

PARTS MANUAL

Starke EcoMaxx Series

ECO-FG/FD 40-50
Large Truck Version

Rev 11-2016



STARKE MATERIAL HANDLING GROUP

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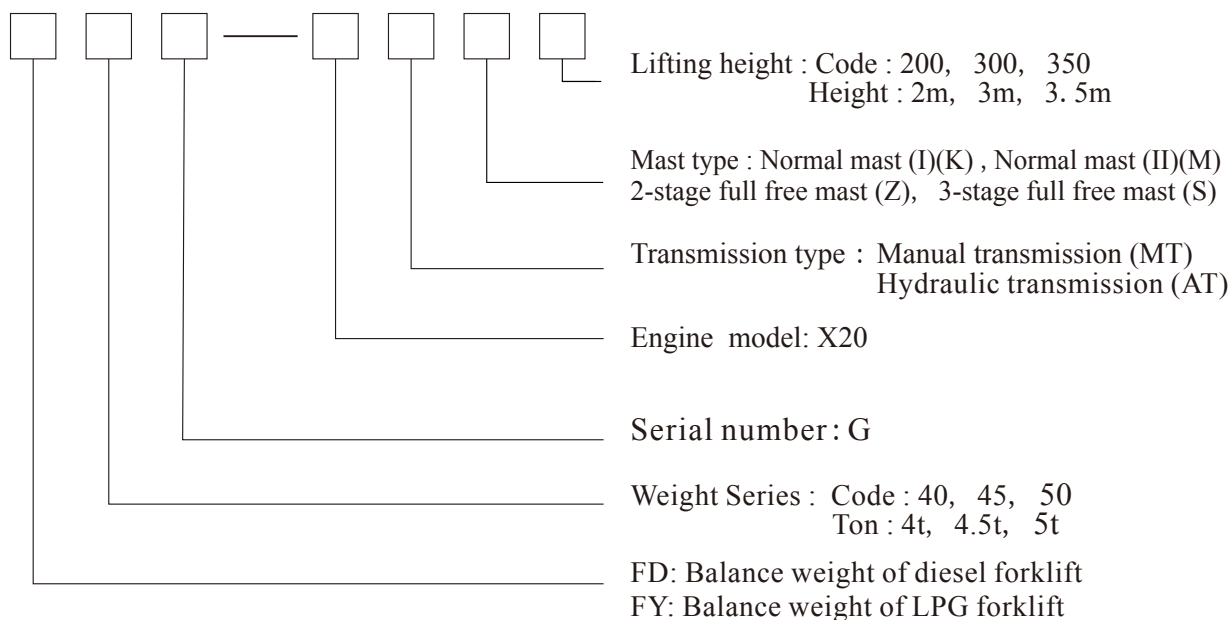
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STARKE
ECOMAXX

FOREWORD

1. This parts list is applied to the FD40, FD45, FD50 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.

FD40,45,50-YC4/YCD4J11T-70 engine

FD40,45,50-LT1/LR4B3-22 engine

FD40,45,50-P1/1104D-44 engine

FD40,45,50-W4/6BG1QC-05 engine

FD40,45,50-KMS5/QSF2.8-C74T4F engine

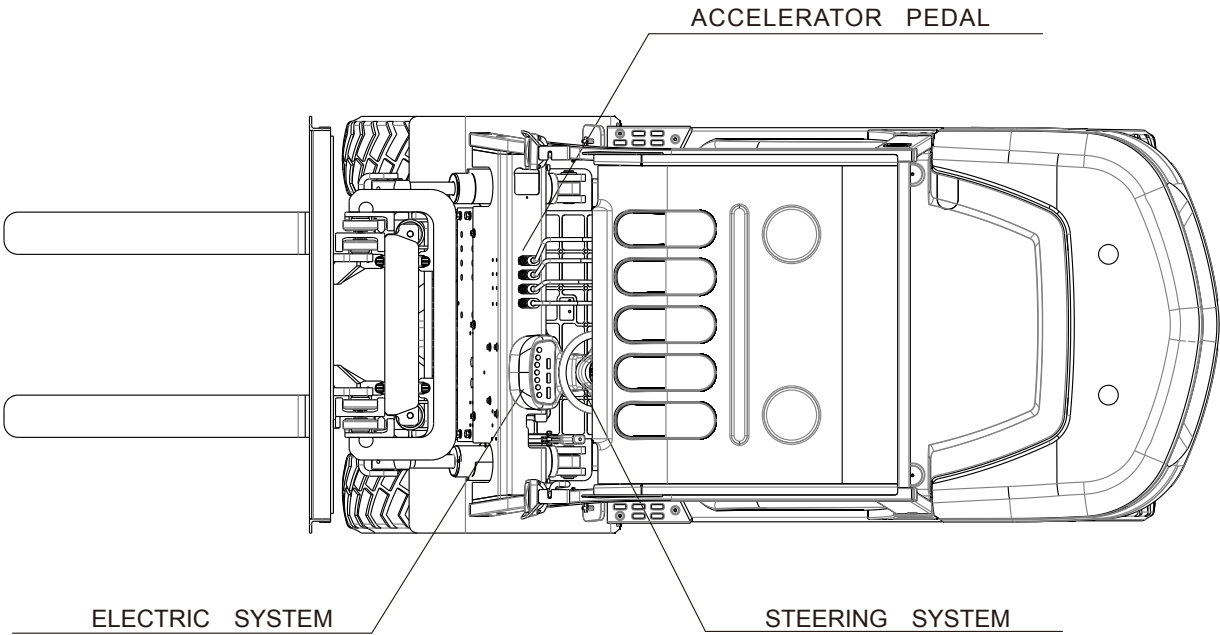
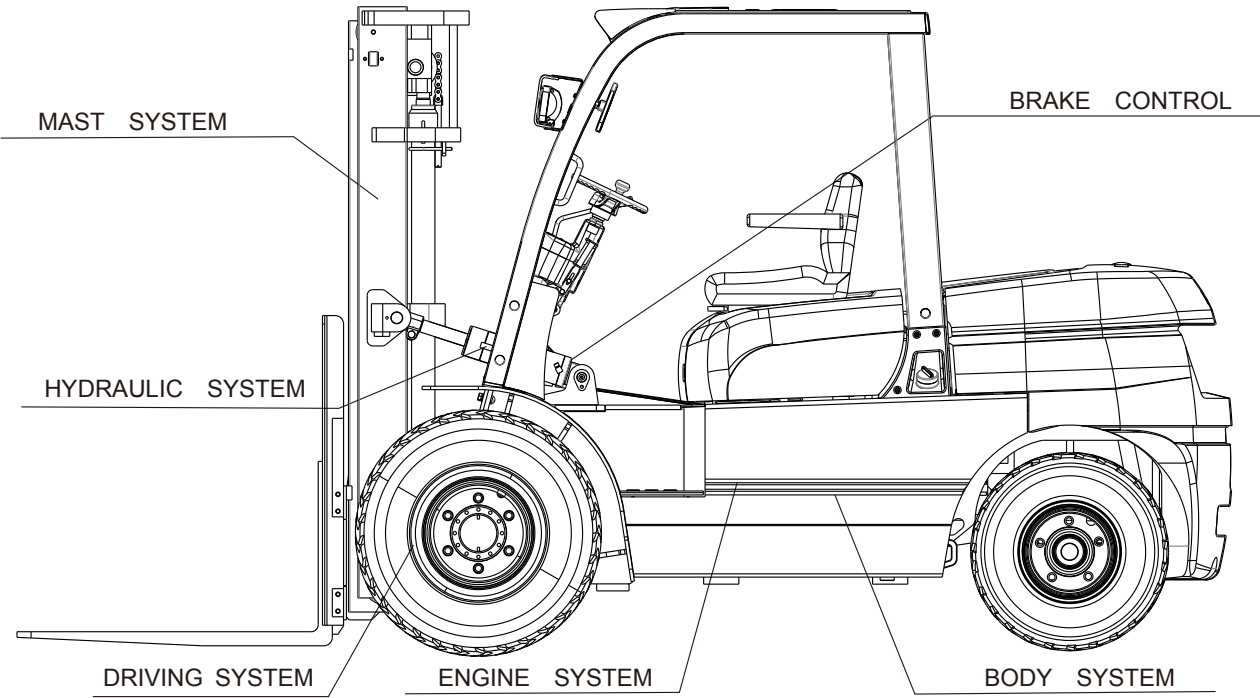
FY40,45,50-G3/GM4.3 engine

FY40,45,50-G4/GM4.3 engine

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

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

GROUP INDEX



INDEX

Engine system

Engine mount	1-01
Air intake system	1-15
Cooling system	1-27
Fuel system	1-33
Exhaust system	1-37
Tor-xon oil cooling system	1-49

Driving system

Drive unit mount	2-01
Drive unit	2-03
Transmission	2-09
Differential	2-11
Oil pump ass'y	2-15
Two-way clutch	2-17
One-way clutch	2-19
Drive axle	2-21
Drive wheel assembly	2-25
Transmission control linkage	2-29

Steering system

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

Accelerator pedal

Accelerator pedal	4-01
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Brake system

Brake & inching control	5-01
Brake lever	5-05

Body system

Frame & balance	6-01
Hood, Floor Board & Seat	6-03
Head guard	6-17

Hydraulic system

Oil tank	7-01
Valve control linkage (two-throw)	7-03
Valve control linkage (three-throw)	7-05
Valve control linkage (four-throw)	7-09
Valve control linkage (five-throw)	7-13
Hydraulic pipe line	7-17

Lifting system

Hydraulic system mast(Normal mast KM)	8-01
Hydraulic system mast(Full Free 3-Stage Mast KZM)	8-03
Fork	8-08
Lift Bracket Normal Mast	8-10
Lift Bracket Full Free 3-Stage Mast	8-12
Mast (Normal mast KM)	8-14
Mast (Full free 3-stage mast KZM)	8-16
Lift Cylinder(Normal Mast KM)	8-18
Front Lift Cylinder (Full Free 3-Stage Mast KZM).	8-22
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)	8-26
Tilt cylinder	8-30

Electric system

Electric system	9-01
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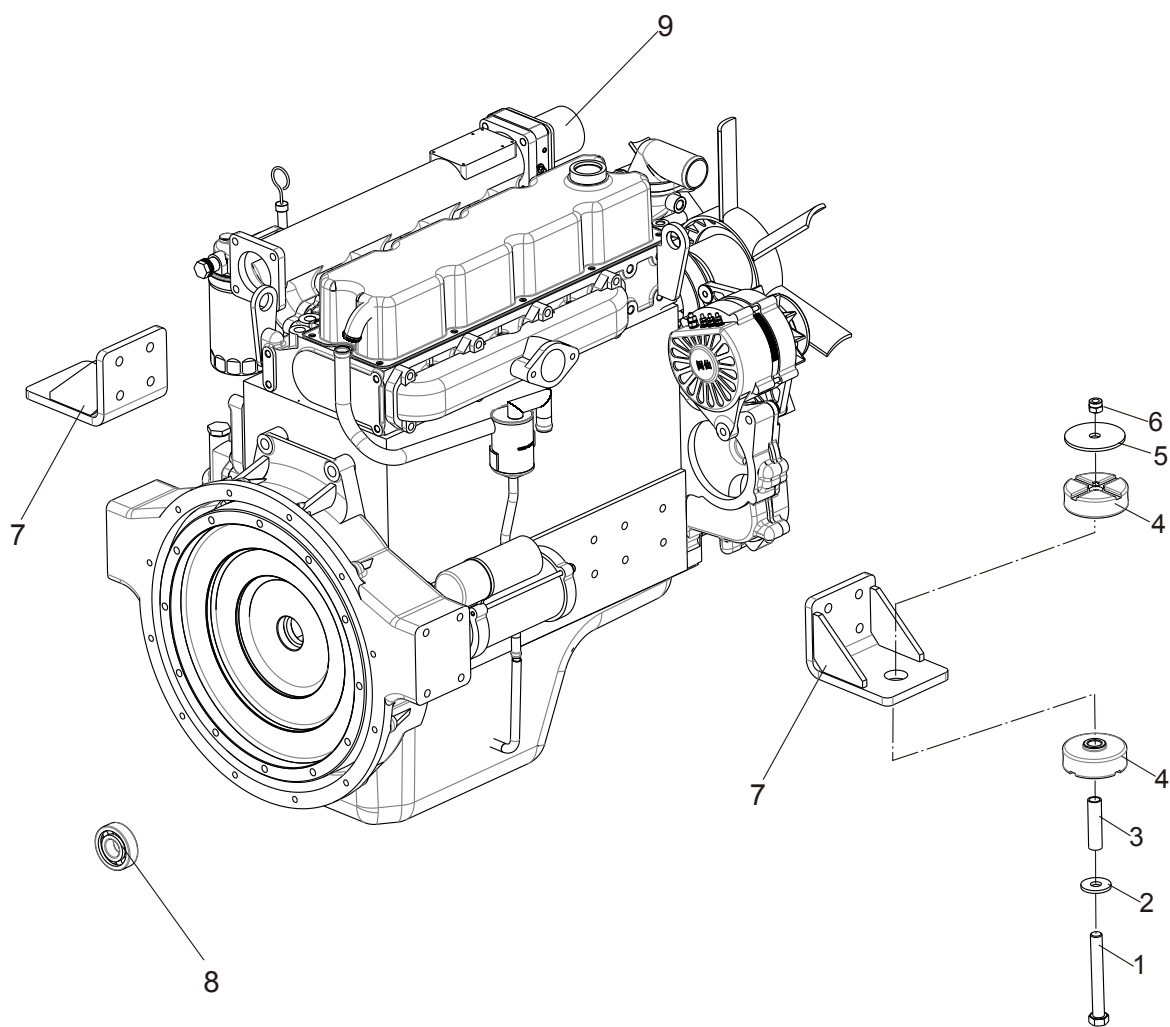
Scutcheon

Scutcheon	10-01
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ENGINE SYSTEM

Engine mount

FD40,45,50-YC4



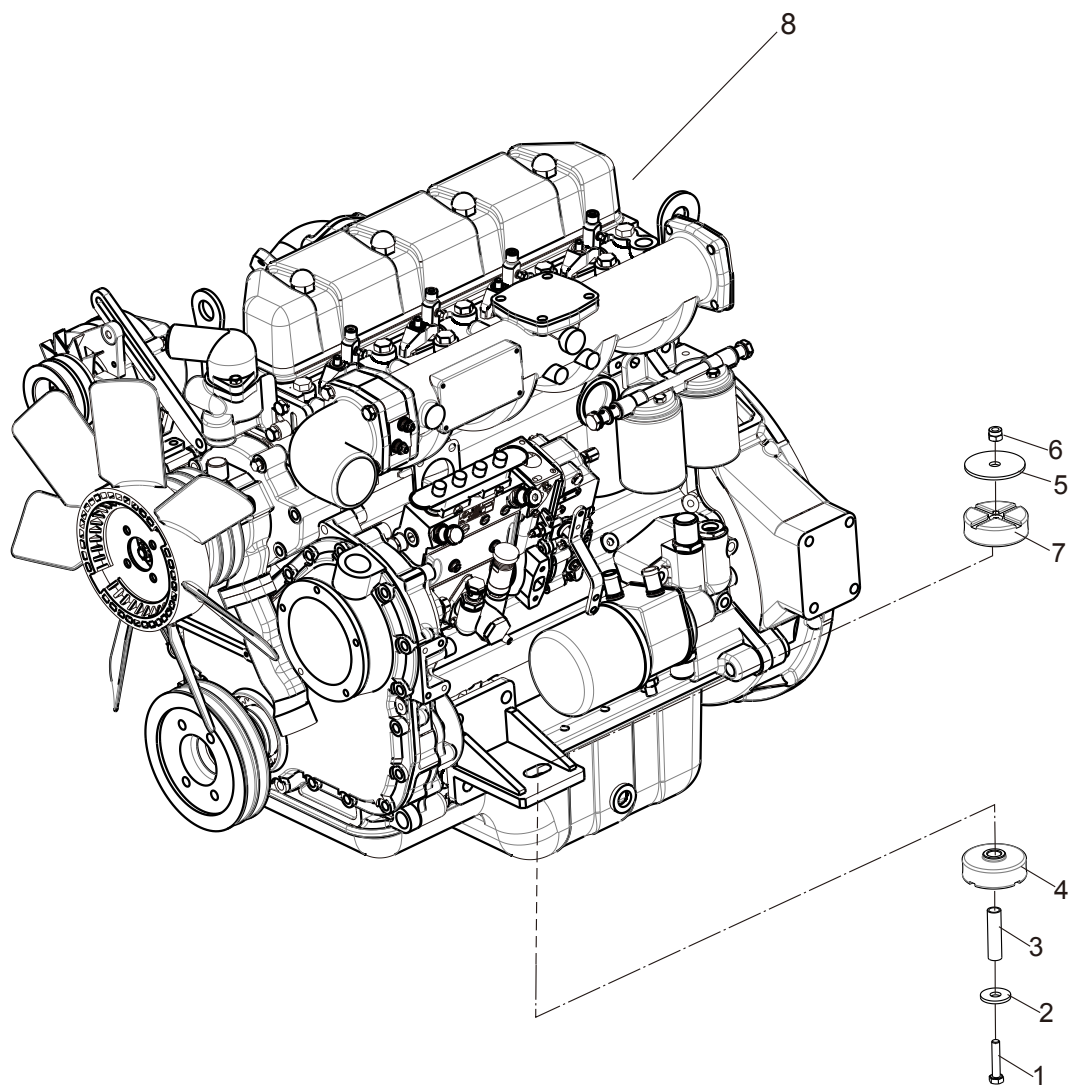
Engine mount

FD40,45,50-YC4

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M14×110×30 Bolt	2	
2	A50C5-00102	Plate	2	
3	A50C5-00103	Bushing	2	
4	A50C5-00101	Rubber	4	
5	A50C5-00104	Plate	2	
6	GB/T889.1	M14 Nut	2	
7	A45L5-10200	Engine support	1	
8	GB/T276	6306-2Z Bearing	1	
9	A45L5-10100	YCD4J11T-70 Engine	1	

Engine mount

FD40,45,50-LT1



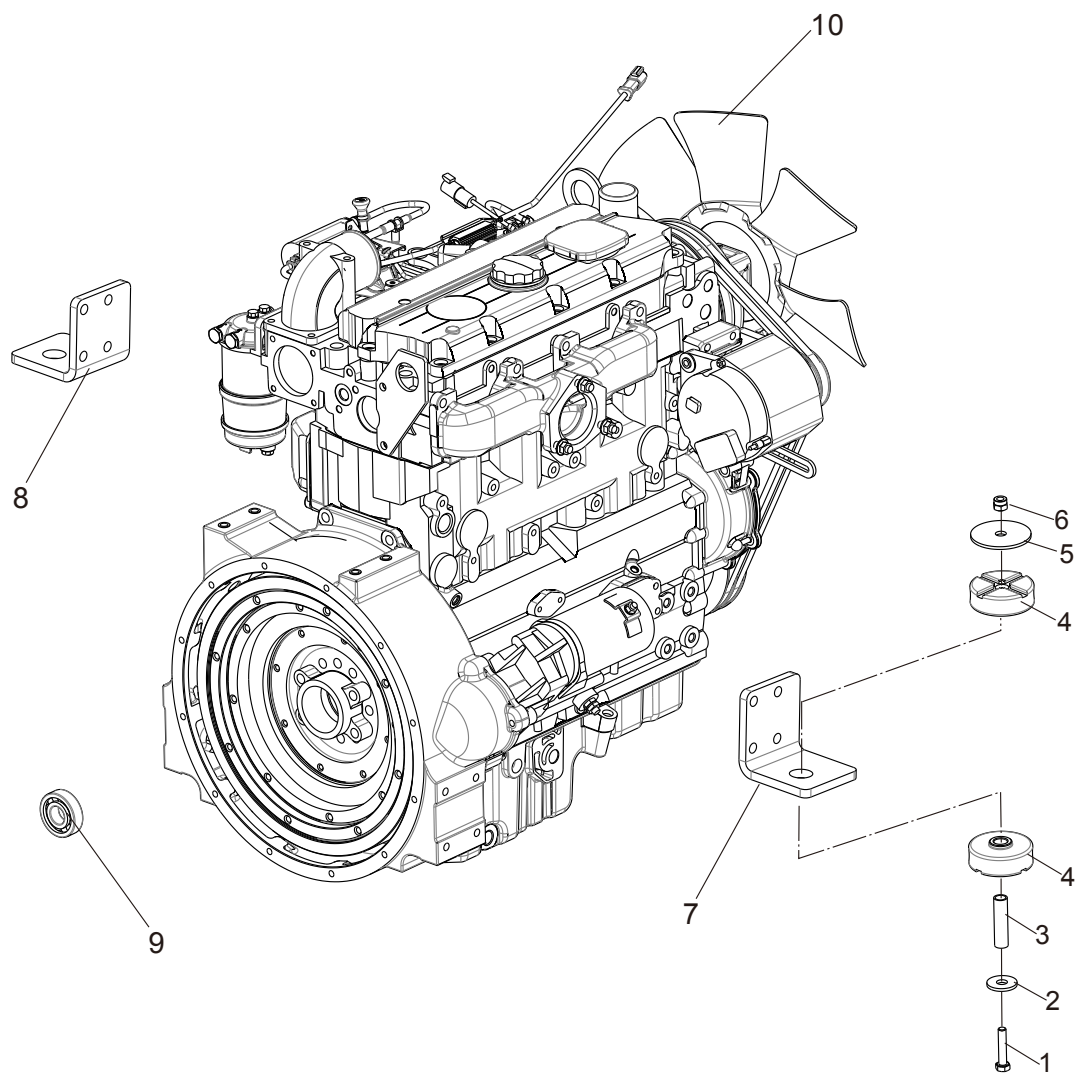
Engine mount

FD40,45,50-LT1

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M14×115 Bolt	2	
2	A50C5-00102	Plate	2	
3	A45Q5-00103	Bushing	2	
4	A50C5-00101	Rubber	2	
5	A45Q5-00101	Plate	2	
6	GB/T889.1	M14 Nut	2	
7	A45Q5-00102	Rubber	2	
8	A45C5-10100	LR4B3-22 Engine	1	

Engine mount

FD40,45,50-P1



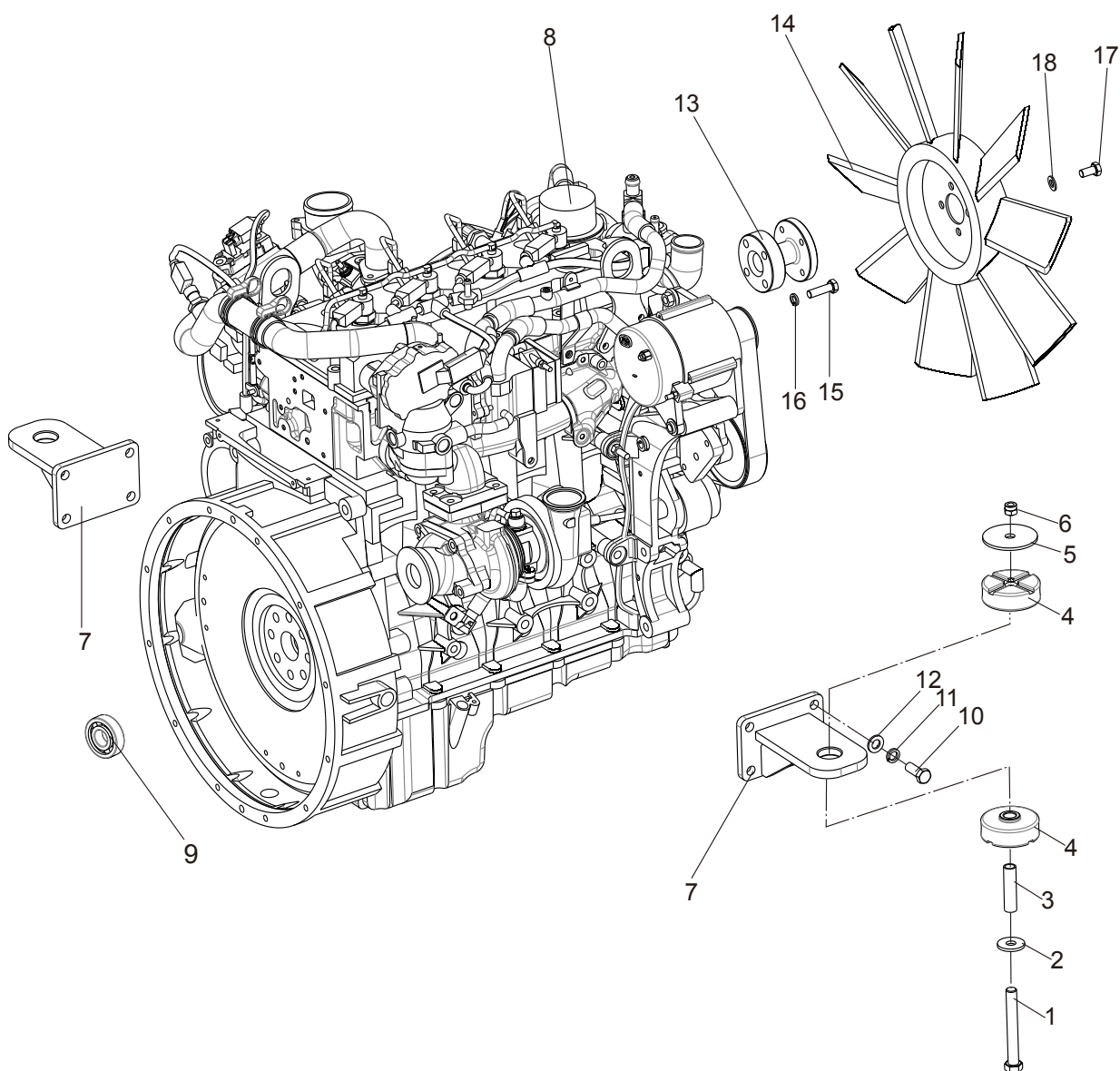
Engine mount

FD40,45,50-P1

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M14×110×30 Bolt	2	
2	A50C5-00102	Plate	2	
3	A50C5-00103	Bushing	2	
4	A50C5-00101	Rubber	4	
5	A50C5-00104	Plate	2	
6	GB/T889.1	M14 Nut	2	
7	A45S5-10100L	Engine support	1	
8	A45S5-10100R	Engine support	1	
9	GB/T276	6306-2Z Bearing	1	
10	A45D5-10100	1104D-44 Engine	1	

Engine mount

FD40,45,50-KMS5



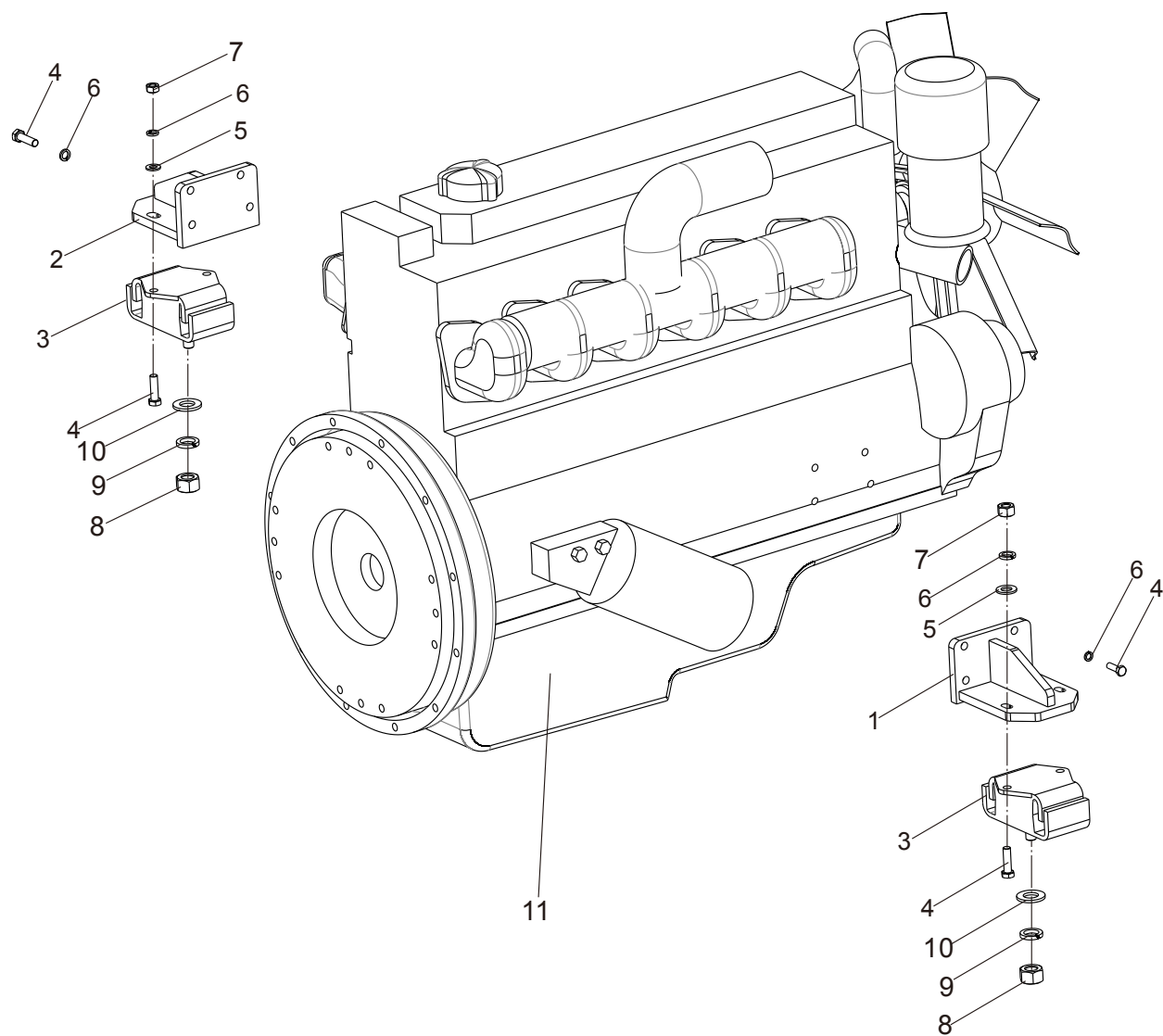
Engine mount

FD40,45,50-KMS5

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M14×110×30 Bolt	2	
2	A50C5-00102	Plate	2	
3	A50C5-00103	Bushing	2	
4	A50C5-00101	Rubber	4	
5	A50C5-00104	Plate	2	
6	GB/T889.1	M14 Nut	2	
7	A45P5-10400	Engine support	2	
8	A45P5-10100	QSF2.8-C74T4F Engine	1	
9	GB/T276	6306-2Z Bearing	1	
10	GB/T5783	M12×30 Bolt	8	
11	GB/T93	12 Washer, lock	8	
12	GB/T97.1	12 Washer	8	
13	A45P5-10005	Fan block	1	
14	A50F5-10004	Fan	1	
15	GB/T5783	M10×35 Bolt	4	
16	GB/T93	10 Washer, lock	4	
17	GB/T5783	M10×20 Bolt	4	
18	GB/T97.1	10 Washer	4	

Engine mount

FD40,45,50-W4



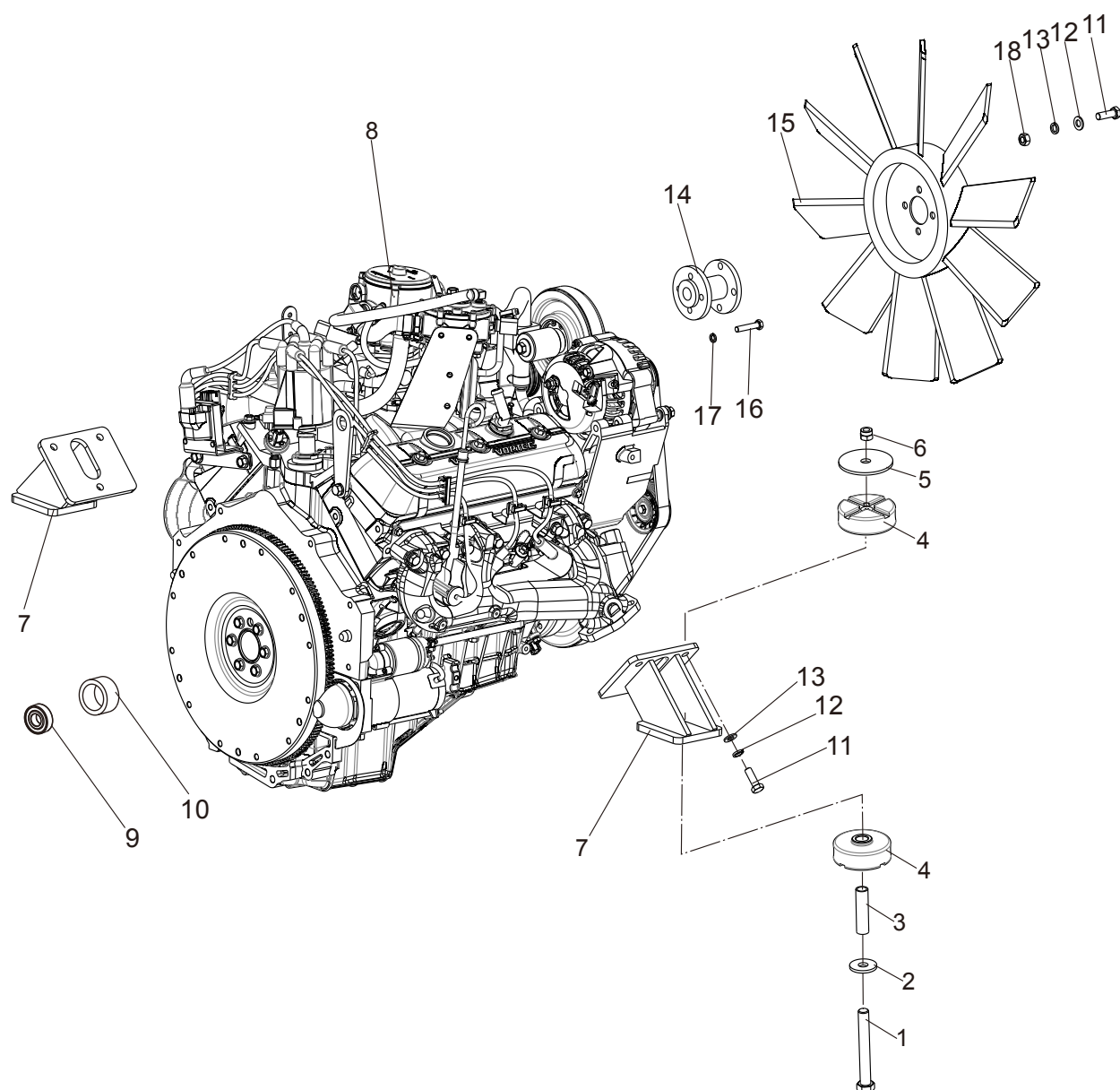
Engine mount

FD40,45,50-W4

Item	Part No	Description	Q'ty	Remark
1	A45F5-12000	Engine support	1	
2	A45F5-11000	Engine support	1	
3	A50E5-10200	Rubber	2	
4	GB/T5783	M10×35 Bolt	12	
5	GB/T93	10 Washer,lock	12	
6	GB/T97.1	10 Washer	4	
7	GB/T6170	M10 Nut	4	
8	GB/T6170	M14 Nut	2	
9	GB/T93	14 Washer,lock	2	
10	GB/T97.1	14 Washer	2	
11	A45F5-10100	6BG1QC-05 Engine	1	

Engine mount

FY40,45,50-G3



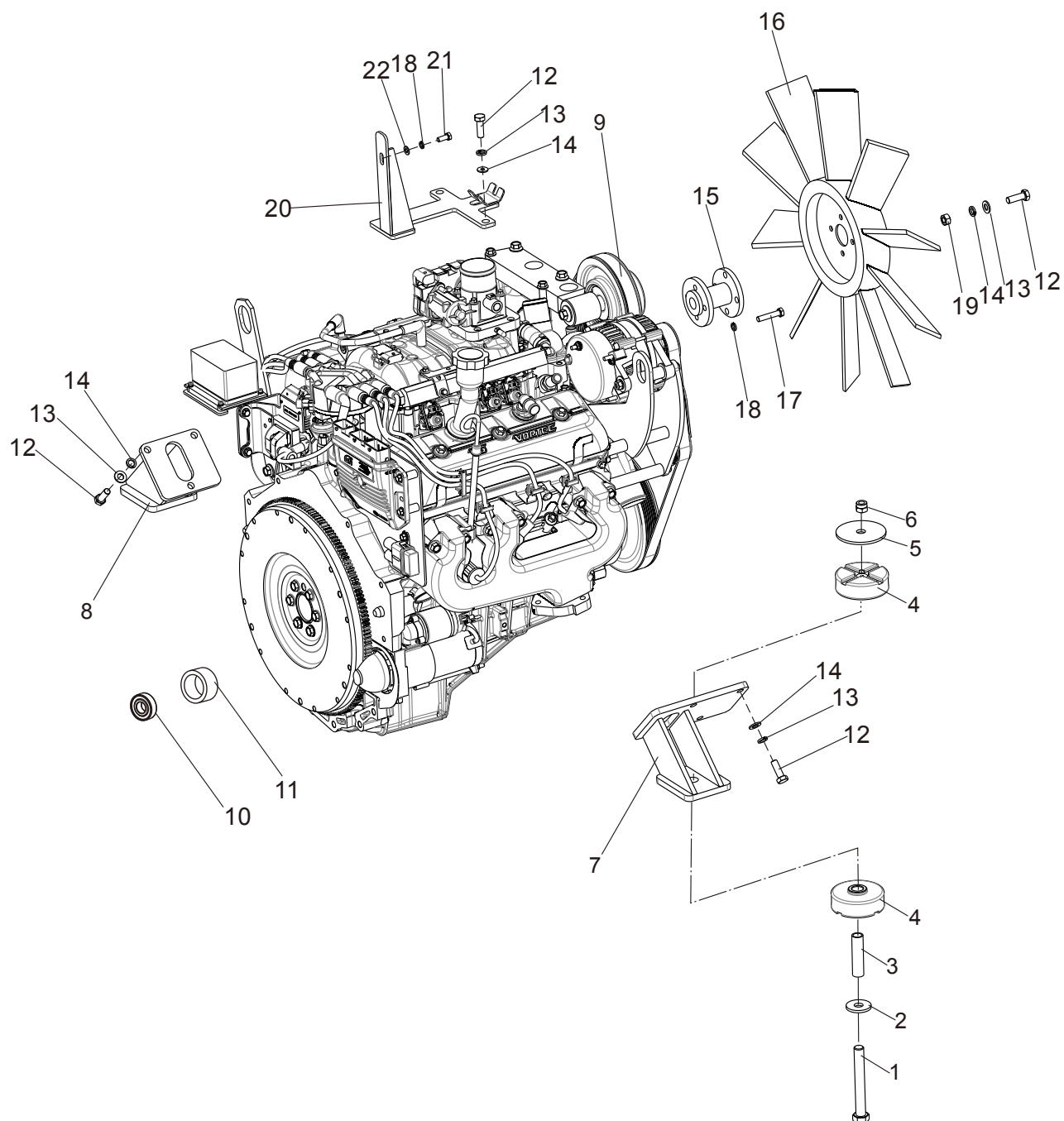
Engine mount

FY40,45,50-G3

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M14×110×30 Bolt	2	
2	A50C5-00102	Plate	2	
3	A50C5-00103	Bushing	2	
4	A50C5-00101	Rubber	4	
5	A50C5-00104	Plate	2	
6	GB/T889.1	M14 Nut	2	
7	A45P5-10400	Engine support	2	
8	A45F5-10200	GM4.3 Engine	1	
9	A30BD5-10003	Bearing	1	
10	A30BD5-10005	Bushing	1	
11	GB/T5783	M10×30 Bolt	10	
12	GB/T93	10 Washer,lock	10	
13	GB/T97.1	10 Washer	10	
14	A50F5-10002	Fan block	1	
15	A50F5-10004	Fan	1	
16	GB/T5783	M8×40 Bolt	4	
17	GB/T93	8 Washer,lock	4	
18	GB/T6170	M8 Nut	4	

Engine mount

FY40,45,50-G4

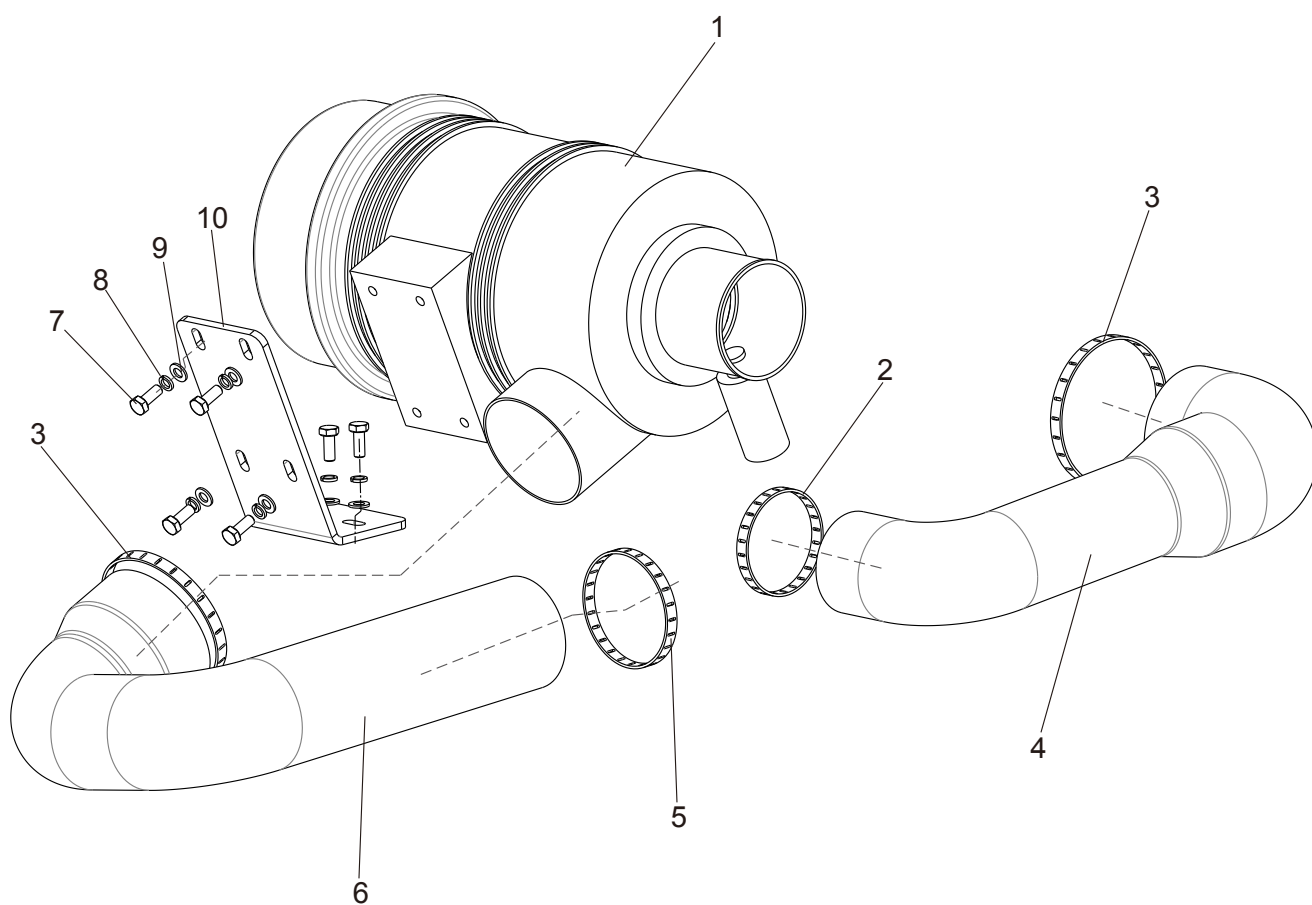


Engine mount

FY40,45,50-G4

Item	Part No	Description	Q'ty	Remark
1	GB/T5782	M14×110×30 Bolt	2	
2	A50C5-00102	Plate	2	
3	A50C5-00103	Bushing	2	
4	A50C5-00101	Rubber	4	
5	A50C5-00104	Plate	2	
6	GB/T889.1	M14 Nut	2	
7	A45N5-10300	Engine support L. H.	1	
8	A45N5-10200	Engine support R. H.	1	
9	A50I5-10100	GM4.3 Engine	1	
10	A30BD5-10003	Bearing	1	
11	A30BD5-10005	Bushing	1	
12	GB/T5783	M10×30 Bolt	12	
13	GB/T93	10 Washer,lock	12	
14	GB/T97.1	10 Washer	12	
15	A50F5-10002	Fan block	1	
16	A50F5-10004	Fan	1	
17	GB/T5783	M8×40 Bolt	4	
18	GB/T93	8 Washer,lock	5	
19	GB/T6170	M8 Nut	4	
20	A45N5-10500	Evaporator fixed plate	1	
21	GB/T5783	M8×16 Bolt	4	
22	GB/T97.1	8 Washer	1	

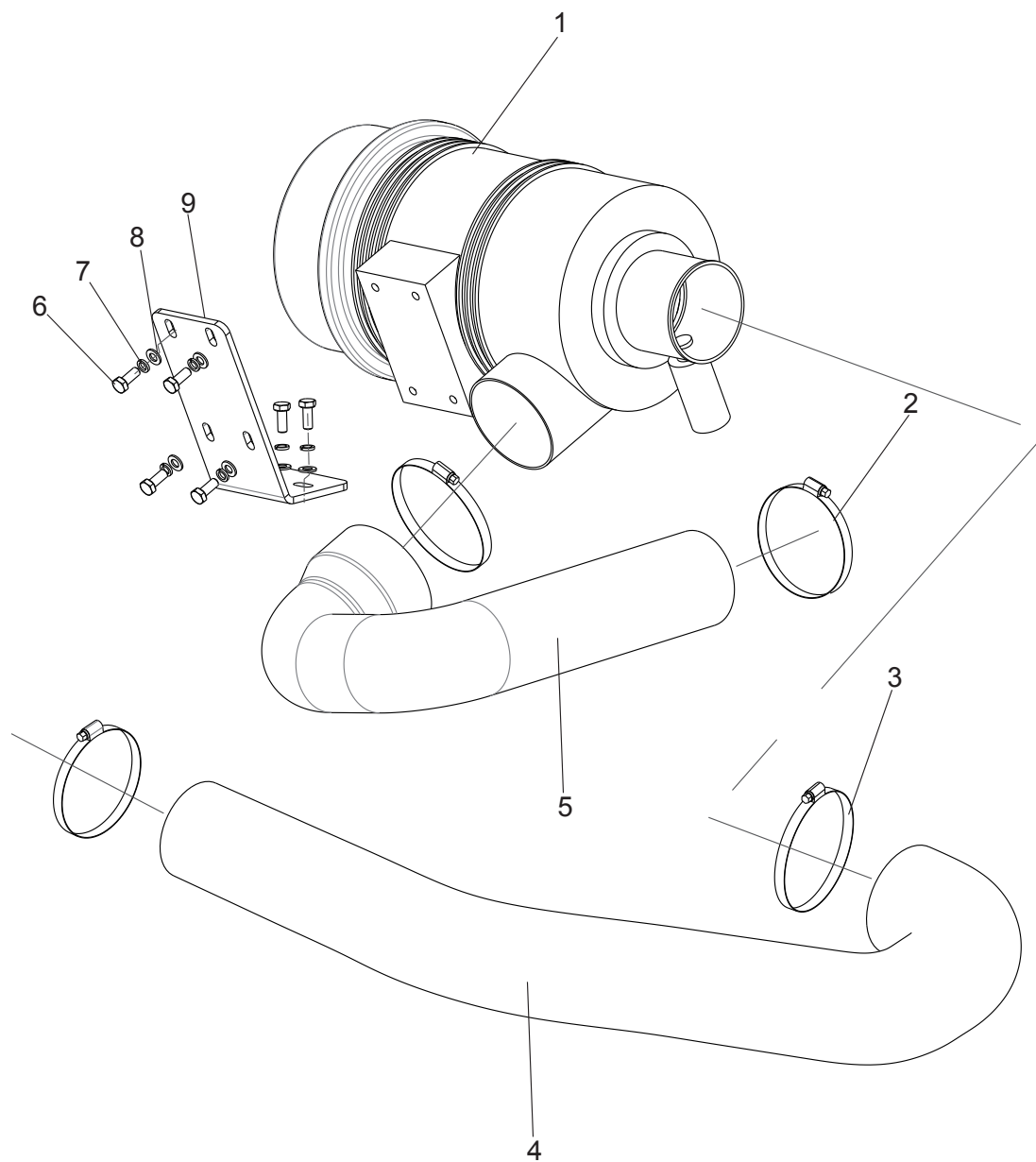
Air intake system FD40,45,50-YC4/LT1



Air intake system FD40,45,50-YC4/LT1

Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	8JA08-08010	80×70 Clip	1	FD40,45,50-YC4
–	8JA08-08020	80×60 Clip Clip	1	FD40,45,50-LT1
3	8JA08-11010	110×100 Clip	2	FD40,45,50-YC4
–	8JA08-11020	110×90 Clip	2	FD40,45,50-LT1
4	A45L5-11001	Hose, intake air	1	FD40,45,50-YC4
–	A45C5-11001	B Hose, intake air	1	FD40,45,50-LT1
5	8JA08-10020	100×80 Clip	1	
6	A45L5-11002	Hose, intake air	1	
7	GB/T5783	M8×20 Bolt	6	
8	GB/T93	8 Washer,lock	6	
9	GB/T97.1	8 Washer	6	
10	A45L5-11003	Air filter bracket	1	

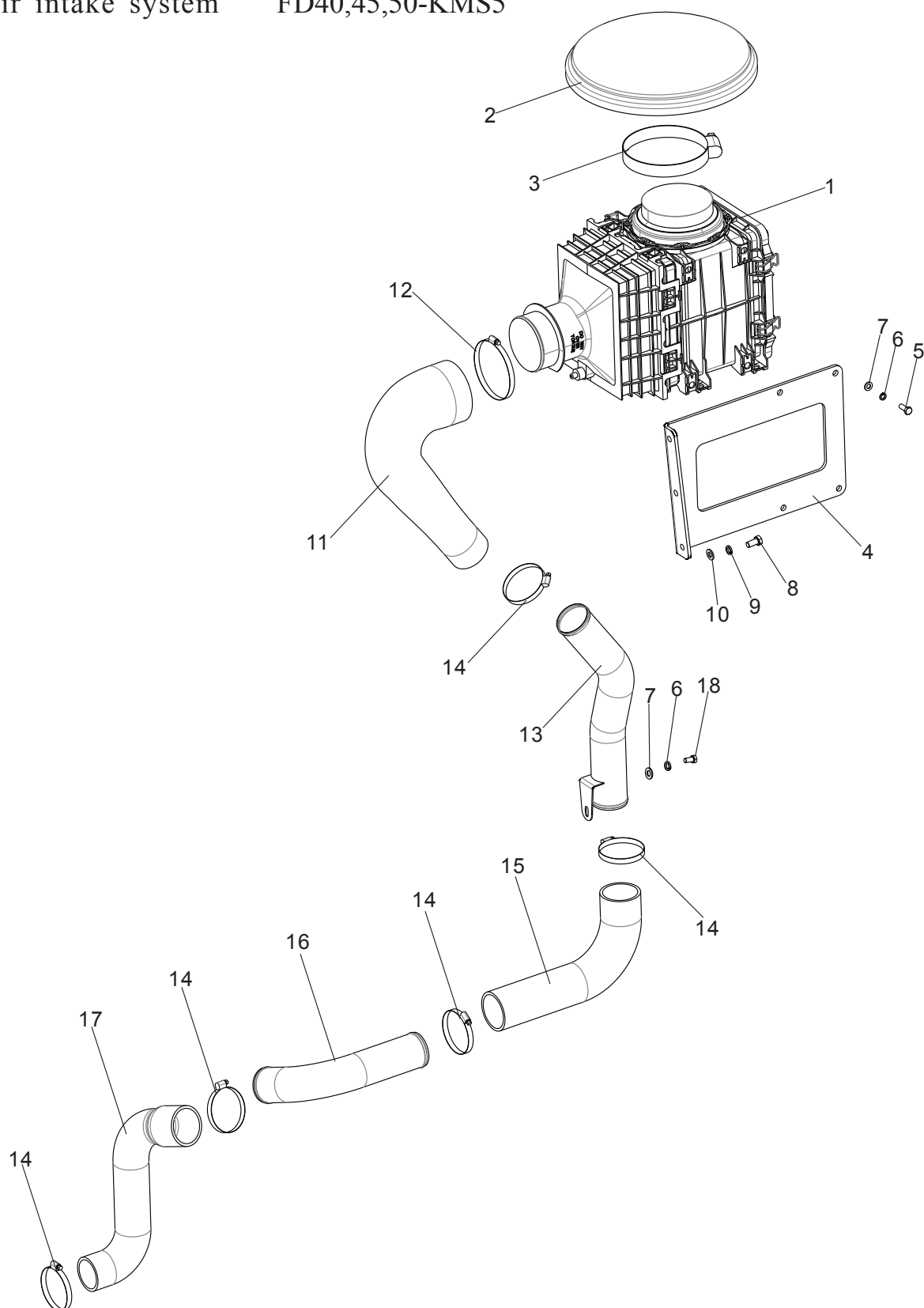
Air intake system FD40,45,50-P1



Air intake system FD40,45,50-P1

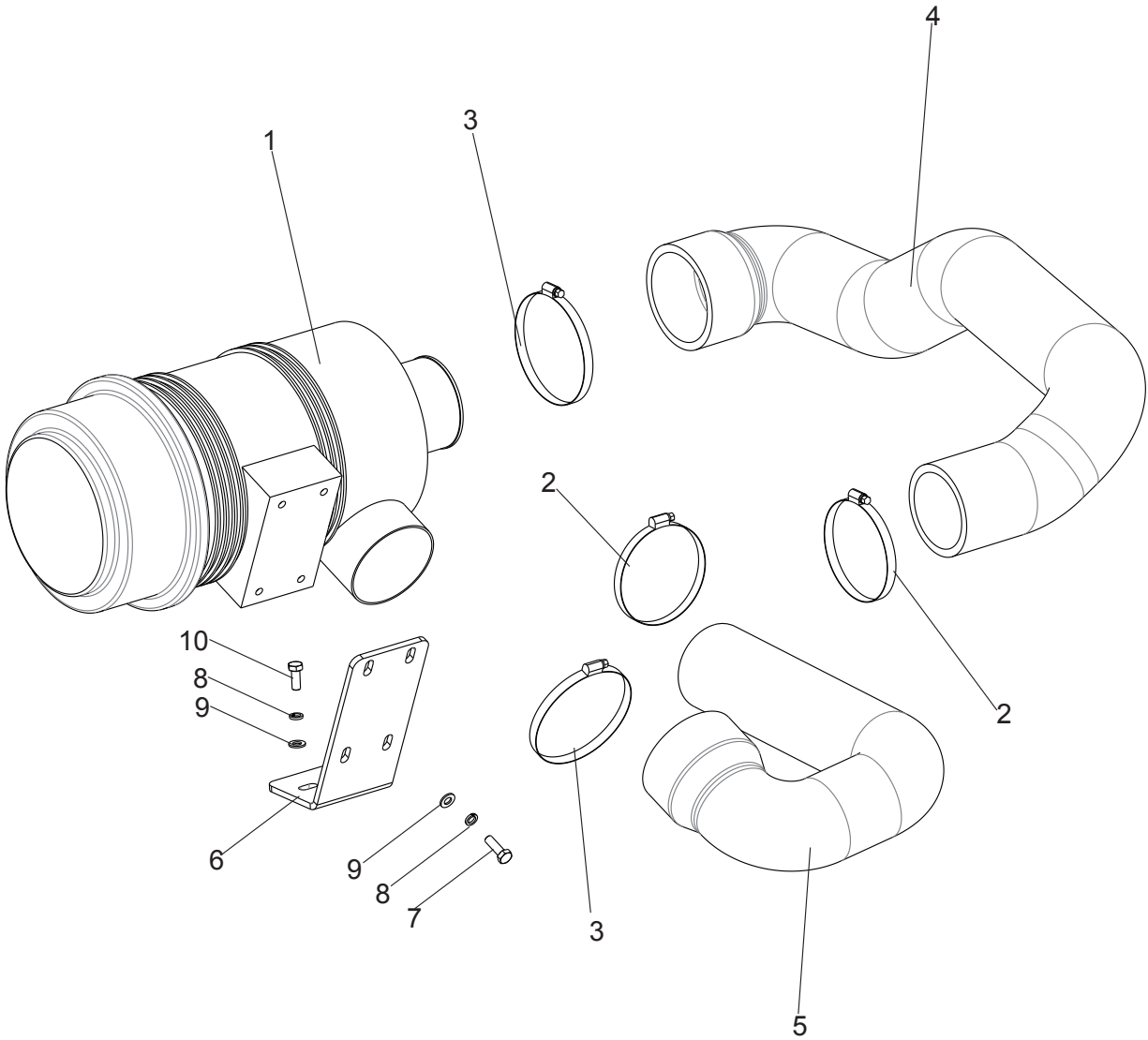
Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	8JA08-10020	100×80 Clip	2	
3	8JA08-11020	110×90 Clip	2	
4	A45S5-11001	Hose, intake air	1	
5	A45L5-11002	Hose, intake air	1	
6	GB/T5783	M8×20 Bolt	6	
7	GB/T93	8 Washer,lock	6	
8	GB/T97.1	8 Washer	6	
9	A45L5-11003	Air filter bracket	1	

