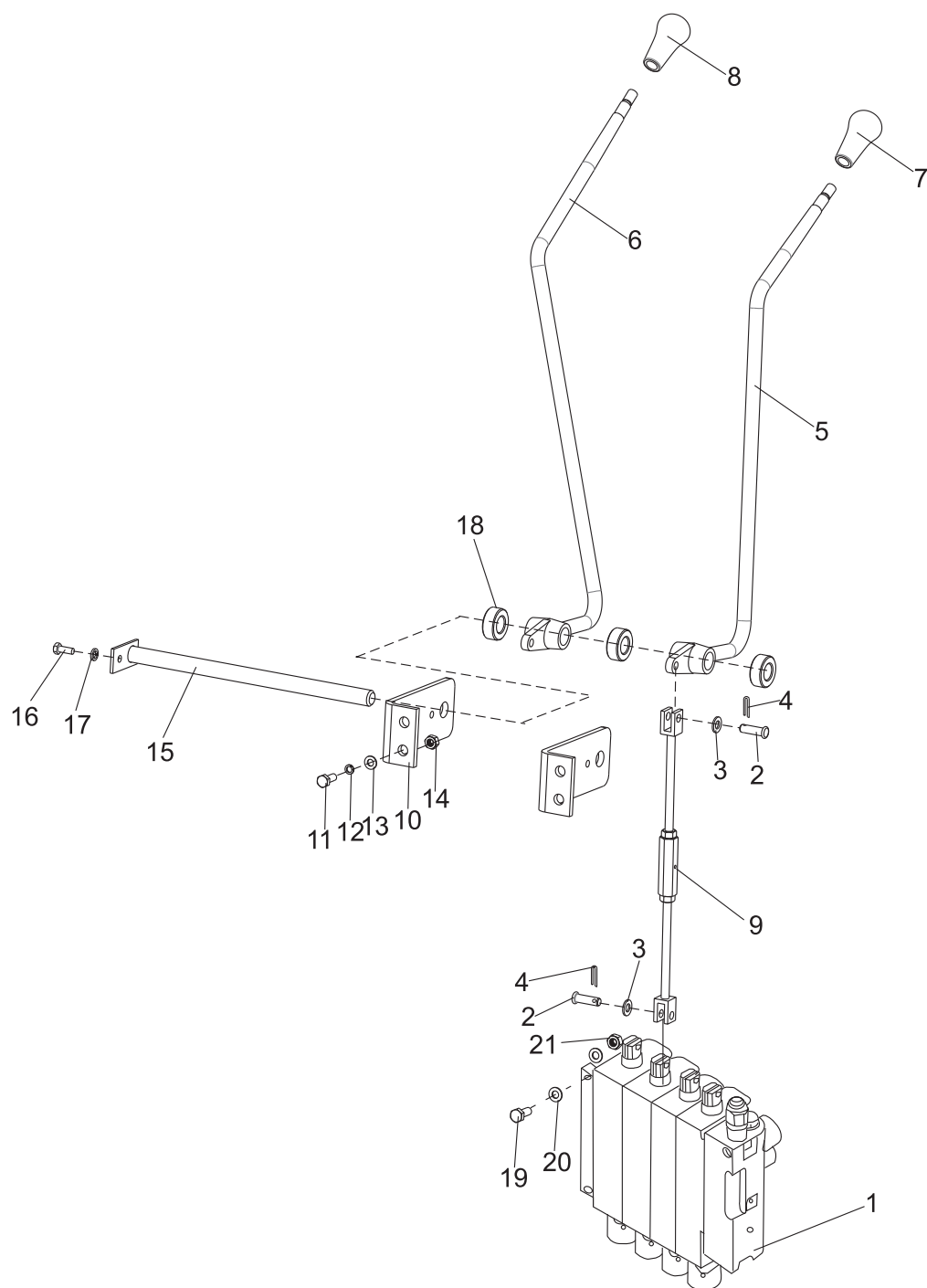
Oil tank



Oil tank

Item	Part No	Description	Q'ty	Remark
1	A50C4-50100	Coverplate ass'y	1	
2	A30A4-50400	Strainer	2	
3	GB/T5787	M8×16 Bolt	8	
4	A45A4-50400	Strainer	1	
5	A45A4-50200	Steel pipe	1	
6	A50A4-50100	Oil cap ass'y	1	
7	A50A4-50001	Cover gasket	1	
8	A30A4-50004	ED 26 Washer	1	
9	A30A4-50002	Plug, drain	1	
10	A30A4-50003	Magnet	2	
11	A30A4-50500	Breath setting	1	
12	TG000-10007	10×70 Hose	1	
13	TK000-13019	13-19 Clip	2	

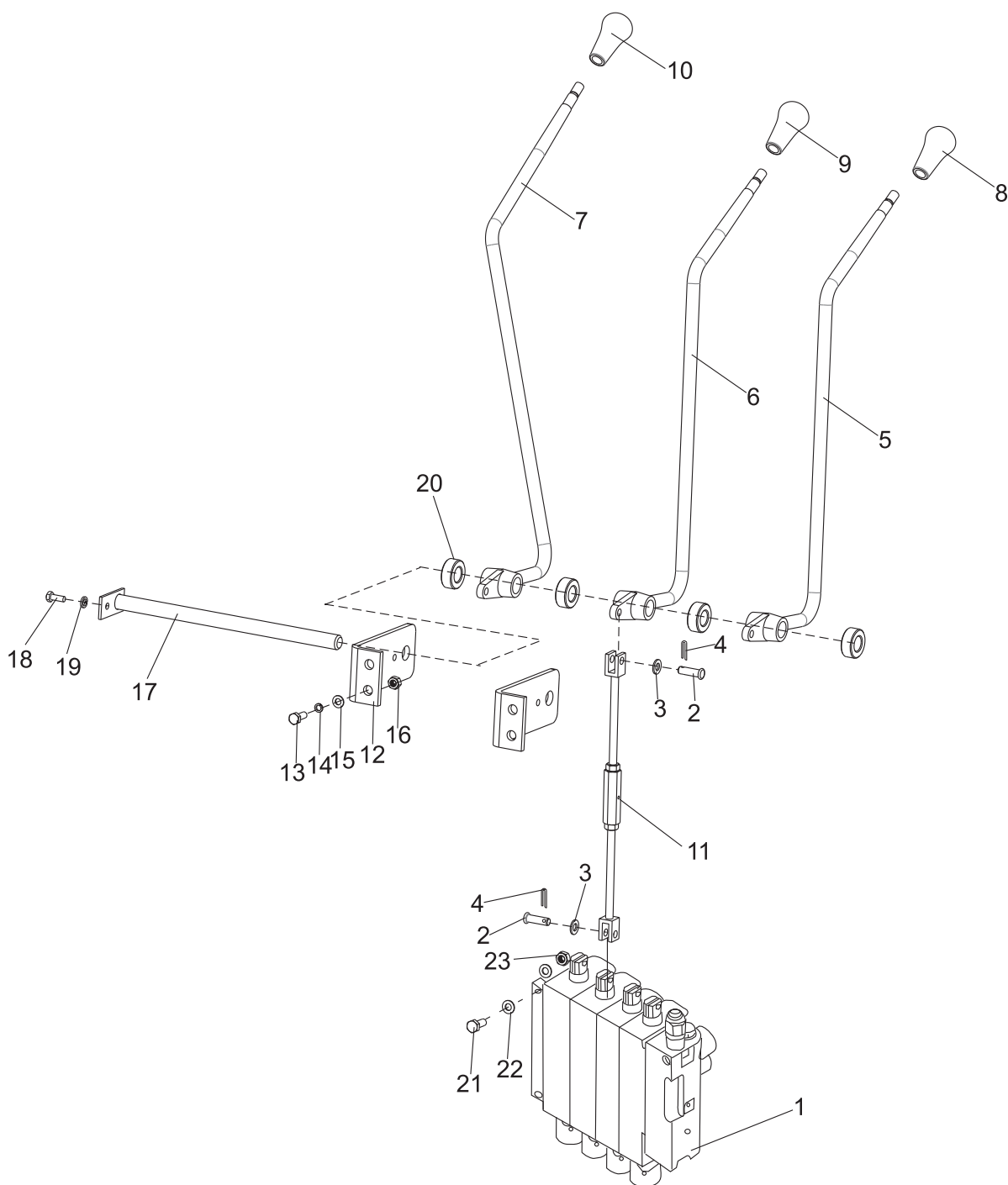
Valve control (two-throw)



Valve control (two-throw)

Item	Part No	Description	Q'ty	Remark
1	A50A4-30000*2	Control ass'y	1	
-	A50B4-30000*2	Control ass'y	1	
2	A50A7-40002	8×26 Pin	4	
3	GB/T91	2.5×20 Pin, cotter	4	
4	GB/T97.1	8 Washer	4	
5	A50A7-40410	Lever, lift	1	
6	A50A7-40420	Lever, tilt	1	
7	A30A7-40003	Knob, lift	1	
8	A30A7-40004	Knob, tilt	1	
9	A50A7-40300	Joint	2	
10	A50A7-40200	Bracket, valve lever	2	
11	GB/T5783	M10×25 Bolt	4	
12	GB/T97.1	10 Washer	4	
13	GB/T93	10 Washer ,lock	4	
14	GB/T6170	10 Nut	4	
15	A50A7-40100	Shaft, valve	1	
16	GB/T5783	M6×10 Bolt	1	
17	GB/T93	6 Washer,lock	1	
18	A50A7-40001	Bushing	3	
19	GB/T5782	M12×60×35 Bolt	4	
20	GB/T97.1	12 Washer	8	
21	GB/T889.1	12 Nut	4	

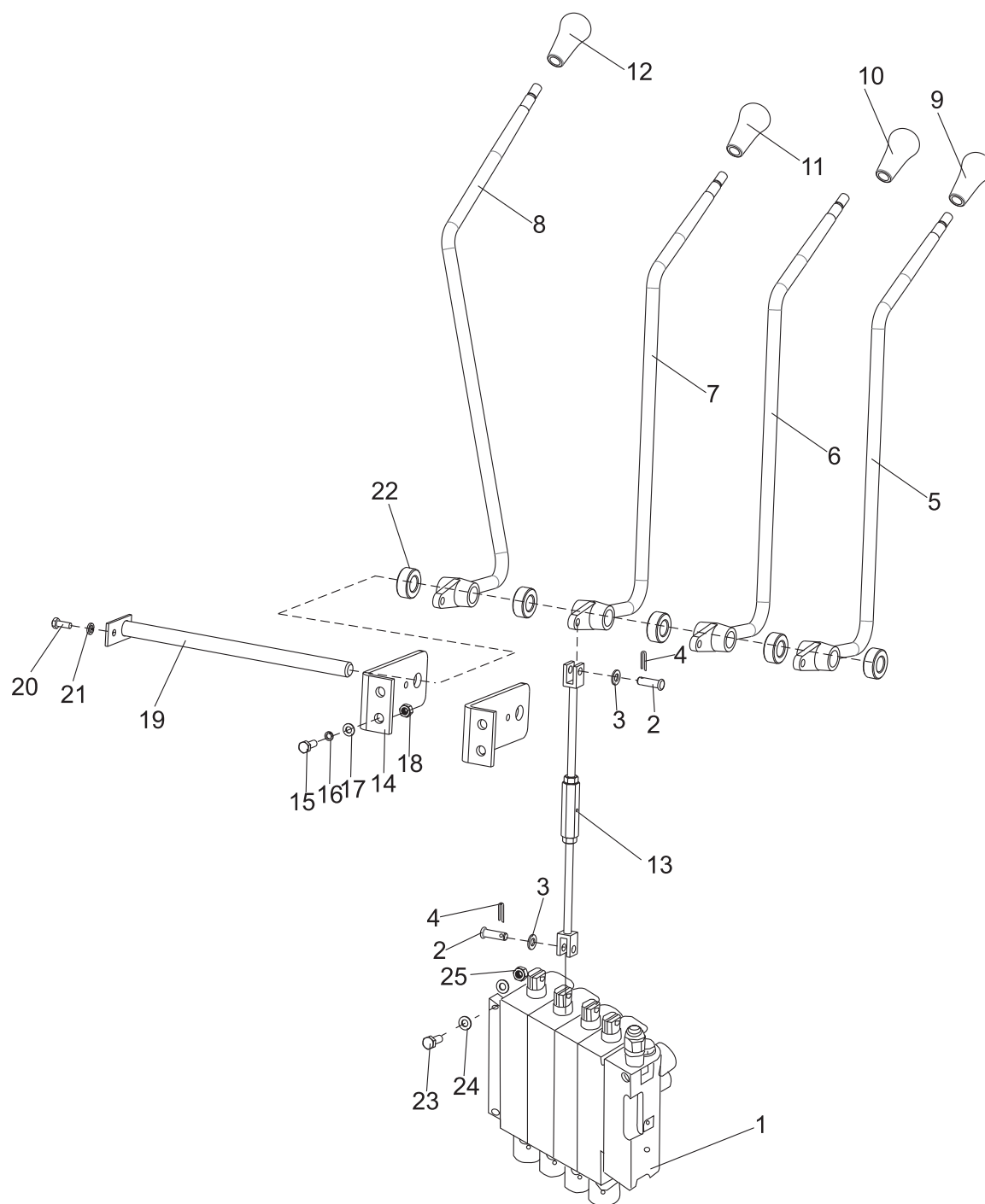
Valve control (three-throw)



Valve control (three-throw)

1	A50A4-30000*3	Control ass'y	1	
-	A50B4-30000*3	Control ass'y	1	
2	A50A7-40002	8×26 Pin	6	
3	GB/T91	2.5×20 Pin, cotter	6	
4	GB/T97.1	8 Washer	6	
5	A50A7-40410	Lever, lift	1	
6	A50A7-40420	Lever, tilt	1	
7	A50A7-40430	Lever, third	1	
8	A30A7-40003	Knob, lift	1	
9	A30A7-40004	Knob, tilt	1	
10	A30A7-40005	Knob, sidesway	1	
11	A50A7-40300	Joint	3	
12	A50A7-40200	Bracket, valve lever	2	
13	GB/T5783	M10×25 Bolt	4	
14	GB/T97.1	10 Washer	4	
15	GB/T93	10 Washer, lock	4	
16	GB/T6170	10 Nut	4	
17	A50A7-40100	Shaft, valve	1	
18	GB/T5783	M6×10 Bolt	1	
19	GB/T93	6 Washer, lock	1	
20	A50A7-40001	Bushing	4	
21	GB/T5782	M12×60×35 Bolt	4	
22	GB/T97.1	12 Washer	8	
23	GB/T889.1	12 Nut	4	

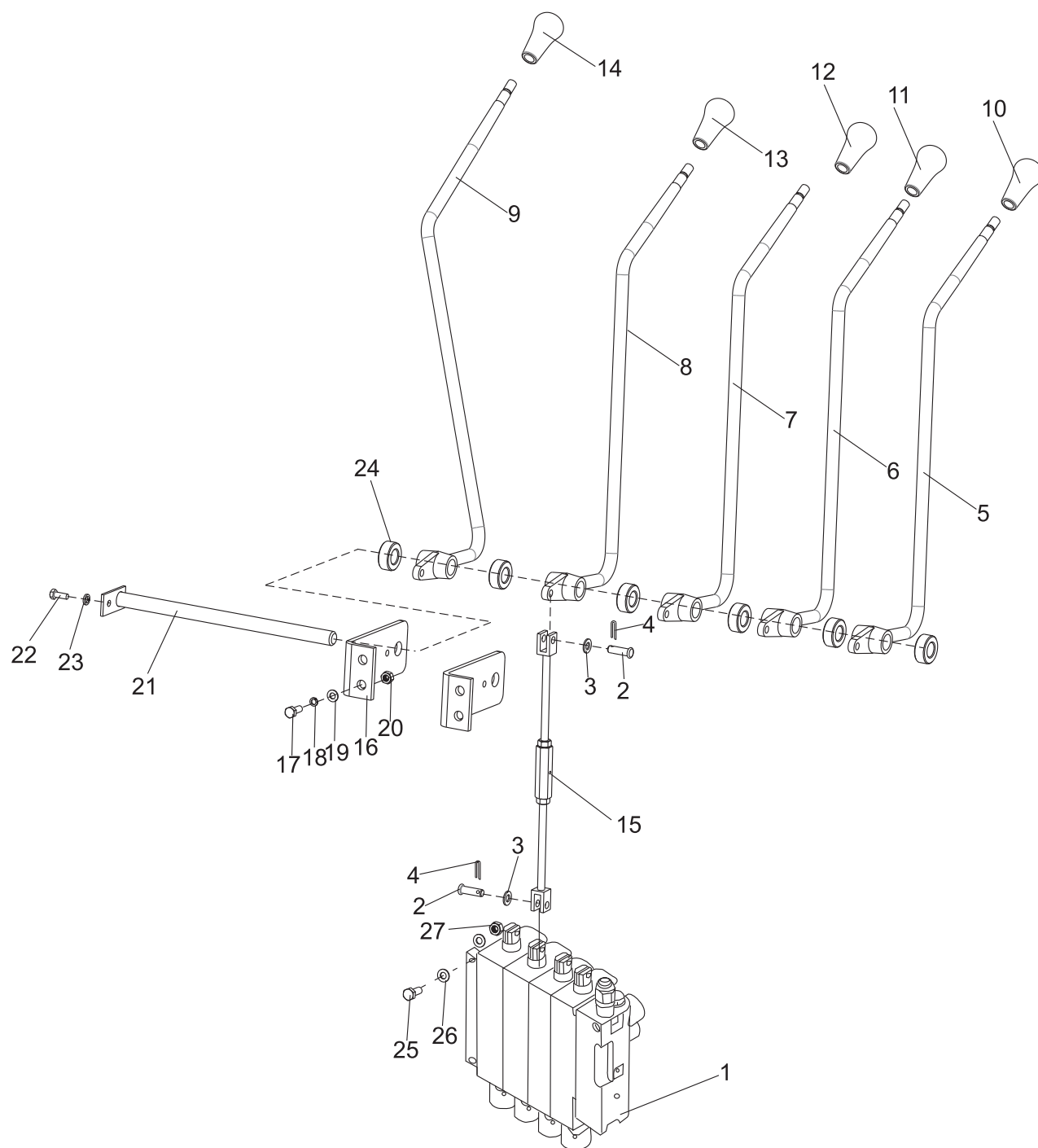
Valve control (four-throw)



Valve control (four-throw)

Item	Part No	Description	Q'ty	Remark
1	A50A4-30000*4	Control ass'y	1	
—	A50B4-30000*4	Control ass'y	1	
2	A50A7-40002	8×26 Pin	8	
3	GB/T91	2.5×20 Pin, cotter	8	
4	GB/T97.1	8 Washer	8	
5	A50A7-40410	Lever, lift	1	
6	A50A7-40420	Lever, tilt	1	
7	A50A7-40430	Lever, third	1	
8	A50A7-40440	Lever, fourth	1	
9	A30A7-40003	Knob, lift	1	
10	A30A7-40004	Knob, tilt	1	
11	A30A7-40005	Knob, sidesway	1	
12	A30A7-40006	Knob, clamp	1	
13	A50A7-40300	Joint	4	
14	A50A7-40200	Bracket, valve lever	2	
15	GB/T5783	M10×25 Bolt	4	
16	GB/T97.1	10 Washer	4	
17	GB/T93	10 Washer, lock	4	
18	GB/T6170	10 Nut	4	
19	A50A7-40100	Shaft, valve	1	
20	GB/T5783	M6×10 Bolt	1	
21	GB/T93	6 Washer, lock	1	
22	A50A7-40001	Bushing	5	
23	GB/T5782	M12×60×35 Bolt	4	
24	GB/T97.1	12 Washer	8	
25	GB/T889.1	12 Nut	4	

Valve control (five-throw)

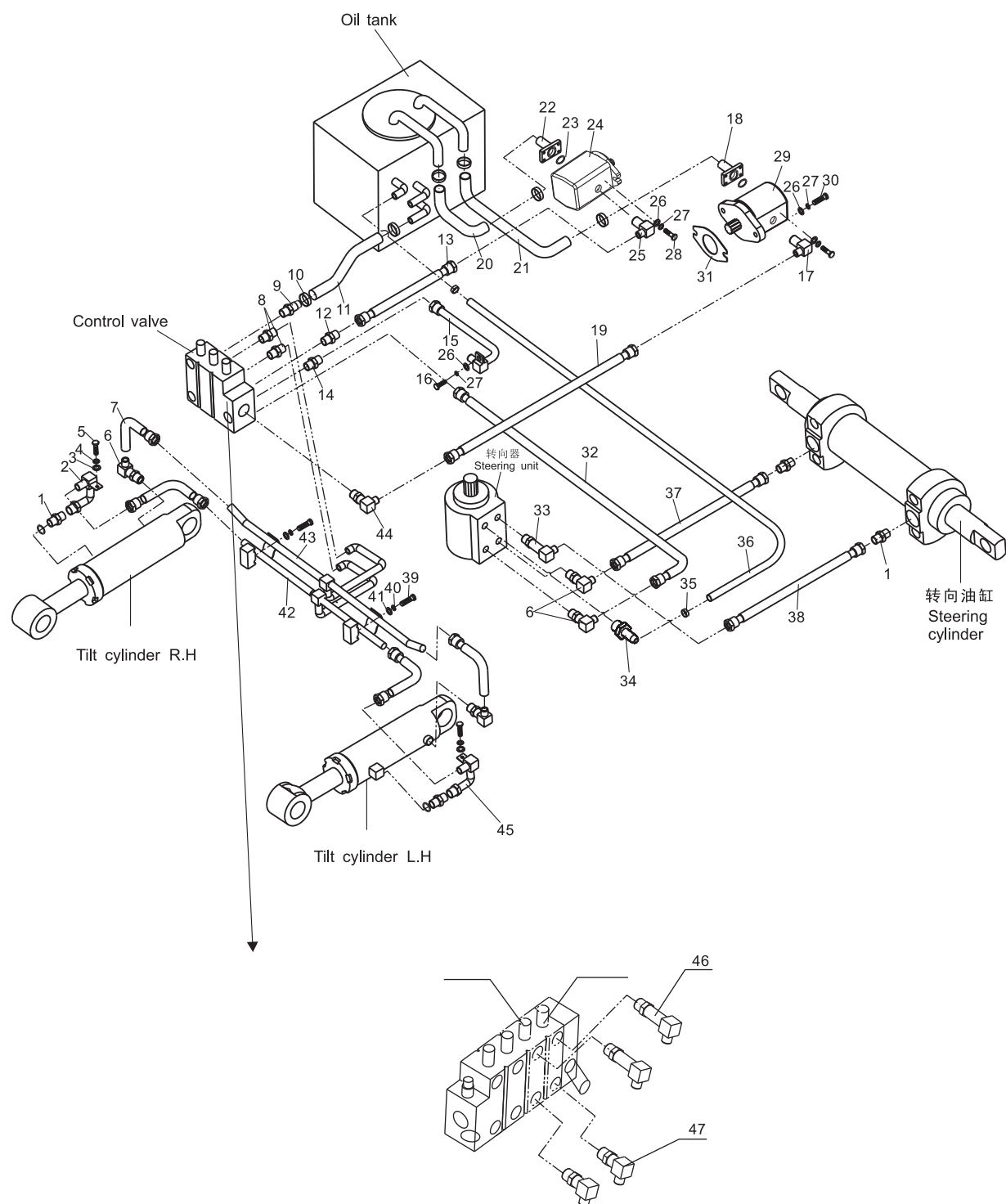


Valve control (five-throw)

Item	Part No	Description	Q'ty	Remark
1	A50A4-30000*4	Control ass'y	1	
—	A50B4-30000*4	Control ass'y	1	
2	A50A7-40002	8×26 Pin	10	
3	GB/T91	2.5×20 Pin, cotter	10	
4	GB/T97.1	8 Washer	10	
5	A50A7-40410	Lever, lift	1	
6	A50A7-40420	Lever, tilt	1	
7	A50A7-40430	Lever,third	1	
8	A50A7-40440	Lever,fourth	1	
9	A50A7-40450	Lever,fifth	1	
10	A30A7-40003	Knob, lift	1	
11	A30A7-40004	Knob, tilt	1	
12	A30A7-40005	Knob, sidesway	1	
13	A30A7-40006	Knob, clamp	1	
14	A30A7-40007	Knob, rotate	1	
15	A50A7-40300	Joint	5	
16	A50A7-40200	Bracket, valve lever	2	
17	GB/T5783	M10×25 Bolt	4	
18	GB/T97.1	10 Washer	4	
19	GB/T93	10 Washer ,lock	4	
20	GB/T6170	10 Nut	4	
21	A50A7-40100	Shaft, valve	1	
22	GB/T5783	M6×10 Bolt	1	
23	GB/T93	6 Washer,lock	1	
24	A50A7-40001	Bushing	6	
25	GB/T5782	M12×60×35 Bolt	4	
26	GB/T97.1	12 Washer	8	
27	GB/T889.1	12 Nut	4	

