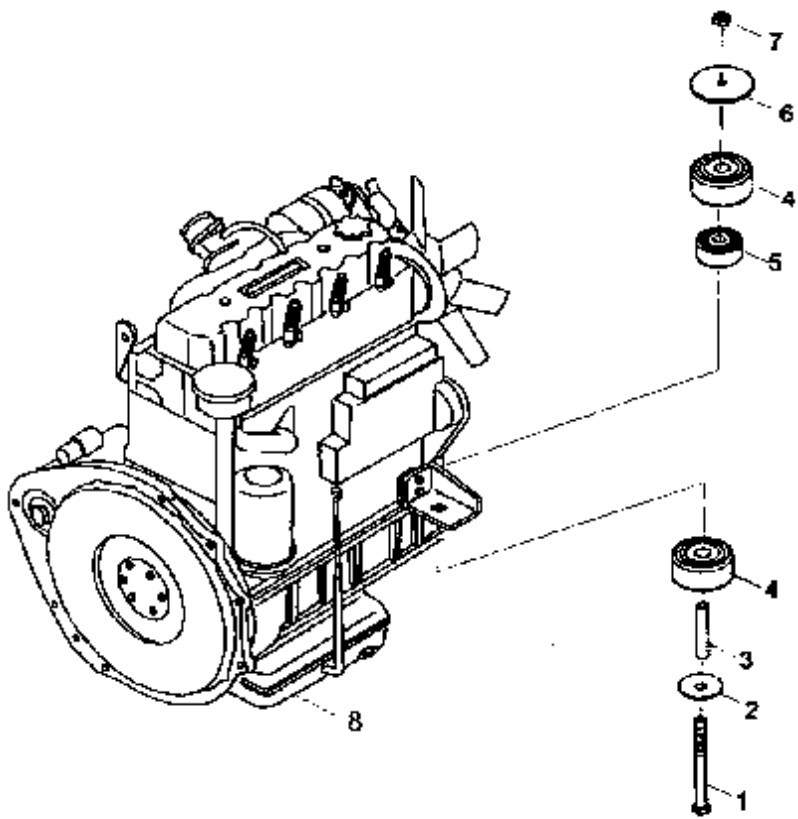


发动机及安装(柴油机)/ENGINE AND FIXING(DIESEL)

FD20~35(T)-MG  
FD20~35(T)-MW  
FG(L)20~35(T)-MG  
FG(L)20~35(T)-MW

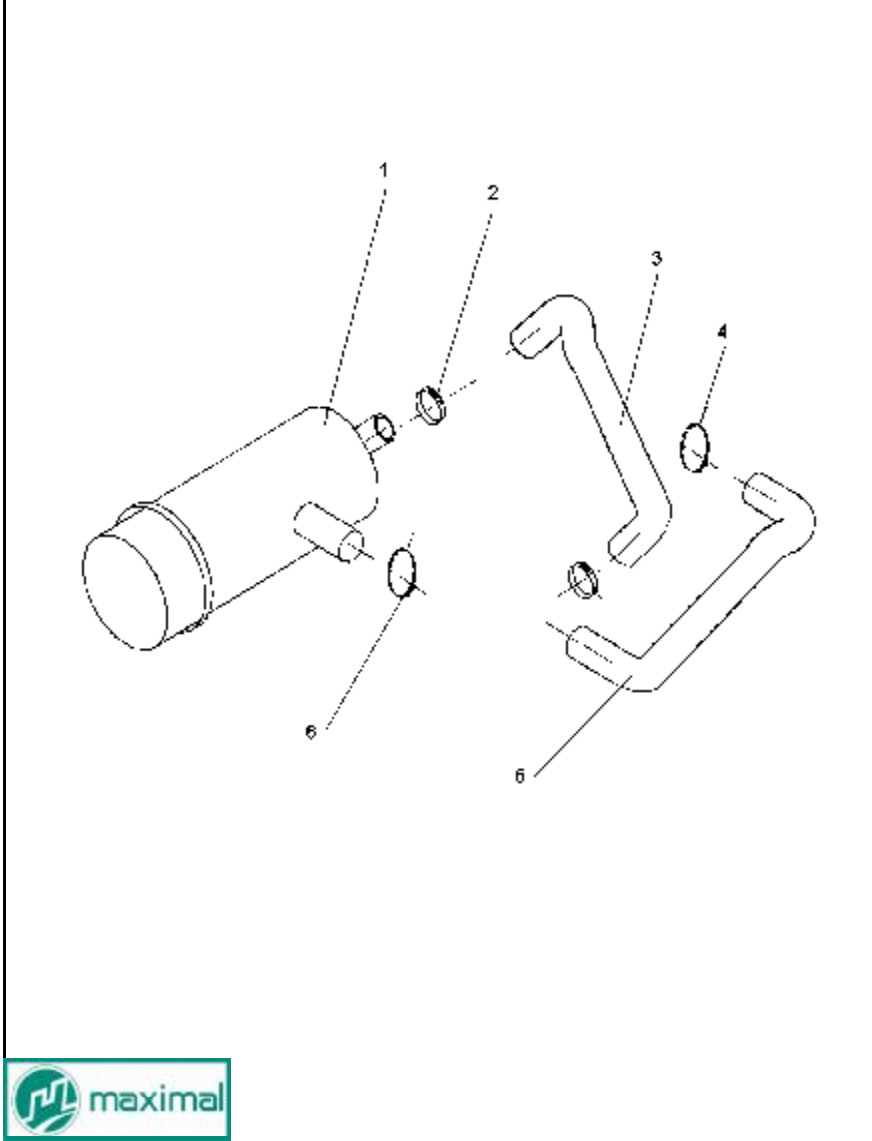


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01		Bol t 螺栓M10×110	2	
02	M3031300001	Shi m 垫片	2	
03	M3031300002	Coi ler 套管	2	
04	M3031300003	Rubber 橡胶垫	2	
05	M3031300004	Rubber 橡胶垫	2	
06	M3031300005	Washer 垫圈	2	
07	M3031300006	Nut 螺母M10	2	
08	495BPG-34	Engi ne 新昌495BPG-1	1	
—	490BPG-52	Engi ne 新昌490BPG-1	1	
—	C240PKJ	Engi ne C240PKJ	1	
—	4JG2-01	Engi ne 4JG2-01	1	
—	490TB(D1)	Engi ne 苏州490TB(D1)	1	
—	498BPG-1	Engi ne 新昌498BPG-1	1	
—	NI SSAN	Engi ne NI SSAN H25	1	
—	WF491	Engi ne WF491GP	1	



## 空滤器安装/AIR CLEANER ASS'Y

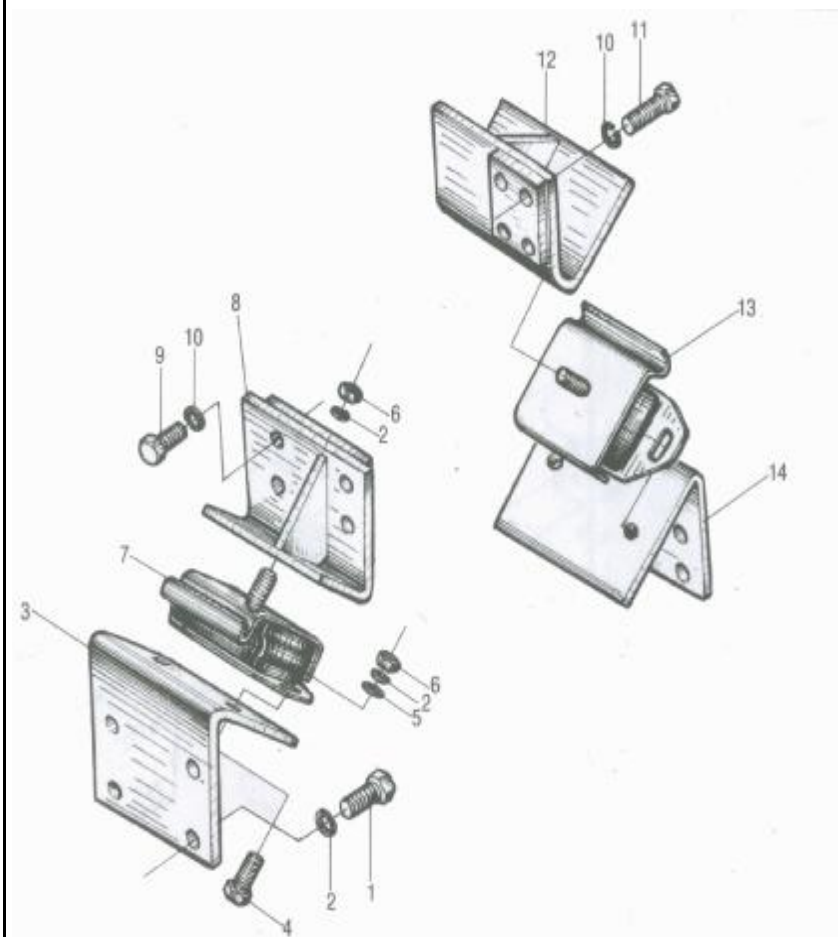
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	KW1025A3s	Air cleaner (Inc.10) 空滤器安装	1	G
	K127260-1	Air cleaner (Inc.10) 空滤器安装	1	W
02	JB/ZQ3777-86	Clip 双钢丝卡箍Φ60	2	
03	M3031200001	Duct 空滤器进气管	1	YANMAR
	M3031200005	Duct 空滤器进气管	1	
04	JB/ZQ3777-86	Clip 双钢丝卡箍Φ65	2	
05	M3031200002	Duct 空滤器出气管	1	WF491
	M3031200004	Duct 空滤器出气管	1	490
	M3031200006	Duct 空滤器出气管	1	C240
	M3031200007	Duct 空滤器出气管	1	YANMAR
	M3031200008	Duct 空滤器出气管	1	NISSAN
06	JB/ZQ3777-86	Clip 双钢丝卡箍Φ80	1	

发动机及安装(柴油机)/ENGINE AND FIXING(DIESEL)

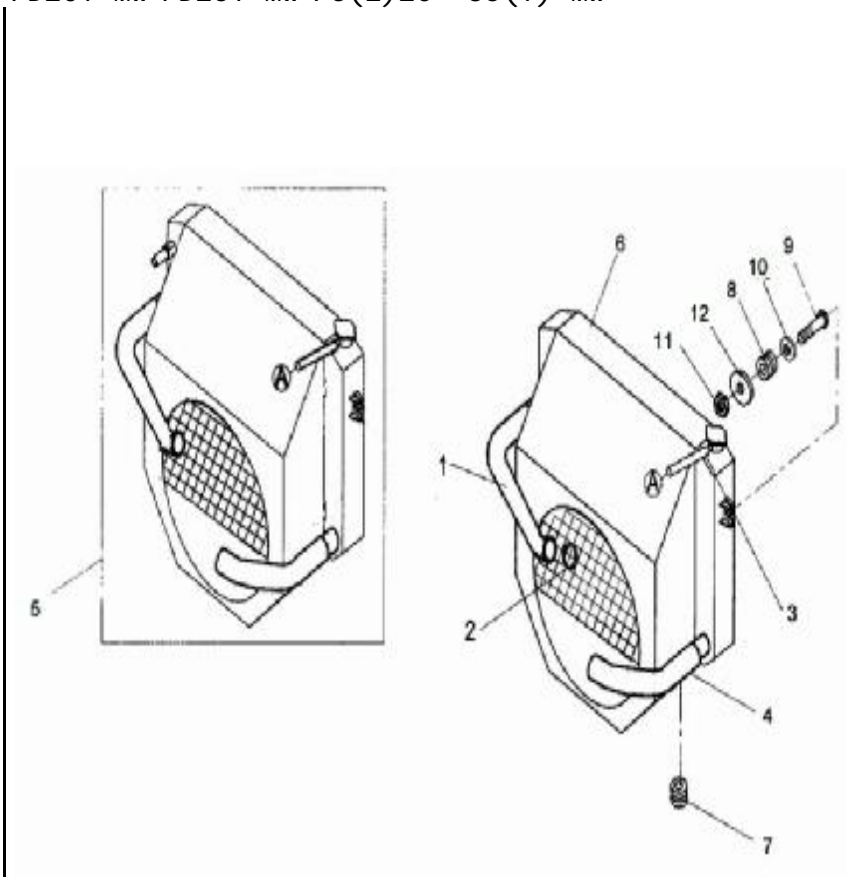
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	GB5783-86	Bol t 螺栓M10×110	8	
02	GB93-87	Washer 垫片12	14	
03	M3036100030	Engine left bracket 发动机左安装架	1	
-	M2036100030	Engine left mount bracket 发动机左安装架	1	
04	GB5783-86	Bol t 螺栓M12×35	4	
05	GB97.1-85	Washer 垫圈12	2	
06	GB6170-86	Nut 螺母M12	2	
07	M3036100031	Block 前支撑左垫块总成	1	
08	M3036100028	Engine left bracket 发动机左支架	1	
09	GB5783-86	Bol t 垫圈10螺栓M10×35	4	
10	GB93-87	Washer 垫圈10	8	
11	GB5783-86	Bol t 垫圈10螺栓M10×45	4	
12	M3036100029	Engine right bracket 发动机右支架	1	
13	M3036100033	Block 前支撑右垫块总成	1	
14	M3036100032	Engine right mount bracket 发动机右安装架	1	
-	M2036100032	Engine right mount bracket 发动机右安装架	1	

### 冷却系统(柴油机)/COOLING SYSTEM(DIESEL)

FD20-MG FD25-MG FD20~35(T)-MG  
 FD20-MW FD25-MW FD20~35(T)-MW  
 FD20T-MG FD25T-MG FG(L)20~35(T)-MG  
 FD20T-MW FD25T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3032100001	Rubber pipe for inlet 进水管	1	490
-	M3032100003	Rubber pipe for inlet 进水管	1	YANMAR
-	M3032100007	Rubber pipe for inlet 进水管	1	C240
02	JB/ZQ3777-86	Clip 双钢丝卡箍Φ45	4	
03	M3032101001	Hose 橡胶管Φ8×600	1	
04	M3032100002	Rubber pipe for outlet 出水管	1	490
-	M3032100004	Rubber pipe for outlet 出水管	1	YANMAR
-	M3032100005	Rubber pipe for outlet 出水管		WF491
-	M3032100006	Rubber pipe for outlet 出水管		NISSAN
05	M3032101000	Radiator 水箱总成	1	490(J)
06	M3032102000	Radiator 水箱总成	1	YANMAR(Y)
-	M3032102000J	Radiator 水箱总成	1	YANMAR(J)
-	M3032103000	Radiator 水箱总成	1	WF491
-	M3032105000	Radiator 水箱总成	1	498(Y)
-	M3032106000	Radiator 水箱总成	1	C240
-	M3032107000	Radiator 水箱总成	1	NISSAN
07	M3032100010	Rubber 橡胶垫I	2	
08	M3032100011	Rubber 橡胶垫I	2	
09	M3032100012	Bol t 螺栓	1	
10	GB97.1-85	Washer 垫片8	2	
11	GB6184-86	Nut 螺母M8	2	
12	GB96-85	垫圈12	2	



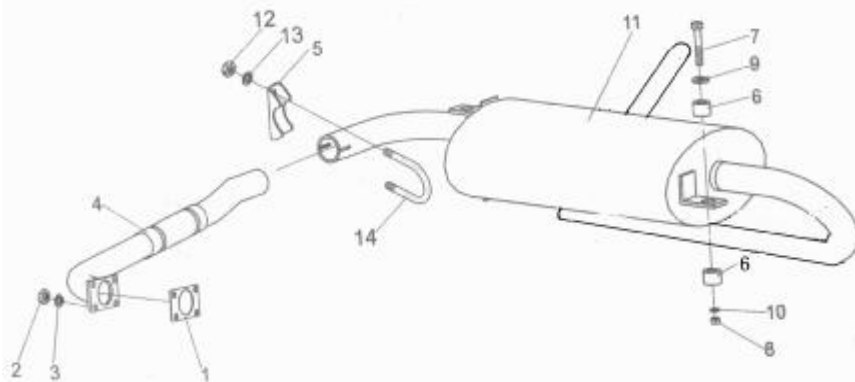




## 排气系统/EXHAUST SYSTEM

FD20~35(T)-MW

FG(L)20~35(T)-MW



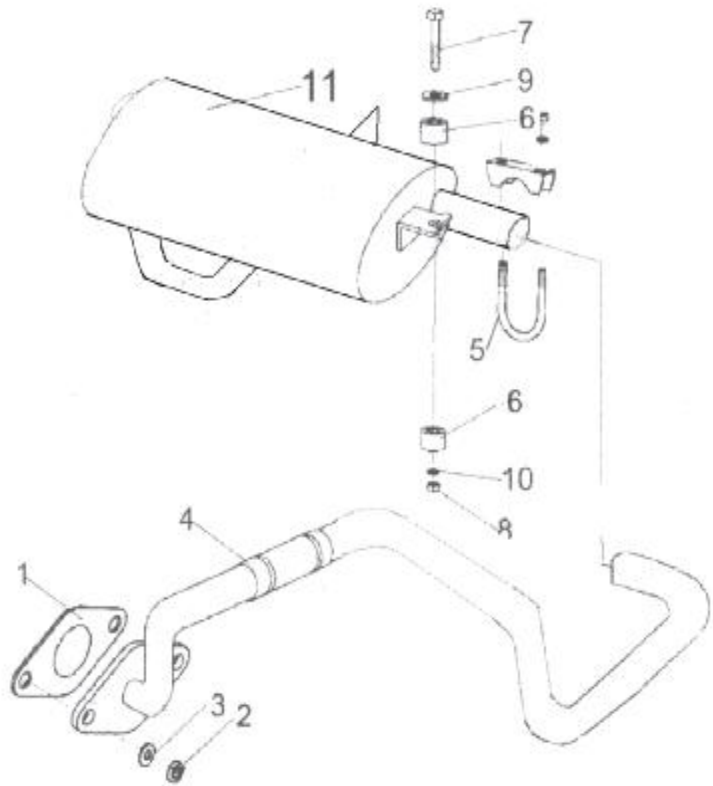
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01		Packing 垫片	1	
02	GB6173-86	Nut 螺母M10x1.25	4	
03	GB93-87	Washer 垫圈10	4	
04	M3032305000	Pi pe ass'y 排气管总成	1	YANMAR
—	M3032311000	Pi pe ass'y 排气管总成	1	C240
	M3032313000	Pi pe ass'y 排气管总成	1	NI SSAN
05	M3032300003	U-cl amp U型管卡	1	
06	M3032300002	Rubber 橡胶垫	2	
07	M3032300001	Bol t 螺栓	2	
08	GB6170-86	Nut 螺母M8	2	
09	GB97.1-85	Shi m 垫片8	2	
10	GB93-87	Washer 垫圈8	2	
11	M3032306000	Muffl er 消因器	1	3-3.5T
	M2032303000	Muffl er 消因器	1	2-2.5T
12	GB6170-86	Nut 螺母M 8	2	
13	GB93-87	Shi m 垫圈8	2	
14	M3032300004	U-bol t U型螺栓	1	



排气系统/EXHAUST SYSTEM

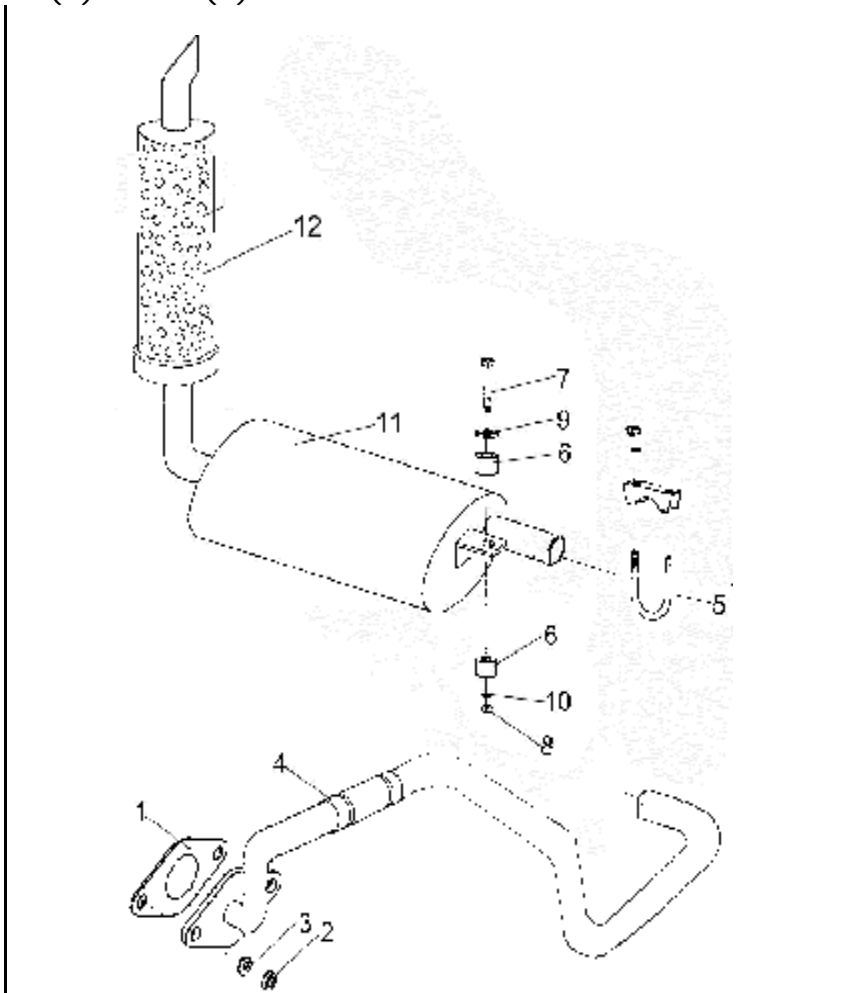
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3032302001	Packing 垫片	1	
02	GB6173-86	Nut 螺母M8×1.25	2	
03	GB93-87	Washer, lock 垫圈8	2	
04	M3032302000	Pipe ass'y 排气管总成	1	490
—	M3032309000	Pipe ass'y 排气管总成	1	WF491
05	M3032300003	U-cl amp 管卡	1	
06	M3032300002	Rubber 橡胶垫	2	
07	M3032300001	Bo l t 螺栓	2	
08	GB6170-86	Nut 螺母M8	2	
09	GB97. 1-85	Shim 垫片8	2	
10	GB93-87	Washer 垫圈8	2	
11	M3032304000	Muffler 消音器	1	490(3T)
—	M2032302000	Muffler 消音器	1	490(2T)
—	M3032308000	Muffler 消音器	1	WF491(3T)
—	M2032301000	Muffler 消音器	1	WF491(2T)



排气系统/EXHAUST SYSTEM

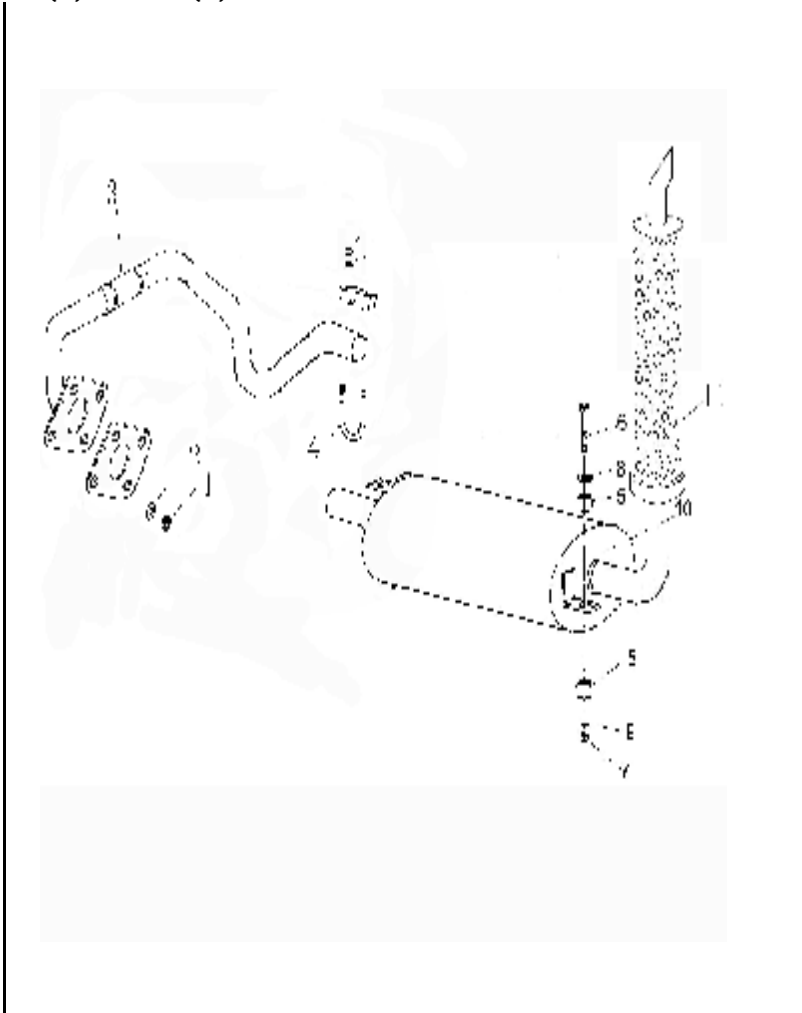
FD20~35(T)-MG  
FD20~35(T)-MW  
FG(L)20~35(T)-MG  
FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3032302001	Packng 垫片	1	
02	GB6173-86	Nut 螺母M8×1.25	2	
03	GB93-87	Washer, lock 垫圈8	2	
04	M3032302000	Pi pe ass'y 排气管总成	1	490
—	M3032309000	Pi pe ass'y 排气管总成	1	WF491
05	M3032300003	U-cl amp 管卡	1	
06	M3032300002	Rubber 橡胶垫	2	
07	M3032300001	Bo l t 螺栓	2	
08	GB6170-86	Nut 螺母M8	2	
09	GB97. 1-85	Shi m 垫片8	2	
10	GB93-87	Washer 垫圈8	2	
11	M3032303000	Muffl er 消音器	1	490
—	M3032310000	Muffl er 消音器	1	WF491
12	M3032304000	Cover 高位排气罩	1	

排气系统/EXHAUST SYSTEM (C240发动机)

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

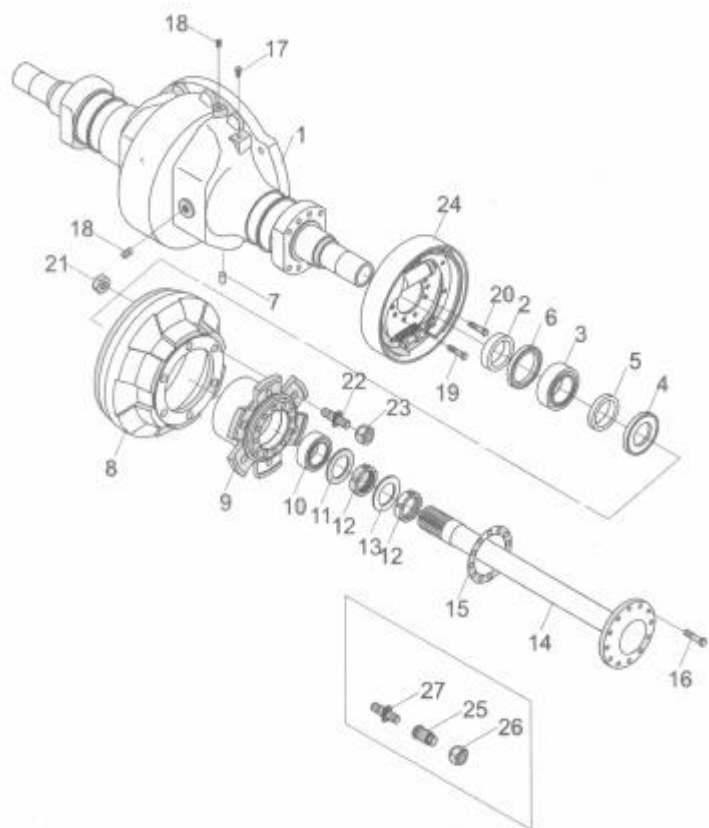


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	GB6184-86	Nut 螺母M8×1.25	2	
02	GB93-87	Washer 垫圈8	2	
03	M3032305000	Pipe ass'y 排气管总成	1	YANMAR
-	M3032311000	Pipe ass'y 排气管总成	1	C240
-	M3032313000	Pipe ass'y 排气管总成	1	NISSAN
04	M3032300004	U-Bol t U型螺栓	1	
05	M3032300002	Rubber 橡胶垫	4	
06	M3032300001	Bol t 螺栓	2	
07	GB6170-86	Nut 螺母M8	2	
08	GB848-85	Shi m 垫片8	2	
09	GB93-87	Washer 垫圈8	2	
10	M3032307000	Muffl er 消音器	1	
11	M3032304000	Cover 排气管罩	1	



## 驱动桥 / DRIVE AXLE

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

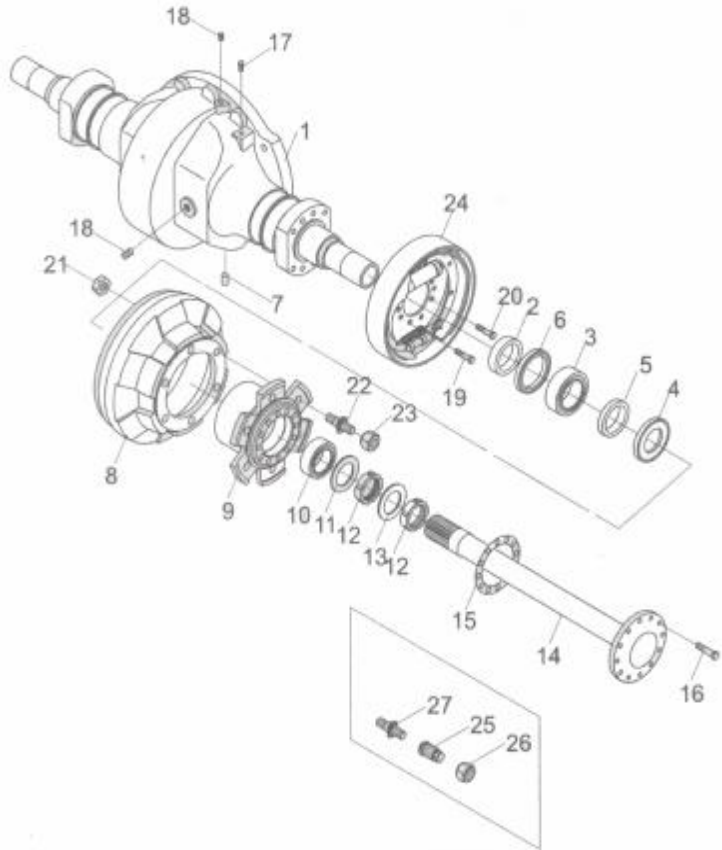


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M2033000001	Housing, axle	1	桥壳 2-2.5t
—	M3033000001	Housing, axle	1	桥壳 3-3.5t
02		Retainer, oil seal	2	油封挡圈
03		Seal, oil	2	油封SD100×125×12
04		Retainer	2	挡油圈
05		Washer	2	备用垫
06		Bearing	1	轴承7214E
07	GB/T882-1986	Pin	2	销D10×30
08	M2033000002	Drum, brake	2	制动鼓 2-2.5t
—	M3033000002	Drum, brake	2	制动鼓 3-3.5t
09	M2033000003	Hub, front	2	轮毂 2-2.5t
—	M3033000003	Hub, front	2	轮毂 3-3.5t
10		Seal, oil ass'y	2	轴承油封总成
11	GB/T810-1988	Packing	4	垫 GB810-88
12	GB/T858-1988	Nut	2	螺母M60×2 GB858-88
13		washer	2	垫圈60
14	M2033000004	Shaft, drive	2	半轴 2-2.5t
—	M3033000004	Shaft, drive	2	半轴 3-3.5t
15	M3033000005	Packing	2	半轴垫
16		Bol t	24	螺栓
17	M3033000006	Breather, ai r	1	通气塞总成
18		Pl ug	3	堵塞
19		Bol t	12	螺栓
20		Bol t	4	螺栓
21	GB6171-86	Nut	12	螺母M20×1.5
22		Bol t	12	螺栓柱 2-2.5t
—		Bol t	12	螺栓柱 3-3.5t
23		Nut	12	球螺母 2-2.5t
—		Nut	12	球螺母 3-3.5t