Air intake system FD40,45,50-KMS5



Air intake system FD40,45,50-KMS5

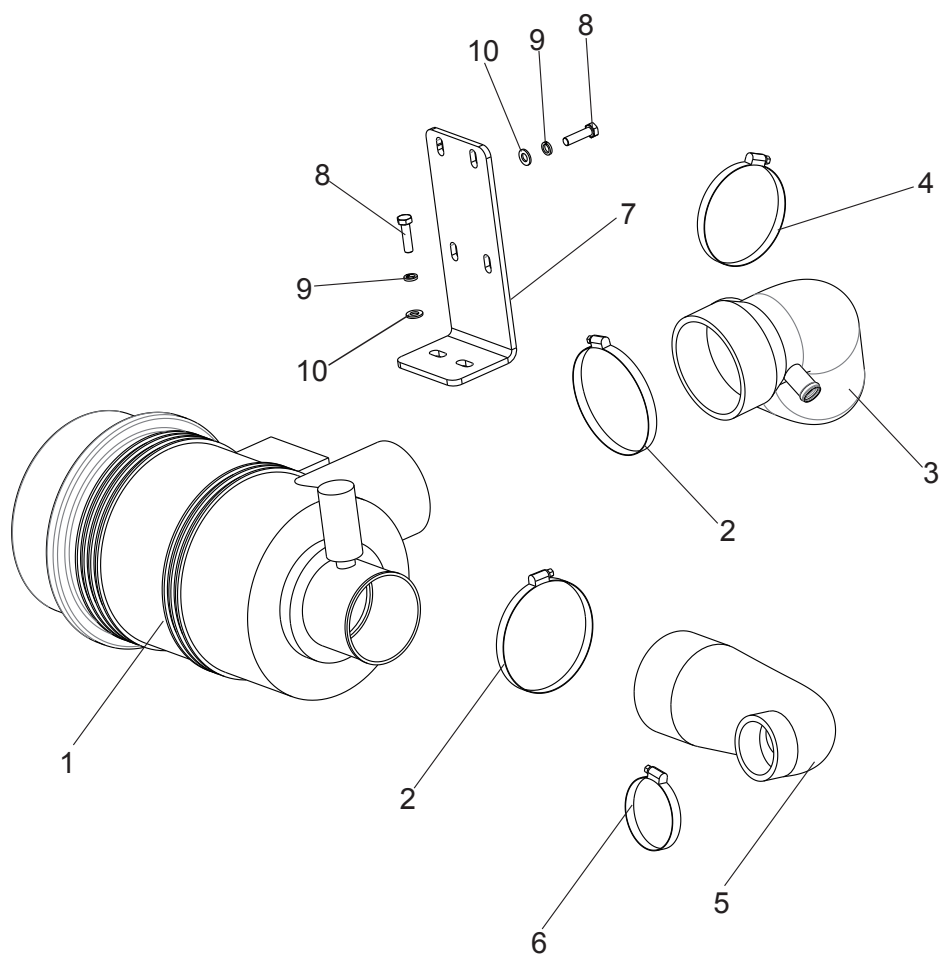
Item	Part No	Description	Q'ty	Remark
1	A45P5-10200	Air cleaner	1	
2	A45P5-10300	Rain roofs	1	
3	A45P5-10311	Clip	1	
4	A45P5-10001	Air filter bracket	1	
5	GB/T5783	M8×20 Bolt	4	
6	GB/T93	8 Washer,lock	5	
7	GB/T97.1	8 Washer	5	
8	GB/T5783	M10×20 Bolt	3	
9	GB/T93	10 Washer,lock	3	
10	GB/T97.1	10 Washer	3	
11	A45P5-10002	A Hose, intake air	1	
12	8JA08-13020	130×110 Clip	1	
13	A45P5-10003	Hose, intake air	1	
14	8JA08-08020	80×60 Clip	5	
15	A45P5-10004	B Hose, intake air	1	
16	A45P5-10006	B Hose, intake air	1	
17	A45P5-10007	C Hose, intake air	1	
18	GB/T5783	M8×16 Bolt	1	



Air intake system FD40,45,50-W4

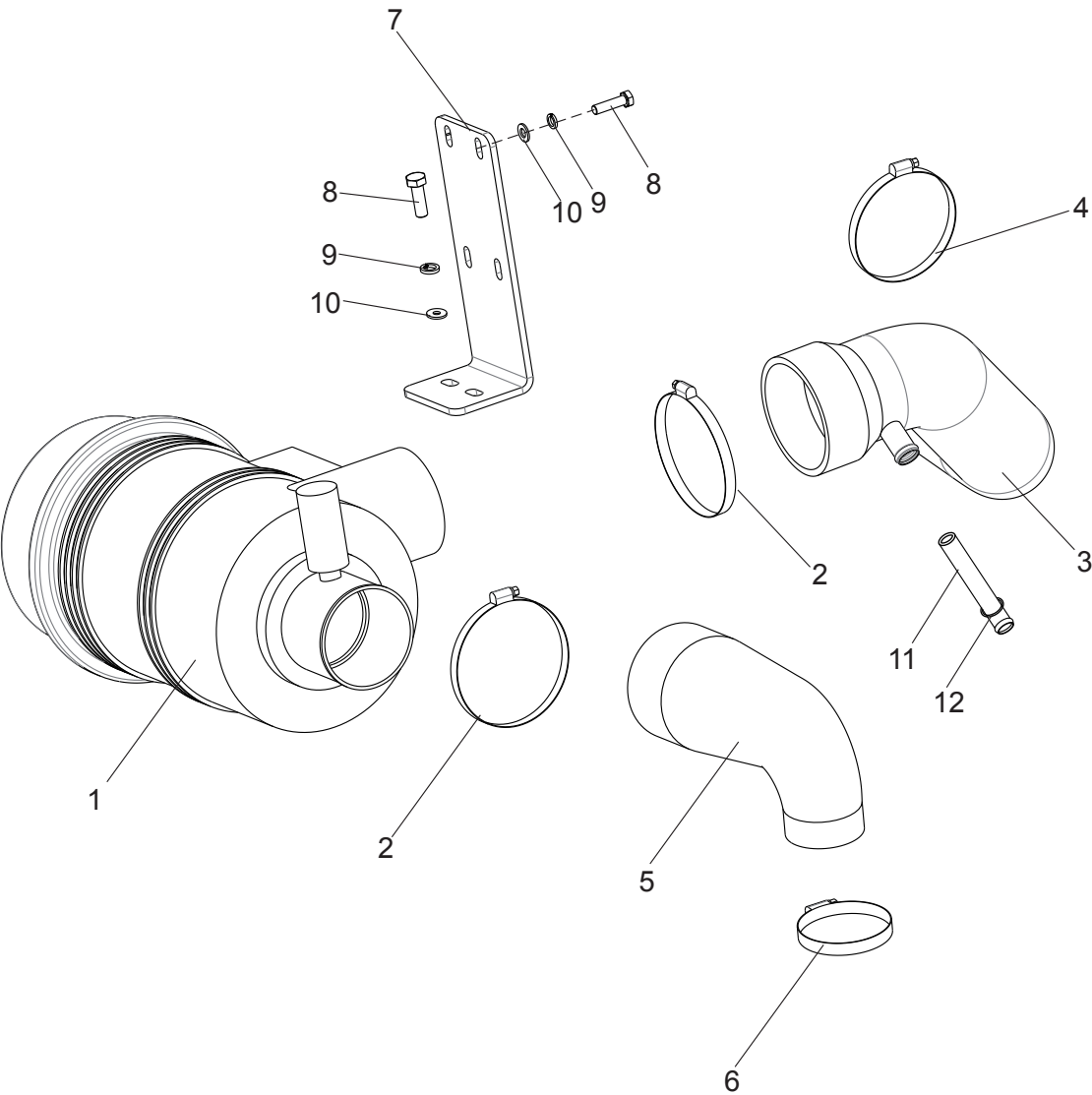
Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	8JA08-10020	100×80 Clip	2	
3	8JA08-11020	110×90 Clip	2	
4	A45F5-13001	Hose, intake air	1	
5	A45L5-11002	Hose, intake air	1	
6	A45L5-11003	Air filter bracket	1	
7	GB/T5783	M8×25 Bolt	4	
8	GB/T93	8 Washer,lock	6	
9	GB/T97.1	8 Washer	6	
10	GB/T5783	M8×20 Bolt	2	

Air intake system FY40,45,50-G3



Air intake system FY40,45,50-G3

Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	8JA08-11020	110×90 Clip	2	
3	A45M5-11001	A Hose, intake air	1	
4	8JA08-10020	100×80 Clip	1	
5	A45M5-11002	B Hose, intake air	1	
6	8JA08-07020	70×50 Clip	1	
7	A45M5-11003	Air filter bracket	1	
8	GB/T5783	M8×30 Bolt	6	
9	GB/T93	8 Washer,lock	6	
10	GB/T97.1	8 Washer	6	

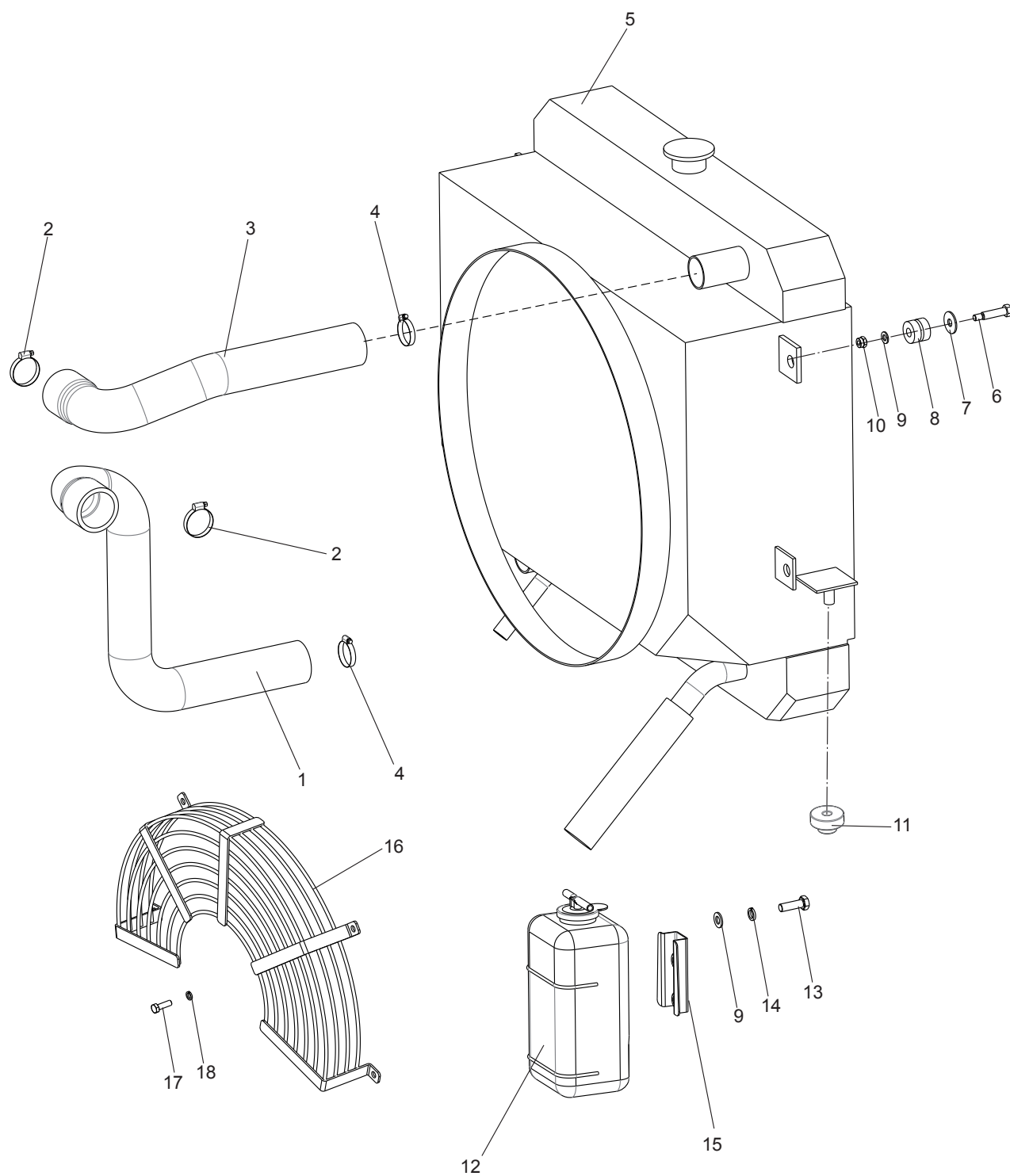


Air intake system FY40,45,50-G4

Item	Part No	Description	Q'ty	Remark
1	A50A5-10200	Air cleaner	1	
2	8JA08-11020	110×90 Clip	2	
3	A45N5-11001	A Hose, intake air	1	
4	8JA08-10020	100×80 Clip	1	
5	A45N5-11002	B Hose, intake air	1	
6	8JA08-07020	70×50 Clip	1	
7	A45N5-11003	Air filter bracket	1	
8	GB/T5783	M8×30 Bolt	6	
9	GB/T93	8 Washer,lock	6	
10	GB/T97.1	8 Washer	6	
11	TG000-19100	19×1000 Pipe	1	
12	8JA08-03212	32×20 Clip	2	

Cooling system

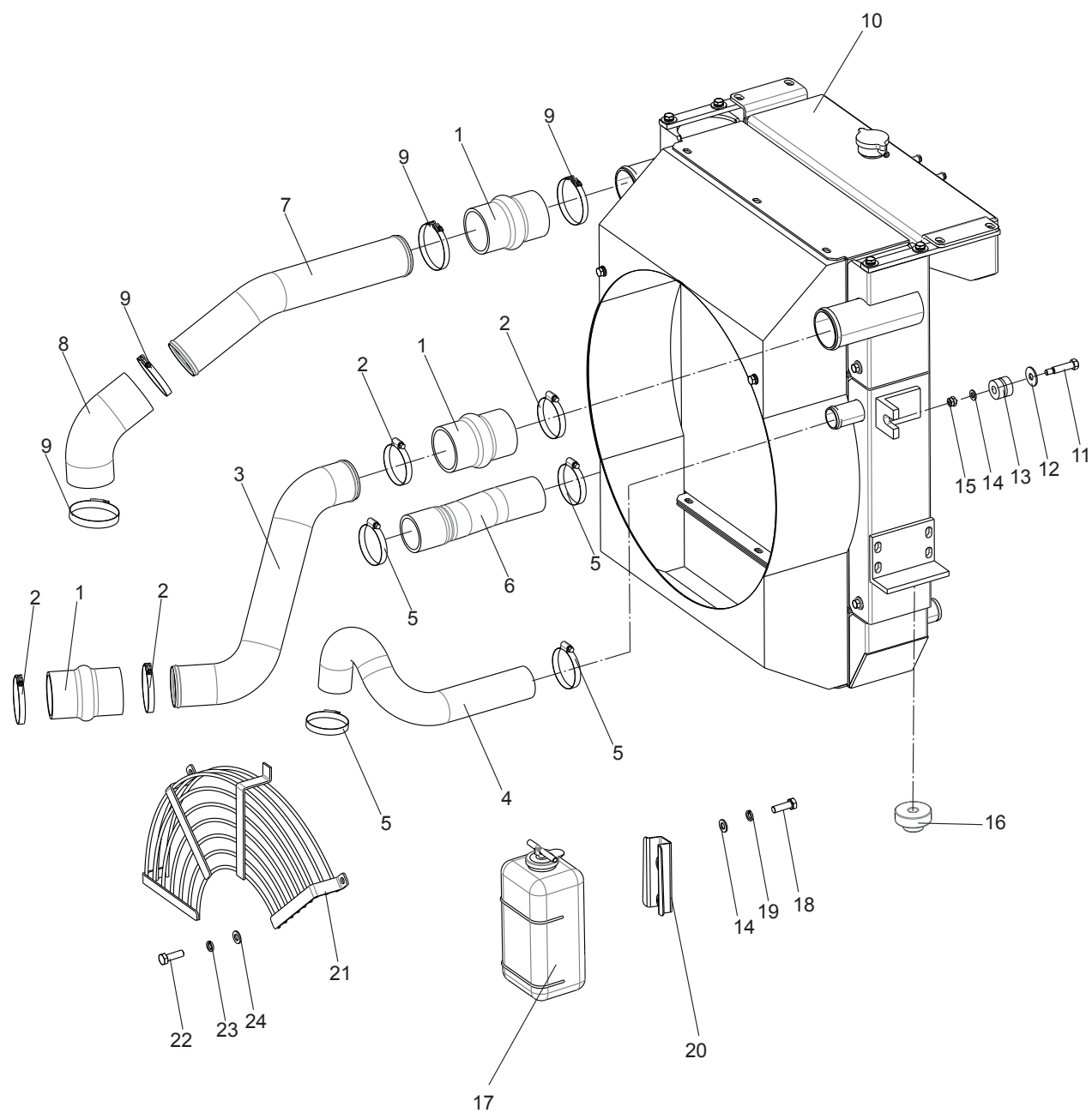
FD40,45,50-YC4/LT1/P1/W4



Cooling system FD40,45,50-YC4/LT1/P1/W4

Item	Part No	Description	Q'ty	Remark
1	A45L5-40002	Hose rubber	1	FD40,45,50-YC4
–	A45B5-40002	Hose rubber	1	FD40,45,50-LT1
–	A45D5-40002	Hose rubber	1	FD40,45,50-P1
–	A45F5-40002	Hose rubber	1	FD40,45,50-W4
2	8JA08-06420	64×44 Clip	2	
3	A45L5-40001	Hose rubber	1	FD40,45,50-YC4
–	A45B5-40001	Hose rubber	1	FD40,45,50-LT1
–	A45D5-40001	Hose rubber	1	FD40,45,50-P1
4	A45F5-40001	Hose rubber	1	FD40,45,50-W4
5	TK000-35051	35-51 Clip	2	
–	A45L5-40100	Radiator	1	FD40,45,50-YC4
–	A45D5-40100	Radiator	1	FD40,45,50-LT1/P1
–	A45F5-40100	Radiator	1	FD40,45,50-W4
6	A30A5-40005	Bolt	2	
7	A30A5-20003	Plate	2	
8	A30A5-40004	II Rubber	2	
9	GB/T97.1	8 Washer	4	
10	GB/T889.1	M8 Nut	2	
11	A30A5-40003	I Rubber	2	
12	A45L5-40200	Auxiliary radiator	1	
13	GB/T5783	M8×30 Bolt	2	
14	GB/T93	8 Washer,lock	2	
15	A45L5-40210	Auxiliary radiator bracket	1	
16	A45D5-40110	Fan retainer	1	FD40,45,50-YC1/LT1/P1
–	A45F5-40200	Fan retainer	1	FD40,45,50-W4
17	GB/T5783	M8×16 Bolt	4	
18	GB/T93	8 Washer,lock	4	

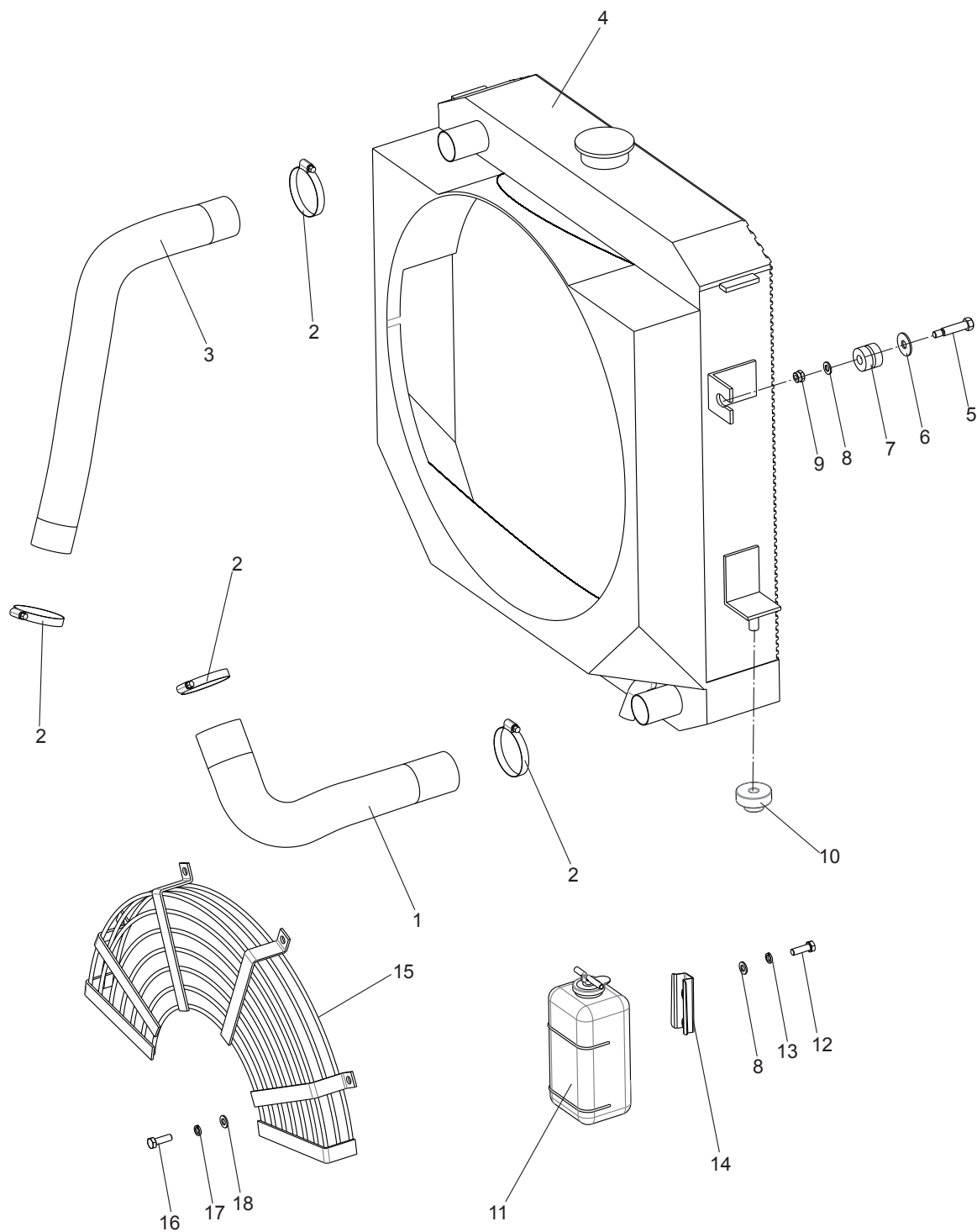
Cooling system FD40,45,50-KMS5



Cooling system FD40,45,50-KMS5

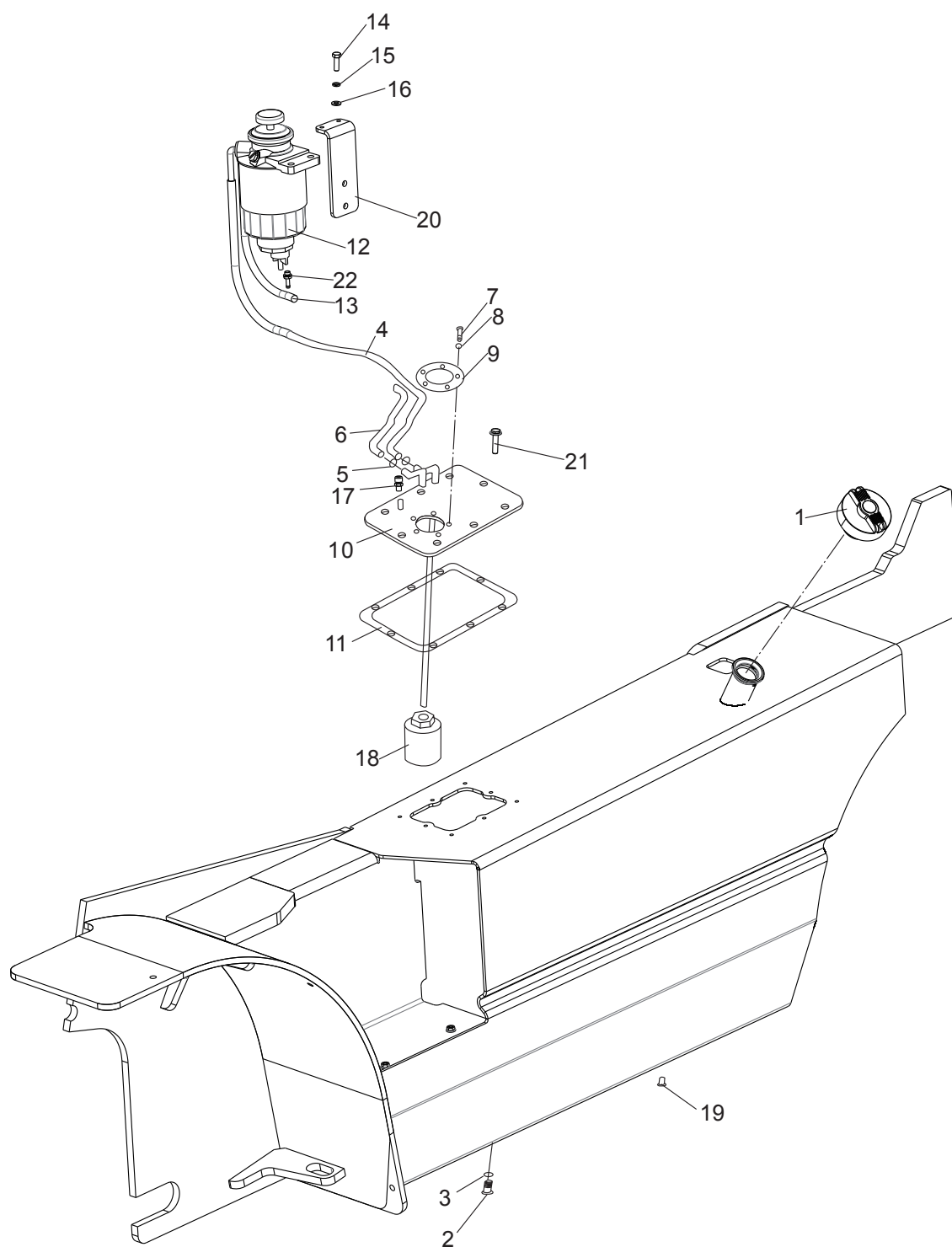
Item	Part No	Description	Q'ty	Remark
1	A45P5-40001	Hose rubber	3	
2	8JE08-07808	78×70 Clip	4	
3	A45P5-40002	Hose rubber	1	
4	A45P5-40005	Hose rubber	1	
5	8JA08-06420	64×44 Clip	4	
6	A45P5-40006	Hose rubber	1	
7	A45P5-40003	Hose rubber	1	
8	A45P5-40004	Hose rubber	1	
9	8JD08-07808	78×70 Clip	4	
10	A45P5-40100	Radiator	1	
11	A30A5-40005	Bolt	2	
12	A30A5-20003	Plate	2	
13	A30A5-40004	II Rubber	2	
14	GB/T97.1	8 Washer	4	
15	GB/T889.1	M8 Nut	2	
16	A30A5-40003	I Rubber	2	
17	A45L5-40200	Auxiliary radiator	1	
18	GB/T5783	M8×30 Bolt	2	
19	GB/T93	8 Washer,lock	2	
20	A45L5-40210	Auxiliary radiator bracket	1	
21	A45P5-40200	Fan retainer	1	
22	GB/T5783	M8×16 Bolt	4	
23	GB/T93	8 Washer,lock	4	
24	GB/T97.1	8 Washer	4	

Cooling system FY40,45,50-G3/G4



Cooling system FY40,45,50-G3/G4

Item	Part No	Description	Q'ty	Remark
1	A45M5-40001	Hose rubber	1	FY40,45,50-G3
–	A45N5-40002	Hose rubber	1	FY40,45,50-G4
2	8JA08-06420	64×44 Clip	4	
3	A50F5-40001	Hose rubber	1	FY40,45,50-G3
–	A50I5-40001	Hose rubber	1	FY40,45,50-G4
4	A45M5-40100	Radiator	1	FY40,45,50-G3
–	A45N5-40100	Radiator	1	FY40,45,50-G4
5	A30A5-40005	Bolt	2	
6	A30A5-20003	Plate	2	
7	A30A5-40004	II Rubber	2	
8	GB/T97.1	8 Washer	4	
9	GB/T889.1	M8 Nut	2	
10	A30A5-40003	I Rubber	2	
11	A45L5-40200	Auxiliary radiator	1	
12	GB/T5783	M8×30 Bolt	2	
13	GB/T93	8 Washer,lock	2	
14	A45L5-40210	Auxiliary radiator bracket	1	
15	A45M5-40200	Fan retainer	1	
16	GB/T5783	M8×16 Bolt	4	
17	GB/T93	8 Washer,lock	4	
18	GB/T97.1	8 Washer	4	

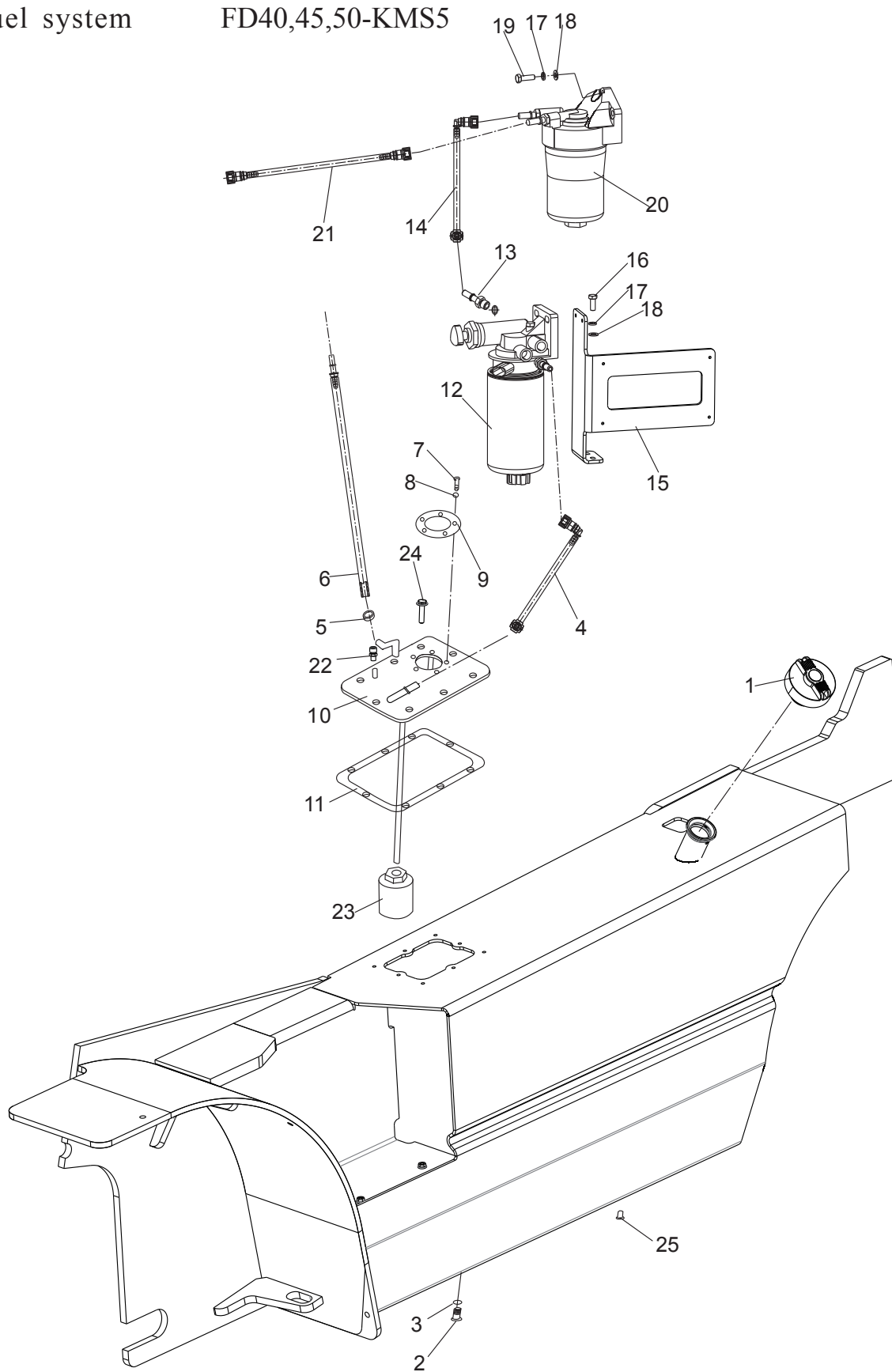


Fuel system FD40,45,50-YC4/LT1/W4/P1

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug,drain	1	
3	A30A4-50004	ED 26 Washer	1	
4	TG000-08050	8×500 Tube	1	
5	TK000-13019	13-19 Clip	6	
6	TG000-08140	8×1400 Tube	1	
7	GB/T818	M5×12 Bolt	5	
8	GB/T93	5 Washer,lock	5	
9	A30A5-30002	Packing	1	
10	A45L5-30100	Plate	1	FD40,45,50-YC4/LT1/W4
–	A45S5-30100	Plate	1	FD40,45,50-P1
11	A50A5-30001	Packing	1	
12	A45L5-30300	Sedimenter	1	FD40,45,50-YC4/LT1/W4
–	A45D5-30100	Sedimenter	1	FD40,45,50-P1
13	TG000-08160	8×1600 Tube	1	
14	GB/T5783	M8×20 Bolt	12	
15	GB/T93	8 Washer,Lock	12	
16	GB/T97.1	8 Washer	12	
17	A45A5-30001	Z1/8 " Breathable stopper	1	
18	A30A5-30400	Fuel	1	
19	A45A4-50001	Magnet	4	
20	A45L5-30003	Sedimenter bracket	1	FD40,45,50-YC4/LT1/W4
–	A45S5-30001	Sedimenter bracket	1	FD40,45,50-P1
21	GB/T5787	M8×16 Bolt	8	
22	GJT-510-00	Straight coupling	2	FD40,45,50-P1

Fuel system

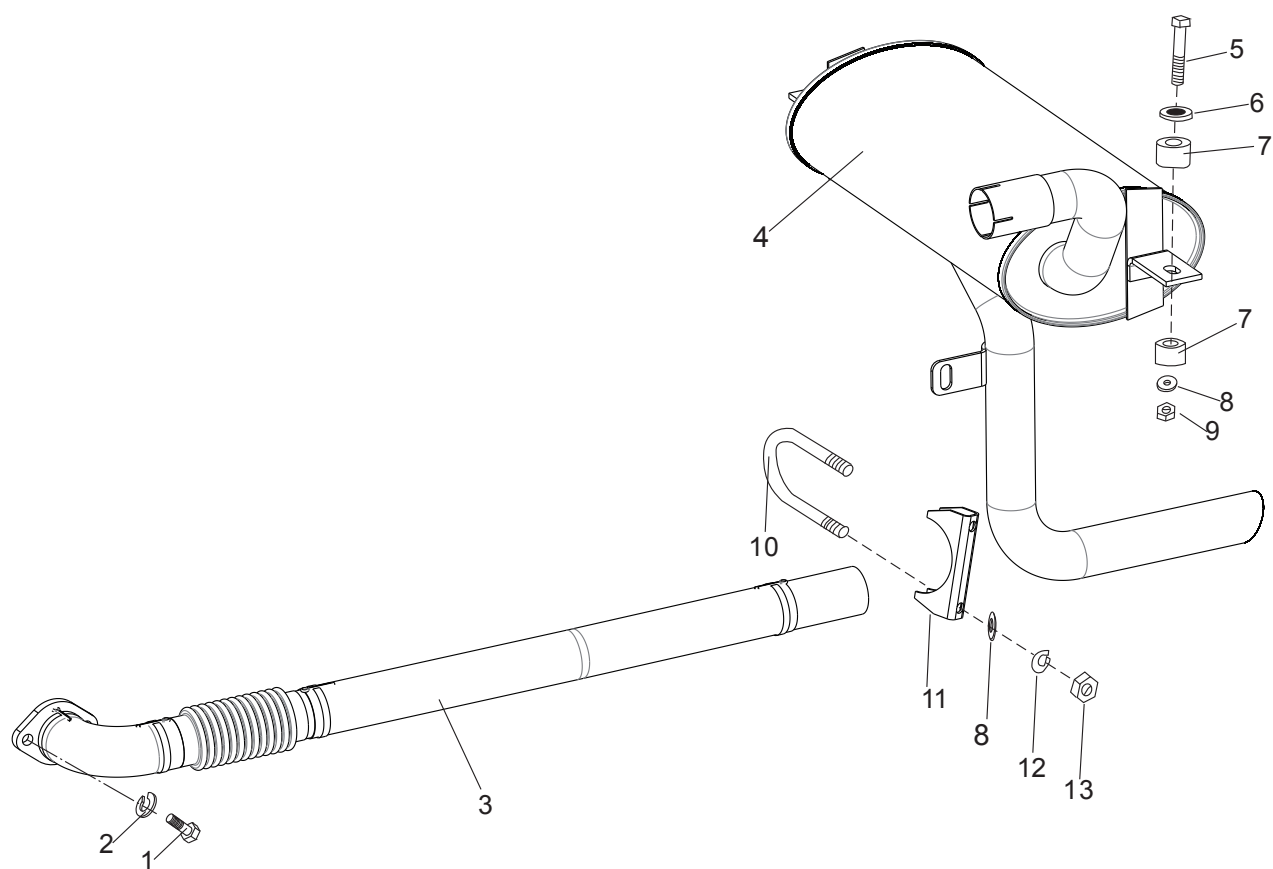
FD40,45,50-KMS5



Fuel system FD40,45,50-KMS5

Item	Part No	Description	Q'ty	Remark
1	A30A5-30100	Cap	1	
2	A30A4-50002	Plug,drain	1	
3	A30A4-50004	26 Washer	1	
4	A45P5-30003	A Tube	1	
5	8JA08-01606	16×10 Clip	1	
6	A45P5-30006	Tube	1	
7	GB/T818	M5×12 Bolt	5	
8	GB/T93	5 Washer,lock	5	
9	A30A5-30002	Packing	1	
10	A45P5-30100	Plate	1	
11	A50A5-30001	Packing	1	
12	A45P5-30200	I Fuel filter	1	
13	A45P5-30002	Filtration joint	2	
14	A45P5-30004	B Tube	1	
15	A45P5-30001	Fuel filter bracket	1	
16	GB/T5783	M8×20 Bolt	4	
17	GB/T93	8 Washer,Lock	7	
18	GB/T97.1	8 Washer	7	
19	GB/T5783	M8×25 Bolt	3	
20	A45P5-30300	II Fuel filter	1	
21	A45P5-30005	C Tube	1	
22	A45A5-30001	Z1/8 " Breathable stopper	1	
23	A30A5-30400	Fuel	1	
24	GB/T5787	M8×16 Bolt	8	
25	A45A4-50001	Magnet	4	

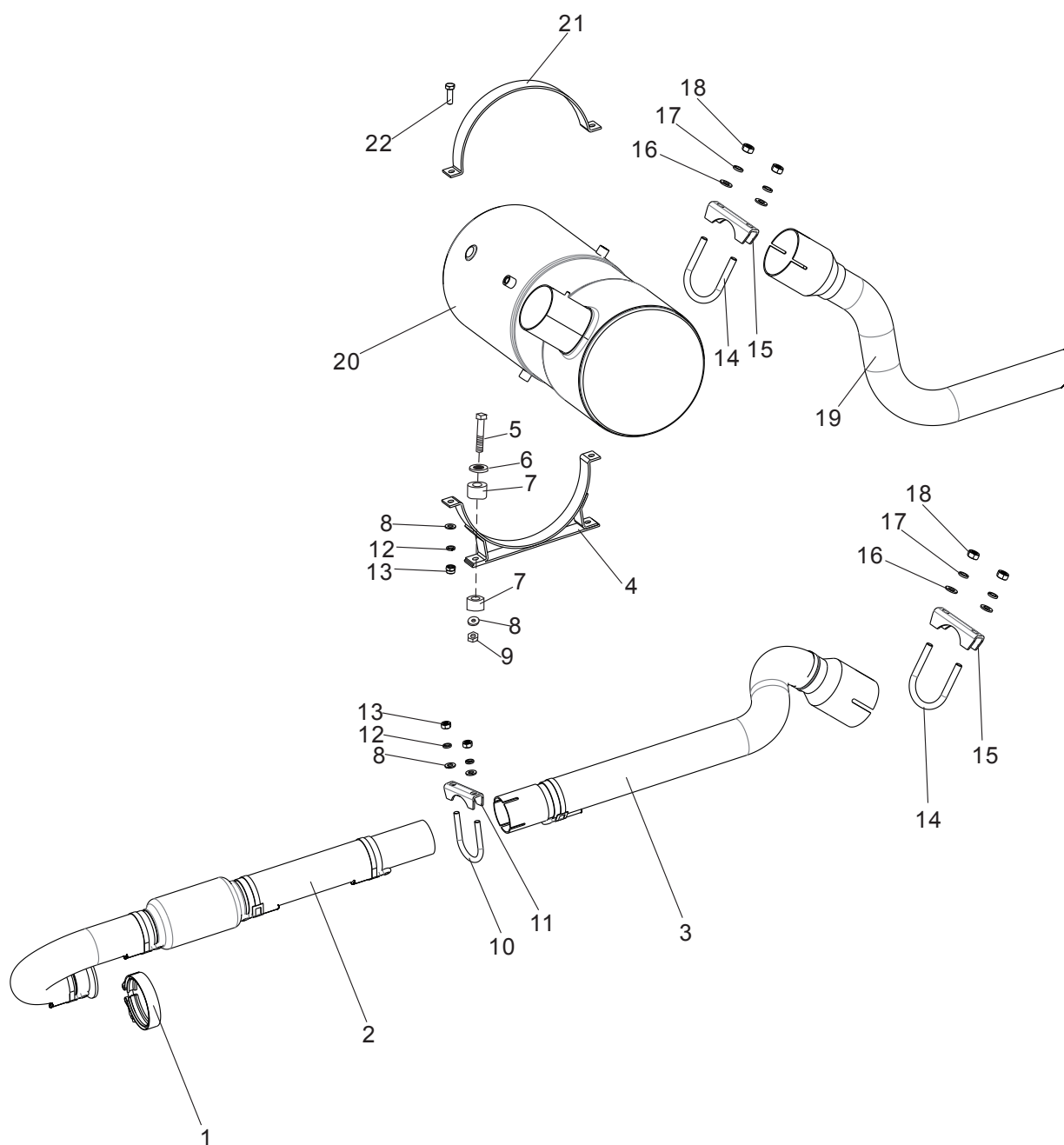
Exhaust system FD40,45,50-YC4/LT1/P1



Exhaust system FD40,45,50-YC4/LT1/P1

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M10×25 Bolt	2	FD40,45,50-YC4
–	GB/T5783	M10×25 Bolt	3	FD40,45,50-LT1/P1
2	GB/T93	10 Washer,lock	2	FD40,45,50-YC4
–	GB/T93	10 Washer,lock	3	FD40,45,50-LT1/P1
3	A45L5-20100	Pipe	1	FD40,45,50-YC4
–	A45Q5-20100	Pipe	1	FD40,45,50-LT1
–	A45S5-20100	Pipe	1	FD40,45B-P1
4	A45L5-20200	Muffler	1	
5	A30A5-20002	Bolt	2	
6	A30A5-20003	Plate	2	
7	A30A5-20001	Rubber	4	
8	GB/T97.1	8 Washer	4	
9	GB/T889.1	M8 Nut	2	
10	A50A5-20202	U-Bolt	1	
11	A50A5-20201	Stopper	1	
12	GB/T93	8 Washer, lock	2	
13	GB/T6170	M8 Nut	2	

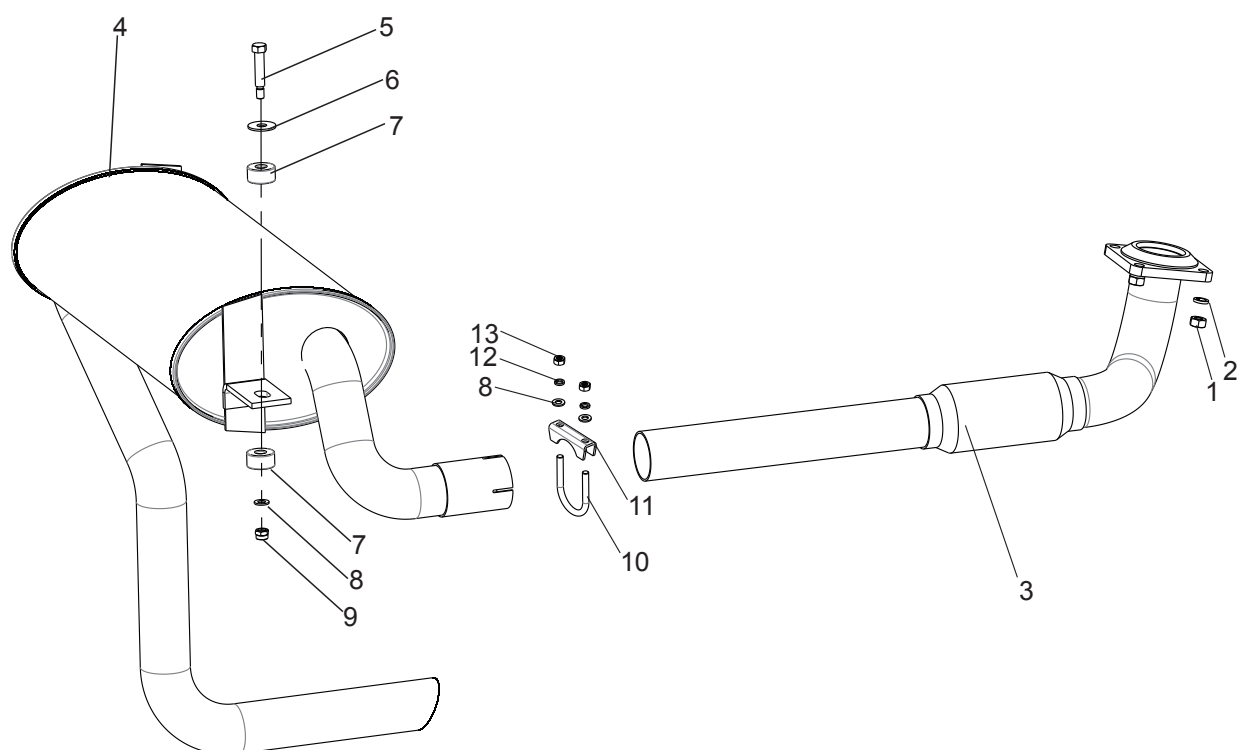
Exhaust system FD40,45,50-KMS5



Exhaust system FD40,45,50-KMS5

Item	Part No	Description	Q'ty	Remark
1	A120A5-20001	Clamp	1	
2	A45P5-20001	Pipe	1	
3	A45P5-20002	Pipe	1	
4	A45P5-20004	Fixed seat	1	
5	A30A5-20002	Bolt	2	
6	A30A5-20003	Plate	2	
7	A30A5-20001	Rubber	4	
8	GB/T97.1	8 Washer	10	
9	GB/T889.1	M8 Nut	2	
10	A30A5-20201	U-Bolt	1	
11	A30A5-20202	Stopper	1	
12	GB/T93	8 Washer, lock	6	
13	GB/T6170	M8 Nut	6	
14	A120A5-20202	U-Bolt	2	
15	A120A5-20201	U-Stopper	2	
16	GB/T97.1	10 Washer	4	
17	GB/T93	10 Washer, lock	4	
18	GB/T6170	M10 Nut	4	
19	A45P5-20003	Pipe	1	
20	A45P5-20100	Processor	1	
21	A45P5-20005	Fixing band	1	
22	GB/T5783	M8×25 Bolt	4	

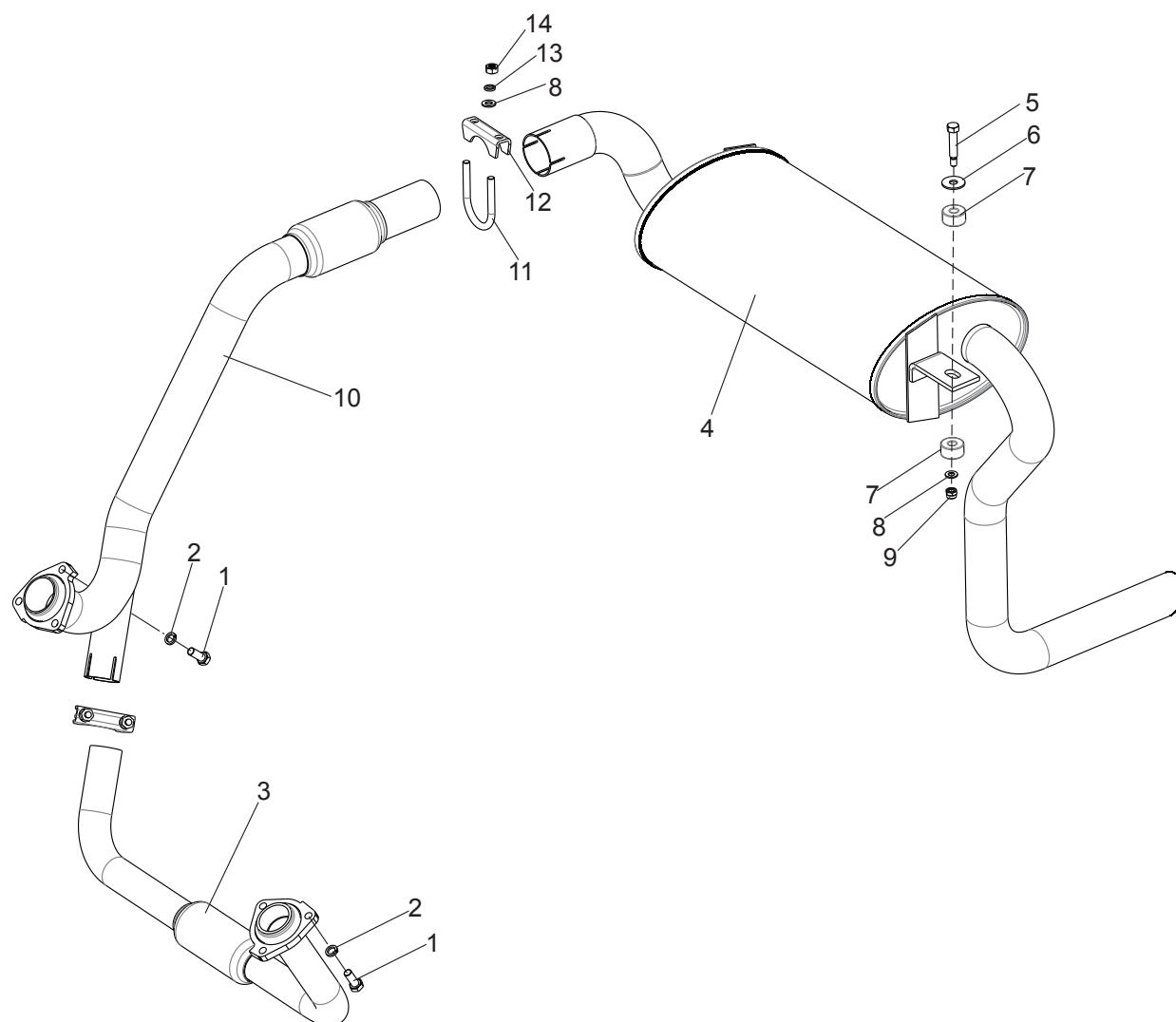
Exhaust system FD40,45,50-W4



Exhaust system FD40,45,50-W4

Item	Part No	Description	Q'ty	Remark
1	GB/T6170	M10×1.25 Nut	2	
2	GB/T93	10 Washer,lock	2	
3	A45R5-20100	Pipe	1	
4	A45R5-20200	Muffler	1	
5	A30A5-20002	Bolt	2	
6	A30A5-20003	Plate	2	
7	A30A5-20001	Rubber	4	
8	GB/T97.1	8 Washer	4	
9	GB/T889.1	M8 Nut	2	
10	A50A5-20202	U-Bolt	1	
11	A50A5-20201	Stopper	1	
12	GB/T93	8 Washer, lock	2	
13	GB/T6170	M8 Nut	2	

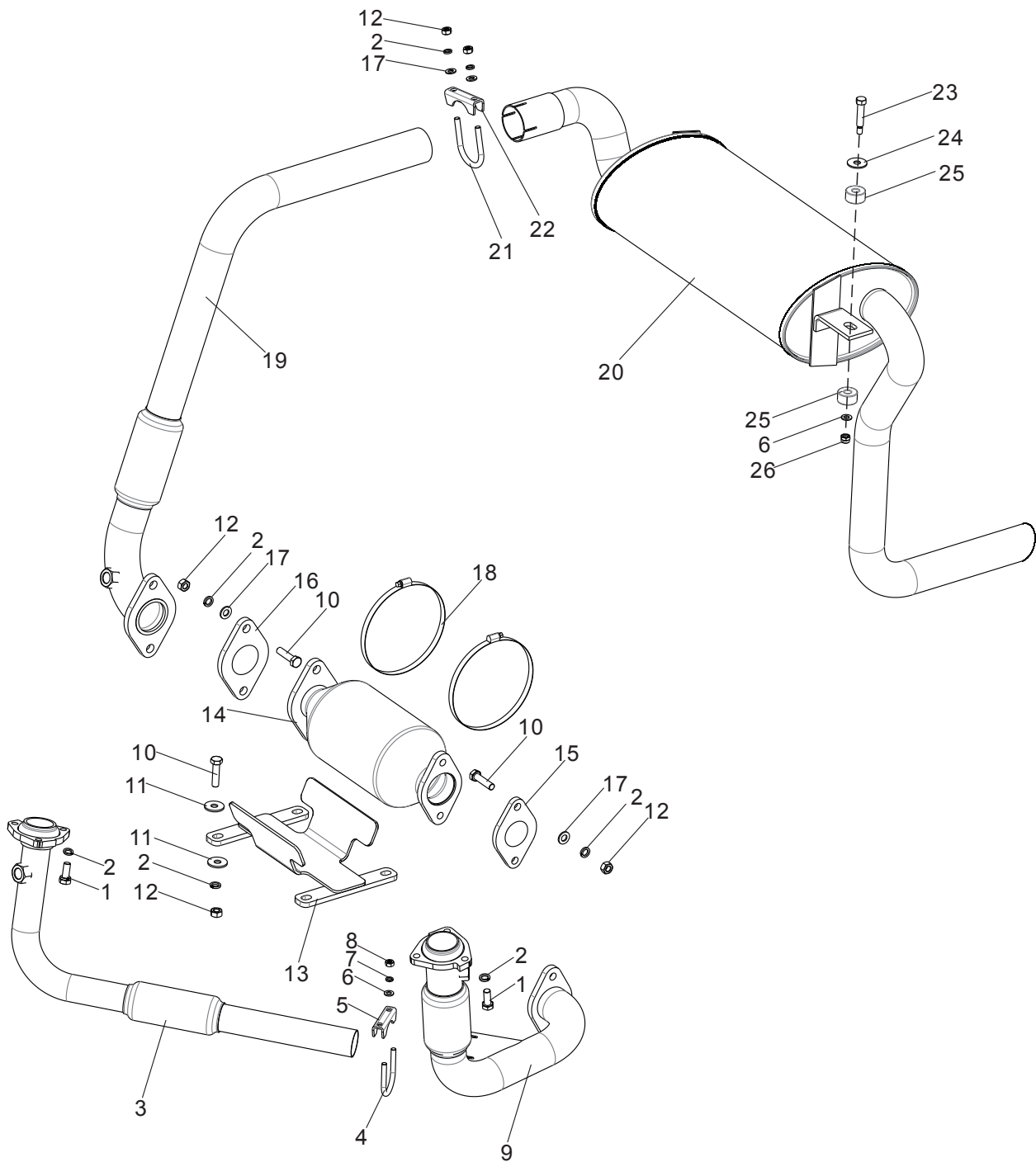
Exhaust system FY40,45,50-G3



Exhaust system FY40,45,50-G3

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M10×25 Nut	6	
2	GB/T93	10 Washer,lock	6	
3	A45M5-20100	Pipe	1	
4	A45M5-20200	Muffler	1	
5	A30A5-20002	Bolt	3	
6	A30A5-20003	Plate	3	
7	A30A5-20001	Rubber	6	
8	GB/T97.1	8 Washer	10	
9	GB/T889.1	M8 Nut	3	
10	A45M5-20300	Pipe	1	
11	A30A5-20201	U-Bolt	2	
12	A30A5-20202	Stopper	2	
13	GB/T93	8 Washer, lock	4	
14	GB/T6170	M8 Nut	4	

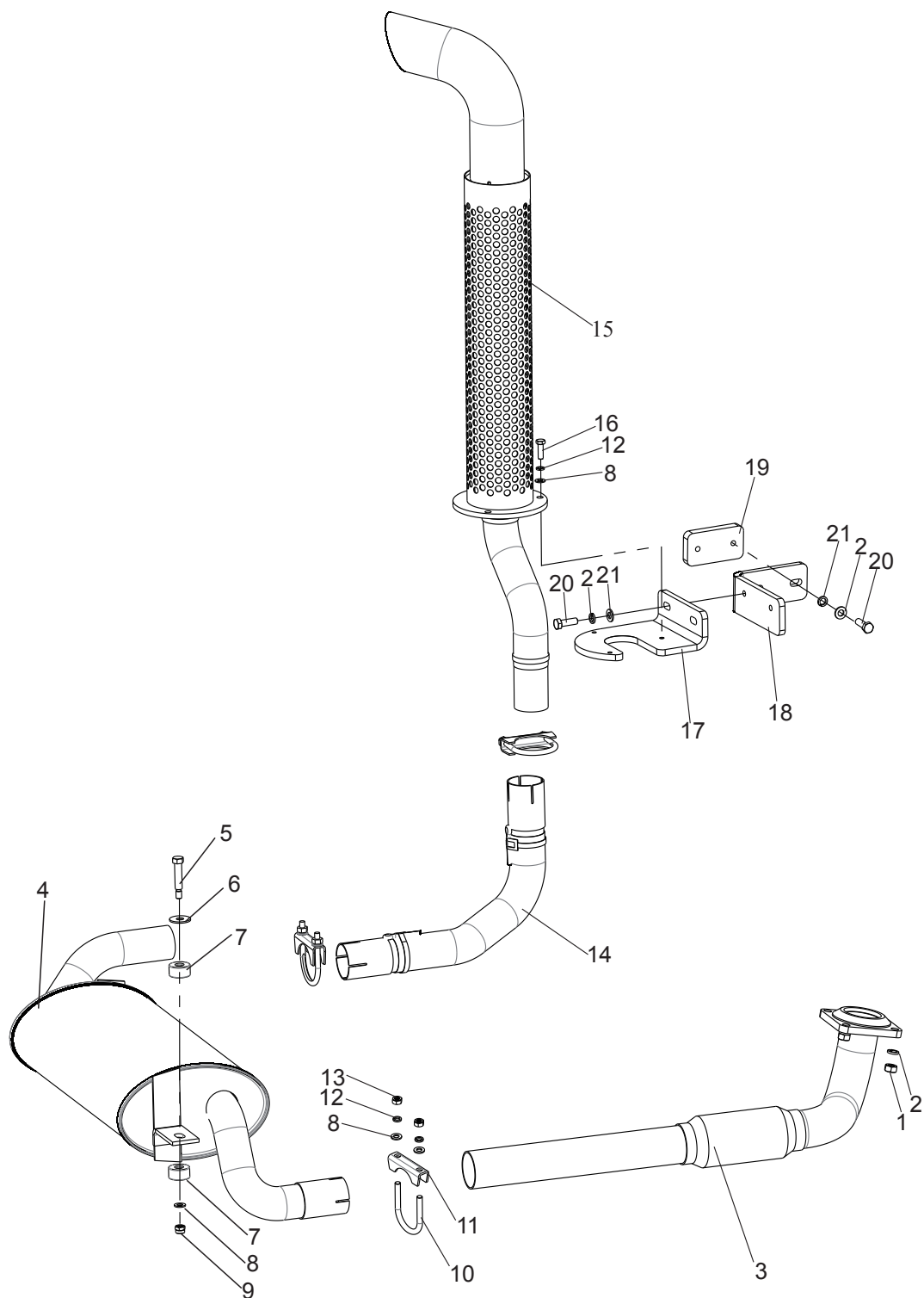
Exhaust system FY40,45,50-G4



Exhaust system FY40,45,50-G4

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M10×25 Nut	6	
2	GB/T93	10 Washer,lock	14	
3	A45N5-20100	Pipe	1	
4	A30A5-20201	U-Bolt	1	
5	A30A5-20202	Stopper	1	
6	GB/T97.1	8 Washer	2	
7	GB/T93	8 Washer, lock	2	
8	GB/T6170	M8 Nut	2	
9	A45N5-20200	Pipe	1	
10	GB/T5783	M10×40 Nut	10	
11	GB/T96	10 Washer	8	
12	GB/T6170	M10 Nut	10	
13	A45N5-20400	Catalyst fixed plate	1	
14		Three-way catalytic converter	1	
15	A50I5-20001	Plate	1	
16	A50I5-20002	Plate	1	
17	GB/T97.1	10 Washer	6	
18	8JA08-15020	150×130 Clip	2	
19	A45N5-20300	Pipe	1	
20	A45M5-20200	Muffler	1	
21	A50A5-20202	U-Bolt	1	
22	A50A5-20201	Stopper	1	
23	A30A5-20002	Bolt	3	
24	A30A5-20003	Plate	3	
25	A30A5-20001	Rubber	6	
26	GB/T889.1	M8 Nut	3	