Hydraulic pipeline

FD50,60,70,80-CY1



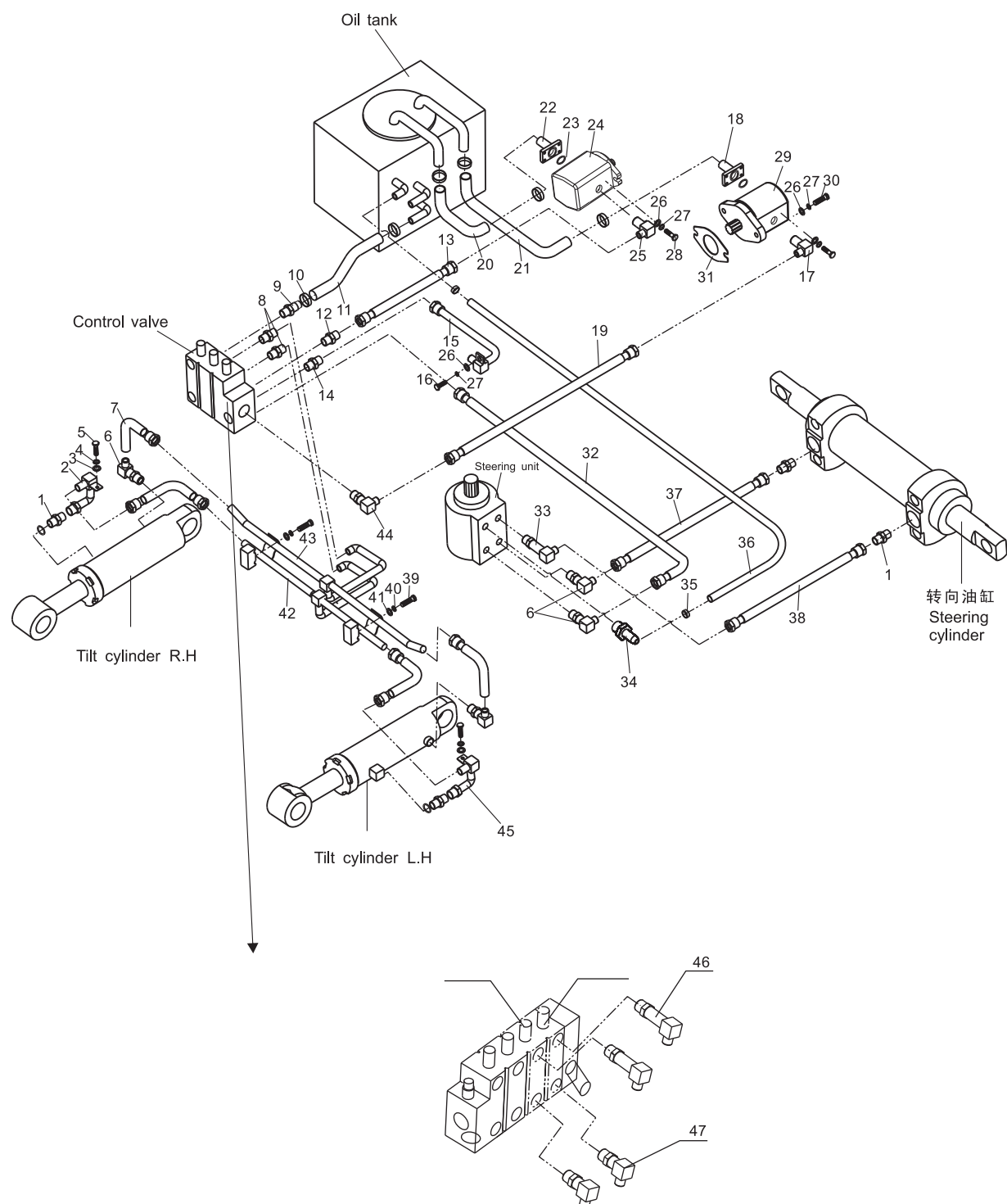
Hydraulic pipeline

FD50,60,70,80-CY1

Item	Part No	Description	Q'ty	Remark
1	GJT-51-00	Nipple	4	
2	A50A4-00400R	Nipple ass'y R.H.	1	
3	GB/T97.1	6 Washer	2	
4	GB/T93	6 Washer,lock	2	
5	GB/T818	M6×16 Bolt	2	
6	GJT-55-00	Elbow	4	
7	TGIBII-10042*G	10II×420 Hose H. P	4	
8	GJT-50-00	Nipple	2	
9	GJT-48-00	Nipple	1	
10	TK000-35051	35-51 Clip	6	
11	A50C4-00003	Hose	1	Two-throw
-	A50C4-00004	Hose	1	Three-throw
-	A50C4-00005	Hose	1	Four-throw
12	GJT-49-00	Nipple	1	
13	TGIBII-19050NL*G	19II×500 Hose H. P	1	
14	GJT-47-00	Nipple	1	
15	A50A4-00300	Steel pipe ass'y	1	
16	GB/T5783	M10×25 Bolt	1	
17	GJT-52-00	Elbow	1	
18	GJT-92-00	Connector	1	
19	TGIBII-19090NL*G	19II×900 Hose H. P	1	
-	TGIBII-19091NL*G	19II×910 Hose H. P	1	
20	A50C4-00001	Hose,suction	1	
21	A50C4-00002	Hose,suction	1	
22	GJT-58-00	Flange	1	
23	GB/T1235	O 36×3.5 O-ring	2	
24	A50A4-20100	Pump,front	1	

Hydraulic pipeline

FD50,60,70,80-CY1



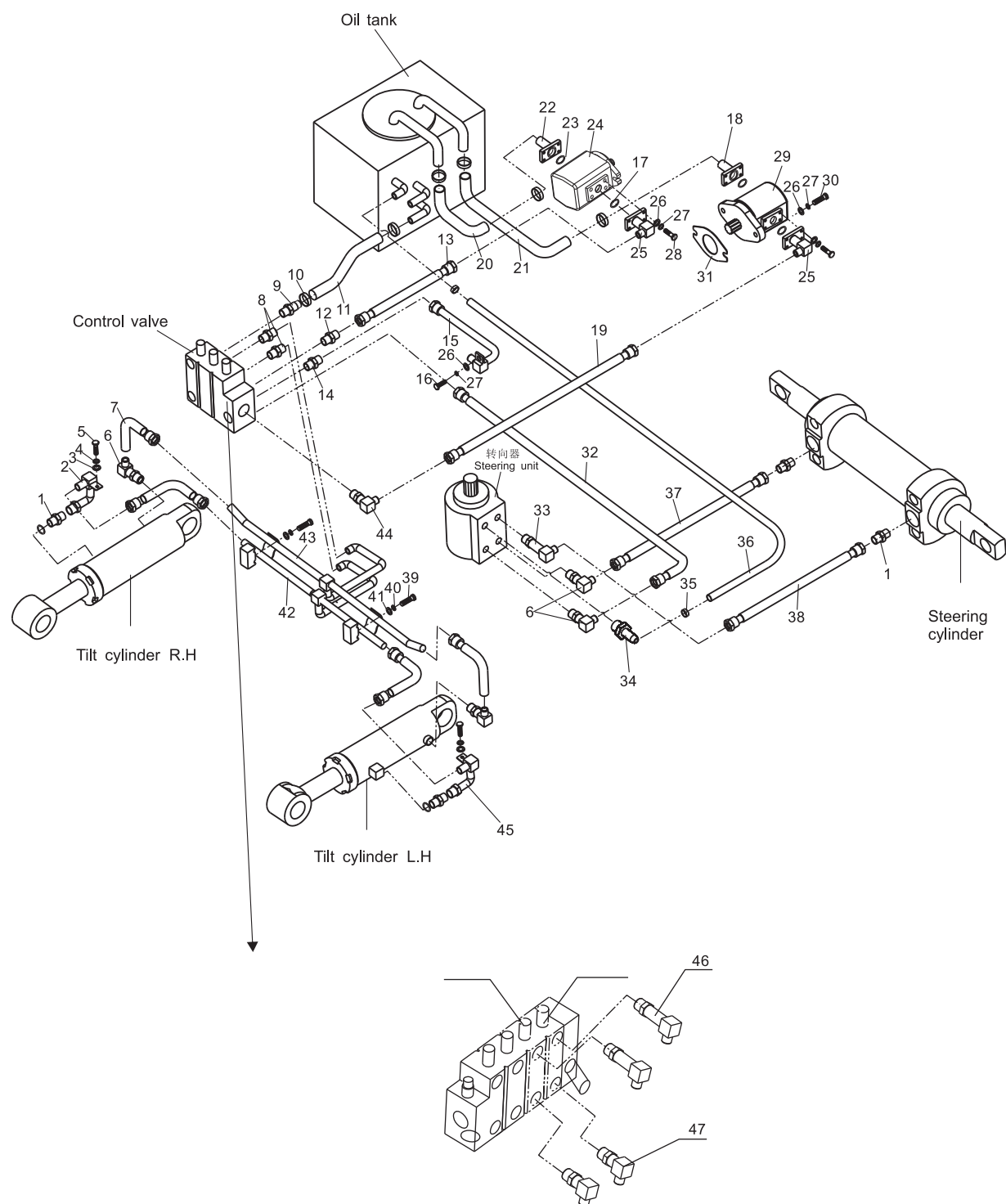
Hydraulic pipeline

FD50,60,70,80-CY1

Item	Part No	Description	Q'ty	Remark
25	GJT-43-00	Fuel discharge port	1	
-	GJT-57-00	Fuel discharge port	1	
26	GB/T97.1	10 Washer	18	
27	GB/T93	10 Washer,lock	18	
28	GB/T57830	M10×30 Bolt	16	
29	A50E4-20200	Pump,rear	1	
30	GB/T5786	M10×1.25×35 Bolt	4	
31	A50A4-00500	Packing	2	
32	TGIBII-10042*G	10II×420 Hose H. P	1	
-	TGIBII-10047*G	10II×470 Hose H. P	1	
33	GJT-54-00	Elbow	1	
34	GJT-111-00	Nipple	1	
35	TK000-22032	22-32 Clip	4	
36	TG000-19085	19×850 Hose	1	
37	TGIBI-10260*G	10I×2600 Hose H. P	1	
38	TGIBI-10250*G	10I×2500 Hose H. P	1	
39	GB/T5783	M8×25 Bolt	2	
40	GB/T93	8 Washer,lock	2	
41	GB/T97.1	8 Washer	2	
42	A50A4-00100	Steel pipe ass'y	1	
43	A50A4-00200	Steel pipe ass'y	1	
44	GJT-57-00	Elbow	1	
45	A50A4-00400L	Nipple ass'y L.H.	1	
46	GJT-101-00	Elbow	1	Three-throw
-	GJT-101-00	Elbow	2	Four-throw
47	GJT-102-00	Elbow	1	Three-throw
-	GJT-102-00	Elbow	2	Four-throw

Hydraulic pipeline

FD50,60,70,80-W3



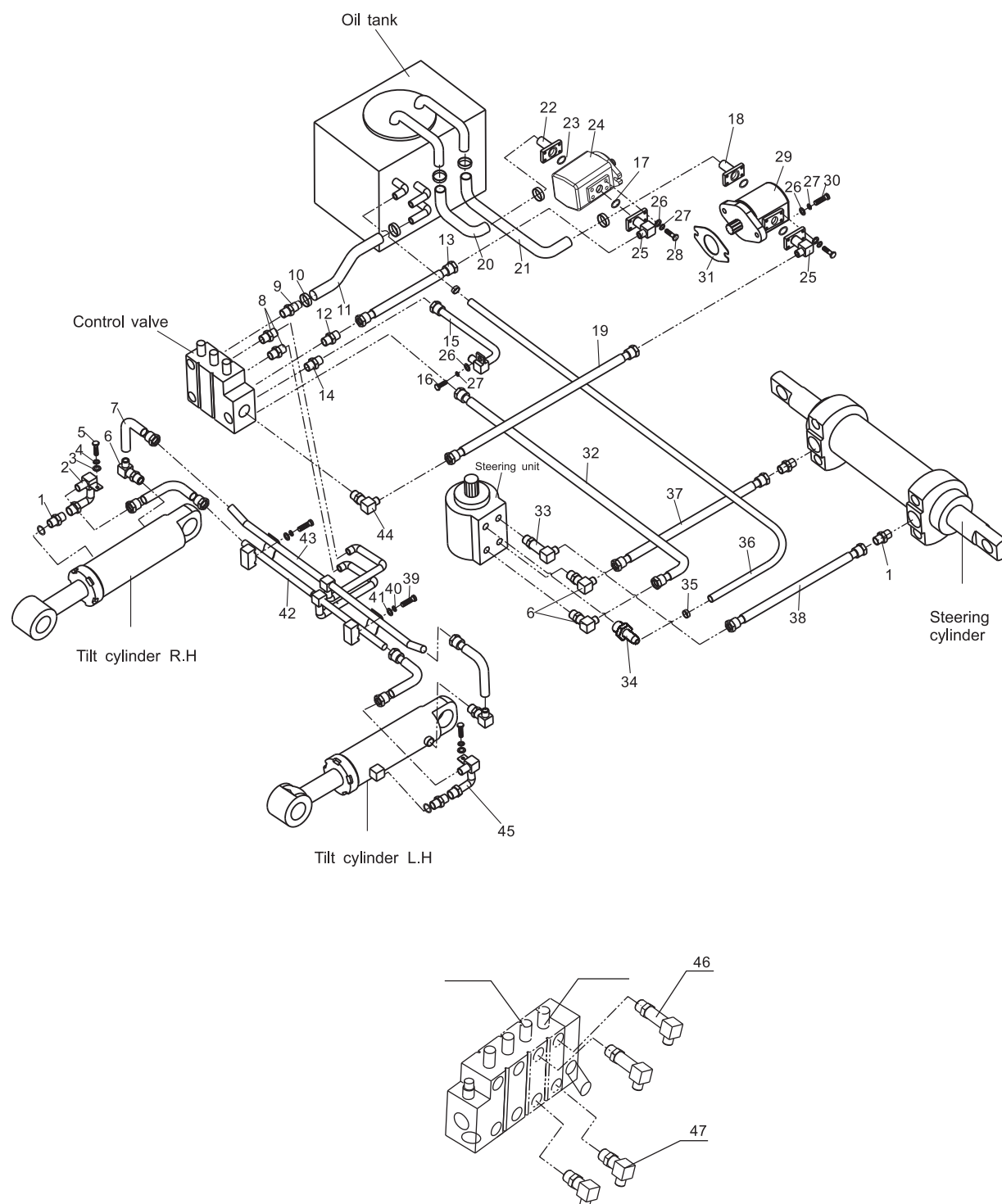
Hydraulic pipeline

FD50,60,70,80-W3

Item	Part No	Description	Q'ty	Remark
1	GJT-51-00	Nipple	4	
2	A50A4-00400R	Nipple ass'y R.H.	1	
3	GB/T97.1	6 Washer	2	
4	GB/T93	6 Washer,lock	2	
5	GB/T818	M6×16 Bolt	2	
6	GJT-55-00	Elbow	4	
7	TGIBII-10042*G	10II×420 Hose H. P	4	
8	GJT-50-00	Nipple	2	
9	GJT-48-00	Nipple	1	
10	TK000-35051	35-51 Clip	6	
11	A50C4-00003	Hose	1	两片阀用Two-throw
-	A50C4-00004	Hose	1	三片阀用Three-throw
-	A50C4-00005	Hose	1	四片阀用Four-throw
12	GJT-49-00	Nipple	1	
13	TGIBII-19050NL*G	19II×500 Hose H. P	1	
14	GJT-47-00	Nipple	1	
15	A50A4-00300	Steel pipe ass'y	1	
16	GB/T5783	M10×25 Bolt	1	
17	GB/T1235	O 35×3.5 O-ring	2	
18	GJT-92-00	Connector	1	
19	TGIBII-19090NL*G	19II×900 Hose H. P	1	
-	TGIBII-19091NL*G	19II×910 Hose H. P	1	
20	A50C4-00001	Hose,suction	1	
21	A50C4-00002	Hose,suction	1	
22	GJT-58-00	Flange	1	
23	GB/T1235	O 36×3.5 O-ring	2	
24	A50B4-20100	Pump,front	1	

Hydraulic pipeline

FD50,60,70,80-W3



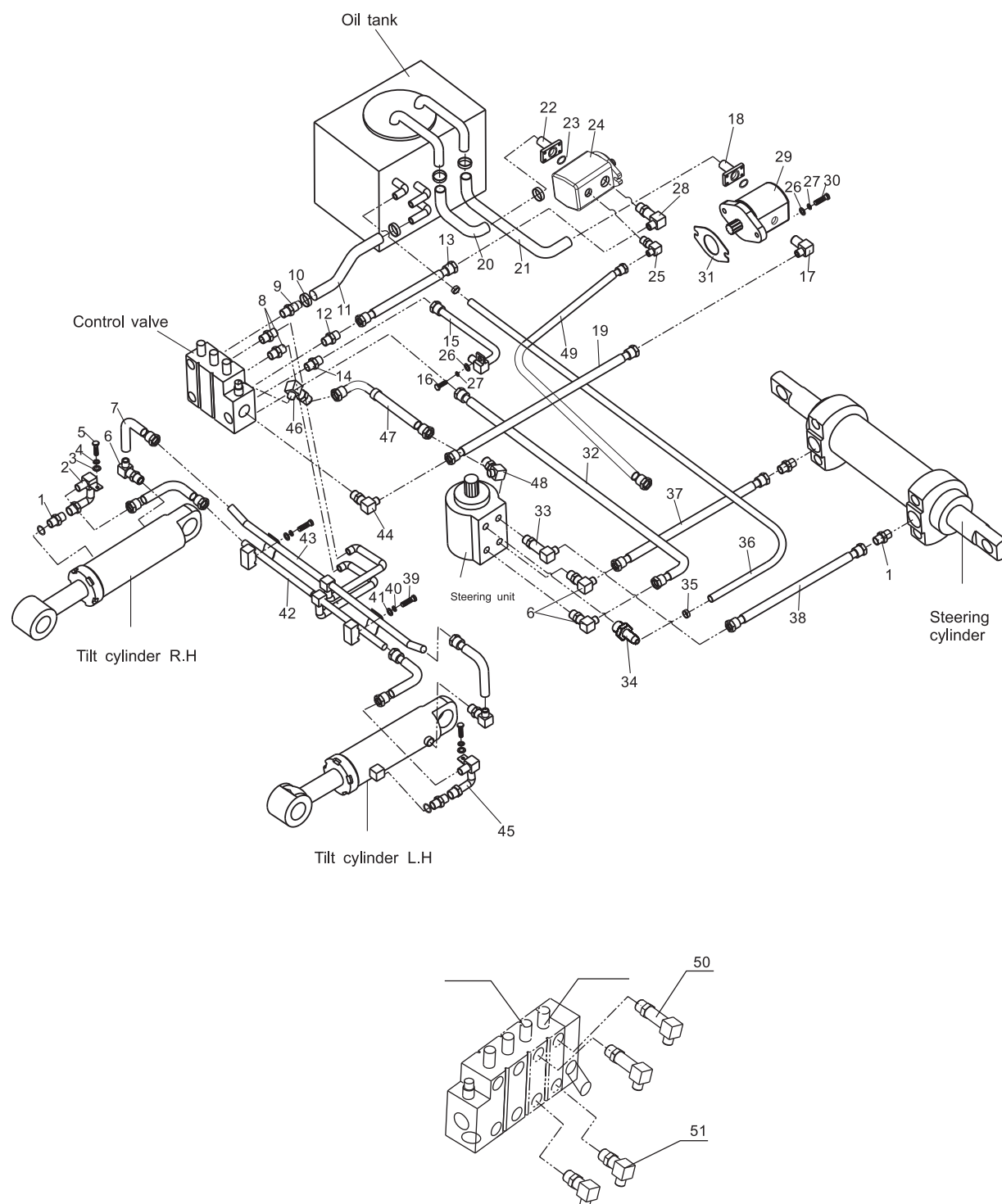
Hydraulic pipeline

FD50,60,70,80-W3

Item	Part No	Description	Q'ty	Remark
25	GJT-43-00	Fuel discharge port	2	
-	GJT-57-00	Fuel discharge port	2	
26	GB/T97.1	10 Washer	18	
27	GB/T93	10 Washer,lock	18	
28	GB/T57830	M10×30 Bolt	16	
29	A50B4-20200	Pump,rear	1	
30	GB/T5786	M10×1.25×35 Bolt	4	
31	A50A4-00500	Packing	2	
32	TGIBII-10042*G	10II×420 Hose H. P	1	
-	TGIBII-10047*G	10II×470 Hose H. P	1	
33	GJT-54-00	Elbow	1	
34	GJT-111-00	Nipple	1	
35	TK000-22032	22-32 Clip	4	
36	TG000-19085	19×850 Hose	1	
37	TGIBI-10260*G	10I×2600 Hose H. P	1	
38	TGIBI-10250*G	10I×2500 Hose H. P	1	
39	GB/T5783	M8×25 Bolt	2	
40	GB/T93	8 Washer,lock	2	
41	GB/T97.1	8 Washer	2	
42	A50A4-00100	Steel pipe ass'y	1	
43	A50A4-00200	Steel pipe ass'y	1	
44	GJT-57-00	Elbow	1	
45	A50A4-00400L	Nipple ass'y L.H.	1	
46	GJT-101-00	Elbow	1	Three-throw
-	GJT-101-00	Elbow	2	Four-throw
47	GJT-102-00	Elbow	1	Three-throw
-	GJT-102-00	Elbow	2	Four-throw

Hydraulic pipeline

FD50,60,70,80-S3



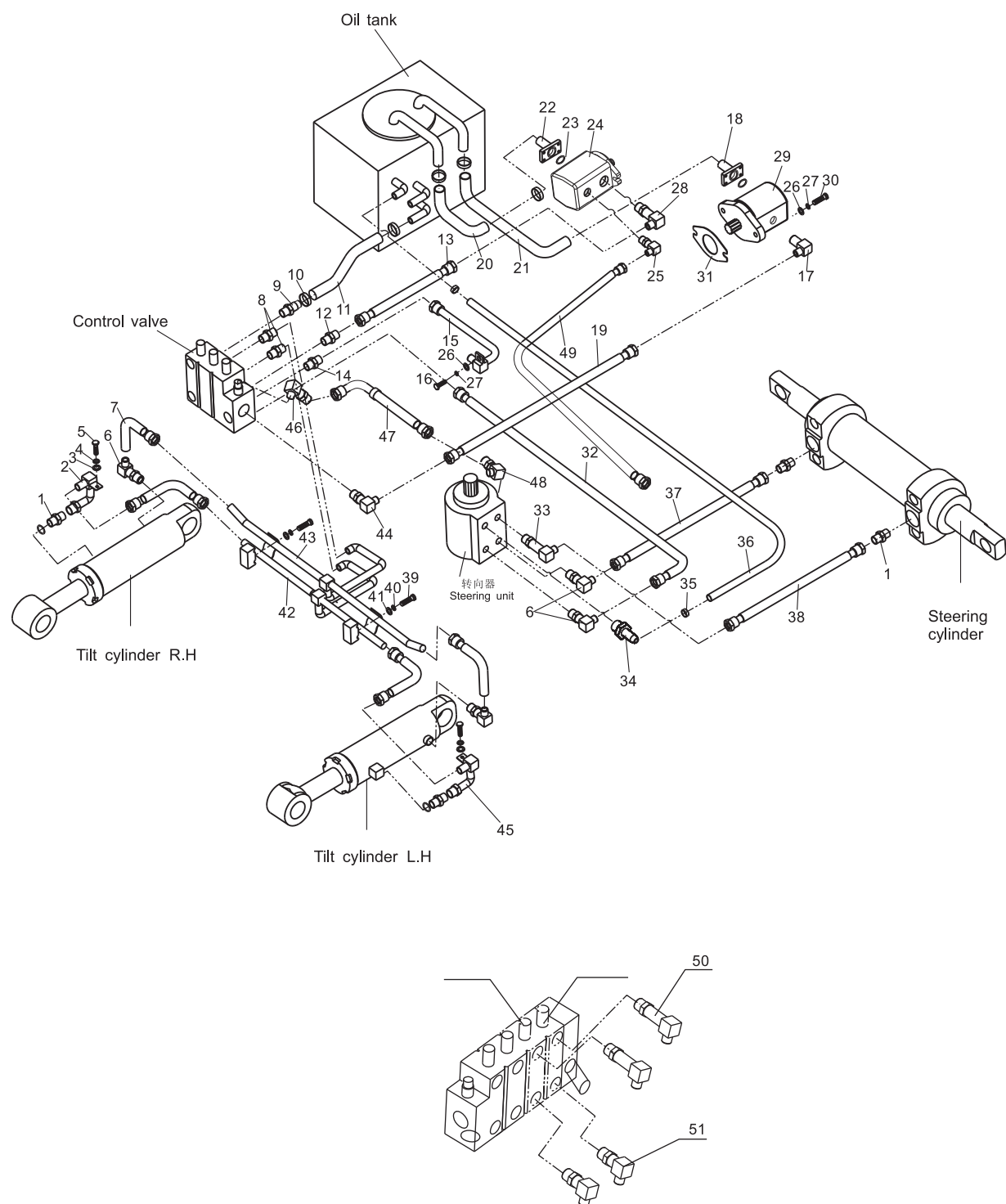
Hydraulic pipeline

FD50,60,70,80-S3

Item	Part No	Description	Q'ty	Remark
1	GJT-51-00	Nipple	4	
2	A50A4-00400R	Nipple ass'y R.H.	1	
3	GB/T97.1	6 Washer	2	
4	GB/T93	6 Washer,lock	2	
5	GB/T818	M6×16 Bolt	2	
6	GJT-55-00	Elbow	4	
7	TGIBII-10042*G	10II×420 Hose H. P	4	
8	GJT-50-00	Nipple	2	
9	GJT-48-00	Nipple	1	
10	TK000-35051	35-51 Clip	6	
11	A50C4-00003	Hose	1	Two-throw
-	A50C4-00004	Hose	1	Three-throw
-	A50C4-00005	Hose	1	Four-throw
12	GJT-49-00	Nipple	1	
13	TGIBII-19050NL*G	19II×500 Hose H. P	1	
14	GJT-47-00	Nipple	1	
15	A50A4-00300	Steel pipe ass'y	1	
16	GB/T5783	M10×25 Bolt	1	
17	GJT-52-00	Elbow	1	
18	GJT-92-00	Connector	1	
19	TGIBII-19090NL*G	19II×900 Hose H. P	1	
-	TGIBII-19091NL*G	19II×910 Hose H. P	1	
20	A50C4-00001	Hose,suction	1	
21	A50C4-00002	Hose,suction	1	
22	GJT-58-00	Flange	1	
23	GB/T1235	O 36×3.5 O-ring	2	
24	A50E4-20100	Pump,front	1	