## 驱动桥 / DRIVE AXLE

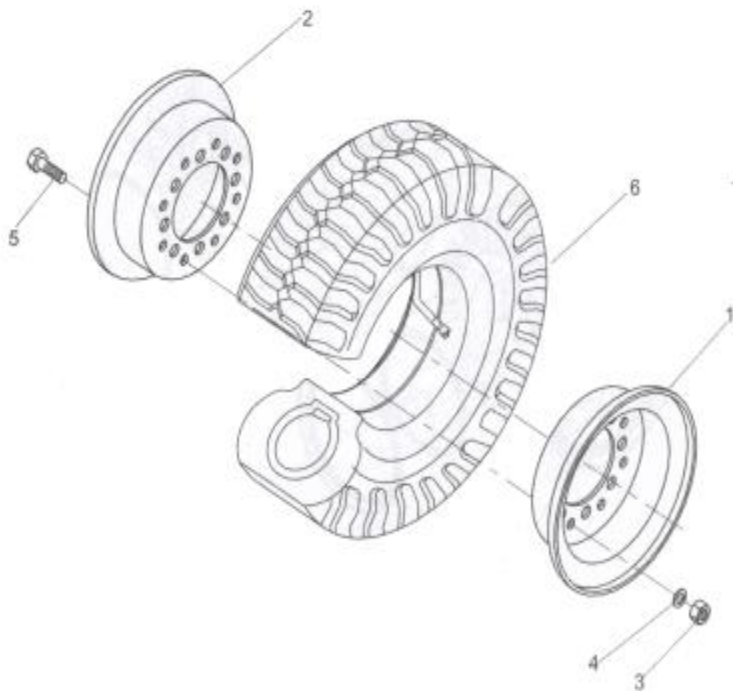
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
24	M2033005000	Wheel brake 制动器总成	2	2-2.5t
—	M3033005000	Wheel brake 制动器总成	2	3-3.5t
25		Nut, hub 柱螺母	12	3-3.5t, 双胎
—		Nut, hub 柱螺母	12	2-2.5t, 双胎
26		Nut, hub 双胎球螺母	12	3-3.5t
—		Nut, hub 双胎球螺母	12	2-2.5t
27		Bo l t, hub 双胎球螺母	12	3-3.5t
—		Bo l t, hub 双胎球螺母	12	2-2.5t



驱动轮 / DRIVE WHEEL

FD20~25(T)-MG  
 FD20~25(T)-MW  
 FG(L)20~25(T)-MG  
 FG(L)20~25(T)-MW



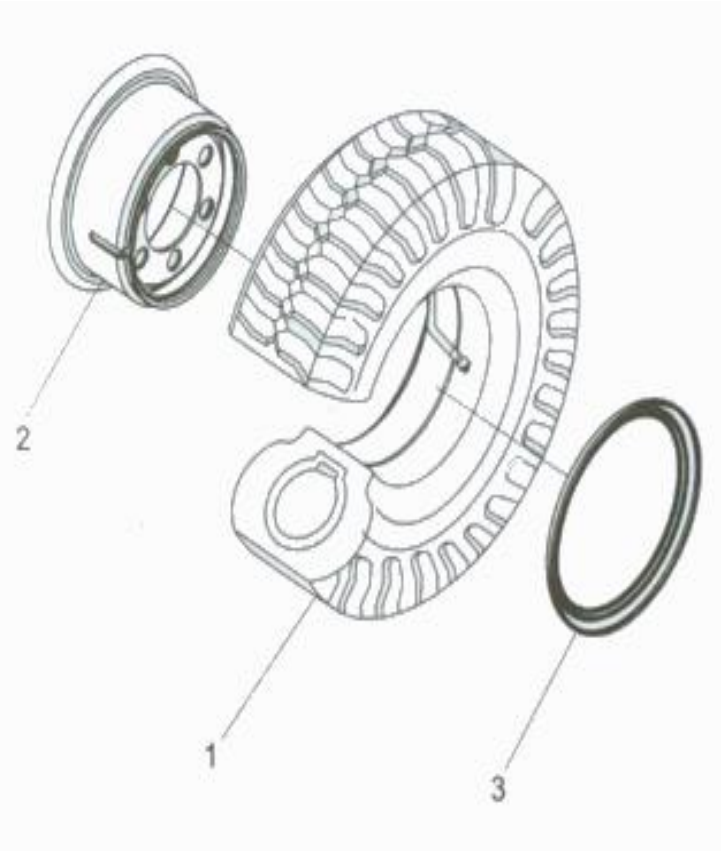
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M2033001000	Rim, outside 外轮辋	2	
—	M2033003000	Rim, outside ass'y 外轮辋总成	2	双胎
02	M2033002000	Rim, inside 内轮辋	2	
—	M2033004000	Rim, inside ass'y 内轮辋总成	2	双胎
03	GB6170-86	Nut 螺母M16	12	
04	GB93-87	Washer, lock 垫圈 1 6	12	
05	GB5782-86	Bol t 螺栓M16×35	12	
06	7.00-12-12PR	Ti re 轮胎7.00-12-12PR	2	GB2981-91单胎
—	7.00-12-12PR	Ti re 轮胎7.00-12-12PR	4	GB2981-91双胎



驱动轮/DRIVE WHEEL

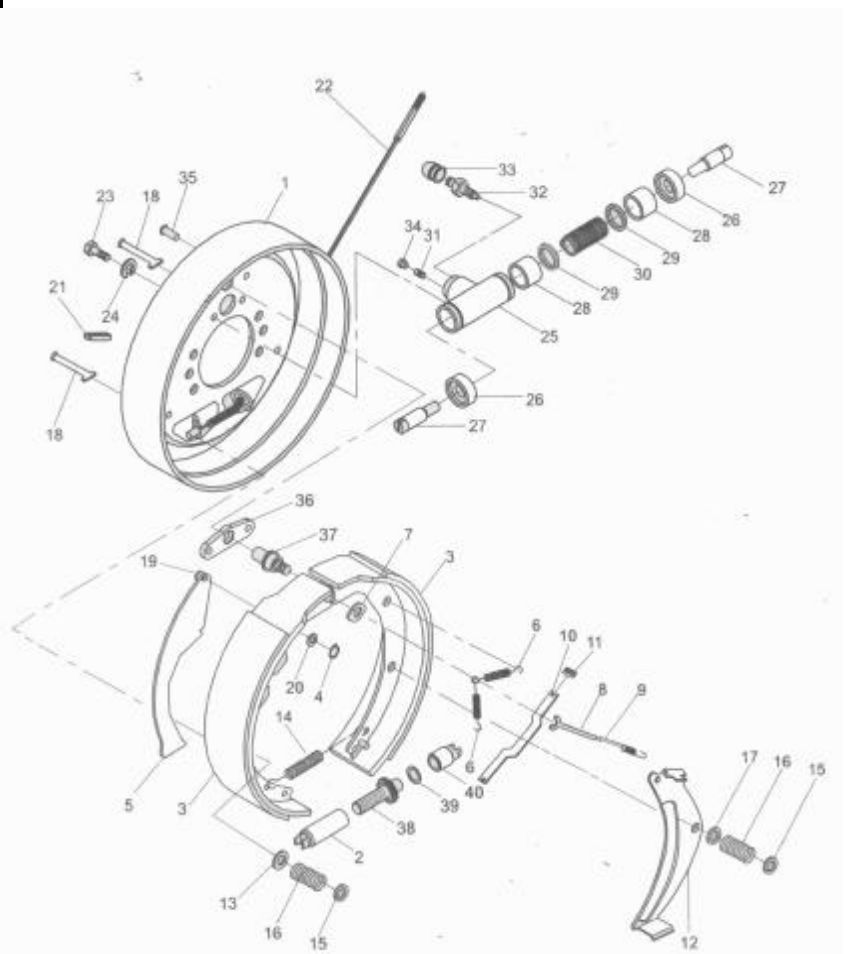
FD30~35(T)-MG  
 FD30~35(T)-MW  
 FG(L)30~35(T)-MG  
 FG(L)30~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
		Front weel	车轮	2
01	28×9-15/8. 15-15PR	Tire	轮胎	2
—	28×9-15/8. 15-15PR	Tire	轮胎	4 双胎
02	M3033001000	Ri me	轮辋总成	2
—	M3033003000	Ri me	双胎轮辋总成	2 双胎
03	M3033002000	Snap ring	锁圈	2



## 轮式制动器/WHEEL BRAKE

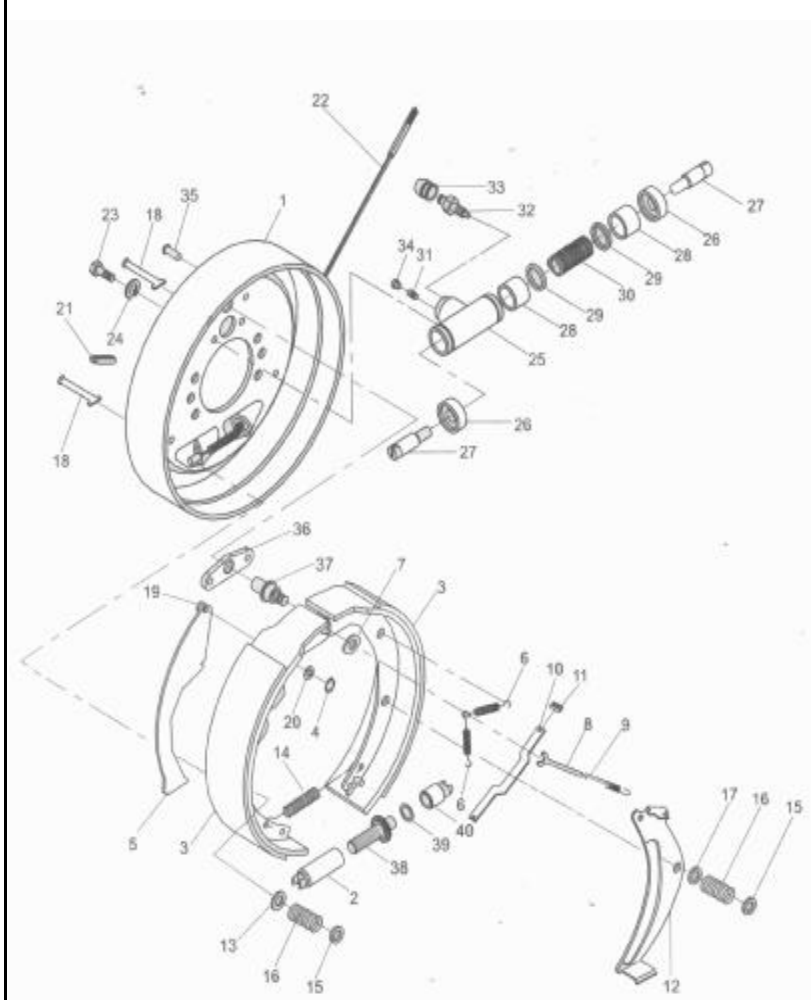
FD20-MG FD20~25(T)-MG  
 FD20-MW FD20~25(T)-MW  
 FD20T-MG FG(L)20~25(T)-MG  
 FD20T-MW FG(L)20~25(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M2033005000	Wheel brake ass'y(L. H.)	1	制动器总成(左)
—	M2033006000	Wheel brake ass'y(L. H.)	1	制动器总成(右)
01	M2033006001	Back plate	1	制动器底板总成
02	M2033006002	Adjuster	1	间隙调整器
03	M2033006003	Brake shoe	2	摩擦片总成
04	M2033006004	Spring shim	1	弹性垫片
05	M2033006005	Lever LH brake	2	手制动拉杆
06	M2033006006	Spring, shoe return	1	回位弹簧
07	M2033006007	Plate, shoe guide	1	垫片
08	M2033006008	Stopper, pole lever	1	顶杆
09	M2033006009	Spring, actuator	1	回位弹簧
10	M2033006010	Strut	1	手制动推杆
11	M2033006011	Spring	1	压缩弹簧
12	M2033006012	Lever L. H pole	1	调整杠杆
13	M2033006013	Washer. cup	3	压簧座
14	M2033006014	Spring	1	弹簧
15	M2033006015	Washer. cup	4	压簧盖
16	M2033006016	Spring	4	弹簧
17	M2033006017	Washer. cup	1	压簧座
18	M2033006018	Pin, shoe hold	4	压簧拉杆
19	M2033006019	Pin, lever	1	支撑销
20	M2033006020	Shim	1	垫片
21	M2033006021	Plug, rubber	1	胶堵
22	M2033005300	Cable L. H.	1	制动钢索总成(左)
—	M2033005400	Cable R. H.	1	制动钢索总成(右)
23	GB5783-86	Bol t	2	螺栓M8×16
24	GB93-87	Washer	2	垫圈 8
B	M2033005500	Wheel cylinder ass'y	1	制动分泵总成
25	M2033005501	Body	1	制动分泵缸
26	M2033005502	Cover, dust	2	制动分泵护罩

## 轮式制动器/WHEEL BRAKE

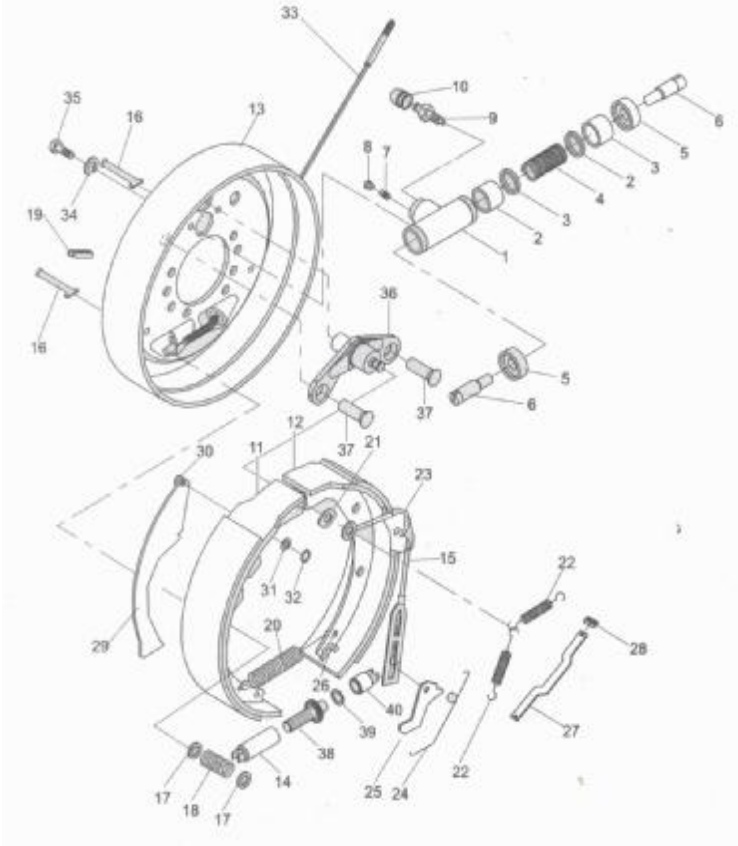
FD20~25(T)-MG  
 FD20~25(T)-MW  
 FG(L)20~25(T)-MG  
 FG(L)20~25(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
27	M2033005503	Rod, piston	2	
28	M2033005504	Piston	2	
29	M2033005505	Cup, piston	2	
30	M2033005506	Spring	1	
31	M2033005507	Seat, tube	1	
32	M2033005508	Screw, bleeder	1	
33	M2033005509	Cap, screw	1	
34	M2033005510	Cap, dust	1	
35	M2033005511	Rivet	2	
36	M2033005512	Plate	1	
37	M2033005513	Pin	1	
38	M2033005514	Adjuster bolt	1	左右旋螺纹各一 left & right threads
39	M2033005515	Washer	1	
40	M2033005516	Adjuster staff	1	

轮式制动器/WHEEL BRAKE(3-3.5t)

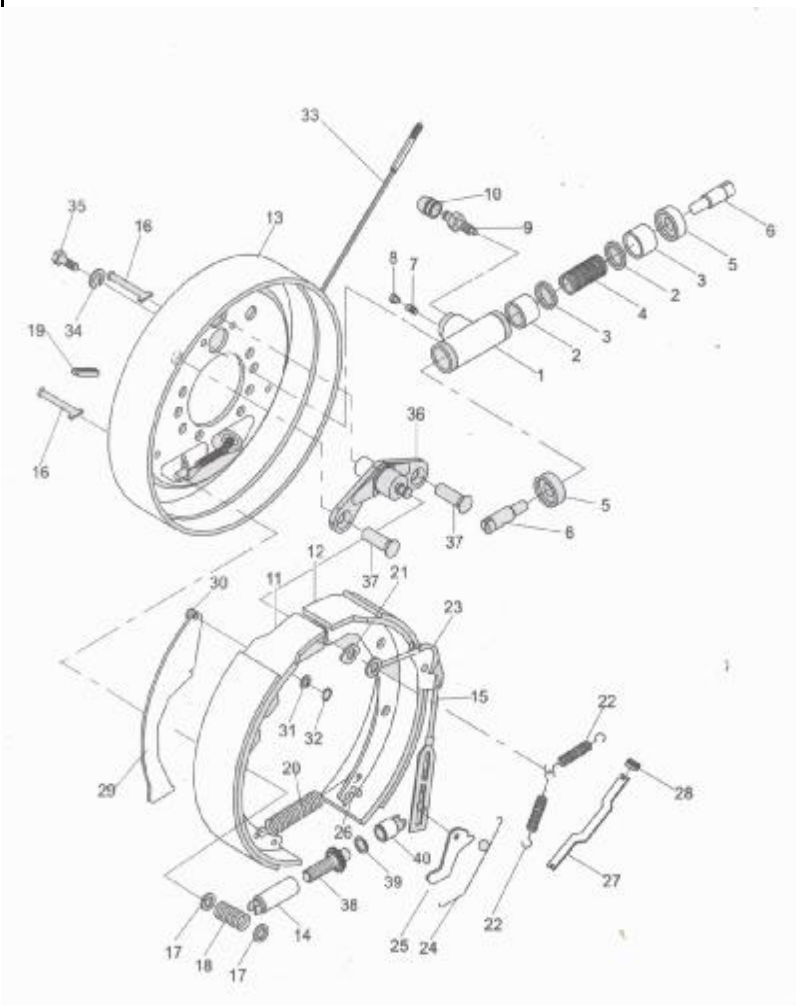
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M3033005000	Wheel brake ass'y(L.H.)		制动器总成(左) 包括序号01-38
—	M3033006000	Wheel brake ass'y(R.H.)	1	制动器总成(右) 包括序号01-38
B	M3033005100	Wheel cylinder ass'y	1	制动分泵总成 包括序号01-10
01	M3033005101	Cylinder(L.H.&R.H.)	1	制动分泵缸
02	M3033005102	Piston	2	分泵活塞
03	M3033005103	Cup, piston	2	分泵皮碗
04	M3033005104	Spring	1	分泵弹簧
05	M3033005105	Cover, dust	2	分泵护罩
06	M3033005106	Rod, piston	2	分泵活塞顶杆
07	M3033005107	Plug	1	制动分泵油塞
08	M3033005108	Shroud	1	螺纹防护罩
09	M3033005109	Screw, breather	1	分泵放气螺钉
10	M3033005110	Cap, screw	1	分泵放气螺钉帽
11	M3033005200	Pin, shoe&lining ass'y	1	制动蹄带摩擦片总成(前)
12	M3033005300	Pin, shoe&lining ass'y	1	制动蹄带摩擦片总成(后)
13	M3033005400	Back plate	1	制动器底板总成
14	M3033005500	Crevice adjuster(L.H.&R.H)	1	间隙调整器
15	M3033005501	Spring&Fitting ass'y	1	弹簧拉线装置
16	M3033005502	Pin, shoe hold down	2	压簧拉杆
17	M3033005503	Cup, shoe hole down	4	压簧座
18	M3033005504	Spring, shoe hold down	2	压簧
19	M3033005505	cover, adjudsting hole	1	胶堵
20	M3033005506	Spring shoe	1	回位弹簧
21	M3033005507	Guide plate	1	导向板
22	M3033005508	Return spring, brake shoe	2	制动蹄回位弹簧
23	M3033005509	Gui de, cable	1	导向块
24	M3033005510	Spring	1	弹簧
25	M3033005511	Lever	1	棘爪
26	M3033005512	Pin	1	销钉
27	M3033005513	Strut L.H.	1	手制动推杆

### 轮式制动器/WHEEL BRAKE

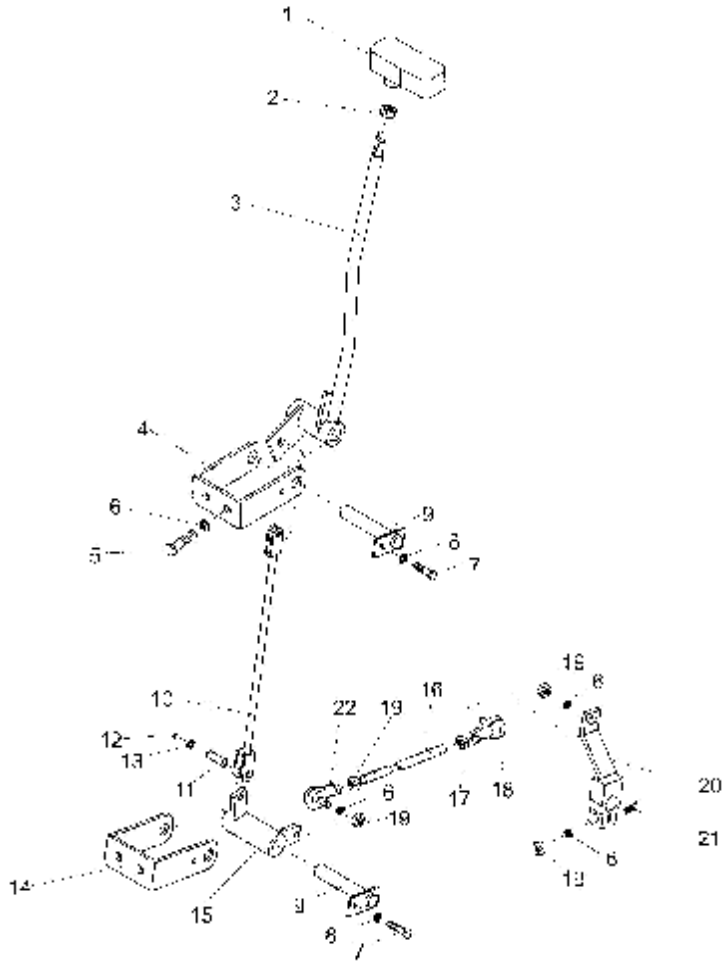
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
28	M3033005014	Spring 弹簧	1	
29	M3033005015	Rod 手制动拉杆	1	左右对称各一left & right types
30	M3033005016	Pin 销钉	1	
31	M3033005017	washer, spring 弹性垫片	1	
32	M3033005018	Snap, ring, pin axle 杆销挡圈	1	
33	M3033005600	Cable L. H 制动钢索总成 (左)	1	
—	M3033005700	Cable L. H 制动钢索总成 (右)	1	
34	M3033005019	Washer 垫圈 8	2	GB93-87
35	M3033005020	Bol t 螺栓M8×1.25×20	2	GB5783-86
36	M3033005021	P in 支撑销	1	
37	M3033005022	Ri vet 铆钉	2	
38	M3033005023	Adjuster bol t 间隙调整螺栓	1	左右旋螺纹各一left & right threads
39	M3033005024	Washer 垫圈 10	1	
40	M3033005025	Adjuster staff 间隙调整杆	1	

变速箱变速操纵（液力机械式）TRANSMISSIBILITY CONTROL LINKAGE(TOR-CON TYPE)

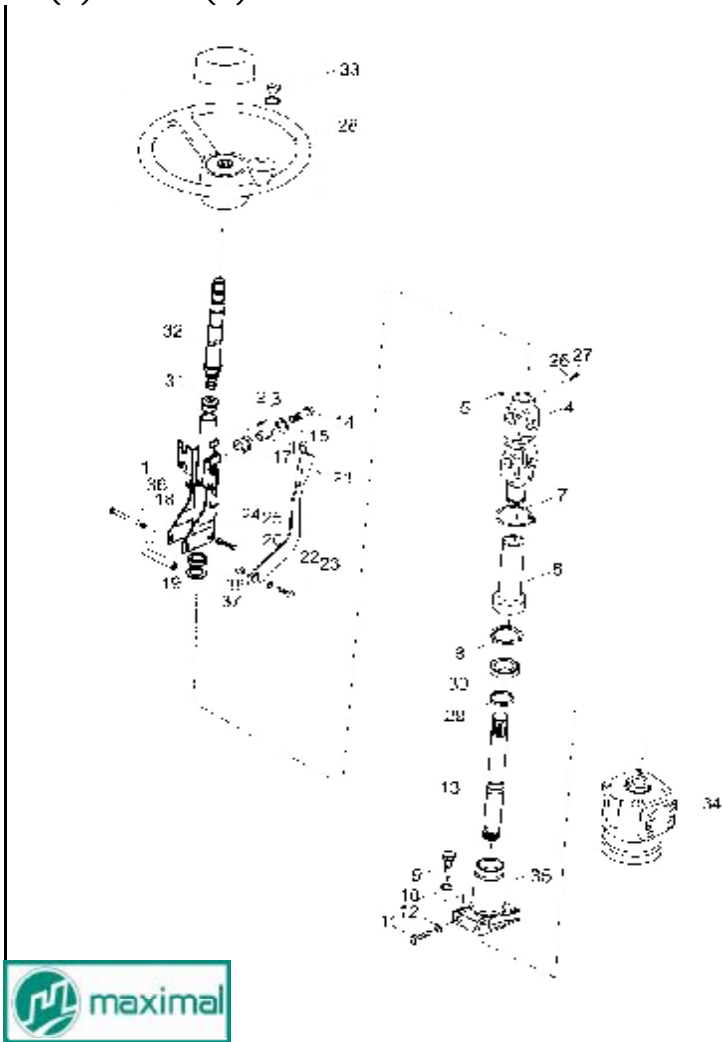
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M30349	Transmission control li	变速操纵	1
—		Transmission control li	变速操纵	1
01	M3034900001	Knob	手柄	1
02	GB6172-86	Nut	螺母 M10×1.5	1
03	M3034900002	Lever	操纵杆总成	1
04	M3034900003	Bracket(left)	支架(左)	2
05	GB5783-86	Bol t	螺栓M8×25	2
06	GB93-87	Washer	垫圈8	2
07	GB5783-86	Bol t	螺栓M6×12	2
08	GB93-87	Washer	垫圈6	2
09	M3034901000	Shaft	销轴总成	2
10	M3034902000	Li nk	连杆	1
11	GB882-86	Pi n	销轴8×18	1
12	GB91-86	Pi n	开口销3.2×20	1
13	GB97.1-85	Washer	垫圈8	1
14	M3034900004	Bracket(lower)	支架(下)	1
15	M3034903000	Boss	摇臂总成	1
16	M3034900005	Li nk	连杆	1
17	GB6172-86	Nut(left)	螺母M8（左）	1
18	M3034904000	Beari ng	弯杆型球头杆端关节轴承	1
19	GB6170-86	Nut(left)	螺母M8（左）	4
20	M3034905000	Li nk	连杆	1
21	GB5783-86	Bol t	螺栓M8×35	1
22	M3034906000	Beari ng	弯杆型球头杆端关节轴承	1

## 转向装置 / STEERING SYSTEM

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



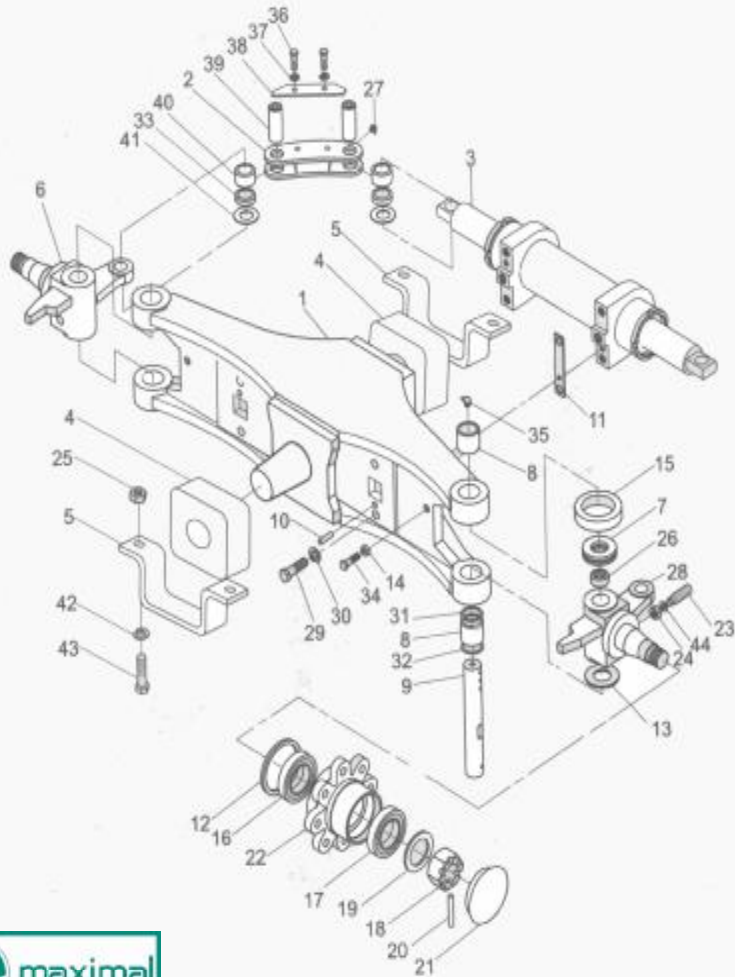
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3034201000	Column	1	转向管柱
02	GB97.1-85	Washer	4	垫圈6
03	GB845-85	bol t	4	螺钉M6×12
04	M3034202000	Ji ont	1	万向节总成
05	GB1152-85	Ti tting, grease	1	油杯M10×1
06	M3034203000	Boot	1	护套
07		Band	1	捆扎带ZD4×150
08	GB893.1-86	Snap ring	1	弹簧挡圈37
09	GB5782-86	Bol t	4	螺栓M10×45
10	GB93-87	Washer	4	垫圈10
11	GB5785-86	Bol t	2	螺栓M12×1.25×20
12	GB93-87	Washer	2	垫圈12
13	M3034200001	Li nk	1	连接轴
14	GB5782-86	Bol t	4	螺栓M6×35
15	GB97.1-85	Washer 6	4	垫片
16		Spacer	4	套管
17		Rubber	4	橡胶套
18	M3034200002	Bol t(left)	1	螺栓(左)
19	M3034200003	Spacer	1	套管
20	M3034200004	Nut	1	螺母
21	M3034204000	Lever	1	手柄总成
22	GB96-85	Washer	1	垫圈10
23	M3034200005	Bol t	1	螺栓
24		Washer	2	垫圈10
25	M3034200006	Bol t	2	螺栓
26	GB5782-86	Washer	1	垫圈8
27		Bol t	1	螺栓M8×35
28	M3034205000	Handl e Shaft Ass'y	1	方向盘总成
29	GB894.1-86	Snap ring	1	弹簧挡圈20
30	GB/T276-94	Beari ng	1	轴承61904-ZZ