High exhaust system FD40,45,50-W4

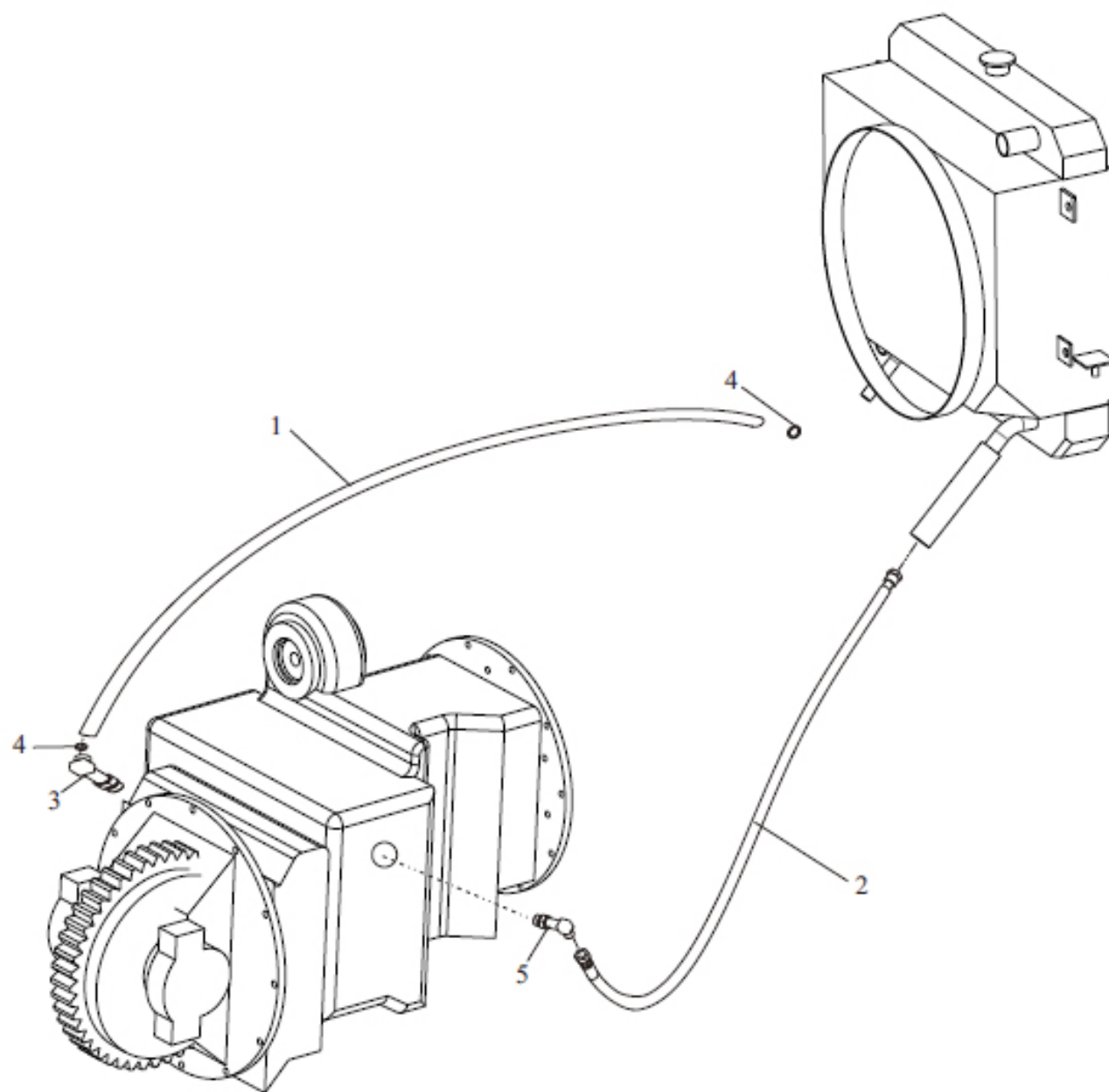


High exhaust system FD40,45,50-W4

Item	Part No	Description	Q'ty	Remark
1	GB/T6170	M10×1.25 Nut	2	
2	GB/T93	10 Washer,lock	6	
3	A45R5-20100	Pipe	1	
4	A45R5-20300	Muffler	1	
5	A30A5-20002	Bolt	2	
6	A30A5-20003	Plate	2	
7	A30A5-20001	Rubber	4	
8	GB/T97.1	8 Washer	11	
9	GB/T889.1	M8 Nut	2	
10	A50A5-20202	U-Bolt	3	
11	A50A5-20201	Stopper	3	
12	GB/T93	8 Washer, lock	9	
13	GB/T6170	M8 Nut	6	
14	A45R5-20400	Pipe	1	
15	A45R5-20500	High exhaust pipe	1	
16	GB/T5783	M8×25 Nut	3	
17	A45R5-20602	Pipe support	1	
18	A45R5-20601	Stopper	1	
19	A45I5-20611	Board	1	
20	GB/T5783	M10×30 Nut	4	
21	GB/T97.1		4	

Tor-xon oil cooling system

FD40,45,50-YC4/LT1/P1/W4
FY40,45,50-G3/G4

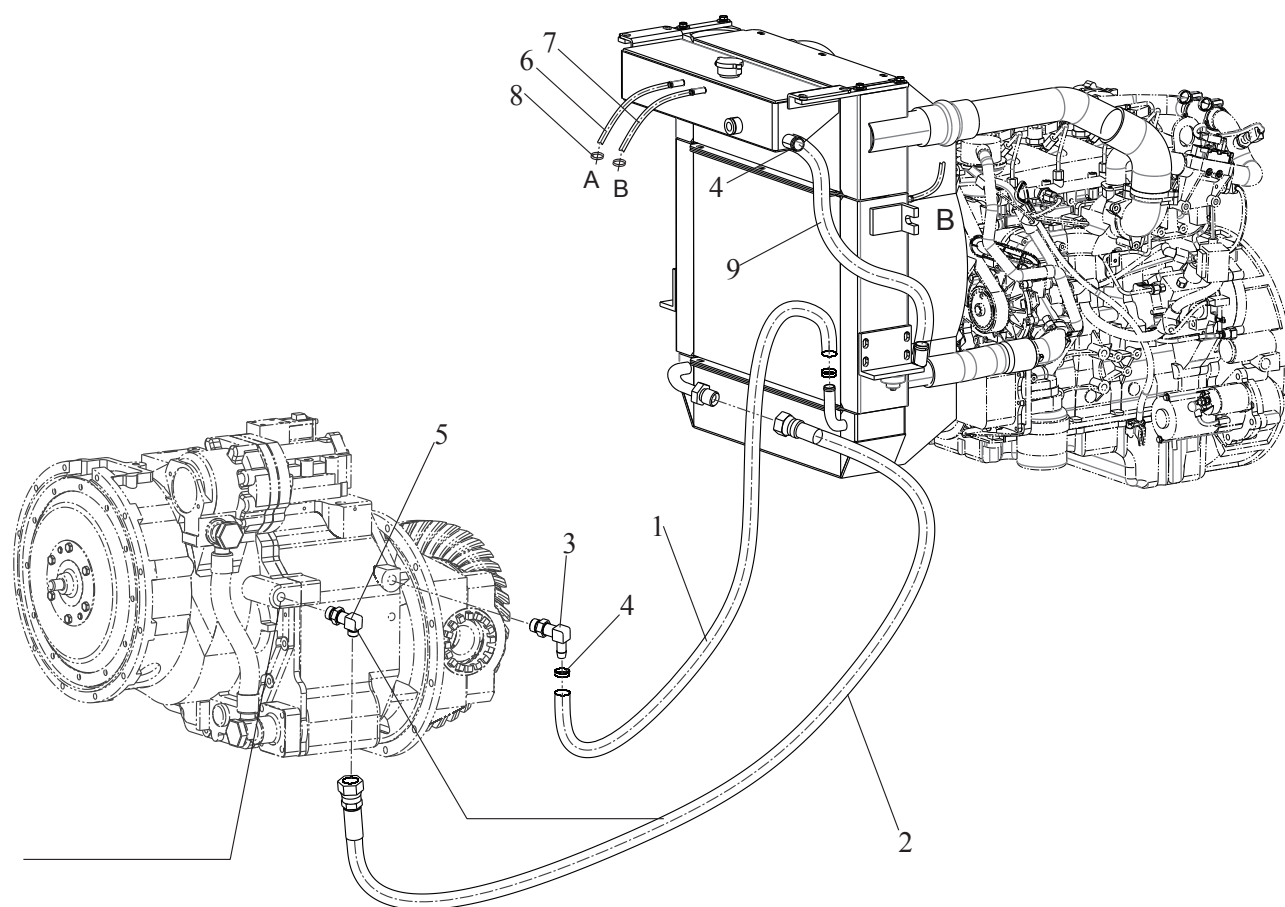


Tor-xon oil cooling system

FD40,45,50-YC4/LT1/P1/W4
FY40,45,50-G3/G4

Item	Part No	Description	Q'ty	Remark
1	TG000-19200	19×2000 Hose	1	FD40,45,50-YC4/LT1/P1/W4 FY40,45,50-G3/G4
2	TGIBI-19180*G	19I×1800 Hose H.P	1	
–	TGIBI-19143*G	19I×1430 Hose H.P	1	
3	GJT-104-00	Connector	1	
4	8JA08-04015	40×25 Clip	2	
5	GJT-374-00	Connector	1	

Tor-xon oil cooling system FD40,45,50-KMS5

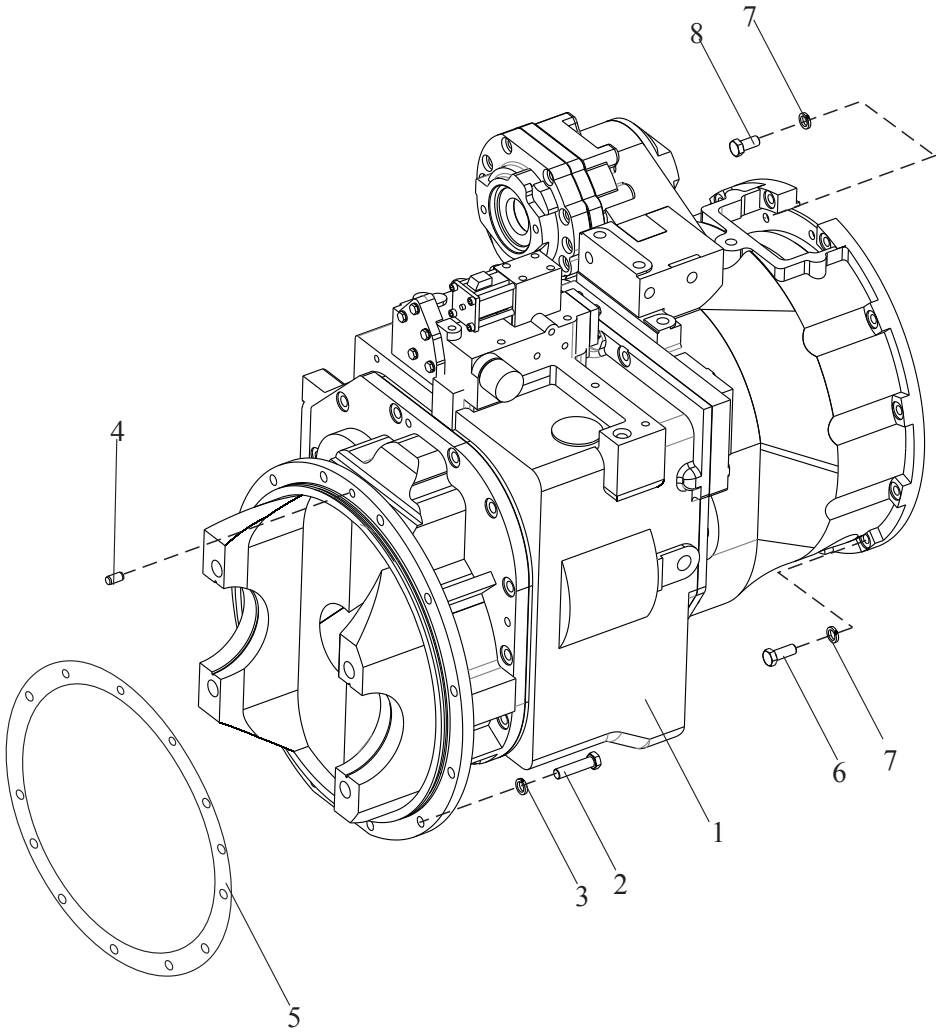


Tor-xon oil cooling system FD40,45,50-KMS5

Item	Part No	Description	Q'ty	Remark
1	TG000-19190	19×1900 Hose	1	
2	TGIBI-19180	19I×1800 Hose H.P	1	
3	GJT-104-00	Connector	1	
4	8JA08-04015	40×25 Clip	4	
5	GJT-374-00	Connector	1	
6	TG000-08090	8×900 Hose	1	
7	TG000-08080	8×800 Hose	1	
8	8JA08-02008	20×12 Clip	2	
9	TG000-25060	25×600 Hose	1	

DRIVING SYSTEM

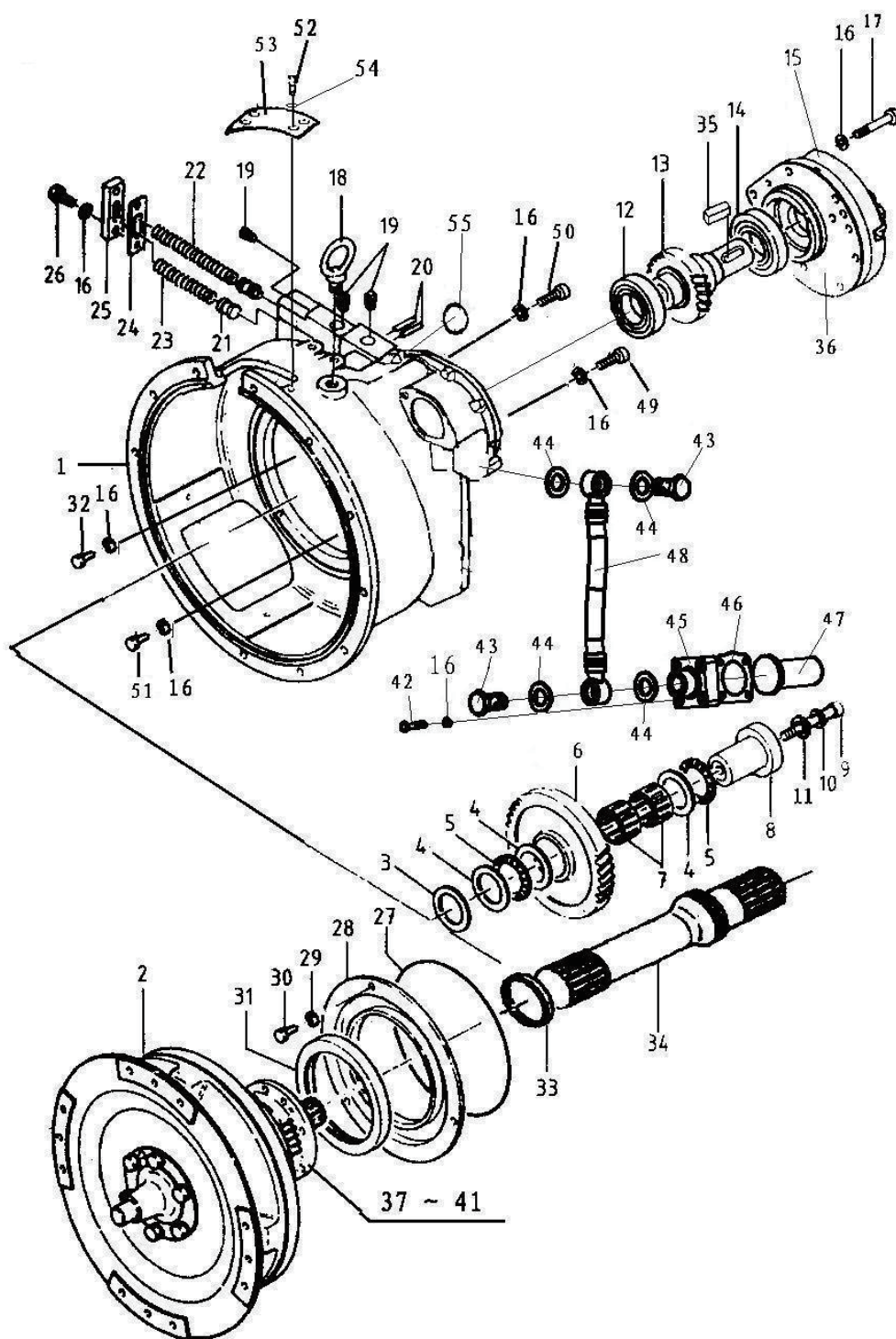
Drive unit mount



Drive unit mount

Item	Part No	Description	Q'ty	Remark
1	A45A5-00300	Drive unit	1	FD40,45,50-YC4/LT1
—	A45A5-00400	Drive unit	1	FD40,45,50-YC4/LT1
—	A45D5-00100	Drive unit	1	FD40,45,50-P1
—	A45D5-00200	Drive unit	1	FD40,45,50-P1
—	A45F5-00300	Drive unit	1	FD40,45,50-W4
—	A45F5-00400	Drive unit	1	FD40,45,50-W4
—	A45P5-00200	Drive unit	1	FD40,45,50-KMS5
—	A45P5-00100	Drive unit	1	FD40,45,50-KMS5
—	A45M5-00400	Drive unit	1	FY40,45,50-G3/G4
—	A45M5-00100	Drive unit	1	FY40,45,50-G3/G4
2	GB/T5786	M12×1.25×40 Bolt	12	
3	GB/T93	12 Washer, lock	12	
4	GB/T119.1	10×20 Pin	1	
5	A30A5-02001	Packing	1	
6	GB/T5783	M10×35 Bolt	12	
7	GB/T93	10 Washer, lock	26	
8	GB/T5783	M10×25 Bolt	14	

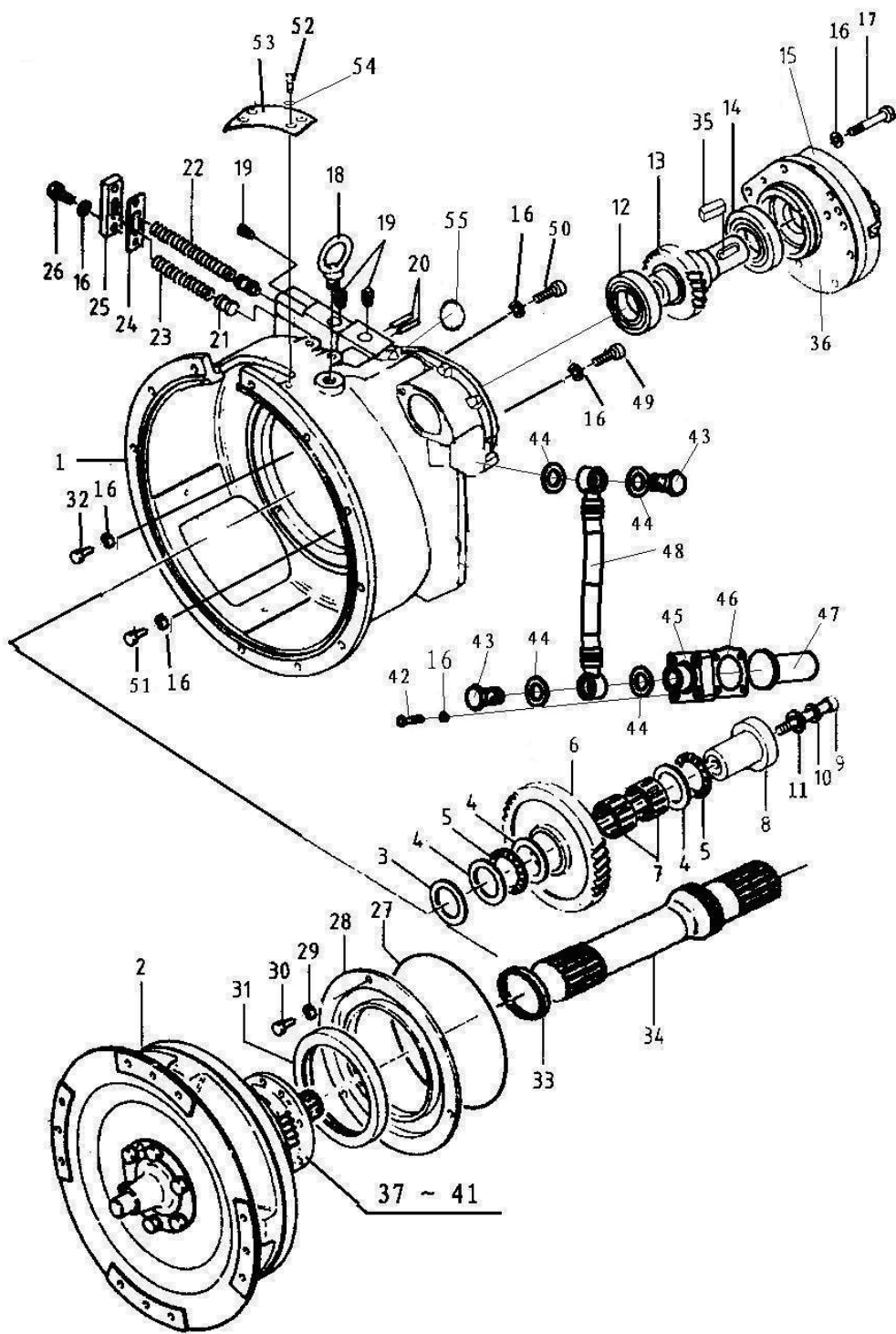
Drive unit



Drive unit

Item	Part No	Description	Q'ty	Remark
1	A45A5-00401	Case, tor-con	1	FD40,45,50-YC4/LT1 FD40,45,50-P1 FD40,45,50-W4 FD40,45,50-KMS5 FY40,45,50-G3/G4
2	A45A5-00402	Tor-xon	1	
—	A45D5-00201	Tor-xon	1	
—	A45F5-00401	Tor-xon	1	
—	A45P5-00101	Tor-xon	1	
—	A45M5-00101	Tor-xon	1	
3	A45A5-00403	Adjusting pad	3/3	
4	GB/T4605	Thrust washer	3	
5	GB/T4605	Bearing	2	
6	A45A5-00404	Idler wheel	1	
7	GB/T7918	Bearing	2	
8	A45A5-00405	Idler shaft	1	
9	GB/T5785	M10×1.25×105 Bolt	5	
10	GB/T93	10 Washer, lock	1	
11	GB/T97.2	10 Washer	1	
12	GB/T276	Bearing	1	
13	A45A5-00406	Pump drive gear	1	
14	GB/T276	Bearing	1	
15	A45A5-00430	Charging pump	1	
16	GB/T93	10 Washer, lock	29	
17	GB/T5785	M10×1.25×60 Bolt	7	
18	GB/T825	M16	3	
19	A45A5-00407	Plug	6	
20	GB/T119.1	8×20 Pin	2	
21	A45A5-00408	Spool valve	2	
22	A45A5-00409	Spring	1	

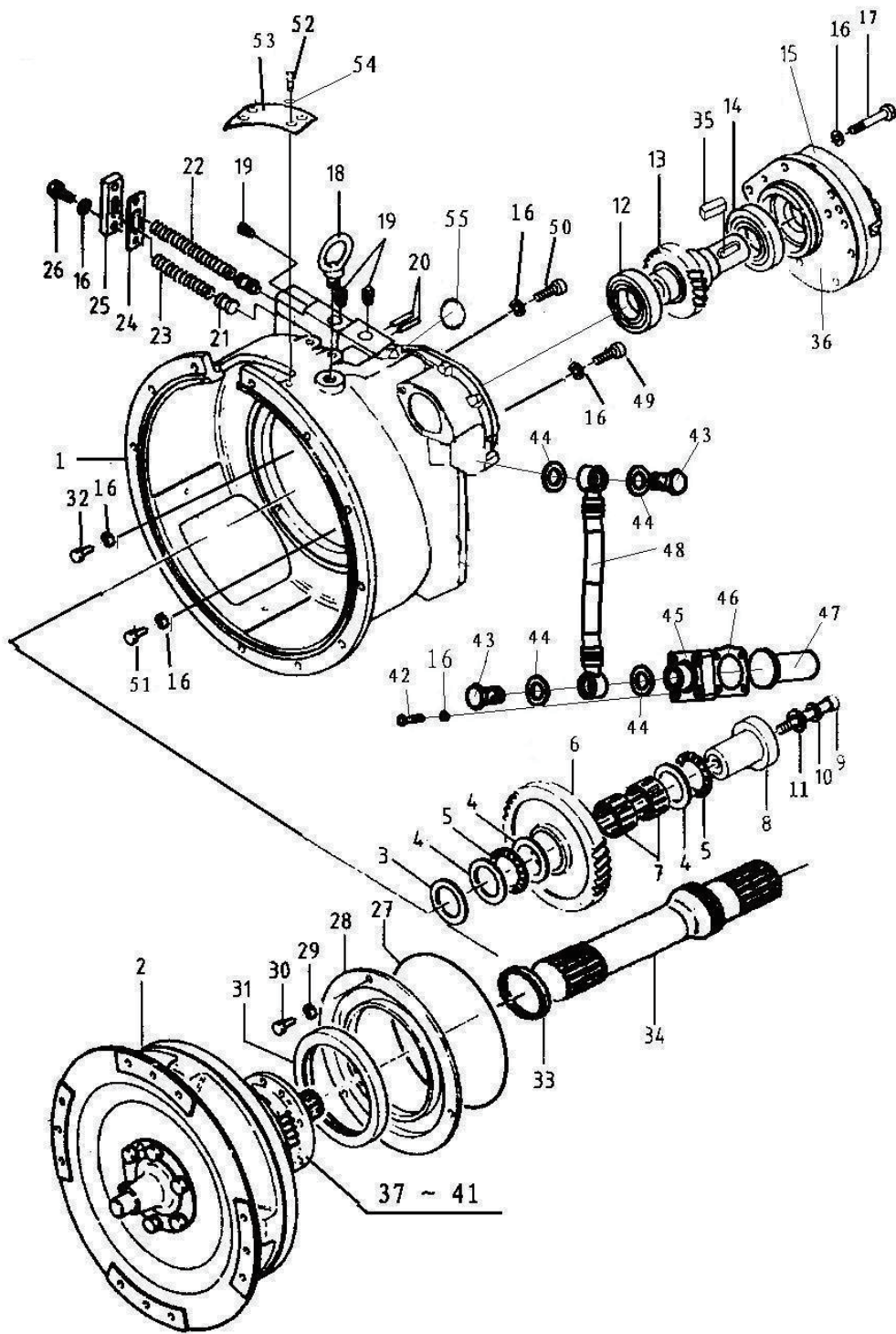
Drive unit



Drive unit

Item	Part No	Description	Q'ty	Remark
23	A45A5-00410	Spring	1	
24	A45A5-00411	Gasket	1	
25	A45A5-00412	Cover plate	1	
26	GB/T5786	M10×1.25×30 Bolt	2	
27	GB/T1235	220×5.7 O-ring	1	
28	A45A5-00413	Partition	1	
29	GB/T93	8 Washer, lock	3	
30	GB/T5783	M8×20 Bolt	3	
31	GB/T9877	130×160×12 Seal ring	1	
32	GB/T5786	M10×1.25×30 Bolt	9	
33	A45A5-00414	Seal ring	1	
34	A45A5-00415	Turbine shaft	1	
35	A45A5-00416	Key	1	
36	A45A5-00417	Oil pump gasket	1	
37	A45A5-00418	Base	1	
38	A45A5-00419	Gasket	1	
39	GB/T5783	M10×20 Bolt	6	
40	GB/T93	10 Washer, lock	6	
41	A45A5-00420	Gasket	1	
42	GB/T5785	M10×1.25×50 Bolt	4	
43	A45A5-00421	Bolt	2	
44	JB/T982	Combined sealing washer	4	
45	A45A5-00422	Oil filter base	1	
46	A45A5-00423	Primary filter	1	
47	A45A5-00424	Gasket	1	

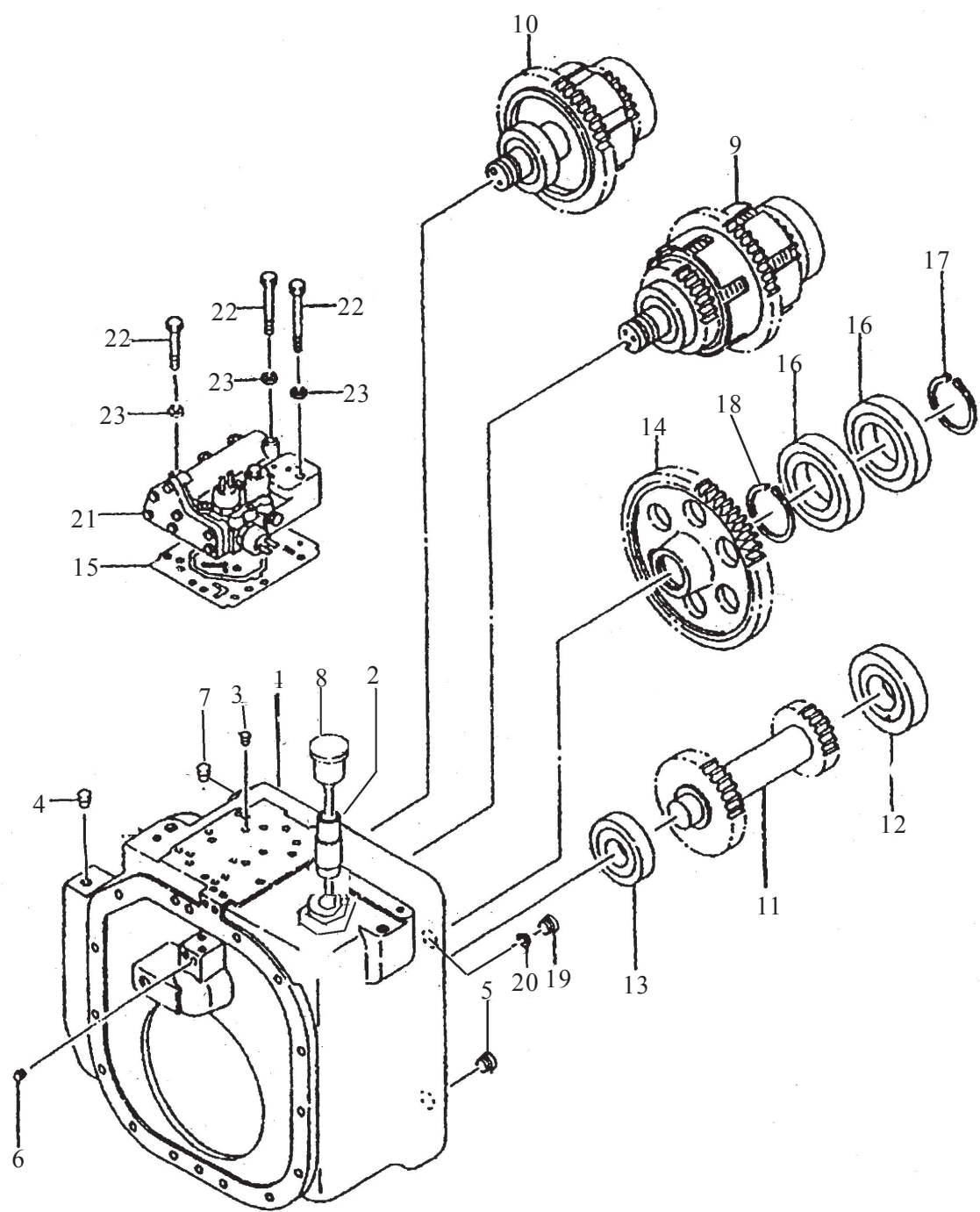
Drive unit



Drive unit

Item	Part No	Description	Q'ty	Remark
48	A45A5-00425	Tube ass'y	1	
49	GB/T5786	M10×1.25×30 Bolt	4	
50	GB/T5785	M10×1.25×80 Bolt	1	
51	GB/T5785	M10×1.25×50 Bolt	2	
52	GB/T5783	M16×25 Bolt	1	
53	A45A5-00426	Cover plate	1	
54	GB/T93	16 Washer, lock	1	
55	GB/T1235	16×2.4 O-ring	1	

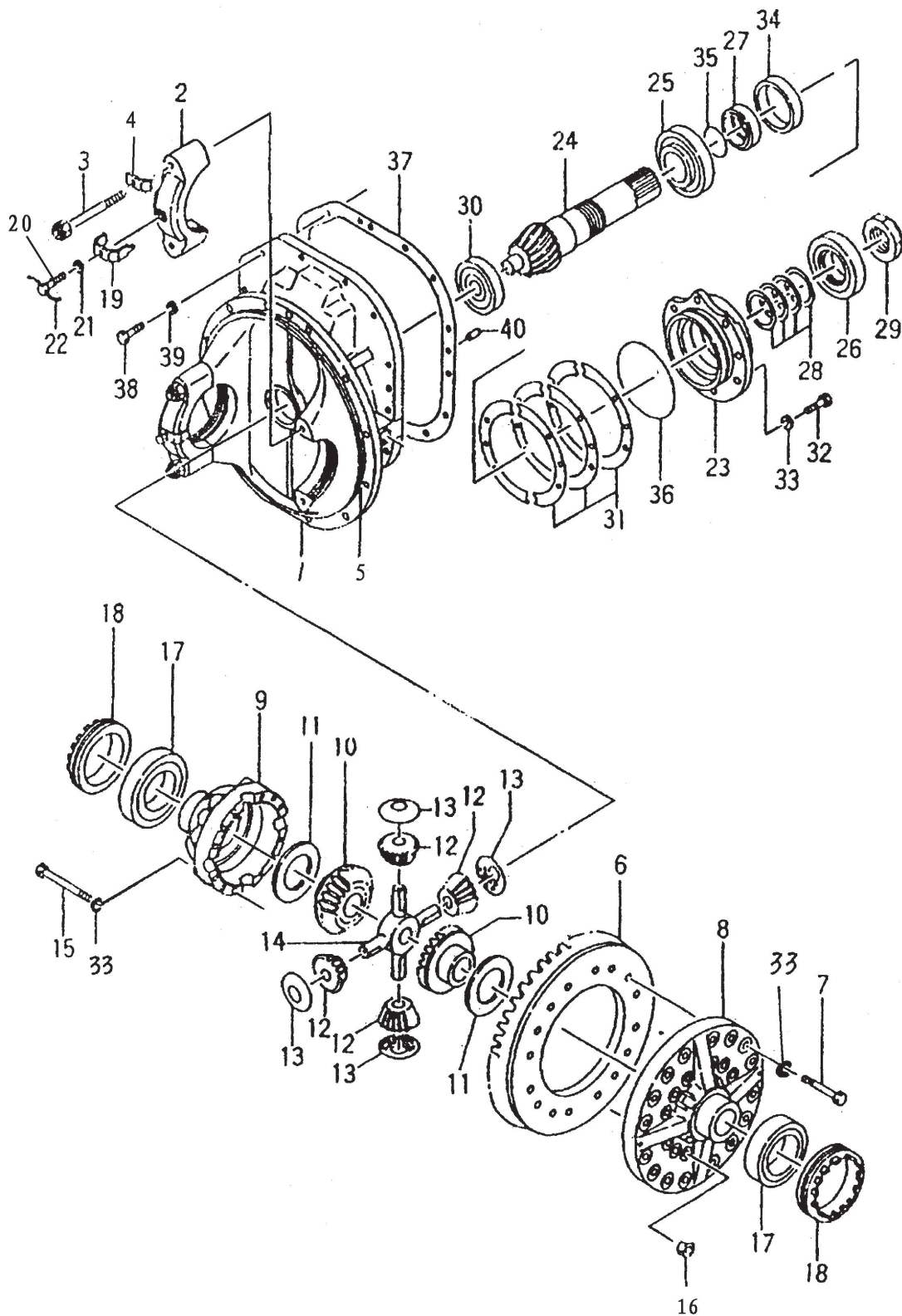
Transmission



Transmission

Item	Part No	Description	Q'ty	Remark
1	A45A5-00440	Gear-box	1	
2	A45A5-00441	Tube ass'y	1	
3	A45A5-00442	Throttling plug	1	
4	A45A5-00443	Plug	4	
5	A45A5-00444	Plug	2	
6	A45A5-00445	Plug	12	
7	A45A5-00446	Plastic plug	2	
8	A45A5-00447	Filler cap	1	
9	A45A5-00450	Two-way clutch ass'y	1	
10	A45A5-00460	One-way clutch ass'y	1	
11	A45A5-00448	Idler shaft	1	
12	GB/T276	6310 Bearing	1	
13	GB/T276	6308 Bearing	1	
14	A45A5-00449	Output gear	1	
15	A45A5-00451	Paper pad	1	
16	GB/T276	Bearing	2	
17	GB/T894.1	External Circlips	1	
18	GB/T893.1	Internal Circlips	1	
19	A45A5-00452	Plug	1	
20	A45A5-00453	22×17×1 Sealing ring	1	
21	A45A5-00301	Control valve ass'y	1	
—	A45A5-00454	Electro-hydraulic control valve	1	
22	GB/T5782	M8×65 Bolt	7	
23	GB/T93	8 Washer, lock	7	

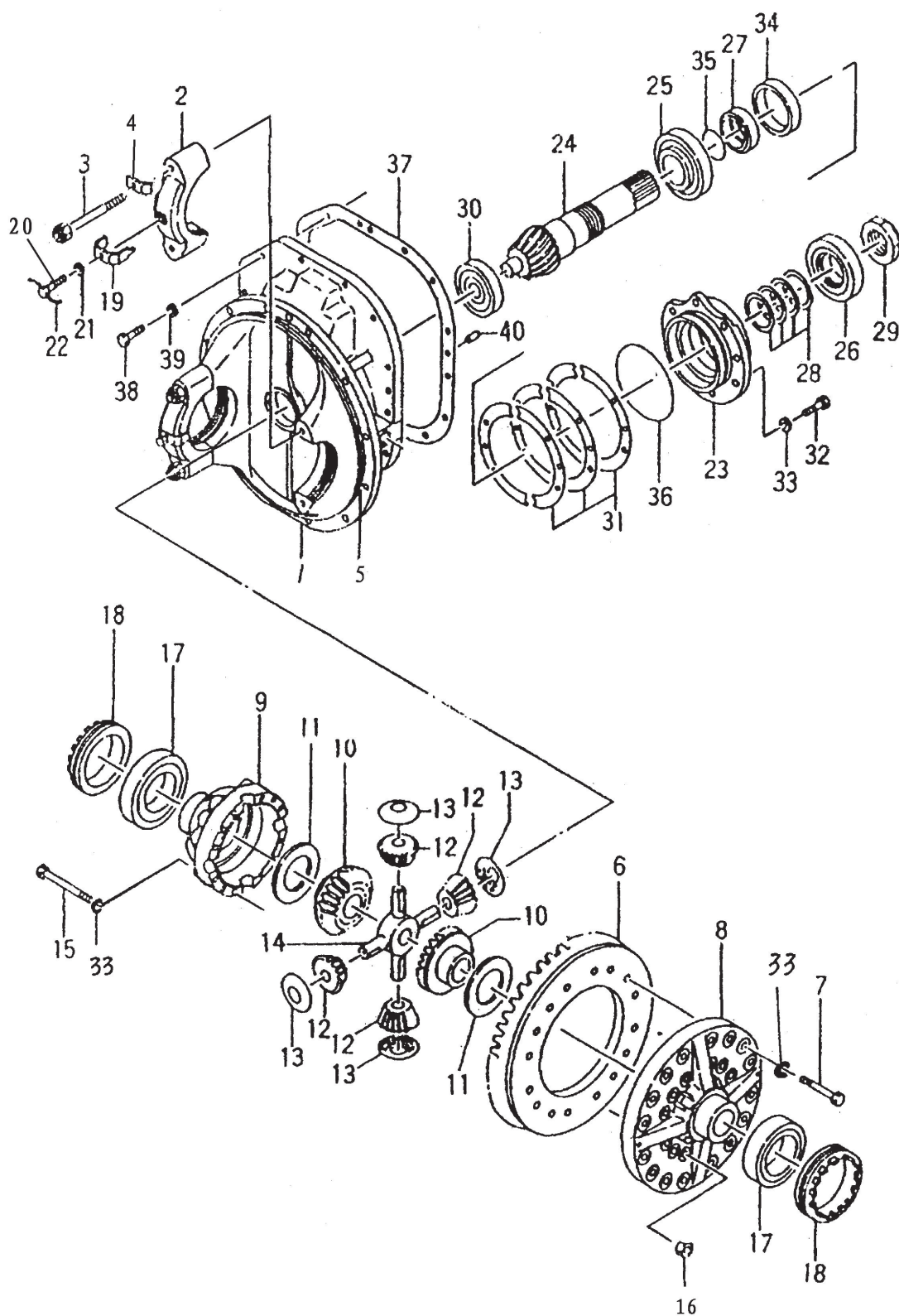
Differential



Differential

Item	Part No	Description	Q'ty	Remark
1	A45A5-00470-1	Differential plane	1	
2	A45A5-00470-2	Bearing cap	2	
3	A45A5-00470-3	Bolt	4	
4	A45A5-00470-4	Lock plate	4	
5	A45A5-00470-5	O-ring	1	
6	A45A5-00470-6	Bevel gear	1	
7	GB/T5785	M14×1.5×50 Bolt	16	
8	A45A5-00470-7	Left differential shell	1	
9	A45A5-00470-8	Right differential shell	1	
10	A45A5-00470-10	Axle shaft gear	2	
11	A45A5-00470-11	Washer	1/4×2	
12	A45A5-00470-12	Planetary gear	4	
13	A45A5-00470-13	Thrust washer	4	
14	A45A5-00470-14	Cross axle	1	
15	A45A5-00354	Bolt	12	
16	GB/T6171	M14×1.5 Nut	12	
17	GB/T297	Tapered roller bearing	2	
18	A45A5-00470-15	Adjusting nut	2	
19	A45A5-00470-16	Lock plate	2	
20	A45A5-00470-17	Bolt	2	
21	GB/T93	10 Washer, lock	2	
22	GB9972	Steel wire	2	
23	A45A5-00470-18	Bearing block	1	

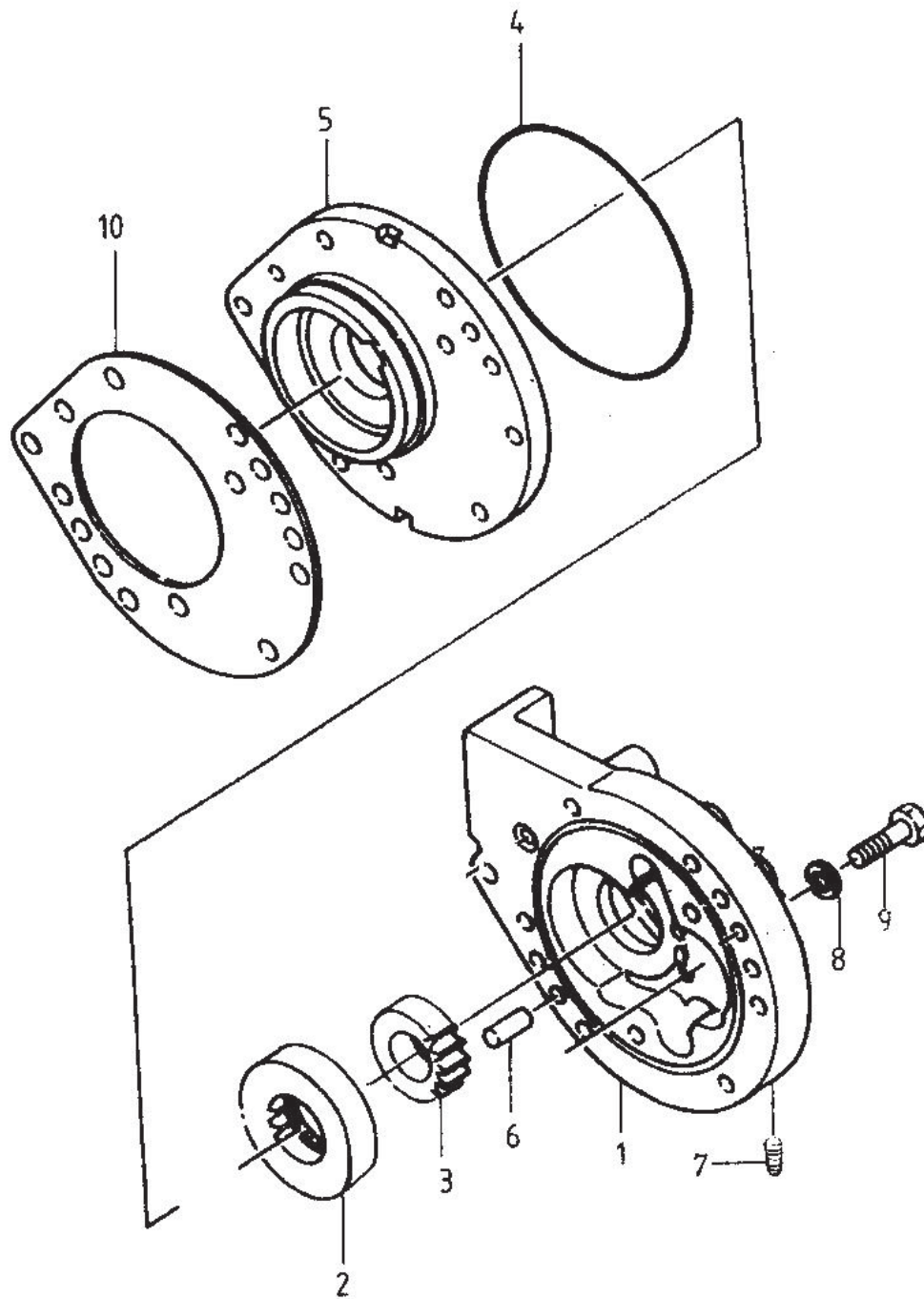
Differential



Differential

Item	Part No	Description	Q'ty	Remark
24	A45A5-00470-19	Output shaft	1	
25	GB/T297	31312 Tapered roller bearing	1	
26	GB/T297	31311 Tapered roller bearing	1	
27	A45A5-00470-20	Sleeve	1	
28	A45A5-00470-21	Adjustable pad	3/4	
29	A45A5-00470-22	Nut	1	
30	A45A5-00470-23	Cylindrical Roller	1	
31	A45A5-00470-24	Adjustable pad	3/3	
32	GB/T5786	M14×1.5×40 Bolt	6	
33	GB/T93	14 Washer, lock	34	
34	A45A5-00470-25	Two-way oil seal	1	
35	GB/T1235	60×3.1 Ring	1	
36	GB/T1235	150×3.1 Ring	1	
37	A45A5-00470-26	Paper pad	1	
38	GB/T5786	M12×1.25×35 Bolt	14	
39	GB/T93	12 Washer, lock	14	
40	GB/T119.1	8×20 Pin	2	

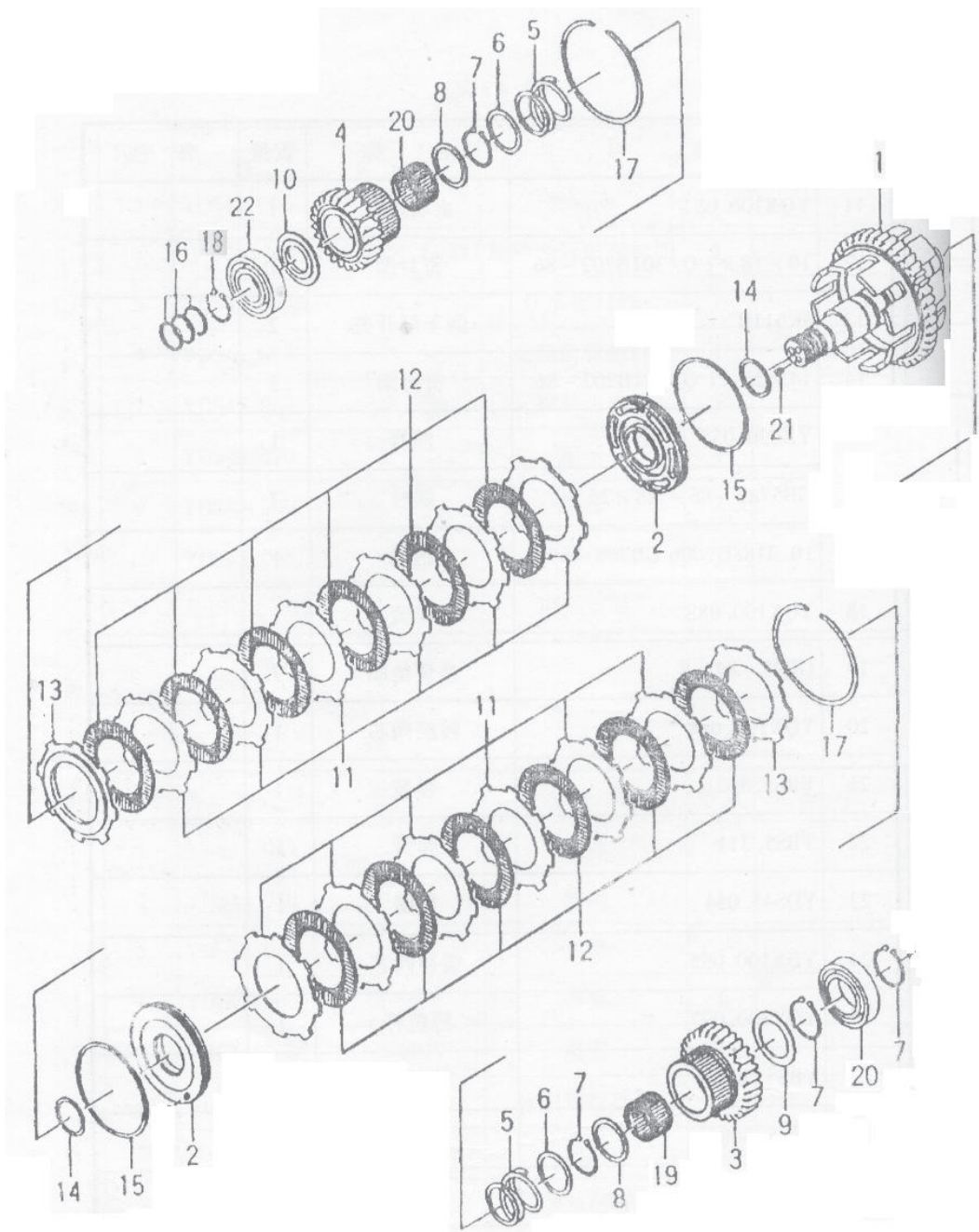
Oil pump ass'y



Oil pump ass'y

Item	Part No	Description	Q'ty	Remark
A	A45A5-00430	Oil Pump ass'y	1	
1	A45A5-00430-1	Case, Pump	1	
2	A45A5-00430-2	Oil pump gear	1	
3	A45A5-00430-3	Oil pume driven gear	1	
4	GB/T1235	145×3.1 O-ring	1	
5	A45A5-00430-4	Oil pump cover	1	
6	GB/T119.1	8×28 Pin	1	
7	A45A5-00430-5	Plug	2	
8	GB/T7244	12 Washer, lock	1	
9	GB/T5785	M10×1.25×40 Bolt	1	
10	A45A5-00430-6	Gasket	1	

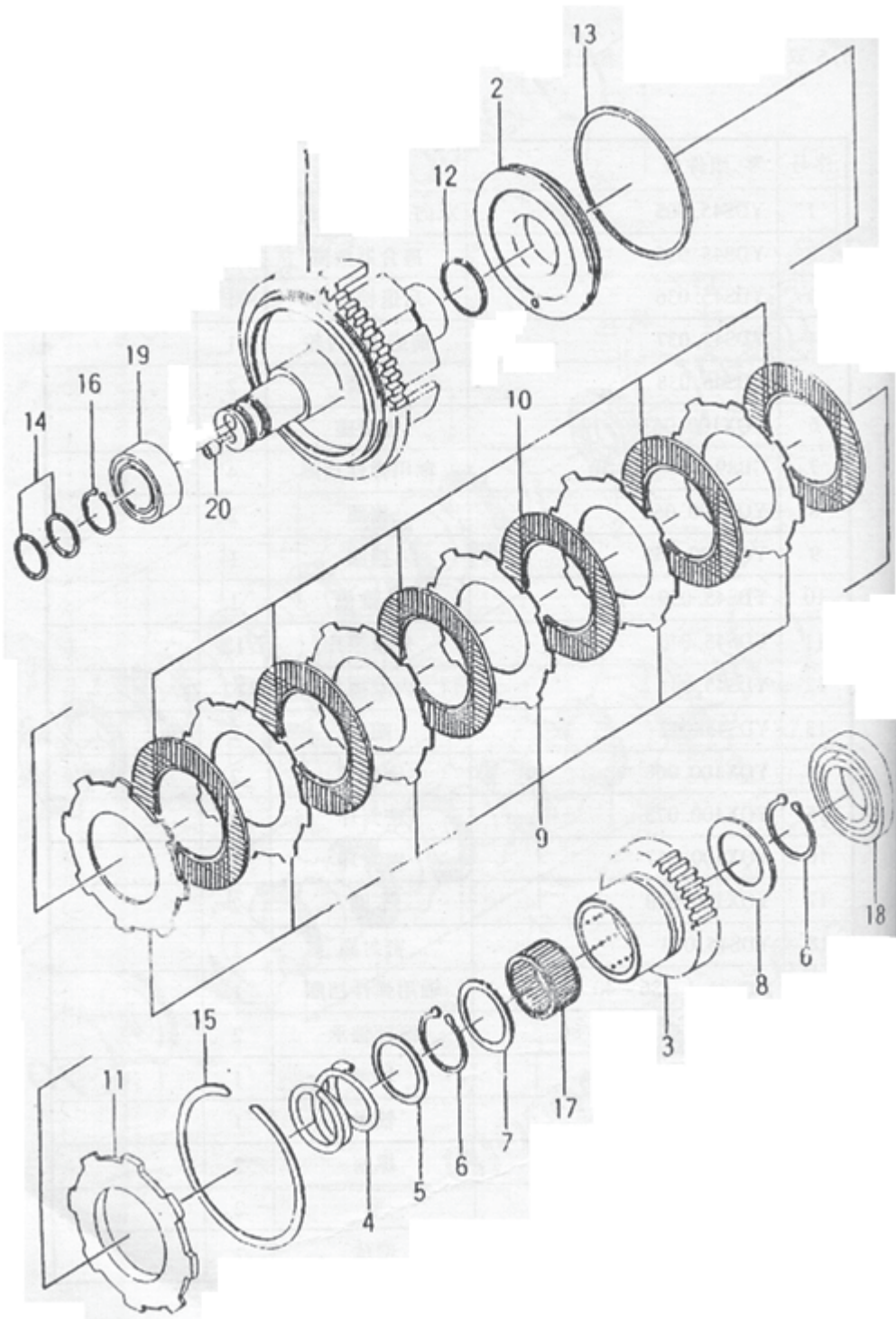
Two-way clutch



Two-way clutch

Item	Part No	Description	Q'ty	Remark
A	A45A5-00450	Two-way clutch ass'y	1	
1	A45A5-00450-1	Two-way clutch drum	1	
2	A45A5-00450-2	Piston ass'y	2	
3	A45A5-00450-3	Reverse gear	1	
4	A45A5-00450-4	Forward I gear	1	
5	A45A5-00450-5	spring, return	2	
6	A45A5-00450-6	Seat, spring	2	
7	GB/T894.1	External Circlips	4	
8	A45A5-00450-7	B Ring, thrust	2	
9	A45A5-00450-8	B Ring, thrust	1	
10	A45A5-00450-9	Thrust washer	1	
11	A45A5-00450-10	Outside friction disc	12	
12	A45A5-00450-11	Inner attrition piece	12	
13	A45A5-00450-12	End plate	1/11×2	
14	A45A5-00450-13	Ring ,seal	2	
15	A45A5-00450-14	Ring ,seal	2	
16	A45A5-00450-15	Ring , seal	3	
17	A45A5-00450-16	Circlip	2	
18	GB/T894.1	External Circlips	1	
19	GB/T5846	Bearing, needle	2	
20	GB/T276	6310 Bearing	1	
21	A45A5-00450-17	Plug	2	
22	GB/T276	6308 Bearing	1	