Hydraulic pipeline

FD/Y50,60,70,80-S3/G3/G4



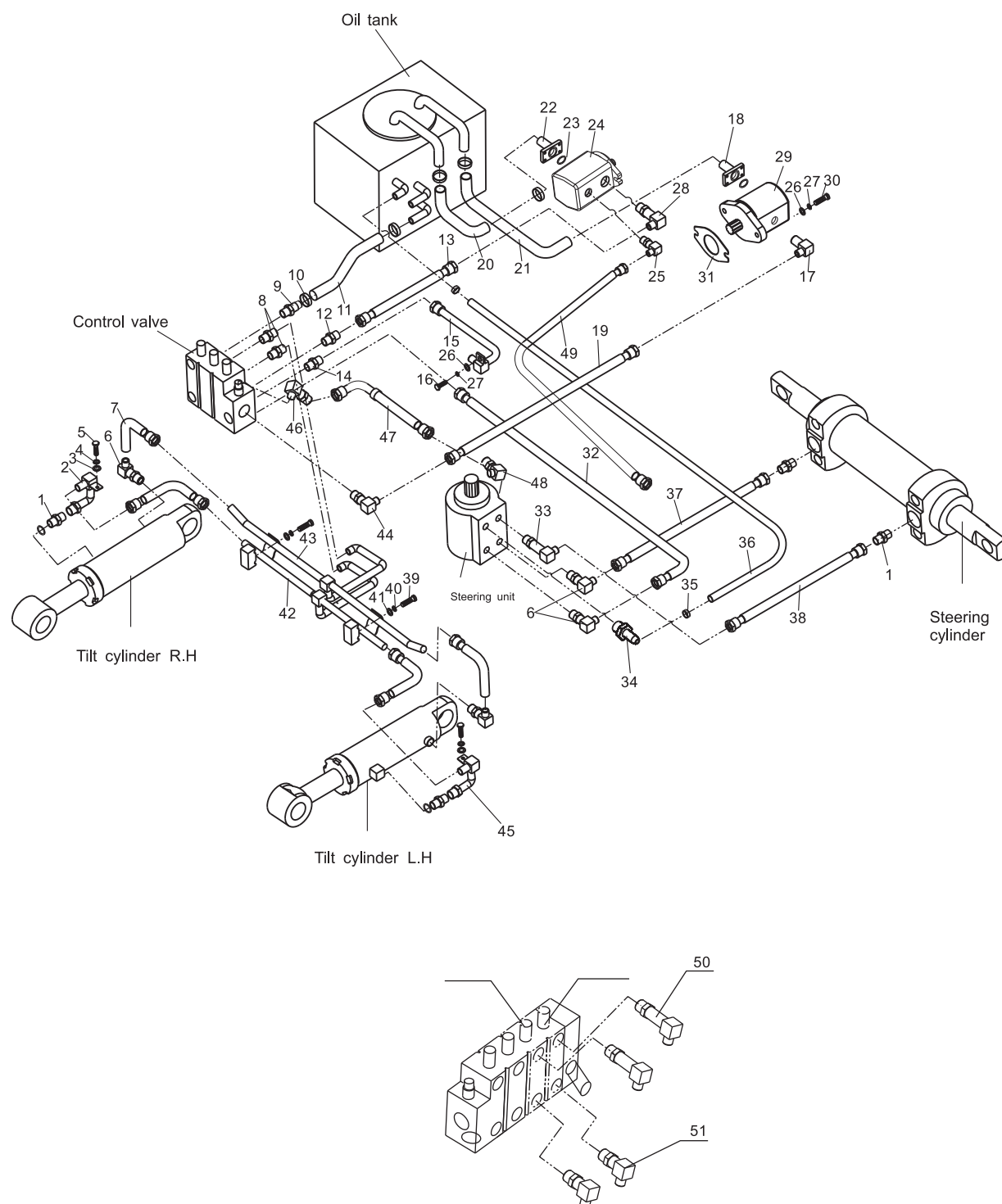
Hydraulic pipeline

FD/Y50,60,70,80-S3/G3/G4

Item	Part No	Description	Q'ty	Remark
25	GJT-52-00	Fuel discharge port	1	
26	GB/T97.1	10 Washer	18	
27	GB/T93	10 Washer,lock	18	
28	GJT-144-00	Elbow	1	
29	A50E4-20200	Pump,rear	1	
30	GB/T5786	M10×1.25×35 Bolt	4	
31	A50A4-00500	Packing	2	
32	TGIBII-10042*G	10II×420 Hose H. P	1	
-	TGIBII-10047*G	10II×470 Hose H. P	1	
33	GJT-54-00	Elbow	1	
34	GJT-111-00	Nipple	1	
35	TK000-22032	22-32 Clip	4	
36	TG000-19120	19×1200 Hose	1	
37	TGIBI-10260*G	10I×2600 Hose H. P	1	
38	TGIBI-10250*G	10I×2500 Hose H. P	1	
39	GB/T5783	M8×25 Bolt	2	
40	GB/T93	8 Washer,lock	2	
41	GB/T97.1	8 Washer	2	
42	A50A4-00100	Steel pipe ass'y	1	
43	A50A4-00200	Steel pipe ass'y	1	
44	GJT-57-00	Elbow	1	
45	A50A4-00400L	Nipple ass'y L.H.	1	
46	GJT-174-00	Elbow	1	
47	TGLBI-06032-H30*G	6I×320 Hose H. P	1	
48	GJT-344-00	135° Connector	1	
49	TGIBI-10070*G	10I×700 Hose H. P	1	

Hydraulic pipeline

FD/Y50,60,70,80-S3/G3/G4



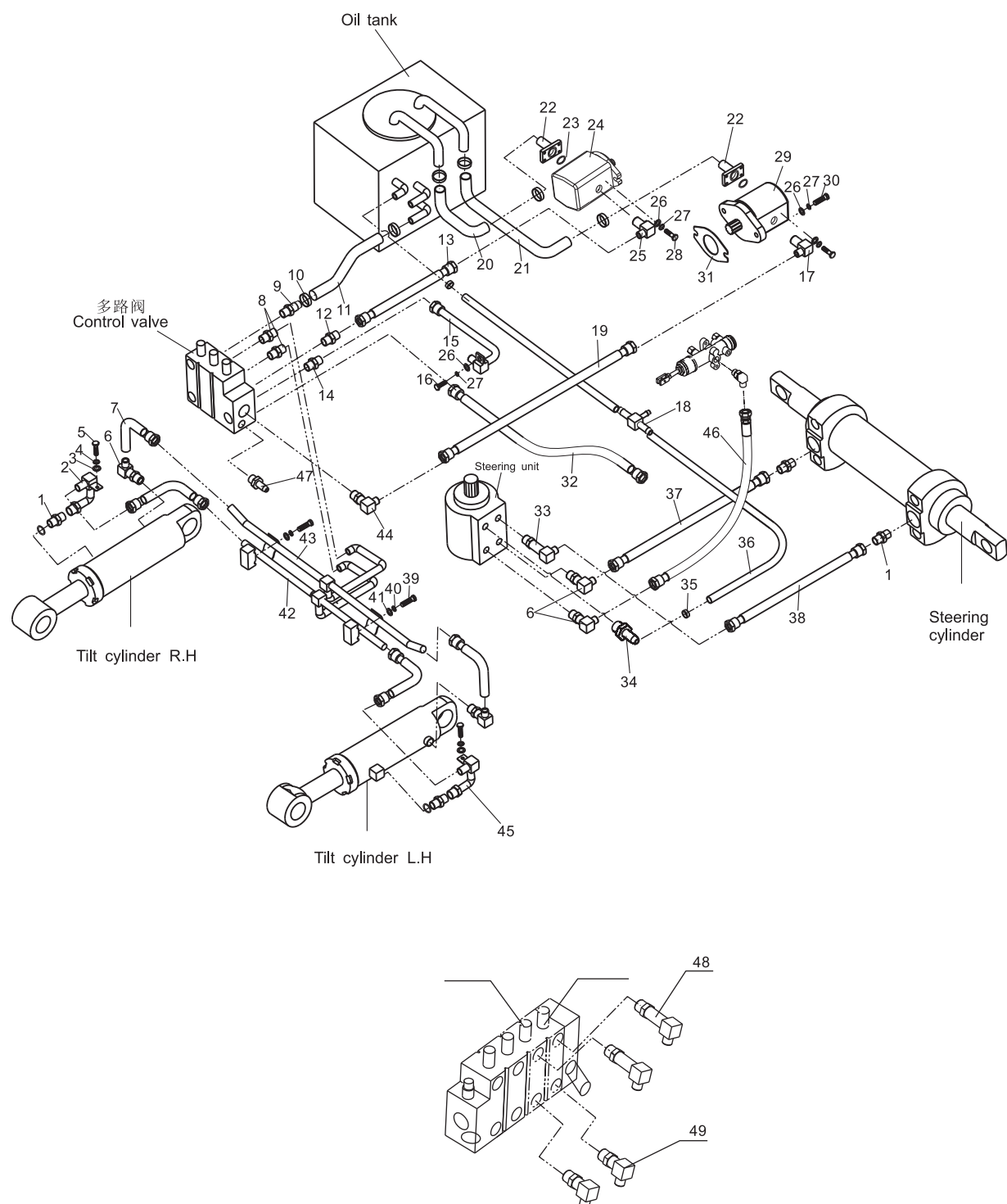
Hydraulic pipeline

FD/Y50,60,70,80-S3/G3/G4

Item	Part No	Description	Q'ty	Remark
46	GJT-101-00	Elbow	1	Three-throw
-	GJT-101-00	Elbow	2	Four-throw
47	GJT-102-00	Elbow	1	Three-throw
-	GJT-102-00	Elbow	2	Four-throw

Hydraulic pipeline

FD50,60,70,80-YC2



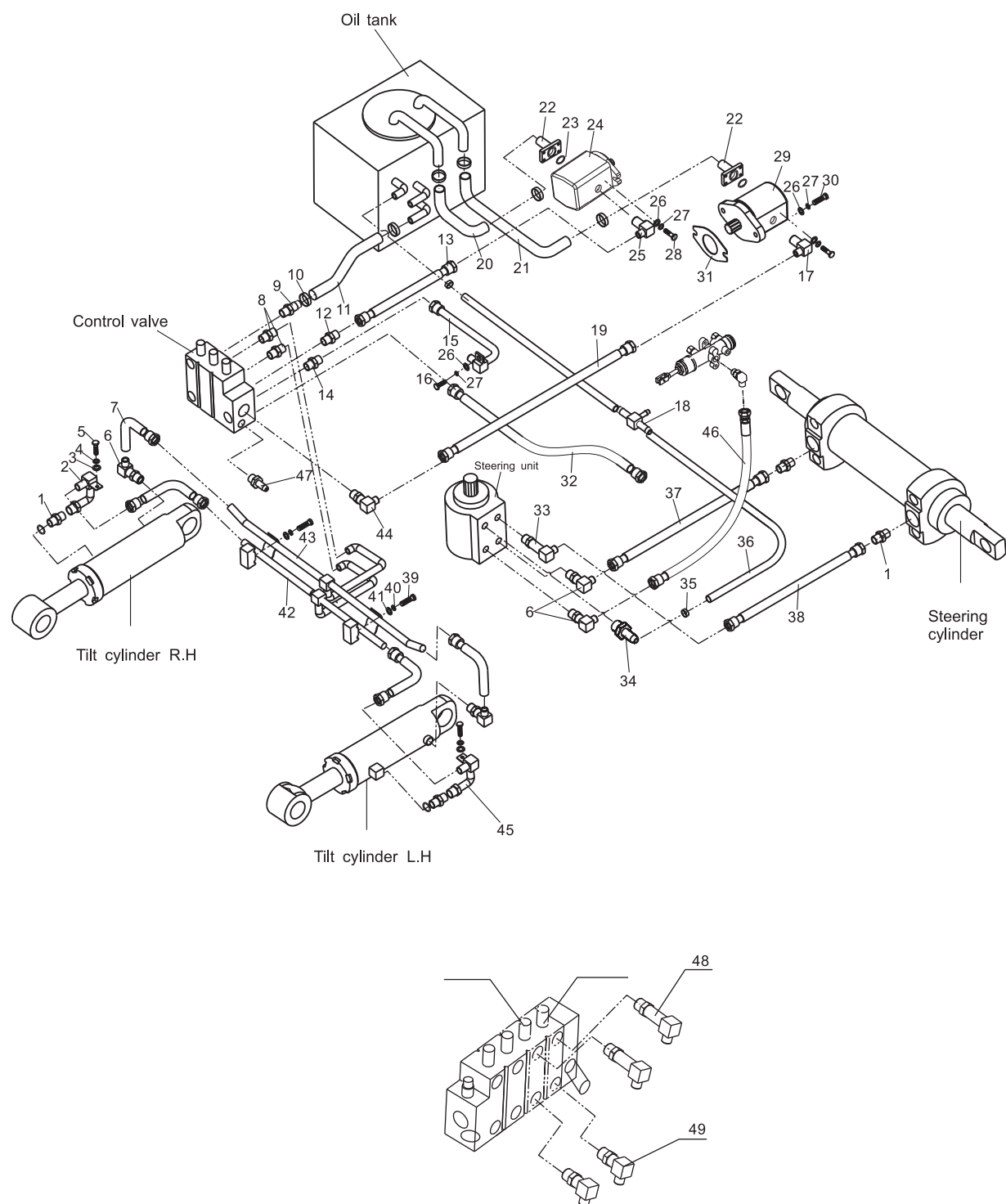
Hydraulic pipeline

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
1	GJT-51-00	Nipple	4	
2	A50A4-00400R	Nipple ass'y R.H.	1	
3	GB/T97.1	6 Washer	2	
4	GB/T93	6 Washer,lock	2	
5	GB/T818	M6×16 Bolt	2	
6	GJT-55-00	Elbow	4	
7	TGIBII-10042*G	10II×420 Hose H. P	4	
8	GJT-50-00	Nipple	2	
9	GJT-48-00	Nipple	1	
10	TK000-35051	35-51 Clip	6	
11	A50C4-00003	Hose	1	Two-throw
-	A50C4-00004	Hose	1	Three-throw
-	A50C4-00005	Hose	1	Four-throw
12	GJT-49-00	Nipple	1	
13	TGIBII-19050NL*G	19II×500 Hose H. P	1	
14	GJT-47-00	Nipple	1	
15	A50A4-00300	Steel pipe ass'y	1	
16	GB/T5783	M10×25 Bolt	1	
17	GJT-52-00	Elbow	1	
18	GJT-204-00	Connector	1	
19	TGIBII-19090NL*G	19II×900 Hose H. P	1	
-	TGIBII-19091NL*G	19II×910 Hose H. P	1	
20	A50C4-00001	Hose,suction	1	
21	A50C4-00002	Hose,suction	1	
22	GJT-58-00	Flange	2	
23	GB/T1235	36×3.5 O-ring	2	
24	A50A4-20100	Pump,front	1	

Hydraulic pipeline

FD50,60,70,80-YC2



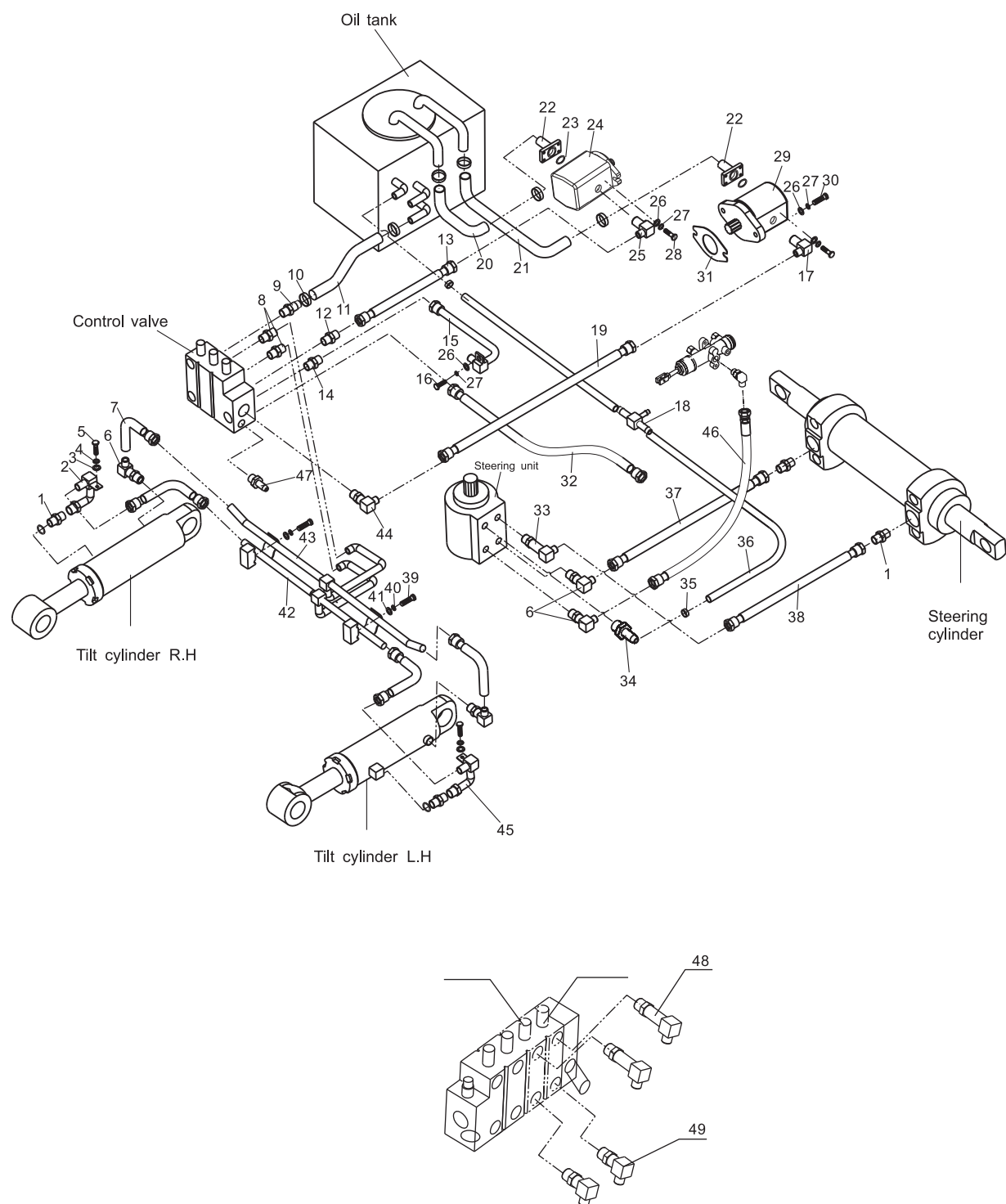
Hydraulic pipeline

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
25	GJT-43-00	Fuel discharge port	1	
-	GJT-57-00	Fuel discharge port	1	
26	GB/T97.1	10 Washer	18	
27	GB/T93	10 Washer,lock	18	
28	GB/T57830	M10×30 Bolt	16	
29	A50A4-20200	Pump,rear	1	
30	GB/T5786	M10×1.25×35 Bolt	4	
31	A50A4-00500	Packing	2	
32	TGIBII-10052*G	10II×520 Hose H. P	1	
-	TGIBII-10057*G	10II×570 Hose H. P	1	
33	GJT-54-00	Elbow	1	
34	GJT-111-00	Nipple	1	
35	TK000-22032	22-32 Clip	4	
36	TG000-19085	19×850 Hose	1	
37	TGIBI-10260*G	10I×2600 Hose H. P	1	
38	TGIBI-10250*G	10I×2500 Hose H. P	1	
39	GB/T5783	M8×25 Bolt	2	
40	GB/T93	8 Washer,lock	2	
41	GB/T97.1	8 Washer	2	
42	A50A4-00100	Steel pipe ass'y	1	
43	A50A4-00200	Steel pipe ass'y	1	
44	GJT-57-00	Elbow	1	
45	A50A4-00400L	Nipple ass'y L.H.	1	
46	TGIBI-10088*G	10I×880 Hose H. P	1	
47	GJT-90-00	Nipple	1	

Hydraulic pipeline

FD50,60,70,80-YC2



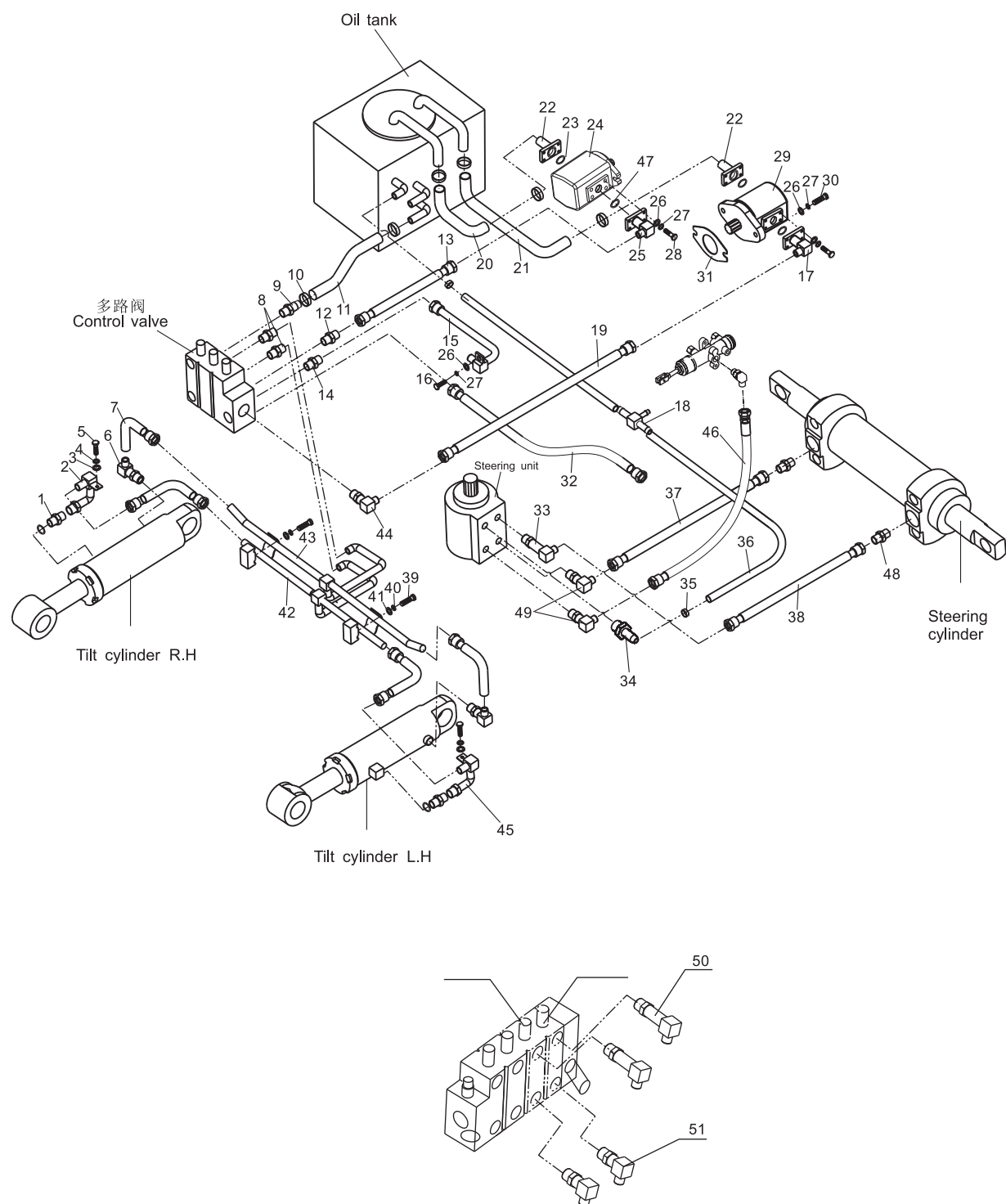
Hydraulic pipeline

FD50,60,70,80-YC2

Item	Part No	Description	Q'ty	Remark
48	GJT-101-00	Elbow	1	Three-throw
-	GJT-101-00	Elbow	2	Four-throw
49	GJT-102-00	Elbow	1	Three-throw
-	GJT-102-00	Elbow	2	Four-throw