## 转向桥 / STEERING AXLEJ

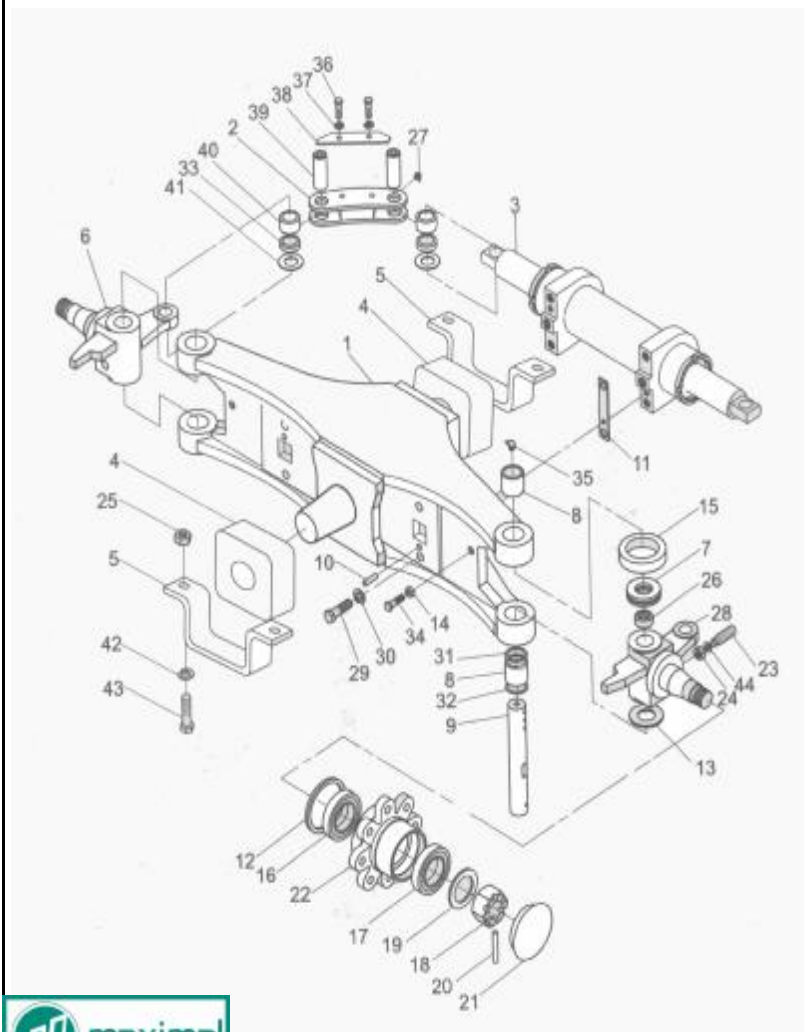
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3034301000	Axle ass'y	1	转向桥体总成 3t, 3.5t
—	M2034301000	Axle ass'y	1	转向桥体总成 2t, 2.5t
02	M3034302000	Link	2	连杆
03	M3034303000	Power cylinder ass'y	1	转向油缸总成
—	M2034303000	Power cylinder ass'y	1	转向油缸总成
04	M3034303001	Rubber	2	减震块
05	M3034303002	Bracket	2	支架
06	M3034301400	Knuckle R. h. ass'y	1	右转向节总成
07	GB/T301-93	Bearing	2	推力轴承51208
08	GB290-89	Bearing	4	滚针轴承943/32
09	M3034303003	Pin, king	2	转向节主销
10	GB119-86	Pin	2	销10×20
11	M3034303004	Shim	4	调整垫
12	GB9877. 1-88	Seal, oil	2	橡胶油封B85×110×12D
13	M3034303005	Shim	2	转向节调整垫
14	GB6172-86	Nut	2	螺母M12
15	M3034303006	Cap	2	防尘罩
16	GB297-84	Bearing	2	轴承7211E
17	GB297-84	Bearing	2	轴承7211E
18		Nut	2	螺母M30×2
19	GB97. 1-85	Washer	2	垫圈30
20	GB92-86	Pin	2	销6.3×55
21	M3034303007	Cap	2	轮毂盖
22	M3034303008	Hub	2	轮毂
23	M3034303009	Pin	2	紧固销
24	GB6171-86	Nut	2	螺母M10×1.25
25	GB97. 1-86	Washer	2	垫圈10
26	M3034303010	Bushing	2	衬套
27		Fitting grease	4	油杯M6 3, 3.5t GB1152-79
—		Fitting grease	4	滑脂嘴 2t, 2.5t ZBT33001. 1-88
28	M3034305000	Knuckle R. h. ass'y	1	左转向节总成



## 转向桥/STEERING AXLE

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

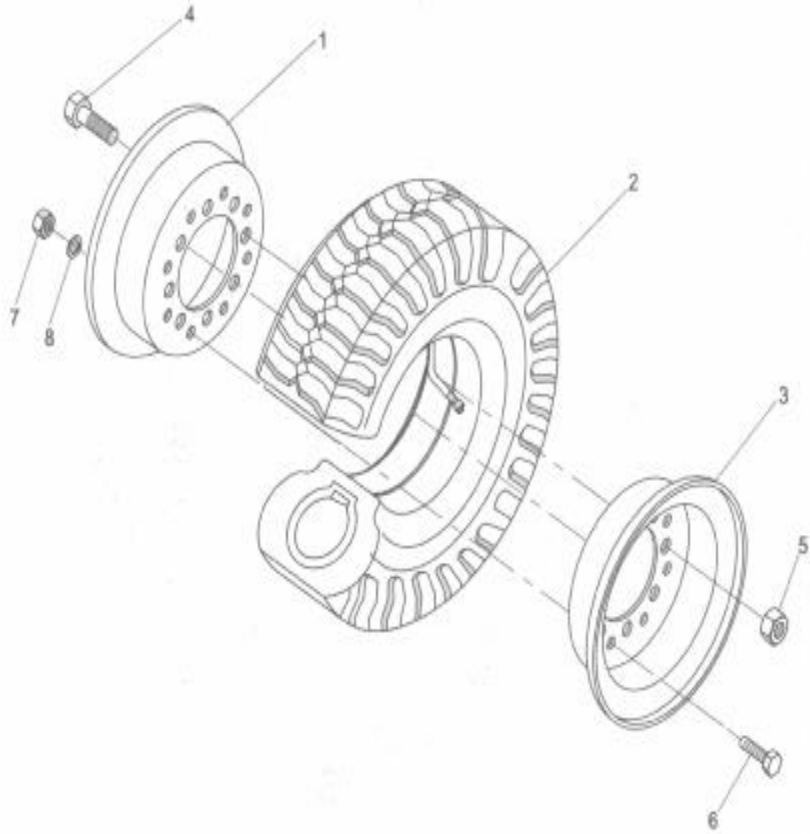


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
29	GB5782-86	Bol t 螺栓M14×45	4	
30	GB93-87	Washer, lock 垫圈14	4	
31		O-ring O形圈	2	
32	M3034303011	Seal, oil 油封	2	
33	M3034303012	Bushi ng 衬套	4	
34	M3034303013	Bol t 轮辋螺栓	2	
35	Q701B	Fitti ng grease 油杯ZG1/8	2	3t, 3.5t
—	Q701B90	Fitti ng grease 滑脂嘴	2	
36	GB5780-86	Bol t 螺栓M8×18	4	
37	GB93-87	Washer, lock 垫圈8	4	
38	M3034303014	Baffle 挡板	2	
39	M3034303015	Pi n 连杆销	4	
40		Beari ng ES型向心关节轴承	4	
41	M3034303016	Shi m 调整垫	4	
42	GB93-87	Washer, lock 垫圈20	4	
43	GB5785-86	bol t 螺栓M20×90	4	

### 转向轮 / STEERING WHEEL

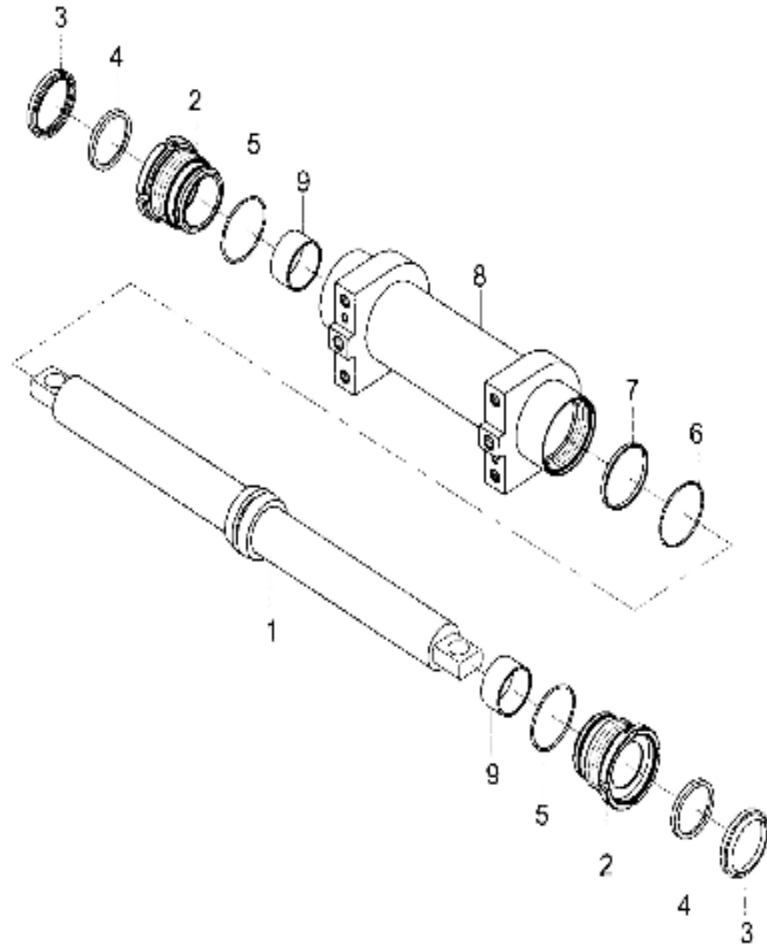
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M2034401000	Rim, inside 内轮辋	1	2t-2.5t
—	M3034401000	Rim, inside 内轮辋	1	3t-3.5t
02		Tire 轮胎6.00-9-10PR	1	2t-2.5t
—		Tire 轮胎6.50-10-10PR	1	3t-3.5t
03	M2034402000	Rim, outside 外轮辋	1	2t-2.5t
—	M3034402000	Rim, outside 外轮辋	1	3t-3.5t
04	M3034400001	Bol t 轮毂螺栓	8	
05	M3034400002	Nut 轮毂螺母	8	
06	M3034400003	Bol t 轮毂螺栓	8	
07	GB6172-86	Nut 螺母M12	8	
08	GB93-87	Washer 垫圈12	8	



## 转向油缸 / STEERING CYLINDER

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



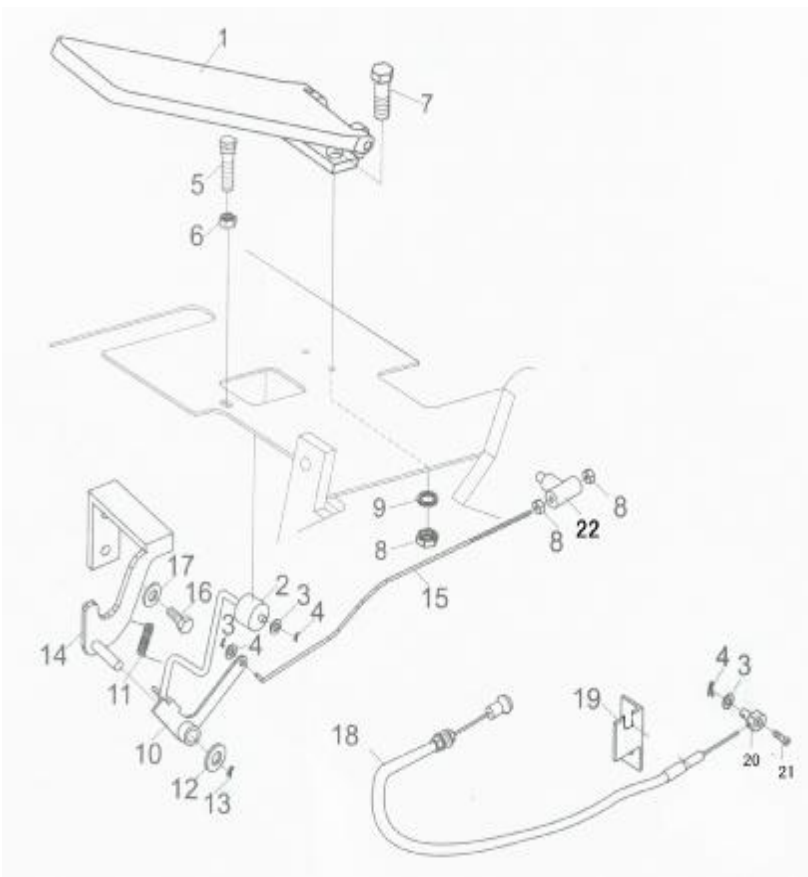
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M3034303000	Power cylinder 转向油缸总成	1	
	M2034303000	Power cylinder 转向油缸总成	1	
01	M3034303001	Piston rod ass'y 活塞杆总成	1	
	M2034303001	Piston rod ass'y 活塞杆总成	1	
02	M3034303002	Cap 缸盖	2	
03	M3034303003	Seal, dust 防尘圈 50×72	2	
04		U-ring U密封圈 50×60×8	2	
05	GB3452.1-92	O-ring O形圈63×3.55	2	
06	GB3452.1-92	O-ring O形圈60×3.55	1	
07	M3034303004	Slip, slipper 支承环	1	
08	M3034303100	Body, power steering 缸筒总成	1	
	M2034303100	Body, power steering 缸筒总成	1	
09	M3034303006	Bearing 缸背轴承5030	2	

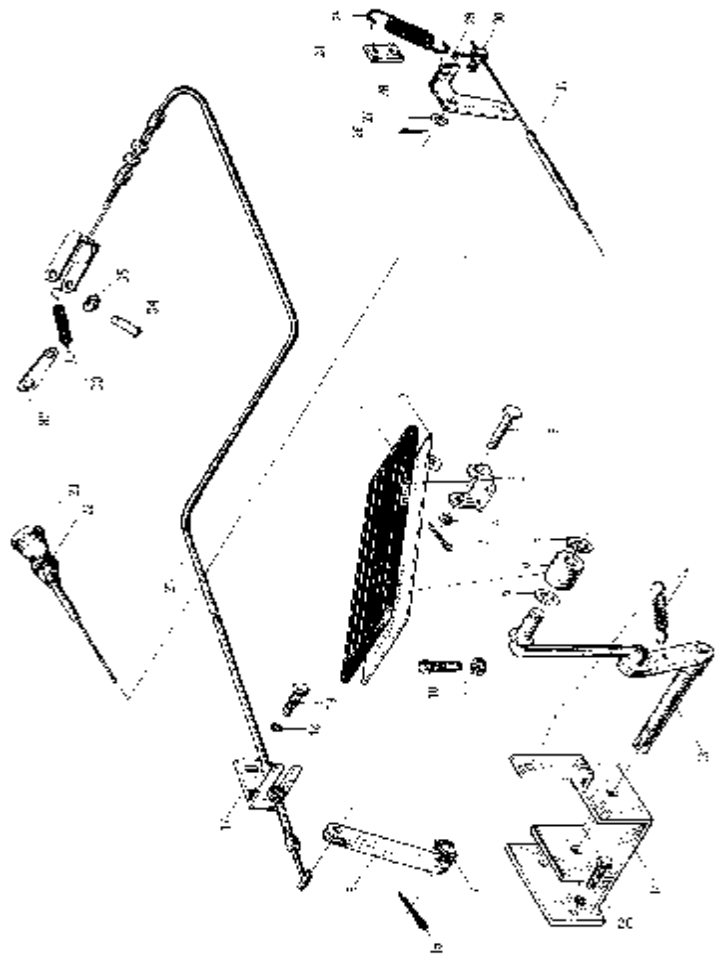
## 油门操纵/ACCELERATOR

FD20~35(T)-MG

FG(L)20~35(T)-MG

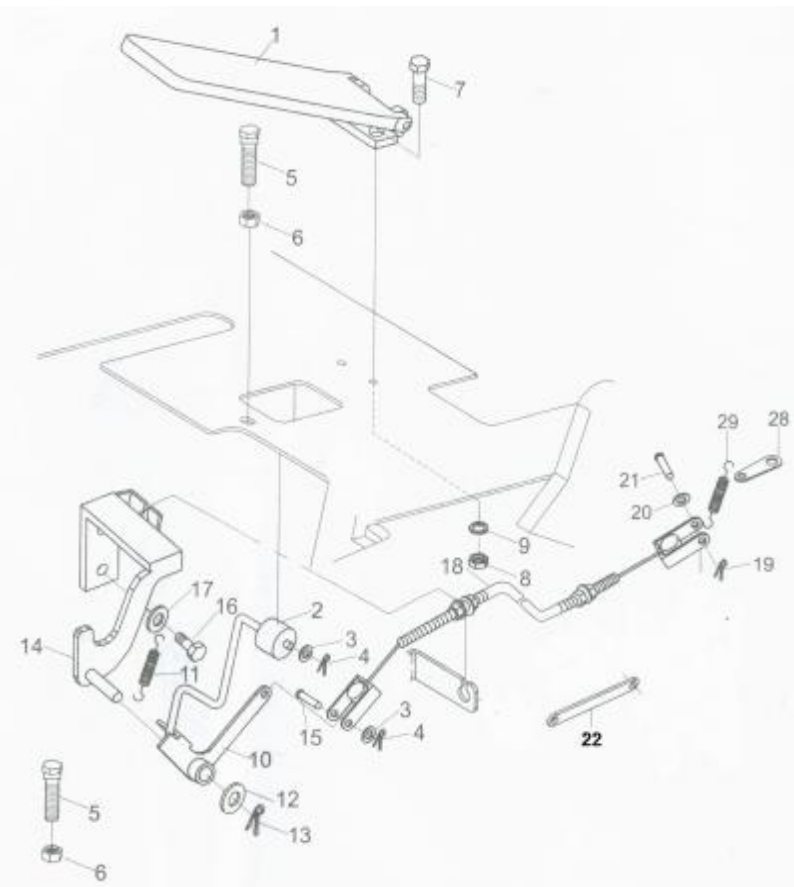
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3035201000	Accelerateor pedal ass		踏板总成
02	M3035201001	Sheave		滚轮
03	GB97.1-85	Washer		垫圈 6
04	GB91-86	pin		开口销2x20
05	M3035201006	Bol t		螺栓
06	GB6171-86	Nut		螺母M12X1.25
07	GB5783-86	Bol t		螺栓M6X20
08	GB6170-86	Nut		螺母M6
09	GB93-87	Washer		垫圈 6
10	M3035203200	Li nk ass y		连接轴总成
11	M3035204000	Spring		弹簧
12	GB97.1-85	Washer		垫圈 1 0
13	GB91-86	pin		销3.2x20
14	M3035203100	Bracket		支架
15	M3035203300	Li nk		拉杆
16	GB5783-86	Bol t		螺栓M 1 0 X 2 0
17	GB93-87	Washer		垫圈 1 0
18	M3031101000	Flameout control uni t		熄火操纵装置
19	M3031100001	Bracket		拉线支架
20	M3031101001	pin		固定销
21	GB67-85	Bol t		螺钉M4X10
22	M3035203301	Yoke		耳子





## 油门操纵/ACCELERATOR

FD20~35(T)-MW  
FG(L)20~35(T)-MG

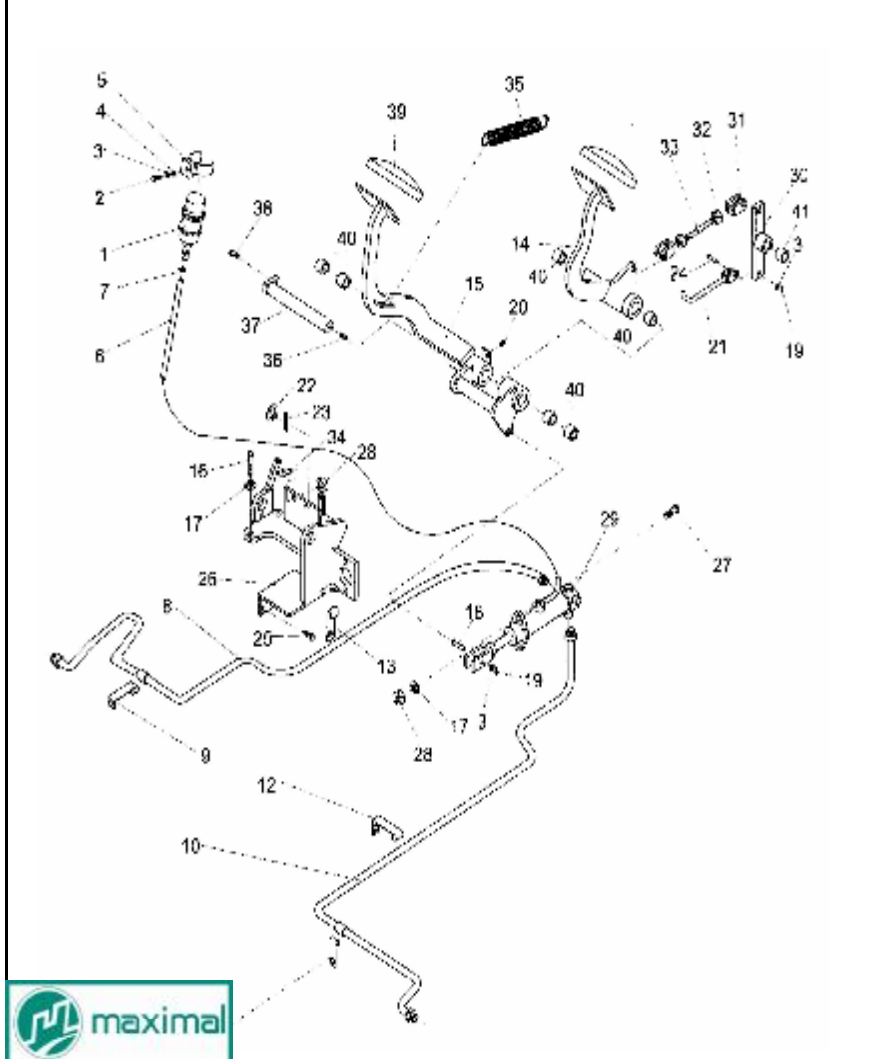


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3035201000	Accelerator pedal ass	踏板总成	
02	M3035201001	Sheave	滚轮	
03	GB97.1-85	Washer	垫圈 6	
04	GB91-86	pin	开口销2x20	
05	M3035201006	Bol t	螺栓	
06	GB6171-86	Nut	螺母M12X1.25	
07	GB5783-86	Bol t	螺栓M6X20	
08	GB6170-86	Nut	螺母M6	
09	GB93-87	Washer	垫圈 6	
10	M3035203200	Link ass y	连接轴总成	
11	M3035204000	Spring	弹簧	
12	GB97.1-85	Washer	垫圈 1 0	
13	GB91-86	pin	销3.2x20	
14	M3035203100	Bracket	支架	
15	GB886-86		销B6x12	
16	GB5783-86	Bol t	螺栓M 1 0 X 2 0	
17	GB93-87	Washer	垫圈 1 0	
18	M3035202001	Soft shaft	油门拉线	
19	GB91-86	pin	销2x20	
20	GB93-87	Washer	垫圈 6	
21	GB91-86	pin	销6x20	
22	M3035202003	Li nk	摇臂	



## 行车制动与微动操纵(液力式)/BRAKE & INCHING CONTROL(TOR-CON TYPE)

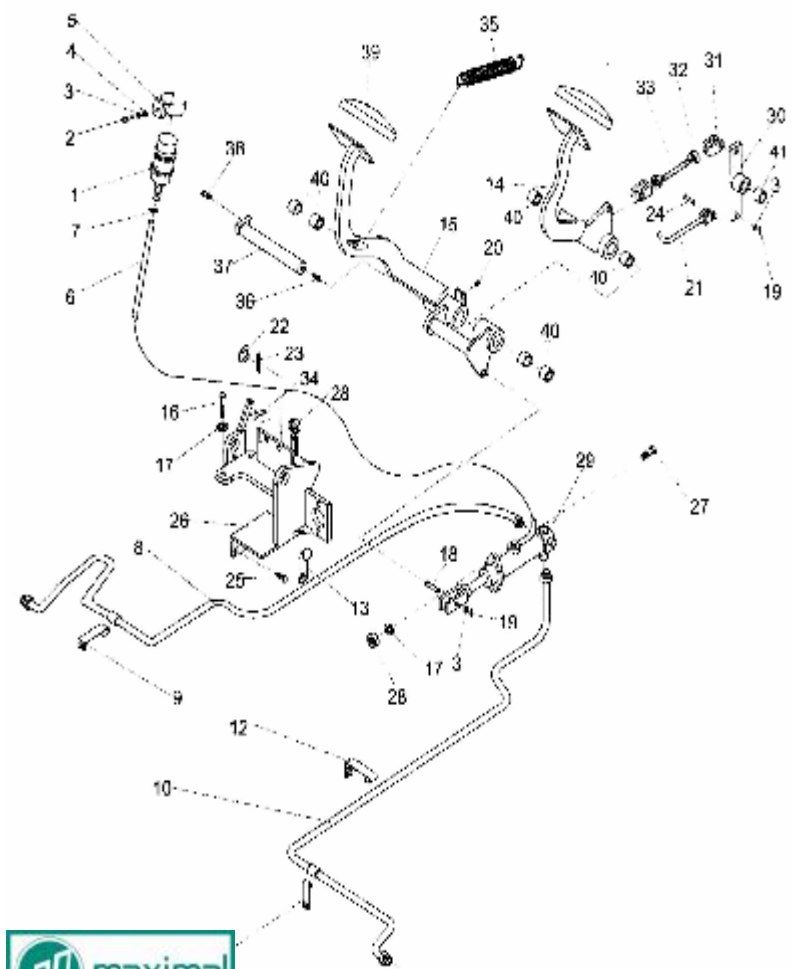
FD20~35T-MG  
FD20~35T-MW  
FG(L)20~35T-MG  
FG(L)20~35T-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M30458	Clutch&Brake pedal 行车制动与微动操纵装置	1	
01	M3045800001	Tank, reserve 制动液储油罐	1	
02	GB5783-86	Bol t 螺栓M8×20	2	
03	GB97. 1-85	Washer 垫圈 8	6	
04	GB93-87	Washer, lock 垫圈 8	2	
05	M3036401004	Clip 储油罐夹	1	
06		Hose 胶管Φ9.5 L = 1 5 0 0	1	
07		Clip 双钢丝卡箍Φ16	2	
08	M3045801000	Hose 制动油管(右)	1	
09	M3045800002	Clip 管夹	1	
10	M3045802000	Hose 制动油管(左)	1	
11	M3045800003	Clip 管夹	1	
12	M3045800004	Clip 管夹	1	
13	M3045800005	Clip 管夹	1	
14	M3045803000	Clutch pedal 微动踏板	1	
15	M3045804000	Brake pedal 制动踏板	1	
16	GB5783-86	Bol t 螺栓M10×25	2	
17	GB93-87	Washer, lock 垫圈10	2	
18	GB882-86	Pi n, clevis 销轴8×30	3	
—	GB882-86	Pi n, clevis 销轴8×30	3	
19	GB91-86	Pi n 开口销 4 × 2 5	5	
20	M3045800006	Rubber 橡皮顶轴	1	
21	M3045805000	Li nk 连接杆	1	
22	GB97. 1-85	Washer 垫圈16	1	
23	GB91-86	Pi n 开口销 4 × 2 5	1	
24	GB882-86	Pi n, clevis 销轴8×30	1	
25	GB5783-86	Bol t 螺栓M10×20	2	

## 行车制动与微动操纵(液力式)/BRAKE & INCHING CONTROL(TOR-CON TYPE)

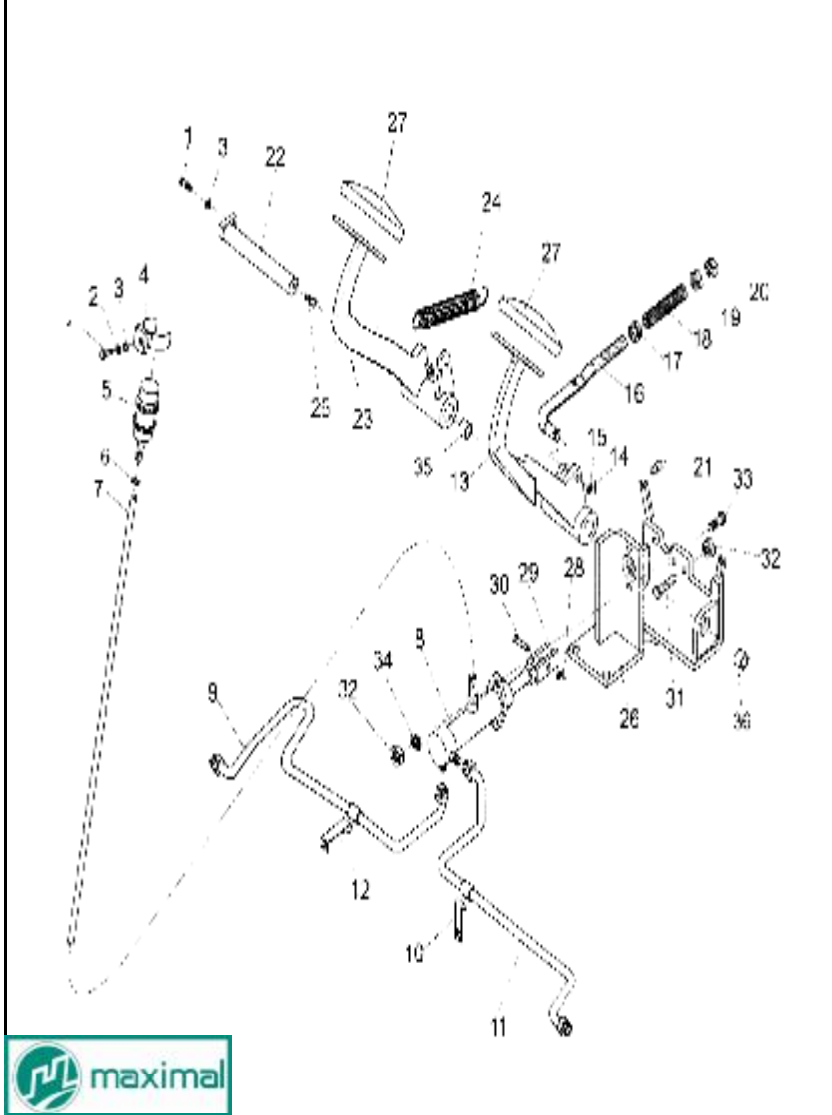
FD20~35T-MG  
 FD20~35T-MW  
 FG(L)20~35T-MG  
 FG(L)20~35T-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
26	M3045806000	Bracket 支架	1	
27	GB5782-86	Bol t 螺栓M10×35	2	
28	GB6170-86	Nut 螺母M10	4	
29	M3045807000	Master cylinder 制动总泵	1	
30	M3045808000	Link 摇臂	1	
31	M3045800007	Clevis 支耳M10-6H(左旋)	1	
31	M3045800007	Clevis 支耳M10-6H(右旋)	1	
32	GB6170-86	Nut 螺母M10(左)	1	
33	M3045800008	Rod 螺杆	1	
34	GB5783-86	Bol t 螺栓M10×30	1	
35	M3045800009	Spr ing 拉簧	2	
36	GB1153-74	Fitti ng 油杯90° M10×1	1	
37	M3045809000	Shaft 油轴	1	
38	GB 5783-86	Bol t 螺栓M10×40	1	
39	M3045800010	Head cover 踏板垫	2	
40	M3045800011	Bushi ng 钢背轴承2525	6	
41	M3045800012	Bushi ng 钢背轴承1625	1	