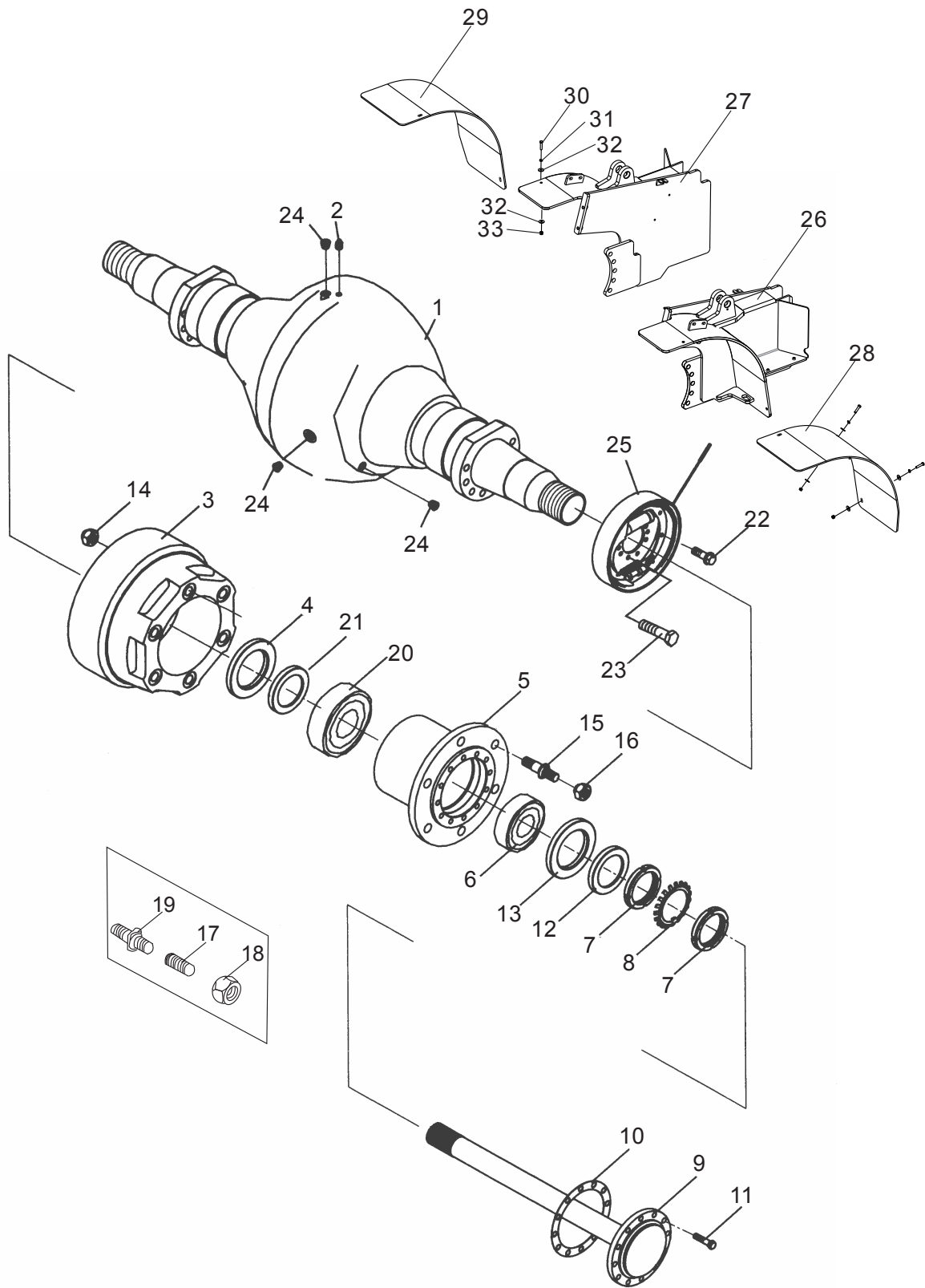
One-way clutch



One-way clutch

Item	Part No	Description	Q'ty	Remark
A	A45A5-00460	One-way clutch ass'y	1	
1	A45A5-00460-1	One-way clutch drum	1	
2	A45A5-00460-2	Piston ass'y	1	
3	A45A5-00460-3	Forward II gear	1	
4	A45A5-00460-4	spring, return	1	
5	A45A5-00460-5	Seat, spring	1	
6	GB/T894.1	External Circlips	2	
7	A45A5-00460-6	B Ring, thrust	1	
8	A45A5-00460-7	B Ring, thrust	1	
9	A45A5-00460-8	Outside friction disc	6	
10	A45A5-00460-9	Inner attrition piece	6	
11	A45A5-00460-10	End plate	1/11	
12	A45A5-00460-11	Ring ,seal	1	
13	A45A5-00460-12	Ring ,seal	1	
14	A45A5-00460-13	Ring , seal	2	
15	A45A5-00460-14	Circlip	1	
16	GB/T894.1	External Circlips	1	
17	GB/T5846	Bearing, needle	1	
18	GB/T276	6310 Bearing	1	
19	GB/T276	6308 Bearing	1	
20	A45A5-00460-15	Plug	1	

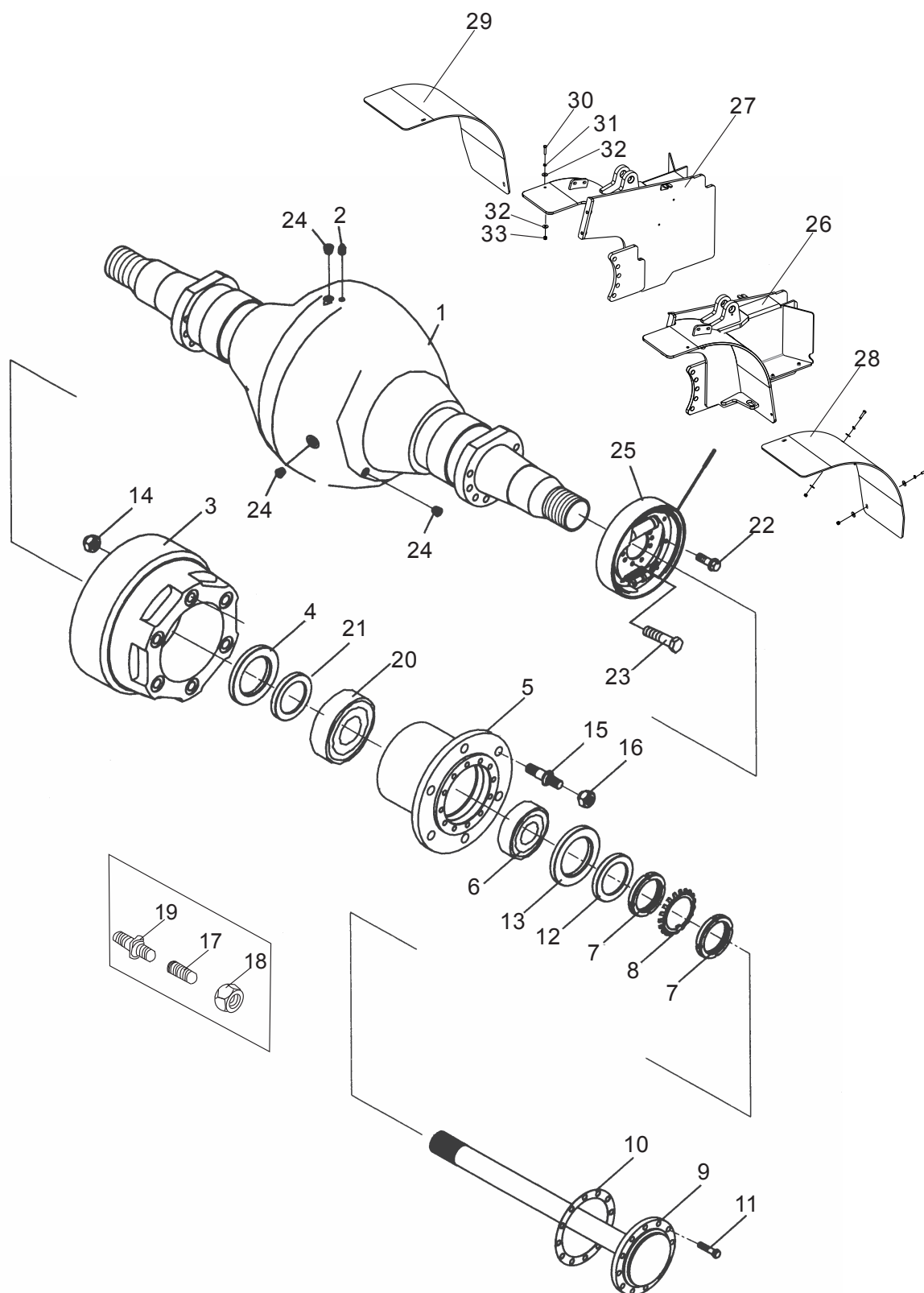
Drive axle



Drive axle

Item	Part No	Description	Q'ty	Remark
1	A45A5-00101	Housing, axle	1	
2	A45A5-00102	Breather, air	1	
3	A45A5-00103	Drum, brake	2	
4	A45A5-00104	Retainer,oilseal	2	
5	A45A5-00105	Hub, front	2	
6	GB/T297	7216E Bearing	2	
7	A45A5-00106	Nut,bearing	4	
8	A45A5-00107	Washer,bearing	2	
9	A45A5-00108	Shaft, drive	2	
10	A45A5-00109	Packing	2	
11	A45A5-00110	Bolt	24	
12	GB/T13871	FB140×110×12 Seal, oil	2	
13	A45A5-00111	Packing	2	
14	GB/T6171	M20×1.5 Nut	12	
15	A45A5-00112	Bolt	12	
16	A45A5-00113	Nut	12	
17	A45E5-00101	Nut	12	
18	A45E5-00102	Nut	12	
19	A45E5-00103	Bolt	12	
20	GB/T297	7219E Bearing	2	
21	GB/T13871	FB170×140×15 Seal, oil	2	
22	A45A5-00116	Bolt	12	
23	A45A5-00117	Bolt	4	
24	A45A5-00118	Plug	3	

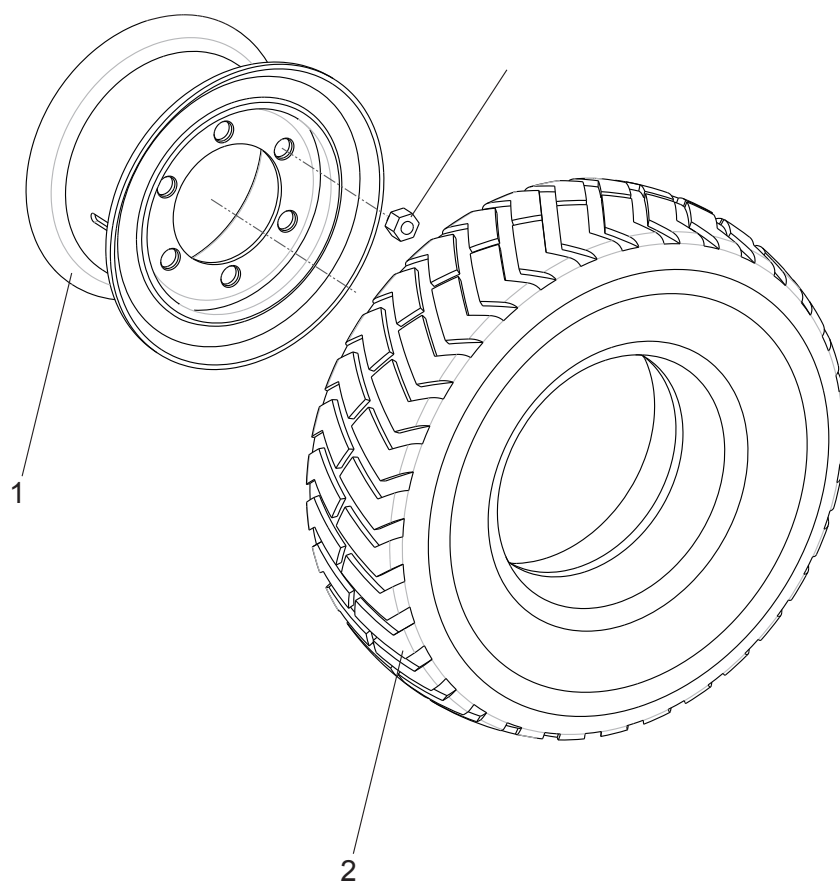
Drive axle



Drive axle

Item	Part No	Description	Q'ty	Remark
25	A45A5-00600	Wheel brake	1	
26	D45L1-10109L	Fender	1	
27	D45L1-10109R	Fender	1	
28	D45L1-10002L	Fender	1	
29	D45L1-10002R	Fender	1	
30	GB/T5783	M12×45 Bolt	6	
31	GB/T93	12 Washer,Lock	6	
32	GB/T96	12 Washer	12	
33	GB/T889. 1	M12 Nut	6	

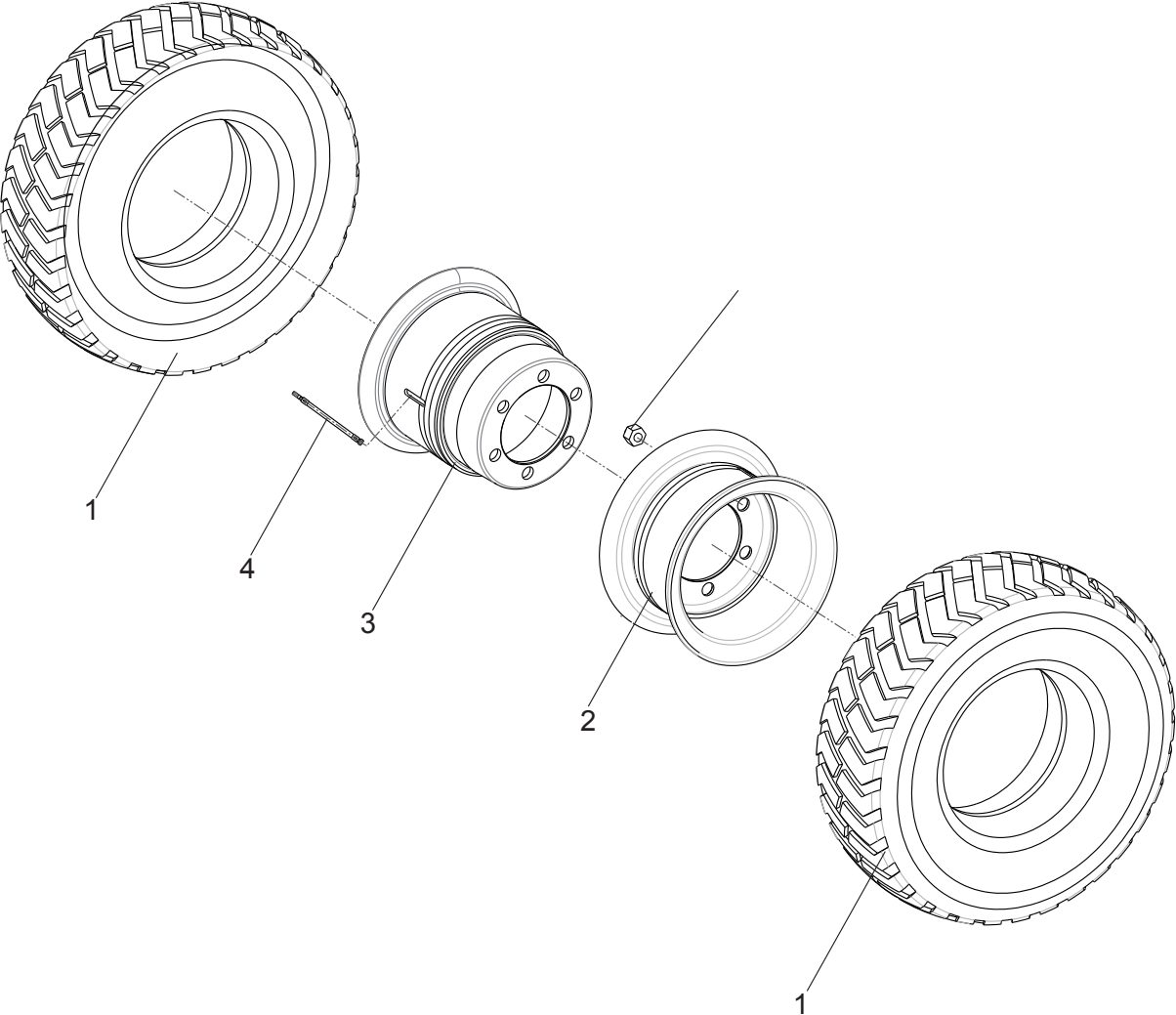
Driving wheel assembly



Driving wheel assembly

Item	Part No	Description	Q'ty	Remark
1	A45A5-00200	8.00V-15 Whell Rim ass'y	2	
2	GB/T2982	300-15-18PR Tyre	2	

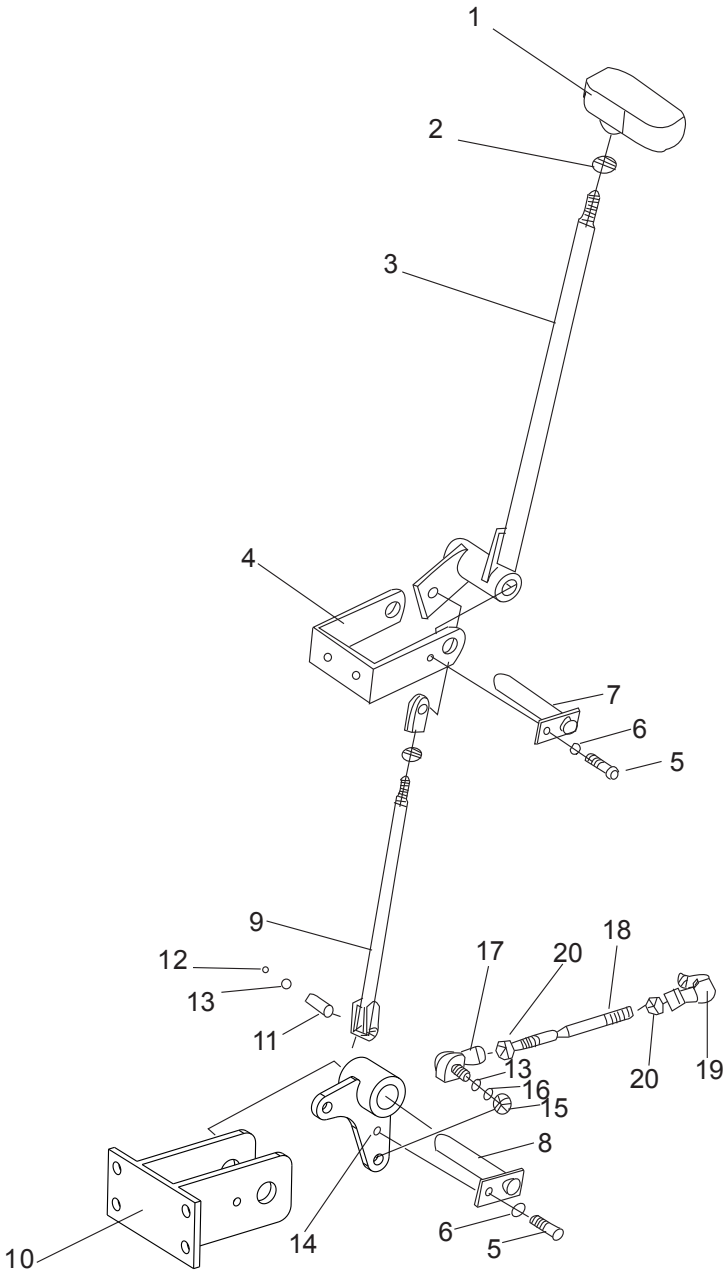
Double driving wheel assembly



Double driving wheel assembly

Item	Part No	Description	Q'ty	Remark
1	GB/T2982	300-15-18PR Tyre	4	
2	A45A5-00200	8.00V-15 Whell Rim ass'y	2	
3	A45E5-00200	Twins outer rim	2	
4	A50A5-00700	Pipe	2	

Transmission control linkage

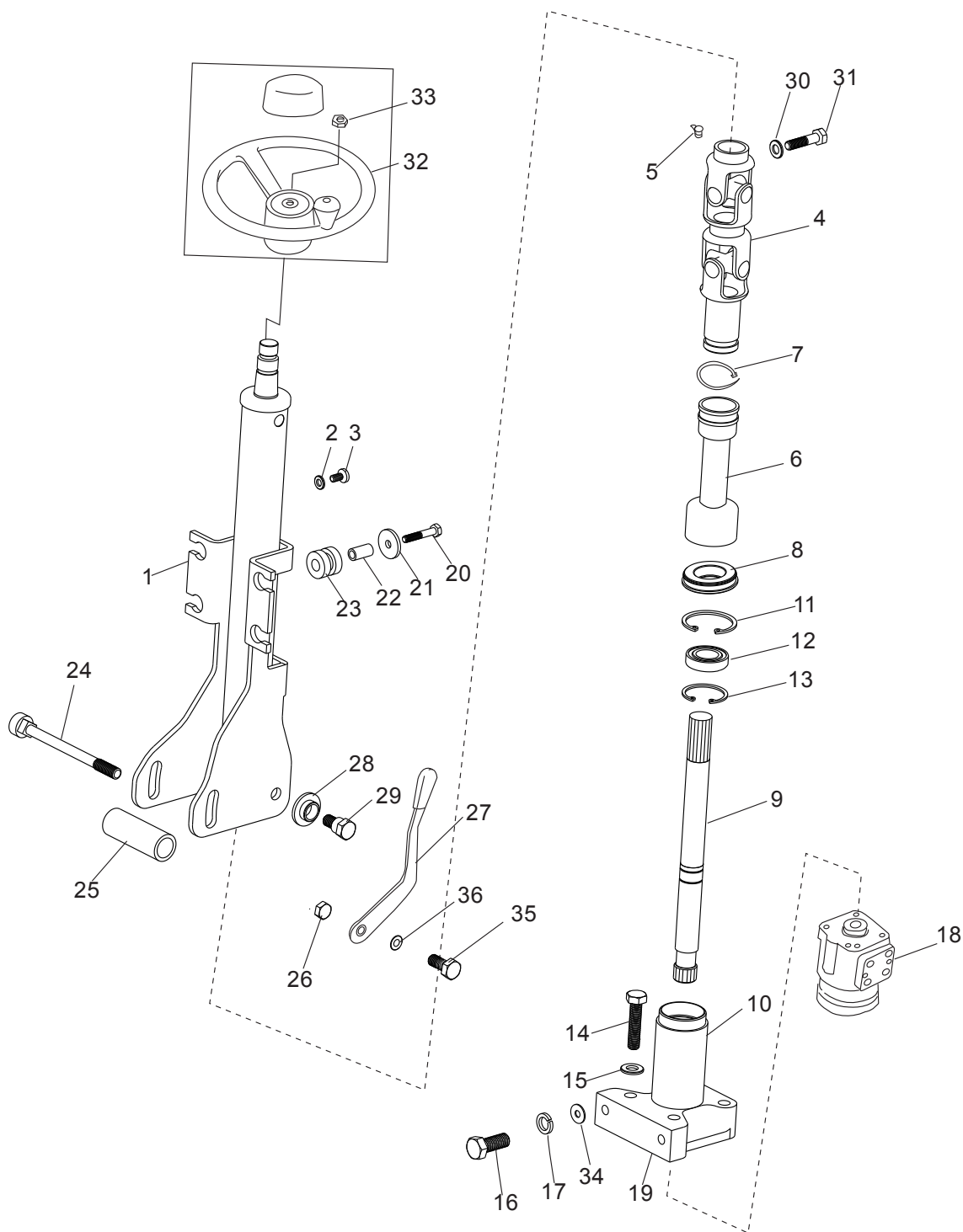


Transmission control linkage

Item	Part No	Description	Q'ty	Remark
1	A30B5-01100	Handle	1	
2	GB/T6172	M10 Nut	1	
3	A45A5-01100	Lever	1	
4	A45A5-01001	Bracket (upper)	1	
5	GB/T5783	M16×12 Bolt	2	
6	GB/T93	6 Washer,lock	2	
7	A45A5-01200	I Shaft	1	
8	A45A5-01600	II Shaft	1	
9	A45A5-01300	Link	1	
10	A45A5-01400	Bracket (lower)	1	
11	GB/T882	8×26 Pin	2	
12	GB/T91	3.2×20 Pins	2	
13	GB/T97. 1	8 Washer	4	
14	A45A5-01500	Bushings	1	
15	GB/T6170	Nut	1	
16	GB/T93	8 Washer,lock	2	
17	A30B5-01005L	L Bearing	1	
18	A45A5-01002	Link	1	
19	A30B5-01005R	R Bearing	1	
20	GB/T6170	M8 Nut	3	

STEERING SYSTEM

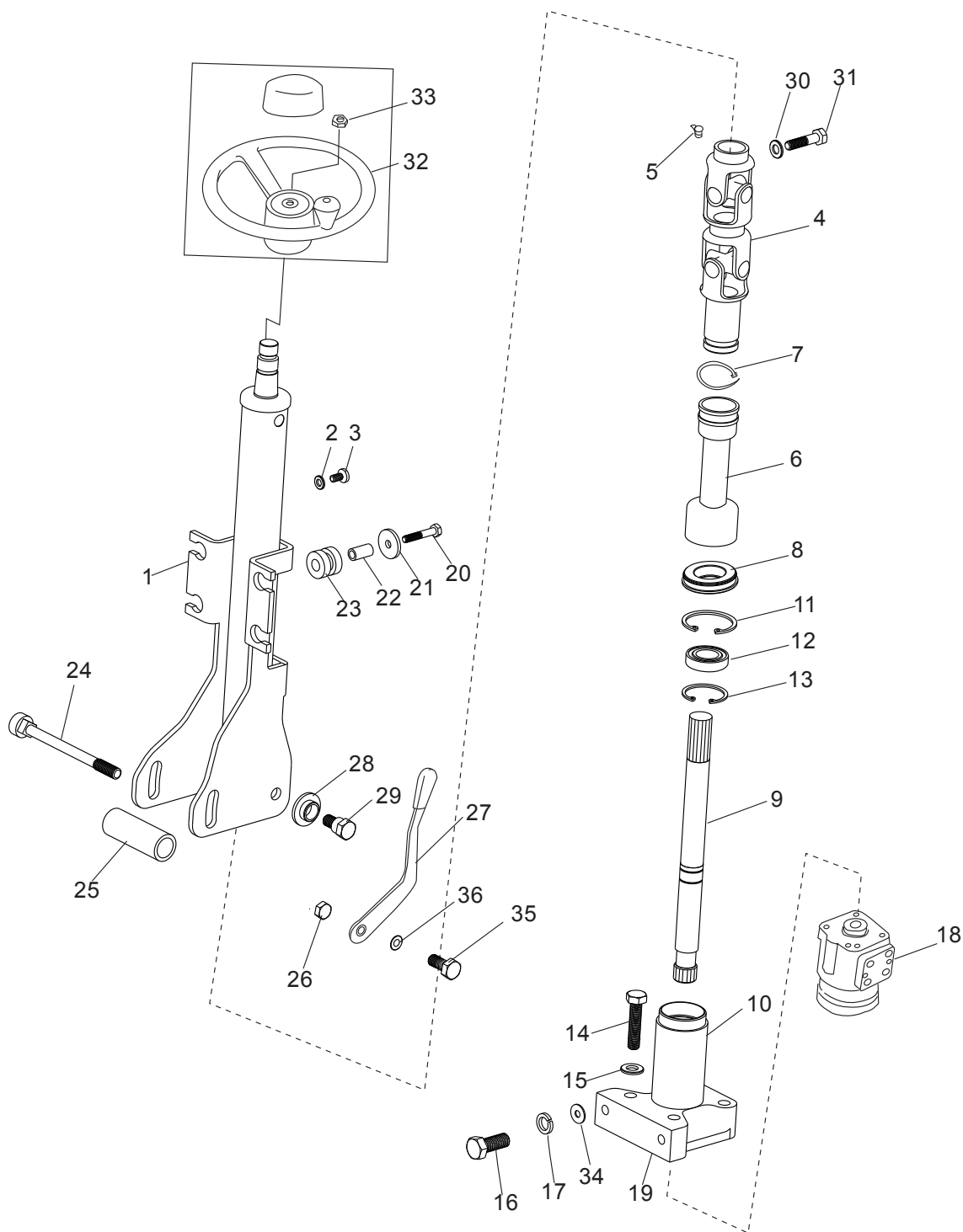
Steering control



Steering control

Item	Part No	Description	Q'ty	Remark
1	A30C6-00100	Steering column	1	
2	GB/T97.1	6 Washer	4	
3	GB/T818	M6×12 Screw	4	
4	A30C6-00200	Joint	1	
5	JB/T7940.1	M10×1 Cup,grease	1	
6	A30C6-00003	Boot	1	
7		ZD4×150 Band	1	
8	A30C6-00004	Seal cover	1	
9	A30C6-00301	Link	1	
10	A30C6-00302	Flange	1	
11	GB/T893.1	37 Snap ring	1	
12	GB/T276	61904-2Z Bearing	1	
13	GB/T894.1	20 Snap ring	2	
14	GB/T5783	M10×45 Bolt	4	
15	GB/T93	10 Washer,lock	4	
16	GB/T5786	M12×1.25×20 Bolt	2	
17	GB/T93	12 Washer,lock	2	
18	A45A4-40000	Redirector	1	
19	A30A6-00006	Shim	1	
20	GB/T5783	M6×35 Bolt	4	
21	A30A6-00007	Washer	4	
22	A30A6-00008	Spacer	4	

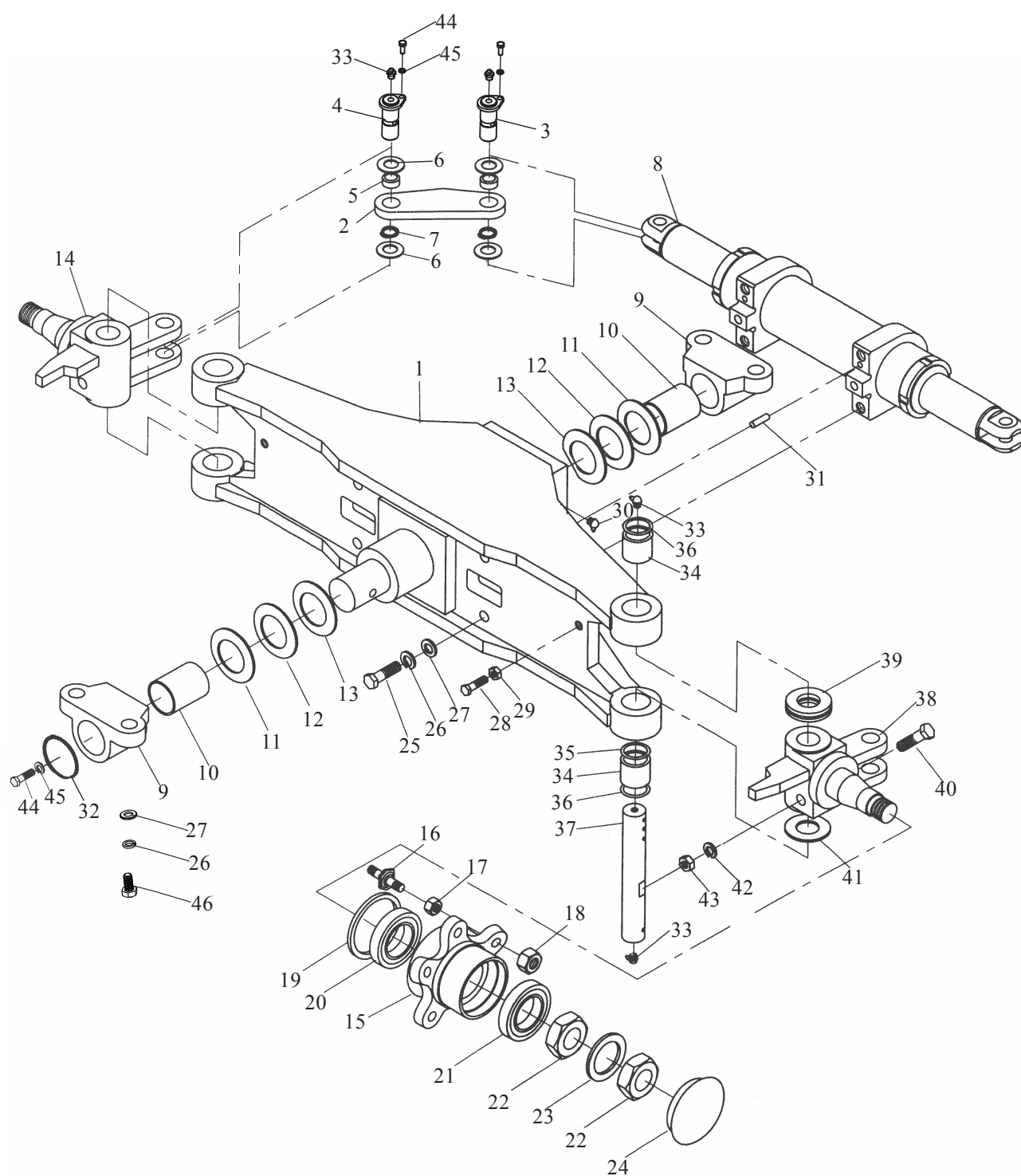
Steering control



Steering control

Item	Part No	Description	Q'ty	Remark
23	A30A6-00009	Rubber	4	
24	A30B6-00001	Bolt	1	
25	A30C6-00002	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	

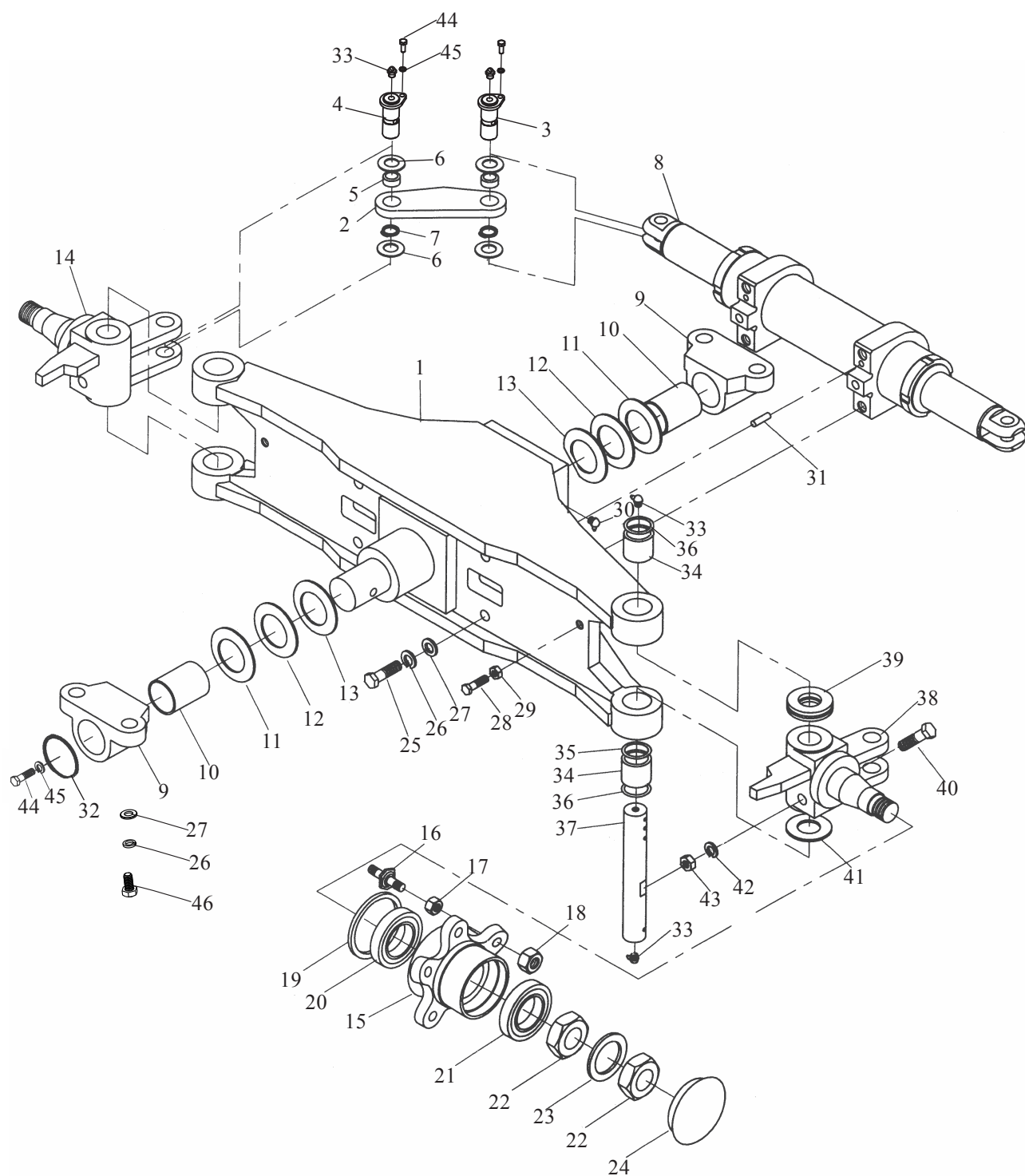
Steering axle



Steering axle

Item	Part No	Description	Q'ty	Remark
1	A45A6-10100	Axle ass'y	1	
2	A45A6-10101	Link	2	
3	A45A6-10102	Pin,clevis	2	
4	A45A6-10111	II Pin,clevis	2	
5	GB/T9163	GE25ES Bearing	4	
6	A45A6-10103	Shim	8	
7	GB/T893.1	42 Snap ring	4	
8	A45A6-10300	Power cylinder ass'y	1	
9	A45A6-10104	Bracket	2	
10	A45A6-10105	Spacer	2	
11	A45A6-10106	Shim	2	
12	A45A6-10107	Shim	2	
13	A45A6-10108	Shim	2	
14	A45A6-10400(R)	Knuckle R. H. ass'y	1	
15	A45A6-10109	Hub	2	
16	A45A6-10110	Bolt	10	
17	A45A6-10001	Nut	10	
18	GB/T6171	M20×1.5 Nut	10	
19	GB/T1152	PD95×130×12 Oil seal	2	
20	GB/T297	30214 Bearing	2	
21	GB/T297	32211 Bearing	2	
22	GB/T812	M55×2 Nut	4	
23	GB/T858	55 Washer	2	

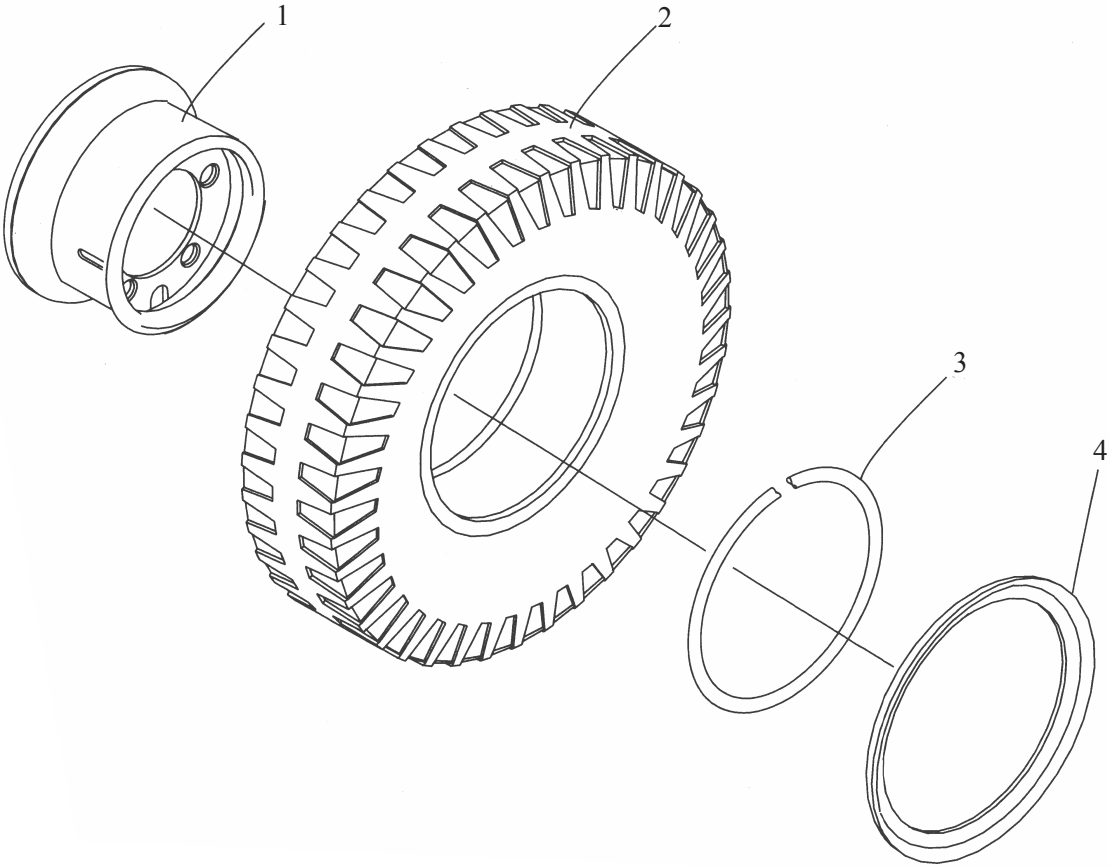
Steering axle



Steering axle

Item	Part No	Description	Q'ty	Remark
24	A45A6-10112	Cap	2	
25	GB/T5785	M20×1.5×50 Bolt	4	
26	GB/T93	20 Washer, lock	8	
27	GB/T97. 1	20 Washer	8	
28	GB/T5782	M16×45 Bolt	2	
29	GB/T6170	M16 Nut	2	
30	Q701B45	Fitting	2	
31	A45A6-10113	Pin	2	
32	A45A6-10114	Snap ring	2	
33	Q701B90	Fitting	8	
34	GB290	90942/45 Bearing	4	
35	A45A6-10115	Seal ring	2	
36	A45A6-10116	Dust ring	4	
37	A45A6-10117	Pin, king	2	
38	A45A6-10400(L)	Knuckle L. H. ass'y	1	
39	GB/T301	198909 Bearing	2	
40	GB/T78	M16×45 Screw	2	
41	A45A6-10118	Shim	2	
42	GB/T93	16 Washer, lock	2	
43	GB/T6170	M16 Nut	2	
44	GB/T5783	M6×16 Bolt	6	
45	GB/T93	6 Washer, lock	6	
46	GB/T5785	M20×1.5×95×35 Bolt	4	

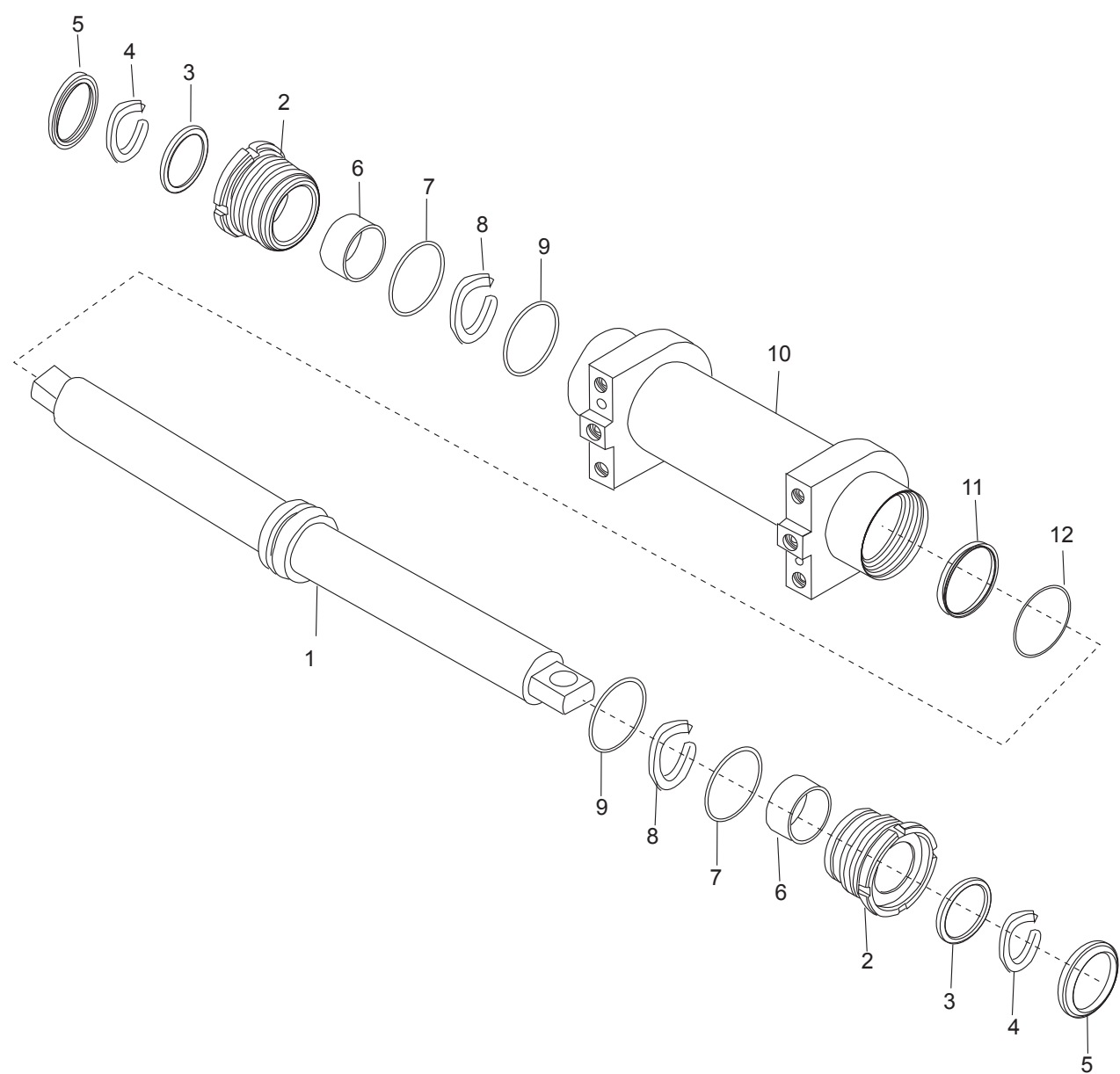
Steering wheel



Steering wheel

Item	Part No	Description	Q'ty	Remark
1	A45A6-10200	5.00S-12 Rime ring	2	
2	GB/T2982	7. 00-12-12PR Tire	2	
3	A45A6-10201	Lock ring	2	
4	A45A6-10202	Snap ring	2	

Steering cylinder



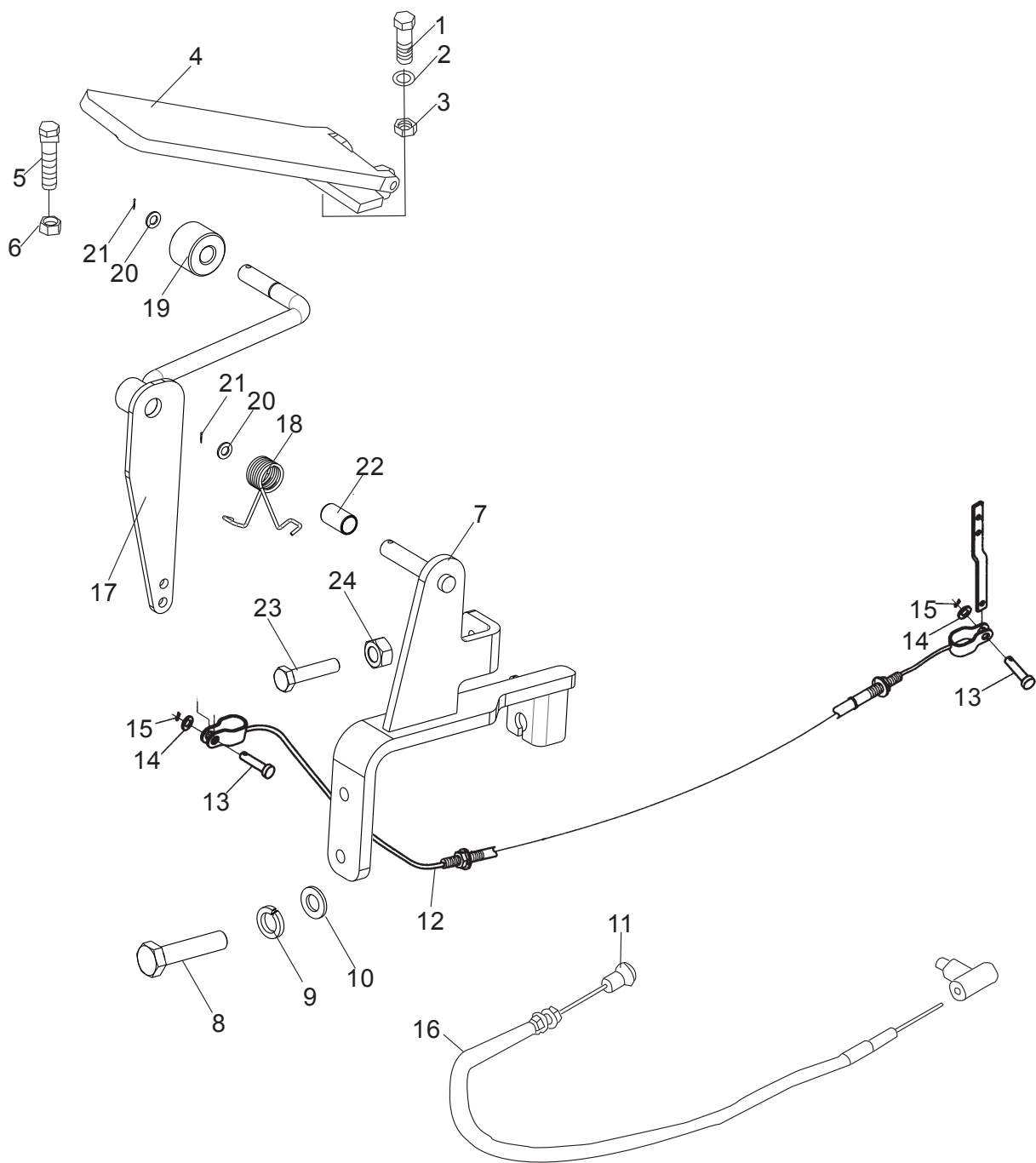
Steering cylinder

Item	Part No	Description	Q'ty	Remark
A	A45A6-10300	Power cylinder ass'y	1	
1	A45A6-10301	Piston rod ass'y	1	
2	A45A6-10302	Cap	2	
3	A45A6-10303	60×71×8 O-ring	2	
4	A45A6-10304	60×71×3 Ring, snap	2	
5	A45A6-10305	60×74×8×11 Seal, dust	2	
6	A45A6-10306	Bearing	2	
7	GB/T3452. 1	80×5.3 O-ring	2	
8	A45A6-10307	Ring, snap	2	
9	GB/T3452. 1	82.5×3. 55 O-ring	1	
10	A45A6-10308	Body, power steering	1	
11	A45A6-10309	Seal, slipper	1	
12	GB/T3452. 1	75×5.3 O-ring	1	

ACCELERATOR PEDAL

Accelerator pedal

FD40,45,50-YC4

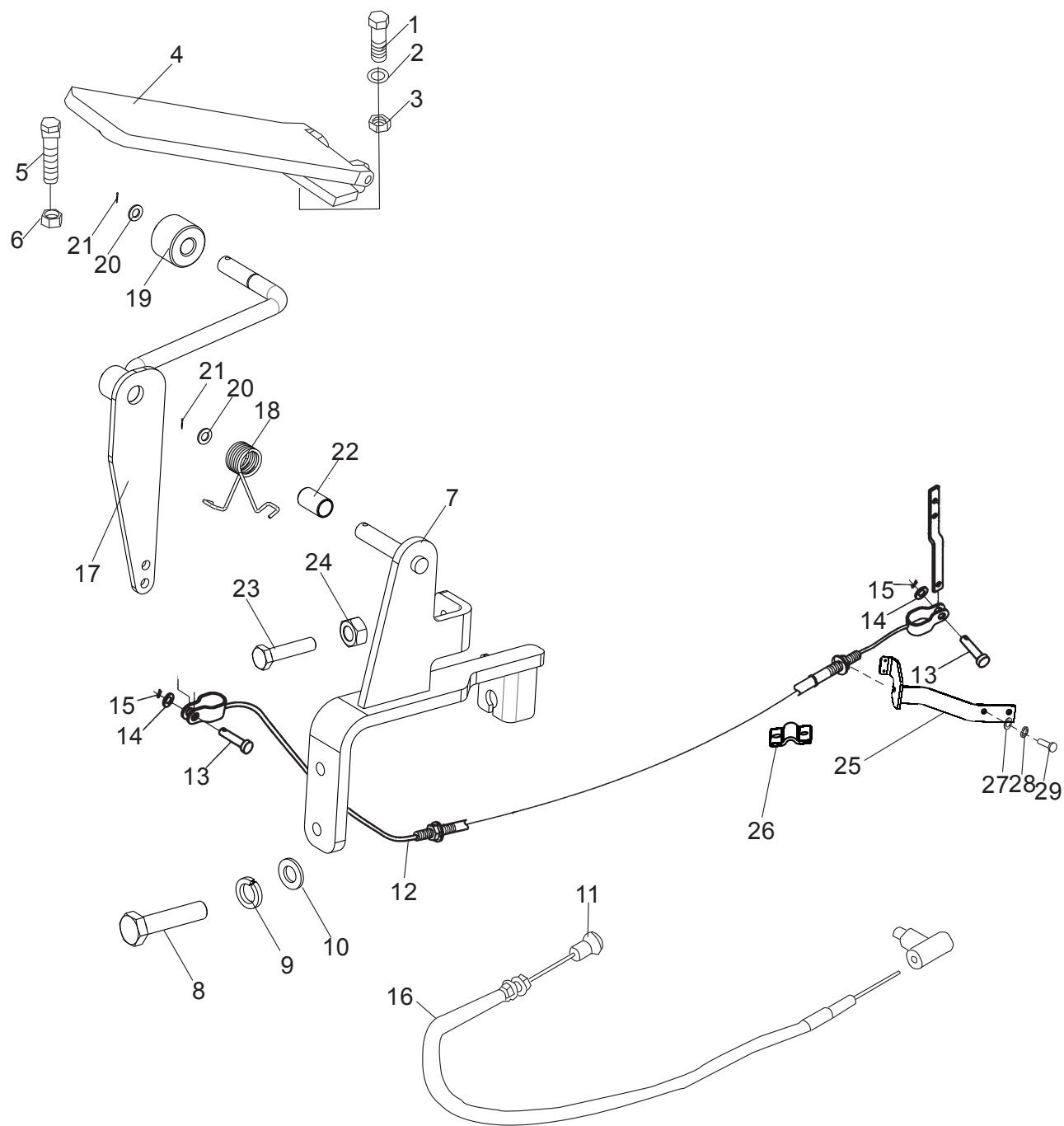


Accelerator pedal FD40,45,50-YC4

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	A45A7-31200	Bracket	1	
8	GB/T5783	M10×35 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	GB/T97.1	10 Washer	2	
11	A30C7-30101	Pedal	1	
12	A45A7-30100	Soft shaft ass'y	1	
13	GB/T882	6×16 Pin	2	
14	GB/T97.1	6 Washer	2	
15	GB/T91	1. 6×20 Pin	2	
16	A45A7-30200	Lasso flame ass'y	1	
17	A45A7-31100	Link, ass'y	1	
18	A45A7-31001	Spring	1	
19	A30A7-30001	Sheave	1	
20	GB/T97.1	10 Washer	2	
21	GB/T91	2×25 Pin	2	
22		1020 Bushing	1	
23	GB/T5783	M8×30 Bolt	1	
24	GB/T6170	M8 Nut	1	

Accelerator pedal

FD40,45,50-LT1

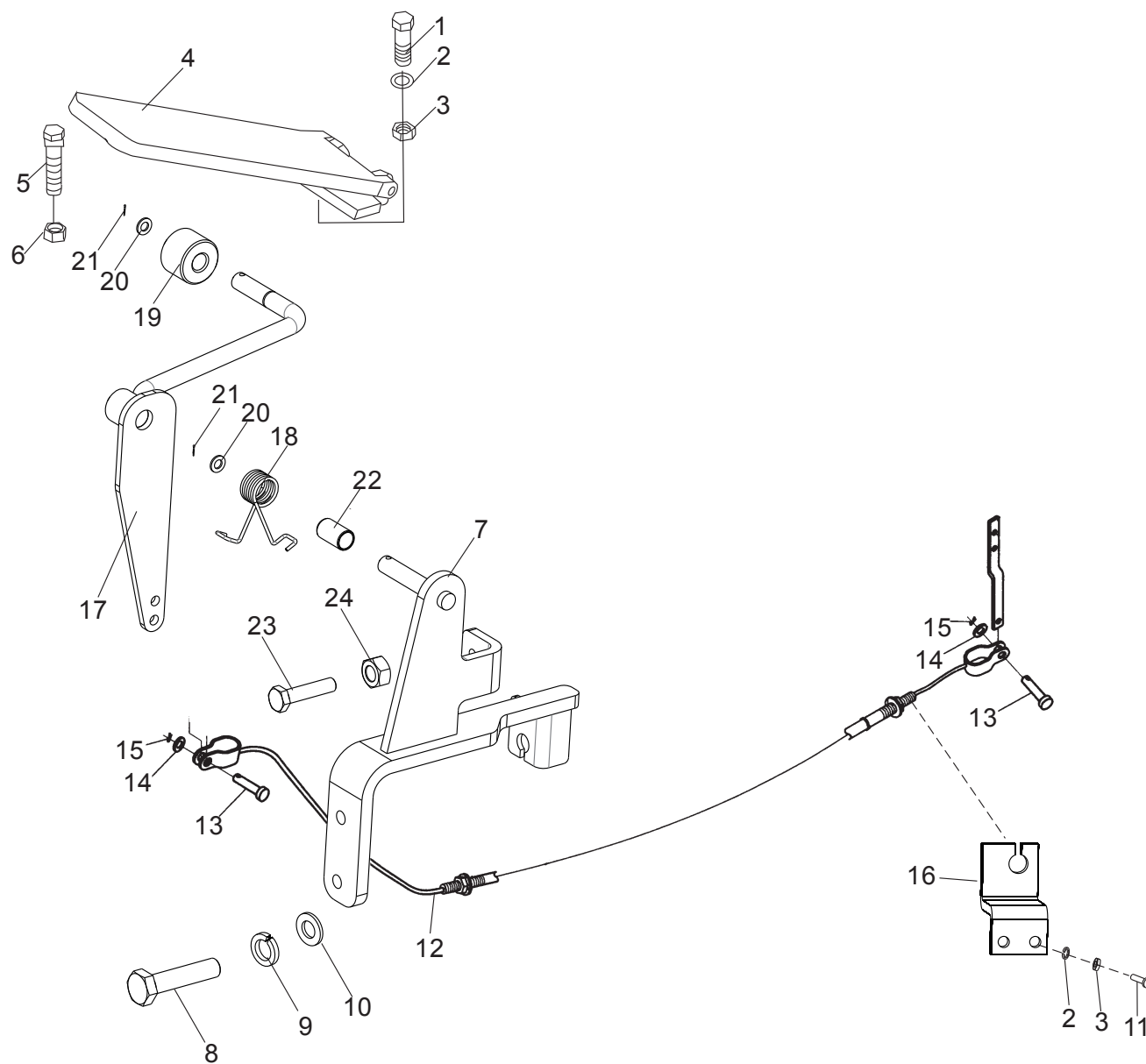


Accelerator pedal FD40,45,50-LT1

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	A45A7-31200	Bracket	1	
8	GB/T5783	M10×35 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	GB/T97.1	10 Washer	2	
11	A30C7-30101	Pedal	1	
12	A45A7-30100	Soft shaft ass'y	1	
13	GB/T882	6×16 Pin	2	
14	GB/T97.1	6 Washer	2	
15	GB/T91	1.6×20 Pin	2	
16	A45A7-30200	Lasso flame ass'y	1	
17	A45A7-31100	Link, ass'y	1	
18	A45A7-31001	Spring	1	
19	A30A7-30001	Sheave	1	
20	GB/T97.1	10 Washer	2	
21	GB/T91	2×25 Pin	2	
22		1020 Bushing	1	
23	GB/T5783	M8×30 Bolt	1	
24	GB/T6170	M8 Nut	1	
25	A45C7-30100	Bracket	1	
26	A50A7-30001	Board	1	
27	GB/T5783	M12×35 Bolt	2	
28	GB/T93	12 Washer,lock	2	
29	GB/T97.1	12 Washer	2	