Hydraulic pipeline

FD50,60,70,80-KMS2



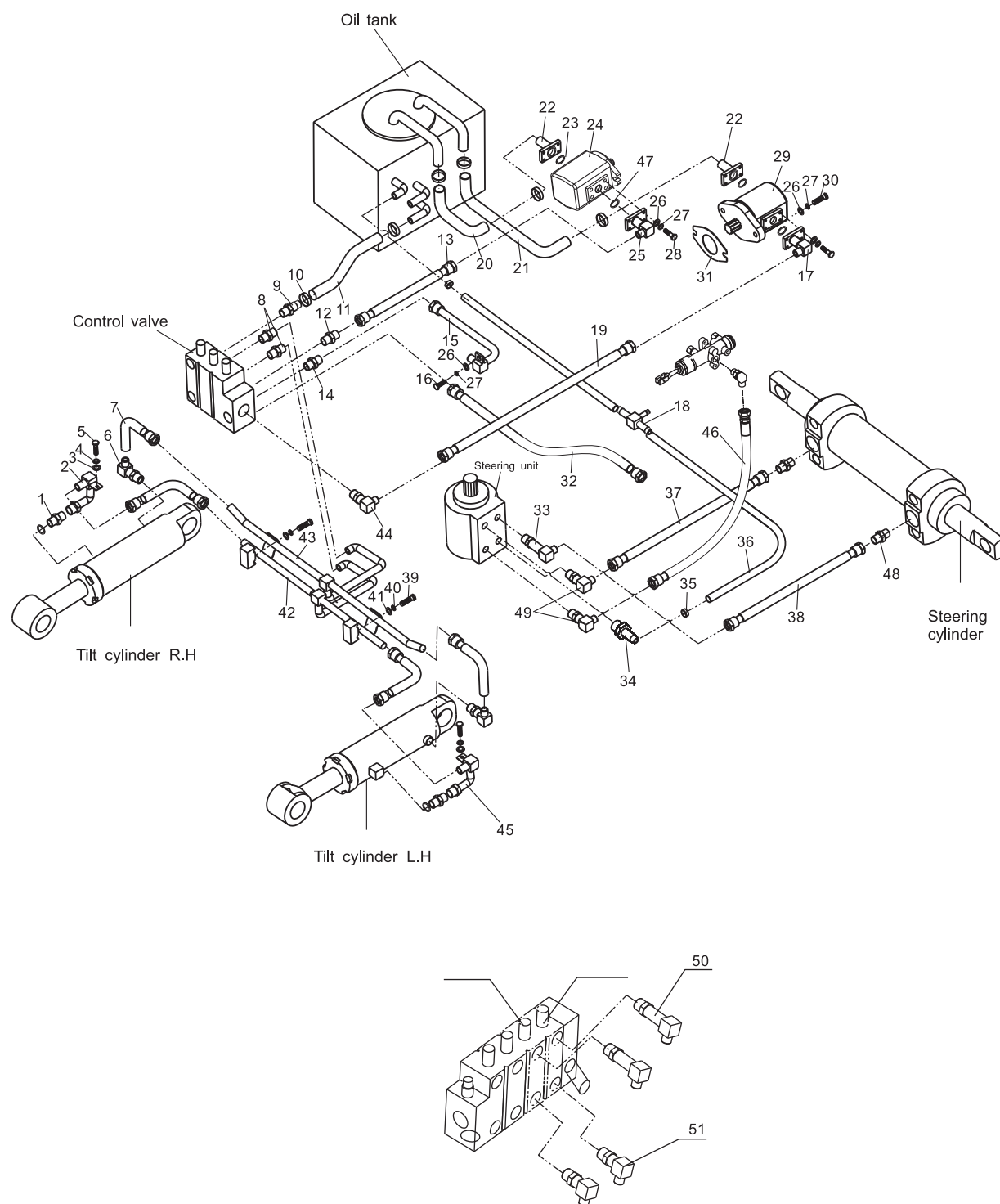
Hydraulic pipeline

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
1	GJT-51-00	Nipple	42	
2	A50A4-00400R	Nipple ass'y R.H.	1	
3	GB/T97.1	6 Washer	2	
4	GB/T93	6 Washer,lock	2	
5	GB/T818	M6×16 Bolt	2	
6	GJT-55-00	Elbow	2	
7	TGIBII-10042*G	10II×420 Hose H. P	4	
8	GJT-50-00	Nipple	2	
9	GJT-48-00	Nipple	1	
10	TK000-35051	35-51 Clip	6	
11	A50C4-00003	Hose	1	Two-throw
-	A50C4-00004	Hose	1	Three-throw
-	A50C4-00005	Hose	1	Four-throw
12	GJT-49-00	Nipple	1	
13	TGIBII-19050NL*G	19II×500 Hose H. P	1	
14	GJT-382-00	Nipple	1	
15	A90F4-00100	Steel pipe ass'y	1	
16	GB/T5783	M10×25 Bolt	1	
17	GJT-52-00	Elbow	1	
18	GJT-204-00	Connector	1	
19	TGIBII-19090NL*G	19II×900 Hose H. P	1	
-	TGIBII-19091NL*G	19II×910 Hose H. P	1	
20	A50C4-00001	Hose,suction	1	
21	A50C4-00002	Hose,suction	1	
22	GJT-58-00	Flange	2	
23	GB/T1235	O36×3.5 O-ring	2	
24	A50B4-20100	Pump,front	1	

Hydraulic pipeline

FD50,60,70,80-KMS2



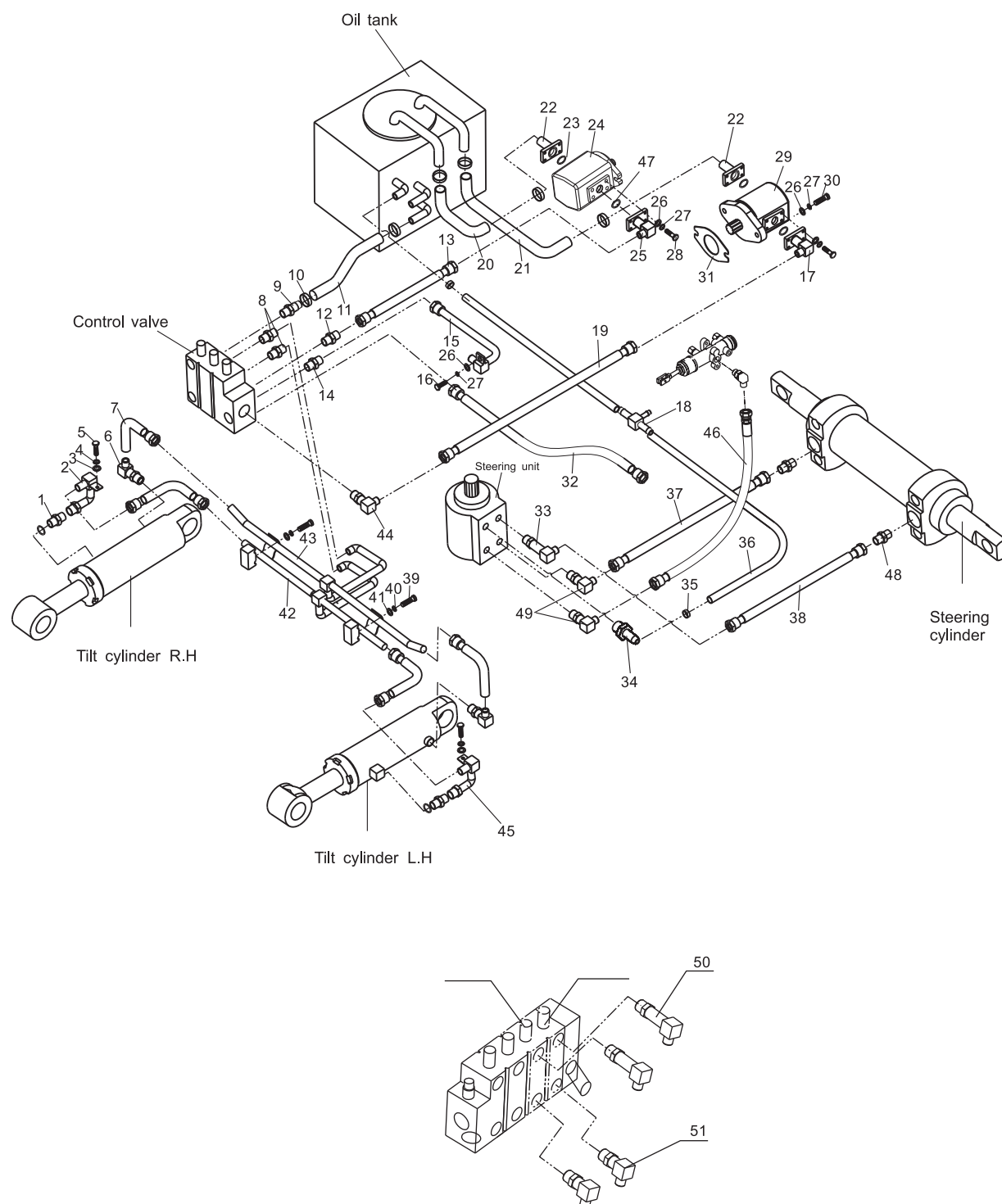
Hydraulic pipeline

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
25	GJT-43-00	Fuel discharge port	1	
-	GJT-57-00	Fuel discharge port	1	
26	GB/T97.1	10 Washer	18	
27	GB/T93	10 Washer,lock	18	
28	GB/T57830	M10×30 Bolt	16	
29	A50B4-20200	Pump,rear	1	
30	GB/T5786	M10×1.25×35 Bolt	4	
31	A50A4-00500	Packing	2	
32	TGIBII-10052*G	10II×520 Hose H. P	1	
-	TGIBII-10057*G	10II×570 Hose H. P	1	
33	GJT-383-00	Elbow	1	
34	GJT-111-00	Nipple	1	
35	TK000-22032	22-32 Cli p	4	
36	TG000-19110	19×1100 Hose	1	
37	TGIBI-10260*G	10I×2600 Hose H. P	1	
38	TGIBI-10250*G	10I×2500 Hose H. P	1	
39	GB/T5783	M8×25 Bolt	2	
40	GB/T93	8 Washer,lock	2	
41	GB/T97.1	8 Washer	2	
42	A50A4-00100	Steel pipe ass'y	1	
43	A50A4-00200	Steel pipe ass'y	1	
44	GJT-57-00	Elbow	1	
45	A50A4-00400L	Nipple ass'y L.H.	1	
46	TGICI-10088*G	10I×880 Hose H. P	1	
47	GB/T1235	O 35×3.5 O-ring	2	
48	GJT-51-00	Elbow	2	
49	GJT-55-00	Elbow	2	

Hydraulic pipeline

FD50,60,70,80-KMS2



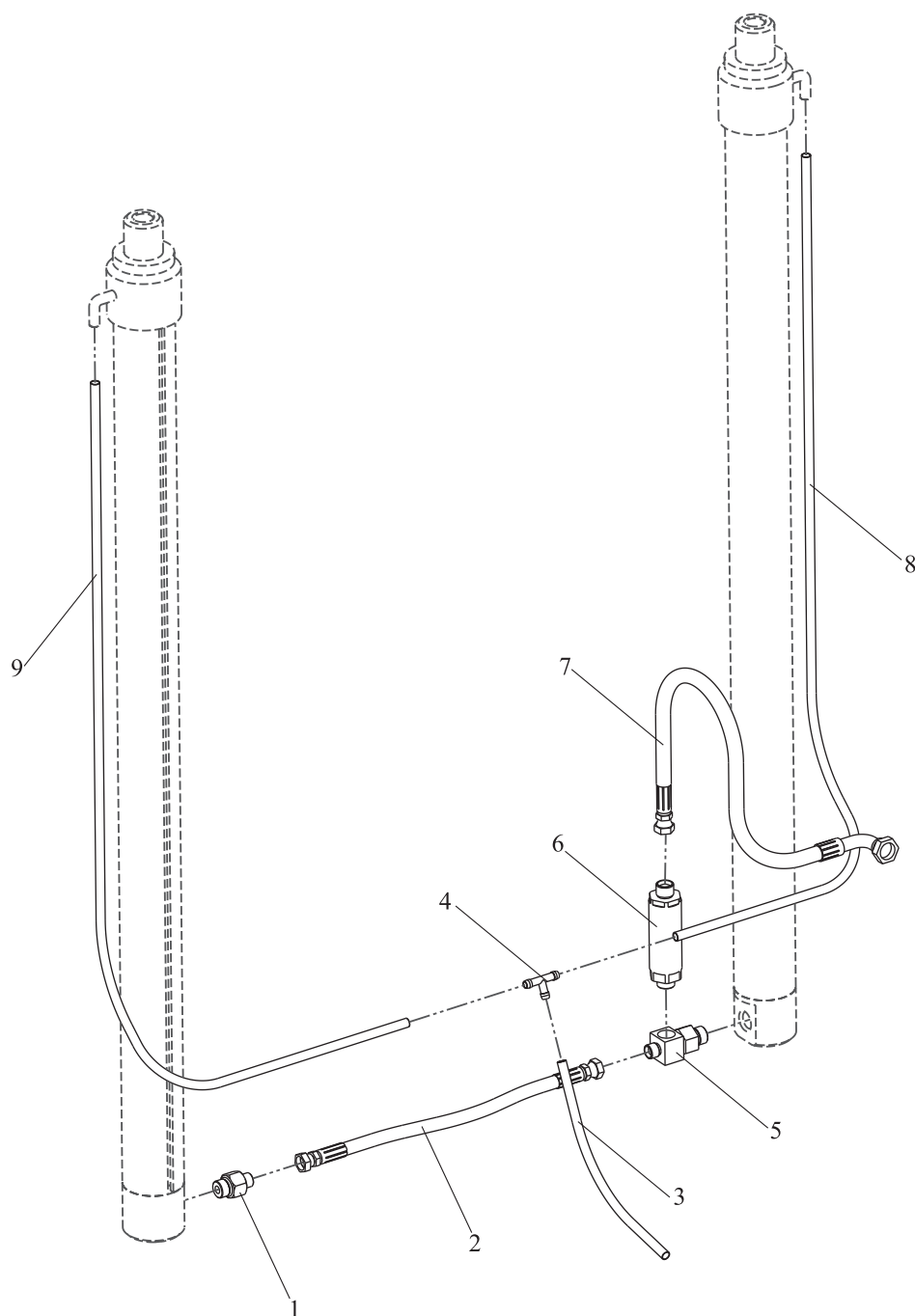
Hydraulic pipeline

FD50,60,70,80-KMS2

Item	Part No	Description	Q'ty	Remark
50	GJT-101-00	Elbow	1	Three-throw
-	GJT-101-00	Elbow	2	Four-throw
51	GJT-102-00	Elbow	1	Three-throw
-	GJT-102-00	Elbow	2	Four-throw

LIFTING SYSTEM

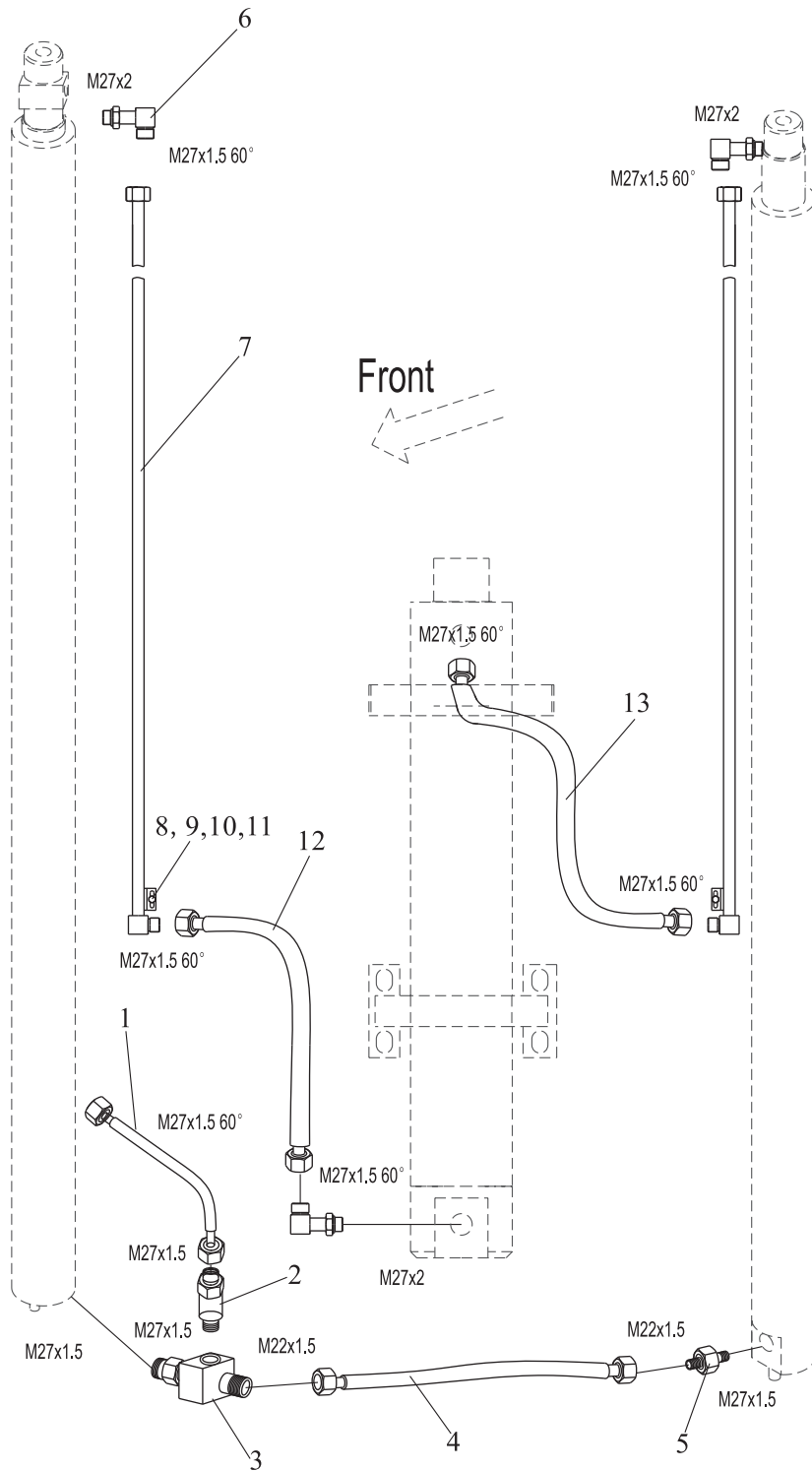
Hydraulic system mast(Normal mast KM)



Hydraulic system mast(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	GJT-42-00	Nipple	1	EX-B
-	GJT-404-00	Nipple	1	EX-A
2	TGIBII-13056*J	13II×560 Hose H.P.	1	EX-B
-	TGICII-13058*J	13II×580 Hose H.P.	1	EX-A
3	TG000-120XX	d12×L3 Tube vinyl	1	
4	GJT-01-00	Joint	1	
5	GJT-41-00	Three way connector	1	EX-B
-	GJT-422-00	Three way connector	1	EX-A
6	GJT-40-00	Flow regulator	1	EX-B
-	GJT-402-00	Flow regulator	1	EX-A
7	TGLBII-19084-H55GS*J	19II×840 Hose H.P.	1	EX-B
-	TGLCII-19084-H55GS*J	19II×840 Hose H.P.	1	EX-A
8	TG000-120XX	d12×L1 Tube vinyl	1	
9	TG000-120XX	d12×L2 Tube vinyl	1	

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



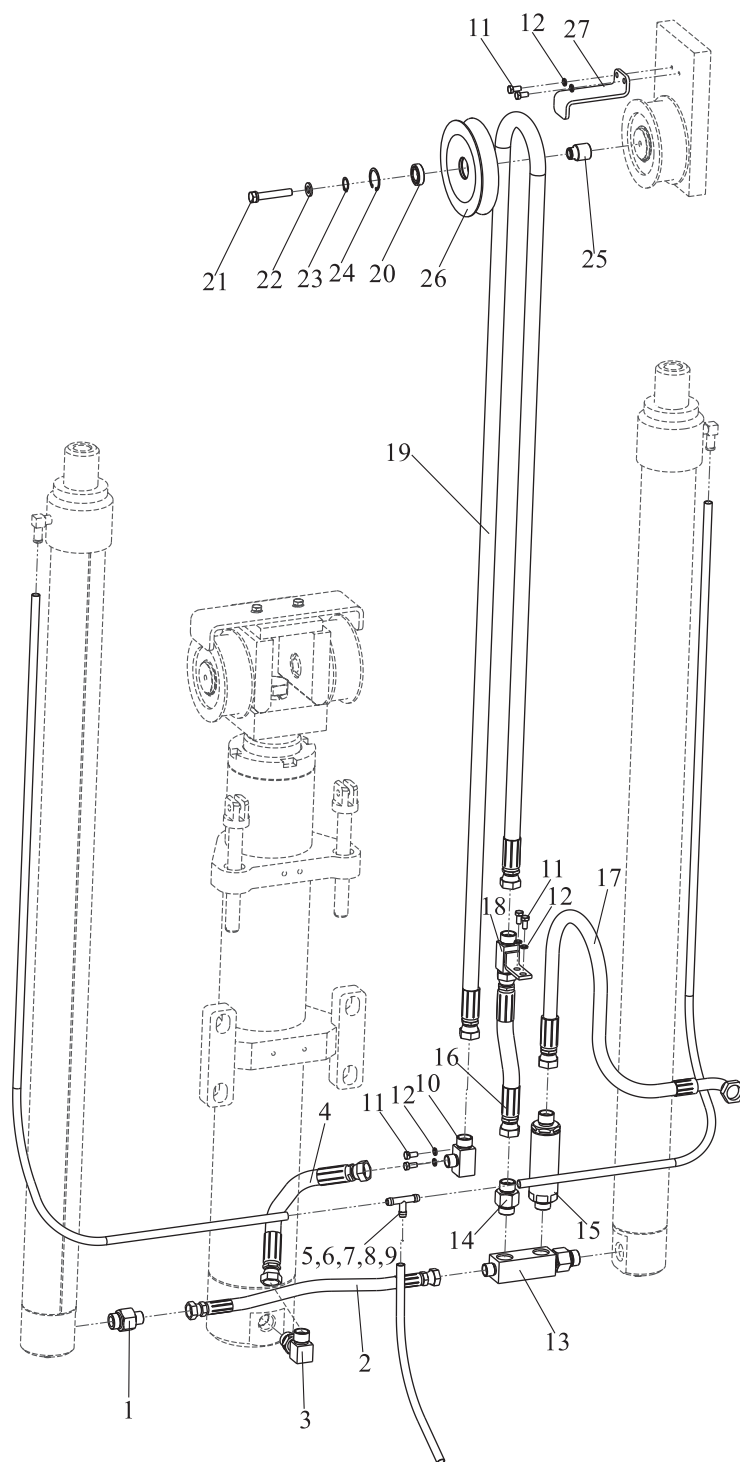
Hydraulic system mast(Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	TGLBII-190100-H55GS*J	19II×1000 Hose H.P.	1	EX-B
-	TGLCII-190100-H55GS*J	19II×1000 Hose H.P.	1	EX-A
2	GJT-40-00	Flow regulator	1	EX-B
-	GJT-402-00	Flow regulator	1	EX-A
3	GJT-446-00	Three way connector	1	EX-B
-	GJT-447-00	Three way connector	1	EX-A
4	TGIBII-13058*J	13II×580 Hose H.P.	1	EX-B
-	TGICII-13058*J	13II×580 Hose H.P.	1	EX-A
5	GJT-42-00	Nipple	1	EX-B
-	GJT-404-00	Nipple	1	EX-A
6	GJT-160-00	Nipple	3	
7	Z70B3-70100-XXXX	Steel tube ass'y	2	
8	GB/T5783	M8×25 Bolt	2	
9	GB/T93	8 Washer,lock	2	
10	GB/T97.1	8 Washer	2	
11	GB/T6170	M8 Nut	2	
12	TGIBII-16080*J	16II×800 Hose H.P.	1	
13	TGIBII-16XXX*G	16II×XXX Hose H.P.	1	