## 行车制动与离合操纵/BRAKE & CLUTCH CONTROL

FD20~35-MG  
FD20~35-MW  
FG(L)20~35-MG  
FG(L)20~35-MW

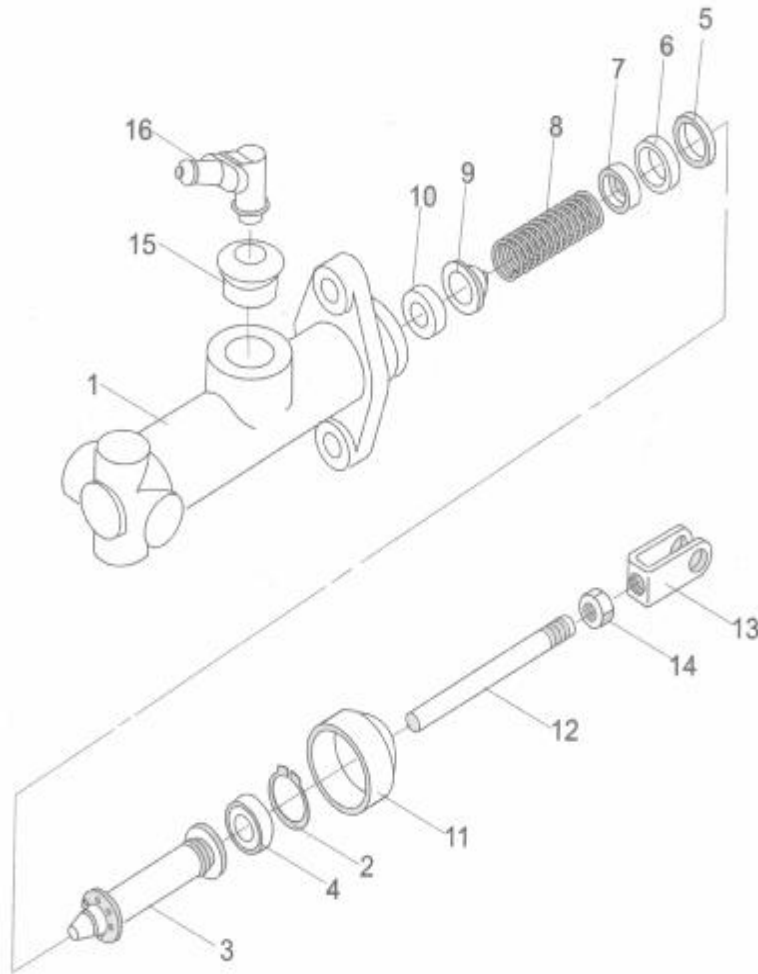


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	GB5781-86	Bol t	2	螺栓M8×20
02	GB97.1-85	Washer	1	垫圈8
03	GB93-87	Washer, lock	2	弹性垫圈8
04	M3036401004	Cl ip	1	储油罐夹
05	M3045800001	Tank, reserve	1	储油罐
06		Cl ip	2	双钢丝卡箍Φ16
07		Hose	1	胶管Φ9.5L=900
08	M3045807000	Master cylinder	1	制动总泵
09	M3045801000	Hose(right)	1	制动油管(右)
10		Cl ip	1	管夹
11	M3045802000	Hose(left)	1	制动油管(左)
12	M3045800002	Cl ip	1	管夹
13	M3035401000	Clutch pedal	1	离合踏板
14	GB91-86	Snap pin	1	开口销3×25
15	GB97.1-85	Washer	1	垫圈10
16	M3035400001	Pole	1	分离杆
17	M3035400002	Washer	1	垫圈
18	M3035400003	Spring	1	压簧
19	M3035400004	Nut	1	螺母
20	GB6170-86	Nut	1	螺母M12
21	M30345800006	Rubber	1	橡皮顶轴
22	M3035402000	Pi n, clevis	1	销轴
23	M3035403000	Brake pedal	1	制动踏板
24	M3035400005	Spring	2	拉簧
25	GB1153	Fitting	1	油杯90° M10×1
26	M3035404000	Bracket	1	支架
27	M30345800010	Head cover	2	踏板垫
28	GB91-86	Pi n, snap	1	开口销3×15
29	GB97.1-85	Washer	1	垫圈8
30	GB882-86	Pi n, clevis	1	销轴10×25
31	GB5783-86	Bol t	2	螺栓M10×35



## 制动总泵/MASTER CYLINDER

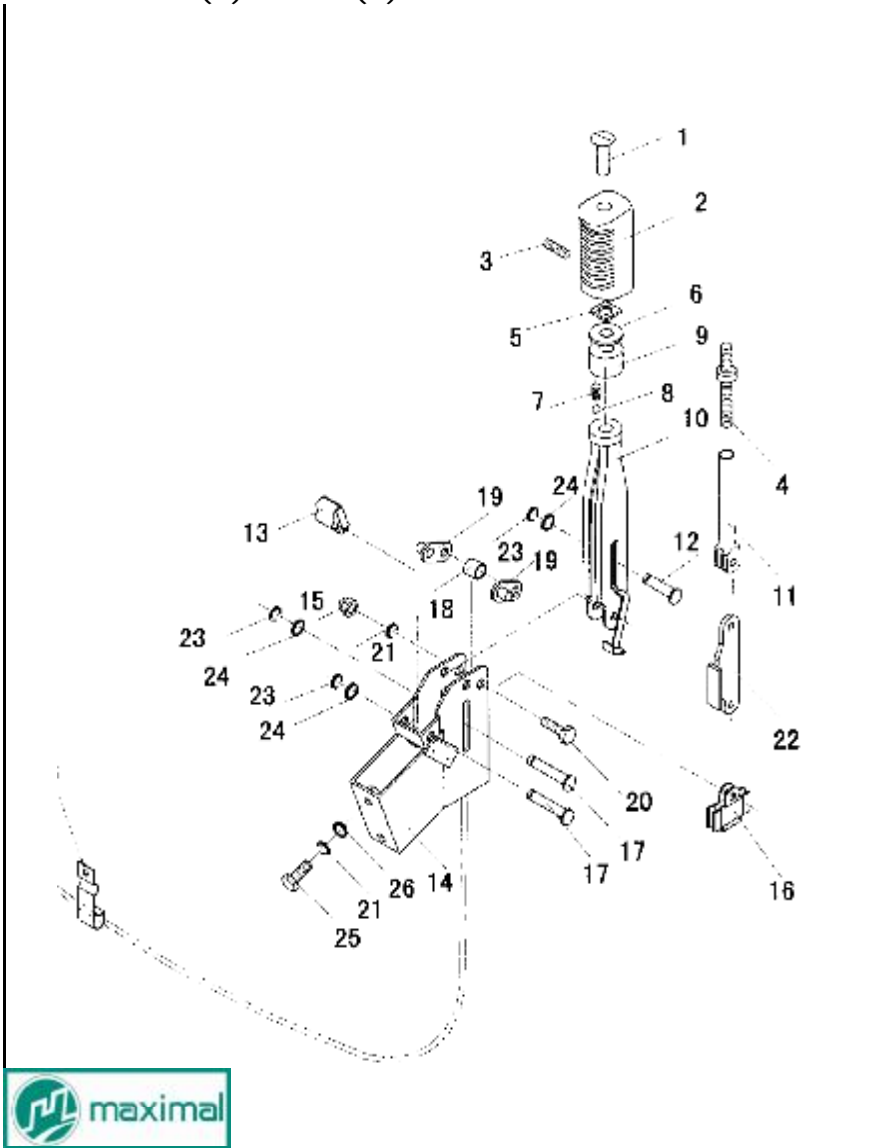
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M3045807000	Master cylinder	1	制动总泵
01	M3045807001	Body	1	阀体
02	M3045807002	Ring, stopper	1	止动环
03	M3045807003	Piston	1	活塞
04	M3045807004	Cup, secondary	1	前皮碗
05	M3045807005	Spacer, cup	1	衬套皮碗
06	M3045807006	Cup, primary	1	主皮碗
07	M3045807007	Sear, spring	1	弹簧座
08	M3045807008	Spring	1	弹簧
09	M3045807009	Valve, check	1	切断阀
10	M3045807010	Seat, valve	1	阀座
11	M3045807011	Boots	1	保护罩
12	M3045807012	Rod, push	1	推杆
13	M3045807013	Clavis	1	支耳
14	GB6170-86	Nut	1	螺母M8
15	M3045807014	Bushing, rubber	1	胶皮衬套
16	M3045807015	Union	1	接头

## 停车制动/BRAKE LEVER

FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW

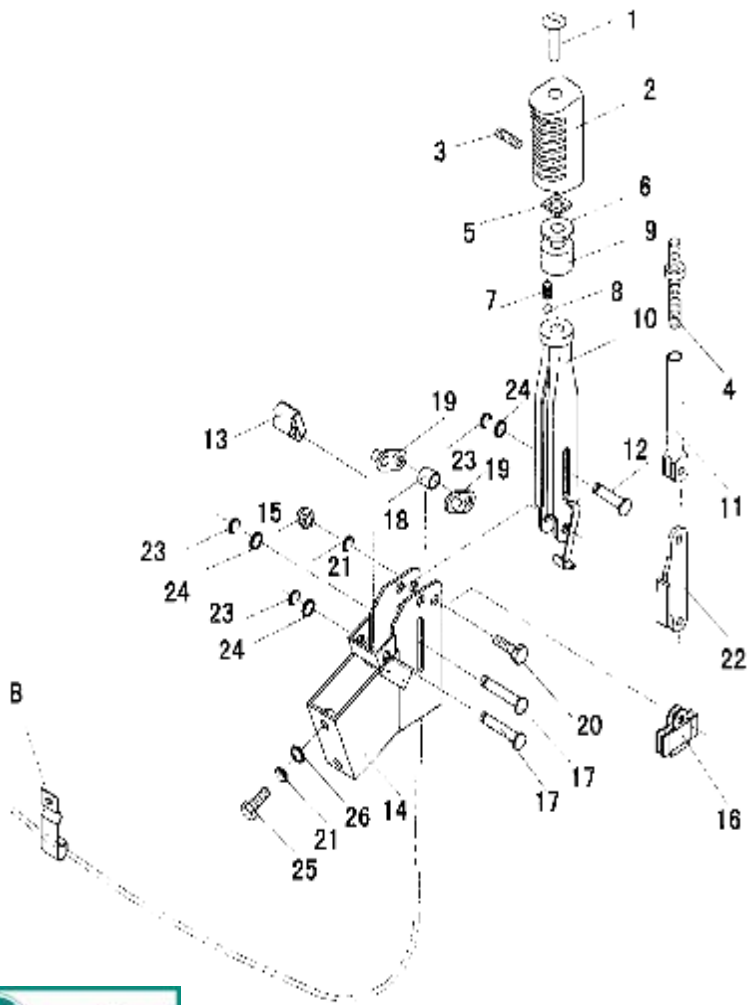


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M30355	Brake lever 停车制动装置	1	
01	M3035500001	Over head 调节杆	1	
02		Grip 手柄头	1	
03	GB80-85	Screw 六角凹端紧定螺钉M4×3.7	1	
04	M3035500002	Screw rod 螺杆	1	
05	GB39-88	Nut 方螺母M8	1	
06	GB96-85	Washer 大垫圈 8	1	
07	M3035500003	Spring 弹簧 1×5.5×10.8	1	
08		Ball 钢球Φ6	1	
09	M3035500004	Seat 手柄座	1	
10	M3035501000	Lever 闸把体	1	
11	M3035500005	Rod 拉杆体	1	
12	M3035500006	Pin 平头销d8×35	1	
13	M3035500007	Stopper 限位块	1	
14	M3035502000	Bracket 支架总成	1	
15	GB802-88	Nut 组合式盖形螺母M10	1	
16	M3035503000	Bracket 挂线架	1	
17		Pin 平头销d8×4.5	1	
18	M3035500008	Washer 垫圈 ii	1	
19	M3035504000	Plate 支撑板总成	2	
20	GB5782-86	Bol t 螺栓M10×45	1	
21	GB93-87	Washer, lock 垫圈 1 0	3	
22	M3035505000	Link 拉板总成	2	
23	GB896-86	Washer 垫圈 8	3	
24	GB97.1-85	Washer 垫圈 8	6	
25	GB5782-86	Bol t 螺栓M10×40	2	
26	GB97.1-85	Washer 垫圈10	2	
B		Pothook 挂钩(包括28-31)		
27	M3035500009	Pothook 手制动管托	1	
28	M3035500010	Pothook 手制动管托	1	

### 停车制动/BRAKE LEVER

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

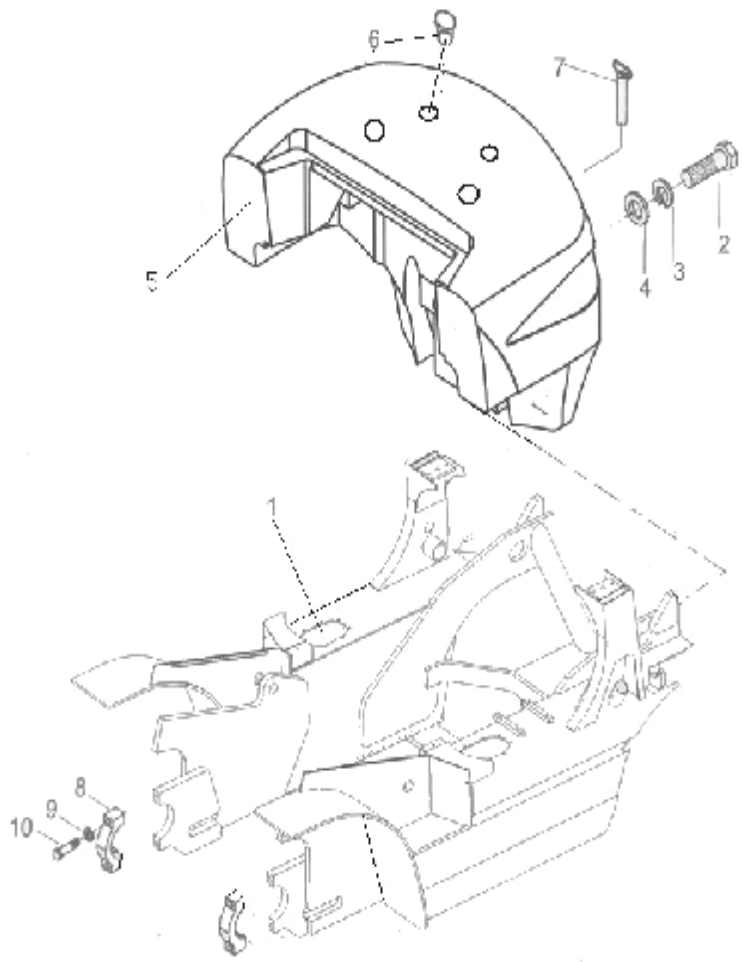
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
29	M3035500011	Pothook 钢索挂钩	1	
30	M3035500012	Pothook 机械车拉索吊钩	1	



### 车架与平衡重/FRAME & COUNTER WEIGHT

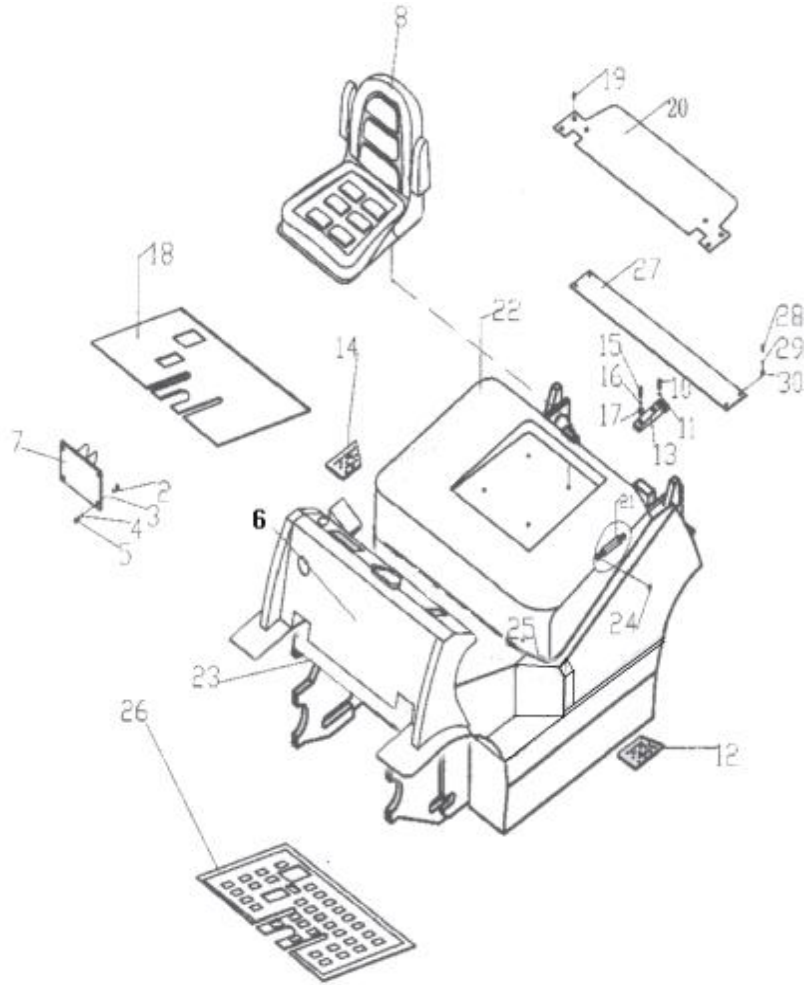
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M30361	Frame 车架	1	
—	M20361	Frame 车架	1	
02		Bol t 螺栓M30×120	2	2tGB5782-86
—		Bol t 螺栓M30×180		3tGB5782-86
03		Washer, lock 垫圈30	2	2-2.5tGB93-87
—		Washer, lock 垫圈30	2	3-3.5tGB93-87
04		Washer 平垫片30	2	2-2.5t
—		Washer 平垫片30	2	3-3.5tGB95-85
05	M3036301000	Counter weight 平衡重物	1	3-3.5T
	M2036301000	Counter weight 平衡重物	1	2-2.5T
06		Cap 平衡重饰盖	4	
07	M3036300001	Pin 牵引栓	1	
08	M3036100002	Cap, front axle support 支座盖	2	
09	GB93-87	Washer, lock 垫圈16	4	
10	GB5785-86	Bol t 螺栓M16×1.5×70	4	



机罩、底板及座椅/HOOD, FLOOR & SEA

FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



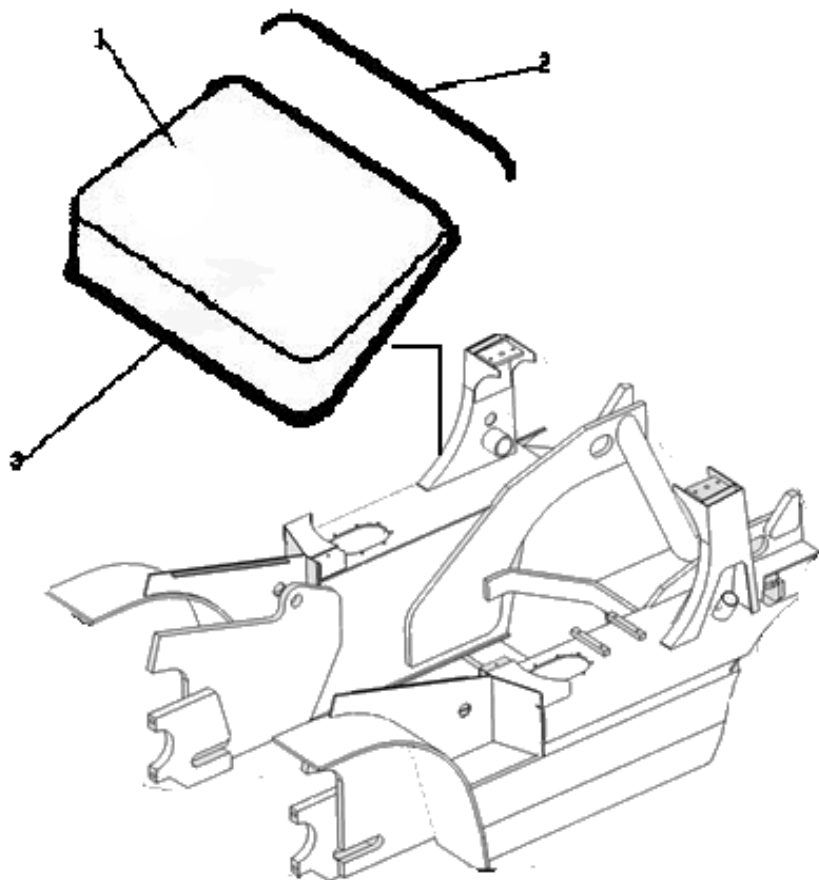
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3036100001	shore 前桥支撑	1	
02	GB6170-86	bol t 螺栓M10	4	
03	GB93-87	Washer, lock 垫圈10	4	
04	GB95-85	Washer 垫片10	4	
05		Nut 螺母M10	4	
06		Cabi net 前围板	1	
07	M3036106200	Bracket 转向器安装支座	1	
08	M30368	Seat 座椅	1	
09				
10		Bol t 内六角螺栓M10	4	
11		Washer 垫圈10	4	
12	M3036100012	Treadboard L. H 脚踏板(左)	1	
13	M3036407000	Hi nge 铰链	2	
14	M3036100024	Treadboard R. H 脚踏板(右)	1	
15	GB5785-86	Bol t 内六角螺栓M8	4	
16	GB93-87	Washer, lock 垫圈8	4	
17	GB97. 1-85	Washer 垫片8	4	
18	M3036100015	Floor board 前底板	1	
19	GB5782-86	Bol t 螺栓M10	4	
20	M3036400001	Cover 水箱盖板	1	
21	M3036403000	Shock, absorber 气弹簧	1	
22	M3036402000	Bonnet 发动机罩	1	
23	M3036100004	Washer, lock 前横板	1	
24	GB6170-86	Nut 螺母M8	4	
25	M3036413000	Gasket 密封条	1	
26	M3036409000	Gasket 橡胶底板	1	
27	M3036100016	Bracket 横梁	1	
28	GB5782-86	Bol t 螺栓M10	4	
29	GB93-87	Washer, lock 垫圈10	4	
30	GB97. 1-85	washer 垫片10	4	



### 隔热垫及垫/SEAL & INSULATOR

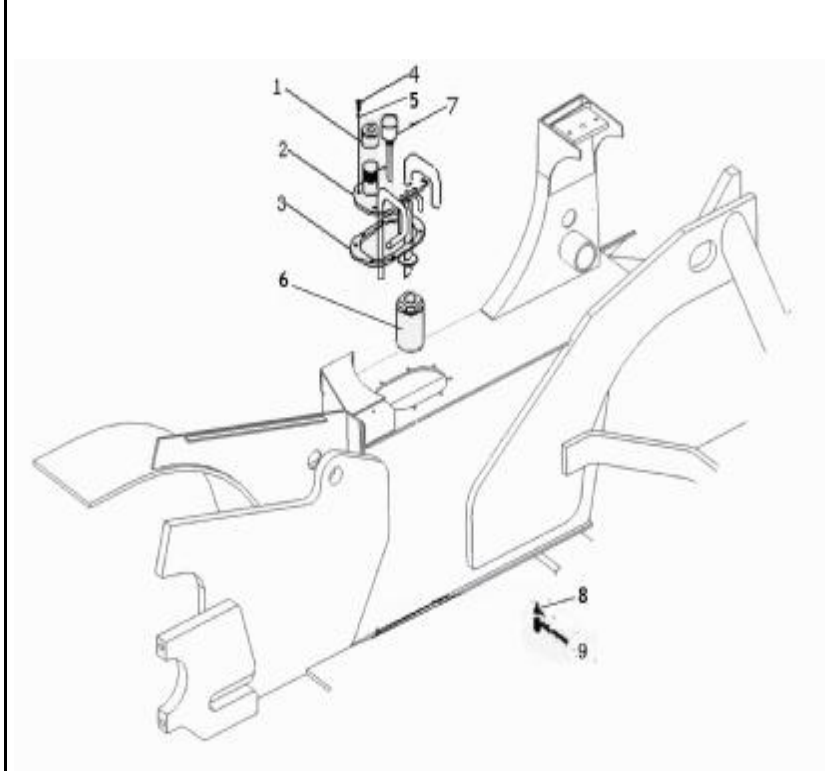
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3036411000	insulator 隔热垫	1	
02	M3036412000	Edging 密封条L=1080	1	
03	M3036413000	Edging 密封条	1	



### 液压油箱/OIL TANK

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

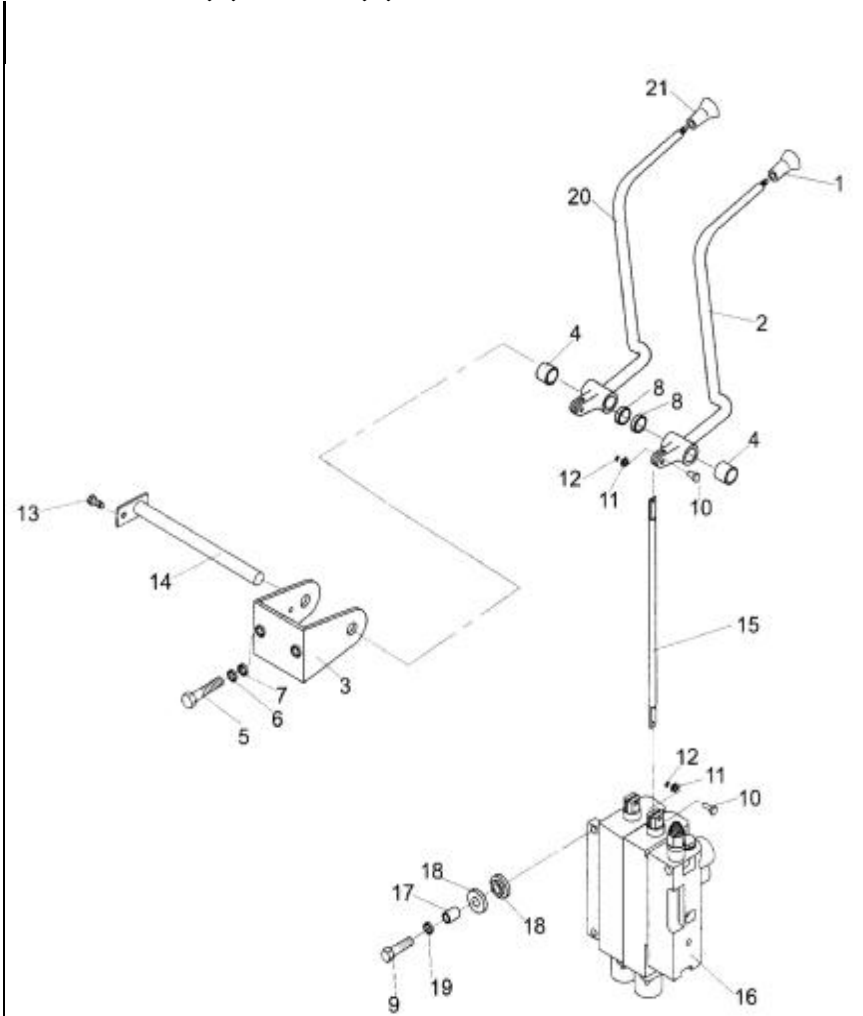


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01		Oiling cap 加油盖	1	
02	M3037501000	Cover plate ass'y 盖板总成	1	
03	M3032201005	Cover gasket 盖板垫	1	
04	GB5783-86	Bolt 螺栓 M8×20	8	
05	GB93-87	Washer, lock 垫圈8	8	
06	WU63-J	Strainer 吸油滤油器	1	
07	M3037501008	dipstick 油标尺	1	
08	M3036102013	Washer 垫圈	1	
09	M3036102005	Drain plug 放油螺塞	1	



操纵杆总成(二片)/VALVE CONTROL LINKAGE(TWO-THROW)