Accelerator pedal

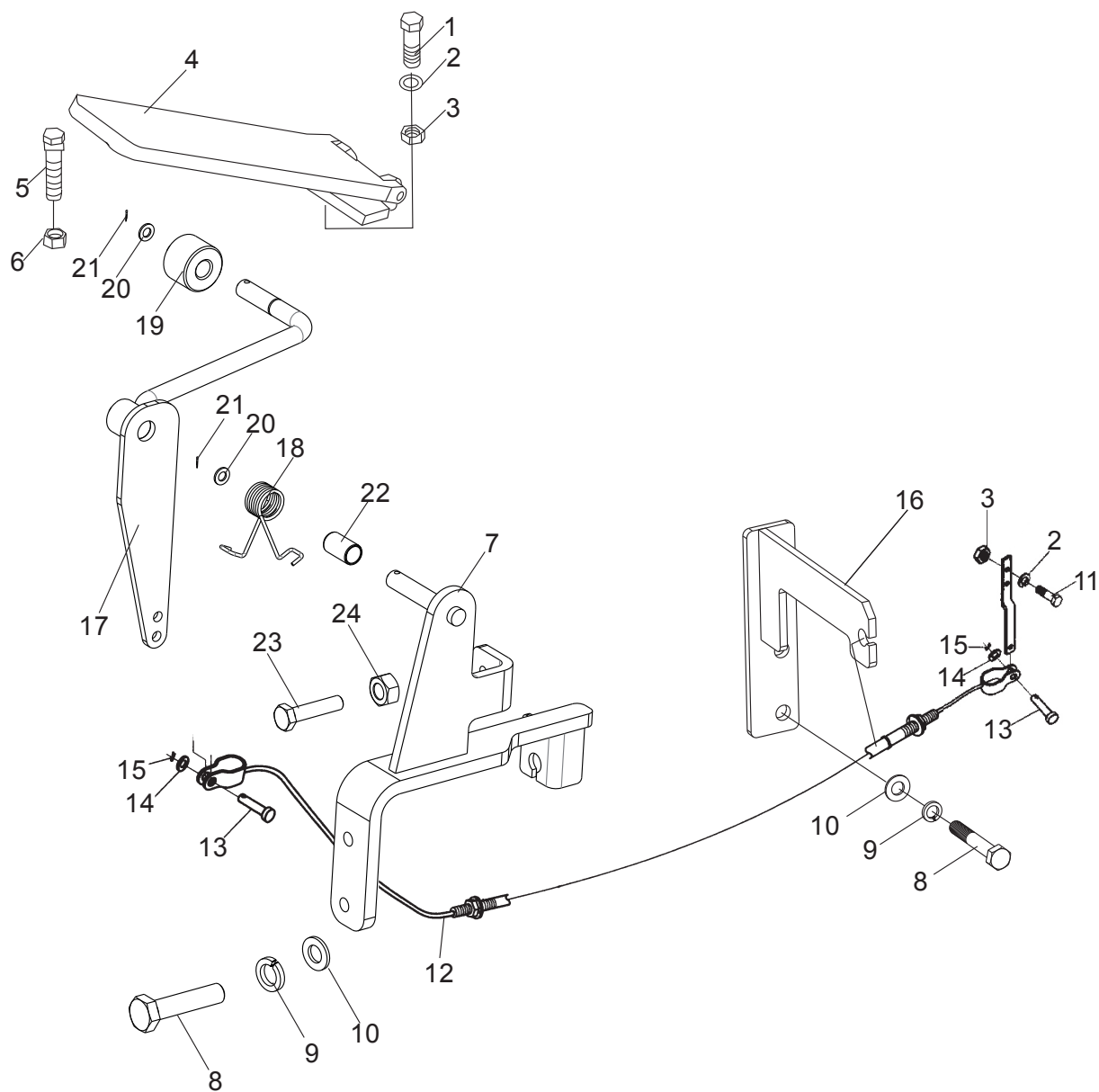
FD40,45,50-P1



Accelerator pedal FD40,45,50-P1

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	2	
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	A45A7-31200	Bracket	1	
8	GB/T5783	M10×35 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	GB/T97.1	10 Washer	2	
11	GB/T5783	M6×25 Bolt	2	
12	A45D7-30200	Soft shaft ass'y	1	
13	GB/T882	6×16 Pin	2	
14	GB/T97.1	6 Washer	2	
15	GB/T91	1.6×20 Pin	2	
16	A45D7-30001	Bracket	1	
17	A45A7-31100	Link, ass'y	1	
18	A45A7-31001	Spring	1	
19	A30A7-30001	Sheave	1	
20	GB/T97.1	10 Washer	2	
21	GB/T91	2×25 Pin	2	
22		1020 Bushing	1	
23	GB/T5783	M8×30 Bolt	1	
24	GB/T6170	M8 Nut	1	

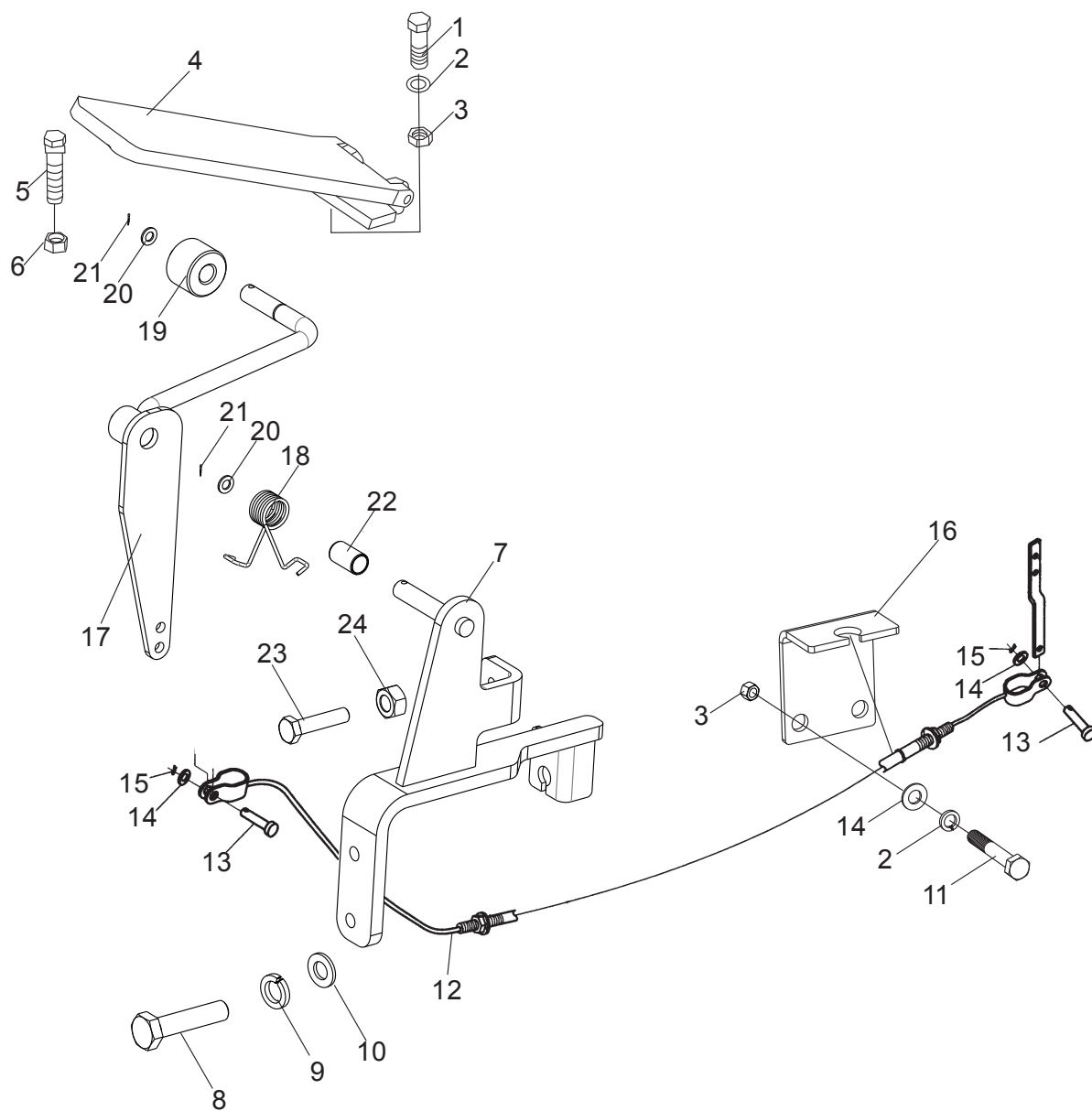
Accelerator pedal FD40,45,50-W4



Accelerator pedal FD40,45,50-W4

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	2	
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	A45A7-31200	Bracket	1	
8	GB/T5783	M10×35 Bolt	4	
9	GB/T93	10 Washer,lock	4	
10	GB/T97.1	10 Washer	4	
11	GB/T5783	M6×25 Bolt	2	
12	A50A7-30400	Soft shaft ass'y	1	
13	GB/T882	6×16 Pin	2	
14	GB/T97.1	6 Washer	2	
15	GB/T91	1.6×20 Pin	2	
16	A50B7-30100	Bracket	1	
17	A45A7-31100	Link, ass'y	1	
18	A45A7-31001	Spring	1	
19	A30A7-30001	Sheave	1	
20	GB/T97.1	10 Washer	2	
21	GB/T91	2×25 Pin	2	
22		1020 Bushing	1	
23	GB/T5783	M8×30 Bolt	1	
24	GB/T6170	M8 Nut	1	

Accelerator pedal FY40,45,50-G3

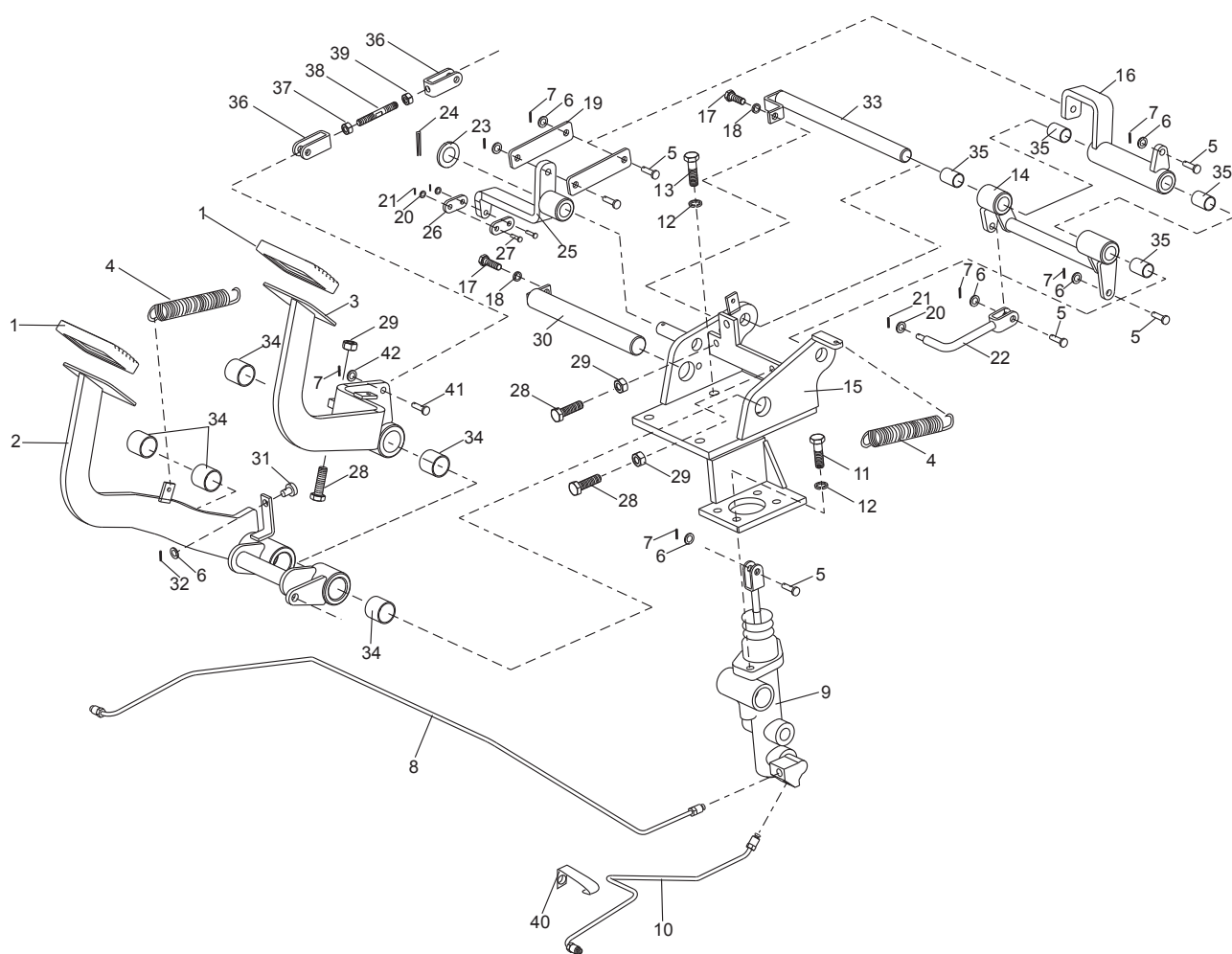


Accelerator pedal FY40,45,50-G3

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M6×20 Bolt	2	
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	A45A7-31200	Bracket	1	
8	GB/T5783	M10×35 Bolt	2	
9	GB/T93	10 Washer,lock	2	
10	GB/T97.1	10 Washer	2	
11	GB/T5783	M6×25 Bolt	2	
12	A50A7-30400	Soft shaft ass'y	1	
13	GB/T882	6×16 Pin	2	
14	GB/T97.1	6 Washer	4	
15	GB/T91	1.6×20 Pin	2	
16	A50F7-30001	Bracket	1	
17	A45A7-31100	Link, ass'y	1	
18	A45A7-31001	Spring	1	
19	A30A7-30001	Sheave	1	
20	GB/T97.1	10 Washer	2	
21	GB/T91	2×25 Pin	2	
22		1020 Bushing	1	
23	GB/T5783	M8×30 Bolt	1	
24	GB/T6170	M8 Nut	1	

BRAKE SYSTEM

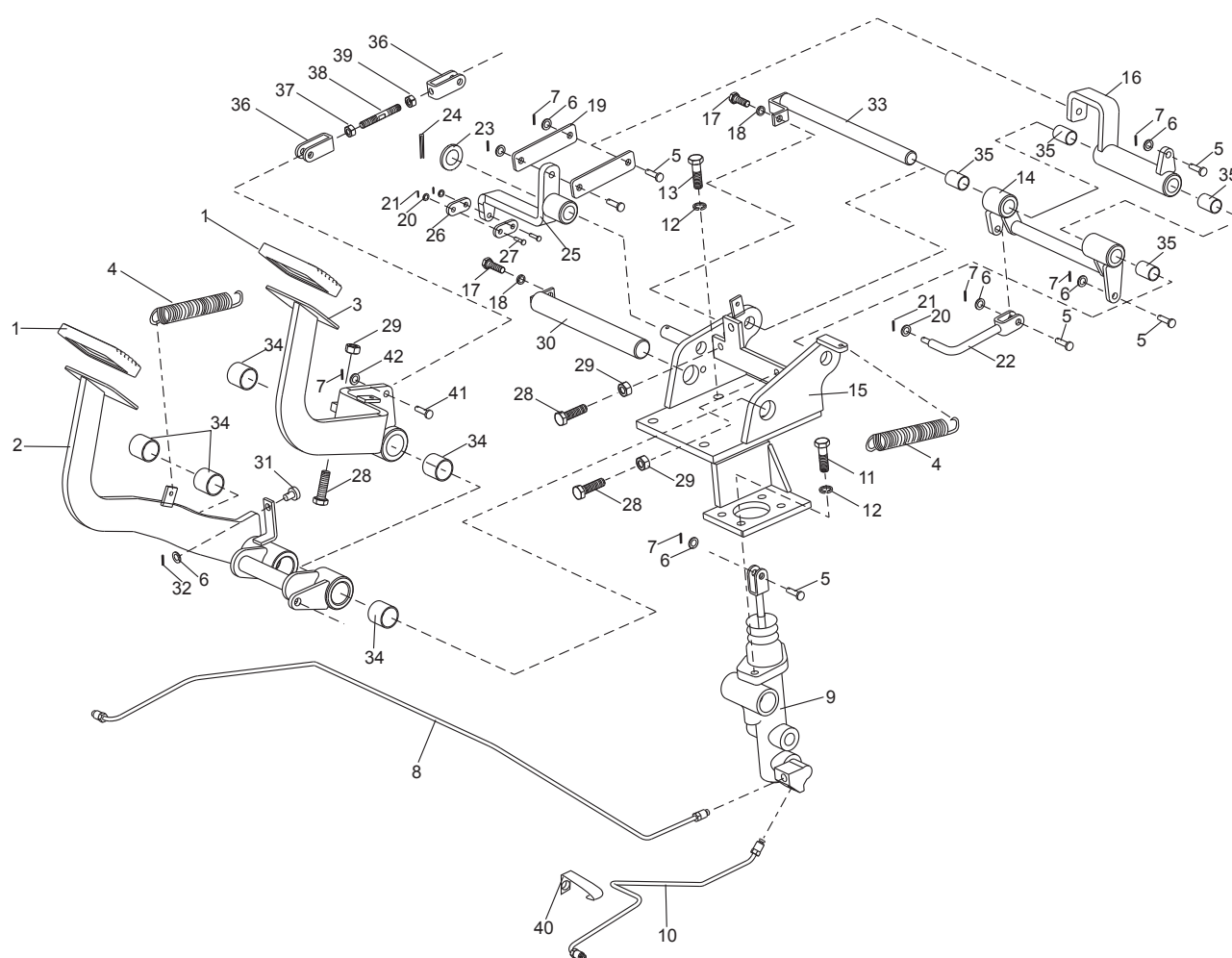
Brake & inching control (tor-con type)



Brake & inching control (tor-con type)

Item	Part No	Description	Q'ty	Remark
1	A30A7-11001	Head cover	2	
2	A45A7-11200	Pedal	1	
3	A45A7-11700	Brake pedal	1	
4	A45A7-11001	Spring	2	
5	GB/T882	8×28 Pin	6	
–	GB/T882	8×28 Pin	5	
6	GB/T97. 1	8 Washer	7	
–	GB/T97. 1	8 Washer	6	
7	GB/T91	2.5×22 Pin	7	
–	GB/T91	2.5×22 Pin	6	
8	A45A7-10400	Hose	1	
9	A45A7-10100	Master cylinder	1	
10	A45A7-10300	Hose	1	
11	GB/T5786	M10×1.25×25 Bolt	2	
12	GB/T93	10 Washer, lock	6	
13	GB/T5786	M10×1.25×30 Bolt	4	
14	A45A7-11300	I Rod	1	
15	A45A7-11100	Bracket,pedal	1	
–	A45D7-11100	Bracket,pedal	1	
16	A45A7-11400	II Rod	1	
17	GB/T5783	M8×15 Bolt	2	
18	GB/T93	8 Washer, lock	2	
19	A45A7-11002	I Plate	2	
20	GB/T97. 1	6 Washer	3	
–	GB/T97. 1	6 Washer	2	
21	GB/T91	2×20 Pin	3	

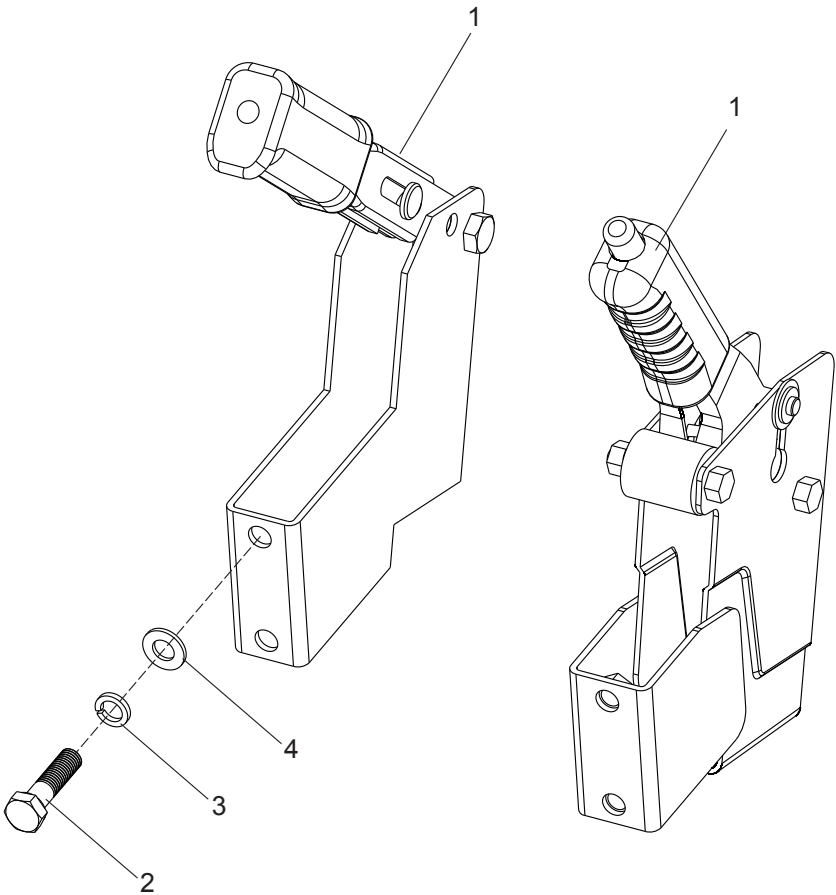
Brake & inching control (tor-con type)



Brake & inching control (tor-con type)

Item	Part No	Description	Q'ty	Remark
–	GB/T91	2×20 Pin	2	
22	A45A7-11500	Butt hook	1	
23	GB/T97. 1	16 Washer	1	
24	GB/T91-2000	3.2×32 Pin	1	
25	A45A7-11600	Z	1	
–	A45D7-11300	Z	1	
26	A45A7-11003	II Plate	2	
27	GB/T882	6×26 Pin	2	
28	GB/T5783	M10×35 Bolt	3	
29	GB/T6170	M10 Nut	3	
30	A45A7-11800	I Pin,Clevis	1	
31	A45A7-11004	Plug	1	
32	GB/T91	1.6×20 Pin	1	
33	A45A7-10900	II Pin,Clevis	1	
–	A45D7-10200	II Pin,Clevis	1	
34	ZT000-25025	25×25 Bushing	5	
35	ZT000-16025	16×25 Bushing	4	
36	A45A7-11901	U-Bracket	2	
37	GB/T6170	M8 Nut	1	
38	A45A7-11902	Rod	1	
39	GB/T6170	M8-LH Nut	1	
40	A45A7-10004	Clip	1	
41	GB/T882	10×28 Pin	1	
42	GB/T97. 1	10 Washer	1	

Brake lever

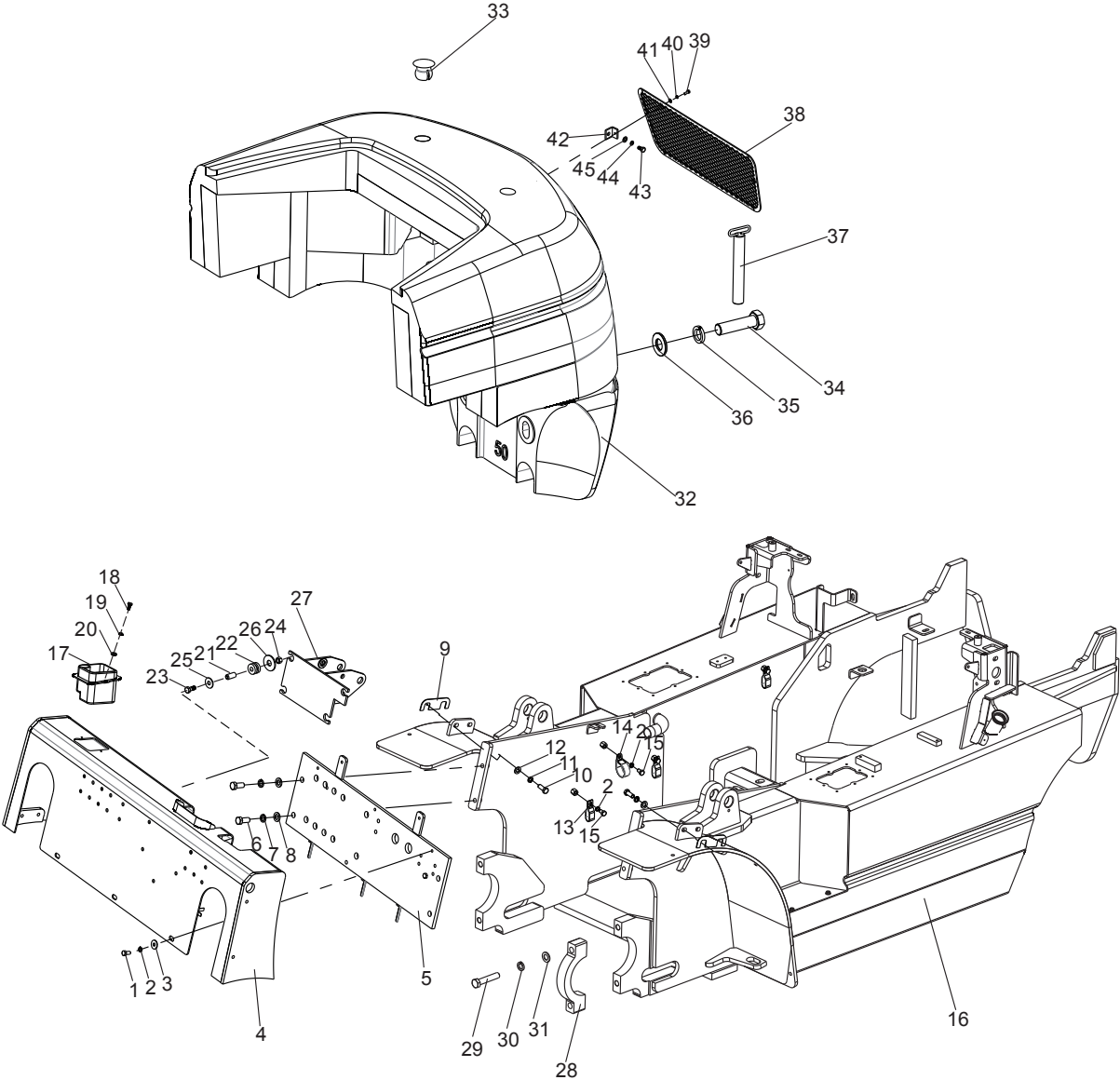


Brake lever

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

BODY SYSTEM

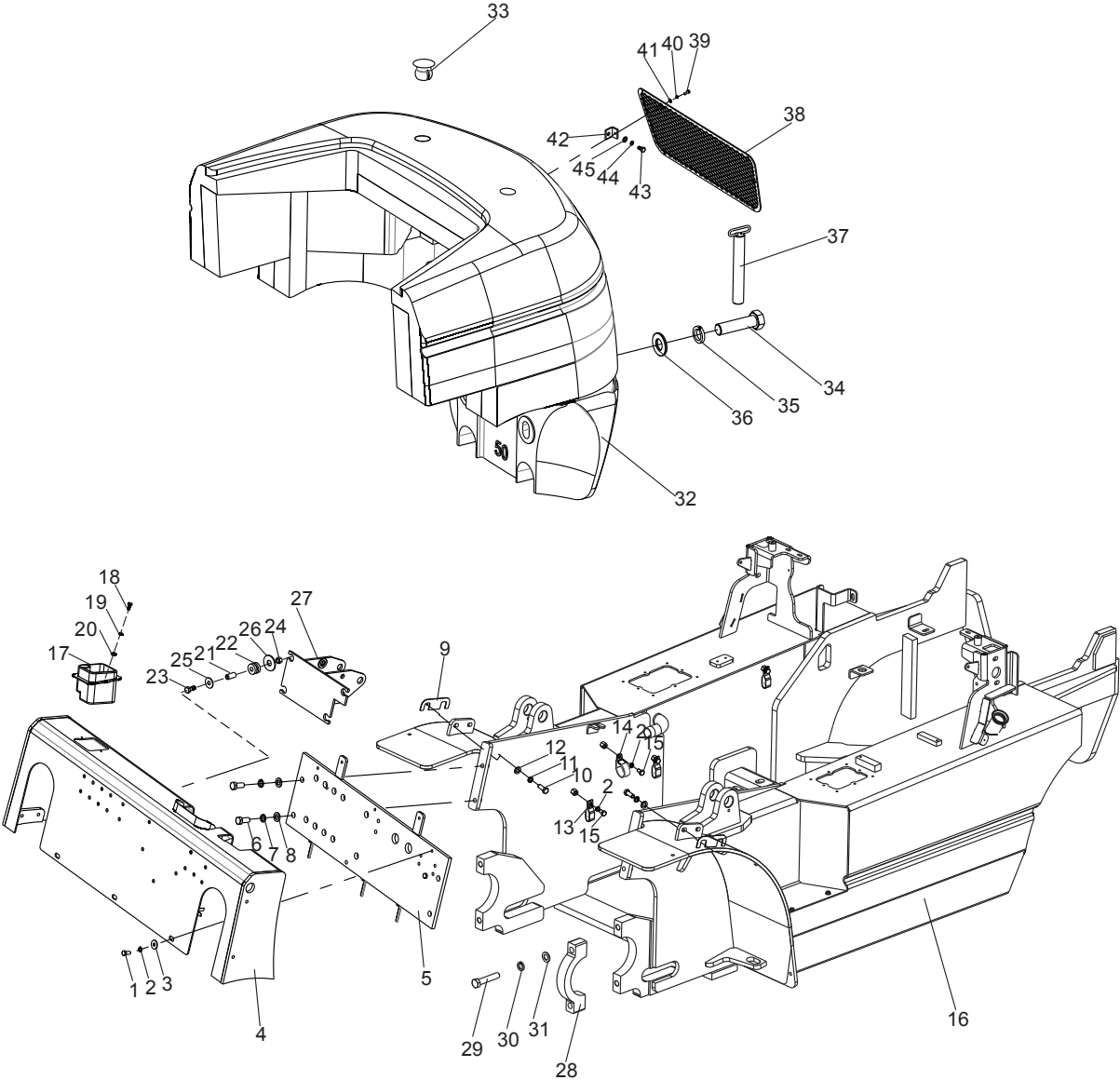
Frame & counter weight



Frame & counter weight

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M10×20 Bolt	3	
2	GB/T93	10 Washer,Lock	13	
3	GB/T97.1	10 Washer	3	
4	D45L1-10800	Instrument	1	
–	D45L1-10810	Instrument	1	
5	D45L1-10500	Plate	1	
6	GB/T5785	M16×1.5×35 Bolt	4	
7	GB/T93	16 Washer,Lock	4	
8	GB/T97.1	16 Washer	4	
9	D45L1-10001	Spacer	2	
10	GB/T5783	M12×30 Bolt	4	
11	GB/T93	12 Washer,Lock	4	
12	GB/T97.1	12 Washer	4	
13	D30A1-11008	5 Clip	4	
14	D30A1-11002	Clamp	4	
15	GB/T5783	M10×16 Bolt	10	
16	D45L1-11000	Frame	1	FD40,45,50-YC4
–	D45Q1-11000	Frame	1	FD40,45,50-LT1
–	D45S1-11000	Frame	1	FD40,45,50-P1
–	D45R1-11000	Frame	1	FD40,45,50-W4
–	D45P1-11000	Frame	1	FD40,45,50-KMS5
–	D45M1-11000	Frame	1	FY40,45,50-G3
–	D45N1-11000	Frame	1	FY40,45,50-G4
17	D30C1-10001	Box	1	
18	GB/T818	M6×12 Screw	2	
19	GB/T93	6 Washer,lock	2	
20	GB/T97.1	6 Washer	2	
21	A30A7-40001	Pipe	4	

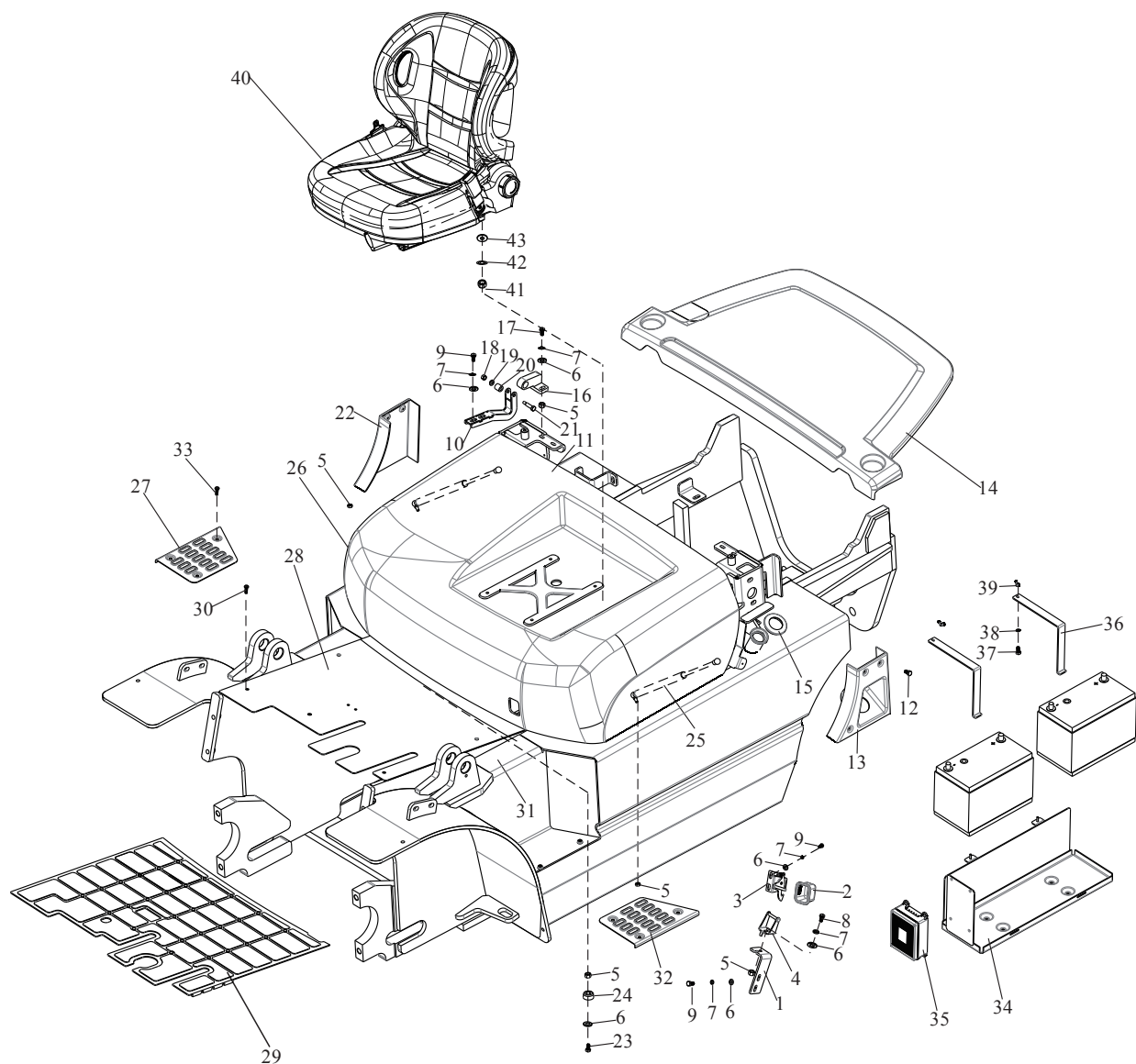
Frame & counter weight



Frame & counter weight

Item	Part No	Description	Q'ty	Remark
22	D30A1-20002	Rubber	4	
23	GB/T5783	M10×45 Bolt	4	
24	GB/T889.1	M10 Nut	4	
25	GB/T97.1	10 Washer	4	
26	A30A5-20003	Washer	4	
27	D45L1-10900	Bracket	1	
28	M45A3-00001	Bearing cover	2	
29	GB/T5785	M20×1.5×90 Bolt	4	
30	GB/T93	20 Washer,Lock	4	
31	GB/T97.1	20 Washer	4	
32	D40I1-50003	Balance	1	4t
—	D45I1-50003	Balance	1	4.5t
—	D50I1-50003	Balance	1	5t
33	D30A1-50002	Weight cover	2	
34	GB/T5782	M36×140 Bolt	2	
35	GB/T93	36 Washer,Lock	2	
36	D30C1-50004	Washer	2	
37	D40J1-50010	Pin	1	
38	D40J1-50002	Balance weight retainer	1	
39	GB/T5783	M6×16 Bolt	2	
40	GB/T93	6 Washer,lock	2	
41	GB/T97.1	6 Washer	2	
42	D30A1-50003	Bracket	2	
43	GB/T5783	M8×16 Bolt	2	
44	GB/T93	8 Washer,lock	2	
45	GB/T97.1	8 Washer	2	

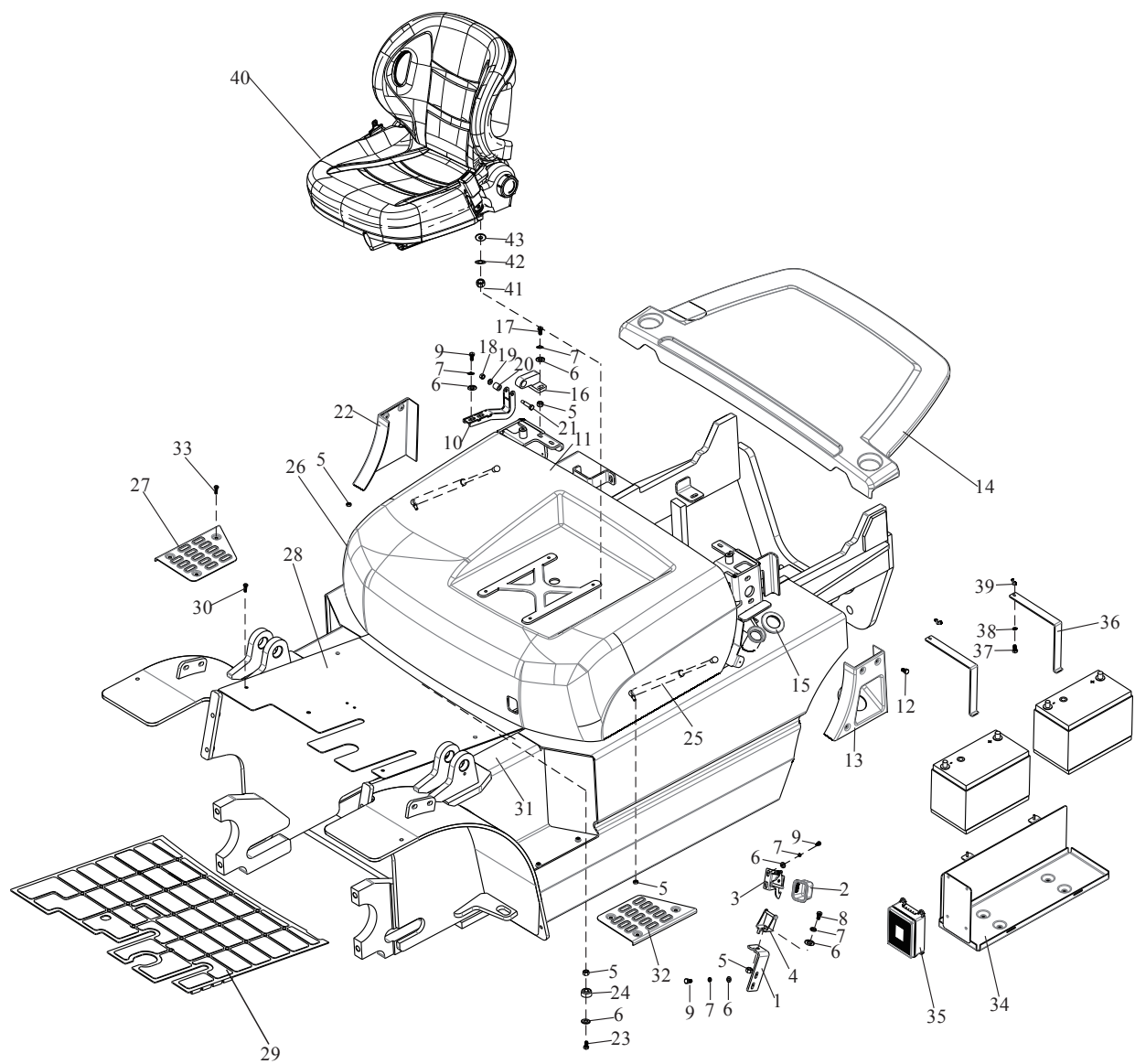
Hood, Floor Board & Seat FD40,45,50-YC4/LT1/P1/W4



Hood、Floor Board & Seat FD40,45,50-YC4/LT1/P1/W4

Item	Part No	Description	Q'ty	Remark
1	D50C1-20007	Locks Support	1	FD40,45,50-YC4/LT1/P1 FD40,45,50-W4
2	D30A1-20701	Hook box	1	
3	D30A1-20720	Hook	1	
4	D30A1-20710	Hook	1	
5	GB/T6170	M8 Nut	9	
6	GB/T96	8 Washer	15	
7	GB/T93	8 Washer,lock	13	
8	GB/T5783	M8×25 Bolt	1	
9	GB/T5783	M8×20 Bolt	8	
10	D45I1-20400	Hinge	2	
11	D30A1-20007	1×2000mm Gasket	1	
12	GB/T818	M5×12 Screw	6	
13	D45I1-20005	Oil port cover	1	
14	D45I1-20002	Radiator cover	1	
-	D45I1-20001	Radiator cover	1	
-	D45R1-20001	Radiator cover	1	
15	D45I1-20010	Filler retaining ring	1	
16	D45I1-20300	Hinge mount	2	
17	GB/T5783	M8×35 Bolt	4	
18	GB/T889. 1	M8 Nut	2	
19	GB/T97. 1	8 Washer	2	
20	D30A1-20005	Bushing	2	
21	A30A5-40005	Bolt	2	
22	D45I1-20006	Back cover	1	
23	GB/T5783	M8×40 Bolt	2	
24	D30A1-20011	Packing	2	

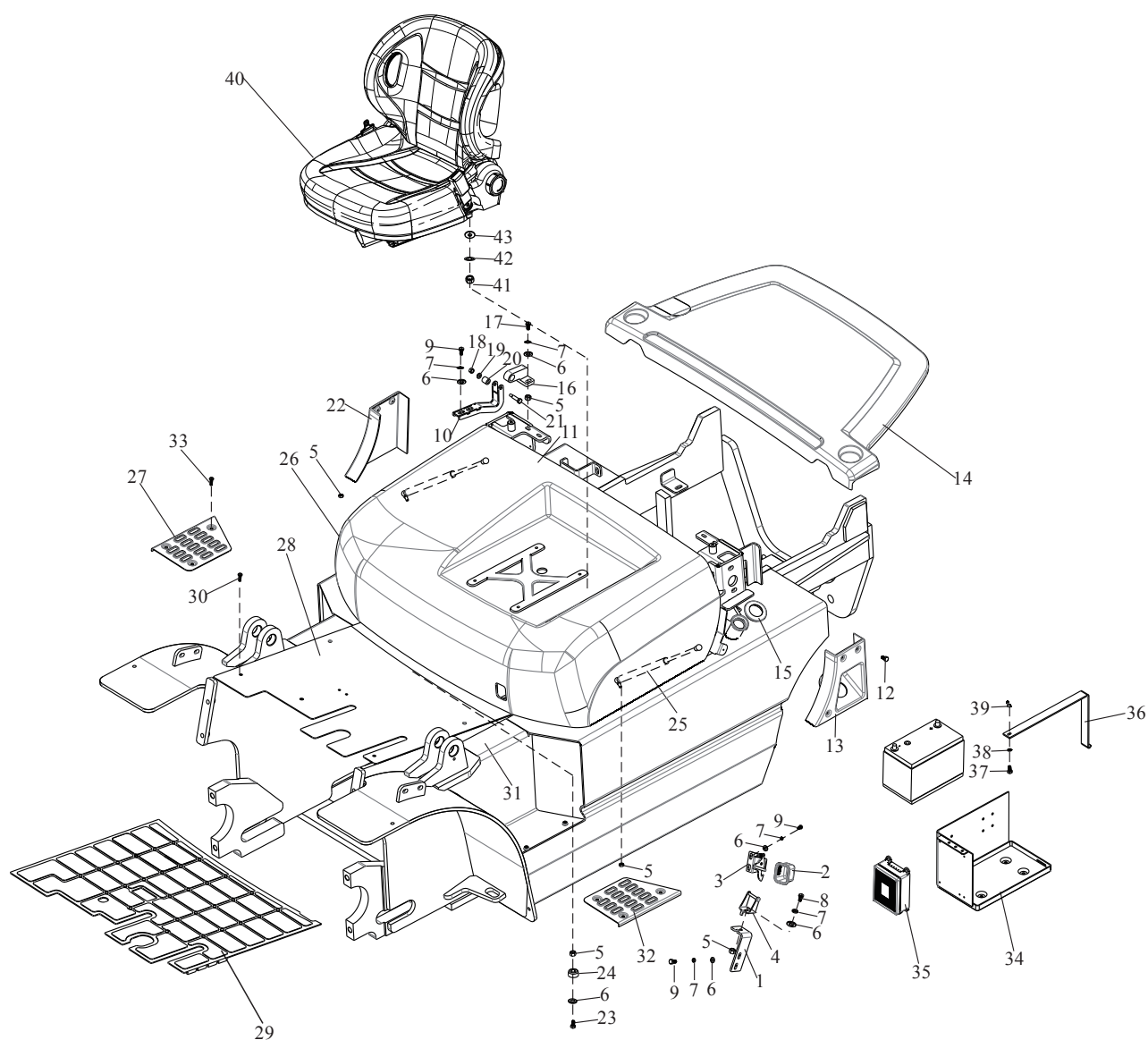
Hood, Floor Board & Seat FD40,45,50-YC4/LT1/P1/W4



Hood、Floor Board & Seat FD40,45,50-YC4/LT1/P1/W4

Item	Part No	Description	Q'ty	Remark
25	D30C1-20008	Shock,absorber	2	
26	D45I1-21100	Bonnet ass'y	1	
27	D30C1-20004	Treadboard(R.H)	1	
28	D45L1-20100	Board	1	
29	D45L1-20003	Mat-floor	1	
30	D30A1-20003	M8×16 Screw	2	
31	D45A1-20004	Above treadboard(L.H)	1	
32	D30C1-20003	Treadboard(L.H)	1	
33	GB/T5787	M8×8 Bolt	8	
34	A45L2-20500	Box	1	
35	A50B2-01000	Panel	1	
36	A45A2-09001	Pressure plate	2	
37	GB/T5783	M5×20 Bolt	2	
38	GB/T97.1	5 Washer	2	
39	GB/T62	M6 Nut	2	
40	A30A1-00100	BF2 Seat	1	
-	A30A1-00500	BF2 Seat	1	
-	A30A1-00400	Seat	1	
-	A30A1-00300	BF2 Seat	1	OPS
-	A30A1-00600	BF2 Seat	1	OPS
-	A30A1-00800	BF5 Seat	1	OPS
-	A30A1-01000	BF5 Seat	1	OPS
-	A30A1-00700	BF5 Seat	1	CE
-	A30A1-00900	BF5 Seat	1	CE
41	GB/T6170	M8 Nut	4	
42	GB/T93	8 Washer,lock	4	
43	GB/T97.1	8 Washer	4	

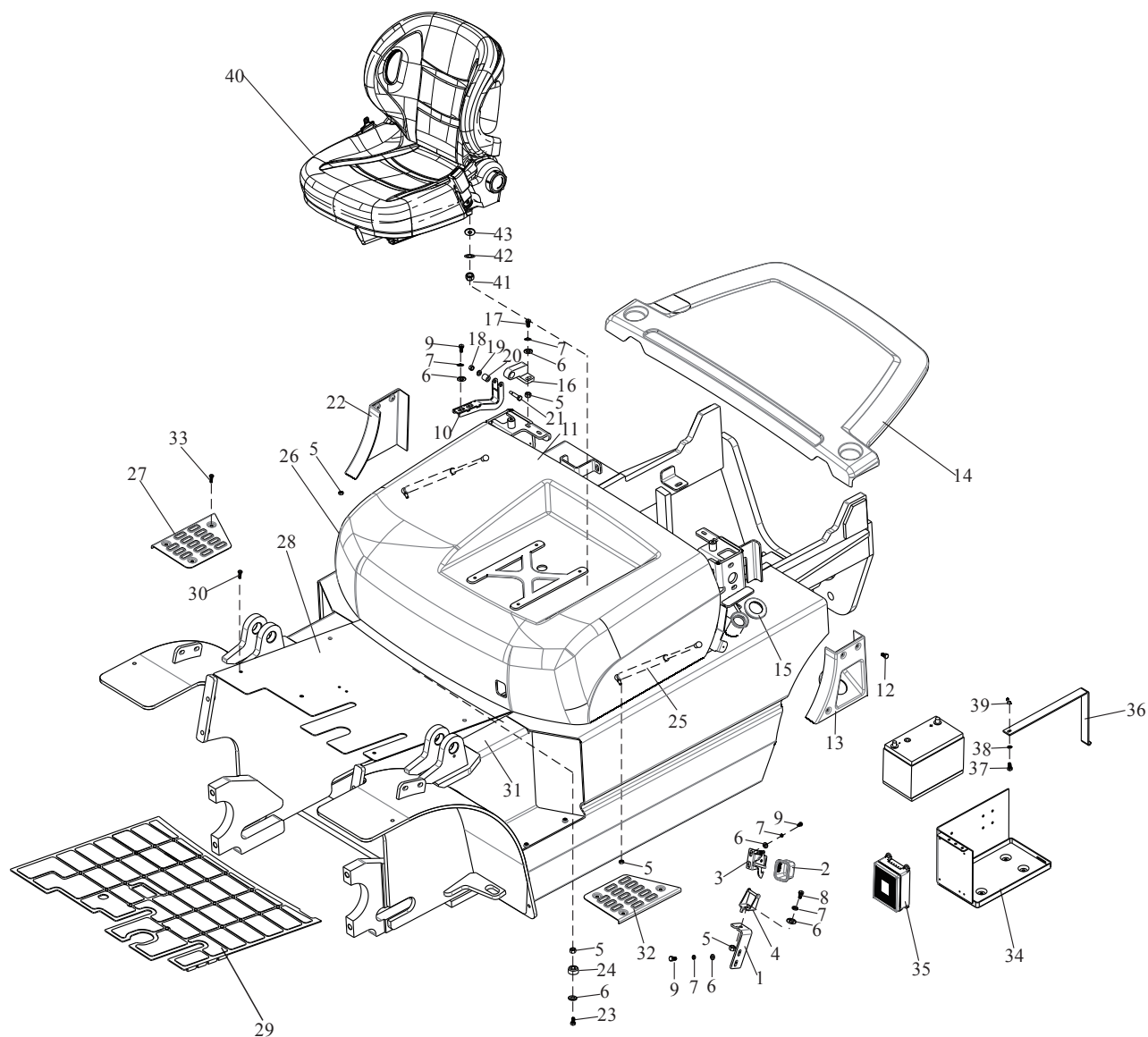
Hood, Floor Board & Seat FD40,45,50-KMS5



Hood、Floor Board & Seat FD40,45,50-KMS5

Item	Part No	Description	Q'ty	Remark
1	D50C1-20007	Locks Support	1	
2	D30A1-20701	Hook box	1	
3	D30A1-20720	Hook	1	
4	D30A1-20710	Hook	1	
5	GB/T6170	M8 Nut	9	
6	GB/T96	8 Washer	15	
7	GB/T93	8 Washer,lock	13	
8	GB/T5783	M8×25 Bolt	1	
9	GB/T5783	M8×20 Bolt	8	
10	D45I1-20400	Hinge	2	
11	D30A1-20007	1×2000mm Gasket	1	
12	GB/T818	M5×12 Screw	6	
13	D45I1-20005	Oil port cover	1	
14	D45I1-20002	Radiator cover	1	
–	D45I1-20001	Radiator cover	1	
15	D45I1-20010	Filler retaining ring	1	
16	D45I1-20300	Hinge mount	2	
17	GB/T5783	M8×35 Bolt	4	
18	GB/T889. 1	M8 Nut	2	
19	GB/T97. 1	8 Washer	2	
20	D30A1-20005	Bushing	2	
21	A30A5-40005	Bolt	2	
22	D45I1-20006	Back cover	1	
23	GB/T5783	M8×40 Bolt	2	
24	D30A1-20011	Packing	2	
25	D30C1-20008	Shock,absorber	2	
26	D45I1-21100	Bonnet ass'y	1	

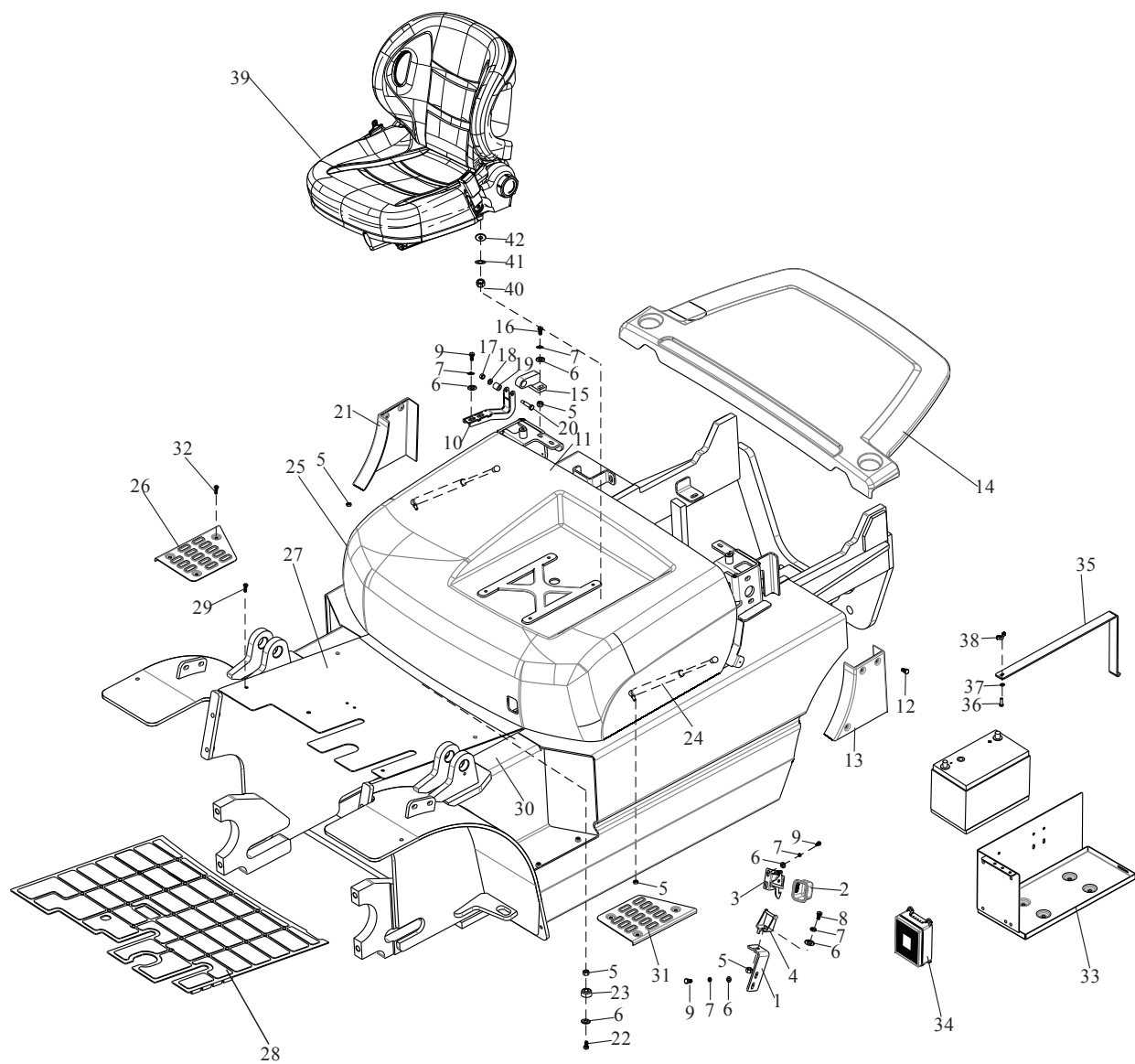
Hood, Floor Board & Seat FD40,45,50-KMS5



Hood、Floor Board & Seat FD40,45,50-KMS5

Item	Part No	Description	Q'ty	Remark
27	D30C1-20004	Treadboard(R.H)	1	
28	D45N1-20100	Board	1	
29	D45L1-20003	Mat-floor	1	
30	D30A1-20003	M8×16 Screw	2	
31	D45A1-20004	Above treadboard(L.H)	1	
32	D30C1-20003	Treadboard(L.H)	1	
33	GB/T5787	M8×8 Bolt	8	
34	D30C1-20510	Box	1	
35	A30C2-10100	Panel	1	
–	A30C2-01010	Panel	1	
36	D30C1-20502	Bracket	1	
37	GB/T5783	M6×20 Bolt	1	
38	GB/T97.1	6 Washer	1	
39	GB/T62	M6 Nut	1	
40	A30A1-00100	BF2 Seat	1	
–	A30A1-00500	BF2 Seat	1	
–	A30A1-00400	Seat	1	
–	A30A1-00300	BF2 Seat	1	OPS
–	A30A1-00600	BF2 Seat	1	OPS
–	A30A1-00800	BF5 Seat	1	OPS
–	A30A1-01000	BF5 Seat	1	OPS
–	A30A1-00700	BF5 Seat	1	CE
–	A30A1-00900	BF5 Seat	1	CE
41	GB/T6170	M8 Nut	4	
42	GB/T93	8 Washer,lock	4	
43	GB/T97.1	8 Washer	4	