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

(Mast Piping Optional Parts)				
Lifting Height	Part No	Hose(mm)	Part No	Hose(mm)
2300	Z70B3-70100-Z230	870	TGIBI-16045*G	450
2500	Z70B3-70100-Z250	970	TGIBI-16043*G	430
3000	Z70B3-70100-Z300	1220	TGIBI-16045*G	450
3300	Z70B3-70100-Z330	1370	TGIBI-16050*G	500
3500	Z70B3-70100-Z350	1470	TGIBI-16054*G	540
3700	Z70B3-70100-Z370	1570	TGIBI-16057*G	570
4000	Z70B3-70100-Z400	1770	TGIBI-16065*G	650
4500	Z70B3-70100-Z450	2020	TGIBI-16075*G	750
5000	Z70B3-70100-Z500	2270	TGIBI-16085*G	850
5500	Z70B3-70100-Z550	2570	TGIBI-16105*G	1050
6000	Z70B3-70100-Z600	2820	TGIBI-16115*G	1150

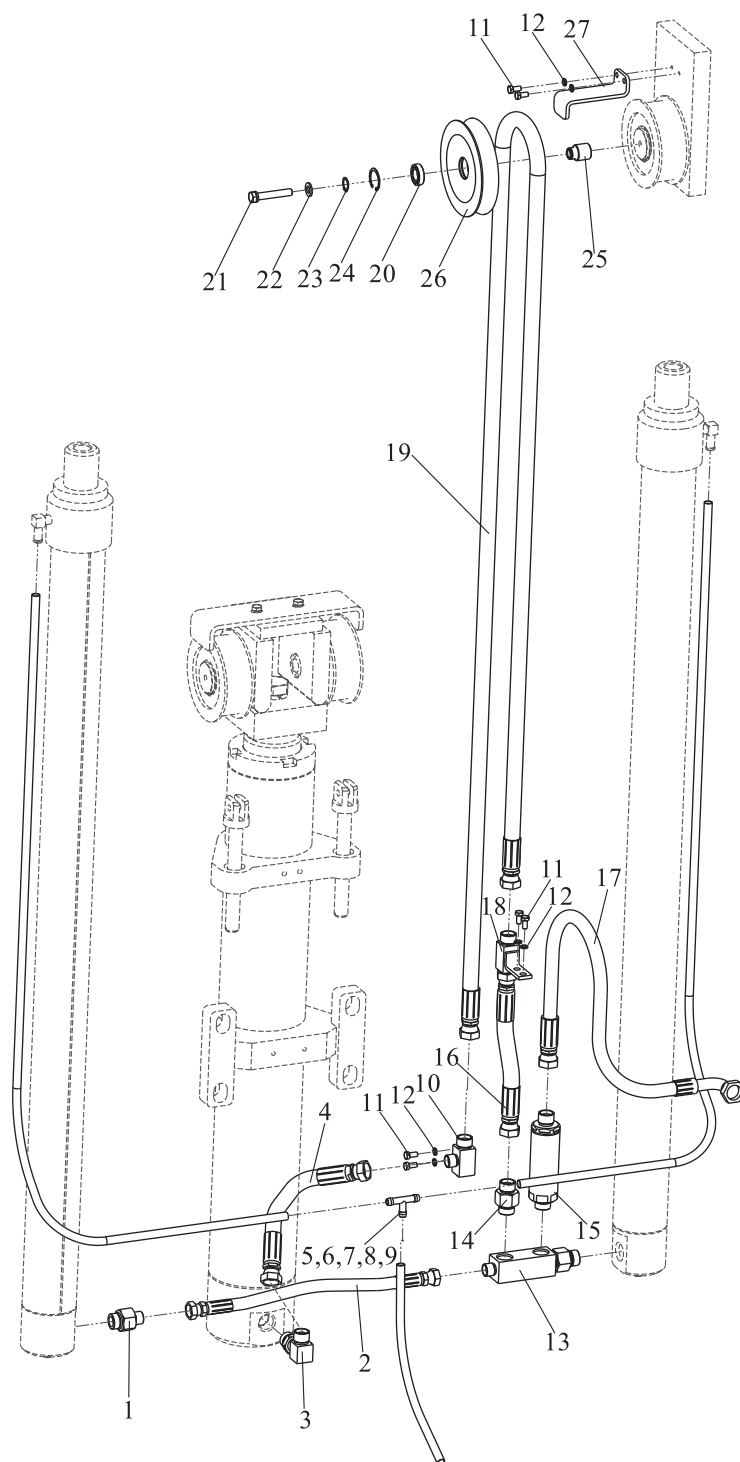
Hydraulic system mast(Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
1	GJT-42-00	Nipple	1	EX-B
-	GJT-404-00	Nipple	1	EX-A
2	TGIBII-13048*J	13II×480 Hose H.P.	1	EX-B
-	TGICII-13048*J	13II×480 Hose H.P.	1	EX-A
3	GJT-160-00	Nipple	1	
4	TGIBII-16047*J	16II×470 Hose H.P.	1	EX-B
-	TGICII-16047*J	16II×470 Hose H.P.	1	EX-A
5	GJT-01-00	Joint	1	
6	TG000-12XX	d12 Tube vinyl	1	
7	TG000-12120	d12×1200 Tube vinyl	1	
8	TQ000-08040	Binding	4	
9	TG000-12XX	d12 Tube vinyl	1	
10	GJT-307-00	Nipple	1	EX-B
-	GJT-440-00	Two-way coupling	1	EX-A
11	GB/T5783	M8×16 Bolt	6	
12	GB/T93	8 Washer,lock	6	
13	GJT-318-00	Four way connector	1	EX-B
-	GJT-443-00	Four way connector	1	EX-A
14	GJT-172-00	Nipple	1	EX-B
-	GJT-380-00	Nipple	1	EX-A
15	GJT-40-00	Flow regulator	1	
16	TGIBII-16035*J	16II×350 Hose H.P.	1	
17	TGLBII-19084-H55GS*J	19II×840 Hose H.P.	1	
18	GJT-319-00	Nipple	1	EX-B
-	GJT-441-00	Nipple	1	EX-A
19	TGIBII-16XXX*J	16II×XXX Hose H.P.	1	

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



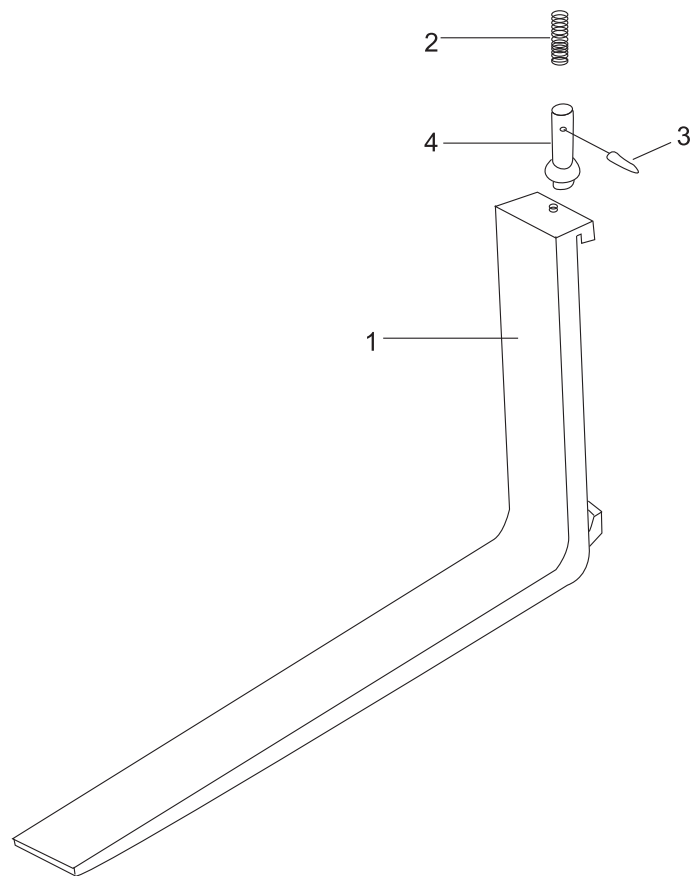
Hydraulic system mast(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
20	GB/T276	61904-2Z(37×20×8) Bushing	1	
21	GB/T5783	M12×70 Bolt	1	
22	GB/T93	12 Washer,lock	1	
23	GB/T894.1	20 Snap ring	1	
24	GB/T893.1	37 Snap ring	1	
25	S70B3-70002	Spindle head	1	
26	S70B3-70001	Pulley	1	
27	S70B3-70003	Plate	1	

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

(Mast Piping Optional Parts)			
Lifting Height	Part No	Hose(mm)	Remark
3600	TGIBII-16255*J	2550	
4000	TGIBII-16285*J	2850	
4350	TGIBII-16305*J	3050	
4500	TGIBII-16315*J	3150	
4800	TGIBII-16335*J	3350	
5000	TGIBII-16350*J	3500	
5500	TGIBII-16385*J	3850	
6000	TGIBII-16415*J	4150	

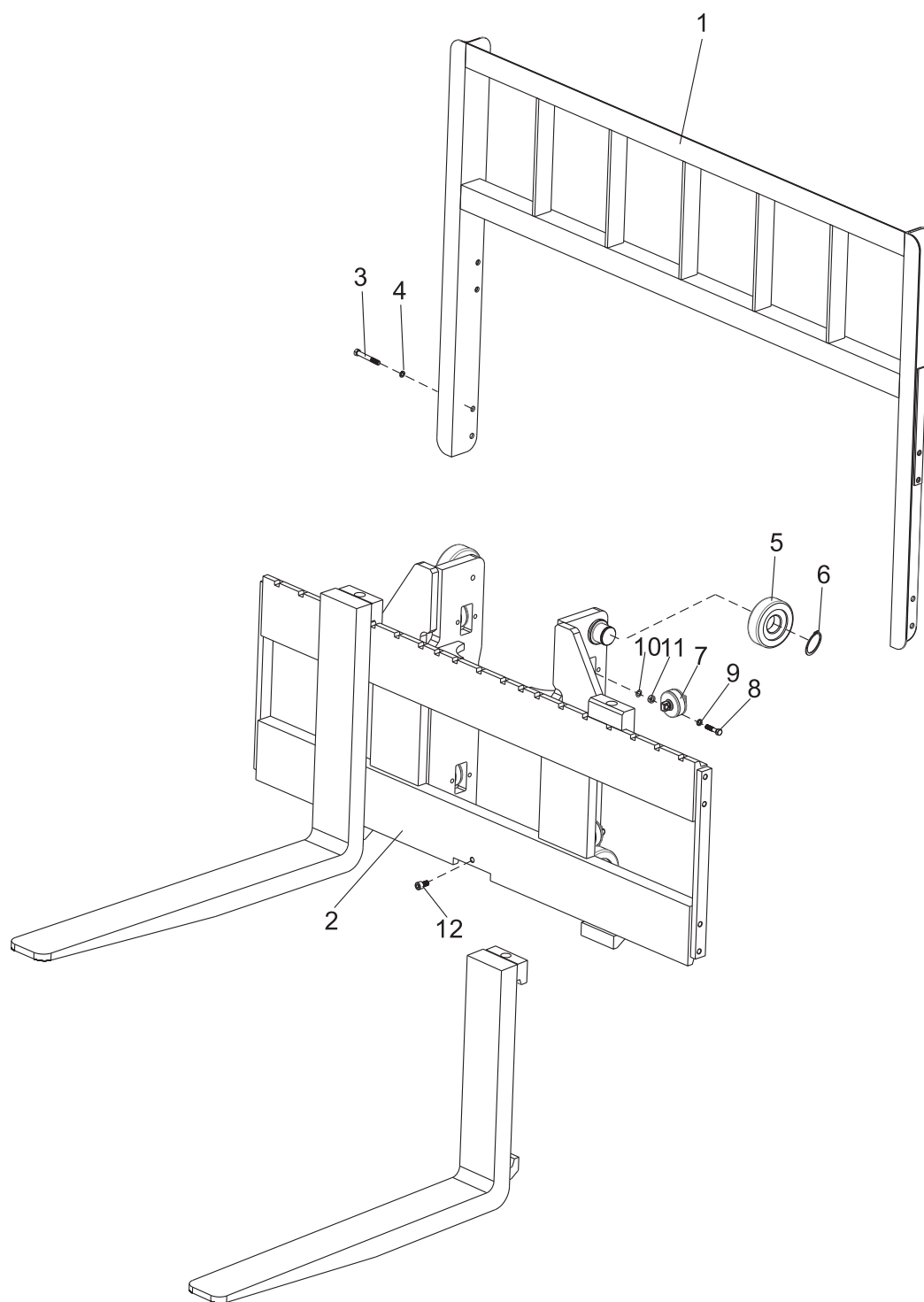
Fork



Fork

Item	Part No	Description	Q'ty	Remark
1	A50A3-90000	Lifting fork ass'y	2	5-6t
-	A70A3-90000	Lifting fork ass'y	2	7-8t
2	A50A3-90001	Spring	2	5-6t
-	A70A3-90001	Spring	2	7-8t
3	A50A3-90002	Pin	2	5-6t
-	A70A3-90002	Pin	2	7-8t
4	A50A3-90003	Pin, stopper	2	5-6t
-	A70A3-90003	Pin, stopper	2	7-8t

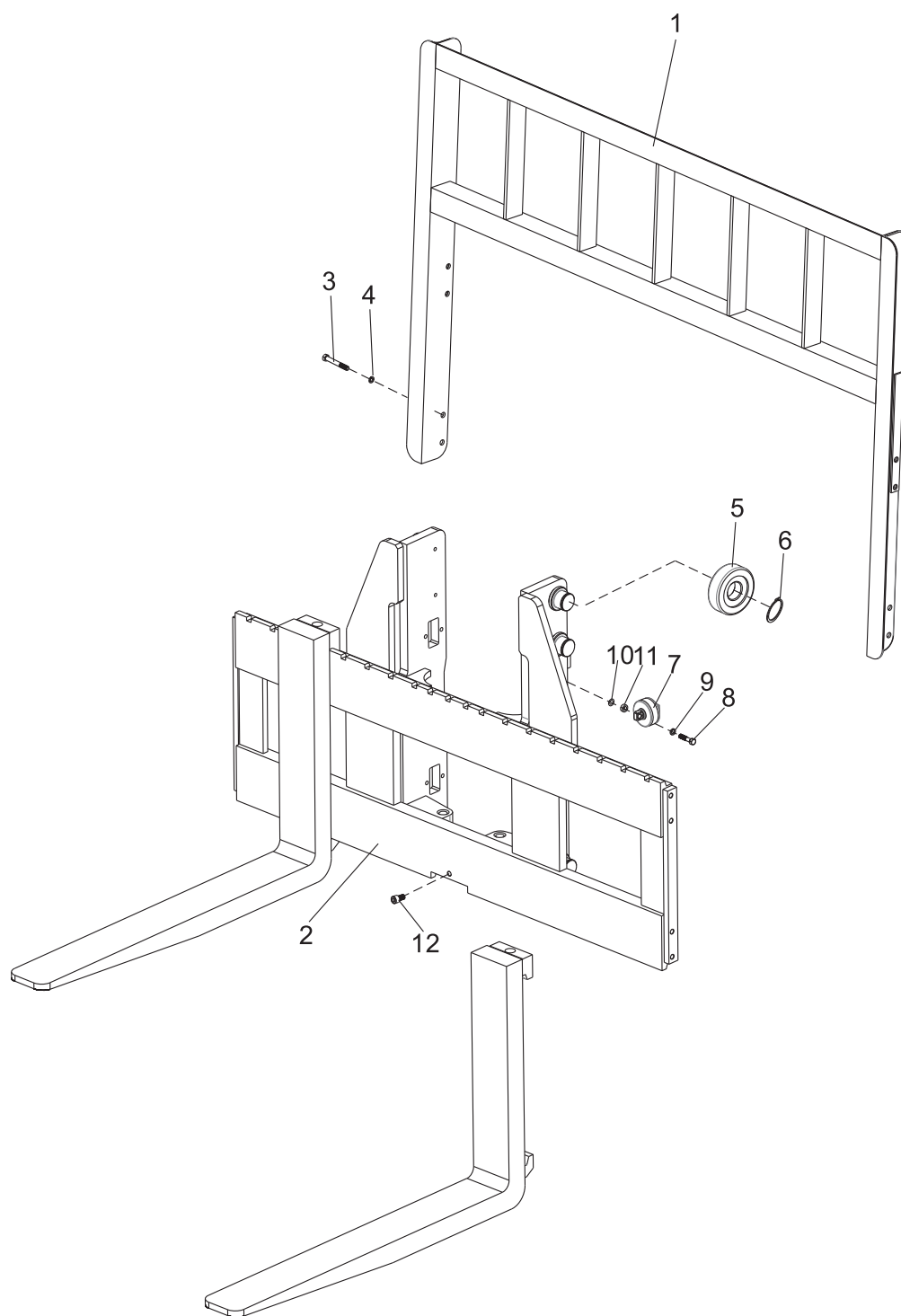
Lift Bracket(Normal mast KM)



Lift Bracket(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	M50A3-60000	Backrest ass'y	1	
2	M50B3-50000	Lift bracket ass'y	1	5-6t
-	M70B3-50000	Lift bracket ass'y	1	7-8t
3	GB/T5786	M14×1.5×30 Bolt	8	
4	GB/T93	14 Washer, lock	8	
5	M50B3-40200	End Roller	4	5-6t
-	M50A3-40200	End Roller	6	7-8t
6	GB/T894.1	55 Snap,ring	4	5-6t
-	GB/T894.1	55 Snap,ring	6	7-8t
7	M50A3-40300	Side Roller	4	
8	GB/T5783	M12×1.5×55 Bolt	8	
9	GB/T93	12 Washer, lock	8	
10	M50A3-40003	Washer	8	
11	M50A3-40004	Spacer	8	
12	GB/T70.1	M14×20 Screw	1	

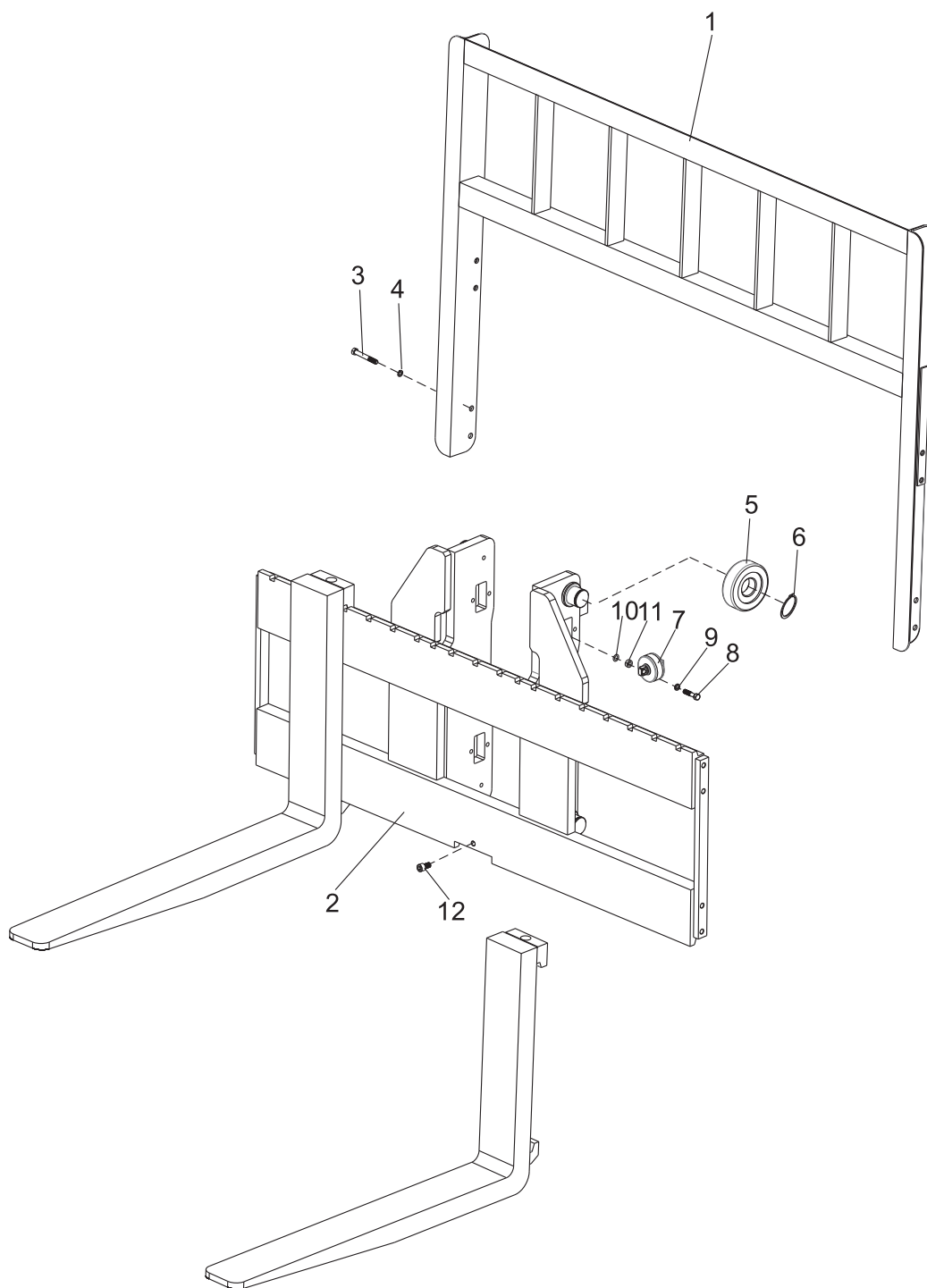
Lift Bracke(Full Free 2-Stage Mast KZM)



Lift Bracke(Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	M50A3-60000	Backrest ass'y	1	
2	Z70B3-50000	Lift bracket ass'y	1	
3	GB/T5786	M14×1.5×30 Bolt	8	
4	GB/T93	14 Washer, lock	8	
5	M50A3-40200	End Roller	6	
6	GB/T894.1	55 Snap,ring	6	
7	M50A3-40300	Side Roller	4	
8	GB/T5783	M12×1.5×55 Bolt	8	
9	GB/T93	12 Washer, lock	8	
10	M50A3-40003	Washer	8	
11	M50A3-40004	Spacer	8	
12	GB/T70.1	M14×20 Screw	1	

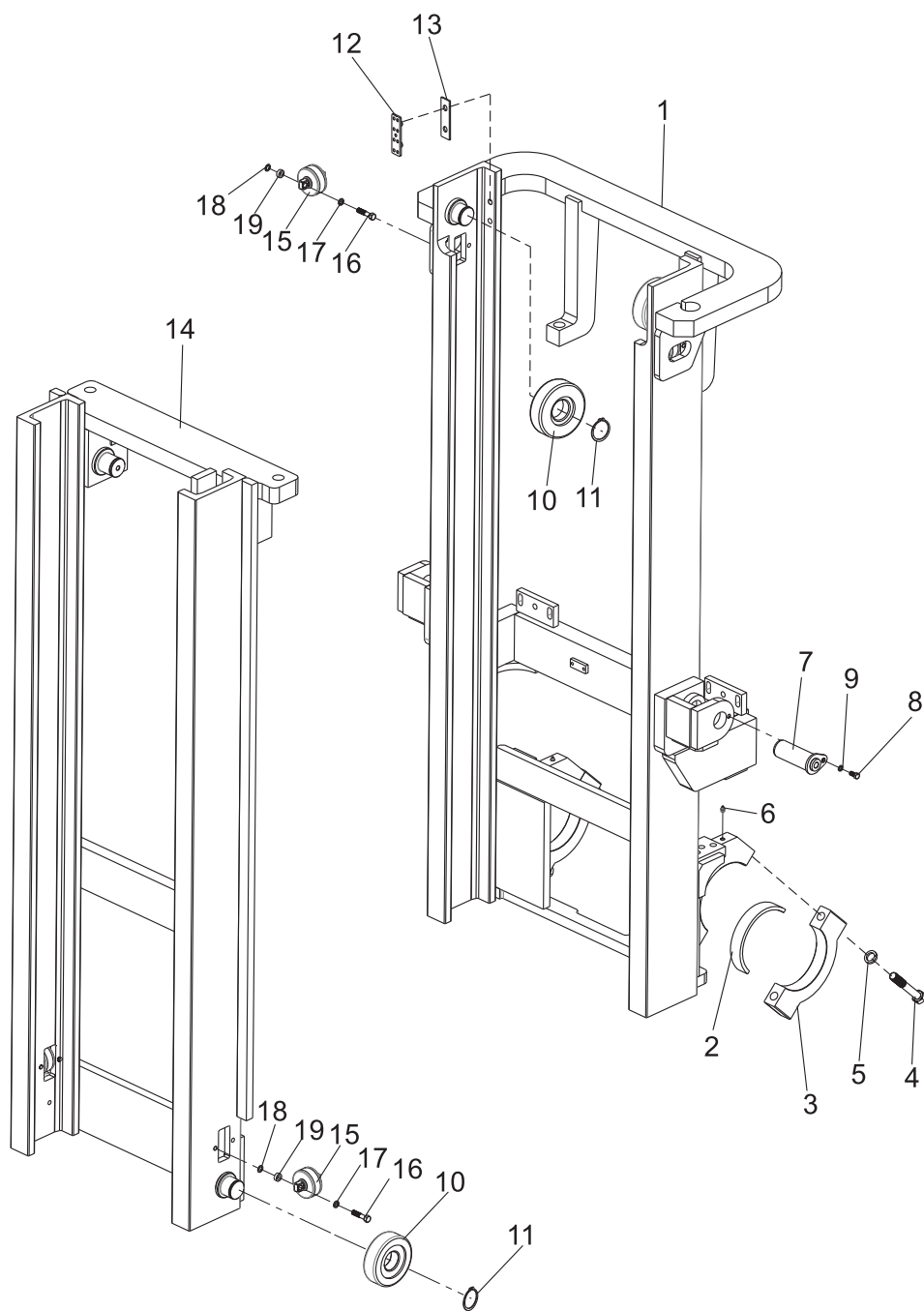
Lift Bracket(Full Free 3-Stage Mast KZM)