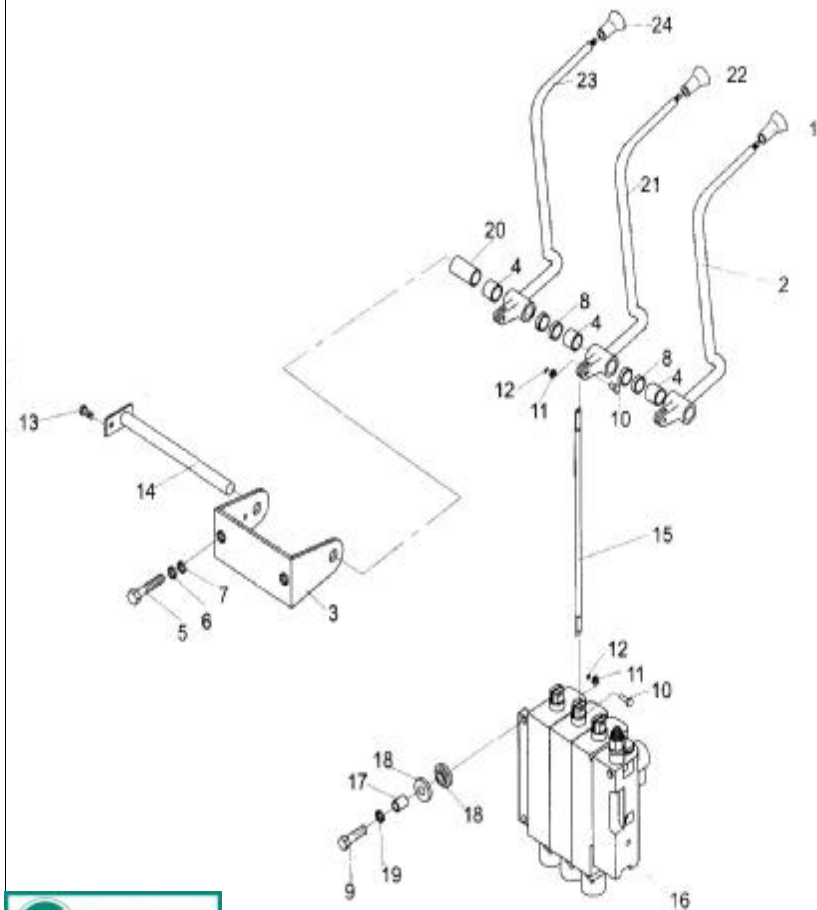
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3037400001	Knob, lift 起升手柄	1	
02	M3037401000	Lever, lift 起升操纵杆	1	
03	M3036106002	Bracket, valve lever 阀杆支架	1	
04	M3037400002	Bushing 衬套	2	
05	GB5782-86	Bol t 螺栓M12×30	2	
06	GB93-87	Washer 垫圈12	2	
07	GB97.1-85	Gasket 平垫片12	2	
08		Shi m 垫片	2	
09	GB5783-86	Bol t 螺栓M10×1.25×35	3	
10		Pi n 销钉	4	
11		Washer 垫圈6	4	
12	GB91-86	Pi n, cotter 开口销Φ2×12	4	
13	GB67-85	Bl ot 螺钉M6×12	1	
14	M3036106004	Shaft, valve 连接轴	1	
15	M3037400003	Joi nt 连接杆	2	
16		Contrl ass'y 多路阀	1	
17	M3037400004	Coiler 套管	3	
18	M3037400005	Rubber 减震垫	6	
19	M3037400006	Washer 大垫圈10	3	GB96-85
20	M3037402000	Lever, tilt 倾斜操纵杆	1	
21	M3037400007	Knob, tilt 倾斜手柄	1	

操纵杆总成（三片） / VALVE CONTROL LINKAGE (THREE-THROW)

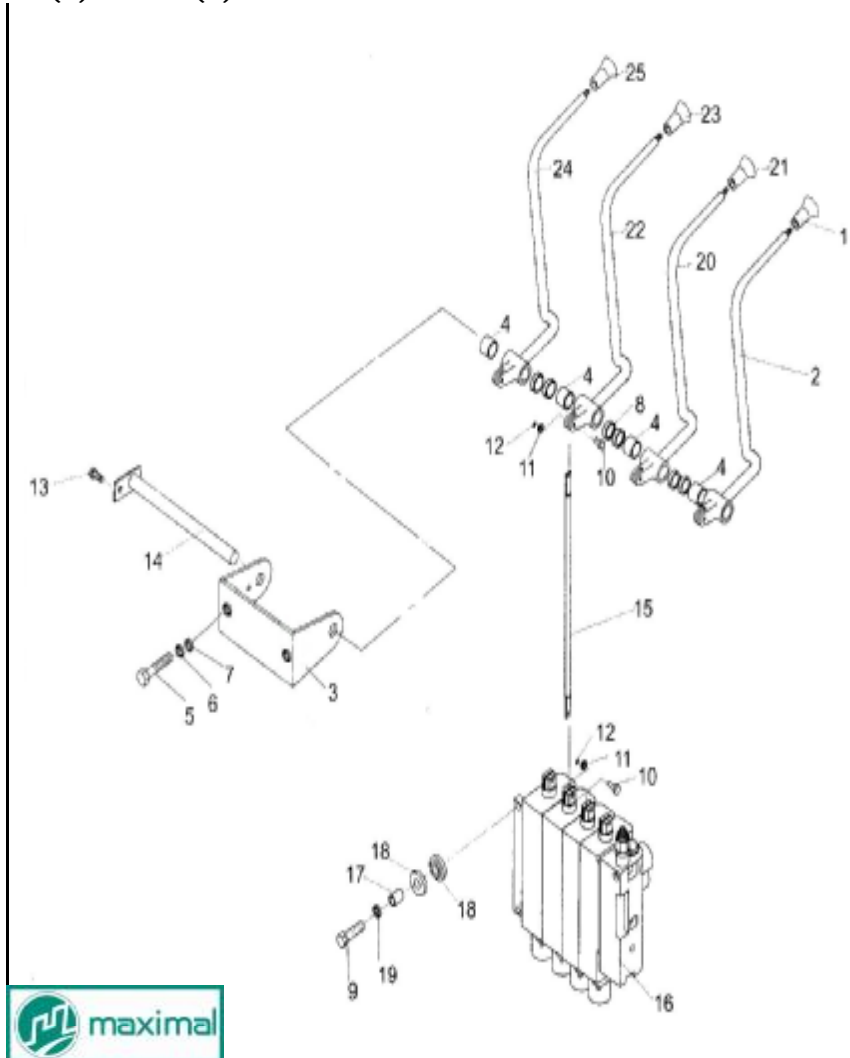
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3037400001	Knob, lift	1	起升手柄
02	M3037401000	Lever, lift	1	起升操纵杆
03	M3036106002	Bracket, valve lever	1	阀杆支架
04	M3037400002	Bushing	3	衬套
05	GB5782-86	Bolt	2	螺栓M12×30
06	GB93-87	Washer	2	垫圈12
07	GB97.1-85	Gasket	2	平垫片12
08		Shim	4	垫片
09	GB5783-86	Bolt	3	螺栓M10×1.25×35
10		Pin	6	销钉
11		Washer	6	垫圈6
12	GB91-86	Pin, cotter	6	开口销Φ2×12
13	GB67-85	Bolt	1	螺钉M6×12
14	M3036106004	shaft, valve	1	连接轴
15	M3037400003	Joint	3	连接杆
16		Control ass'y	1	多路阀
17	M3037400004	Coiler	3	套管
18	M3037400005	Rubber	6	减震垫
19	M3037400006	Washer	3	大垫圈10
20	M3037400007	Coiler	1	调节套
21	M3037402000	Lever, tilt	1	倾斜操纵杆
22	M3037400008	Knob, tilt	1	倾斜手柄
23	M3037403000	Lever, third	1	第三操纵杆
24	M3037400009	Knob, third	1	第三操纵手柄

操纵杆总成（四片）/VALVE CONTROL LINKAGE(FOUR-THROW)

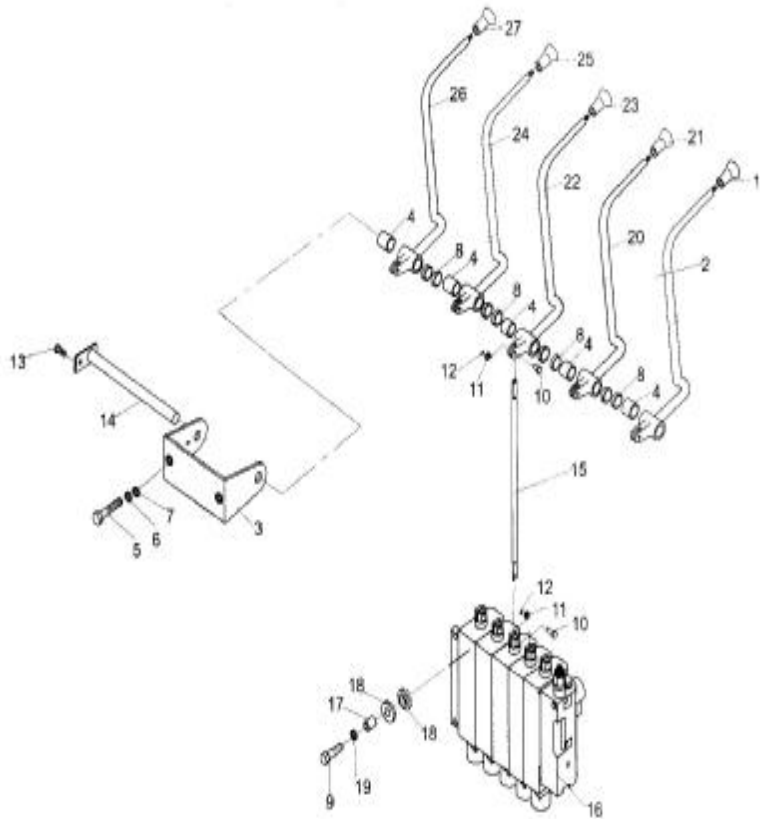
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3037400001	Knob, lift	1	起升手柄
02	M3037401000	Lever, lift	1	起升操纵杆
03	M3036106002	Bracket, valve lever	1	阀杆支架
04	M3037400002	Bushing	4	衬套
05	GB5782-86	Bol t	2	螺栓M12×30
06	GB93-87	Washer	2	垫圈12
07	GB97.1-85	Gasket	2	平垫片12
08		Shim	6	垫片
09	GB5783-86	Bol t	3	螺栓M10×1.25×35
10		Pi n	8	销钉
11		Washer	6	垫圈6
12	GB91-86	Pi n, cotter	8	开口销Φ2×12
13	GB67-85	Bol t	1	螺钉M6×12
14	M3036106004	shaft, valve	1	连接轴
15	M3037400003	Joint	4	连接杆
16		Control ass'y	1	多路阀
17	M3037400004	Coiler	3	套管
18	M3037400005	Rubber	6	减震垫
19	M3037400006	Washer	3	大垫圈10 GB96-85
20	M3037402000	Lever, tilt	1	倾斜操纵杆
21	M3037400008	Knob, tilt	1	倾斜手柄
22	M3037403000	Lever, third	1	第三操纵杆
23	M3037400009	Knob, thi rd	1	第三操纵手柄
24	M3037404000	Lever, fourth	1	第四操纵杆
25	M3037400010	Knob, fourth	1	第四操纵手柄
			1	

操纵杆总成(五片)/VALVE CONTROL LINKAGE(FIVE-THROW)

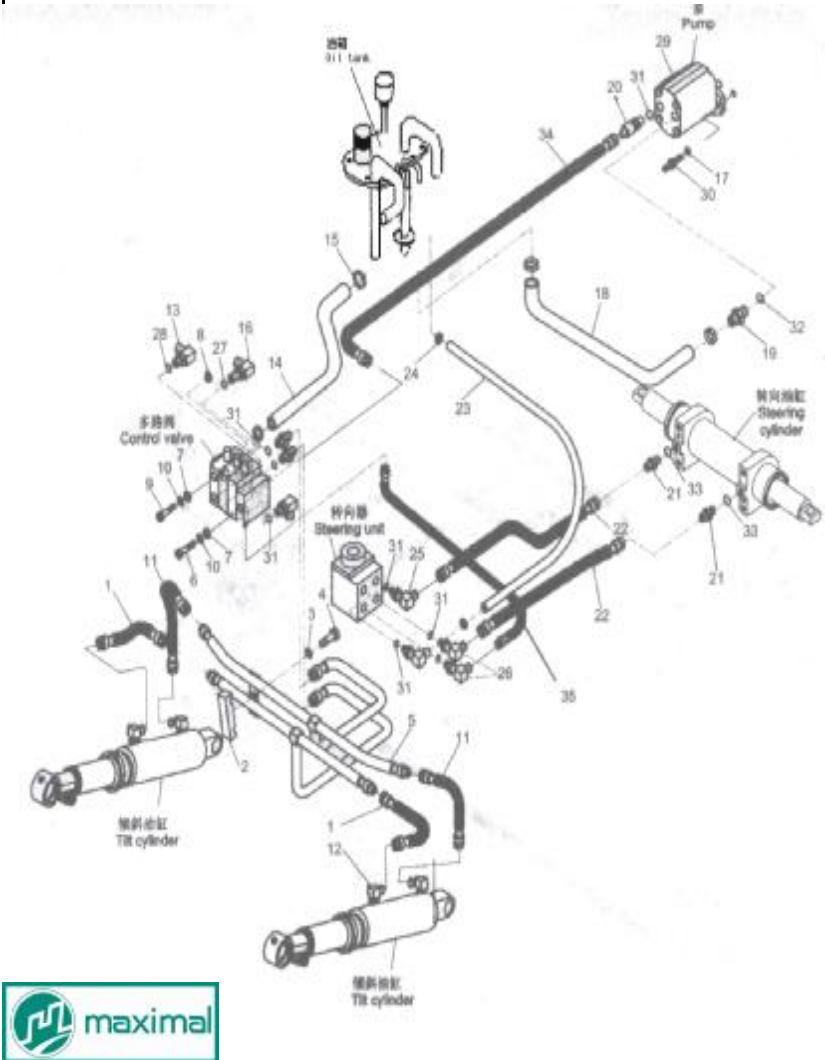
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark	
01	M3037400001	Knob, lift	1	起升手柄	
02	M3037401000	Lever, lift	1	起升操纵杆	
03	M3036106002	Bracket, valve lever	1	阀杆支架	
04	M3037400002	Bushing	4	衬套	
05	GB5782-86	Bolt	2	螺栓M12×30	
06	GB93-87	Washer	2	垫圈12	
07	GB97.1-85	Gasket	2	平垫片12	
08		Shim	6	垫片	
09	GB5783-86	Bolt	3	螺栓M10×1.25×35	
10		Pin	8	销钉	
11		Washer	8	垫圈6	
12	GB91-86	Pin, cotter	8	开口销Φ2×12	
13	GB67-85	Bolt	1	螺钉M6×12	
14	M3036106004	shaft, valve	1	连接轴	
15	M3037400003	Joint	4	连接杆	
16		Control ass'y	1	多路阀	
17	M3037400004	Coiler	3	套管	
18	M3037400005	Rubber	6	减震垫	
19	M3037400006	Washer	3	大垫圈10	GB96-85
20	M3037400007	Lever, tilt	1	倾斜操纵杆	
21	M3037400008	Knob, tilt	1	倾斜手柄	
22	M3037401000	Lever, third	1	第三操纵杆	
23	M3037400009	Knob, third	1	第三操纵手柄	
24	M3037401000	Lever, fourth	1	第四操纵杆	
25	M3037400010	Knob, fourth	1	第四操纵手柄	
26	M3037401000	Lever, fifth	1	第五操纵杆	
27	M3037400011	Knob, fifth	1	第五操纵手柄	

液压系统/HYDRAULIC SYSTEM

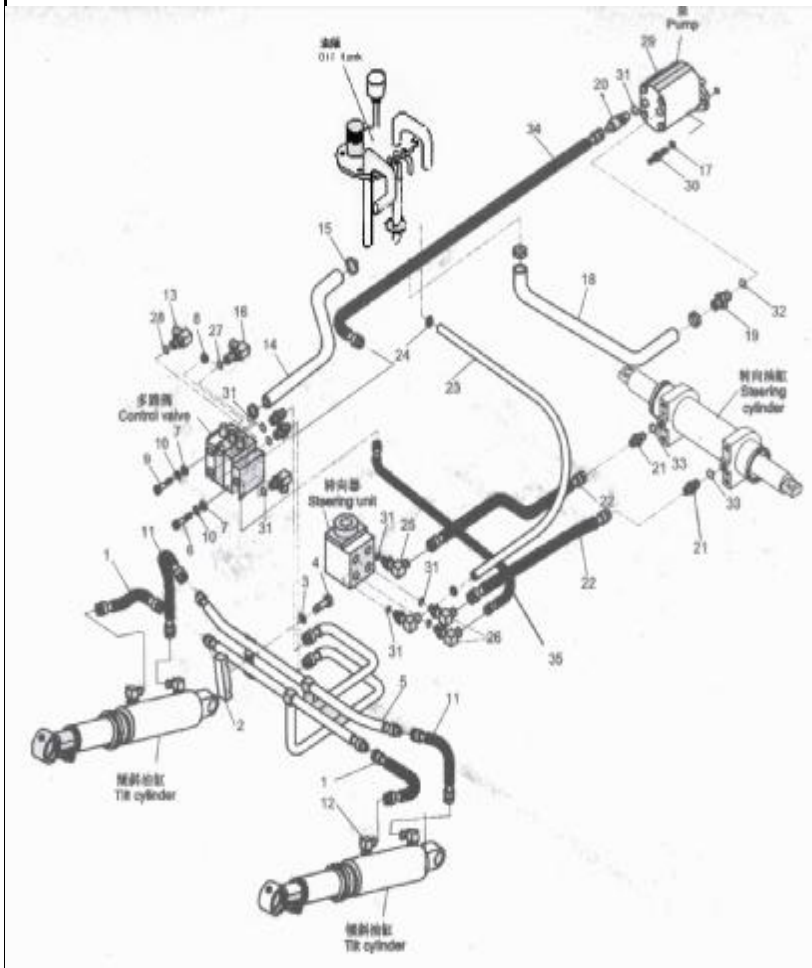
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3037600010	Hose H. P	2	倾斜缸胶管
02		Cushion	2	垫块
03		Washer, lock	2	垫圈10
04	GB5786-86	Bol t	2	螺栓M10×40
05	M3037605000	Hose H. P	1	胶管
—	M3037606000	Hose H. P	1	胶管
06	GB5786-86	Bol t	2	螺栓M10×1.25×23
07	GB97.1-85	Washer	5	垫圈10
08	GB6171-86	Nut	3	螺母M10
09		Bol t	1	螺栓M10×1.25×23
10		O-ring	1	O型圈17.8×2.4
11	M3037600009	Hose H. P	2	胶管
12		El bow(Inc)	4	直角接头
13	M3037602000	Ni ppl e(Inc)	1	多路阀出口口接头
14	M3037600007	Hose	1	多路阀回油管
15		Cl ip	2	双钢丝卡箍Φ45
16	M3037601000	El bow(Inc)	1	多路阀进油口接头
17		Washer	2	紫铜垫16
18	M3037600006	Hose L. P	1	吸油管
19	M3037600005	Ni ppl e(Inc)	1	油泵进油口接头
20	M3037600004	Ni ppl e(Inc)	1	油泵出口口接头
21	M3037600003	Ni ppl e(Inc)	2	转向油缸接头
22	M3037600001	Hose H. P	1	转向油缸油管I
—	M3037600002	Hose H. P	1	转向油缸油管II
23		Hose L. P	1	回油管
24		cl ip	1	双钢丝卡箍Φ45
25	M3037600006	Ni ppl e(Inc)	1	转向器回油接头

液压系统/HYDRAULIC SYSTEM

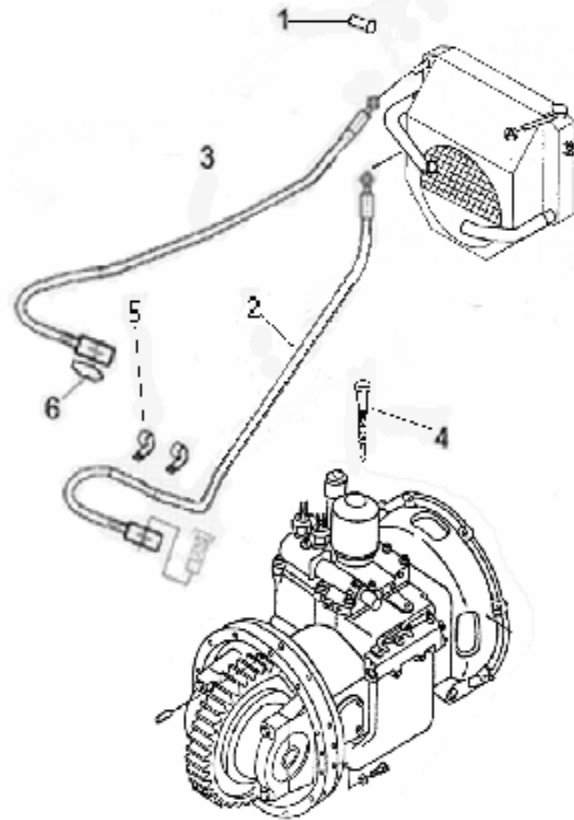
FD20~35(T)-MG  
FD20~35(T)-MW  
FG(L)20~35(T)-MG  
FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
26	M3037600003	Nipple(Inc) 多路阀出油口接头	2	
27		O-ring 0形圈19×2.65	1	
28		O-ring 0形圈17×2.65	1	
29		Gear pump SGP1A32D2HH1-L025C 泵	1	
30		Bolt 螺栓M10×40	1	
31		O-ring 0形圈17.8×2.4	1	
32		O-ring 0形圈28.7×3.5		
33		Washer 紫铜垫		
34	M3037600016	Hose H.P 油泵出油管		
35	M3037600012	Hose H.P 转向器进油管		

变矩器油冷系统/HYDRAULIC SYSTEM

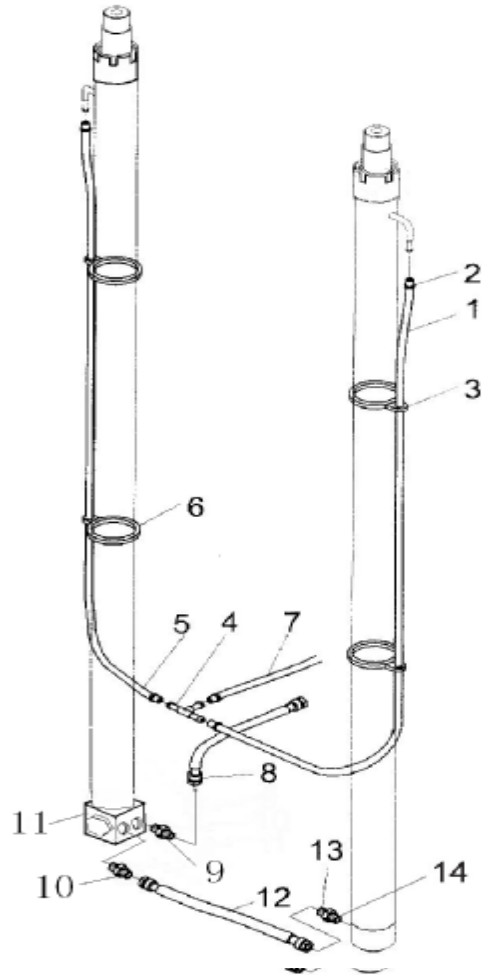
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01		Clip 双钢丝卡箍 $\Phi$ 18	4	
02	M304760001	Hose 油冷却胶管	1	
03	M304760002	Hose 油冷却胶管	1	
04		Band 捆扎带ZD200 $\times$ 8	2	
05		Clip 卡箍	2	
06	M304760003	Union 变矩器油管螺钉	4	

门架管路系统（基本型）/HYDRAULIC SYSTEM MAST(NORMAL MAST )

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

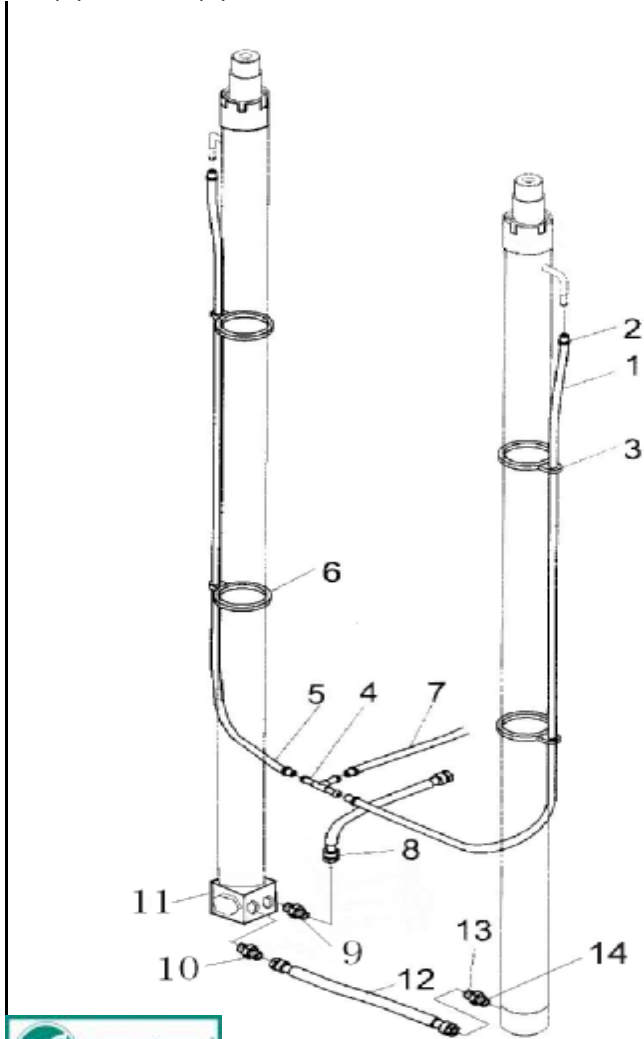


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A		Mast hydraulic system 门架管路系统	1	
01	M3037600018	Tube vinyl 塑料回油管Φ8XL	1	
02		Clip 夹箍10-16	6	
03		Clip 卡箍	4	
04	M3037604000	Three way 升降缸回油接头	1	
05		Tube vinyl 塑料回油管Φ8X1400	1	
06		Nylon lash 尼龙扎带	4	
07		Tube vinyl 塑料回油管Φ12×17×1100	4	
08	M3037600015	Hose H.P. 高压胶管	1	
09	M3037600020	Through type connector 接头	2	
10	JB982-77	Washer 组合垫圈20	2	
11	M3037605000	Two way 二通接头	1	
12	M3037600017	Hose H.P. 高压胶管	1	
13	M3037600020	Through type connector 起升缸接头	1	
14	JB982-77	Washer 组合垫圈20	1	

门架管路系统(基本型)/HYDRAULIC SYSTEM MAST(NORMAL MAST )

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

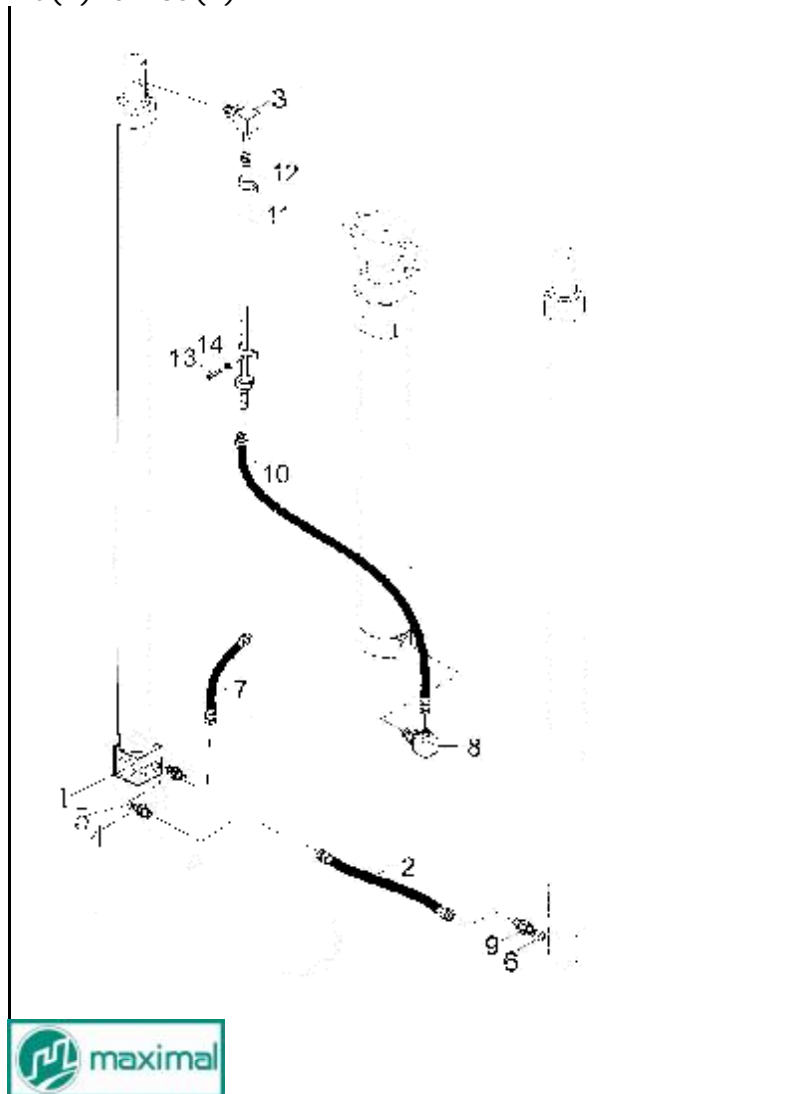
管路系统选用件 Mast Piping Optional Parts



起升高度 LIFTING HEIGHT	件1塑料回油管长度 PLASTIC HOSE	件5塑料回油管长度 PLASTIC HOSE	备注 REMARK
2000	850	1200	
2250	950	1300	
2500	1100	1400	
2700	1200	1500	
2750	1200	1500	
3000	1250	1750	标准 (STD)
3250	1350	1900	
3300	1400	1950	
3500	1600	1900	
3660	1600	2150	
3700	1600	2150	
3750	1600	2150	
4000	1800	2350	
4250	1900	2450	
4500	2050	2600	
4750	2150	2700	
5000	2300	2850	
5500	2600	3150	
6000	2850	3400	

门架管路系统 (二级全自由) /HYDRAULIC SYSTEM MAST(FULL FREE 2-STAGE MAST)

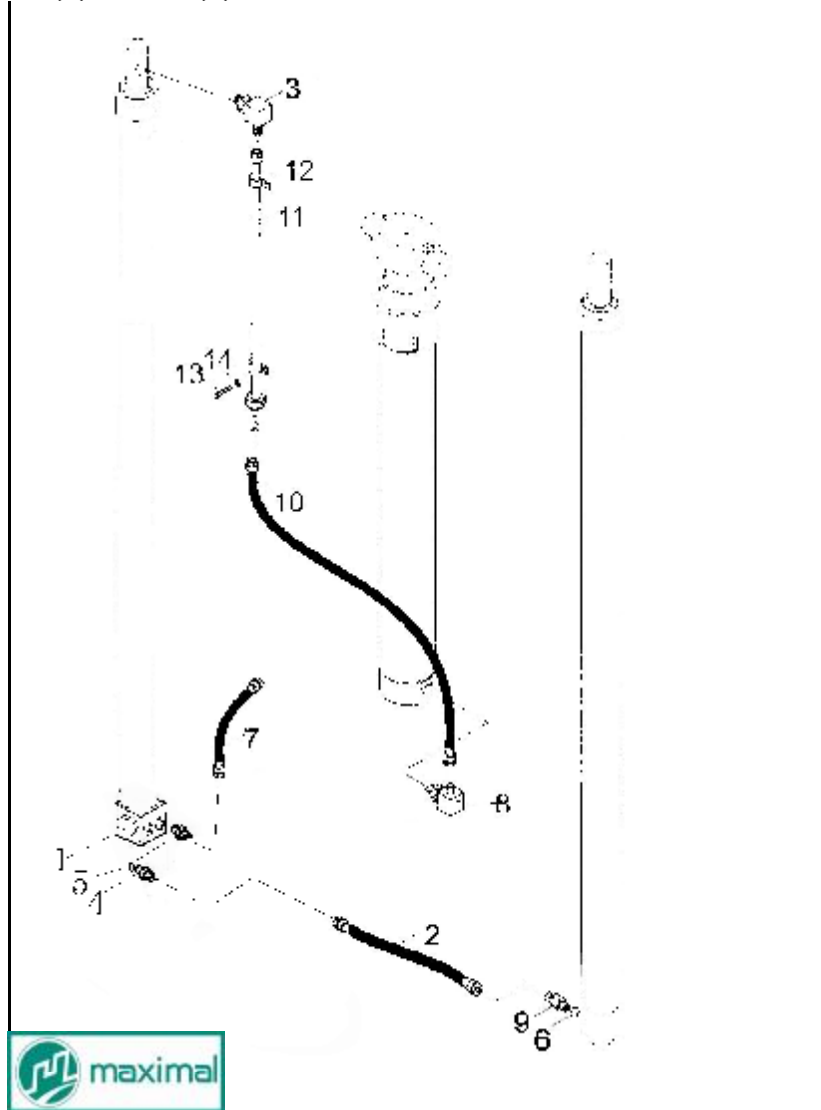
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A		Mast pipe-line system 门架管路系统	1	
01	M3037605000	Two way 二通接头	1	
02	M3037600017	Hose H.P. 高压胶管	1	
03	M3037600019	El bow 直角接头	1	
04	M3037600020	Through type connector 接头	2	
05		Washer 组合垫圈20	2	
06		Washer 组合垫圈20	1	
07	M3037600015	Hose H.P. 高压胶管	1	
08	M3037602000	El bow 直角接头	1	
09	M3037600020	Through type connector 直通接头	1	
10	M3037600023	Hose 胶管接头Φ13XL	1	
11	M3037609000	Steel pipe ass'y 钢管总成	1	
12	M3037600024	Cl ip 管夹	2	
13	GB67-85	bol t 螺栓M6X16	2	
14	GB93-87	Washer, lock 垫圈6	2	