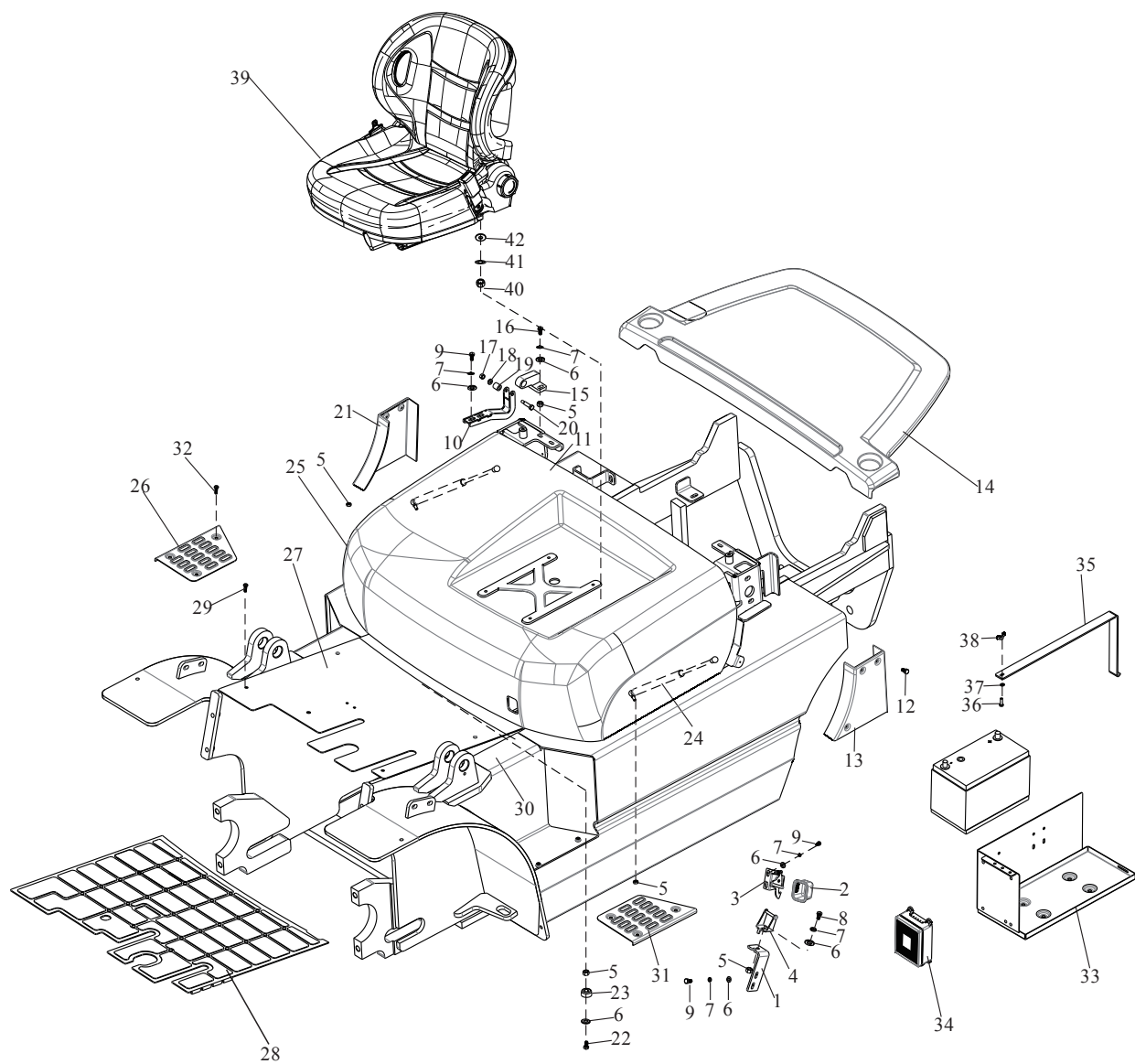
Hood, Floor Board & Seat FY40,45,50-G3/G4



Hood、Floor Board & Seat FY40,45,50-G3/G4

Item	Part No	Description	Q'ty	Remark
1	D50C1-20007	Locks Support	1	
2	D30A1-20701	Hook box	1	
3	D30A1-20720	Hook	1	
4	D30A1-20710	Hook	1	
5	GB/T6170	M8 Nut	9	
6	GB/T96	8 Washer	15	
7	GB/T93	8 Washer,lock	13	
8	GB/T5783	M8×25 Bolt	1	
9	GB/T5783	M8×20 Bolt	8	
10	D45I1-20400	Hinge	2	
11	D30A1-20007	1×2000mm Gasket	1	
12	GB/T818	M5×12 Screw	6	
13	D45M1-20002	Back cover	1	
14	D45I1-20002	Radiator cover	1	
–	D45I1-20001	Radiator cover	1	
15	D45I1-20300	Hinge mount	2	
16	GB/T5783	M8×35 Bolt	4	
17	GB/T889. 1	M8 Nut	2	
18	GB/T97. 1	8 Washer	2	
19	D30A1-20005	Bushing	2	
20	A30A5-40005	Bolt	2	
21	D45I1-20006	Back cover	1	
22	GB/T5783	M8×40 Bolt	2	
23	D30A1-20011	Packing	2	
24	D30C1-20008	Shock,absorber	2	
25	D45I1-21100	Bonnet ass'y	1	
26	D30C1-20004	Treadboard(R.H)	1	

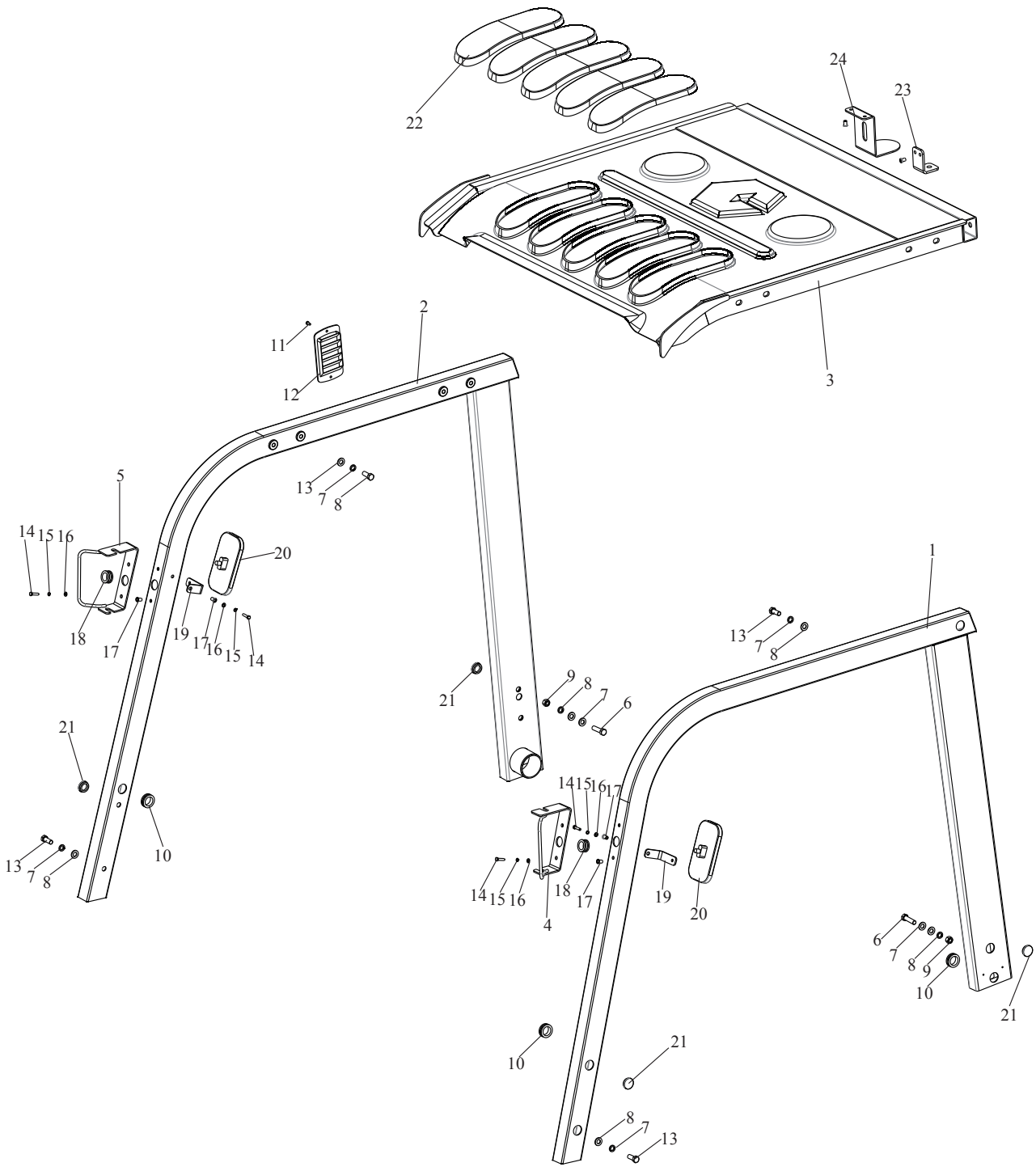
Hood, Floor Board & Seat FY40,45,50-G3/G4



Hood、Floor Board & Seat FY40,45,50-G3/G4

Item	Part No	Description	Q'ty	Remark
27	D45L1-20100	Board	1	FY40,45,50-G3
–	D45N1-20100	Board	1	FY40,45,50-G4
28	D45L1-20003	Mat-floor	1	
29	D30A1-20003	M8×16 Screw	2	
30	D45A1-20004	Above treadboard(L.H)	1	
31	D30C1-20003	Treadboard(L.H)	1	
32	GB/T5787	M8×8 Bolt	8	
33	D50F1-20110	Box	1	
34	A30C2-10100	Panel	1	
–	A30C2-01010	Panel	1	
35	D50F1-20102	Bracket	1	
36	GB/T5783	M6×20 Bolt	1	
37	GB/T97.1	6 Washer	1	
38	GB/T62	M6 Nut	1	
39	A30A1-00100	BF2 Seat	1	
–	A30A1-00500	BF2 Seat	1	
–	A30A1-00400	Seat	1	
–	A30A1-00300	BF2 Seat	1	OPS
–	A30A1-00600	BF2 Seat	1	OPS
–	A30A1-00800	BF5 Seat	1	OPS
–	A30A1-01000	BF5 Seat	1	OPS
–	A30A1-00700	BF5 Seat	1	CE
–	A30A1-00900	BF5 Seat	1	CE
40	GB/T6170	M8 Nut	4	
41	GB/T93	8 Washer,lock	4	
42	GB/T97.1	8 Washer	4	

Head guard

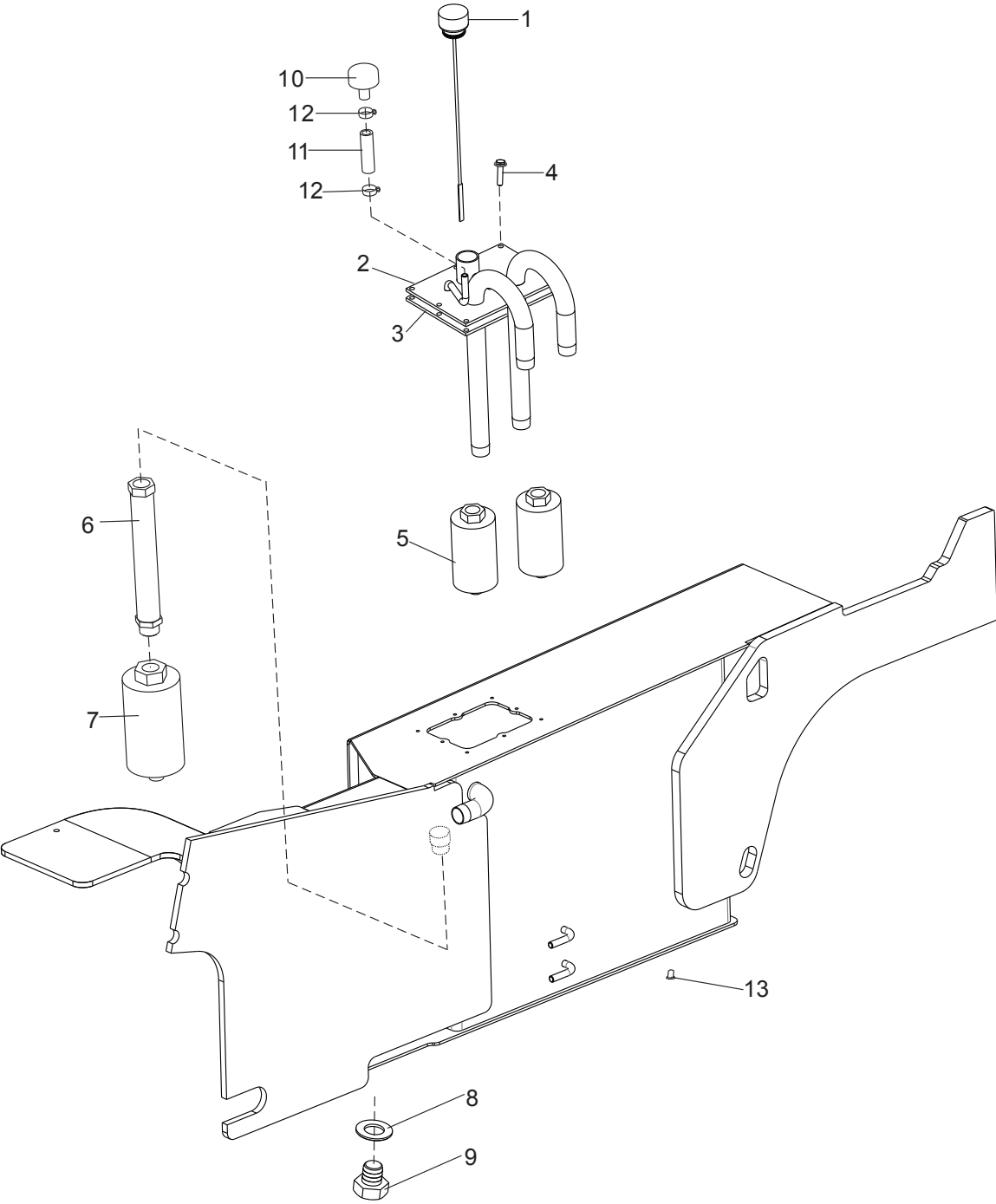


Head guard

Item	Part No	Description	Q'ty	Remark
1	D45L1-30200	Left support ass'y	1	
2	D45L1-30300	Right support ass'y	1	
3	D45L1-30100	Ceiling ass'y	1	
4	D30A1-30700L	Guard,lamp F L.H.	1	
5	D30A1-30700R	Guard,lamp F R.H.	1	
6	GB/T5783	M12×45 Bolt	4	
7	GB/T97.1	12 Washer	20	
8	GB/T93	12 Washer,lock	16	
9	GB/T6170	M12 Nut	4	
10	D30A1-30005	II Grommet	3	
11	GB/T818	M5×12 Screw	2	
12	D45I1-30003	Cover	1	
13	GB/T5783	M12×30 Bolt	12	
14	GB/T5783	M6×25 Bolt	6	
15	GB/T93	6 Washer,lock	6	
16	GB/T97.1	6 Washer	6	
17	D30C1-30001	M6 Nut	6	
18	D30A1-30004	I Grommet	2	
19	D30A1-30002	Guard	2	
20	D30A1-30800	Back-mirror	2	
21	D30A1-20001	Weight cover	6	
22	D30C1-30002	Rain cover	5	
23	D30C1-30006	Guard	1	
24	D30C1-30005	Guard	1	

HYDRAULIC SYSTEM

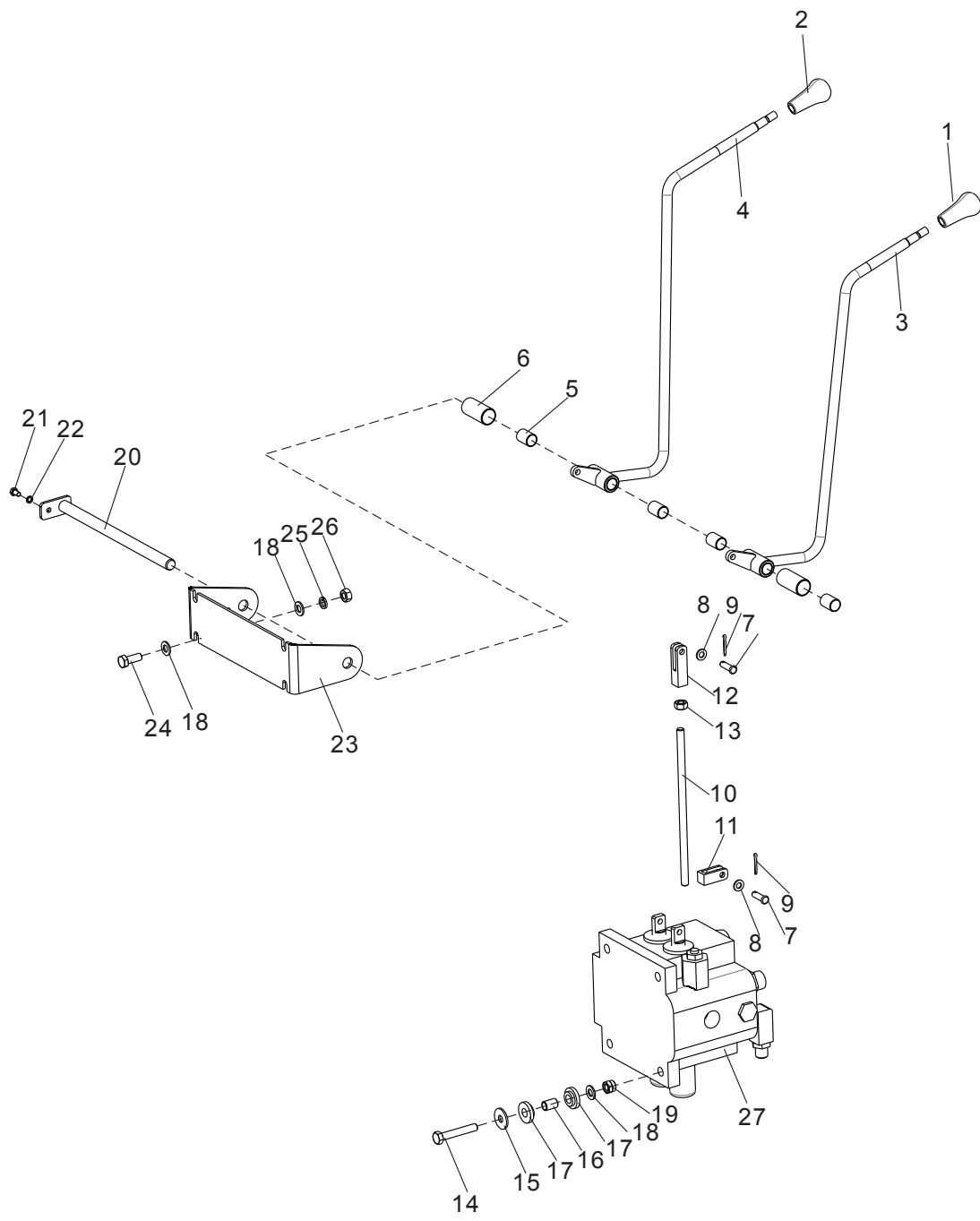
Oil tank



Oil tank

Item	Part No	Description	Q'ty	Remark
1	A50A4-50100	Oiling cap ass'y	1	
2	A45L4-50100	Coverplate ass'y	1	
3	A50A4-50001	Cover, gasket	1	
4	GB/T5787	M8×16 Bolt	8	
5	A30A4-50400	Strainer	2	
6	A45L4-50200	Steel tube ass'y	1	
7	A45A4-50400	Strainer	1	
8	A30A4-50004	ED 26 Sealing ring	1	
9	A30A4-50002	Plug, drain	1	
10	A30A4-50500	Breather	1	
11	TG000-10008	10×70 Hose	1	
12	TK000-16027	16-27 Clip	2	
13	A30A4-50003	Magnet	2	

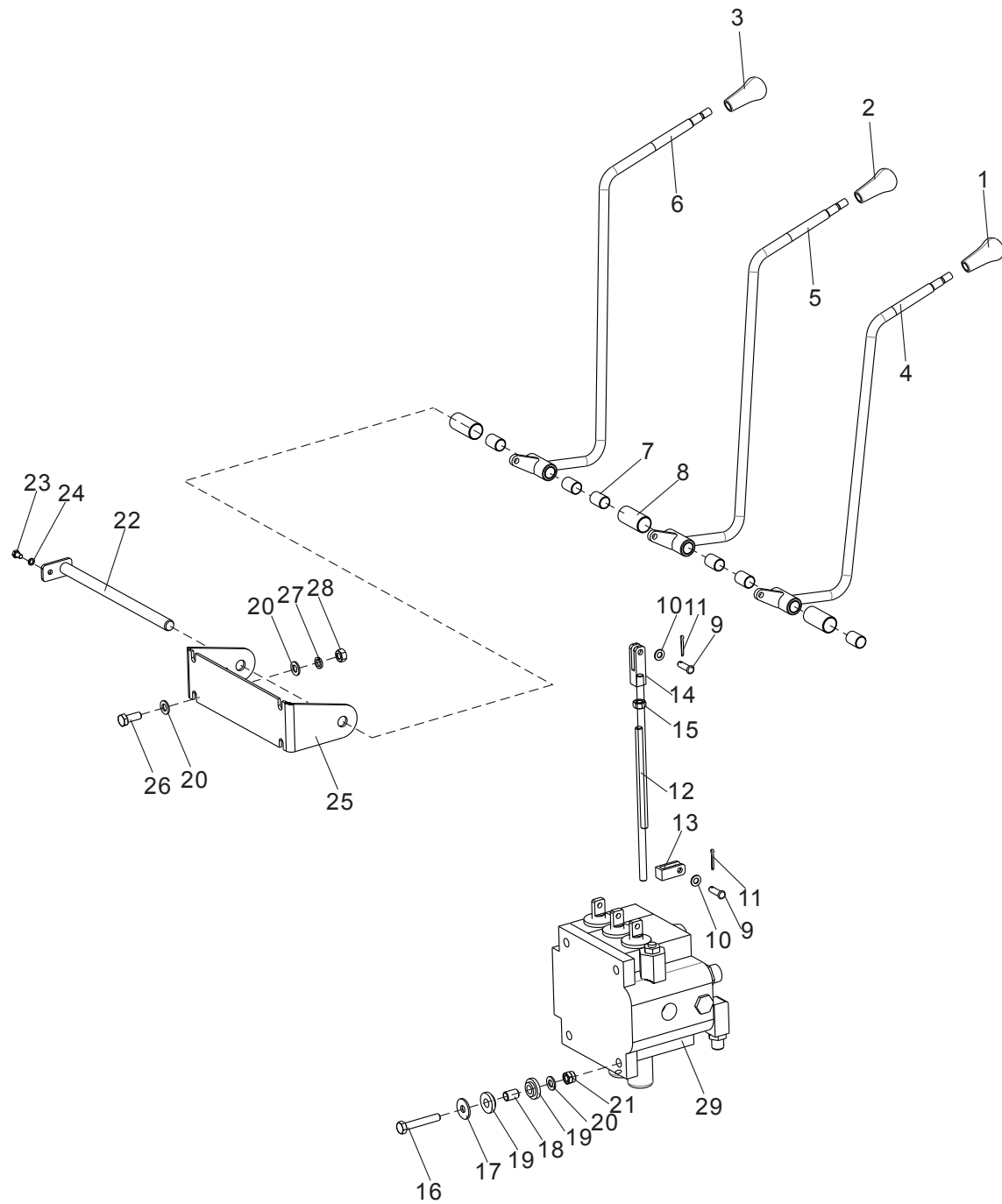
Valve control (two-throw)



Valve control (two-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A45L7-40110	Level, lift	1	
4	A45L7-40120	Level, tilt	1	
5	ZT000-16025	1625 Bushing	4	
6	A45L7-40101	Bushing	2	
7	GB/T882	8×26 Pin	4	
8	GB/T97.1	8 Washer	4	
9	GB/T91	3.2×22 Pin, cotter	4	
10	A45L7-40202	Lever	2	
11	A45L7-40201	1 Connector	2	
12	A45L7-40203	2 Connector	2	
13	GB/T6170	M10 Nut	2	
14	GB/T5782	M10×60 Bolt	4	
15	GB/T96	10 Washer	4	
16	A30A7-40001	Coller	4	
17	A30A7-40002	Rubber	8	
18	GB/T97.1	10 Washer	12	
19	GB/T889.1	M10 Nut	4	
20	A45L7-40310	Shaft, valve	1	
21	GB/T5783	M6×10 Bolt	1	
22	GB/T93	6 Washer ,lock	1	
23	A45L7-40011	Bracket, valve lever	1	
24	GB/T5783	M10×25 Bolt	4	
25	GB/T937	10 Washer ,lock	4	
26	GB/T6170	M10 Nut	4	
27	A45A4-30000*2	Control ass'y	1	
-	A45B4-30000*2	Control ass'y	1	

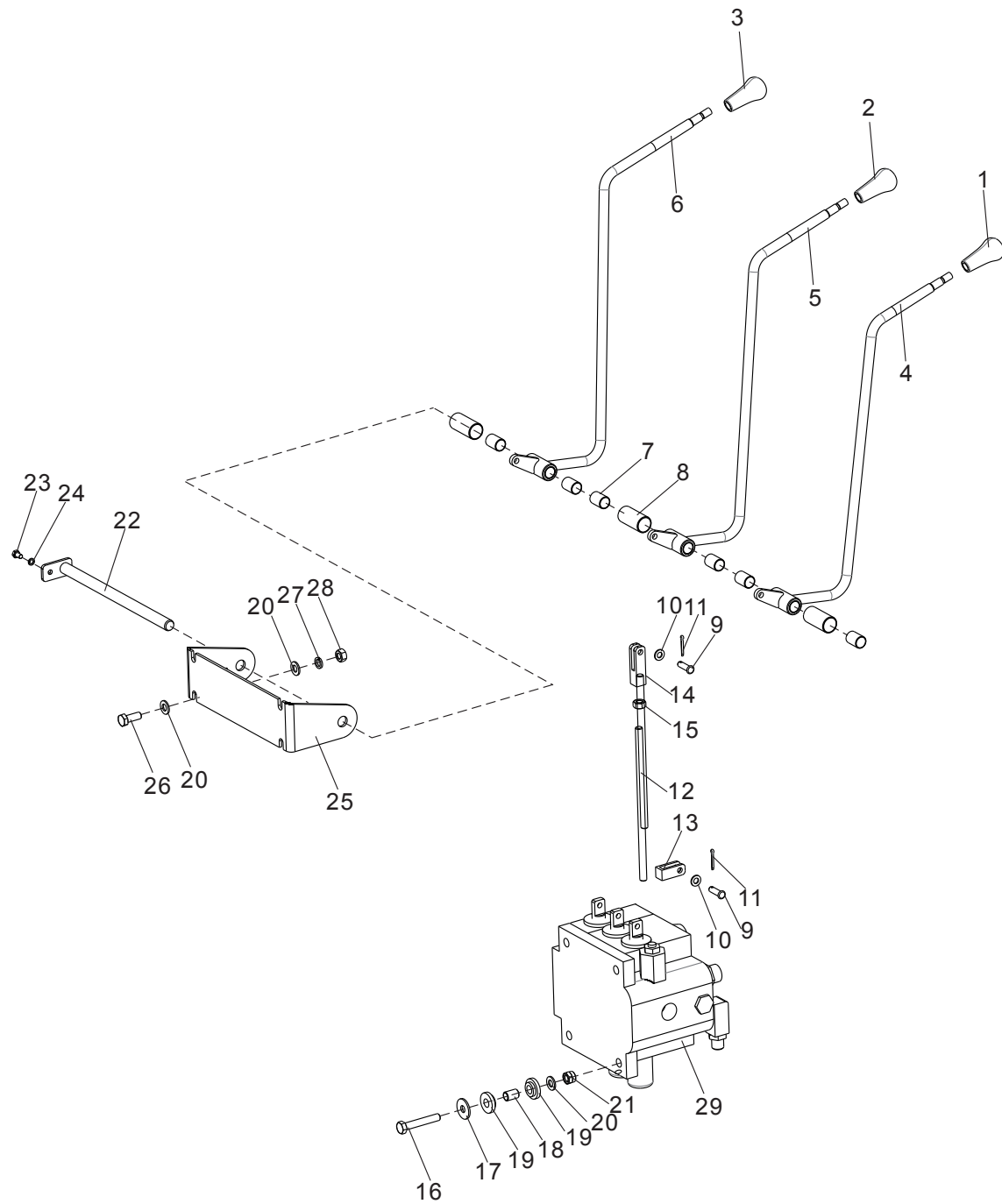
Valve control (three-throw)



Valve control (three-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A45L7-40110	Level, lift	1	
5	A45L7-40120	Level, tilt	1	
6	A45L7-40130	Lever, third	1	
7	ZT000-16025	1625 Bushing	6	
8	A45L7-40101	Bushing	3	
9	GB/T882	8×26 Pin	6	
10	GB/T97.1	8 Washer	6	
11	GB/T91	3.2×22 Pin, cotter	6	
12	A45L7-40202	Lever	3	
13	A45L7-40201	1 Connector	3	
14	A45L7-40203	2 Connector	3	
15	GB/T6170	M10 Nut	3	
16	GB/T5782	M10×60 Bolt	4	
17	GB/T96	10 Washer	4	
18	A30A7-40001	Collar	4	
19	A30A7-40002	Rubber	8	
20	GB/T97.1	10 Washer	12	
21	GB/T889.1	M10 Nut	4	
22	A45L7-40320	Shaft, valve	1	
23	GB/T5783	M6×10 Bolt	1	
24	GB/T93	6 Washer ,lock	1	
25	A45L7-40012	Bracket, valve lever	1	
26	GB/T5783	M10×25 Bolt	4	

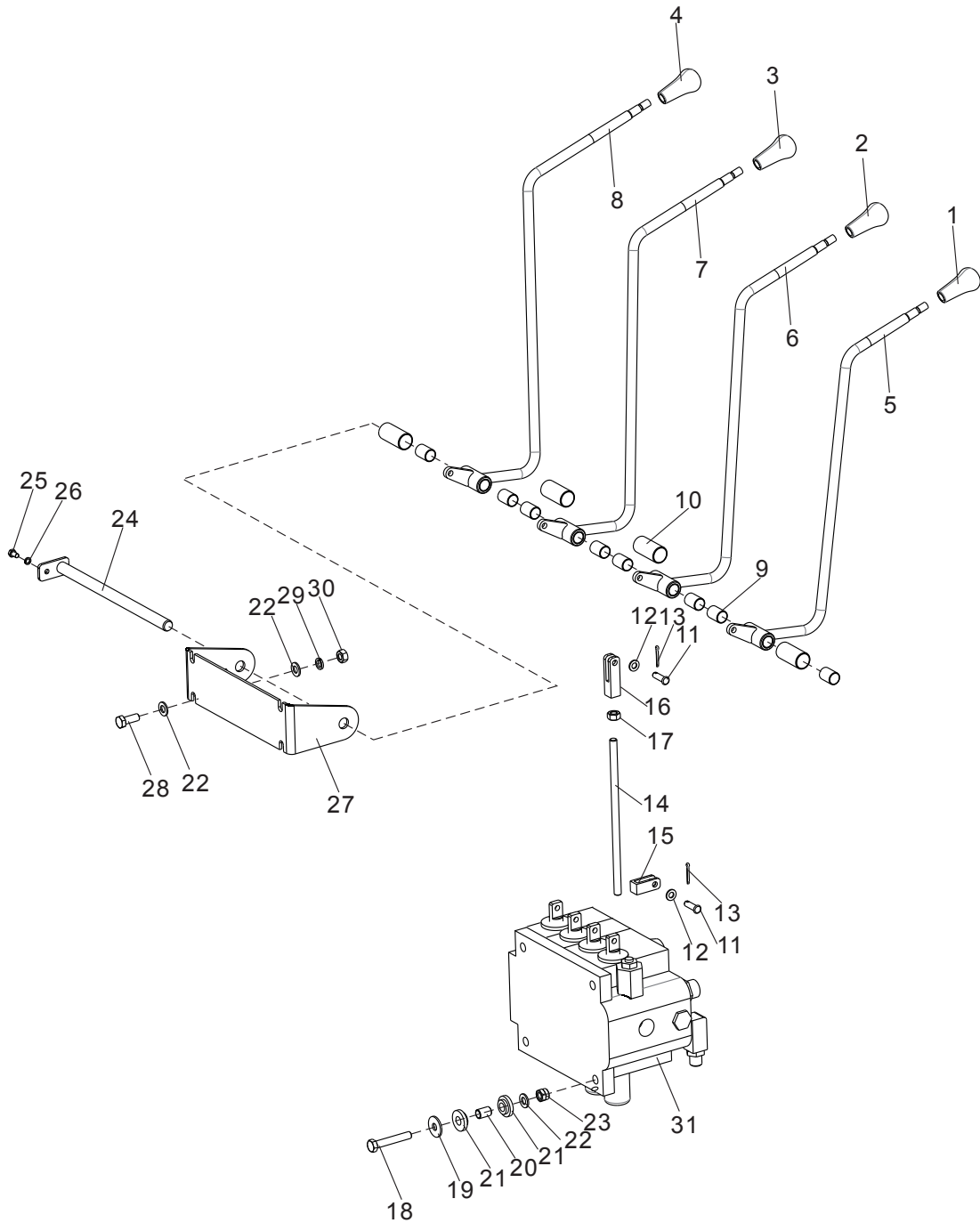
Valve control (three-throw)



Valve control (three-throw)

Item	Part No	Description	Q'ty	Remark
27	GB/T937	10 Washer ,lock	4	
28	GB/T6170	M10 Nut	4	
29	A45A4-30000*3	Control ass'y	1	
-	A45B4-30000*3	Control ass'y	1	

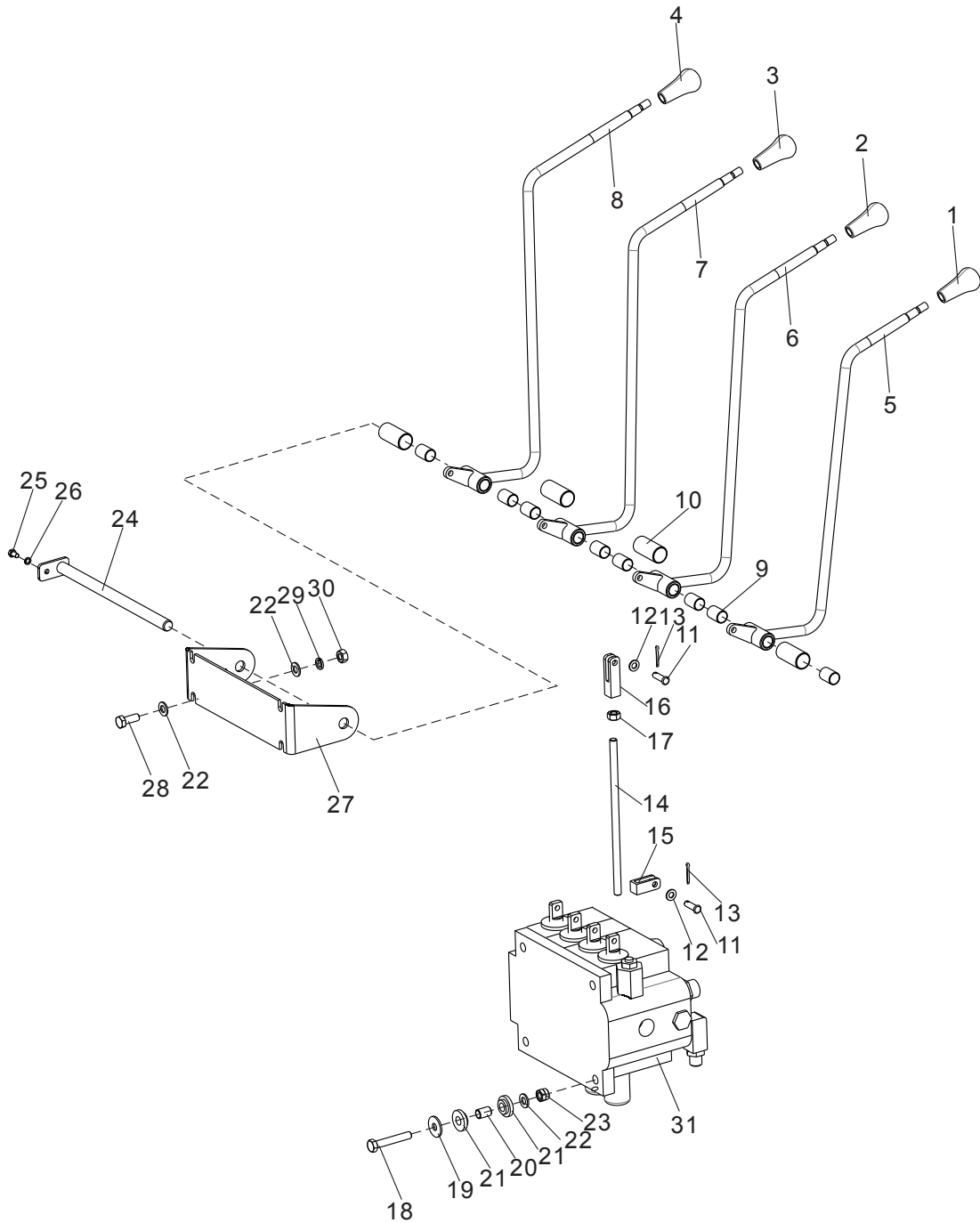
Valve control (four-throw)



Valve control (four-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A30A7-40006	Knob, clamp	1	
5	A45L7-40110	Level, lift	1	
6	A45L7-40120	Level, tilt	1	
7	A45L7-40130	Lever, third	1	
8	A45L7-40140	Lever, fourth	1	
9	ZT000-16025	1625 Bushing	8	
10	A45L7-40101	Bushing	4	
11	GB/T882	8×26 Pin	8	
12	GB/T97.1	8 Washer	8	
13	GB/T91	3.2×22 Pin, cotter	8	
14	A45L7-40202	Lever	4	
15	A45L7-40201	Connector	4	
16	A45L7-40203	Connector	4	
17	GB/T6170	M10 Nut	4	
18	GB/T5782	M10×60 Bolt	4	
19	GB/T96	10 Washer	4	
20	A30A7-40001	Coller	4	
21	A30A7-40002	Rubber	8	
22	GB/T97.1	10 Washer	12	
23	GB/T889.1	M10 Nut	4	
24	A45L7-40330	Shaft, valve	1	
25	GB/T5783	M6×10 Bolt	1	
26	GB/T93	6 Washer ,lock	1	

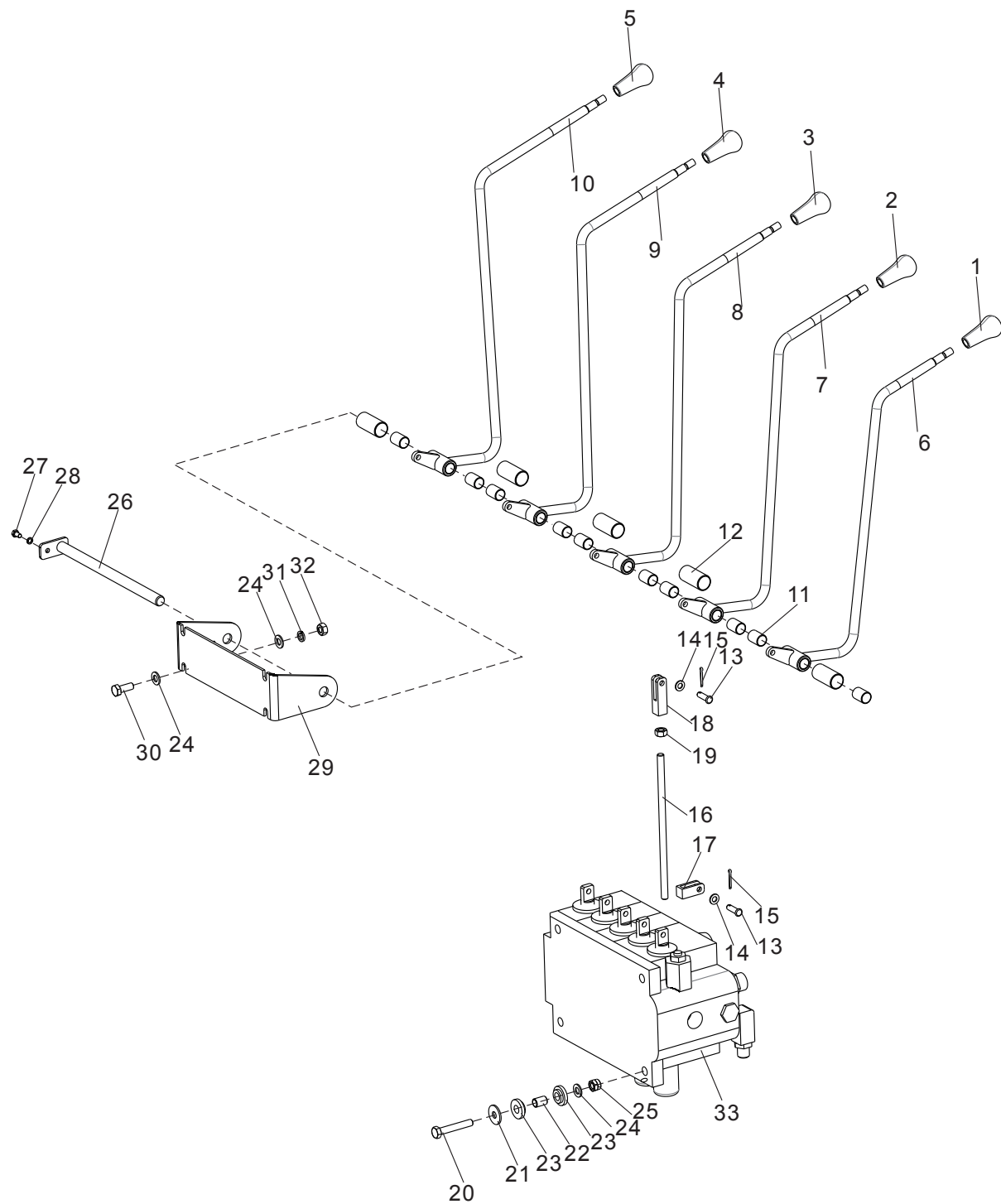
Valve control (four-throw)



Valve control (four-throw)

Item	Part No	Description	Q'ty	Remark
27	A45L7-40012	Bracket, valve lever	1	
28	GB/T5783	M10×25 Bolt	4	
29	GB/T937	10 Washer ,lock	4	
30	GB/T6170	M10 Nut	4	
31	A45A4-30000*4	Control ass'y	1	
—	A45B4-30000*4	Control ass'y	1	

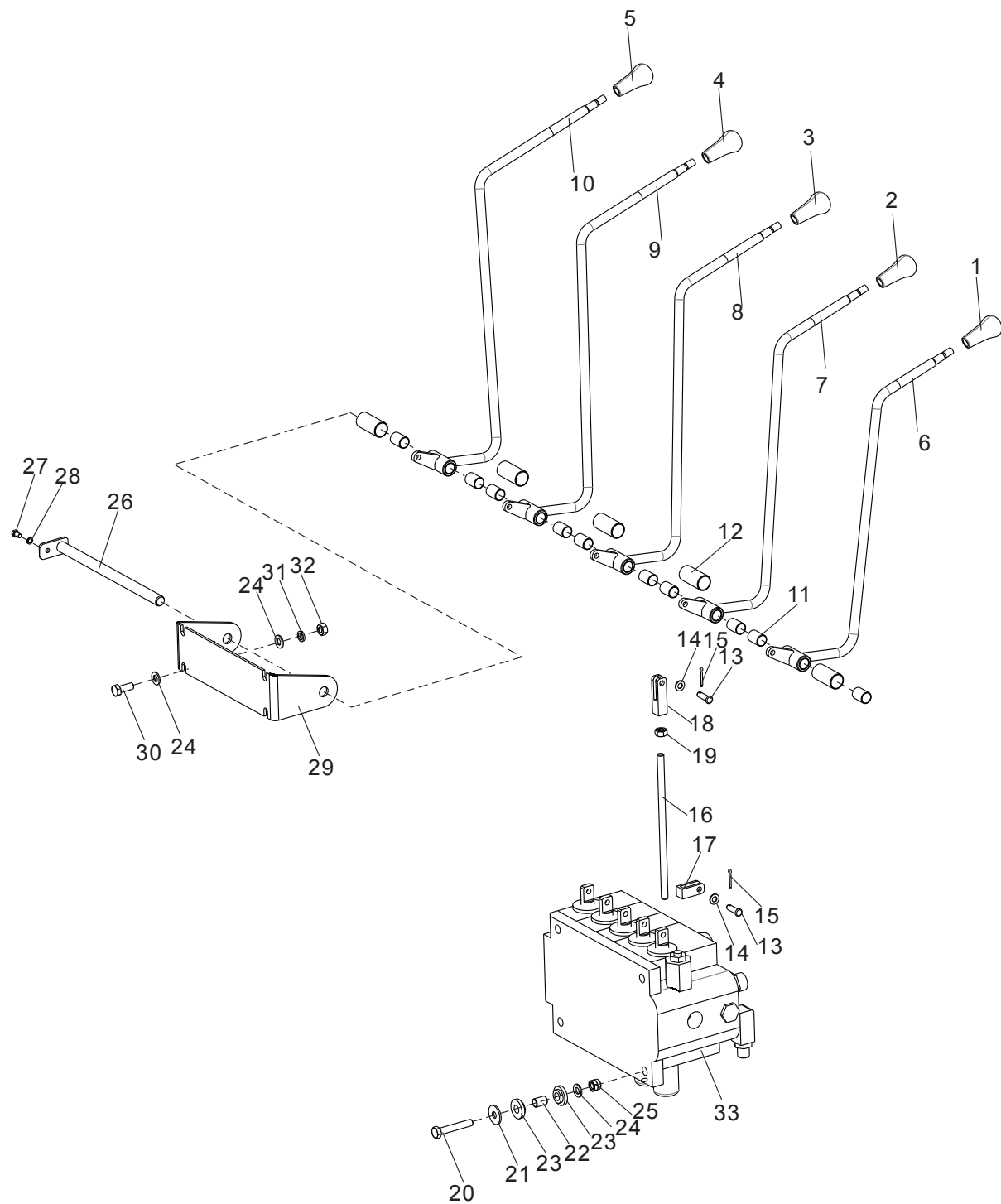
Valve control(five-throw)



Valve control (five-throw)

Item	Part No	Description	Q'ty	Remark
1	A30A7-40003	Knob, lift	1	
2	A30A7-40004	Knob, tilt	1	
3	A30A7-40005	Knob, sidesway	1	
4	A30A7-40006	Knob, clamp	1	
5	A30A7-40007	Knob, rotate	1	
6	A45L7-40110	Level, lift	1	
7	A45L7-40120	Level, tilt	1	
8	A45L7-40130	Lever, third	1	
9	A45L7-40140	Lever, fourth	1	
10	A45L7-40150	Lever, fifth	1	
11	ZT000-16025	1625 Bushing	10	
12	A45L7-40101	Bushing	5	
13	GB/T882	8×26 Pin	10	
14	GB/T97.1	8 Washer	10	
15	GB/T91	3.2×22 Pin, cotter	10	
16	A45L7-40202	Lever	5	
17	A45L7-40201	1 Connector	5	
18	A45L7-40203	2 Connector	5	
19	GB/T6170	M10 Nut	5	
20	GB/T5782	M10×60 Bolt	4	
21	GB/T96	10 Washer	4	
22	A30A7-40001	Coller	4	
23	A30A7-40002	Rubber	8	
24	GB/T97.1	10 Washer	12	
25	GB/T889.1	M10 Nut	4	
26	A45L7-40340	Shaft, valve	1	

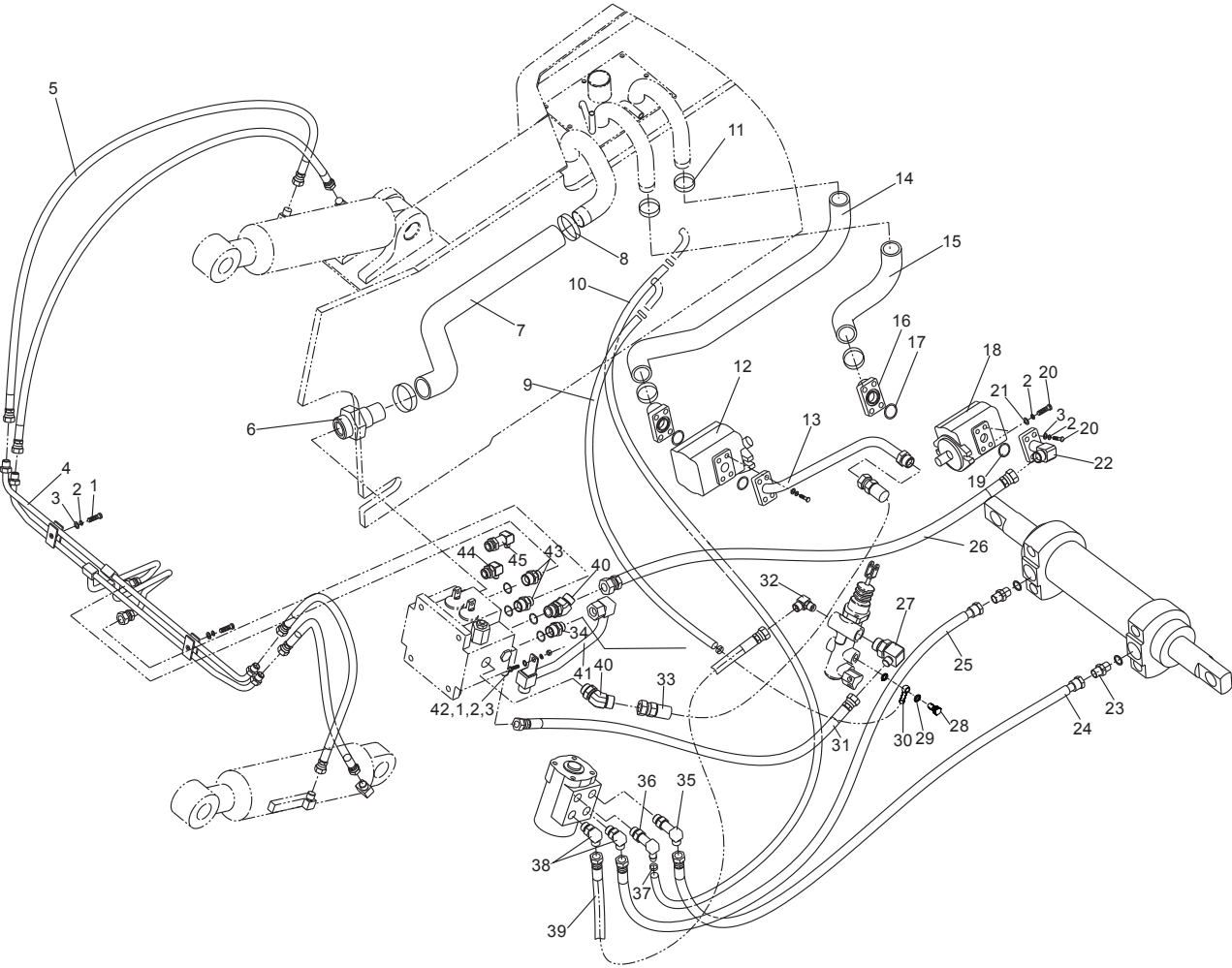
Valve control(five-throw)



Valve control (five-throw)

Item	Part No	Description	Q'ty	Remark
27	GB/T5783	M6×10 Bolt	1	
28	GB/T93	6 Washer ,lock	1	
29	A45L7-40014	Bracket, valve lever	1	
30	GB/T5783	M10×25 Bolt	4	
31	GB/T937	10 Washer ,lock	4	
32	GB/T6170	M10 Nut	4	
33	A45A4-30000*5	Control ass'y	1	
-	A45B4-30000*5	Control ass'y	1	

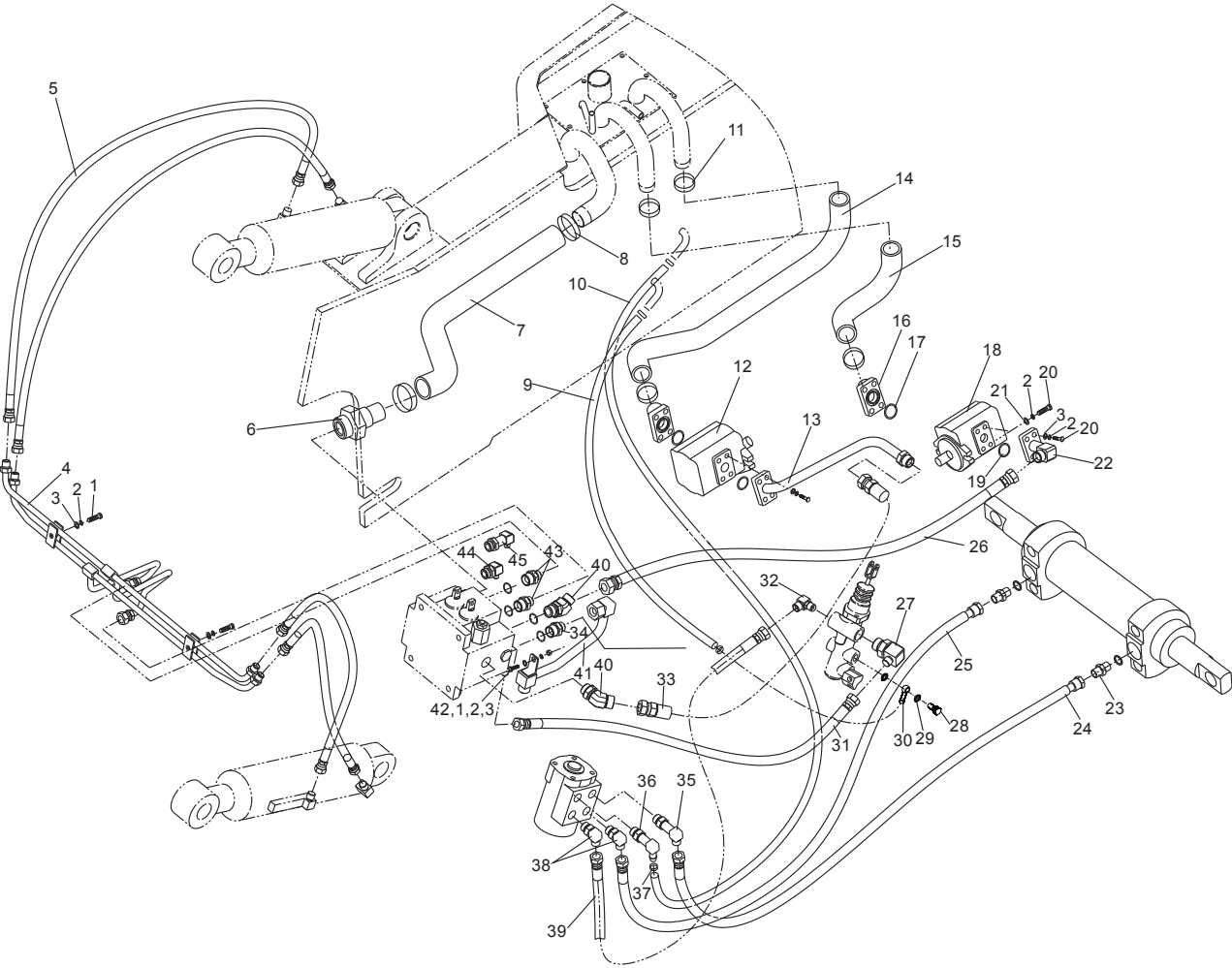
Hydraulic pipeline(EX-B)



Hydraulic pipeline(EX-B)

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M10×30 Bolt	3	
2	GB/T93	10 Washer,lock	23	
3	GB/T97.1	10 Washer	19	
4	A45A4-00100	Steel pipe ass'y	1	
5	TGIBII-08037*J	8II×370 Hose H. P	4	
6	GJT-48-00	Joint	1	
7	A45J4-00003	Pipe	1	
—	A45J4-00004	Pipe	1	
—	A45J4-00005	Pipe	1	
8	8JA08-06420	64×44 Clip	2	
9	TG000-13140	13×1400 Pipe	1	
10	TG000-13180	13×1800 Pipe	1	
11	8JA08-05116	51×35 Clip	4	
12	A45A4-20200	R Gear pump	1	
13	A45A2-00200	Pipe ass'y	1	
14	A45B4-00002	II Pipe	1	
15	A45B4-00001	I Pipe	1	
16	GJT-92-00	Elbow	2	
17	GB/T3452.1	32.5×3.55 O-ring	2	
18	A45A4-20100	L Gear pump	1	
19	GB/T3452.1	25×3.55 O-ring	2	
20	GB/T5786	M10×1.25×30 Bolt	20	
21	GB/T97.1	10 Washer	4	
22	GJT-213-00	Elbow	1	