Lift Bracket(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	M50A3-60000	Backrest ass'y	1	
2	S50B3-50000	Lift bracket ass'y	1	5-6t
-	S70B3-50000	Lift bracket ass'y	1	7-8t
3	GB/T5786	M14×1.5×30 Bolt	8	
4	GB/T93	14 Washer, lock	8	
5	M50B3-40200	End Roller	4	5-6t
-	M50A3-40200	End Roller	6	7-8t
6	GB/T894.1	55 Snap,ring	4	5-6t
-	GB/T894.1	55 Snap,ring	6	7-8t
7	M50A3-40300	Side Roller	4	
8	GB/T5783	M12×1.5×55 Bolt	8	
9	GB/T93	12 Washer, lock	8	
10	M50A3-40003	Washer	8	
11	M50A3-40004	Spacer	8	
12	GB/T70.1	M14×20 Screw	1	

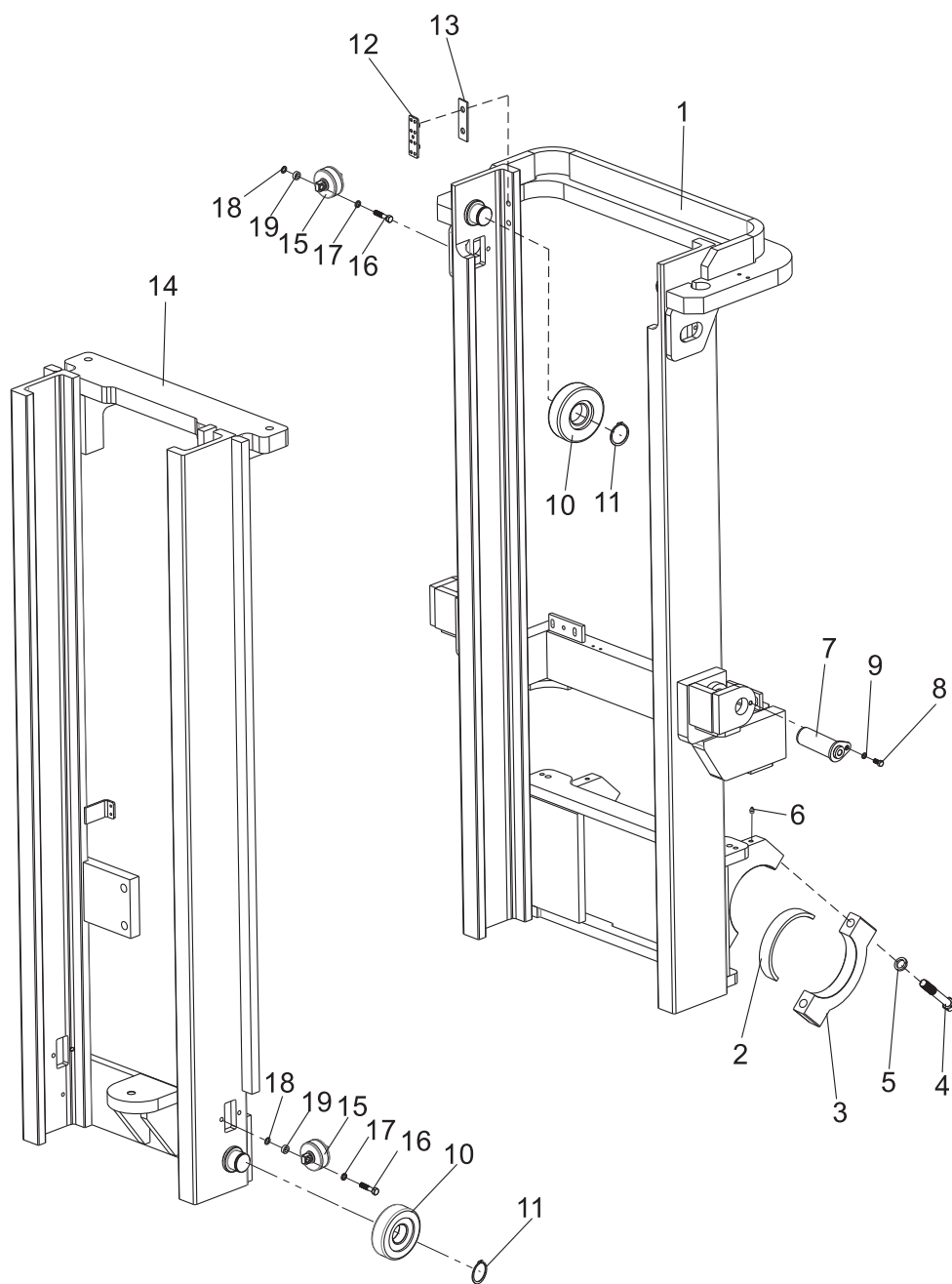
Mast(Normal mast KM)



Mast(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	M50B3-10000	Outer master	1	5-6t
-	M70B3-10000	Outer master	1	7-8t
2	M50A3-00002	Bushing	2	
3	M50A3-00001	Cap	2	
4	GB/T5782	M22×1.5×140 Bolt	4	
5	GB/T93	22 Washer,lock	4	
6	JB/T7940.1	M10×1 Fitting	2	
7	M50A3-00100	Pin axle ass'y	2	
8	GB/T5786	M10×1.25×20 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	M50B3-40200	End Roller	4	5-6t
-	M50A3-40200	End Roller	4	7-8t
11	GB/T894.1	55 Snap ring	4	
12	M50A3-40005	Slipper	2	
13	M50A3-40006	I Shim	6	
14	M50B3-30000	Inner master	1	5-6t
-	M70B3-30000	Inner master	1	7-8t
15	M50A3-40300	Side roller	4	
16	GB/T5783	M12×1.25×55 Bolt	8	
17	GB/T93	12 Washer,lock	8	
18	M50A3-40003	Washer	8	
19	M50A3-40004	Spacer	8	

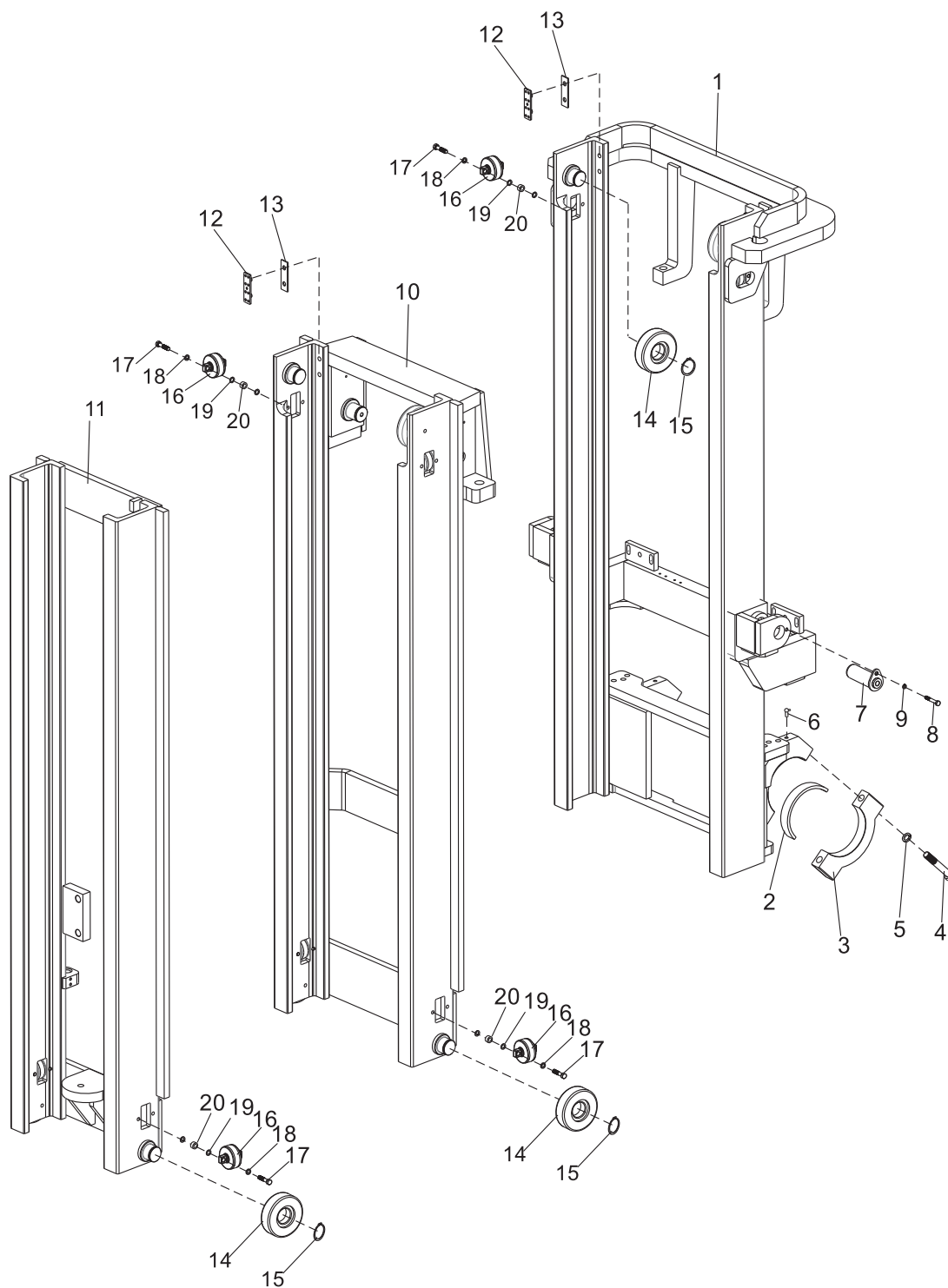
Mast(Full Free 2-Stage Mast KZM)



Mast(Full Free 2-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	Z70B3-10000	Outer master	1	
2	M50A3-00002	Bushing	2	
3	M50A3-00001	Cap	2	
4	GB/T5782	M22×1.5×140 Bolt	4	
5	GB/T93	22 Washer,lock	4	
6	JB/T7940.1	M10×1 Fitting	2	
7	M50A3-00100	Pin axle ass'y	2	
8	GB/T5786	M10×1.25×20 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	M50A3-40200	End Roller	4	
11	GB/T894.1	55 Snap ring	4	
12	M50A3-40005	Slipper	2	
13	M50A3-40006	I Shim	6	
14	Z70B3-30000	Inner master	1	
15	M50A3-40300	Side roller	4	
16	GB/T5783	M12×1.25×55 Bolt	8	
17	GB/T93	12 Washer,lock	8	
18	M50A3-40003	Washer	8	
19	M50A3-40004	Spacer	8	

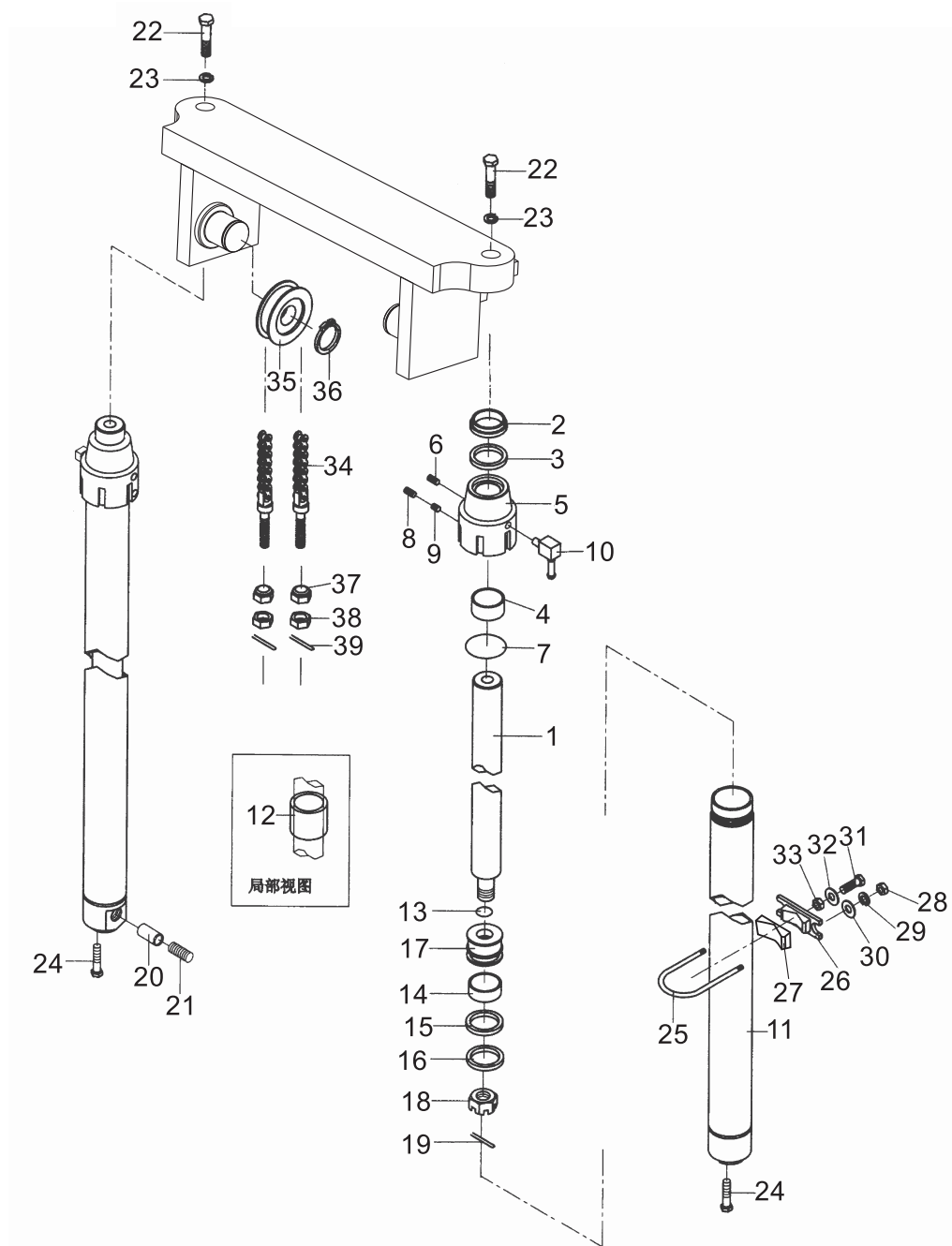
Mast(Full Free 3-Stage Mast KZM)



Mast(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	S50B3-10000	Outer master	1	5-6t
-	S70B3-10000	Outer master	1	7-8t
2	M50A3-00002	Bushing	2	
3	M50A3-00001	Cap	2	
4	GB/T5782	M22×1.5×140 Bolt	4	
5	GB/T93	22 Washer,lock	4	
6	JB/T7940.1	M10×1 Fitting	2	
7	M50A3-00100	Pin axle ass'y	2	
8	GB/T5786	M10×1.25×20 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	S50B3-20000	Medium master	1	5-6t
-	S70B3-20000	Medium master	1	7-8t
11	S50B3-30000	Inner master	1	5-6t
-	S50B3-30000	Inner master	1	7-8t
12	M50A3-40005	Slipper	4	
13	M50A3-40006	I Shim	12	
14	M50B3-40200	End Roller	8	5-6t
-	M50A3-40200	End Roller	8	7-8t
15	GB/T894.1	55 Snap ring	8	
16	M50A3-40300	Side roller	8	
17	GB/T5783	M12×1.25×50 Bolt	16	
18	GB/T93	12 Washer,lock	16	
19	M50A3-40003	Shim	32	
20	M50A3-40004	Spacer	16	

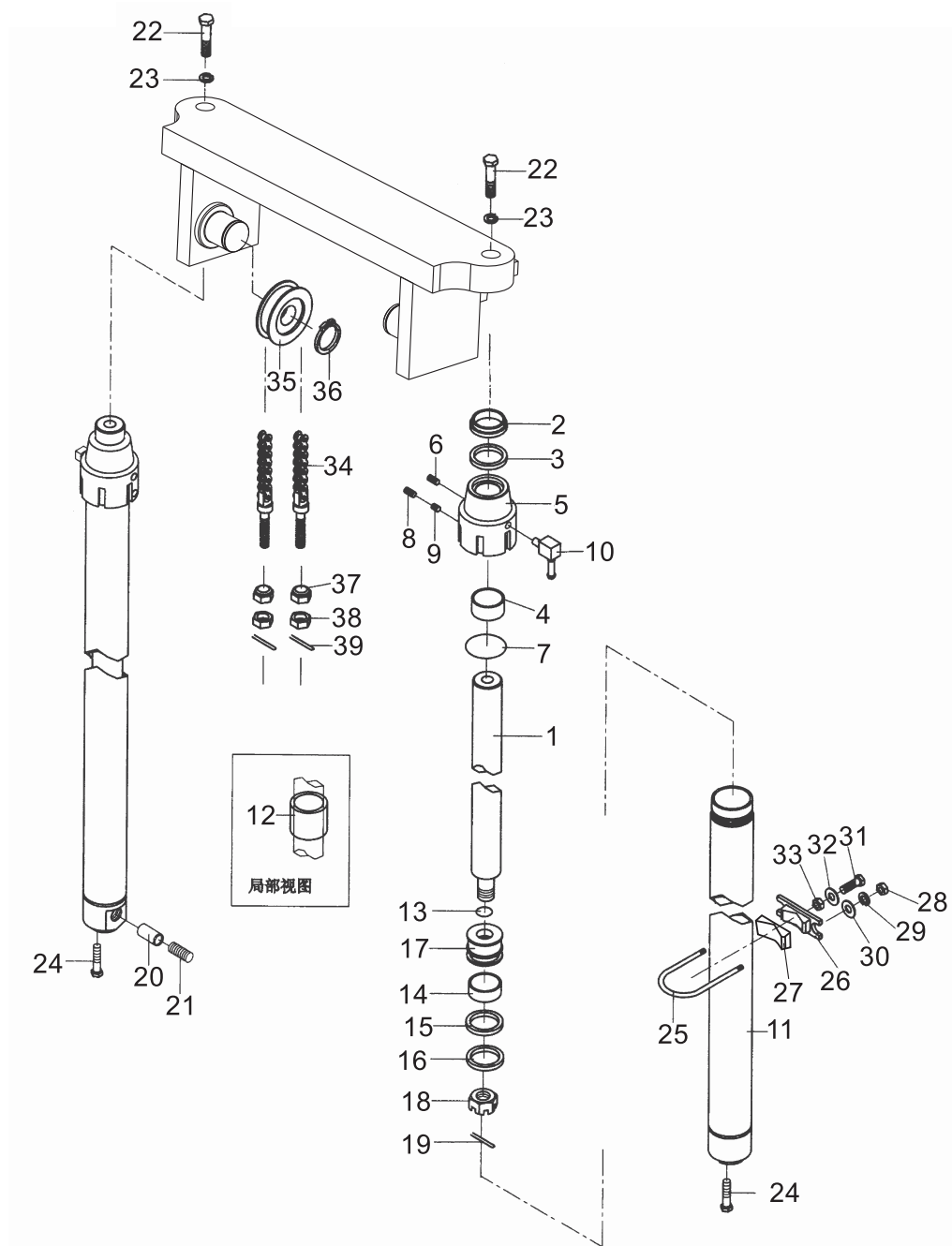
Lift cylinder(Normal mast KM)



Lift cylinder(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
A	A50A4-10100	Lift cylinder ass'y	2	
1	A50A4-10101	Rod	2	
2	A50A4-10102	Seal,dust	2	
3	A50A4-10103	U-ring	2	
4	A50A4-10104	(6035) Bushing	2	
5	A50A4-10105	Cap	2	
6	A50A4-10106	ZG3/8" Plug	2	
7	GB/T3452.1	O 92.5×55 O-ring	2	
8	A50A4-10107	Plug	2	
9	GB/T80	M6×8 Screw	4	
10	A50A4-10108	Elbow	2	
11	A50A4-10109	Cylinder	2	
12	A50A4-10110	Spacer		
13	A50A4-10111	Ring	2	
14	A50A4-10112	Wearing	2	
15	A50A4-10113	Snap ring	2	
16	A50A4-10114	U-ring	2	
17	A50A4-10115	Piston	2	
18	A50A4-10116	Nut	2	
19	GB/T91	6.3×60 Pin	2	
20	A50A4-10117	Piston	2	
21	A50A4-10118	Spring	2	
22	GB/T5786	M30×2×70 Bolt	2	
23	GB/T93	30 Washer,lock	2	
24	GB/T5786	M16×1.5×50 Bolt	4	

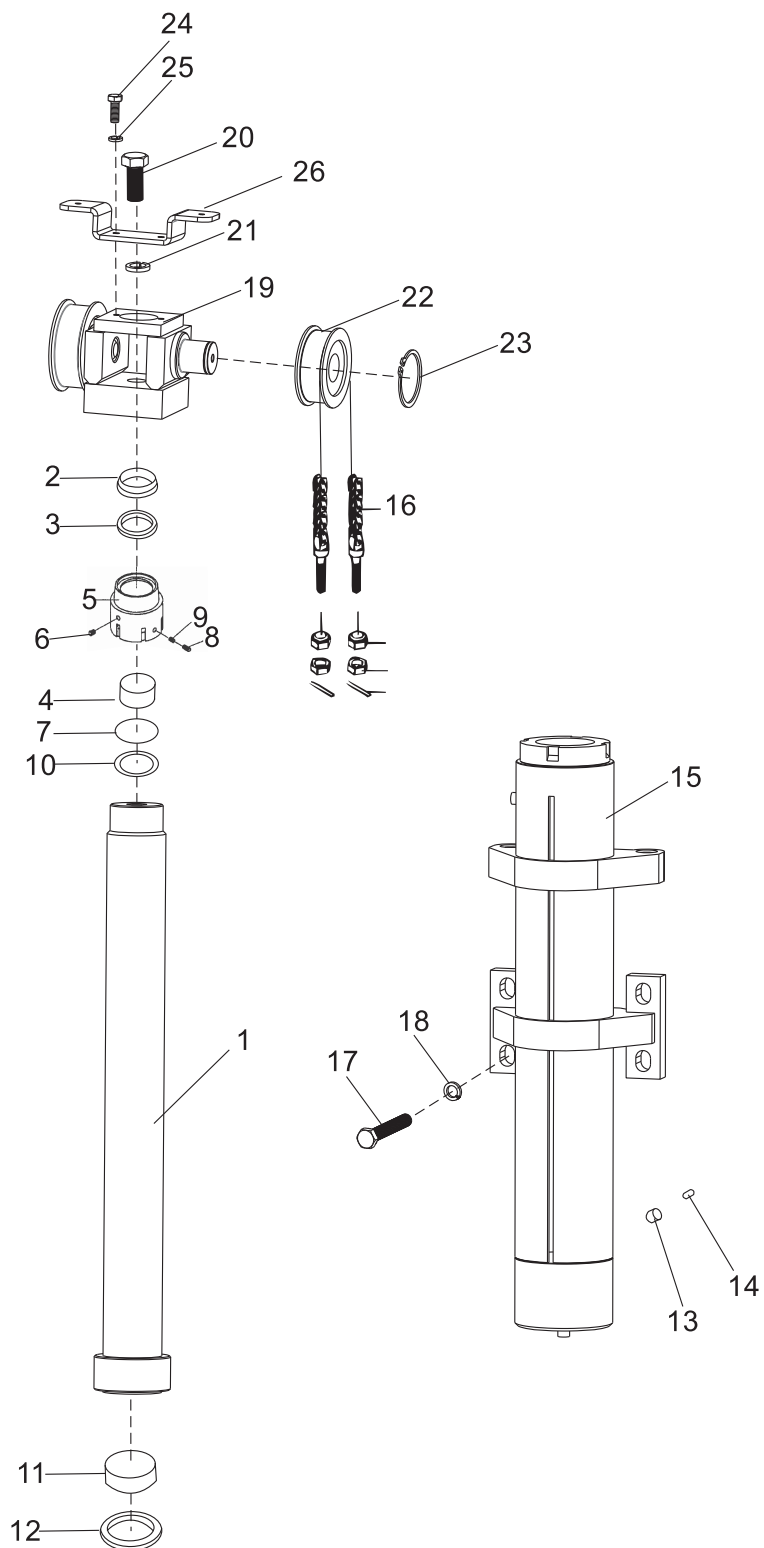
Lift cylinder(Normal mast KM)