门架管路系统(二级全自由)/HYDRAULIC SYSTEM MAST(FULL FREE 2-STAGE MAST)

- FD20~35(T)-MG
- FD20~35(T)-MW
- FG(L)20~35(T)-MG
- FG(L)20~35(T)-MW

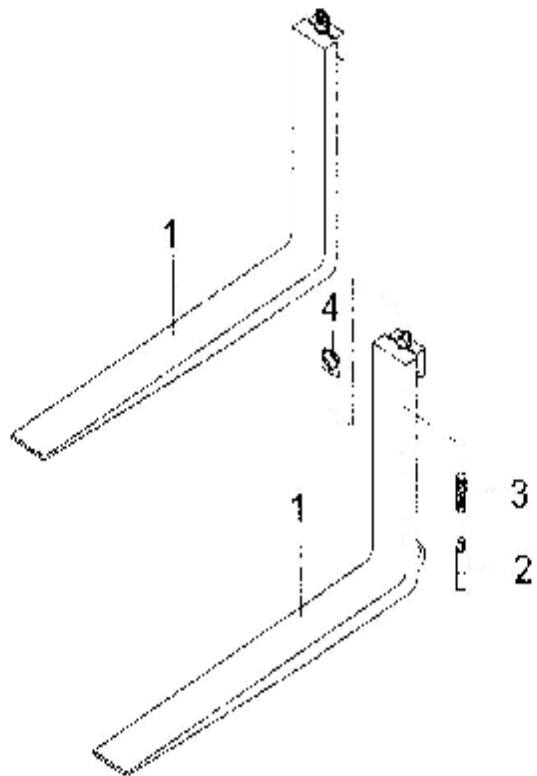


门架管路系统选用件 (二级全自由门架)  
 MAST PIPE-LINE SYSTEM(FULL FREE 2-STAGE MAST)

起升高度 LIFTING HEIGHT		高压胶管长度 LENGTH OF HOSE H. P.		备注 REMARK
2000		400		
2250		420		
2500		420		
2700		550		
2750		420		
3000		420		
3250		520		
3300		550		
3500		420		
3660		500		
3700		520		
3750		550		
4000		550		
4250		420		
4500		550		
4750		420		
5000		550		
5500		550		
6000		550		

### 货叉（基本及二级全自由）/ FORK (NORMAL & FULL FREE 2-STAGE MAST )

FD20~35(T)-MG  
FD20~35(T)-MW  
FG(L)20~35(T)-MG  
FG(L)20~35(T)-MW

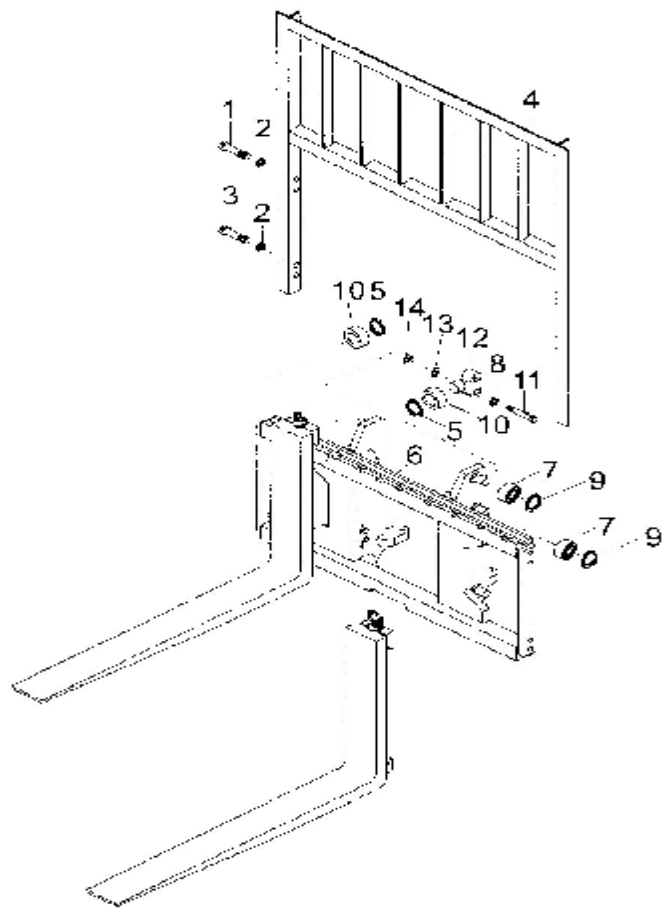


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M2038050000	Fork ass'y(Inc. 2-4) 货叉总成（包括2-4）	1	2t, 2.5t
—	M3038050000	Fork ass'y(Inc. 2-4) 货叉总成（包括2-4）	1	3t, 3.5t
02	M2038050001	Positioning Pin 定位销	2	2t, 2.5t
—	M3038050001	Positioning Pin 定位销	2	3t, 3.5t
03	M2038050002	Spring 弹簧	2	2t, 2.5t
—	M3038050002	Spring 弹簧	2	3t, 3.5t
04	M3038050003	Handle 把手	2	



货叉架（基本及二级全自由）/LIFT BRACKET (NORMAL & FULL FREE 2-STAGE MAST)

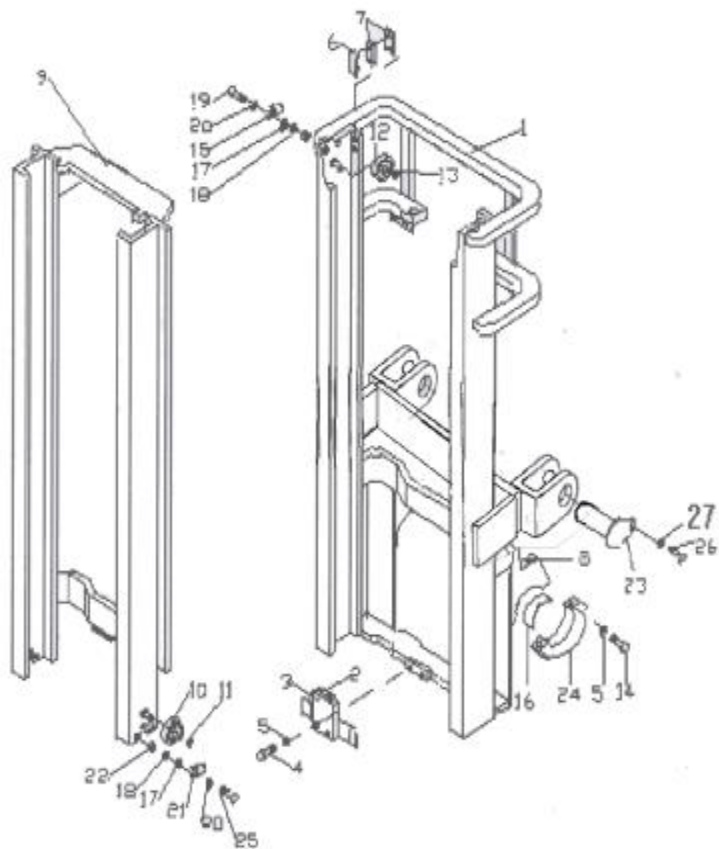
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01		Bol t 螺栓M14×25	4	
02		Washer, lock 垫圈14	8	
03		Bol t 螺栓M14×30	4	
04	M2038004000	Backrest 挡货架	1	2t, 2.5t
—	M3038004000	Backrest 挡货架	1	3t, 3.5t
05	M2038005005	Snap ring 挡圈25	4	2t, 2.5t
—	M3038005005	Snap ring 挡圈30	4	3t, 3.5t
06	M2038005000	Lift bracket 货叉架	1	2t基本 (Normal)
—	M3038005000	Lift bracket 货叉架	1	3t基本 (Normal)
07	M3038005006	End roller 滚轮Φ121.5×55-34	6	
08		Washer, lock 垫圈16	4	
09		Snap ring 挡圈55	6	
10	M2038005001	Spacing roller 限位滚轮	4	2t, 2.5t
—	M3038005001	Side roller 侧滚轮Φ91.5	4	3t, 3.5t
11		Bol t 螺栓M16×40	4	2t, 2.5t
—		Bol t 螺栓M16×1.5×65	4	3t, 3.5t
12	M2038005002	Shaft, spacing roller 限位滚轮轴	2	2t, 2.5t
—	M3038005002	Shaft, side roller 侧滚轮轴	2	3t, 3.5t
13	M3038005003	Washer 垫圈	AR	2t, 2.5t
—	M2038005003	Shim 调整垫片δ1	AR	3t, 3.5t
14	M2038005004	Washer 垫圈	AR	2t, 2.5t
—	M3038005004	Shim 调整垫片δ0.2	AR	3t, 3.5t

门架(基本型)/MAST (NORMAL MAST )

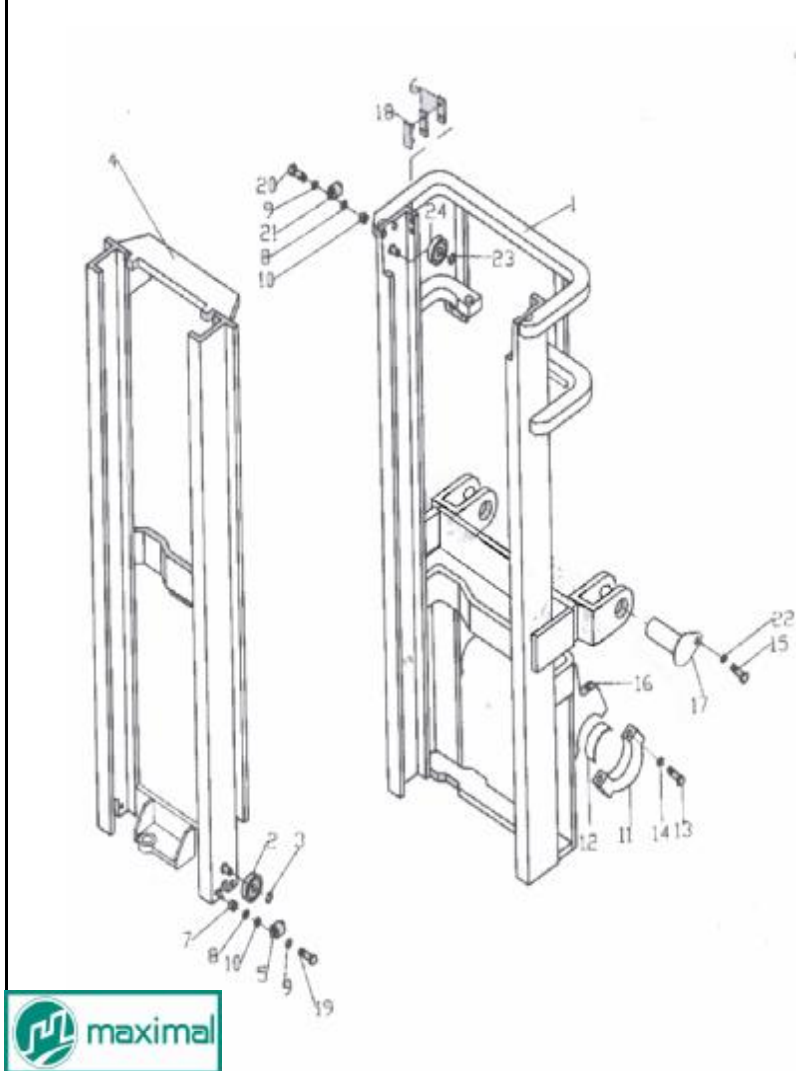
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M2080081000	Mast ass'y, outer	1	2t, 2.5t
—	M3080081000	Mast ass'y, outer	1	3t, 3.5t
02	M3080080001	Rubber, cushion	1	
03		Bracket, cushion	1	
04		Bolt	2	螺栓M16×1.5×35
05		Washer, lock	6	挡圈16
06	M3080080002	Slipper	2	限位滑块
07	M3080080003	Shim	AR	调整垫片
08		Grease port	2	油杯M10X1
09	M2080082000	Mast ass'y, inner	1	2t, 2.5t
—	M3080082000	Mast ass'y, inner	1	3t, 3.5t
10		End roller	2	主滚轮 Φ121.5×55-34
11		Snap ring	2	挡圈55
12		Roller	2	滚轮 Φ109.5
13		Snap ring	2	挡圈40
14		Bolt	4	螺栓M16×1.5×70
15	M2080080001	Side roller	2	2t, 2.5t
—	M3080080004	Side roller	2	3t, 3.5t
16	M3080080005	Bushing	2	轴衬
17	M3080080006	Shim	AR	调整垫圈
18	M3080080007	Shim	AR	调整垫圈
19		Bolt	4	螺栓M12×1.25×35
20		Washer, lock	8	垫圈12
21	M2080084000	Side roller	2	2-2.5T
—	M3080084000	Side roller	2	3-3.5T
22	M3080080016	Spacer	4	垫块
23	M3080080020	Pin axle	2	销轴
24	M3080080021	Cap	2	支座盖
25		Bolt	4	螺栓M12×40
26		Bolt	4	螺栓M10×20
27		Washer, lock	4	垫圈10

门架(二级全自由)/MAST (FULL FREE 2-STAGE MAST )

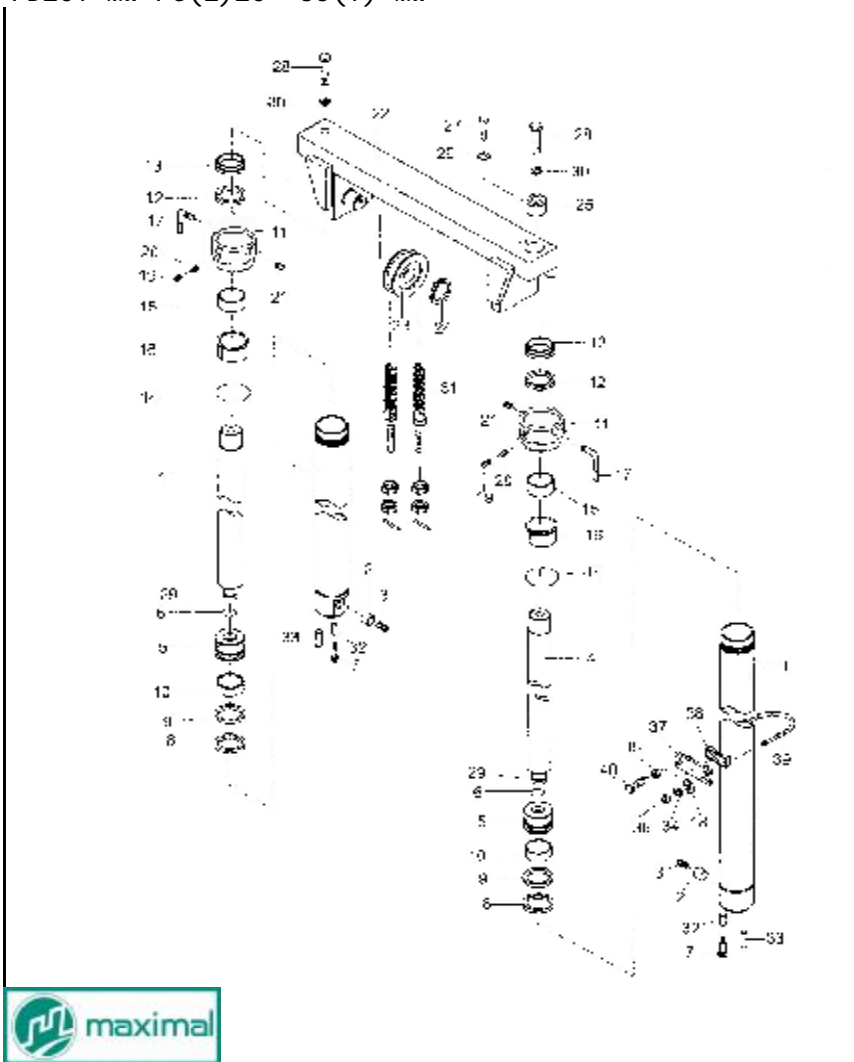
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M2080042000	Mast ass'y, outer	1	2t, 2.5t
—	M3080041000	Mast ass'y, outer	1	3t, 3.5t
02		End roller	2	主滚轮 $\Phi 121.5 \times 55-34$
03		Snap ring	2	挡圈55
04	M2080042000	Mast ass'y, inner	1	2t, 2.5t
—	M3080041000	Mast ass'y, inner	1	3t, 3.5t
05	M3080041400	Side roller	2	侧滚轮组 II $\Phi 58$
06	M3080040011	Shim	AR	调整垫片
07	M3080040016	Spacer	4	垫块
08	M3080040007	Shim	AR	调整垫圈
09		Washer, lock	8	垫圈12
10	M3080040006	Shim	AR	调整垫圈
11	M3080040021	Cap	2	支座盖
12	M3080040003	Bushing	2	轴衬
13		Bol t	4	螺栓M16 $\times$ 1.5 $\times$ 70
14		Washer, lock	4	垫圈16
15		Bol t	4	螺栓M10 $\times$ 1.25 $\times$ 20
16		Grease port	2	油杯M10X1
17	M3080040020	Pin axle	2	销轴
18	M3080040010	Slipper	2	限位滑块
19		Bol t	4	螺栓M12 $\times$ 40
20		Bol t	4	螺栓M12 $\times$ 1.25 $\times$ 35
21	M2080041200	Side roller	2	2t, 2.5t
—	M3080041300	Side roller	2	3t, 3.5t
22		Washer, lock	4	垫圈10
23		Snap ring	2	挡圈40
24		Roller	2	滚轮 $\Phi 109.5$

起升油缸（基本型）/LIFT CYLINDER(NORMAL MAST )

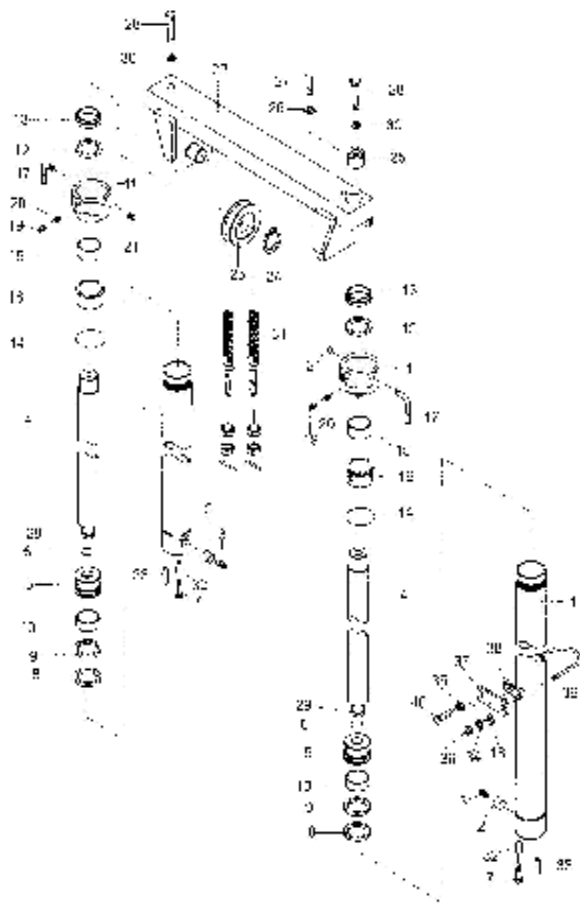
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M2038203000	Lift cylinder ass'y	1	起升油缸总成 2t, 2.5t
—	M3038204000	Lift cylinder ass'y	1	起升油缸总成 3t, 3.5t
01	M3038203001	Cylinder body	2	缸体 2t, 2.5t
—	M2038200001	Cylinder body	2	缸体 3t, 3.5t
02	M2038200001	Spool	2	滑阀 2t, 2.5t
—	M3038200001	Spool	2	滑阀 3t, 3.5t
03	M3038200002	Spring	2	弹簧
04	M3038200003	Piston rod	2	活塞杆 2t, 2.5t
—	M3038200004	Piston rod	2	活塞杆 3t, 3.5t
05	M3038200005	Piston	2	活塞 2t, 2.5t
—	M3038200005	Piston	2	活塞 3t, 3.5t
06	M3038200006	Snap ring	2	钢丝挡圈
07		Bolt	2	螺栓M12×1.25×25
08	M2038200004	U-ring Seal	2	U型密封圈 2t, 2.5t
—	M3038200007	U-ring Seal	2	U型密封圈 3t, 3.5t
09	M2038200005	Ring, back up	2	挡片 2t, 2.5t
—	M3038200008	Ring, back up	2	挡片 3t, 3.5t
10	M2038200006	Wearing	2	支承环 2t, 2.5t
—	M3038200009	Wearing	2	支承环 3t, 3.5t
11	M2038200007	Guide sleeve	2	导向套 2t, 2.5t
—	M3038200010	Guide sleeve	2	导向套 3t, 3.5t
12		Ring seal	2	密封圈 2t, 2.5t
—		Ring seal	2	密封圈 3t, 3.5t
13		Dust ring	2	防尘圈 2t, 2.5t
—		Dust ring	2	防尘圈 3t, 3.5t
14		O-ring seal	2	O型密封圈53×2.65 2t, 2.5t
—		O-ring seal	2	O型密封圈68×3.1 3t, 3.5t
15		Bushi ng	2	钢背轴承4030 2t, 2.5t
—		Bushi ng	2	钢背轴承4530 3t, 3.5t
16	M2038200008	Bushi ng	2	衬套 2t, 2.5t
—	M3038200011	Bushi ng	2	衬套 3t, 3.5t

起升油缸（基本型）/LIFT CYLINDER(NORMAL MAST )

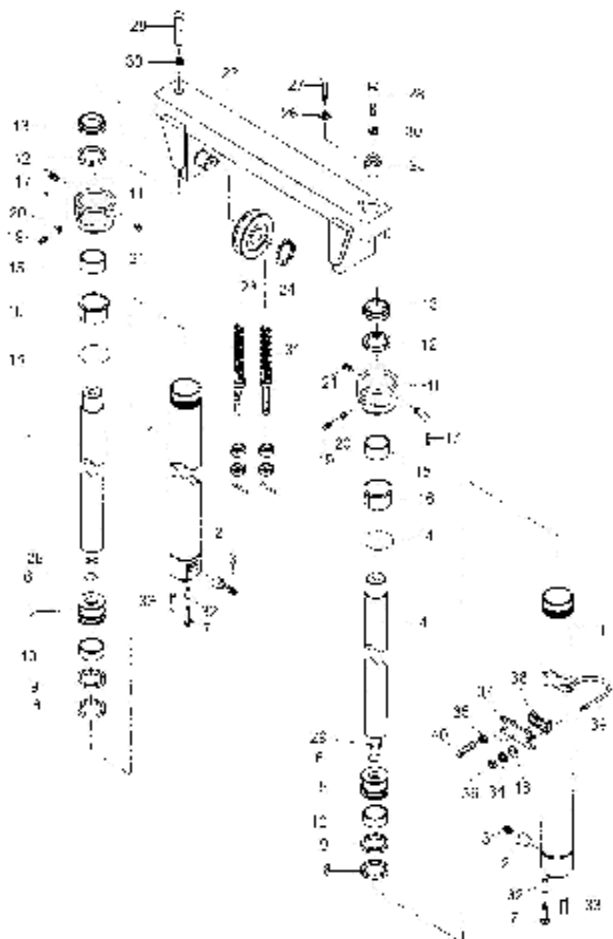
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
17	M3038200012	El bow	2	管接头
18		Washer	4	垫圈10
19		Screw	4	螺钉M8×12
20		Pl ug	4	塞子
21		Pl ug	2	螺塞
22	M2038204000	Active beam	1	活动梁
—	M3038204000	Active beam	1	活动梁
23		Sheave	2	链轮
24		Snap ring	2	挡圈40
25	M3038200013	Pl ug, adjusted	1	调整螺塞
26		Pl ate	1	卡板
27		Bol t	1	螺栓M12×25
—		Bol t	1	螺栓M12×20
28		Bol t	2	螺栓M16×1.5×50
—		Bol t	2	螺栓M16×1.5×45
29	M2038200009	Sl eeve, adjusted	2	调整套
—	M3038200014	Sl eeve, adjusted	2	调整套
30		Washer, lock	2	垫圈16
31	M2038209000	Chain ass'y	2	链条总成
—	M3038209000	Chain ass'y	2	链条总成
32	M3038200015	Spacer	2	隔套
33		Pin	2	销D10×26
34		Washer, lock	4	垫圈10
35		Nut	2	螺母M12×1.25
36		Nut	4	螺母M12×1.25
37	M3038200016	Support	2	油缸支撑块
38	M3038200017	Rubber	2	调整块
39	M2038200010	U-bol t	2	U型螺栓
—	M3038200018	U-bol t	2	U型螺栓
40		Bol t	2	螺母M12×1.25×50
—		Bol t	2	螺母M12×1.25×40

## 起升油缸(基本型)/LIFT CYLINDER(NORMAL MAST )

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



2-2.5t起升油缸选用件(基本型)  
 LIFT CYLINDER OPTION TABLE(NORMAL MAST)

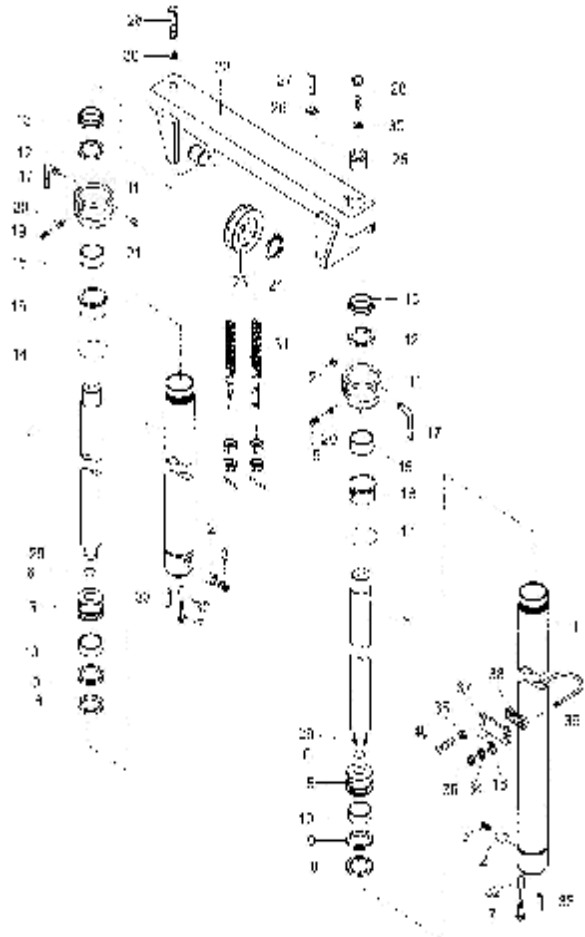
起升高度 LIFTING HEIGHT	起升油缸总成 LIFT CYLINDER ASS'Y	缸体 CYLINDER BODY	活塞杆 PISTON ROD	链条总成 CHAIN ASS'Y	备注 REMARK
2000	M2038208020	M2038208120	M2038208220	LH1623X061	
2250	M2038208023	M2038208123	M2038208223	LH1623X068	
2500	M2038208025	M2038208125	M2038208225	LH1623X073	
2750	M2038208028	M2038208128	M2038208228	LH1623X076	
3000	M2038208030	M2038208130	M2038208230	LH1623X803	标准(STD)
3250	M2038208033	M2038208133	M2038208233	LH1623X091	
3500	M2038208035	M2038208135	M2038208235	LH1623X095	
3700	M2038208037	M2038208137	M2038208237	LH1623X100	
3750	M2038208038	M2038208138	M2038208238	LH1623X101	
4250	M2038208043	M2038208143	M2038208243	LH1623X169	
4500	M2038208045	M2038208145	M2038208245	LH1623X177	
4750	M2038208048	M2038208148	M2038208248	LH1623X183	
5000	M2038208050	M2038208150	M2038208250	LH1623X189	
5500	M2038208055	M2038208155	M2038208255	LH1623X201	
6000	M2038208060	M2038208160	M2038208260	LH1623X223	



起升油缸(基本型)/LIFT CYLINDER(NORMAL MAST)

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

3-3.5t起升油缸选用件(基本型)  
 LIFT CYLINDER OPTION TABLE(NORMAL MAST)