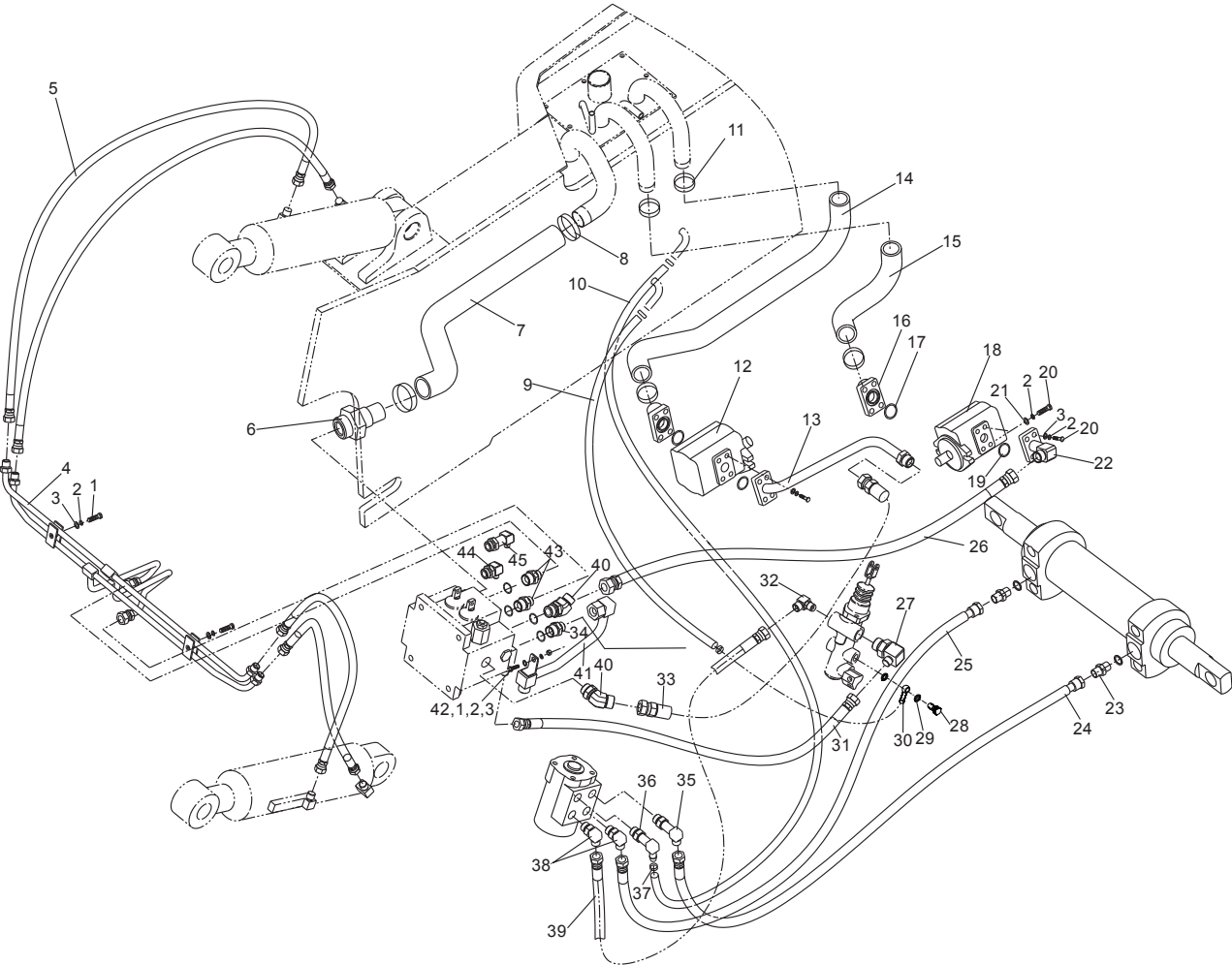
Hydraulic pipeline(EX-B)



Hydraulic pipeline(EX-B)

Item	Part No	Description	Q'ty	Remark
23	GJT-51-00	Nipple	2	
24	TGIBI-10240*G	10I×2400 Hose H. P	1	
25	TGIBI-10255*G	10I×2550 Hose H. P	1	
26	TGIBII-16050*G	16II×500 Hose H. P	1	
27	GJT-94-00	Elbow	1	
28	A45A4-00008	M16 Bolt	1	
29	JB/T982	16 Washer	2	
30	GJT-190-00	M16 Nipple	1	
31	TGIBI-10046*G	10I×460 Hose H. P	1	
32	GJT-218-00	Elbow	1	
33	TGIBII-16100NL*J	16II×1000 Hose H. P	1	
34	GJT-47-00	Nipple	1	
35	GJT-54-00	Elbow	1	
36	GJT-13-00	Elbow	1	
37	8JA08-02509	25×16 Clip	6	
38	GJT-55-00	Elbow	2	
39	TGIBI-10040*G	10I×400 Hose H. P	1	
40	GJT-212-00	135° Elbow	2	
41	GJT-97-00	Pipe ass'y	1	
42	GB/T6170	M10 Nut	1	
43	GJT-100-00	Nipple	2	
44	GJT-467-00	Elbow	1	
–	GJT-467-00	Elbow	2	
45	GJT-466-00	Elbow	1	
–	GJT-466-00	Elbow	2	

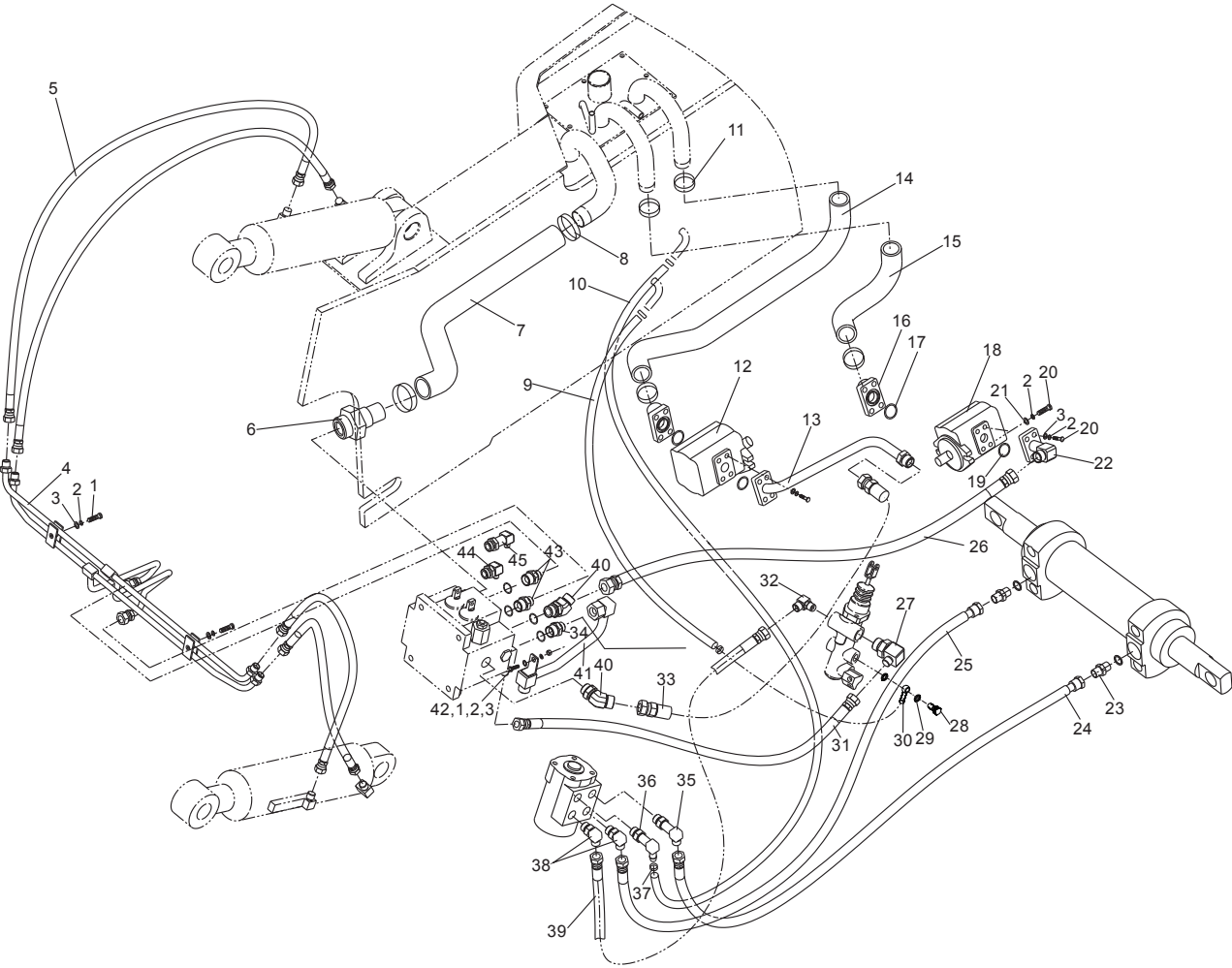
Hydraulic pipeline(EX-A)



Hydraulic pipeline(EX-A)

Item	Part No	Description	Q'ty	Remark
1	GB/T5783	M10×30 Bolt	3	
2	GB/T93	10 Washer,lock	23	
3	GB/T97.1	10 Washer	19	
4	A45A4-00100	Steel pipe ass'y	1	
5	TGIBII-08037*J	8II×370 Hose H. P	4	
6	GJT-48-00	Joint	1	
7	A45J4-00003	Pipe	1	
—	A45J4-00004	Pipe	1	
—	A45J4-00005	Pipe	1	
8	8JA08-06420	64×44 Clip	2	
9	TG000-13140	13×1400 Pipe	1	
10	TG000-13180	13×1800 Pipe	1	
11	8JA08-05116	51×35 Clip	4	
12	A45A4-20200	R Gear pump	1	
13	A45A2-00200	Pipe ass'y	1	
14	A45B4-00002	II Pipe	1	
15	A45B4-00001	I Pipe	1	
16	GJT-92-00	Elbow	2	
17	GB/T3452.1	32.5×3.55 O-ring	2	
18	A45A4-20100	L Gear pump	1	
19	GB/T3452.1	25×3.55 O-ring	2	
20	GB/T5786	M10×1.25×30 Bolt	20	
21	GB/T97.1	10 Washer	4	
22	GJT-213-00	Elbow	1	

Hydraulic pipeline(EX-A)

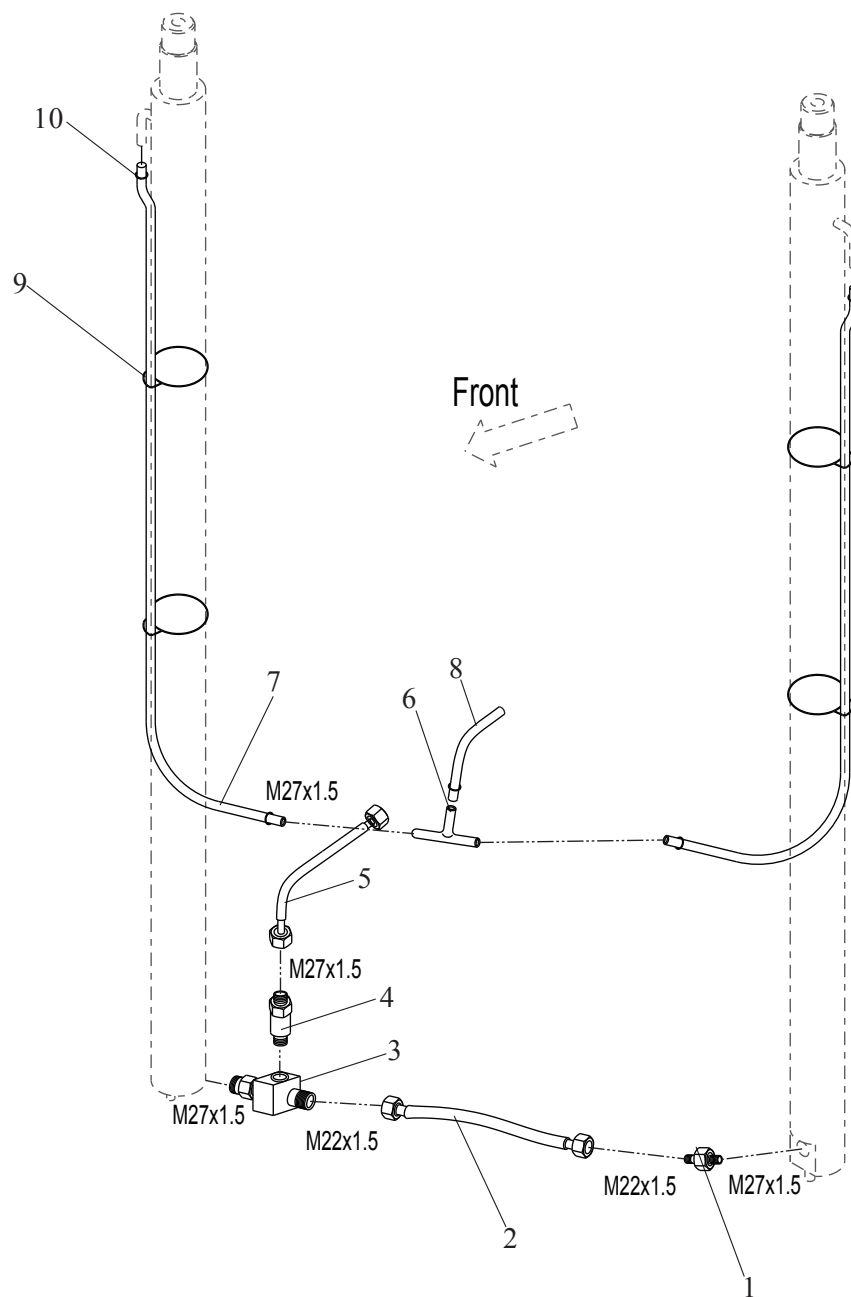


Hydraulic pipeline(EX-A)

Item	Part No	Description	Q'ty	Remark
23	GJT-384-00	Nipple	2	
24	TGICI-10240*G	10I×2400 Hose H. P	1	
25	TGICI-10255*G	10I×2550 Hose H. P	1	
26	TGIBII-16050*G	16II×500 Hose H. P	1	
27	GJT-94-00	Elbow	1	
28	A45A4-00008	M16 Bolt	1	
29	JB/T982	16 Washer	2	
30	GJT-190-00	M16 Nipple	1	
31	TGIBI-10046*G	10I×460 Hose H. P	1	
32	GJT-505-00	Elbow	1	
33	TGIBII-16100NL*J	16II×1000 Hose H. P	1	
34	GJT-503-00	Nipple	1	
35	GJT-383-00	Elbow	1	
36	GJT-13-00	Elbow	1	
37	8JA08-02509	25×16 Clip	6	
38	GJT-385-00	Elbow	2	
39	TGICI-10040*G	10I×400 Hose H. P	1	
40	GJT-212-00	135° Elbow	2	
41	GJT-504-00	Pipe ass'y	1	
42	GB/T6170	M10 Nut	1	
43	GJT-100-00	Nipple	2	
44	GJT-518-00	Elbow	1	
–	GJT-518-00	Elbow	2	
45	GJT-519-00	Elbow	1	
–	GJT-519-00	Elbow	2	

LIFTING SYSTEM

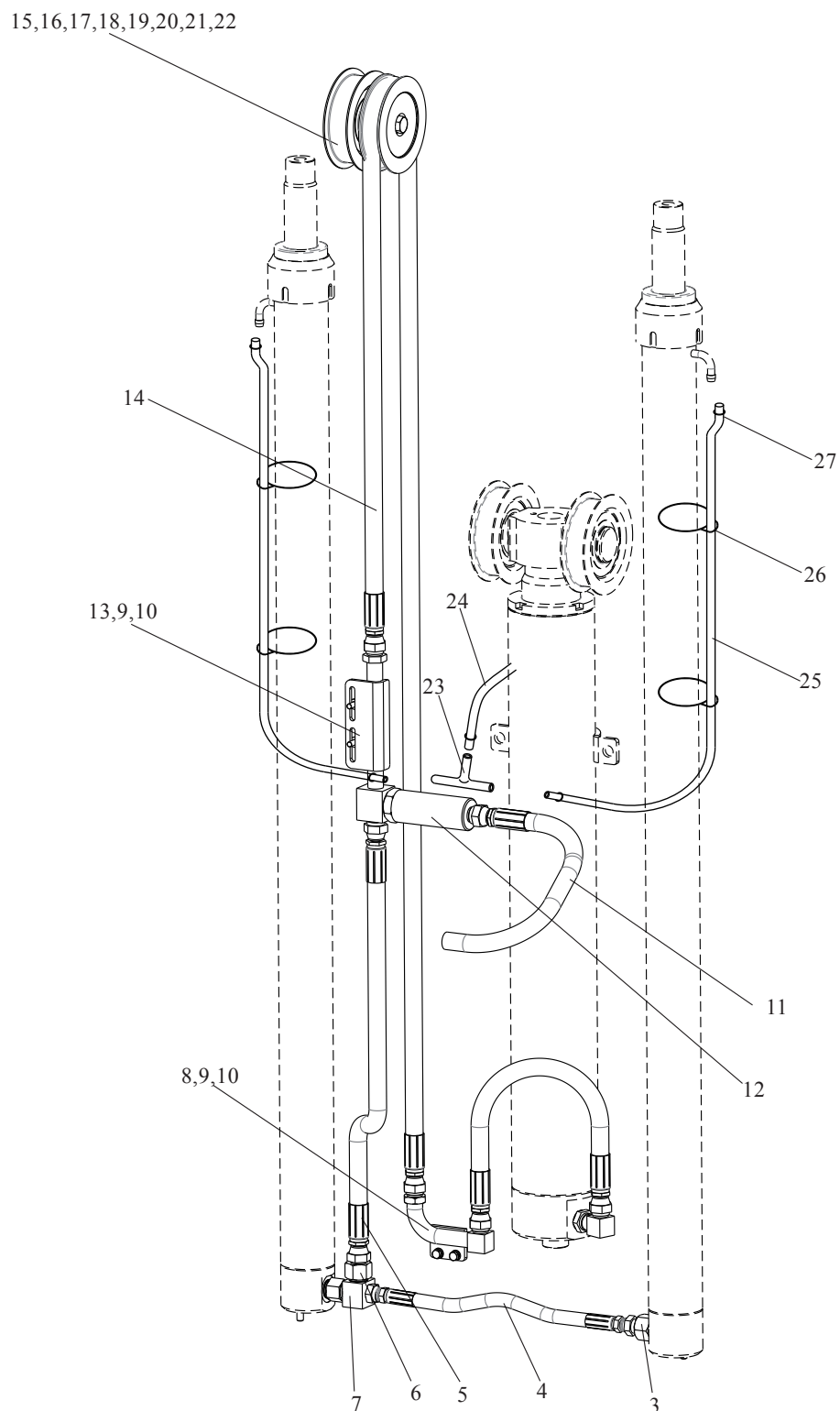
Hydraulic system mast(Normal mast KM)



Hydraulic system mast(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	GJT-42-00	Connector	1	EX-B
–	GJT-404-00	Connector	1	EX-A
2	TGIBII-13040*J	13II×400 Hose H.P.	1	EX-B
–	TGICII-13040*J	13II×400 Hose H.P.	1	EX-A
3	GJT-194-00	Three way connector	1	EX-B
–	GJT-506-00	Three way connector	1	EX-A
4	GJT-85-00	4.5t Flow regulator	1	EX-B
–	GJT-423-00	4.5t Flow regulator	1	EX-A
5	M45A3-70100	(16×720) Hose H.P.	1	EX-B
–	M45B3-70100	(16×720) Hose H.P.	1	EX-A
6	GJT-01-00	joint	1	
7	HG4-404-82	d12×L Tube vinyl	2	
8	HG4-404-82	d12×L Tube vinyl	1	
9	TQ000-08035	8×350 Band	4	
10	TK000-10014	Clip	6	

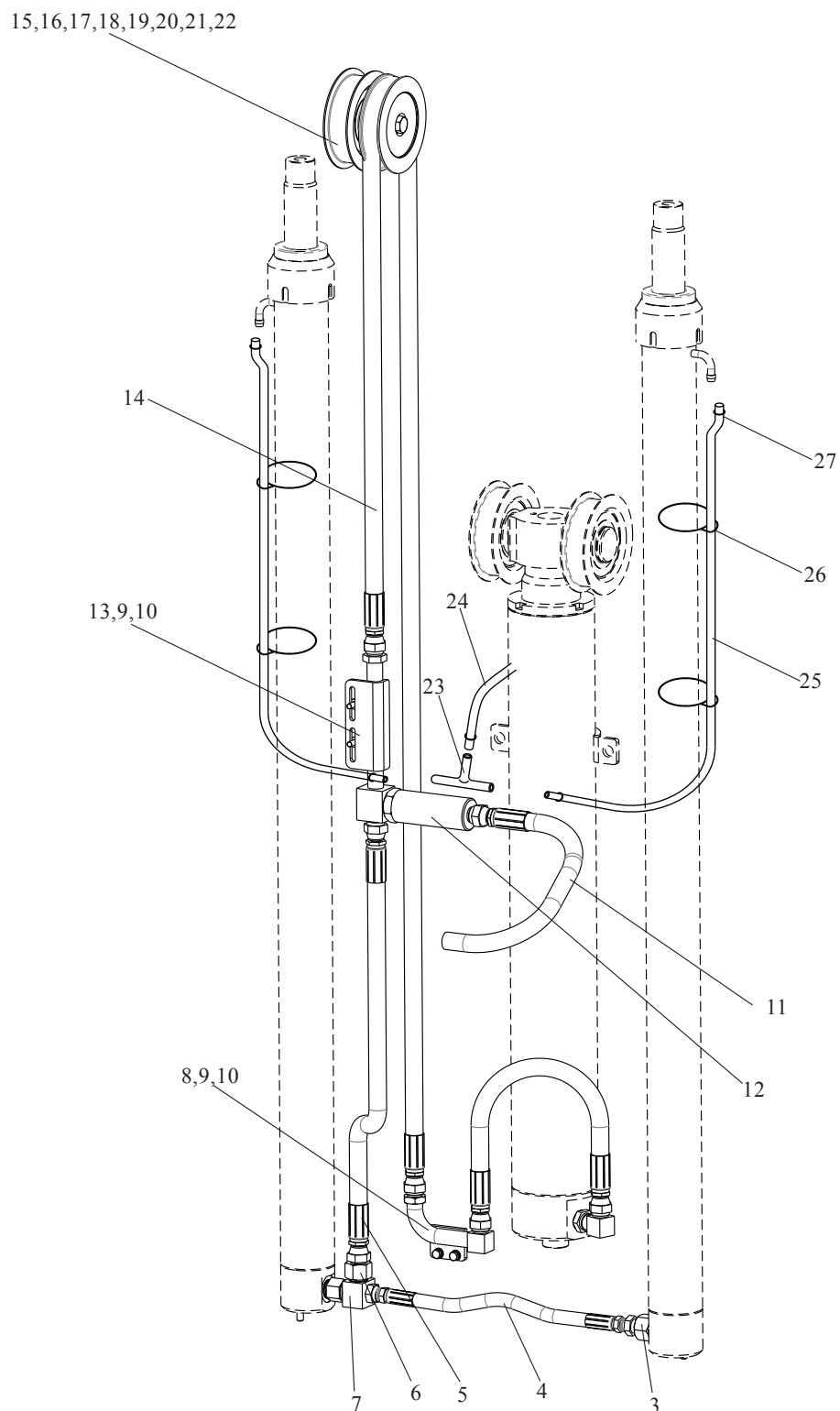
Hydraulic system mast(Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
1	TGLBII-16070-H55NL*J	16II×700 Hose H.P.	1	EX-B
–	S45B3-70500	Hose H.P.	1	EX-A
2	GJT-85-00	4.5t Flow regulator	1	EX-B
–	GJT-423-00	4.5t Flow regulator	1	EX-A
3	GJT-42-00	Connector	1	EX-B
–	GJT-404-00	Connector	1	EX-A
4	TGIBII-13048NL*J	13II×480 Hose H.P.	1	EX-B
–	TGICII-13048NL*J	13II×480 Hose H.P.	1	EX-A
5	TGIBII-16072NL*J	16II×720 Hose H.P.	1	EX-B
–	TGICII-16072NL*J	16II×720 Hose H.P.	1	EX-A
6	GJT-172-00	Connector	1	EX-B
–	GJT-494-00	Connector	1	EX-A
7	GJT-41-00	Three way connector	1	EX-B
–	GJT-422-00	Three way connector	1	EX-A
8	S45B3-70100	Hose H.P.	1	EX-B
–	S45B3-70300	Hose H.P.	1	EX-A
9	GB/T5783	M8×20 Bolt	4	
10	GB/T93	8 Washer,lock	4	
11	GJT-160-00	Connector	1	EX-B
–	GJT-442-00	Connector	1	EX-A
12	TGIBII-16058NL*J	16II×580 Hose H.P.	1	EX-B
–	TGICII-16058NL*J	16II×580 Hose H.P.	1	EX-A
13	S45B3-70200	Hose H.P.	1	EX-B
–	S45B3-70400	Hose H.P.	1	EX-A

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



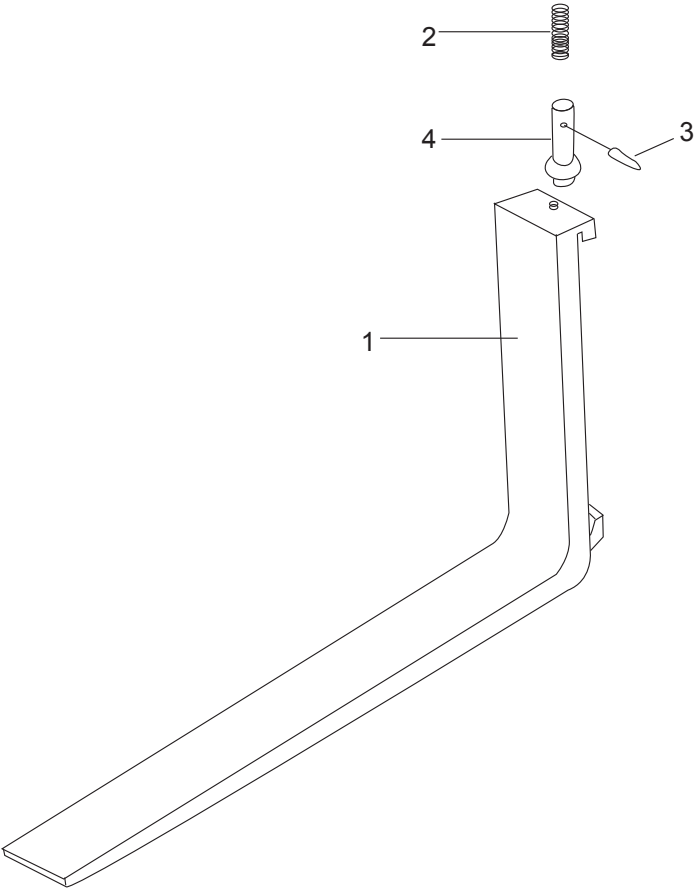
Hydraulic system mast(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
14	TGIBII-16XXXNL*J	16II×L Hose H.P.	1	EX-B
–	TGICII-16XXXNL*J	16II×L Hose H.P.	1	EX-A
15	S45B3-70001	Pulley	1	
16	S45B3-70002	Bushing	1	
17	GB/T5786	M16×1.5×70 Bolt	1	
18	GB/T93	16 Washer,lock	1	
19	GB/T97.1	16 Washer	1	
20	6005	Bearing	1	
21	GB/T894. 1	25 Ring	1	
22	GB/T893. 1	47 Ring	1	
23	GJT-01-00	joint	1	
24	HG4-404-82	d12×L Tube vinyl	2	
25	HG4-404-82	d12×L Tube vinyl	1	
26	TQ000-08035	8×350 Band	4	
27	TK000-10014	Clip	6	

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

(Mast Piping Optional Parts)		
Lifting Height	Hose(mm)	Remark
3700	2200	
4000	2400	
4350	2600	
4500	2700	
4800	2900	
5000	3050	
5500	3350	
6000	3900	

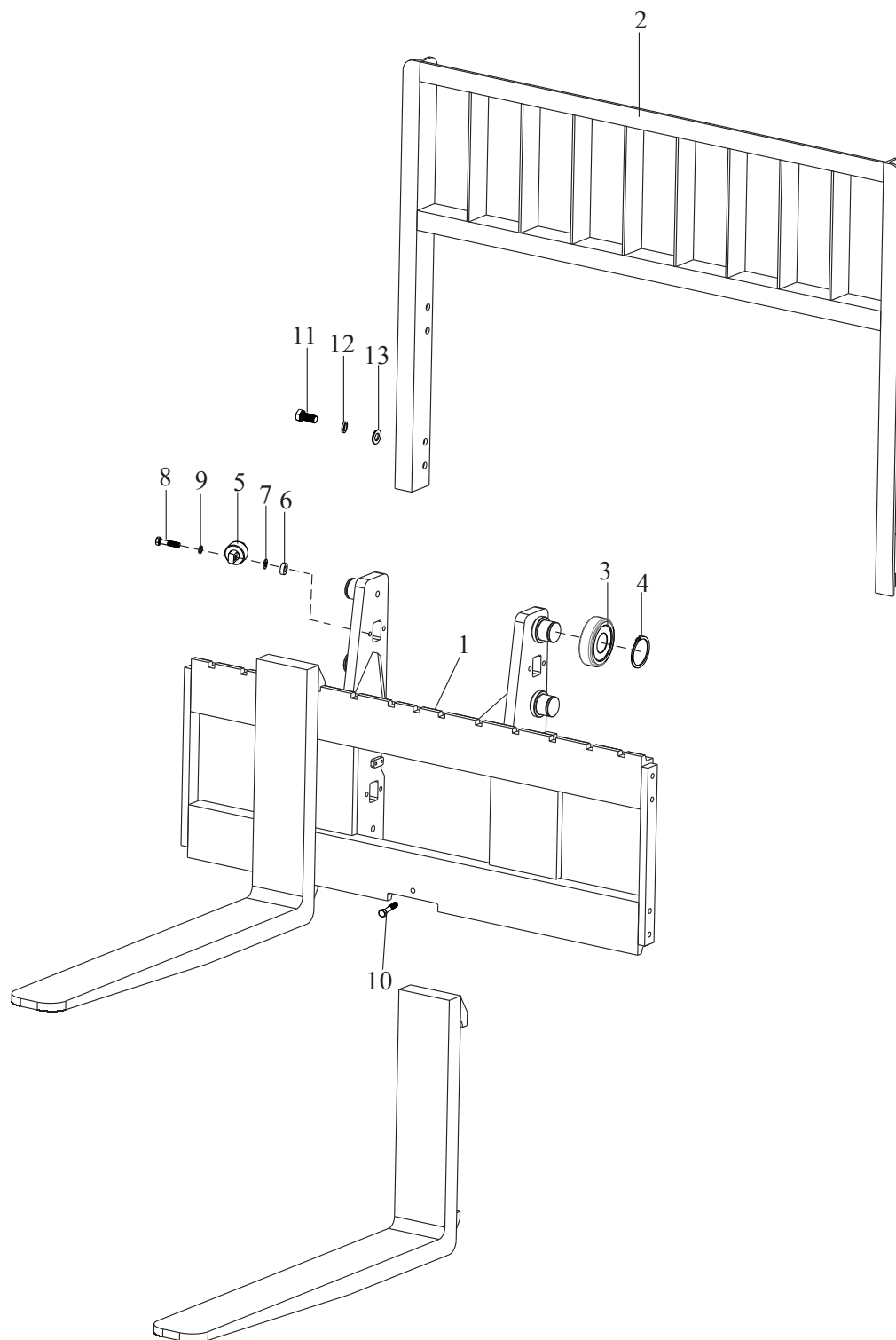
Fork



Fork

Item	Part No	Description	Q'ty	Remark
1	M45A3-90000	Fork ass'y	2	
2	M45A3-90001	Spring	2	
3	M45A3-90002	Pin	2	
4	M45A3-90003	Pin, stopper	2	

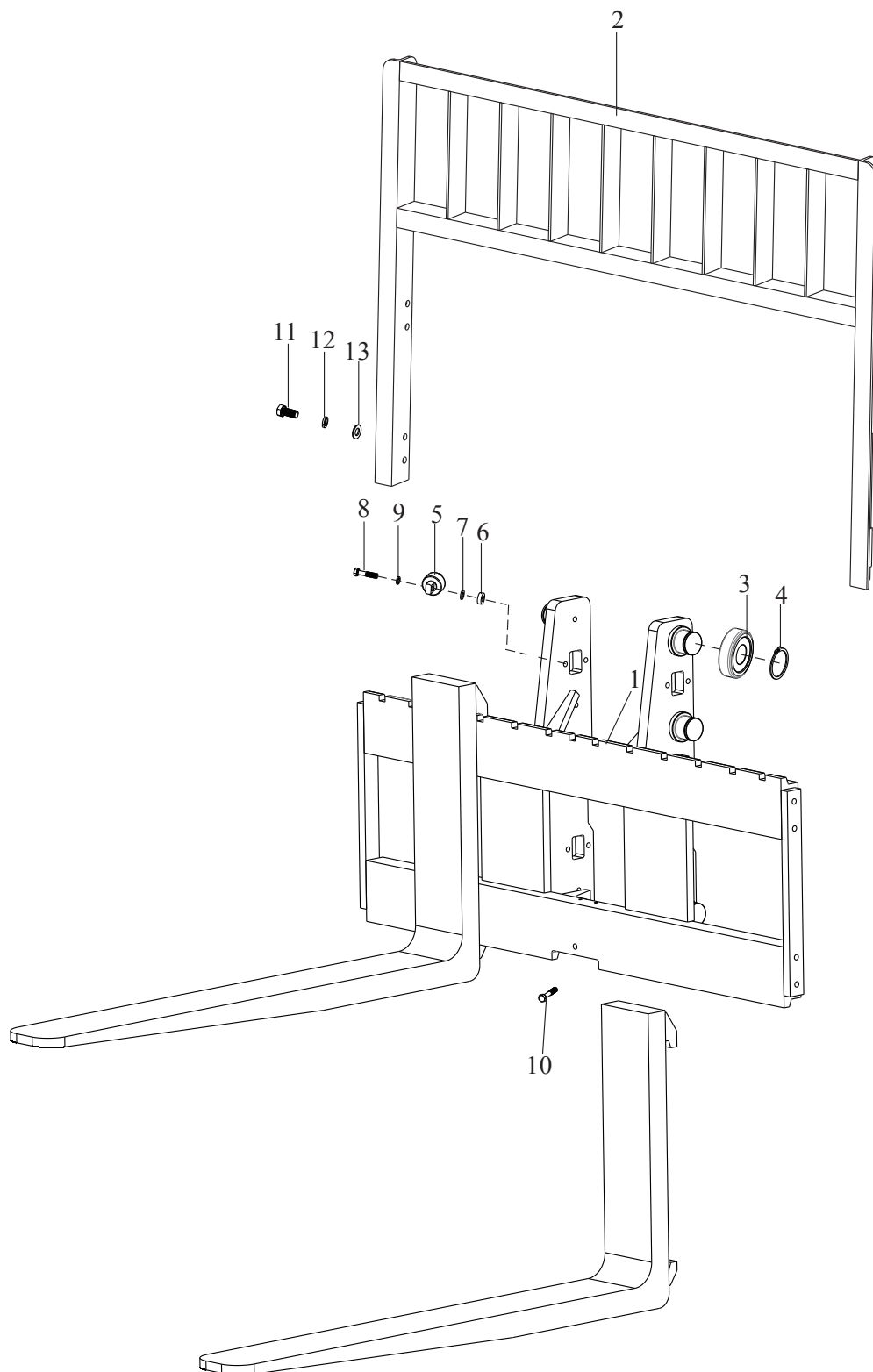
Lift Bracket(Normal mast KM)



Lift Bracket(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	M45B3-50000	Lifting fork ass'y	1	
2	M45B3-60000	Backrest ass'y	1	
3	M45A3-40200	End Roller	6	
4	GB/T894.1	50 Snap,ring	6	
5	M45A3-40300	Retaining Roller	4	
6	M45B3-40001	Washer	8	
7	M30K3-40004/5	Washer	16	
8	GB/T5786	M12×1.25×50 Bolt	8	
9	GB/T93	12 Washer, lock	8	
10	GB/T70.1	M14×20 Screw	1	
11	GB/T5786	M14×1.5×30 Bolt	8	
12	GB/T93	14 Washer, lock	8	
13	GB/T97.1	14 Washer	8	

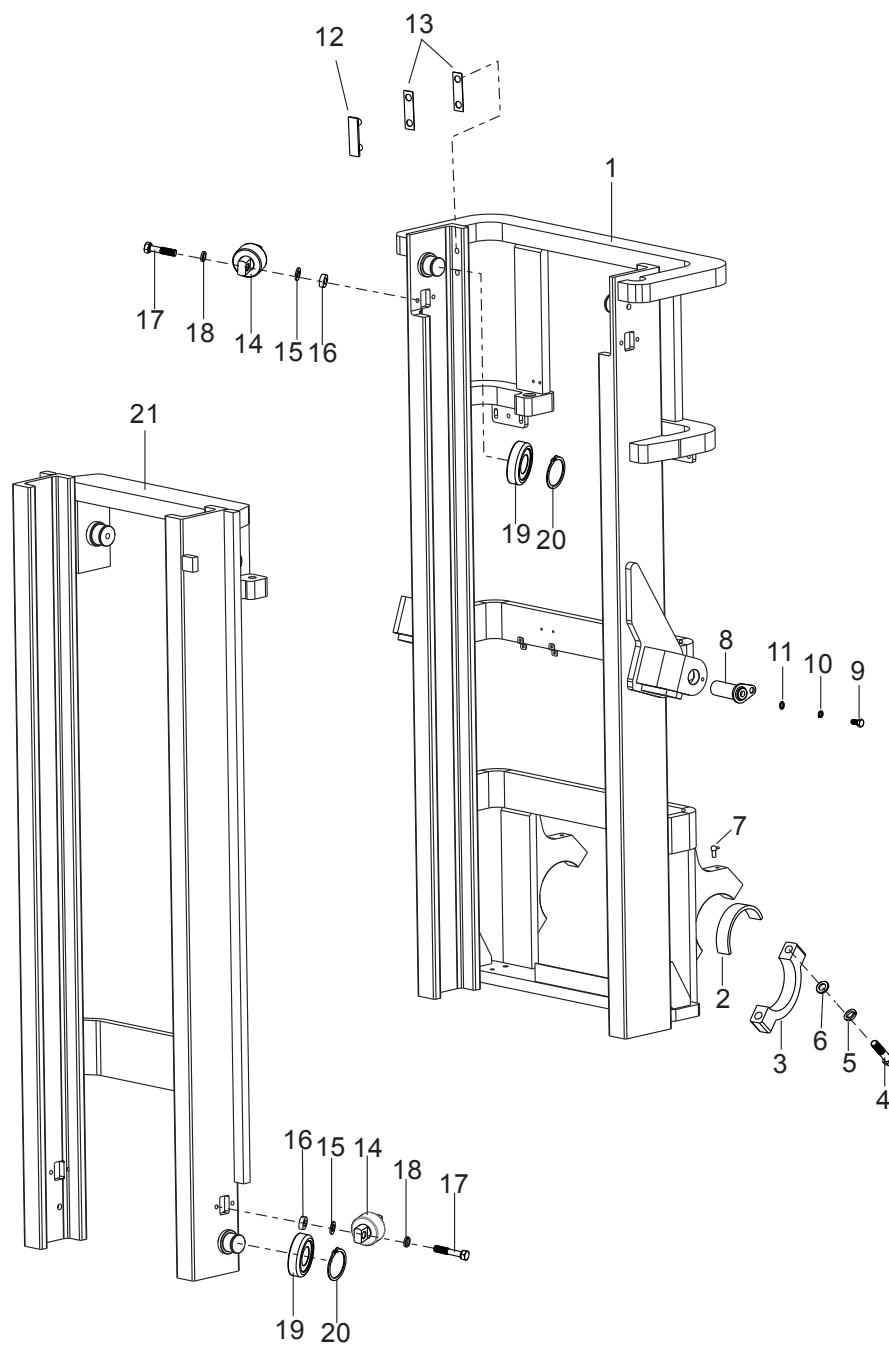
Lift Bracket(Full Free 3-Stage Mast KZM)



Lift Bracket(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	S45B3-50000	Lifting fork ass'y	1	
2	M45B3-60000	Backrest ass'y	1	
3	M45A3-40200	End Roller	6	
4	GB/T894.1	50 Snap,ring	6	
5	M45A3-40300	Retaining Roller	4	
6	M45B3-40001	Washer	8	
7	M30K3-40004/5	Washer	16	
8	GB/T5786	M12×1.25×50 Bolt	8	
9	GB/T93	12 Washer, lock	8	
10	GB/T70.1	M14×20 Screw	1	
11	GB/T5786	M14×1.5×30 Bolt	8	
12	GB/T93	14 Washer, lock	8	
13	GB/T97.1	14 Washer	8	

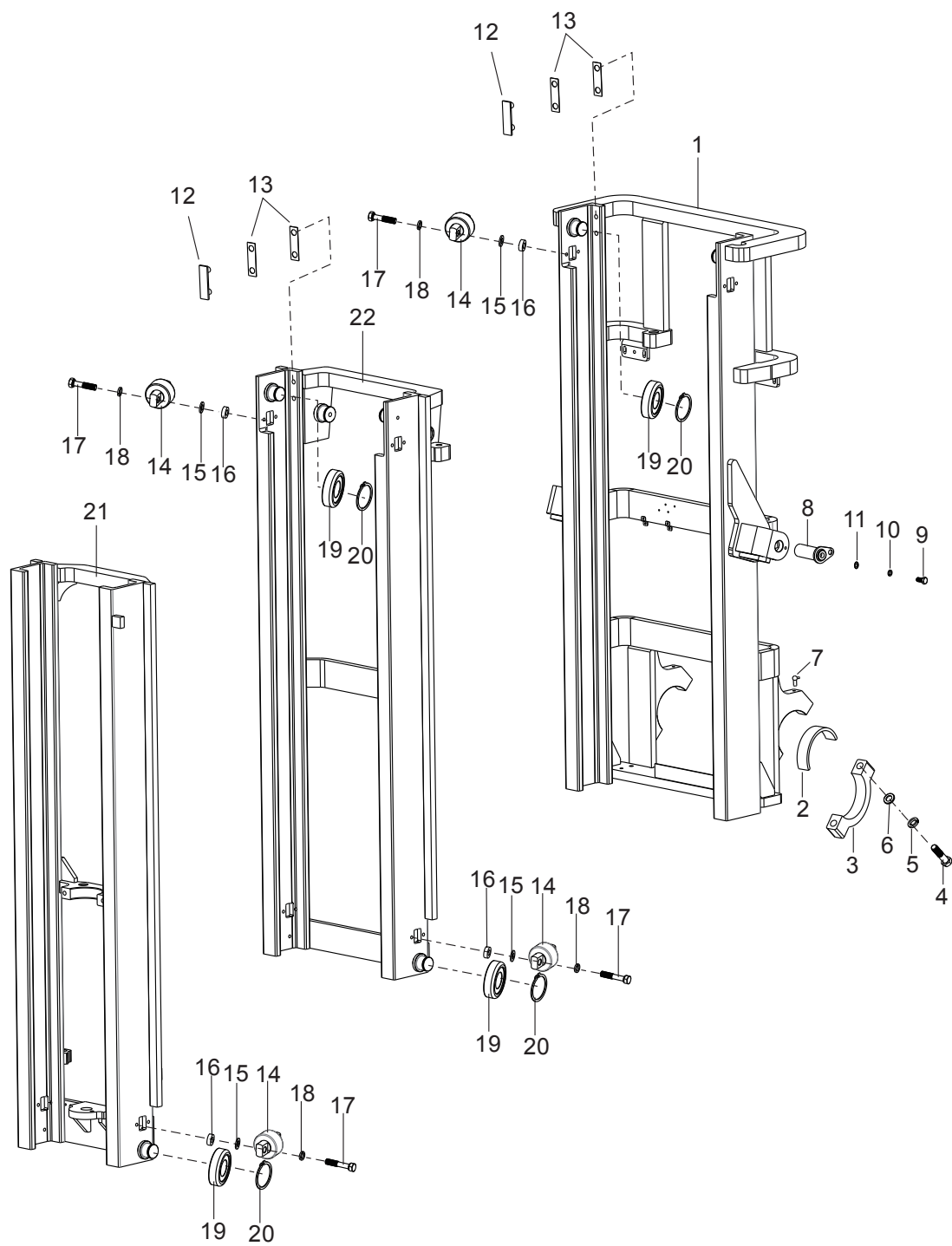
Mast(Normal mast KM)



Mast(Normal mast KM)

Item	Part No	Description	Q'ty	Remark
1	M45C3-10000	Mast,outer	1	
2	M45A3-00002	Bushing	2	
3	M45A3-00001	Cap	2	
4	GB/T5786	M20×1.5×90 Bolt	4	
5	GB/T93	20 Washer,lock	4	
6	GB/T97.1	20 Washer	4	
7	GB/T7940.1	M10×1 Grease port	2	
8	M45B3-80100	Pin axle	2	
9	GB/T5786	M10×1.25×20 Bolt	2	
10	GB/T93	10 Washer,lock	2	
11	GB/T97.1	10 Washer	2	
12	M30A3-40001	Slipper	2	
13	M30A3-40002/3	Shim	8	
14	M45A3-40300	Retaining Roller	4	
15	M30K3-40004/5	Washer	16	
16	M45B3-40001	Washer	8	
17	GB/T5786	M12×1.25×50 Bolt	8	
18	GB/T93	12 Washer, lock	8	
19	M45A3-40200	End Roller	4	
20	GB/T894.1	50 Snap,ring	4	
21	M45B3-30000	Mast inner	1	

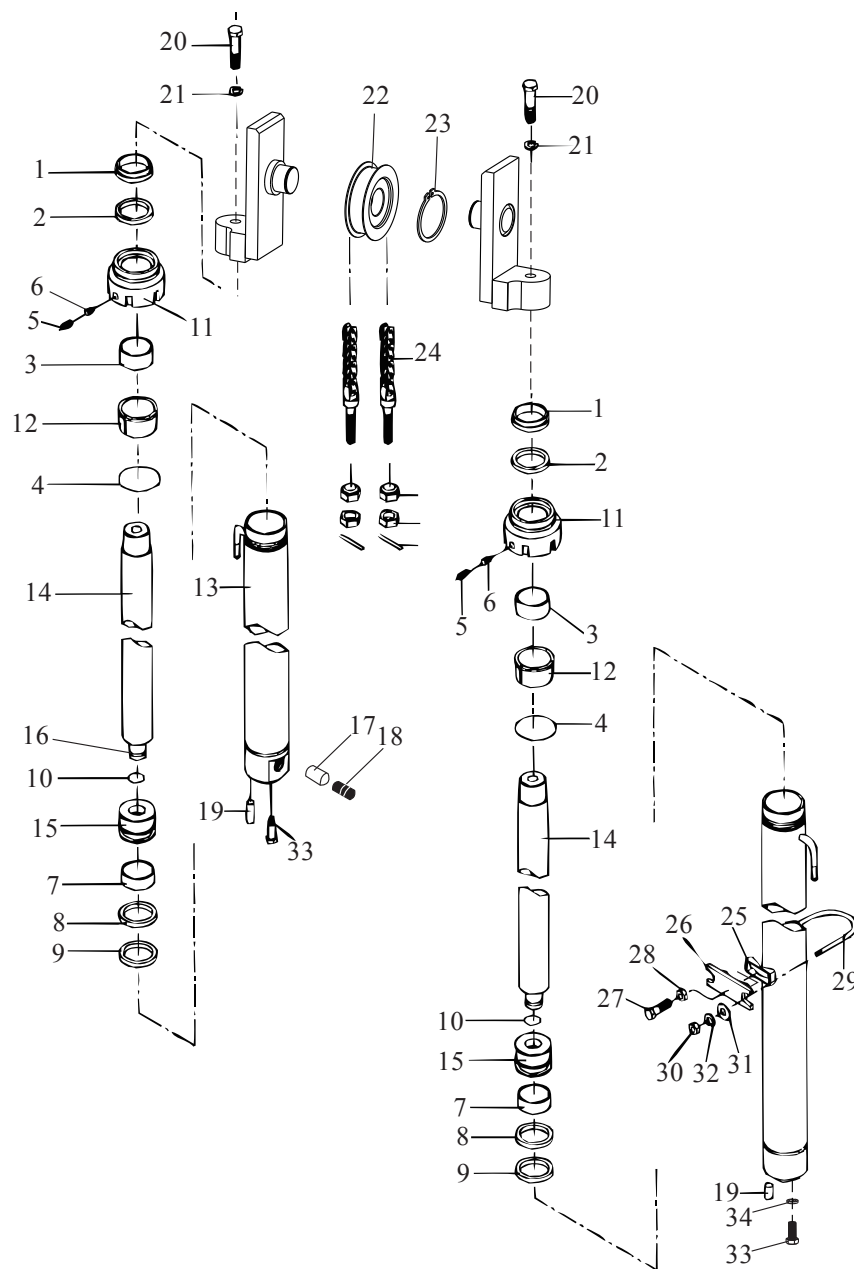
Mast(Full Free 3-Stage Mast KZM)



Mast(Full Free 3-Stage Mast KZM)

Item	Part No	Description	Q'ty	Remark
1	S45C3-10000	Mast,outer	1	
2	M45A3-00002	Bushing	2	
3	M45A3-00001	Cap	2	
4	GB/T5786	M20×1.5×90 Bolt	4	
5	GB/T93	20 Washer,lock	4	
6	GB/T97.1	20 Washer	4	
7	GB/T7940.1	M10×1 Grease port	2	
8	M45B3-80100	Pin axle	2	
9	GB/T5786	M10×1.25×20 Bolt	2	
10	GB/T93	10 Washer,lock	2	
11	GB/T97.1	10 Washer	2	
12	M30A3-40001	Slipper	4	
13	M30A3-40002/3	Shim	16	
14	M45A3-40300	Retaining Roller	8	
15	M30K3-40004/5	Washer	24	
16	M45B3-40001	Washer	16	
17	GB/T5786	M12×1.25×50 Bolt	16	
18	GB/T93	12 Washer, lock	16	
19	M45A3-40200	End Roller	8	
20	GB/T894.1	50 Snap,ring	8	
21	S45B3-30000	Mast inner	1	
22	S45B3-20000	Medium master	1	

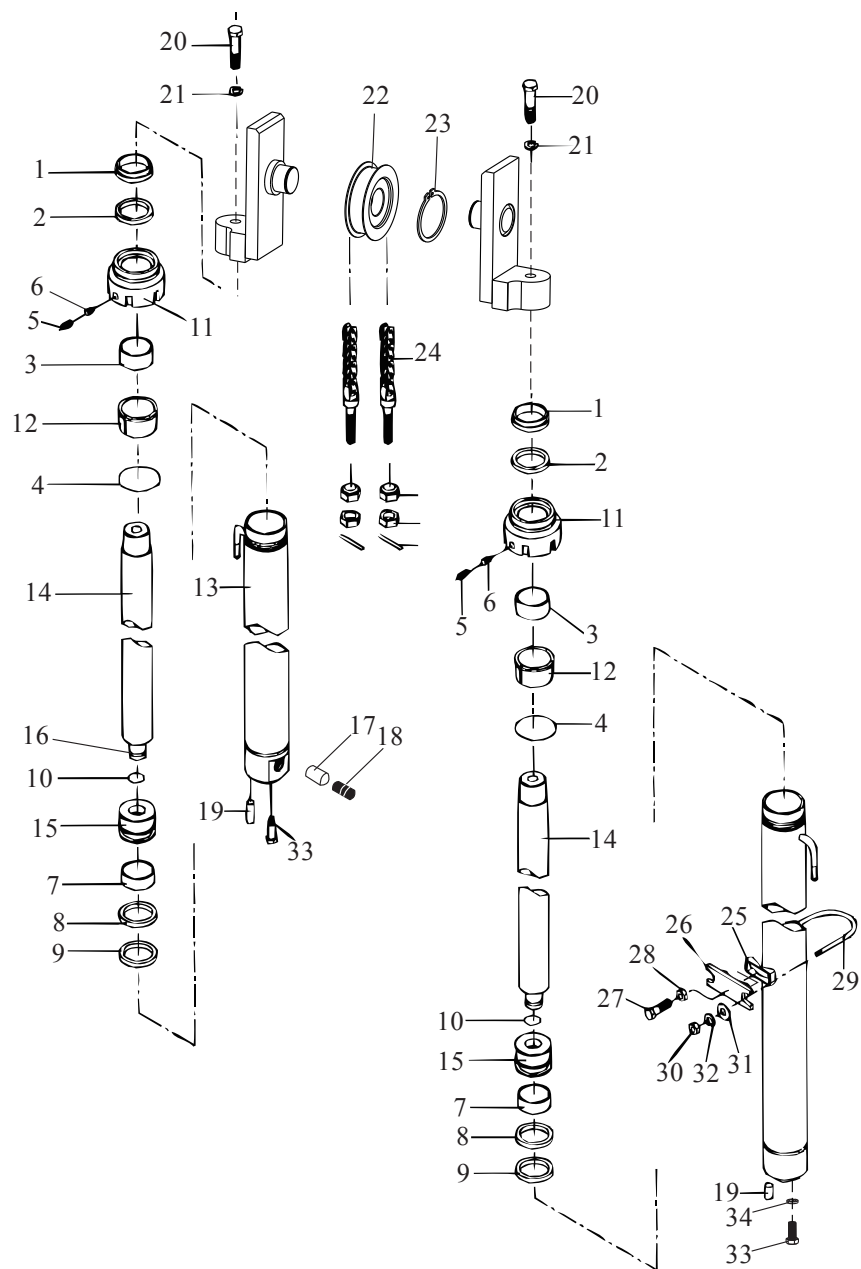
Lift Cylinder(Normal Mast KM)



Lift Cylinder(Normal Mast KM)

Item	Part No	Description	Q'ty	Remark
A	A45A4-10100	Lift cylinder ass,y	1	
1	A45A4-10101	50×62×7/10 Dust-proof ring	2	
2	A45A4-10102	50×60×8 Ring	2	
3	A45A4-10103	5050 Guide bushing	2	
4	GB/T3452.1	77.5×3.55 O-ring	2	
5	GB/T73	M6×8 Screw	2	
6	A45A4-10104	Plug	2	
7	A45A4-10105	70×20×3 Backup ring	2	
8	A45A4-10106	70×60×3 Ring, back up	2	
9	A45A4-10107	70×60×6 Ring	2	
10	A45A4-10108		2	
11	A45A4-10109	Cap	2	
12	A45A4-10110	Sleeve	2	
13	A45A4-10111	Cylinder	2	
14	A45A4-10112	Piston rod	2	
15	A45A4-10113	Piston	2	
16	A45A4-10114	Spacer	2	
17	A45A4-10115	Piston	2	
18	A45A4-10116	Spring	2	
19	GB/T119	D10×26 Pin	2	
20	GB/T5786	M20×1.5×65 Bolt	2	
21	GB/T93	20 Washer,lock	2	
22	M45A3-80100	Sheave	2	
23	GB/T894.1	55 Snap ring	2	
24	LH1634×N	Chain ass'y	2	

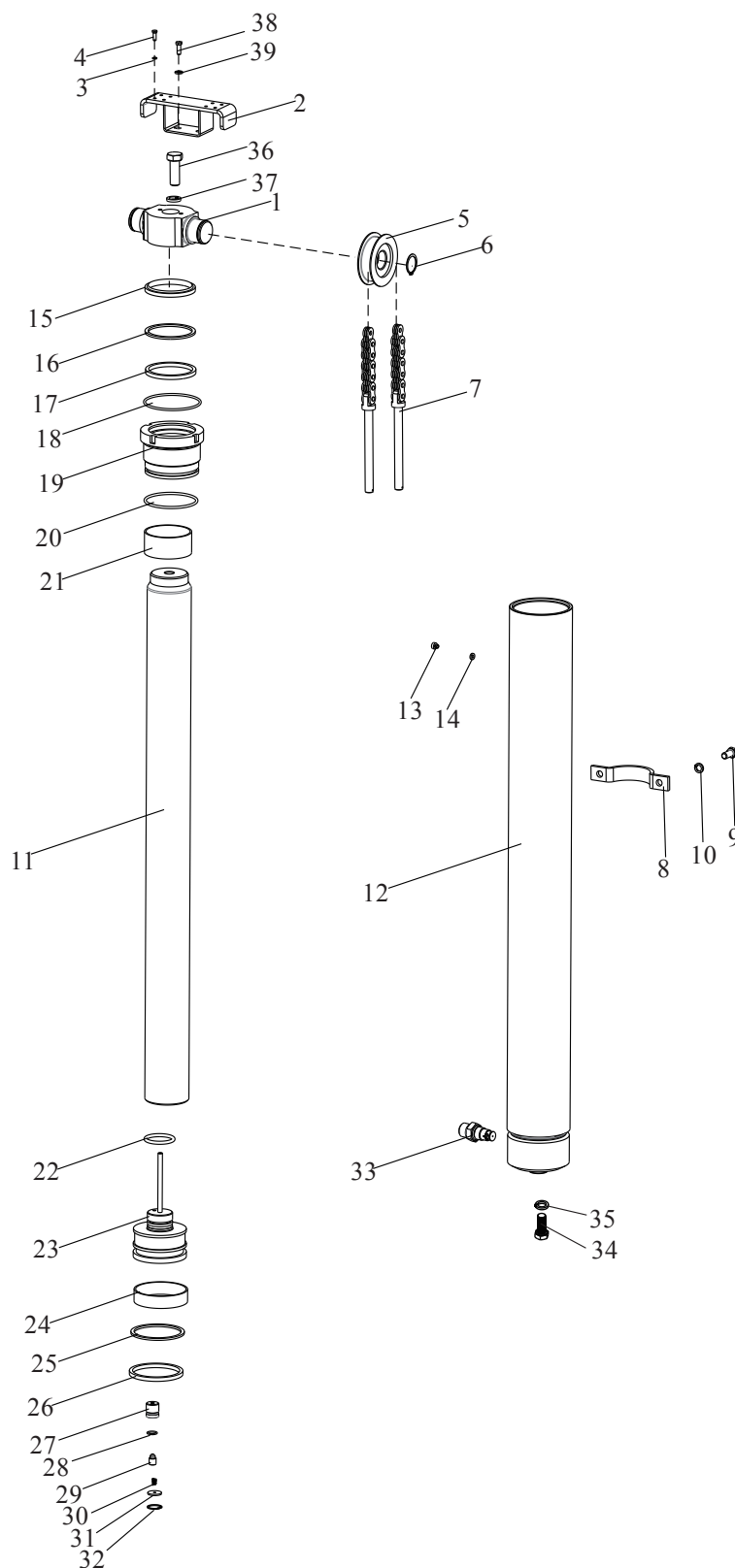
Lift Cylinder(Normal Mast KM)



Lift Cylinder(Normal Mast KM)

Item	Part No	Description	Q'ty	Remark
25	M30A3-80002	Spacer	2	
26	M45A3-80002	Support	2	
27	GB/T5786	M12×1.25×40 Bolt	2	
28	GB/T6171	M12×1.25 Nut	2	
29	M45A3-80003	U-Bolt	2	
30	GB/T6171	M10×1.25 Nut	4	
31	GB/T97.1	10 Washer	4	
32	GB/T93	10 Washer,lock	4	
33	GB/T5786	M12×1.25×35 Bolt	2	
34	GB/T93	12 Washer,lock	2	