Lift cylinder(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
25	M50A3-80004	U-bolt	2	
26	M50A3-80003	Support	2	
27	M50A3-80002	Rubber	2	
28	GB/T6171	M12×1.25 Nut	4	
29	GB/T93	12 Washer,lock	4	
30	GB/T97.1	12 Washer	4	
31	GB/T5786	M16×1.25×65 Bolt	2	
32	GB/T97.1	16 Washer	2	
33	GB/T6171	M16×1.5 Nut	2	
34	LH2044×N	Chain	2	
35	M50A3-80100	Sheave	2	
36	GB/T894.1	55 Snap ring	2	
37	GB/T6171	M24×2 Nut	2	
38	A50A4-10119	Nut	4	
39	GB/T91	3.2×40 Pin	4	

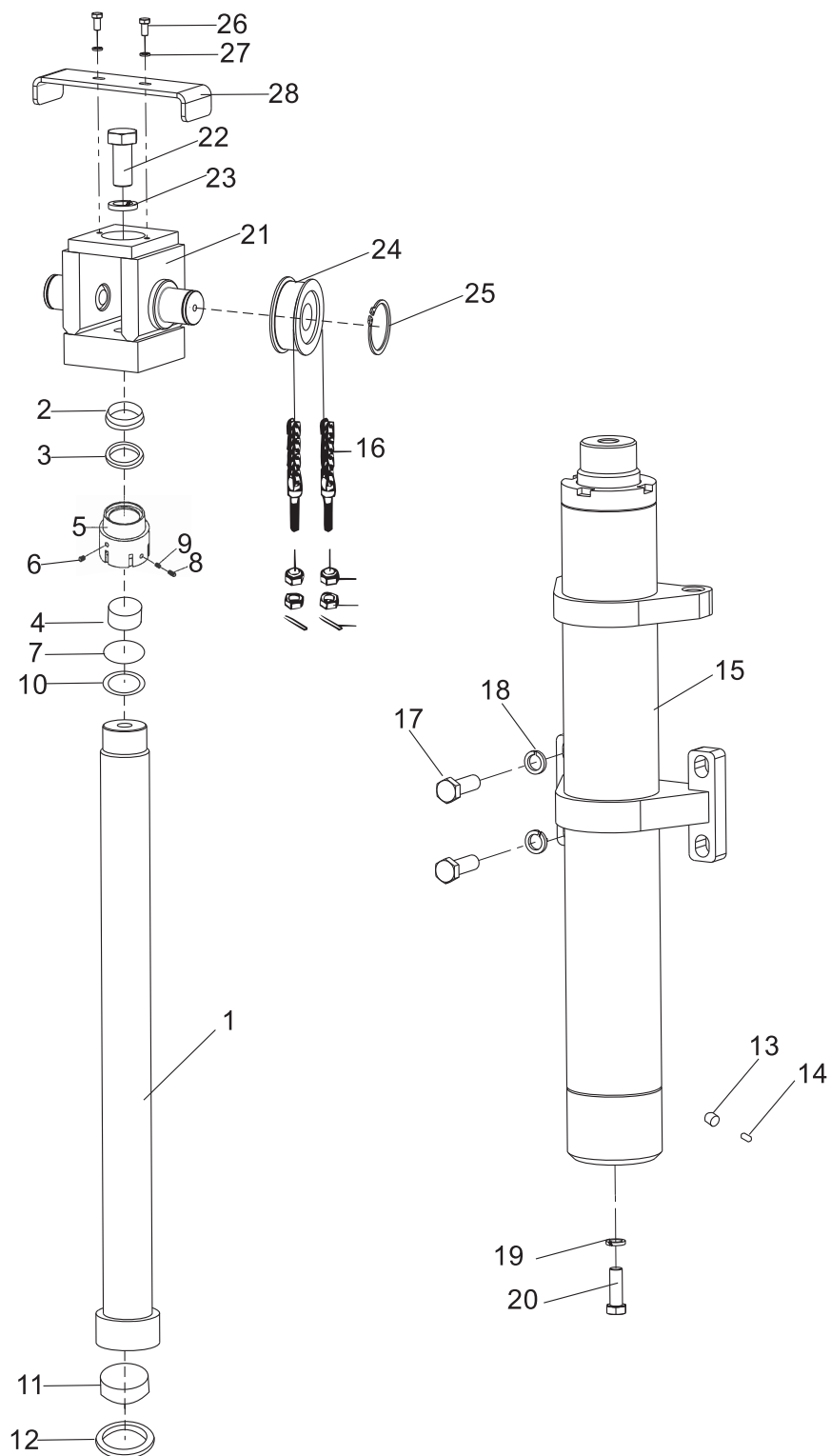
Front Lift cylinder(Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A50B4-10300	Front lift cylinder ass'y	1	
1	A50B4-10301	Rod	1	
2	A50A4-10302	Seal,dust	1	
3	A50A4-10303	100×115×9 Ring	1	
4	A50A4-10304	Bushing	1	
5	A50A4-10305	Cap	1	
6	A50A4-10306	ZG3/8" Plug	1	
7	GB/T3452.1	130×3.1 O-ring	1	
8	A50A4-10307	Plug	1	
9	GB/T80	M6×8 Screw	2	
10	A50A4-10308	115×130×3 Ring	1	
11	A50A4-10309	130×30×3 Wearing	1	
12	A50A4-10310	130×115×9 Ring	1	
13	A50A4-10311	Piston	1	
14	A50A4-10312	Spring	1	
15	A50B4-10302	Cylinder	1	
16	LH2044×N	Chain	2	
17	GB/T5786	M24×2×65 Bolt	4	
18	GB/T93	24 Washer,lock	4	
19	Z70B3-80100	Sprocket seat ass'y	1	
20	GB/T5786	M30×2×80 Bolt	1	
21	GB/T93	30 Washer,lock	1	
22	M50A3-80100	Sheave	2	
23	GB/T894.1	55 Snap ring	2	
24	GB/T5783	M10×20 Bolt	2	
25	GB/T93	10 Washer,lock	2	
26	Z70B3-80001	Chain baffle	1	

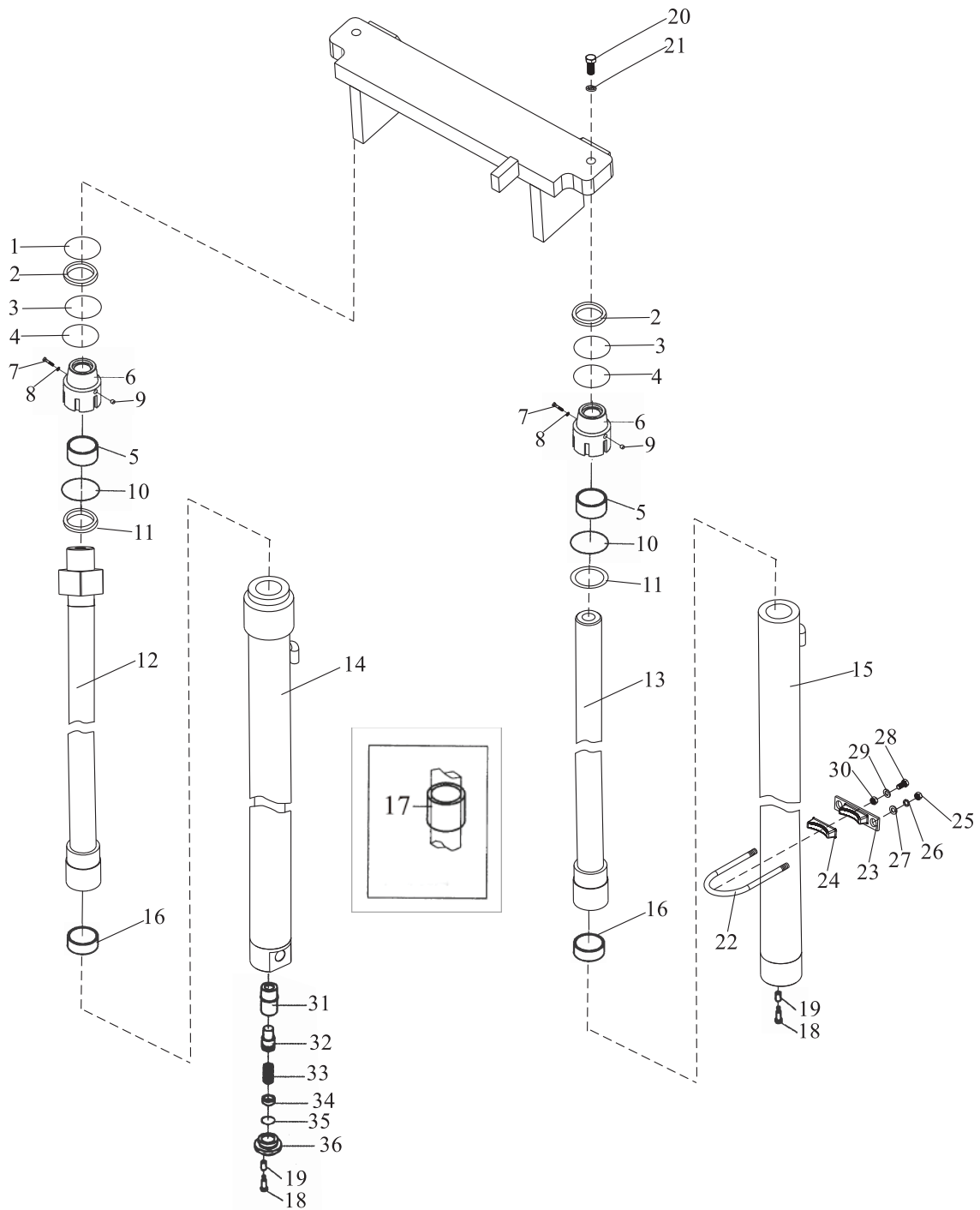
Front Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A50B4-10500	Front lift cylinder ass'y	1	
1	A50B4-10501	Rod	1	
2	A50A4-10302	Seal,dust	1	
3	A50A4-10303	100×115×9 Ring	1	
4	A50A4-10304	Bushing	1	
5	A50A4-10305	Cap	1	
6	A50A4-10306	ZG3/8" Plug	1	
7	GB/T3452.1	130×3.1 O-ring	1	
8	A50A4-10307	Plug	1	
9	GB/T80	M6×8 Screw	2	
10	A50A4-10308	115×130×3 Ring	1	
11	A50A4-10309	130×30×3 Wearing	1	
12	A50A4-10310	130×115×9 Ring	1	
13	A50A4-10311	Piston	1	
14	A50A4-10312	Spring	1	
15	A50B4-10502	Cylinder	1	
16	LH2044×N	Chain	2	
17	GB/T5786	M24×2×70 Bolt	4	
18	GB/T93	24 Washer,lock	4	
19	GB/T5786	M20×1.5×55 Bolt	1	
20	GB/T93	20 Washer,lock	1	
21	S70B3-80100	Sprocket seat ass'y	1	
22	GB/T5786	M30×2×60 Bolt	1	
23	GB/T93	30 Washer,lock	1	
24	M50A3-80100	Sheave	2	
25	GB/T894.1	55 Snap ring	2	
26	GB/T5783	M10×20 Bolt	2	
27	GB/T93	10 Washer,lock	2	
28	S70B3-80002	Chain baffle	1	

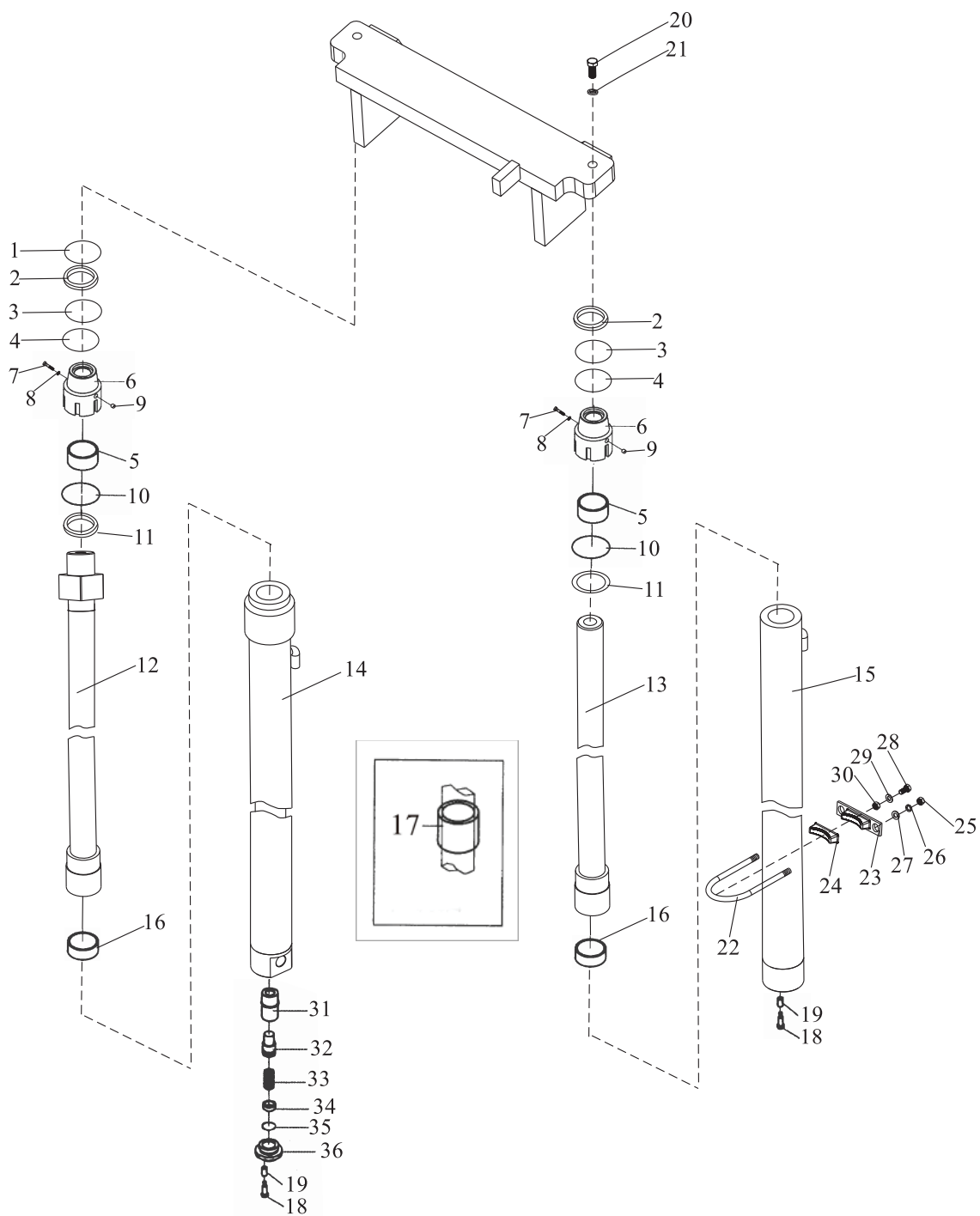
Rear Lift Cylinder (Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A50B4-10400	Rear lift cylinder ass'y	2	
1	GB/T1235	45×3.1 O-ring	1	
2	A50A4-10401	Dust ring	2	
3	A50A4-10402	60×70×3 Ring, back up	2	
4	A50A4-10403	60×70×6 Ring	2	
5	A50A4-10404	65×60×35 Guide bushing	2	
6	A50A4-10405	Cap, lift cylinder	2	
7	GB/T70	M8×20 Screw	4	
8	JB/T982	8 Gasket	2	
9	A50A4-10406	M8 Plug	2	
10	GB/T1235	80×3.1 O-ring	2	
11	A50A4-10407	75.2×80×1.5 Ring, back up	2	
12	A50B4-10403	Piston rod R.H.	1	
13	A50B4-10404	Piston rod L.H.	1	
14	A50B4-10401	Cylinder R.H.	1	
15	A50B4-10402	Cylinder L.H.	1	
16	A50A4-10410	80×25×2.5 Backup ring	2	
17	A50A4-10413	Spacer		
18	GB/T5786	M12×1.25×35 Bolt	2	
19	GB/T93	12 Washer,lock	2	
20	GB/T5786	M20×1.5×60 Bolt	2	
21	GB/T93	20 Washer,lock	2	
22	M35A3-80001	U-bolt	2	
23	M30A3-80003	Support	2	
24	M30A3-80002	Rubber	2	
25	GB/T6171	M10×1.25 Nut	4	

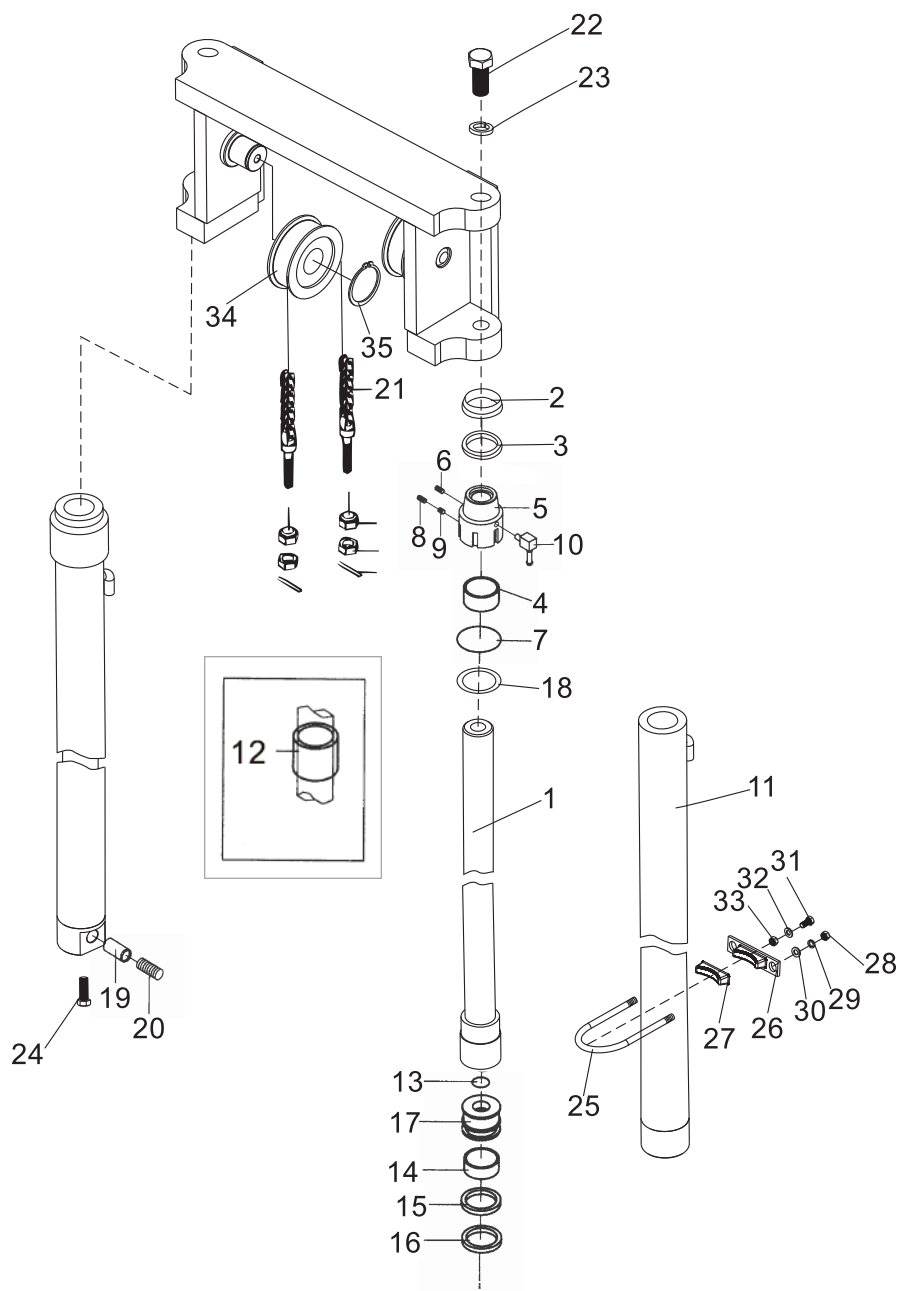
Rear Lift Cylinder (Full Free 2-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
26	GB/T93	10 Washer,lock	4	
27	GB/T97.1	10 Washer	4	
28	GB/T5786	M12×1.25×35 Bolt	2	
29	GB/T97.1	12 Washer	2	
30	GB/T6171	M12×1.25 Nut	2	
31	A50A4-10414	Sleeve	1	
32	A50A4-10415	Spool	1	
33	A50A4-10416	Spring	1	
34	A50A4-10417	Seat	1	
35	GB/T3452.1	30×2.65 O-ring	1	
36	A50B4-10405	Seat, valve	1	

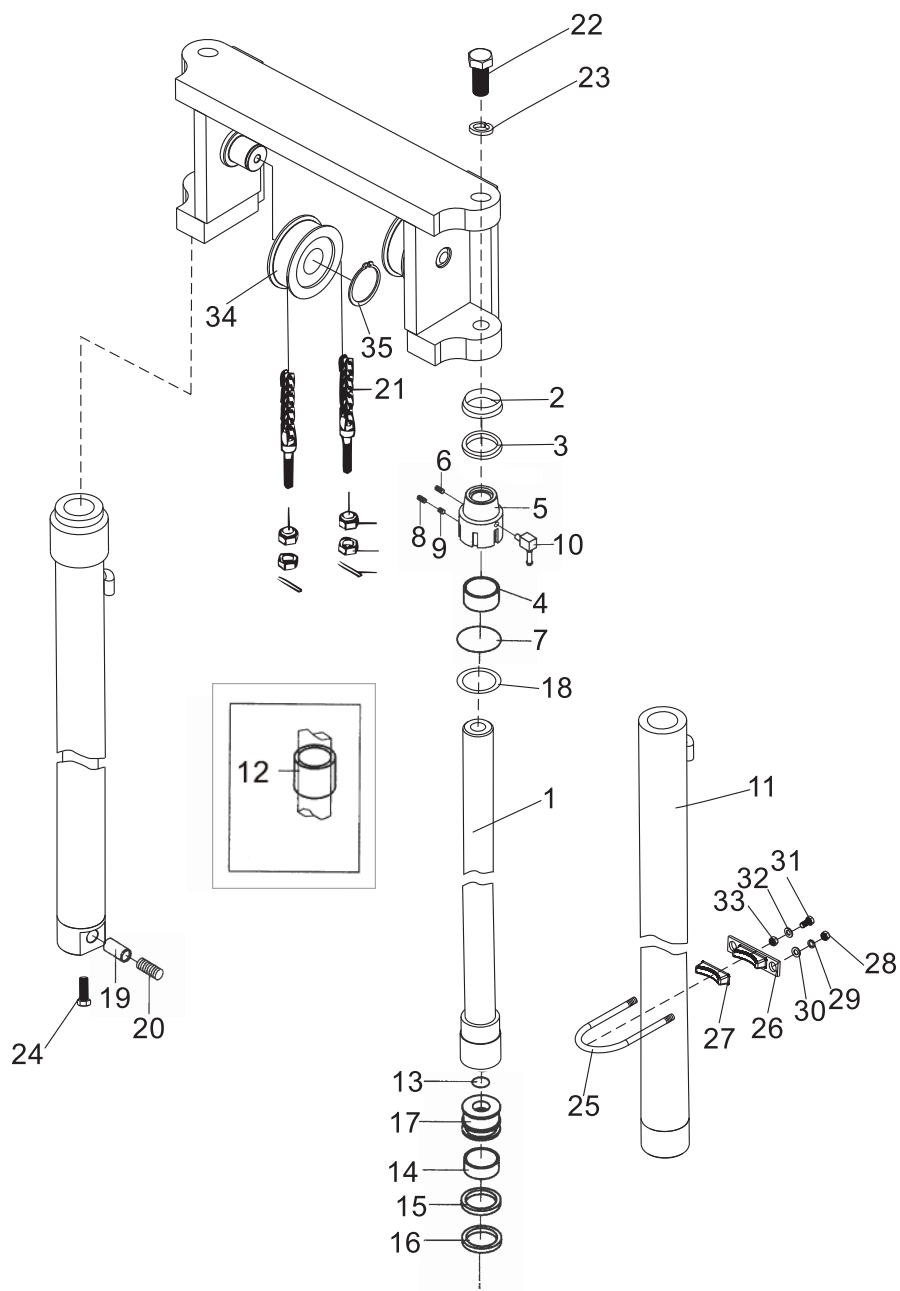
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A50B4-10600	Rear lift cylinder ass'y	2	
1	A50B4-10601	Rod	2	
2	A50A4-10602	Seal,dust	2	
3	A50A4-10603	60×70×6 Ring	2	
4	A50A4-10604	(6045) Bushing	2	
5	A50A4-10605	Cap	2	
6	A50A4-10606	ZG3/8" Plug	2	
7	GB/T3452.1	106×3.55 O-ring	2	
8	A50A4-10607	Plug	2	
9	GB/T80	M6×8 Screw	4	
10	A50A4-10608	Elbow	2	
11	A50B4-10602	Cylinder	2	
12	A50A4-10610	Spacer		
13	A50A4-10611	Ring	2	
14	A50A4-10612	80×25×2.5 Wearing	2	
15	A50A4-10613	70×80×3 Ring	2	
16	A50A4-10614	80×70×6 Ring	2	
17	A50A4-10615	Piston	2	
18	A50A4-10616	60×70×3 Ring	2	
19	A50A4-10617	Rotary	2	
20	A50A4-10618	Spring	2	
21	LH2044×N	Chain	2	
22	GB/T5786	M30×2×70 Bolt	2	
23	GB/T93	30 Washer,lock	2	
24	GB/T5786	M16×1.5×50 Bolt	2	