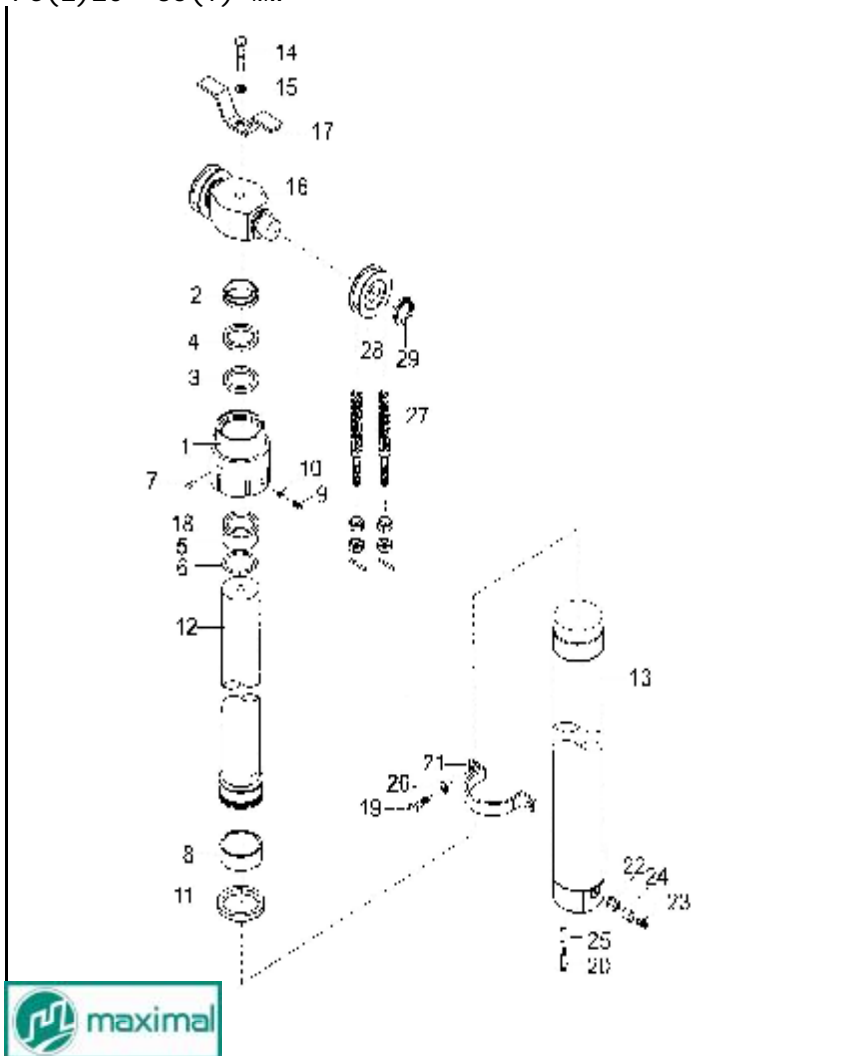


起升高度 LIFTING HEIGHT	起升油缸总成 LIFT CYLINDER ASS'Y	缸体 CYLINDER BODY	活塞杆 PISTON ROD	链条总成 CHAIN ASS'Y	备注 REMARK
2000	M3038208020	M3038208120	M3038208220	LH1623X061	
2250	M3038208023	M3038208123	M3038208223	LH1623X068	
2500	M3038208025	M3038208125	M3038208225	LH1623X073	
2750	M3038208028	M3038208128	M3038208228	LH1623X076	
3000	M3038208030	M3038208130	M3038208230	LH1623X803	
3250	M3038208033	M3038208133	M3038208233	LH1623X091	标准 (STD)
3500	M3038208035	M3038208135	M3038208235	LH1623X095	
3700	M3038208037	M3038208137	M3038208237	LH1623X100	
3750	M3038208038	M3038208138	M3038208238	LH1623X101	
4250	M3038208043	M3038208143	M3038208243	LH1623X169	
4500	M3038208045	M3038208145	M3038208245	LH1623X177	
4750	M3038208048	M3038208148	M3038208248	LH1623X183	
5000	M3038208050	M3038208150	M3038208250	LH1623X189	
5500	M3038208055	M3038208155	M3038208255	LH1623X201	
6000	M3038208060	M3038208160	M3038208260	LH1623X223	



前起升油缸（二级全自由）/FRONT LIFT CYLINDER(FULL FREE 2-STAGE MAST )

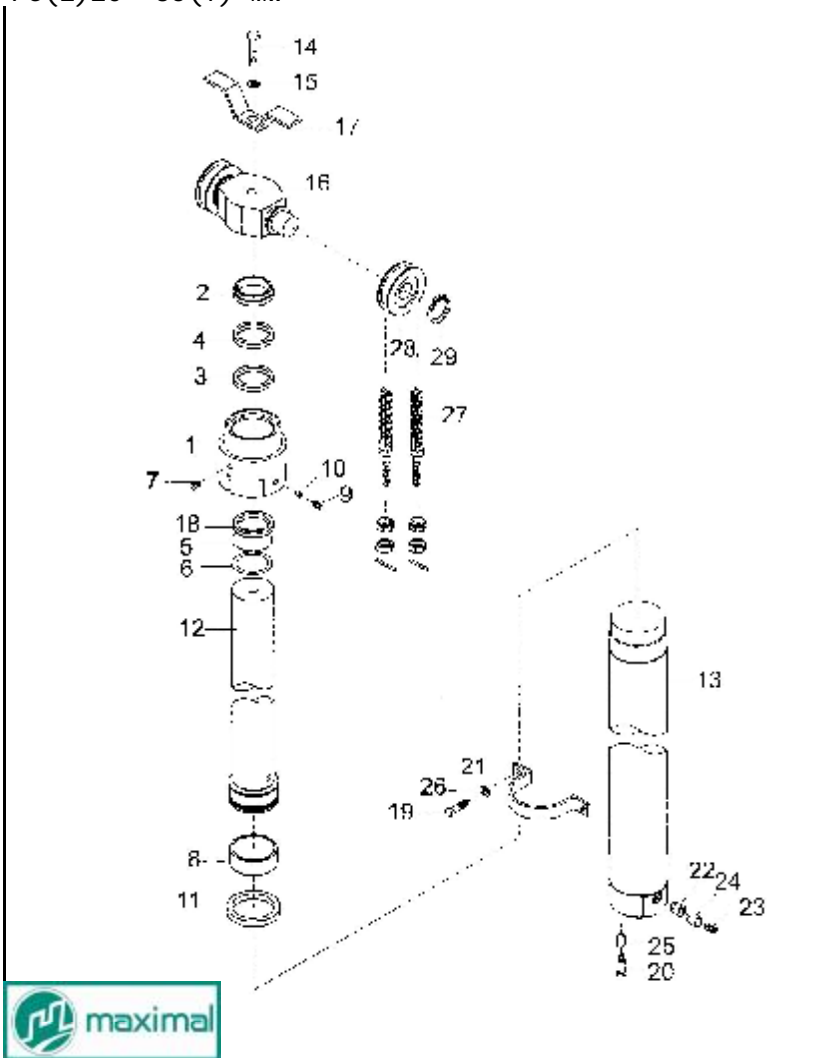
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark	
A	M2038007000	Lift cylinder mount(fron	升降油缸安装图	1	2t, 2.5t
—	M3038007000	Lift cylinder mount(fron	升降油缸安装图	1	3t, 3.5t
01	M2038007001	Cap, lift cylinder	前缸盖	1	2t, 2.5t
—	M3038007001	Cap, lift cylinder	前缸盖	1	3t, 3.5t
02	M2038007002	Dust ring	防尘圈75	1	2t, 2.5t
—	M3038007002	Dust ring	防尘圈85	1	3t, 3.5t
03		Yx-ring seal	Yx密封圈d75	1	2t, 2.5t
—		Yx-ring seal	Yx密封圈d85	1	3t, 3.5t
04	M2038007003	Snap ring	挡圈	1	2t, 2.5t
—	M3038007003	Snap ring	挡圈(←)	1	3t, 3.5t
05		O-ring seal	o型密封圈100×3.1	1	2t, 2.5t
—		O-ring seal	o型密封圈	1	3t, 3.5t
06	M2038007004	Snap ring	挡圈	1	2t, 2.5t
—	M3038007004	Snap ring	挡圈(←)	1	3t, 3.5t
07		Plug	螺塞	2	
08	M2038007005	Wearing	支承环	1	2t, 2.5t
—	M3038007005	Wearing	支承环	1	3t, 3.5t
09		Screw	螺钉M6×10	2	2t, 2.5t
—		Screw	螺钉M6×8	2	3t, 3.5t
10	M3038007006	Plug	塞子	2	
11		Seal ring	密封环90×82.4×4.5	1	2t, 2.5t
—		Seal ring	密封环100×92.4×4.3	1	3t, 3.5t
12	M2038007006	Piston rod ass'y	柱塞杆总成	1	2t, 2.5t
—	M3038007007	Piston rod ass'y	柱塞体	1	3t, 3.5t
13	M2038007007	Cylinder body(front)	前缸体	1	2t, 2.5t
—	M3038007008	Cylinder body(front)	前缸体	1	3t, 3.5t
14		Bolt	螺栓M16×80	1	
15		Washer, lock	垫圈16	1	

前起升油缸（二级全自由）/FRONT LIFT CYLINDER(FULL FREE 2-STAGE MAST )

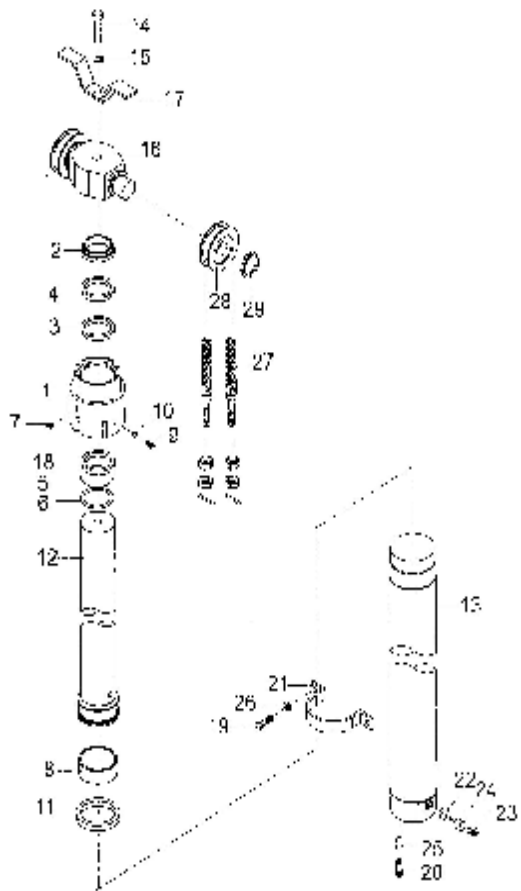
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
16	M3038607100	Sheave seat 链轮座	1	
17	M3038600008	Stopper, chain 护链板	1	
18		Bushing 钢背轴承7530	1	2t, 2.5t
—		Bushing 钢背轴承8540	1	3t, 3.5t
19		Bol t 螺栓M10×1.25×20	2	
20		Bol t 螺栓M12×1.25×30	1	
21	M2038600007	Support 固定卡	1	2t, 2.5t
—	M3038600009	Support 固定卡	1	3t, 3.5t
22	M2038600008	Spool 阀芯	1	2t, 2.5t
—	M3038600010	Spool 阀芯	1	3t, 3.5t
23	M2038600009	Spring 弹簧	1	2t, 2.5t
—	M3038600011	Spring 弹簧	1	3t, 3.5t
24	M2038600010	Seat, spring 弹簧座	1	2t, 2.5t
25		Spacer 隔套	1	
26		Washer, lock 垫圈10	2	
27	M2038607200	Chain ass'y 链条总成	2	2t, 2.5t
—	M3038607200	Chain ass'y 链条总成	2	3t, 3.5t
28	M3038607011	Sheave 链轮	2	
29		Snap ring 挡圈40	2	

### 前起升油缸(二级全自由)/FRONT LIFT CYLINDER(FULL FREE 2-STAGE MAST)

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



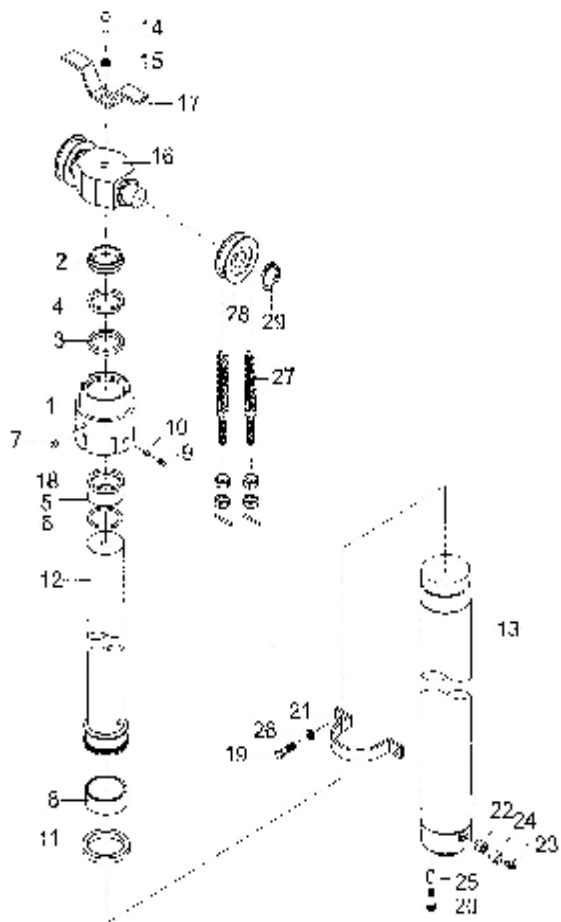
#### 2-2.5t前起升油缸选用件(二级全自由) OPTIONAL PARTS FOR 2 TO 2.5 TON FRONT LIFT CYLINDER (FULL FREE 2-STAGE MAST)

起升高度 LIFTING HEIGHT	前升降缸安装图 LIFT CYLINDER	柱塞杆总成 PISTON ROD ASS'Y	前缸体 CYLINDER BODY	链条总成 CHAIN ASS'Y	备注 REMARK
2000	M2038000420			LH1623X035	
2250	M2038000423			LH1623X040	
2500	M2038000425			LH1623X045	
2750	M2038000428			LH1623X050	
3000	M2038000430			LH1623X055	
3250	M2038000433			LH1623X060	标准(STD)
3500	M2038000435			LH1623X065	
3700	M2038000437			LH1623X070	
3750	M2038000438			LH1623X071	
4250	M2038000443			LH1623X078	
4500	M2038000445			LH1623X080	
4750	M2038000448			LH1623X081	
5000	M2038000450			LH1623X095	
5500	M2038000455			LH1623X105	
6000	M2038000460			LH1623X115	

前起升油缸(二级全自由)/FRONT LIFT CYLINDER(FULL FREE 2-STAGE MAST)

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

3-3.5t前起升油缸选用件(二级全自由门架)  
 OPTIONAL PARTS 3 TO 3.5TON FRONT LIFT CYLINDER  
 (FULL FREE 2-STAGE MAST)



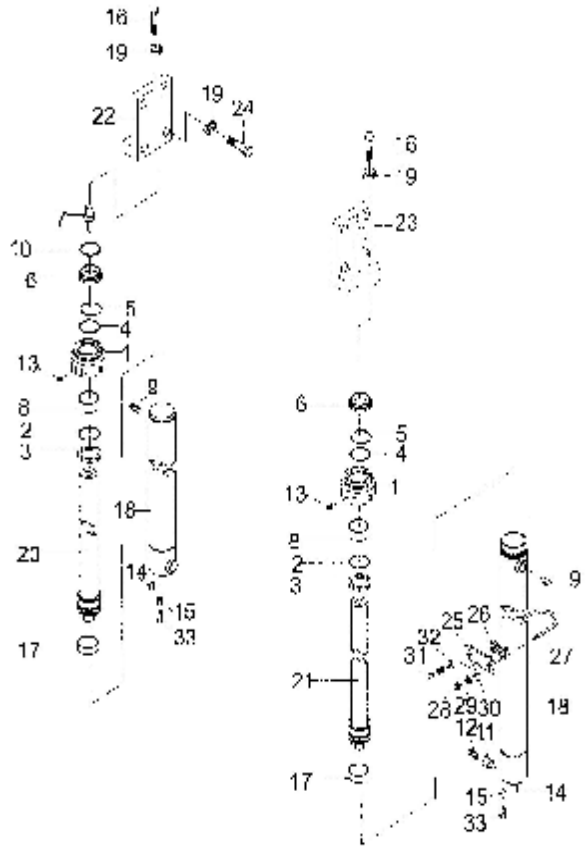
起升高度 LIFTING HEIGHT	前升降缸安装图 LIFT CYLINDER	柱塞杆总成 PSTION ROD ASS'Y	前缸体 CYLINDER BODY	链条总成 CHAIN ASS'Y	备注 REMARK
2000	M3038600420			LH1623X035	
2250	M3038600423			LH1623X040	
2500	M3038600425			LH1623X045	
2750	M3038600428			LH1623X050	
3000	M3038600430			LH1623X055	
3250	M3038600433			LH1623X060	标准 (STD)
3500	M3038600435			LH1623X065	
3700	M3038600437			LH1623X070	
3750	M3038600438			LH1623X071	
4250	M3038600443			LH1623X078	
4500	M3038600445			LH1623X080	
4750	M3038600448			LH1623X081	
5000	M3038600450			LH1623X095	
5500	M3038600455			LH1623X105	
6000	M3038600460			LH1623X115	

后起升油缸（二级全自由）/REAR LIFT CYLINDER(FULL FREE 2-STAGE MAST )

FD20~35(T)-MG  
FD20~35(T)-MW

FG(L)20~35(T)-MG

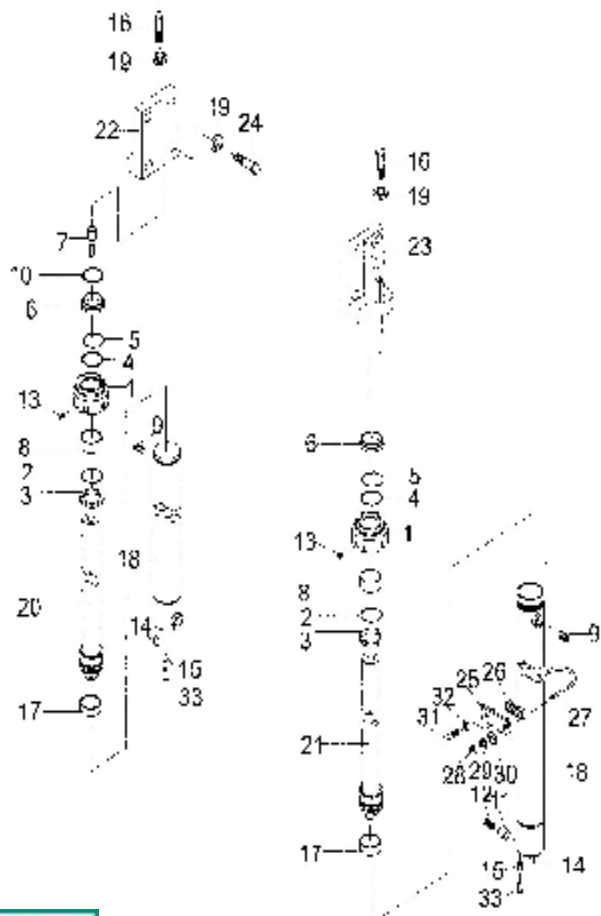
FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M2038206000	Lift cylinder mount(rear 后升降油缸安装图左后升降油缸安装图右)	1	2t, 2.5t
—	M3038206000	Lift cylinder mount(rear 后升降油缸安装图左后升降油缸安装图右)	1	3t, 3.5t
01	M2038205001	Cap, cylinder 缸盖	2	2t, 2.5t
—	M3038205001	Cap, cylinder 缸盖	2	3t, 3.5t
02		O-ring seal o型密封圈	2	2t, 2.5t
—		O-ring seal o型密封圈60×3.1	2	3t, 3.5t
03	M2038205002	Snap ring 挡圈	2	2t, 2.5t
—	M3038205002	Snap ring 挡圈	2	3t, 3.5t
04		Yx-ring seal Yx型密封圈d35	2	2t, 2.5t
—		Yx-ring seal Yx型密封圈d40	2	3t, 3.5t
05	M2038205003	Snap ring 挡圈	2	2t, 2.5t
—	M3038205003	Snap ring 挡圈	2	3t, 3.5t
06	M2038205004	Dust ring 防尘圈35	2	2t, 2.5t
—	M3038205004	Dust ring 防尘圈40	2	3t, 3.5t
07	M3038205005	Joint rod 连接杆	1	
08	M3038205006	Bushing 钢背轴承4030	2	
09		Screw 螺钉M6×10	4	
—	M2038205005	Plug 塞子	4	ONLY FOR 3t
10		O-ring seal o型密封圈26×2.4	1	
11	M3038206001	Spool 阀芯	1	
12	M3038206002	Spring 弹簧	1	
13	M3038206003	Plug 螺塞Z1/8"	4	
14	M2038205006	Pin 销10×25	2	2t, 2.5t
—	M3038205008	Pin 销10×24	2	3t, 3.5t
15	M3038205009	Spacer 隔套	2	
16		Bol t 螺栓M16×35	2	
17	M2038205007	Weari ng 支承环	2	2t, 2.5t
—	M3038205010	Weari ng 支承环	2	3t, 3.5t

### 后起升油缸（二级全自由）/REAR LIFT CYLINDER(FULL FREE 2-STAGE MAST )

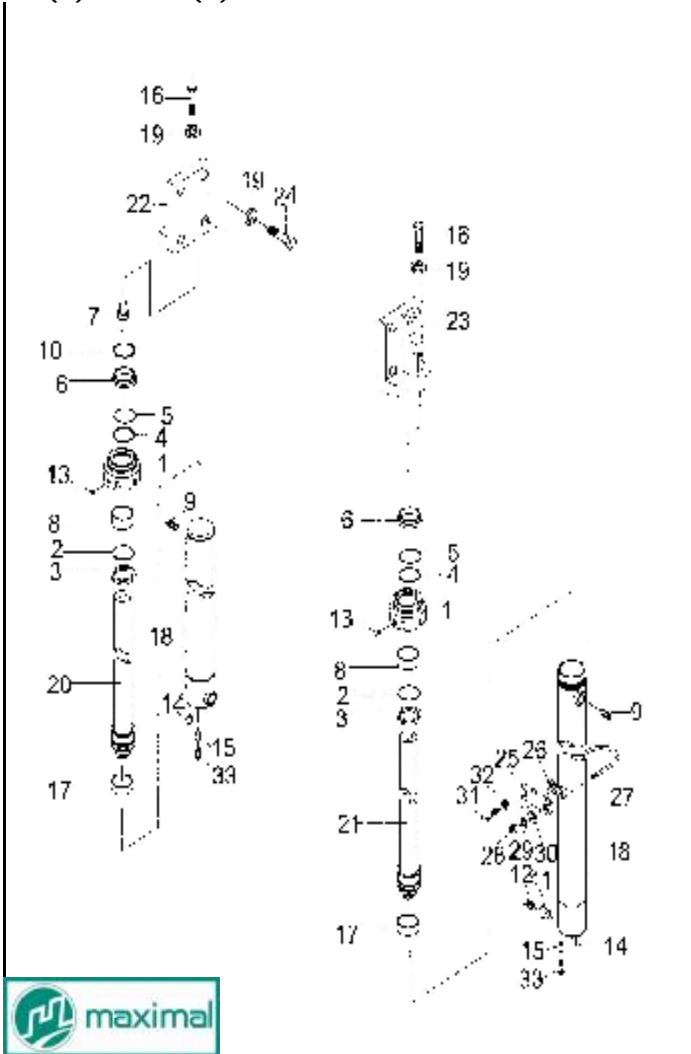
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
18	M2038205100	Cylinder body(L. H. &R. H.)	2	缸体(左右各一) 2t, 2.5t
—	M3038205100	Cylinder body(L. H. &R. H.)	2	缸体(左右各一) 3t, 3.5t
19		Washer, lock	10	垫圈16
20	M2038205200	Piston rod ass'y, R. H.	1	右柱塞杆总成 2t, 2.5t
—	M3038205200	Piston rod ass'y, R. H.	1	右柱塞杆总成 3t, 3.5t
21	M2038206100	Piston rod ass'y, L. H.	1	左柱塞杆总成 2t, 2.5t
—	M3038206100	Piston rod ass'y, L. H.	1	左柱塞杆总成 3t, 3.5t
22	M2038205008	Bracket, R. H.	1	支架(右) 2t, 2.5t
—	M3038205010	Bracket, R. H.	1	支架(右) 3t, 3.5t
23	M2038205009	Bracket, L. H.	1	支架(左) 2t, 2.5t
—	M3038205011	Bracket, L. H.	1	支架(左) 3t, 3.5t
24		Bol t	8	螺栓M16×40
25	M3038205012	Support	2	油缸支撑块
26	M3038205013	Rubber	2	调整块
27		U-bol t	2	U型螺栓
28		Nut	4	螺母M10×1.25
29		Washer, lock	4	垫圈10
30		Washer	4	垫圈10
31		Bol t	2	螺栓M12×1.25×40
32		Nut	2	螺母M12×1.25
33		Bol t	2	螺栓M12×1.25×25

## 后起升油缸(二级全自由)/REAR LIFT CYLINDER(FULL FREE 2-STAGE MAST)

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



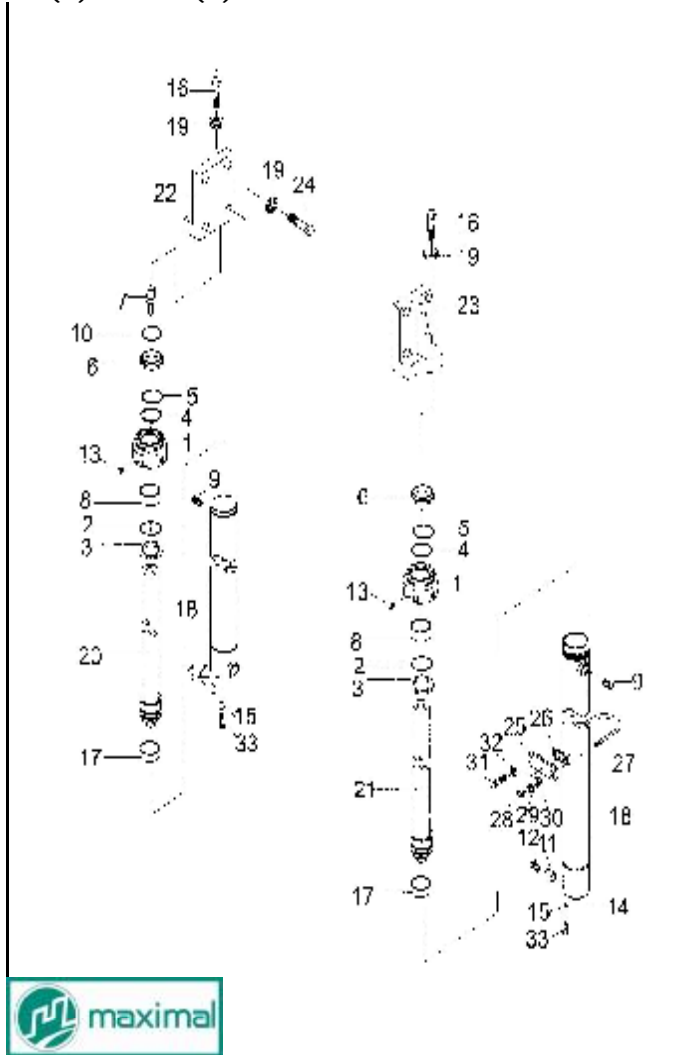
### 3-3.5t后起升油缸选用件 (二级全自由门架) OPTIONAL PARTS OF 3 TO 3.5TON REAR LIFT CYLINDER(FULL FREE 2-STAGE MAST)

起升高度 LIFTING HEIGHT	后升降缸安装图 LIFT CYLINDER (REAR)	缸体 CYLINDER BODY		右柱塞杆总成 PISTON ROD ASS'Y, R. H.	左柱塞杆总成 PISTON ROD ASS'Y, R. H.	备注 REMARK
		左 (LEFT)	右 (RIGHT)			
2000	M3038005110, M3038006110	M3039005100	M3038005100	M3038006110	M3038005110	
2250	M3038005130, M3038006130	M3039005300	M3038005300	M3038006130	M3038005130	
2500	M3038005130, M3038006130	M3039005300	M3038005300	M3038006130	M3038005130	
2750	M3038005140, M3038006140	M3039005400	M3038005400	M3038006140	M3038005140	
3000	M3038005000, M3038006000	M3039005500	M3038005500	M3038006000	M3038005000	标准 (STD)
3250	M3038005010, M3038006010	M3039005600	M3038005600	M3038006010	M3038005010	
3500	M3038005030, M3038006030	M3039005700	M3038005700	M3038006030	M3038005030	
3700	M3038005030, M3038006030	M3039005800	M3038005800	M3038006030	M3038005030	
3750	M3038005040, M3038006040	M3039005900	M3038005900	M3038006040	M3038005040	
4250	M3038005050, M3038006050	M3039006100	M3038006100	M3038006050	M3038005050	
4500	M3038005060, M3038006060	M3039006300	M3038006300	M3038006060	M3038005060	
4750	M3038005070, M3038006070	M3039006300	M3038006300	M3038006070	M3038005070	
5000	M3038005080, M3038006080	M3039006400	M3038006400	M3038006080	M3038005080	
5500	M3038005090, M3038006090	M3039006500	M3038006500	M3038006090	M3038005090	
6000	M3038005100, M3038006100	M3039006600	M3038006600	M3038006100	M3038005100	

后起升油缸(二级全自由)/REAR LIFT CYLINDER(FULL FREE 2-STAGE MAST)

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

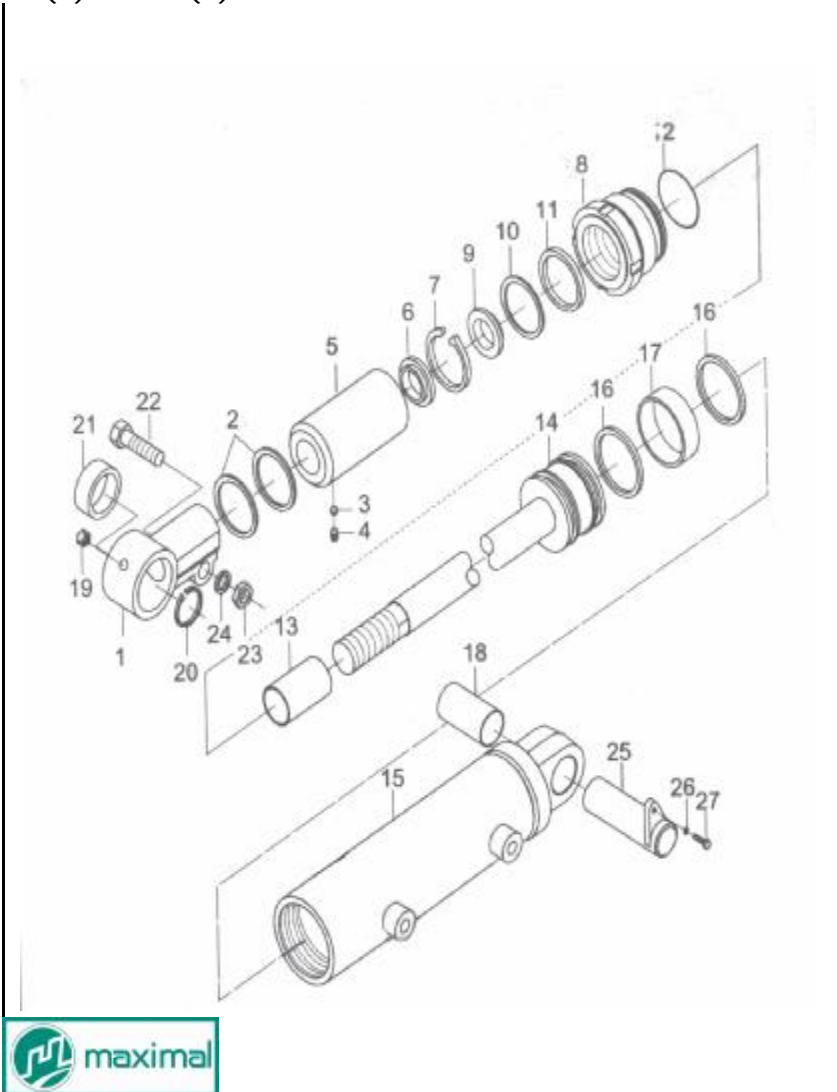
2-2.5t后起升油缸选用件 (二级全自由门架)  
 OPTIONAL PARTS OF 2 TO 2.5t TON REAR LIFT CYLINDER(FULL FREE 2-STAGE MAST)