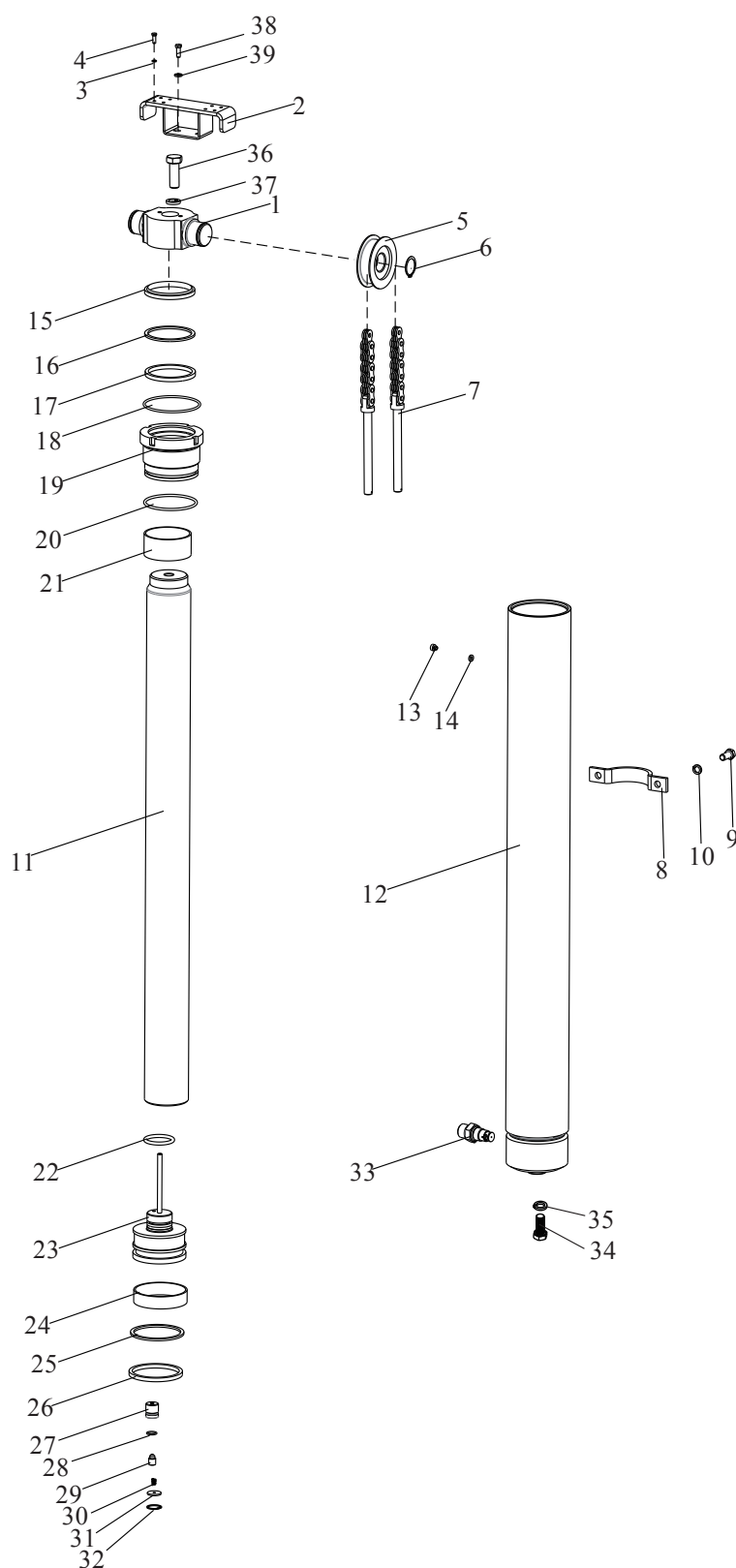
Front Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A45B4-10500	Front lift cylinder ass'y	1	
1	S45B3-80002	Sheave Seat	1	
2	S45B3-80100	Pulley base	1	
3	GB/T93	8 Washer,lock	8	
4	GB/T5783	M8×16 Bolt	8	
5	M45A3-80100	Sheave	2	
6	GB/T894.1	55 Snap ring	2	
7	LH1634×N	Chain ass'y	2	
8	S45B3-80001	Support	1	
9	GB/T5783	M16×1.5×40 Bolt	2	
10	GB/T93	16 Washer,lock	2	
11	A45B4-10501	Piston rod ass'y	1	
12	A45B4-10502	Cylinder	1	
13	GB/T6190	M6×5 Screw	1	
14	A45B4-10503	Gasket	1	
15	A45B4-10504	90×100×6/8 Dust ring	1	
16	A45B4-10505	90×105×3 Snap ring	1	
17	A45B4-10506	90×105×9 Ring	1	
18	GB/T1235	115×3.1 O-ring	1	
19	A45B4-10507	Guide sleeve	1	
20	GB/T1235	110×3.1 O-ring	1	
21	A45B4-10508	Guide bushing	1	
22	A45B4-10509	Snap ring	1	
23	A45B4-10510	Piston	1	

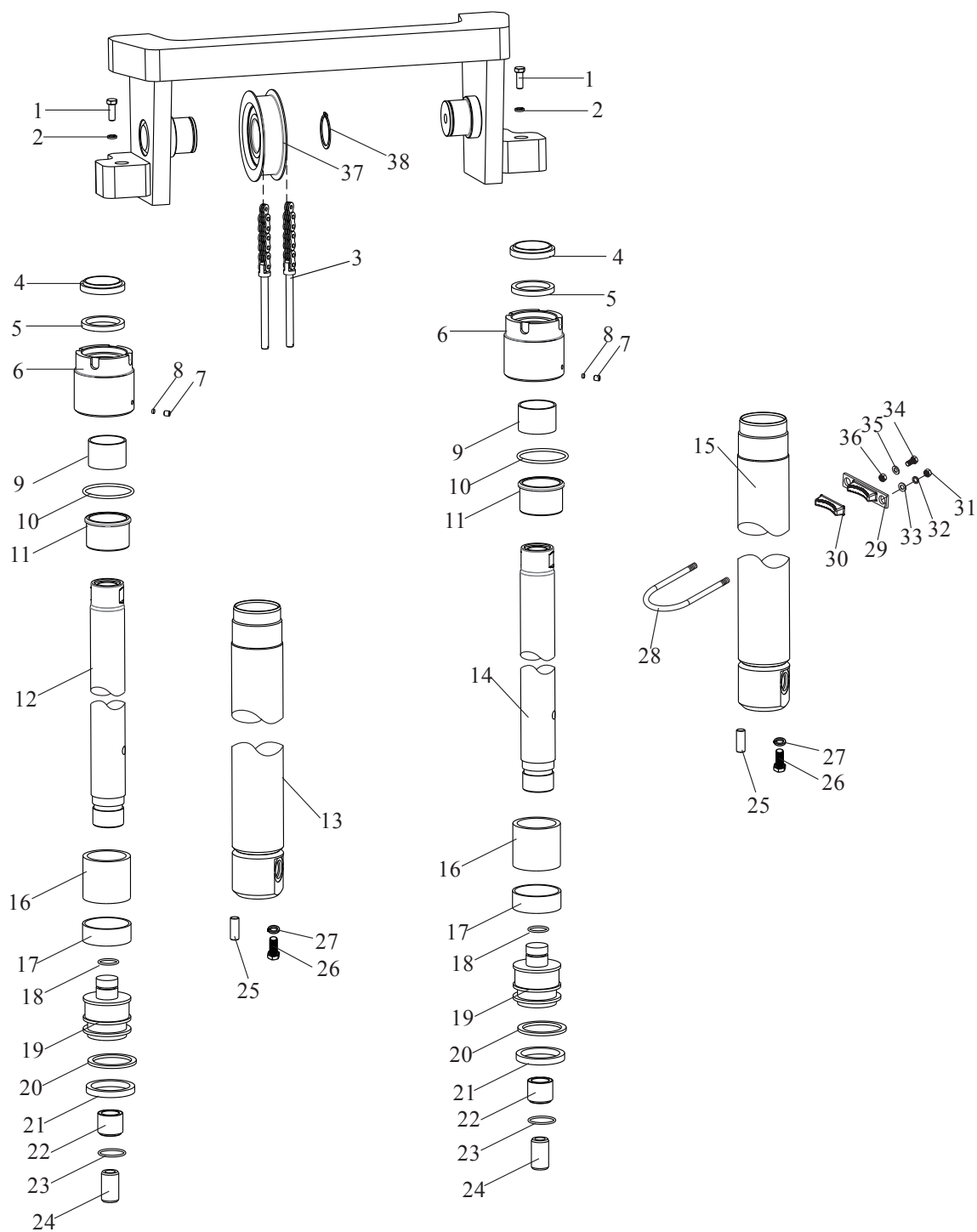
Front Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
24	A45B4-10511	110×25×3 Backup ring	1	
25	A45B4-10512	110×95×3 Stopper	1	
26	A45B4-10513	110×95×9 Sear ring	1	
27	A45B4-10514	Spool	1	
28	GB/T1235	20×2.4 O-ring	1	
29	A45B4-10515	Spring	1	
30	A45B4-10516	Spool	1	
31	A45B4-10517	Catch	1	
32	A45B4-10518	Stopper	1	
33	A45B4-10500-01	Explosion-proof valve	1	
34	GB/T5786	M12×1.25×35 Bolt	1	
35	GB/T93	12 Washer,lock	1	
36	GB/T5786	M16×1.5 ×45 Bolt	2	
37	GB/T93	16 Washer,lock	2	
36	GB/T5786	M10×1.25 ×25 Bolt	2	
37	GB/T93	10 Washer,lock	2	

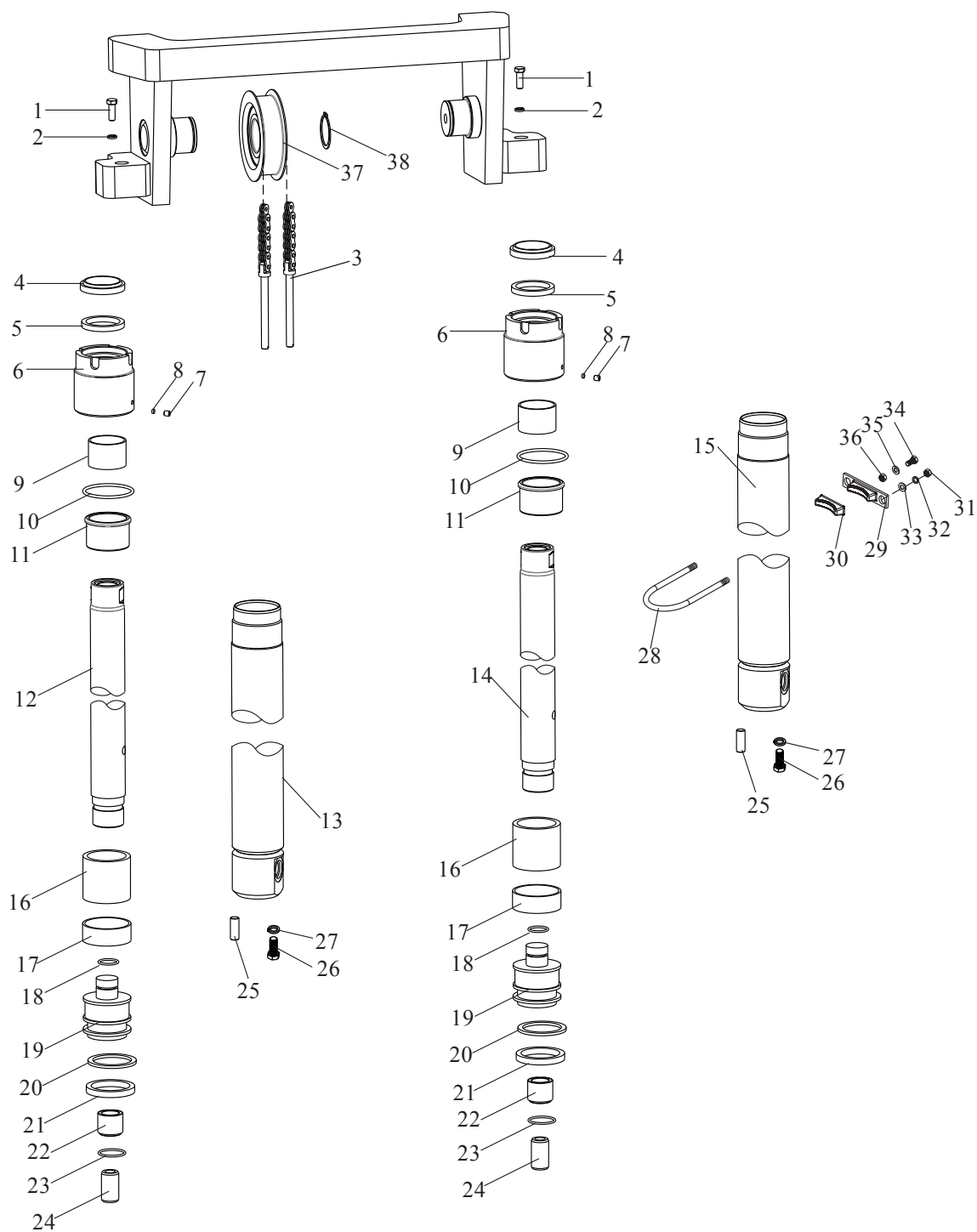
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
A	A45B4-10600L/R	Rear lift cylinder ass'y	2	
1	GB/T5785	M20×1.5×65 Bolt	2	
2	GB/T93	20 Washer,lock	2	
3	LH1634×N	Chain ass'y	2	
4	A45B4-10601	50×62×7/10 Dust ring	2	
5	A45B4-10602	50×60×6 U-ring	2	
6	A45B4-10603	Cap, lift cylinder	2	
7	GB/T80	M8×8 Screw	2	
8	A45B4-10604	6×3 Nylon pad	2	
9	A45B4-10605	Guide bushing	2	
10	GB/T1235	80×3.1 O-ring	2	
11	A45B4-10606	Bushing	2	
12	A45B4-10607	Piston rod L.H.	1	
13	A45B4-10608	Cylinder L.H.	1	
14	A45B4-10609	Piston rod R.H.	1	
15	A45B4-10610	Cylinder R.H.	1	
16	A45B4-10611	Spacer	2	
17	A45B4-10612	24×2 Stopper	1	
18	A45B4-10613	70×20×2.5 Backup ring	2	
19	A45B4-10614	Piston	1	
20	A45B4-10615	70×60×3 Ring, back up	2	
21	A45B4-10616	70×60×6 Ring	2	
22	A45B4-10617	1 Spacer	2	
23	A45B4-10618	26×2 Stopper	2	

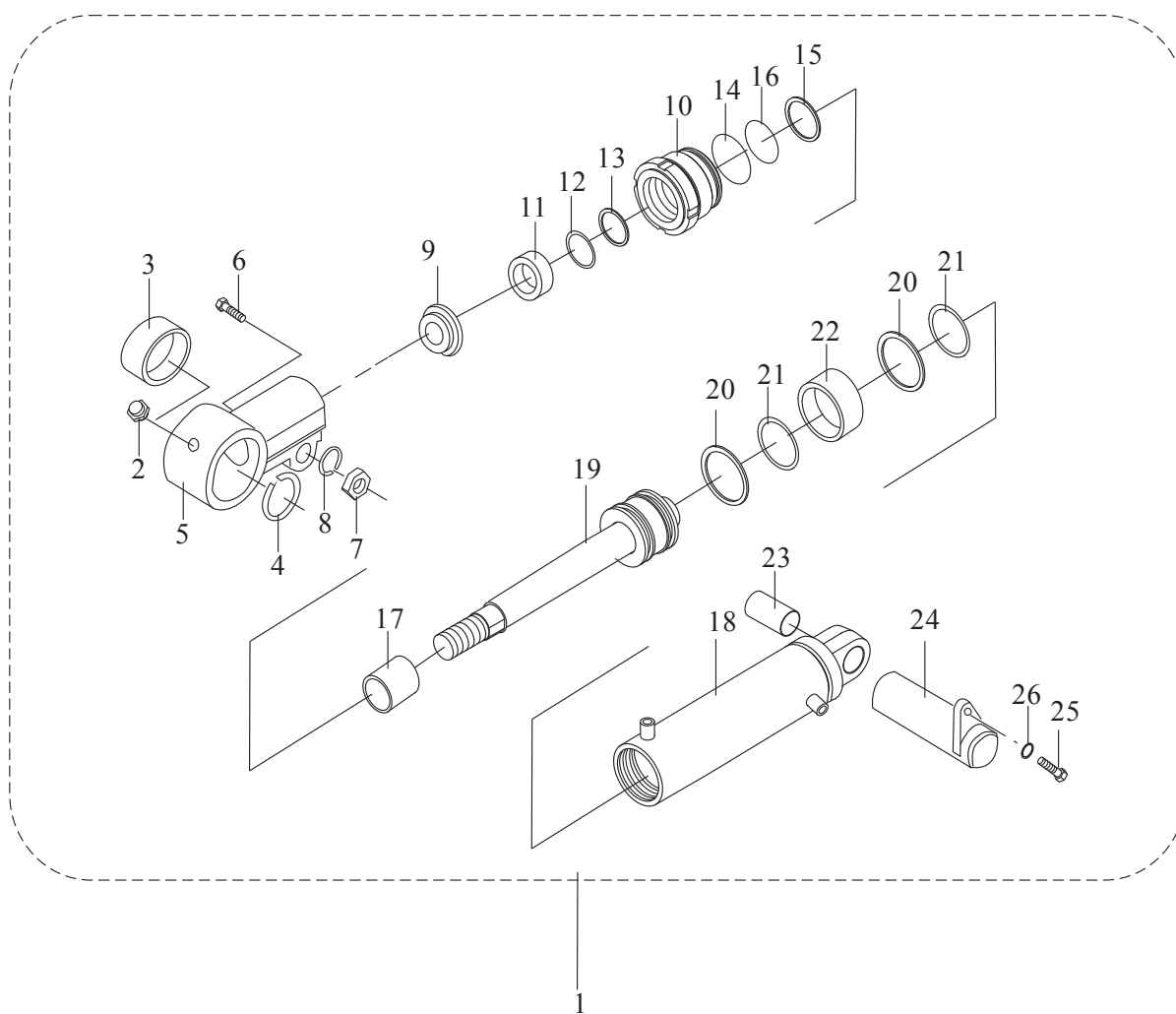
Rear Lift Cylinder (Full Free 3-Stage Mast KZM)



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

Item	Part No	Description	Q'ty	Remark
24	A45B4-10619	2 Spacer	2	
25	GB/T119	D10×26 Pin	2	
26	GB/T5786	M12×1.25×30 Bolt	2	
27	GB/T93	12 Washer,lock	2	
28	M45A3-80003	U-Bolt	2	
29	M30A3-80002	Spacer	2	
30	M30A3-80003	Support	2	
31	GB/T6171	M10×1.25 Nut	4	
32	GB/T97.1	10 Washer	4	
33	GB/T93	10 Washer,lock	4	
34	GB/T5786	M12×1.25×40 Bolt	2	
35	GB/T93	12 Washer,lock	2	
36	GB/T6171	M12×1.25 Nut	2	
37	M45A3-80100	Sheave	2	
38	GB/T894.1	55 Snap ring	2	

Tilt cylinder

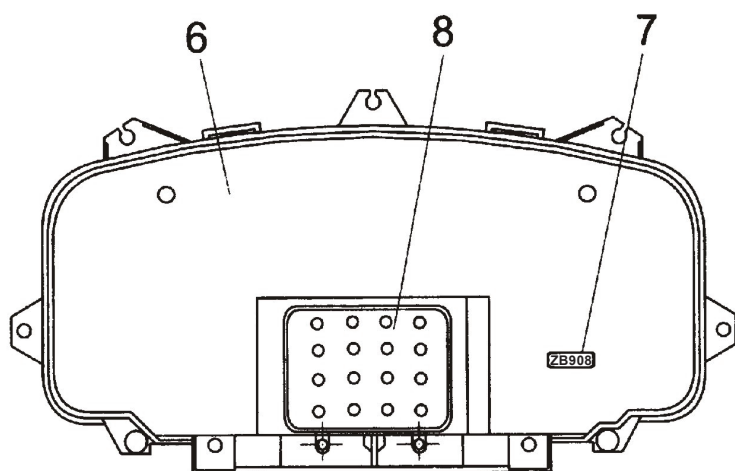
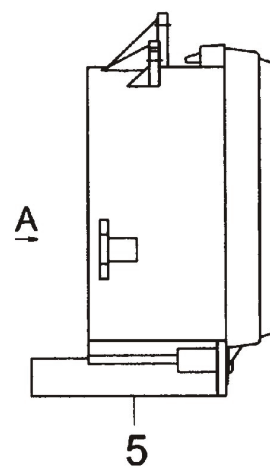
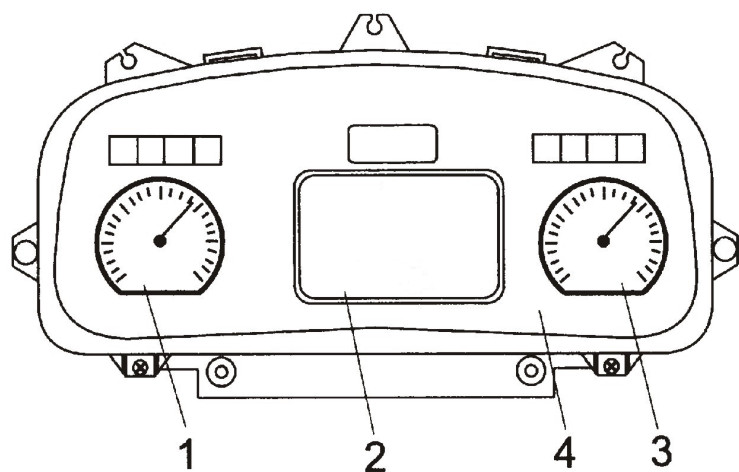


Tilt cylinder

Item	Part No	Description	Q'ty	Remark
1	A45A4-10200	Tilt cylinder assy	2	
2	JB/T7940.1	M10×1 Nipple grease	2	
3	A45A4-10215	GE40ES-2RS Bushing	2	
4	GB/T893.1	62 Ring	2	
5	A45A4-10201	Ear ring	2	
6	GB/T5783	M16×70 Bolt	2	
7	GB/T6170	M16 Nut	2	
8	GB/T859	16 Washer	2	
9	A45A4-10202	45×53×5/6.5 Seal,dust	2	
10	A45A4-10203	Cap, lift cylinder	2	
11	A45A4-10204	45×10×2.5 Ring	2	
12	A45A4-10205	45×55×3 Ring,snap	2	
13	A45A4-10206	45×55×6 Ring	2	
14	GB/T1235	95×3.1 O-ring	2	
15	A45A4-10207	90×85.5×1.5 Ring,snap	2	
16	GB/T1235	90×3.1 O-ring	2	
17	A45A4-10208	Bushing	2	
18	A45A4-10209	Tube,cylinder	2	
19	A45A4-10210	piston body	2	
20	A45A4-10211	90×80×6 Ring	4	
21	A45A4-10212	90×80×3 Ring,snap	4	
22	A45A4-10213	90×25×2.5 Wearing	2	
23	A45A4-10214	Bushing	2	
24	M45B3-80100	Pin	2	
25	GB/T5786	M10×1.25×20 Bolt	2	
26	GB/T93	10 Washer,lock	2	

ELECTRIC SYSTEM

Instrument assembly(Hydraulic transmission)



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

FD40,45,50-YC4/LT1

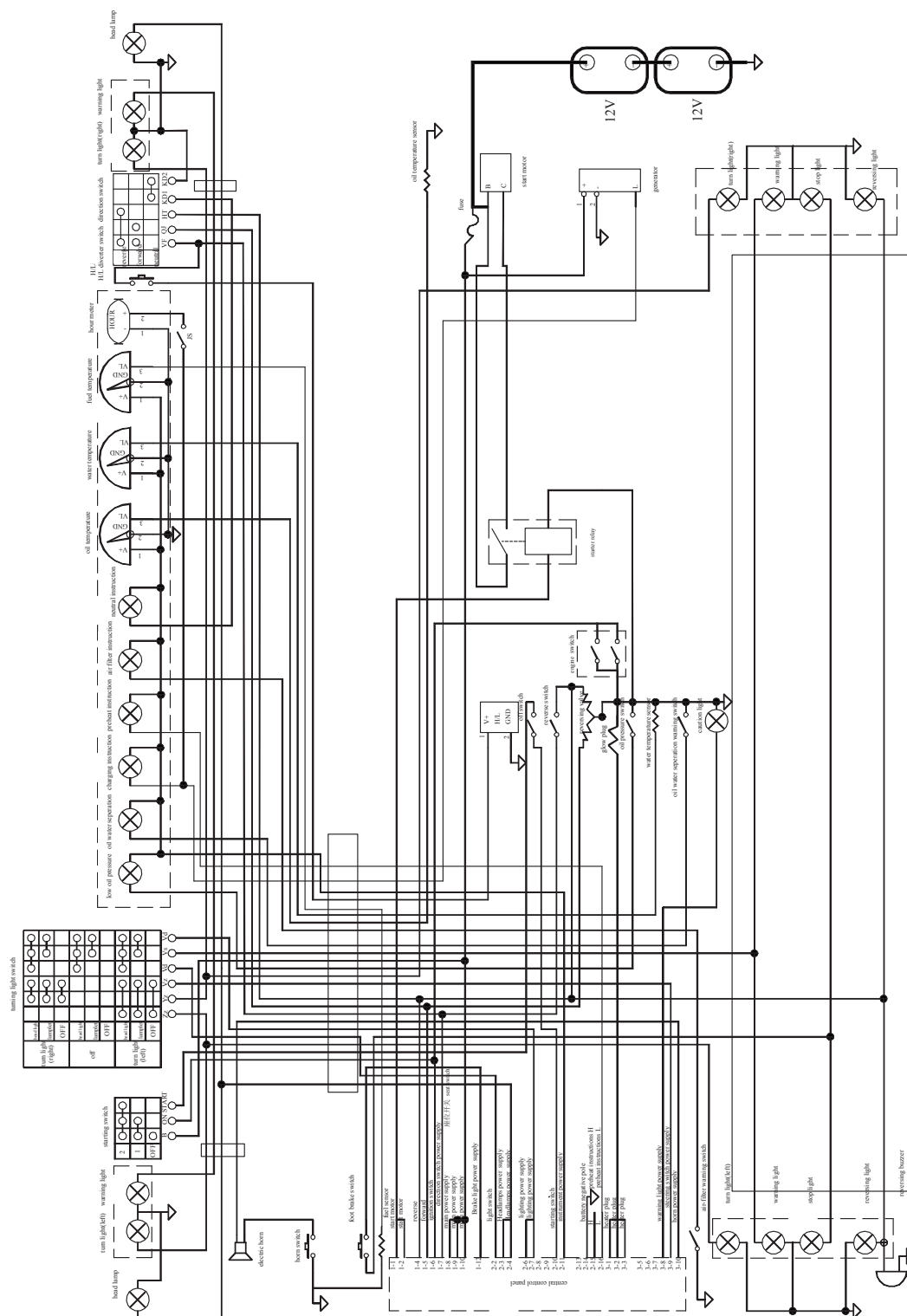


Electric system

FD40,45,50-YC4/LT1

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-JK802	Integral switch	1	
–	DT02G-JK804-4D	Integral switch	1	
4	A50C2-70100	Combination	1	
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	
8	A30C2-20002	Battery	2	
9	A30G2-00700	(+) Cable	1	
10	A50B2-01100	Battery cables	1	
11	A30C2-00800	(–) Cable	1	
12	DZ05G-YG411	oil pressure warning switch	1	
13	DZ03G-Z3/8	Water temp sending unit	1	
14	DT04G-LTD152	Caution light	1	
15	180	Binding	20	
16	DT09G-DJB24B	Back buzzer	1	
17	DT04G-XH8-16.3	Rear lights	1	
18	DT03G-YG328	Fuel sensor	1	
19	A50B2-01000	Panel	1	
20	DT05G-JK205A	Brake switch	1	
21	A45A2-80100	Vehicle harness	1	
22	DT09G-DL224ED	Horn	1	
23	A30C2-00400	Left head guard harness	1	
24	JD281A-120A	Starter relay	1	

FD40,45,50-P1



Electrical circuit diagram

Electric system

FD40,45,50-P1

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-JK802	Integral switch	1	
–	DT02G-JK804-4D	Integral switch	1	
4	A50C2-70100	Combination	1	
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	
8	A30C2-20002	Battery	2	
9	A30G2-00700	(+) Cable	1	
10	A50B2-01100	Battery cables	1	
11	A30C2-00800	(–) Cable	1	
12	DZ05G-YG408	oil pressure warning switch	1	
13	DZ03G-R1/2SY	Water temp sending unit	1	
14	DT04G-LTD152	Caution light	1	
15	180	Binding	20	
16	DT09G-DJB24B	Back buzzer	1	
17	DT04G-XH8-16.3	Rear lights	1	
18	DT03G-YG328	Fuel sensor	1	
19	A50B2-01000	Panel	1	
20	DT05G-JK205A	Brake switch	1	
21	A45D2-80100	Vehicle harness	1	
22	DT09G-DL224ED	Horn	1	
23	A30C2-00400	Left head guard harness	1	
24	JD281A-120A	Starter relay	1	
25	A45D2-60100	AMP Single conductor	1	
26	A45D2-60200	AMP Single conductor	1	
27	A45D2-60300	AMP Single conductor	1	

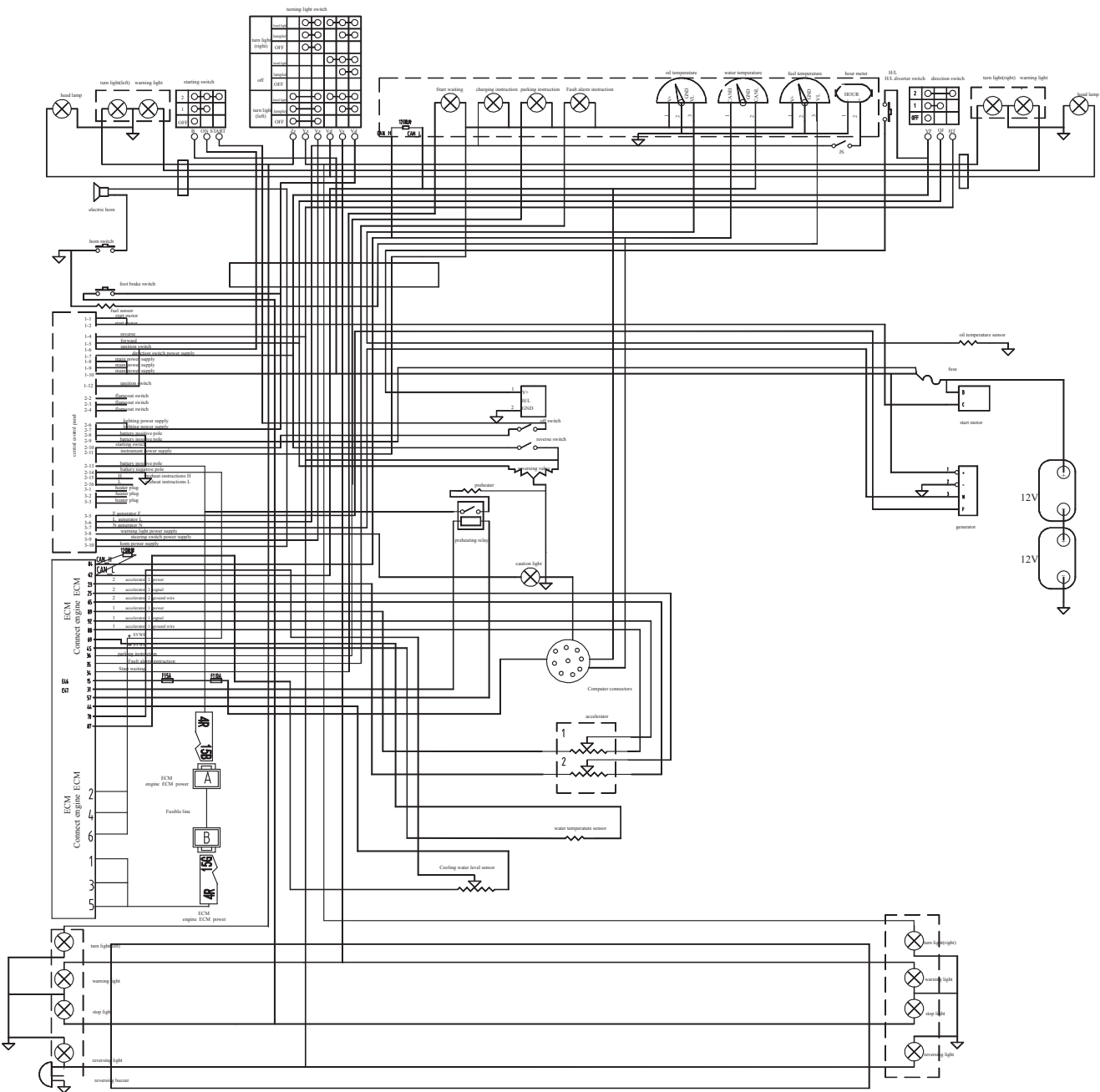
FD40,45,50-W4



Electric system

FD40,45,50-W4

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-JK802	Integral switch	1	
–	DT02G-JK804-4D	Integral switch	1	
4	A50C2-70100	Combination	1	
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	
8	A30C2-20002	Battery	2	
9	A30G2-00700	(+) Cable	1	
10	A50B2-01100	Battery cables	1	
11	A30C2-00800	(–) Cable	1	
12	DZ03G-WD430	Water temp sending unit	1	
13	DT04G-LTD152	Caution light	1	
14	180	Binding	20	
15	DT09G-DJB24B	Back buzzer	1	
16	DT04G-XH8-16.3	Rear lights	1	
17	DT03G-YG328	Fuel sensor	1	
18	A50B2-01000	Panel	1	
19	DT05G-JK205A	Brake switch	1	
20	A45F2-80100	Vehicle harness	1	
21	DT09G-DL224ED	Horn	1	
22	A30C2-00400	Left head guard harness	1	

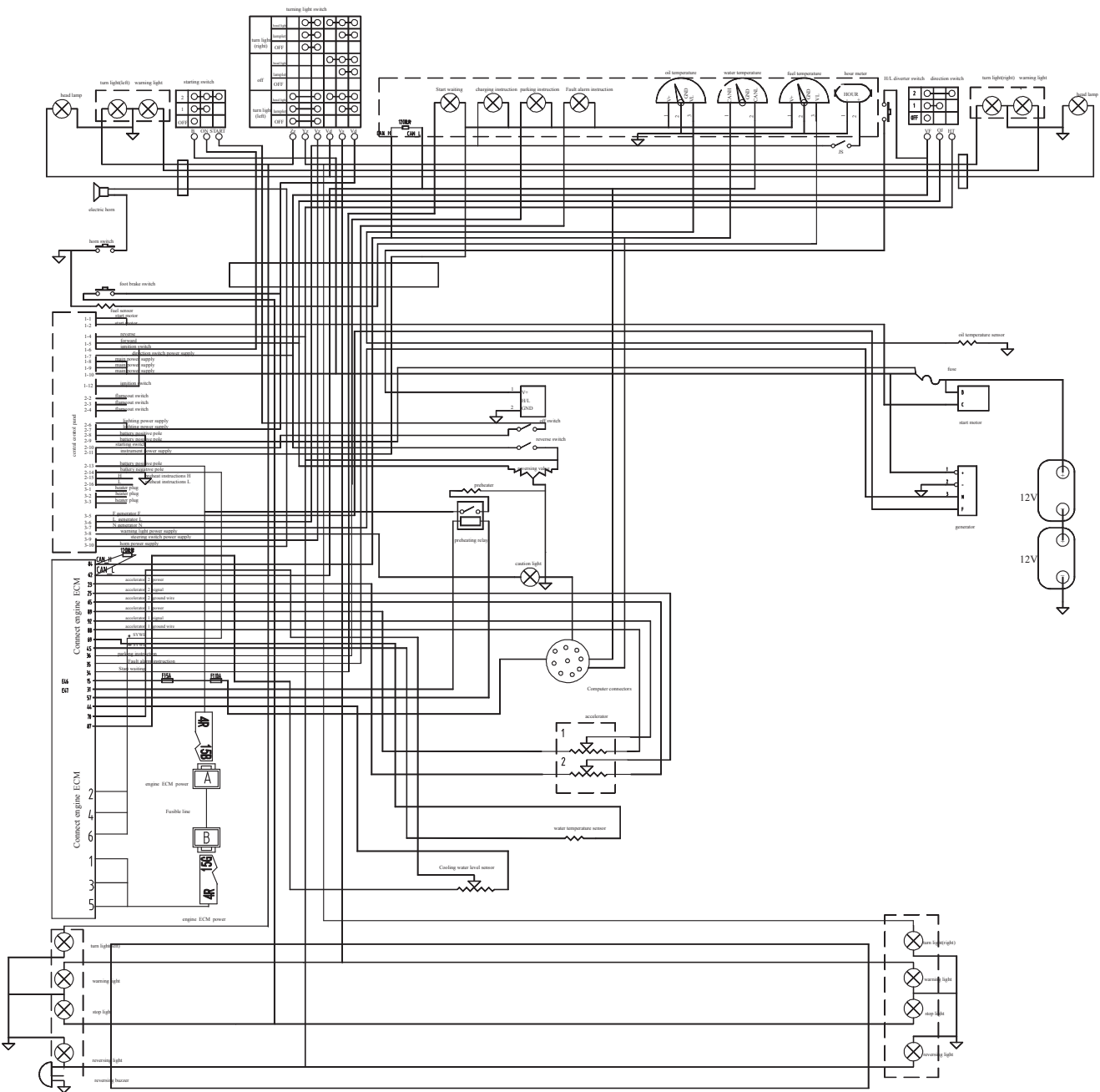


Electrical circuit diagram

Electric system

FD40,45,50-KMS4

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-JK802	Integral switch	1	
–	DT02G-JK804-4D	Integral switch	1	
4	A45P2-70100	Combination	1	
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	
8	A30C2-20002	Battery	1	
9	A30G2-00700	(+) Cable	1	
10	A30C2-00800	(–) Cable	1	
11	DT03G-YG328	Fuel sensor	1	
12	DT04G-LTD152	Caution light	1	
13	180	Binding	20	
14	DT09G-DJB12B	Back buzzer	1	
15	DT04G-XH8-16.3-12	Rear lights	1	
16	A30C2-10100	Panel	1	
17	DT05G-JK205A	Brake switch	1	
18	A45P2-80100	Vehicle harness	1	
19	DT09G-DL124ED	Horn	1	
20	A30C2-00400	Left head guard harness	1	
21	DT06G-JD1914	Intermediate relay	1	
22	A50K2-80200	Fused link wire	1	
23	A45P2-80106	3 Plug	1	
24	A45P2-80105	9 Plug	1	

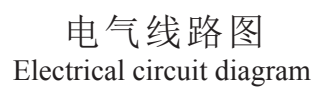


Electrical circuit diagram

Electric system FD40,45,50-KMS4

Item	Part No	Description	Q'ty	Remark
25	A45P2-80104	Joint	1	
26	A45P2-80103	Connectors	1	
27	A45P2-80102	Connectors	1	
28	A45P2-80101	94 Connectors	1	
29	A45P2-60100	Accelerator	1	
30	A45P2-60200	Preheating relay	1	
31	A15A2-00210	Fuse box	1	

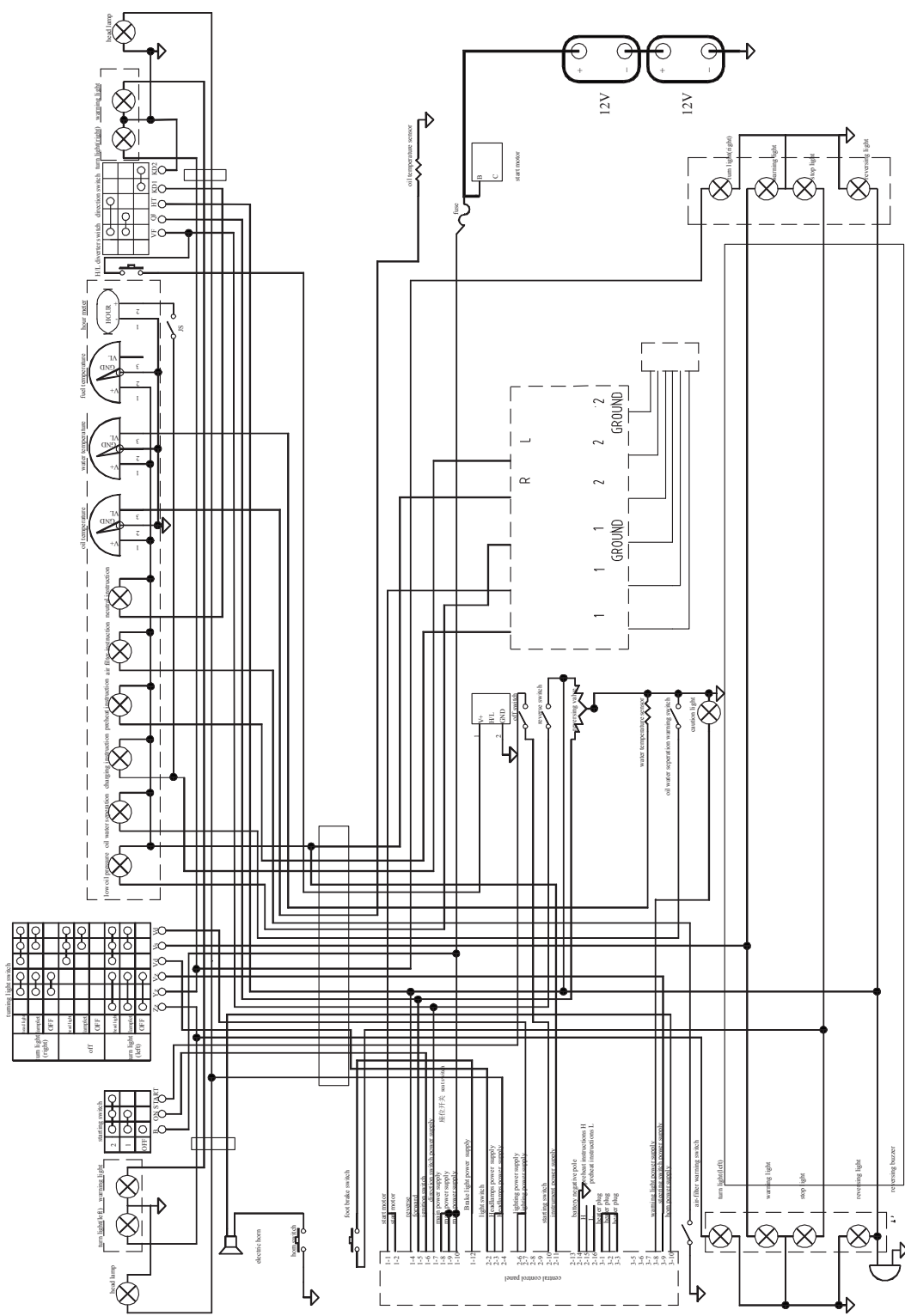
FY40,45,50-G3



Electric system

FY40,45,50-G3

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-JK802	Integral switch	1	
–	DT02G-JK804-4D	Integral switch	1	
4	A50C2-70100	Combination	1	
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	
8	A160A2-20100	Battery	1	
9	A30G2-00700	(+) Cable	1	
10	A30C2-00800	(–) Cable	1	
11	DZ03G-R1/2SY	Water temp sending unit	1	
12	DT04G-LTD152	Caution light	1	
13	180型	Binding	20	
14	DT09G-DJB12B	Back buzzer	1	
15	DT04G-XH8-16.3-12	Rear lights	1	
16	A30C2-10100	Panel	1	
17	DT05G-JK205A	Brake switch	1	
18	A45M2-80100	Vehicle harness	1	
19	DT09G-DL124ED	Horn	1	
20	A30C2-00400	Left head guard harness	1	
21	DT06G-JD1914	Intermediate relay	1	



Electrical circuit diagram

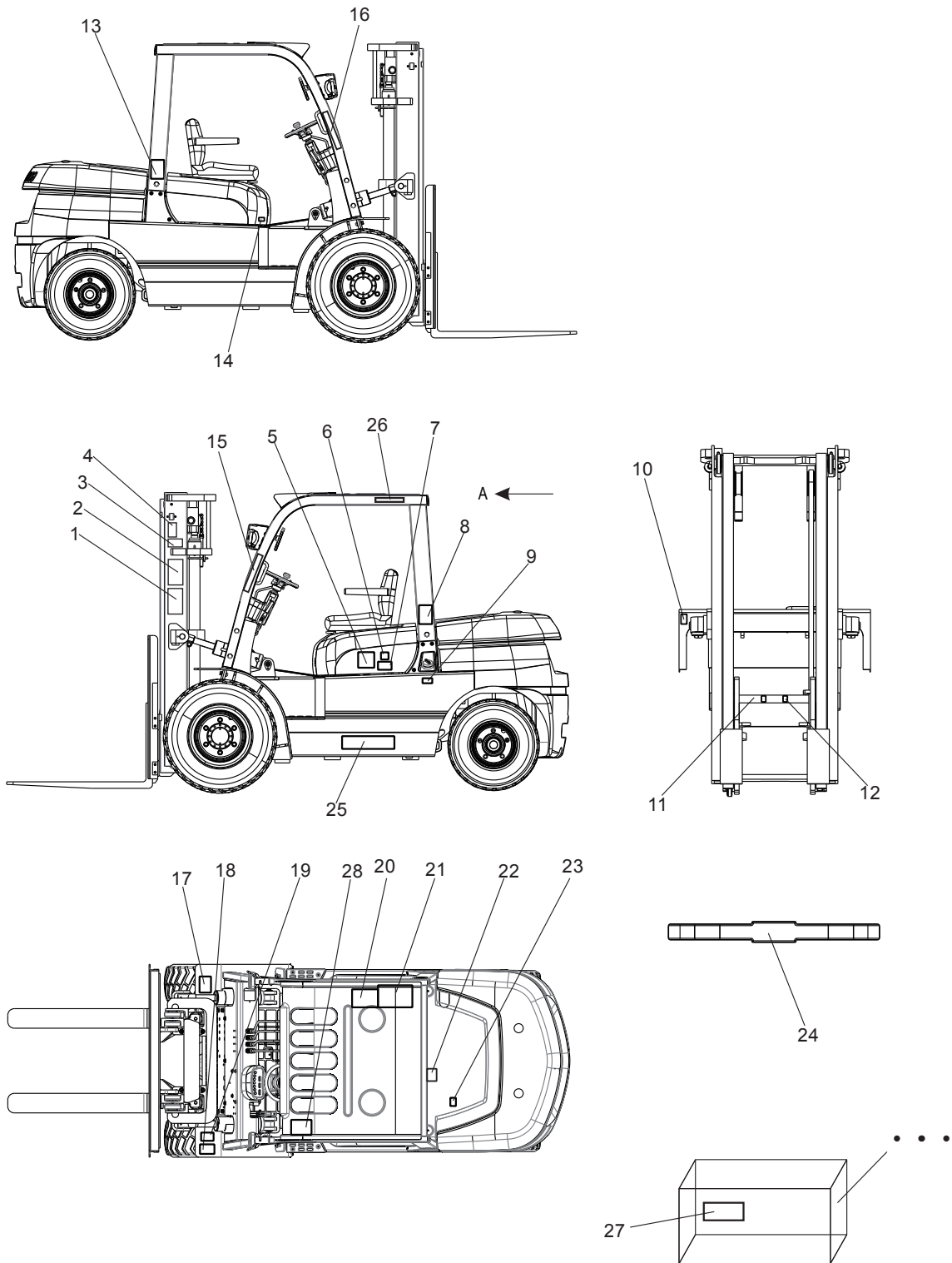
Electric system

FY40,45,50-G4

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-JK802	Integral switch	1	
–	DT02G-JK804-4D	Integral switch	1	
4	A50I2-70100	Combination	1	
5	A30C2-00500	Right head guard harness	1	
6	DZ03G-RC3/4	Oil temp sending unit	1	
7	A30B2-00900	Fused link wire	1	
8	A160A2-20100	Battery	1	
9	A30G2-00700	(+) Cable	1	
10	A30BD2-00204	Accelerator	1	
11	A30C2-00800	(–) Cable	1	
12	DZ03G-WD430	Water temp sending unit	1	
13	DT04G-LTD152	Caution light	1	
14	180	Binding	20	
15	DT09G-DJB12B	Back buzzer	1	
16	DT04G-XH8-16.3-12	Rear lights	1	
17	A30BD2-80200	Plug	1	
18	A30C2-10100	Panel	1	
19	DT05G-JK205A	Brake switch	1	
20	A45F2-80100	Vehicle harness	1	
21	DT09G-DL124ED	Horn	1	
22	A30C2-00400	Left head guard harness	1	

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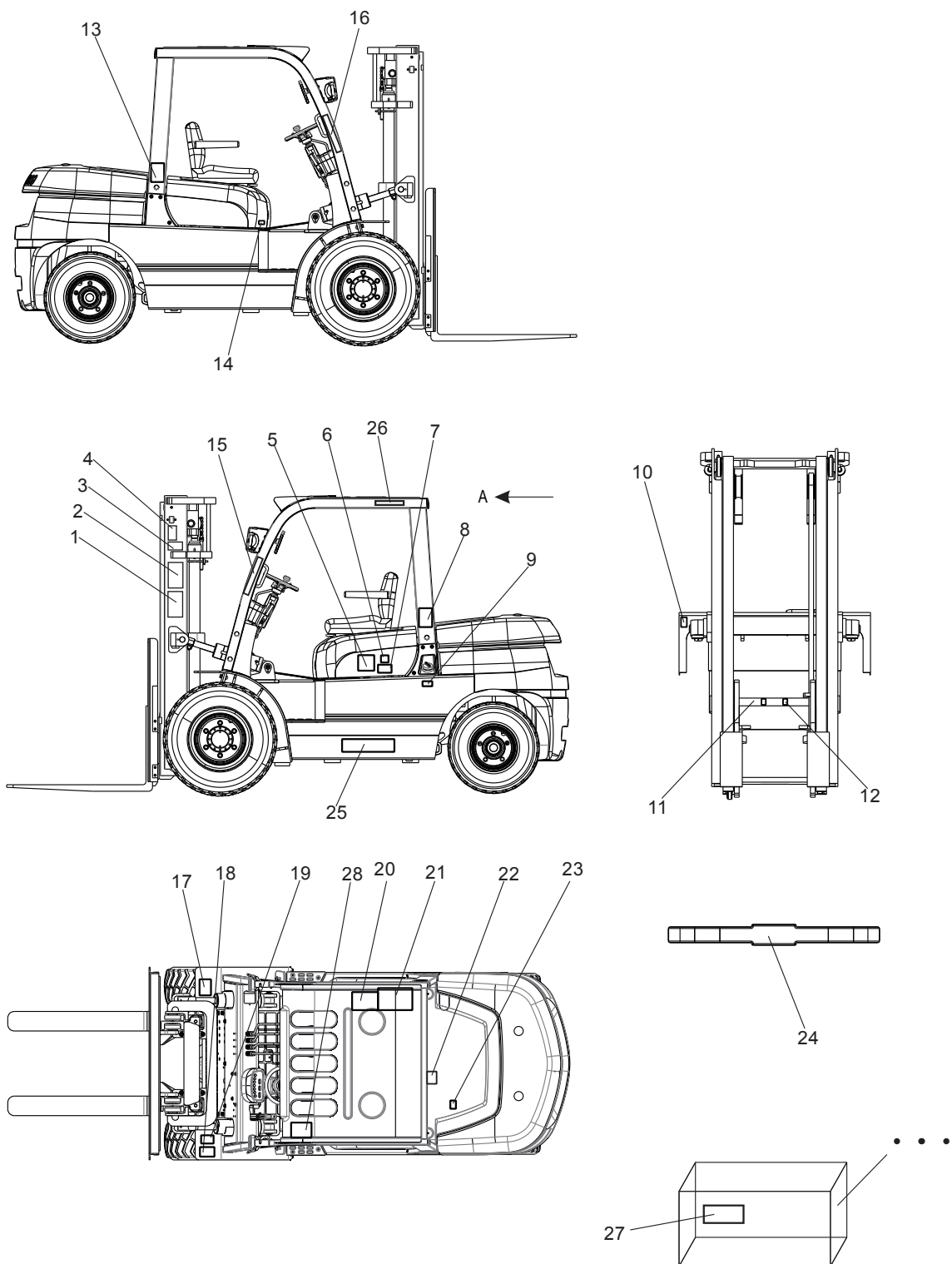
Decal



Decal

Item	Part No	Description	Q'ty	Remark
1		Decal	2	homeland
–		LOGO Decal	2	go abroad
2	GCI0001	Decal, safety	2	homeland
–	GCIY053	Decal, safety	2	go abroad
3	GCI0022	CE Decal	2	go abroad
4	GCI0014	Decal,sling	2	homeland
–	GCIY066	Decal,sling	2	go abroad
5	GCI0006	Decal,model	2	
6	GCI0032	40 Decal	2	4t
–	GCI0033	45 Decal	2	4.5t
–	GCI0034	50 Decal	2	5t
7		LOGO Decal	2	
8	GCI0005	Decal,caution	1	homeland
–	GCIY057	Decal,caution	1	go abroad
9	GCI0008	Decal,fuel	1	homeland
–	GCIY060	Decal,fuel	1	go abroad
10	GCI0418	Name plate	1	homeland
–	GCIY419	Name plate	1	go abroad
11	GCI0016	Decal, padlod mast space	1	homeland
–	GCIY068	Decal, padlod mast space	1	go abroad
12	GCI0017	Decal,notice thumb hand	1	homeland
–	GCIY069	Decal,notice thumb hand	1	go abroad
13	GCI0013	Decal,tyre safety	1	homeland
–	GCIY065	Decal,tyre safety	1	go abroad

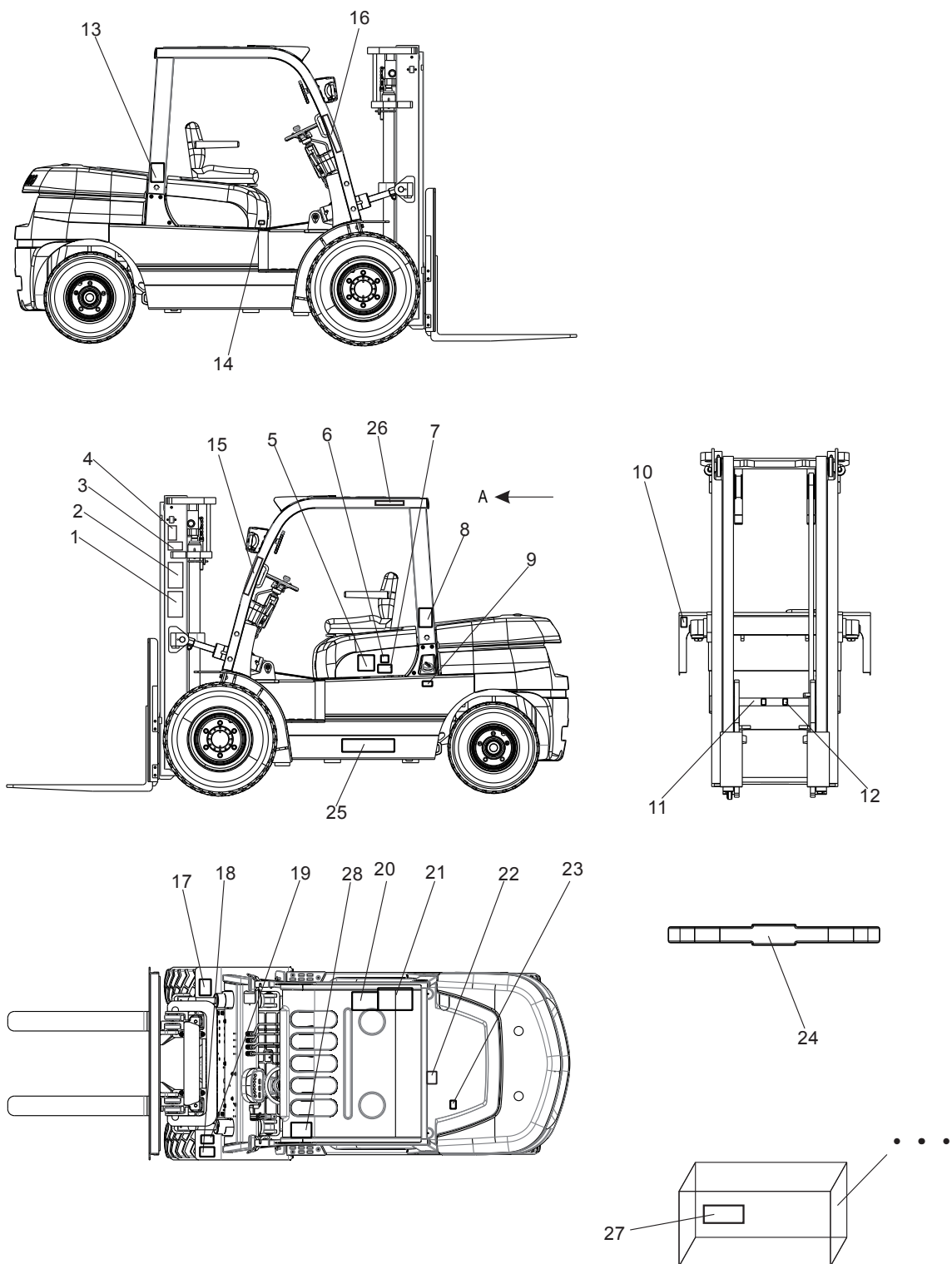
Decal



Decal

Item	Part No	Description	Q'ty	Remark
14	GCI0010	Decal,adding hydraulic oil	1	homeland
–	GCIY062	Decal,adding hydraulic oil	1	go abroad
15	GCIY273	Read instructions warning	1	
16	GCIY272	Fasten seat belts warning logo	1	
17	GCI0676	4t Decal,Iubrication chart	1	4t homeland
–	GCIY677	4t Decal,Iubrication chart	1	4t go abroad
–	GCI0678	4.5t Decal,Iubrication chart	1	4.5t homeland
–	GCIY679	4.5t Decal,Iubrication chart	1	4.5t go abroad
–	GCI0680	5t Decal,Iubrication chart	1	5t homeland
–	GCIY681	5t Decal,Iubrication chart	1	5t go abroad
18	GCI0407	Decal,Parking brake adjustment	1	homeland
–	GCIY275	Decal,Parking brake adjustment	1	go abroad
19	GCI0412	Decal	1	homeland
–	GCIY411	Decal	1	go abroad
20	GCI0003	Decal,Iubrication chart	1	homeland
–	GCIY055	Decal,Iubrication chart	1	go abroad
21	GCI0004	Decal	1	homeland
–	GCIY056	Decal	1	go abroad
22	GCI0012	Decal,fan safety	1	homeland
–	GCIY064	Decal,fan safety	1	go abroad
23	GCI0009	Decal,antifreeze liquid	1	homeland
–	GCIY061	Decal,antifreeze liquid	1	go abroad
24		Logo Decal	1	
25		Decal	1	homeland

Decal



Decal

Item	Part No	Description	Q'ty	Remark
26	GCI0122	Warning logo	1	homeland
-	GCIY124	Warning logo	1	go abroad
27	GCI0121	Electrical warning logo	1	homeland
-	GCIY125	Electrical warning logo	1	go abroad
28	GCI0409	Ban manned sign	1	homeland
-	GCIY410	Ban manned sign	1	go abroad
29	GCIY408	Weight lifting logo	2	



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