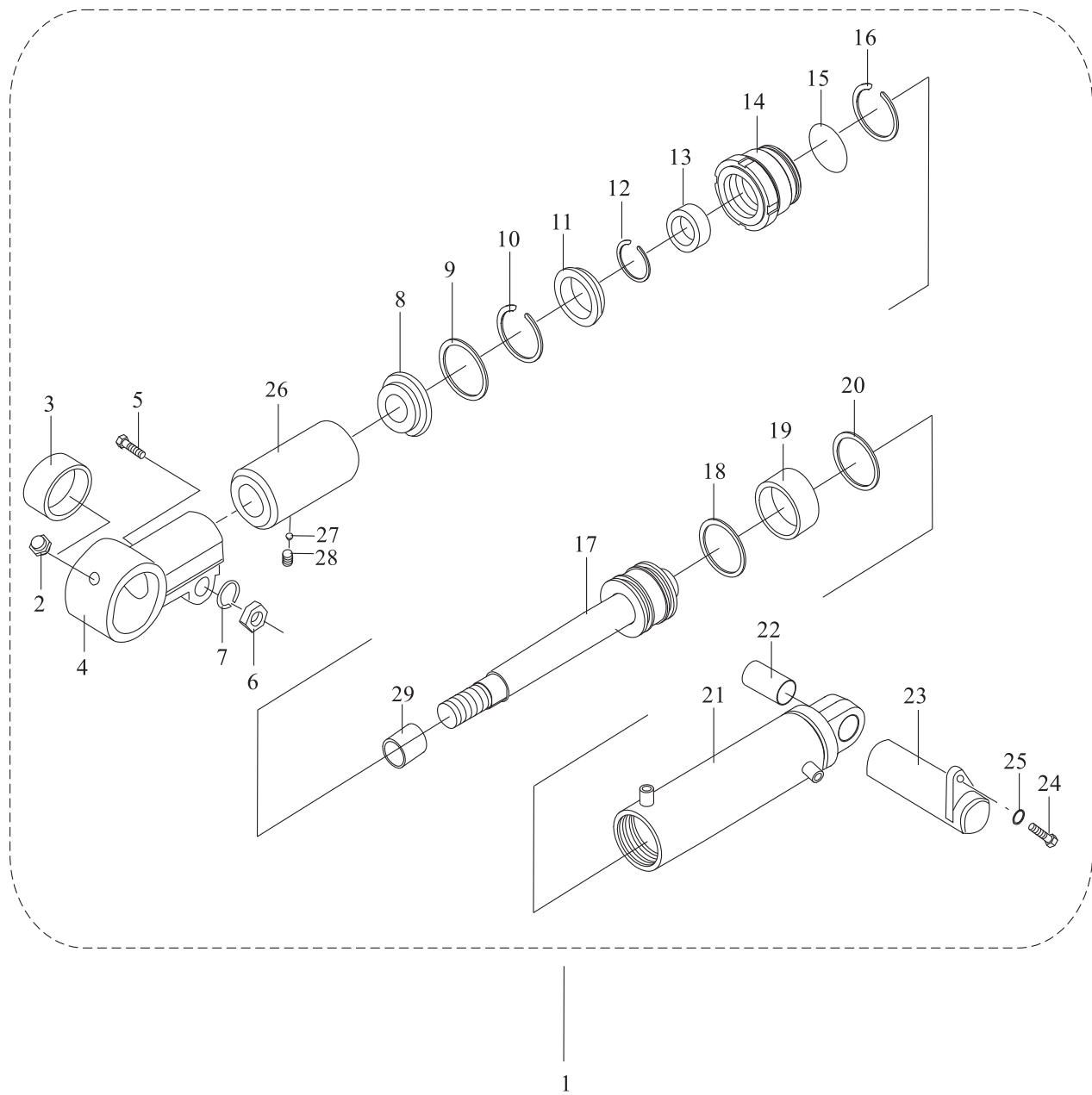
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
25	M50A3-80004	U-bolt	2	
26	M50A3-80003	Support	2	
27	M50A3-80002	Rubber	2	
28	GB/T6171	M12×1.25 Nut	4	
29	GB/T93	12 Washer,lock	4	
30	GB/T97.1	12 Washer	4	
31	GB/T5786	M16×1.5×70 Bolt	2	
32	GB/T97.1	16 Washer	2	
33	GB/T6171	M16×1.5 Nut	2	
34	M50A3-80100	Sheave	2	
35	GB/T894.1	55 Snap ring	2	

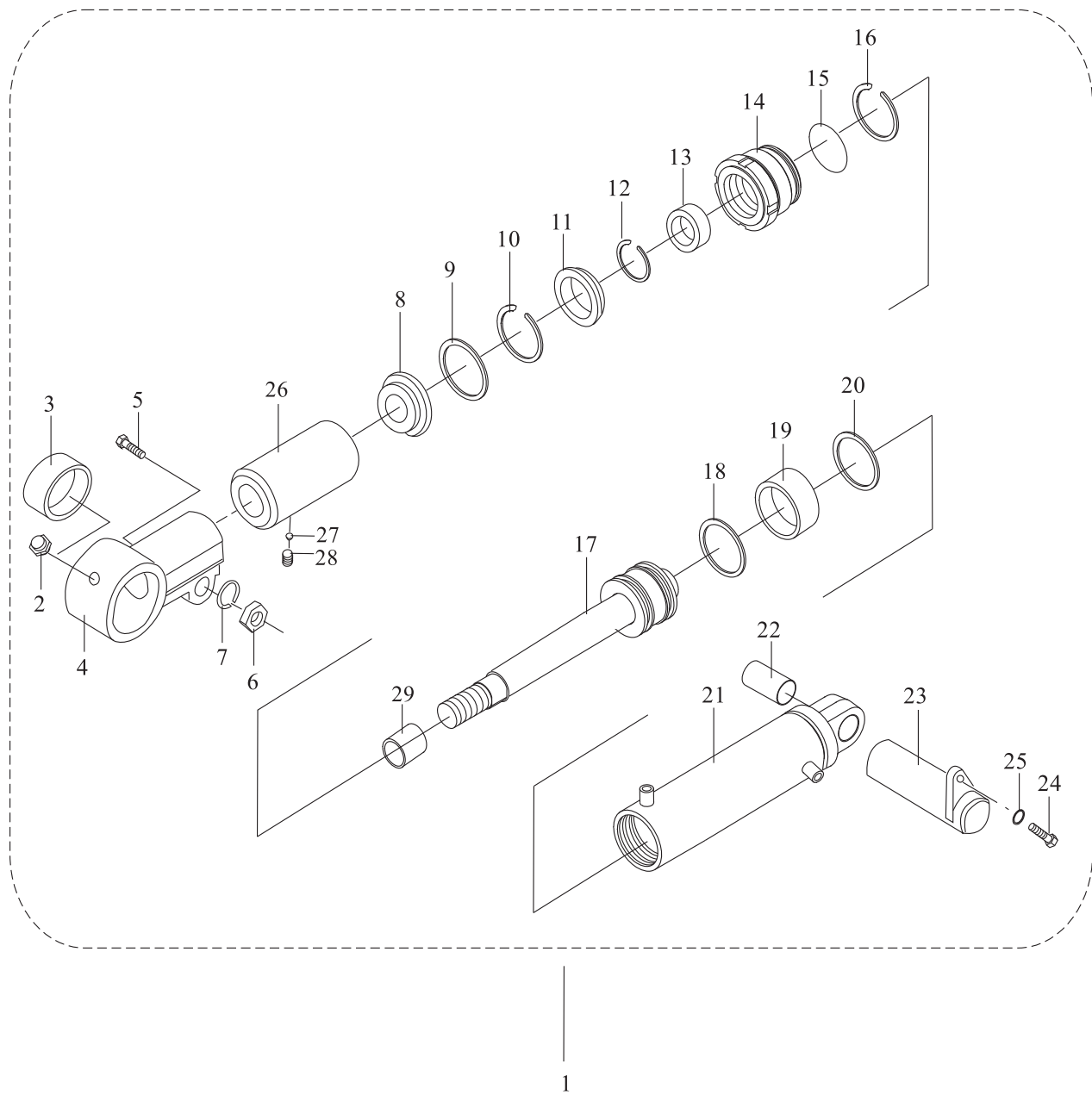
Tilt cylinder



Tilt cylinder

Item	Part No	Description	Q'ty	Remark
1	A50A3-10200	Tilt cylinder assy	2	
2	A50A3-10201	Z1/8 " Nipple grease	2	
3	A50A3-10202	5060 Bushing	2	
4	A50A3-10203	Ear ring	2	
5	GB/T5782	M16×70 Bolt	2	
6	GB/T6710	M16 Nut	2	
7	GB/T93	16 Washer,lock	2	
8	A50A3-10204	72 Seal,dust	2	
9	GB/T893.1	72 Ring,snap	2	
10	A50A3-10205	Ring,snap	2	
11	A50A3-10206	50 U-ring	2	
12	A50A3-10207	Ring,snap	2	
13	A50A3-10208	5030 Bushing	2	
14	A50A3-10209	Guide,sleeve	2	
15	GB/T1235	O-ring	2	
16	A50A3-10210	Ring,snap	2	
17	A50A3-10211	piston body	2	
18	A50A3-10212	Yx ring	4	
19	A50A3-10213	Wearing	2	
20	A50A3-10214	Ring,snap	2	
21	A50A3-10215	Tube,cylinder	2	
22	A50A3-10216	5058 Bushing	2	
23	M50A3-00100	Pin axle ass'y	2	

Tilt cylinder

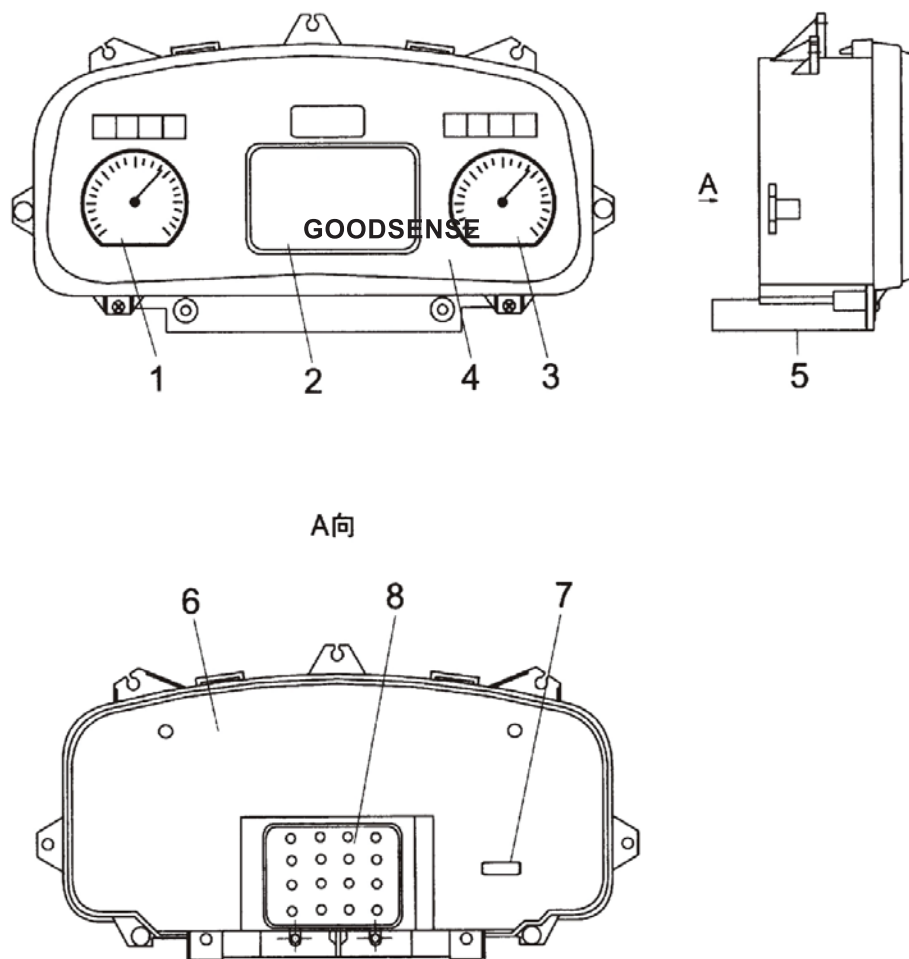


Tilt cylinder

Item	Part No	Description	Q'ty	Remark
24	GB/T5786	M10×1.5×20 Bolt	2	
25	GB/T93	10 Washer,lock	2	
26	A50A3-10217	Spacer	2	
27	A50A3-10218	Plug	2	
28	GB/T73	M10×12 Screw	2	
29	A50A3-10219	Bushing	2	

ELECTRIC SYSTEM

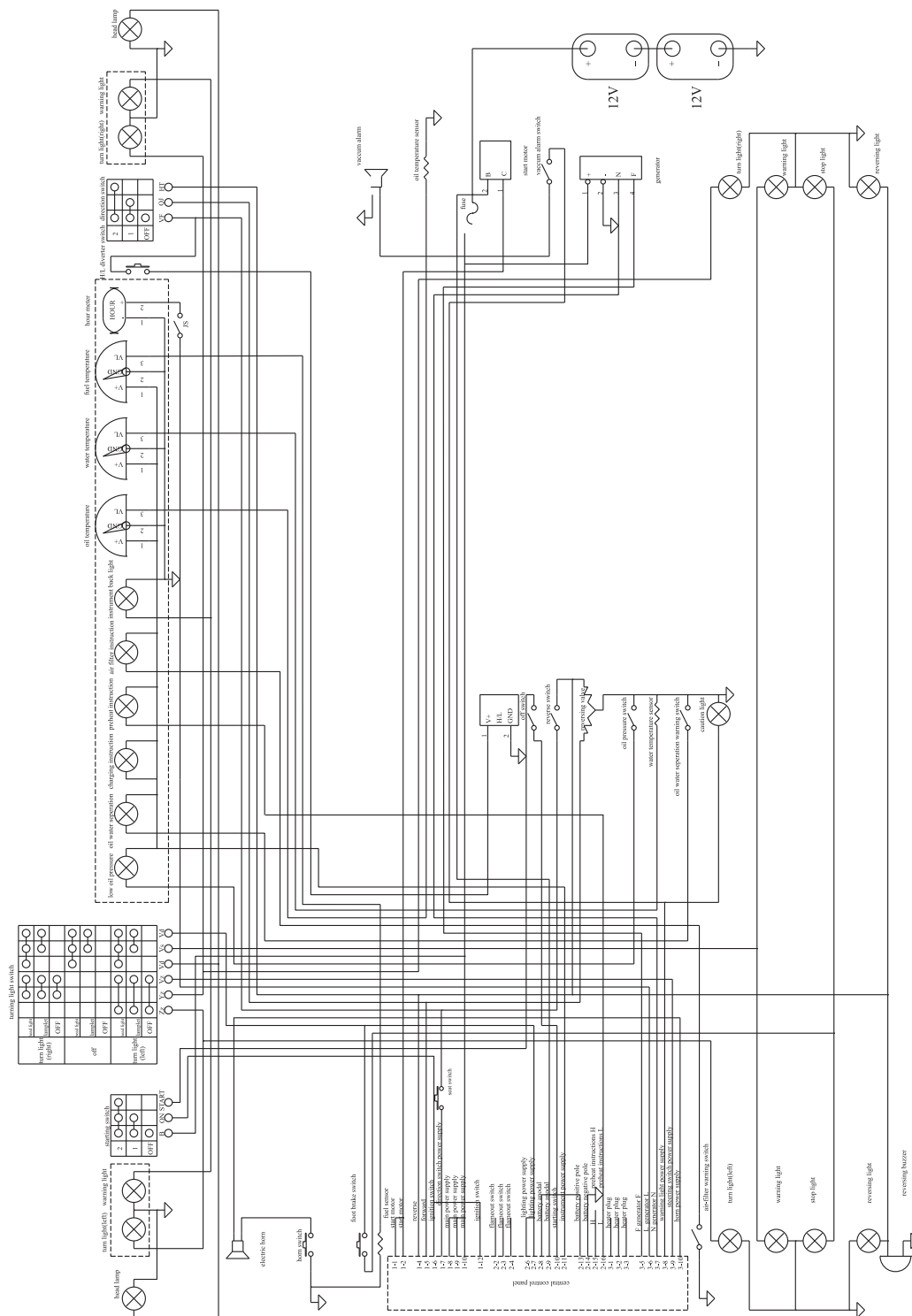
Instrument assembly(Hydraulic transmission)



ZB908

1	Temperature
2	Circuit board & meter core
3	Fuel meter
4	Cover
5	Shunk
6	Rrar cover
7	Type sign
8	16-wire socket

Electric system

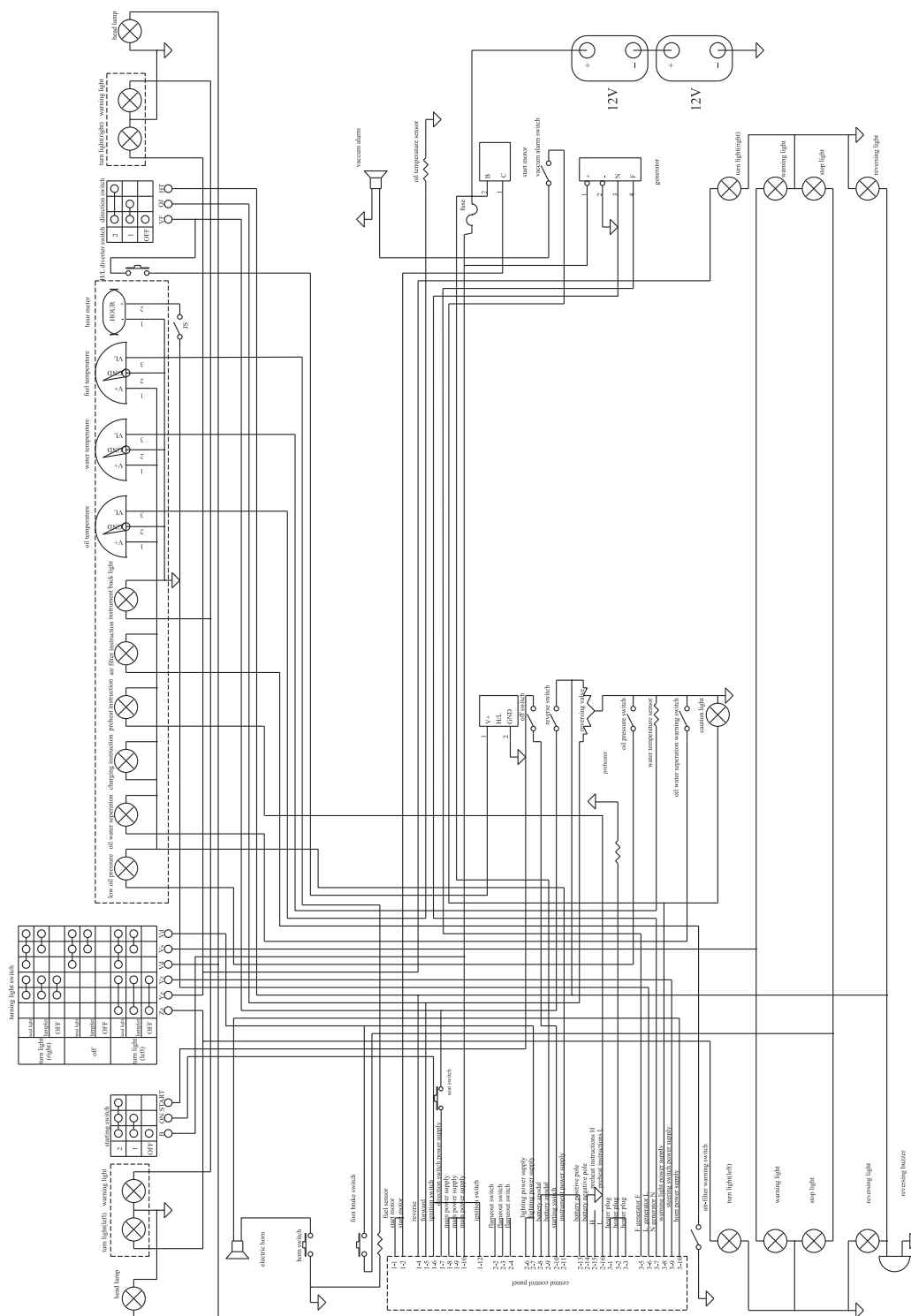


(FD/Y50,60,70,80-CY1/S3/G3/G4)
Electrical circuit diagram(FD/Y50,60,70,80-CY1/S3/G3/G4)

Electric system

Item	Part No	Description	Q'ty	Remark
1	DT04G-24WD2	Head lamp ass'y	2	
2	DT04G-24ZQX	Side lamp ass'y	2	
3	DT02G-Jk804-5D	Integral switch	1	
4	DT01G-ZB908	Combination	1	FD/Y50,60,70,80-CY1 /W3/S3/G3/G4/YC2
-	DT01G-ZB908W	Combination	1	FD50,60,70,80-KMS2
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	FD50,60,70,80-CY1 /W3/S3/YC2/KMS2
-	A50K2-80200	Fused link wire	1	FY50,60,70,80-G3/G4
			1	FD50,60,70,80-KMS2
8	A30C2-20002	Battery	2	FD/Y50,60,70,80-CY1 /W3/S3/G3/G4/YC2
-	A90F2-20100	Battery	2	FD50,60,70,80-KMS2
9	A30G2-00700	(+) Cable	1	FD/Y50,60,70,80-CY1 /W3/G3/G4/YC2
-	A50B2-00700	(+) Cable	1	FD50,60,70,80-S3/KMS2
10	A50B2-01100	Battery cables	1	FD50,60,70,80-CY1/W3 /S3/YC2/KMS2
11	A30C2-00800	(-) Cable	1	FD/Y50,60,70,80-CY1 /W3/S3/G3/G4/YC2
-	A50B2-00800	(-) Cable	1	FD50,60,70,80-KMS2
12	DZ05G-YG411	oil pressure warning switch	1	FD50,60,70,80-CY1
-	DZ05G-YG408	oil pressure warning switch	1	FD50,60,70,80-S3
-	A90F2-50200	oil pressure warning switch	1	FD50,60,70,80-KMS2
13	DZ03G-Z3/8	Water temp sending unit	1	FD50,60,70,80-CY1/YC2
-	DZ03G-WG430	Water temp sending unit	1	FD/Y50,60,70,80-W3 /S3/G4
-	DZ03G-R1/2SY	Water temp sending unit	1	FY50,60,70,80-G3
-	A90F2-50100	Water temp sending unit	1	FD50,60,70,80-KMS2
14	DT04G-LTD152	Caution light	1	
15	180	Binding	20	

Electric system



电气线路图(FD50,60,70,80-W3/YC2/KMS2)
Electrical circuit diagram(FD50,60,70,80-W3/YC2/KMS2)

电气系统

Electric system

序号 Item	零件号 Part No	Description	数量 Q'ty	备注 Remark
16	DT09G-DJB24B	Back buzzer	1	
17	DT04G-XH8-16.3	Rear lights	1	FD50,60,70,80-CY1 /W3/S3/KMS2
-	DT04G-XH8-16.3-12	Rear lights	1	FD/Y50,60,70-G3/G4 /YC2
18	DT03G-YG312	Fuel sensor	1	FD50,60,70,80-CY1 /W3/S3/YC2/KMS2
19	A50B2-01000	Panel	1	FD50,60,70,80-CY1 /W3/S3/YC2/KMS2
-	A30C2-10100	Panel	1	FY50,60,70,80-G3/G4
20	DT05G-JK205A	Brake switch	1	
21	A50C2-80100	Vehicle harness	1	FD50,60,70,80-CY1
-	A50D2-80100	Vehicle harness	1	FD50,60,70,80-W3
-	A50E2-80100	Vehicle harness	1	FD50,60,70,80-S3
-	A50F2-80100	Vehicle harness	1	FY50,60,70,80-G4
-	A50I2-80100	Vehicle harness	1	FY50,60,70,80-G3
-	A50G2-80100	Vehicle harness	1	FD50,60,70,80-YC2
-	A50K2-80100	Vehicle harness	1	FD50,60,70,80-KMS2
22	DT09G-DL224ED	Horn	1	
23	A30C2-00400	Left head guard harness	1	
24	JD281A-120A	Starter relay	1	FD50,60,70,80-CY1/S3
-	JD281A-120A	Starter relay	2	FD50,60,70,80-KMS2
25	TD06G-JD1914	Auxiliary relay	1	FY50,60,70,80-G3/G4