起升高度 LIFTING HEIGHT	后升降缸安装图 LIFT CYLINDER (REAR)	缸体 CYLINDER BODY		右柱塞杆总成 PISTON ROD ASS' Y, R. H.	左柱塞杆总成 PISTON ROD ASS' Y, R. H.	备注 REMARK
		左(LEFT)	右(RIGHT)			
2000	M2038005110, M2038006110	M2039005100	M2038005100	M2038006110	M2038005110	
2250	M2038005120, M2038006120	M2039005200	M2038005200	M2038006120	M2038005120	
2500	M2038005120, M2038006120	M2039005200	M2038005200	M2038006120	M2038005120	
2750	M2038005140, M2038006140	M2039005400	M2038005400	M2038006140	M2038005140	
2000	M2038005000, M2038006000	M2039005500	M2038005500	M2038006000	M2038005000	
3250	M2038005010, M2038006010	M2039005600	M2038005600	M2038006010	M2038005010	标准 (STD)
3500	M2038005020, M2038006020	M2039005700	M2038005700	M2038006020	M2038005020	
3700	M2038005020, M2038006020	M2039005800	M2038005800	M2038006020	M2038005020	
3750	M2038005040, M2038006040	M2039005900	M2038005900	M2038006040	M2038005040	
4250	M2038005050, M2038006050	M2039006100	M2038006100	M2038006050	M2038005050	
4500	M2038005060, M2038006060	M2039006200	M2038006200	M2038006060	M2038005060	
4750	M2038005070, M2038006070	M2039006200	M2038006200	M2038006070	M2038005070	
5000	M2038005080, M2038006080	M2039006400	M2038006400	M2038006080	M2038005080	
5500	M2038005090, M2038006090	M2039006500	M2038006500	M2038006090	M2038005090	
6000	M2038005100, M2038006100	M2039006600	M2038006600	M2038006100	M2038005100	

倾斜油缸 / TILT CYLINDER

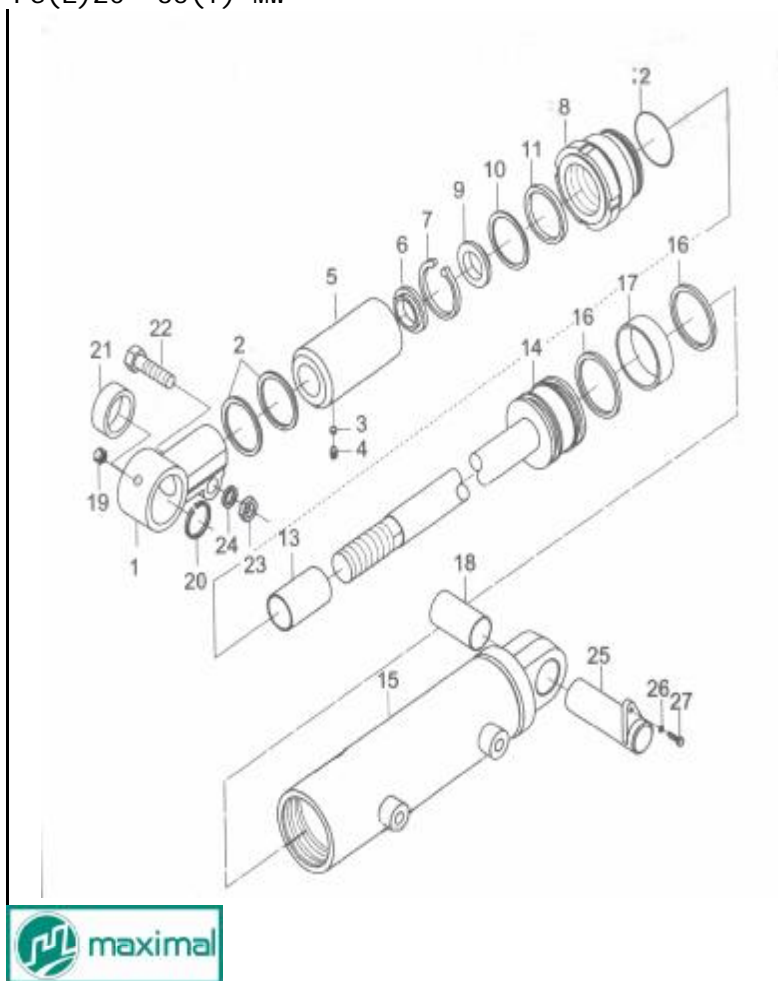
FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	M3038002000	Tilt cylinder	1	倾斜油缸
01	M3038002100	Ear ring	2	耳环
02	M3038002001	Shim	12	垫片
03	M3038002002	Plug	2	塞子
04	GB80-85	Screw	2	螺钉M10×10
05	M3038002003	Spacer		调整轴套
06	M3038002004	Seal, dust	2	防尘圈
07	GB893.1-85	Ring, snap	2	挡圈52
08	M3038002005	Guide sleeve	2	导向套
09	M3038002006	Ring, snap	2	挡圈
10	M3038002007	Shim	2	挡片d32
11		U-ring	2	U型密封圈d32
12	GB1235-76	O-ring	2	O型密封圈70×3.1
13	M3038002008	Bushing	2	轴套
14	M3038002200	Body, piston ass'y	2	活塞体总成
15	M3038002300	Tube, cylinder ass'y	2	缸筒总成
16		Yx-ring	4	Yx密封圈D70
17	M3038002009	Wearing	2	支承环
18	M3038002010	Bushing	2	轴套
19	M3038002400	Pin	2	倾斜缸销轴
20		Ring, snap	2	挡圈47
21		Bushing	2	关节轴承
22	GB5782-86	Bol t	2	螺栓M14×55
23	GB6170-86	Nut	2	螺母M14
24	GB93-87	Washer, lock	2	垫圈14
25	M3038002400	Pin	2	倾斜缸销轴
26	GB93-87	Washer, lock	2	垫圈10
27	GB5786-86	Bol t	2	螺栓M10×1.25×20

### 倾斜油缸/TILT CYLINDER

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

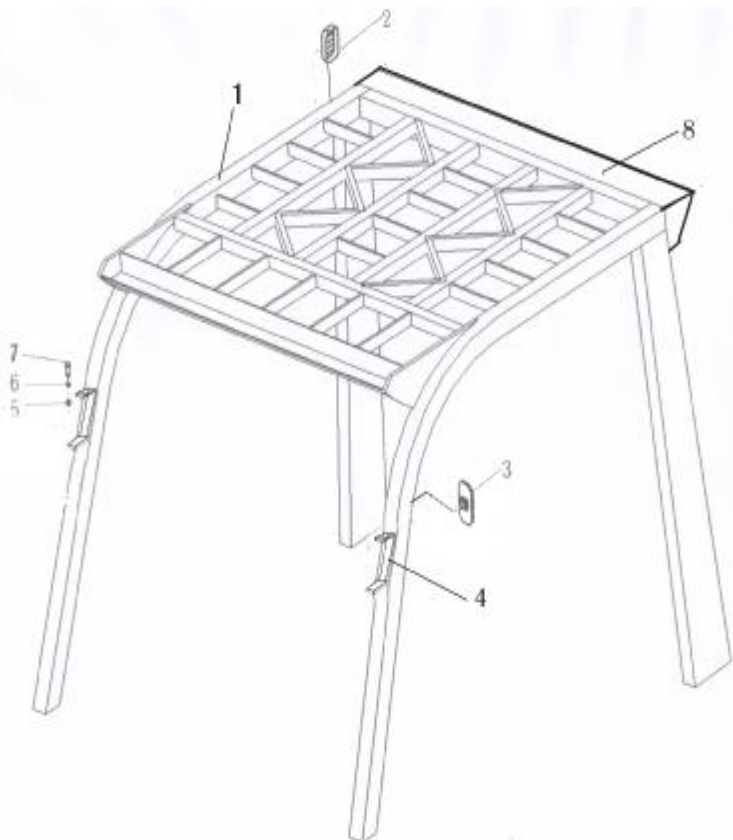


倾斜油缸选用表 TILT CYLINDER OPTIONAL PARTS

序号 Item No.	A		05
前/后倾角 Tilt angle	倾斜油缸 (右) Tilt cylinder R.H.	倾斜油缸 (左) Tilt cylinder L.H.	调整轴套 Spacer
6° ~ 12°	M308436X12	M308536X12	
6° ~ 6°	M308436X06	M308536X06	
3° ~ 6°	M308433X06	M308533X06	
3° ~ 3°	M308433X03	M308533X03	
6° ~ 10°	M308436X10	M308536X10	

护顶架/OVERHEAD GUARD

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3036107000	Overhead guard	1	安全架总成
—	M2036107000	Overhead guard	1	安全架总成
02	M3036107400	Cover	2	进气罩
03	EQ140	Back-mirror	2	倒车镜
04	M3036107002	head light bracket	2	前灯支架
05	GB5783-86	Bolt	6	螺栓M8×16
06	GB93-87	Washer, lock	6	垫圈8
07	GB6170-86	Bolt	2	螺母M8
08	M3036107300	tail lamp bracket	2	后灯罩

护顶架/OVERHEAD GUARD

FD20~35(T)-MG  
 FD20~35(T)-MW  
 FG(L)20~35(T)-MG  
 FG(L)20~35(T)-MW

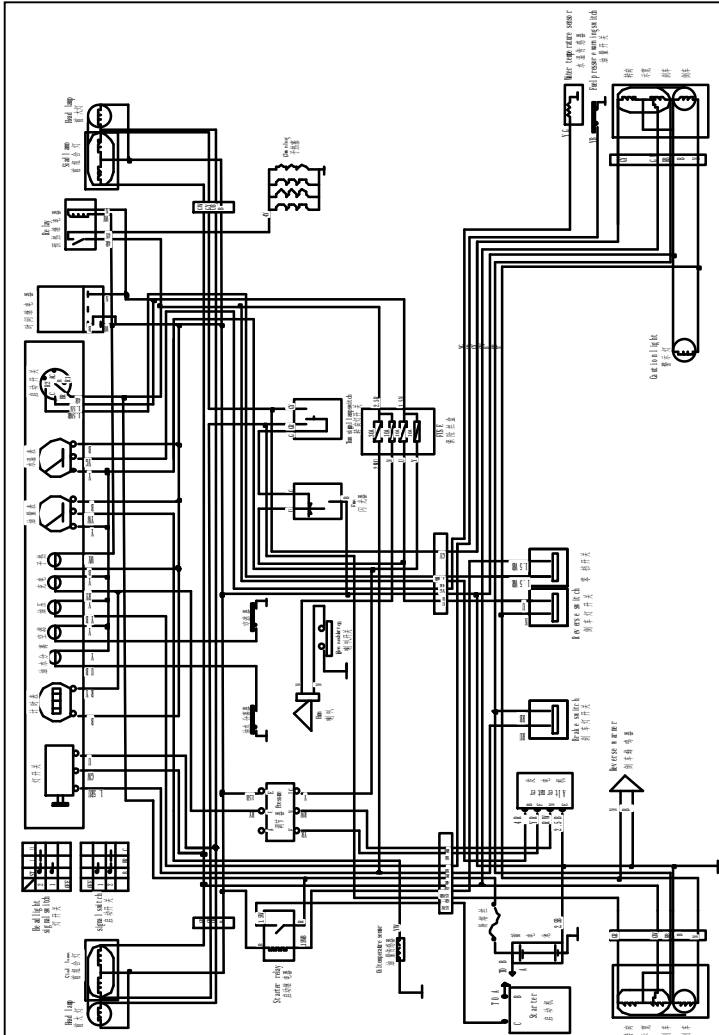
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序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	M3039100021	Decal 使用须知标牌	1	
02	M3039100004	Decal, safety 安全标志标牌	2	
03	M2039100012	Name plate 叉车装卸车铭牌	1	2t
—	M2539100012	Name plate 叉车装卸车铭牌	1	2.5t
—	M3039100012	Name plate 叉车装卸车铭牌	1	3t
—	M3539100012	Name plate 叉车装卸车铭牌	1	3.5t
04	M2039100007	Decal, capacity chart 负荷曲线图标牌	1	2t
—	M2539100007	Decal, capacity chart 负荷曲线图标牌	1	2.5t
—	M3039100007	Decal, capacity chart 负荷曲线图标牌	1	3t
—	M3539100007	Decal, capacity chart 负荷曲线图标牌	1	3.5t
05	M3039100015	Decal, fuel 供油系统标牌	1	
06	M3039100008	Decal, lubrication chart 润滑系统图标牌	1	
—	M2039100008	Decal, lubrication chart 润滑系统图标牌	1	
07	M3039600016	fuel plate 燃油标牌	1	
08	M3039100009	Decal, caution 启动前检查要领	1	
09	M3039100002	gas pressure plate 气压标牌	2	
10	M3039100022	Tilt plate 倾斜标牌	1	



电气系统 / ELECTRIC SYSTEM

V  
FD20/25/30/35-MGA1-6  
FD20/25/30/35-MGB1-6  
FD20/25/30/35-MGC1

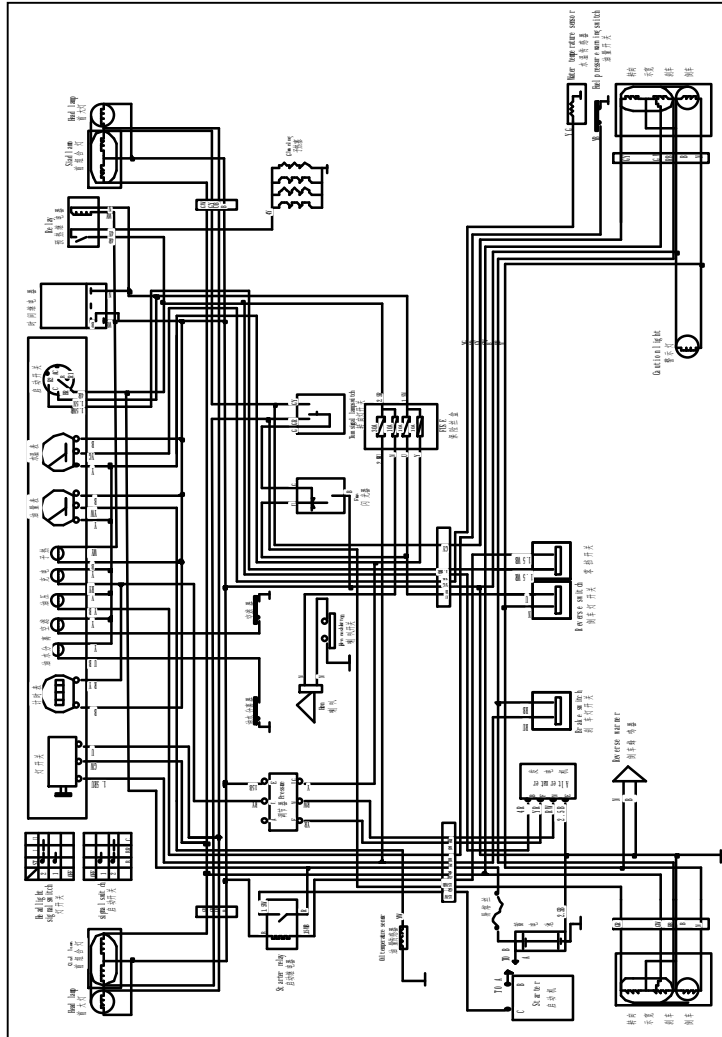


序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y	2	前大灯
2	Z-QX 85X85	Fornt combination lamp ass'y	2	12V 前组合灯
3	Z-HXF 220X55	Rear combination lamp ass'y	2	12V 后组合灯
4	6-QW-100	Battery	1	蓄电池
5	M3032401000	Wiring harness	1	主线束
6	HZB908	Combination	1	组合仪表
7	CYPC-012	Combination	1	组合仪表 选配
8	DL125	Horn	1	喇叭
9	JSG154	Flasher Unit	1	闪光器
10	JK808	Switch, turn signal	1	转向灯开关
11	JK411	Key switch	1	启动开关
12	JK211	Lamp switch	1	灯开关
13	WG424(R1/2)	Oil warning switch	1	油温报警器
14	MAX100	Control box	1	控制盒
15	DJB-12B	Back buzzer	1	倒车蜂鸣器
16	JFT147-14B	Adjustment	1	调节器
17	WD100X90	Tail lamp	1	倒车后照灯
18	LTD153	Caution light	1	警示灯 选用
19	SARL-112DM	Relay	1	启动继电器
20	SARL-112DM	Relay	1	预热继电器
21	SJ 12V	Time relay	1	时间继电器
22	BX9052-D30A	Fusibl link wire	1	易熔丝
23	YSFQ1	Sensor	1	油水分离器
24	JK208A	Reverse switch	1	倒车灯开关 变速箱配
25	JK205	Brake switch	1	制动灯开关
26	JK208A	Neutral start switch	1	空档启动开关 变速箱配
27	QD1315A	Starter	1	起动机 发动机配
28	JF131A	Alternator	1	发电机 发动机配
29	HL262	Oil quality sensor	1	油量传感器
30	YG-2(Z1/4)	Fuel pressure warning switch	1	油压报警器 发动机配
31	WG-2	Water temperature sensor	1	水温传感器 发动机配



电气系统 / ELECTRIC SYSTEM

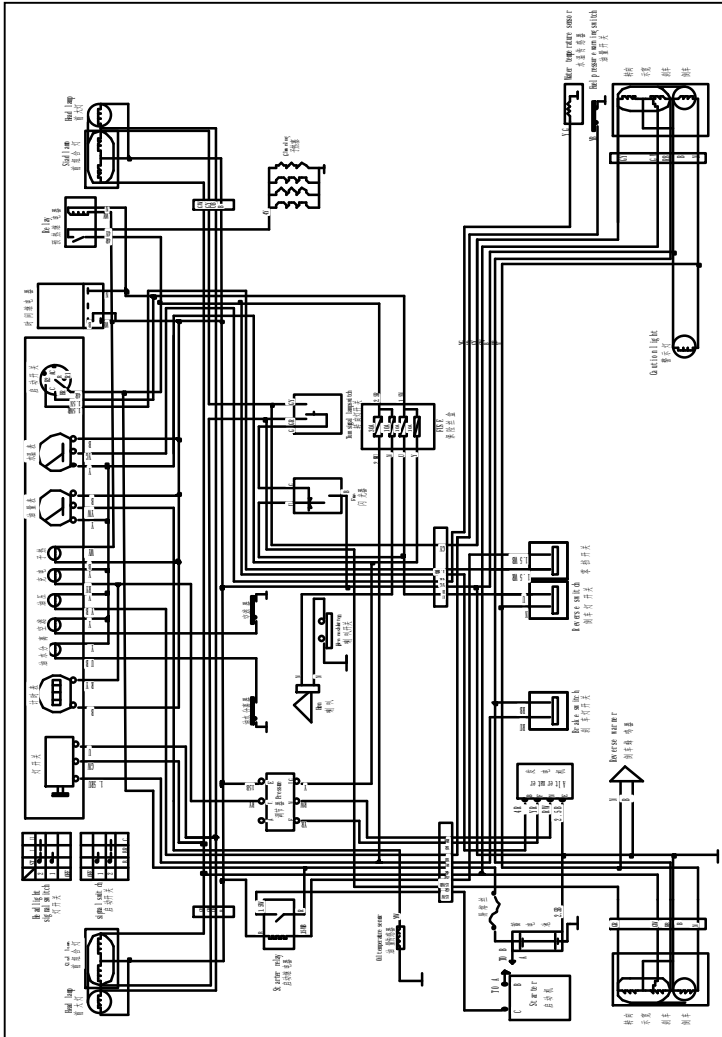
V  
FG20/25/30/35-MGA1  
FGL20/25/30/35-MGA1



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y	2	前大灯
2	Z-QX 85X85	Fornt combination lamp ass'y	2	12V 前组合灯
3	Z-HXF 220X55	Rear combination lamp ass'y	2	12V 后组合灯
4	6-QW-60	Battery	1	蓄电池
5	M2012401000	Wiring harness	1	FG20/25 主线束
6	HZB908R	Combination	1	组合仪表
7		Vaporization	1	发动机配 汽化器
8	DL125	Horn	1	喇叭
9	JSG154	Flasher Unit	1	闪光器
10	JK802	Switch, turn signal	1	转向灯开关
11	JK411	Key switch	1	启动开关
12	JK211	Lamp switch	1	灯开关
13	WG424(R1/2)	Oil warning switch	1	油温报警器
14	MAX105	Control box	1	控制盒
15	DJB-12B	Back buzzer	1	倒车蜂鸣器
16		Auto-choke relay	1	发动机配 汽化器继电器
17	WD100X90	Tail lamp	1	后灯
18	LTD153	Caution light	1	警示灯 选用
19	SARL-112DM	Relay	1	启动继电器
20	SARL-112DM	Ignition relay	1	点火继电器
21		Horn push-button	1	方向盘配 喇叭按钮
22	BX9052-D30A	Fusibl link wire	1	易熔丝
23		Current separator	1	分电器
24	JK208A	Reverse switch	1	变速箱配 倒车灯开关
25	JK205	Brake switch	1	制动灯开关
26	JK208A	Neutral start switch	1	变速箱配 空档启动开关
27	QDY1253	Starter	1	发动机配 起动机
28	JF131A	Alternator	1	发动机配 发电机
29	HL262	Oil quality sensor	1	油量传感器
30		Fuel pressure warning switch	1	发动机配 油压报警器
31	WG-2(M12×1.25)	Water temperature sensor	1	组合仪表配 水温传感器

电气系统 / ELECTRIC SYSTEM

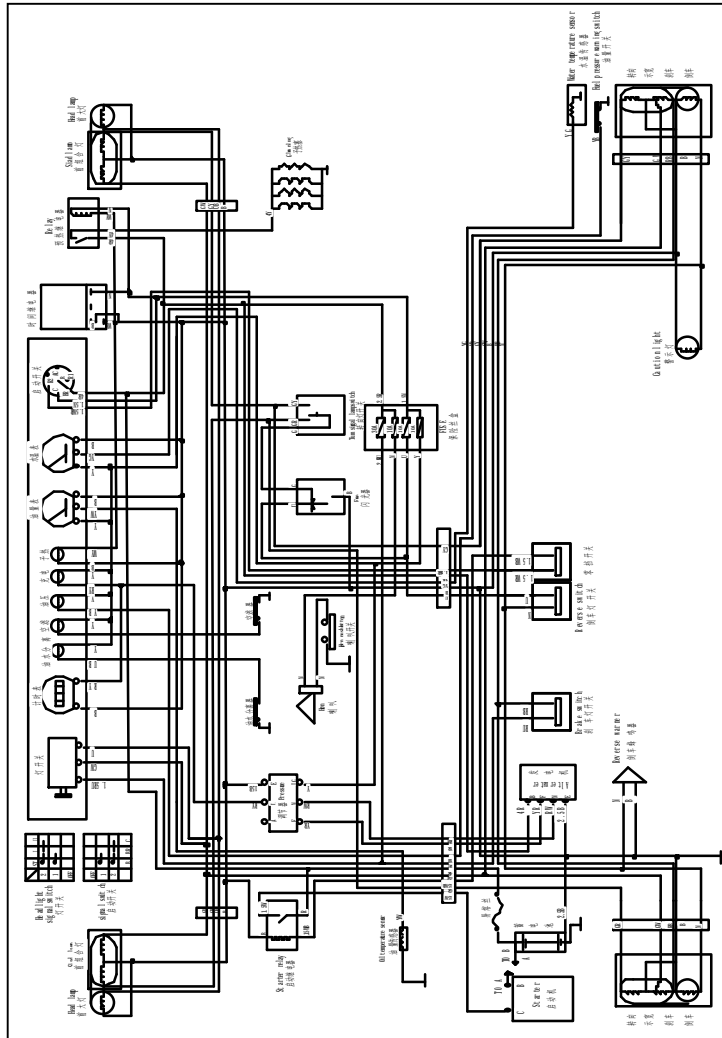
V  
 FG20/25/30/35-MGA1  
 FGL20/25/30/35-MGA1



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
32		Ignition winding 点火线圈	1	发动机配
33		Spark plug 火花塞	1	发动机配

电气系统 / ELECTRIC SYSTEM

V  
FD20/25/30/35-MWA5

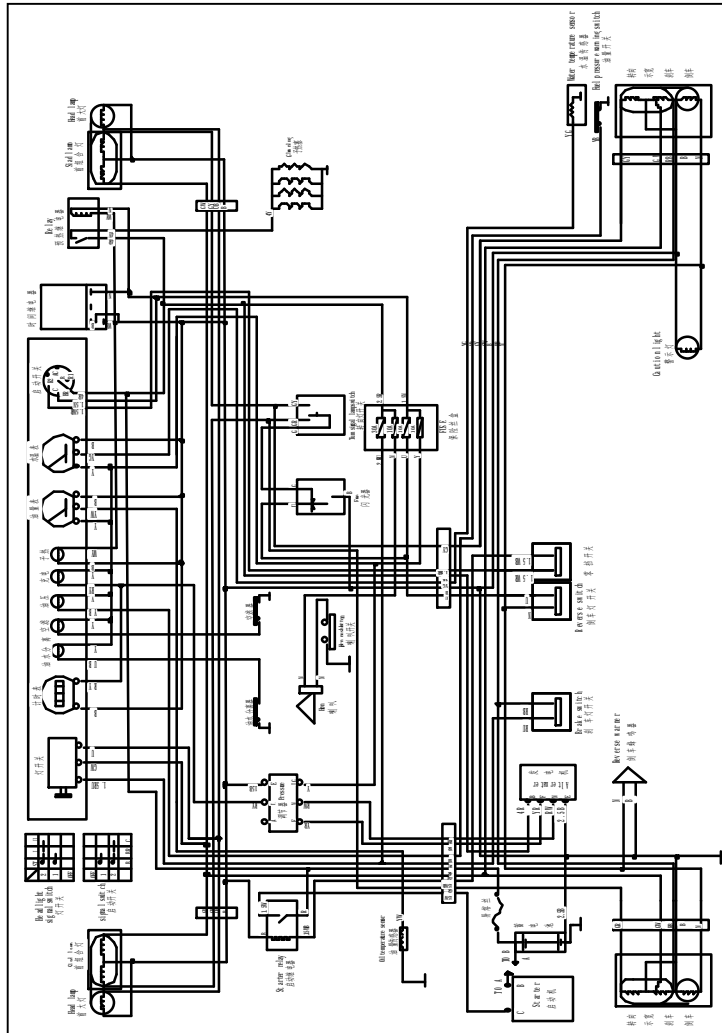


序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y	2	前大灯
2	Z-QX 85X85	Front combination lamp ass'y	2	12V 前组合灯
3	Z-HXF 220X55	Rear combination lamp ass'y	2	12V 后组合灯
4	6-QW-100	Battery	1	蓄电池
5	M3032402000	Wiring harness	1	主线束
6	HZB908	Combination	1	组合仪表
7	CYPC-012	Combination	1	组合仪表
8	DL125	Horn	1	喇叭
9	JSG154	Flasher Unit	1	闪光器
10	JK802	Switch, turn signal	1	转向灯开关
11	JK411	Key switch	1	启动开关
12	JK211	Lamp switch	1	灯开关
13	WG424(R1/2)	Oil warning switch	1	油温报警器
14	MAX102	Control box	1	控制盒
15	DJB-12B	Back buzzer	1	倒车蜂鸣器
16	119005-77050	Preheater	1	发动机配 预热塞
17	WD100X90	Tail lamp	1	后灯
18	LTD153	Caution light	1	警示灯 选用
19	SARL-112DM	Relay	1	启动继电器
20	SARL-112DM	Relay	1	预热继电器
21	119211-77920	Time relay	1	发动机配 时间继电器
22	SJ 12V	Time relay	1	时间继电器
23		Shut-down relay	1	停车继电器
24	JK208A	Reverse switch	1	变速箱配 倒车灯开关
25	JK205	Brake switch	1	制动灯开关
26	JK208A	Neutral start switch	1	变速箱配 空档启动开关
27	123900-77010	Starter	1	发动机配 起动机 12V 3KW
28	119836-77201	Alternator	1	发动机配 发电机 12V 40A
29	HL262	Oil quality sensor	1	油量传感器
30	114250-39450	Fuel pressure warning switch	1	发动机配 油压报警器
31	WG-2	Water temperature sensor	1	组合仪表配 水温传感器



电气系统 / ELECTRIC SYSTEM

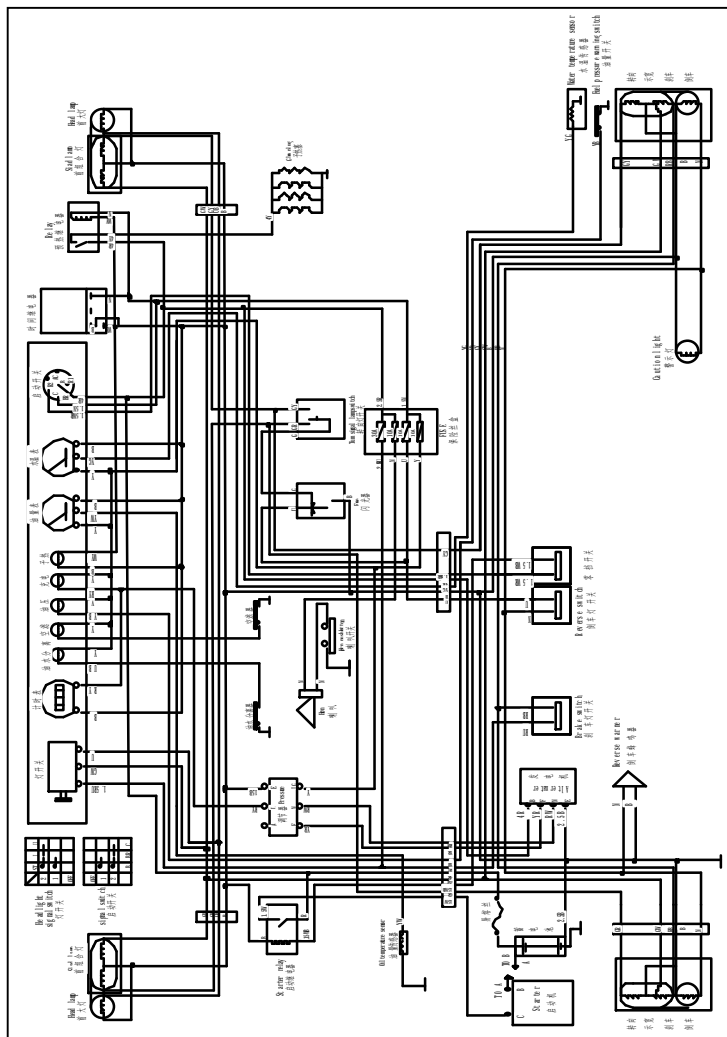
V  
FD20/25/30/35T-MWA1



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y 前大灯	2	
2	Z-QX 85X85	Fornt combination lamp ass'y 前组合灯	2	12V
3	Z-HXF 220X55	Rear combination lamp ass'y 后组合灯	2	12V
4	6-QW-100	Battery 蓄电池	1	
5	M3042403000	Wiring harness 主线束	1	
6	HZB908W	Combination 组合仪表	1	
7		Fuel outoff swtich 燃油切断开关	1	发动机配
8	DL125	Horn 喇叭	1	
9	JSG154	Flasher Unit 闪光灯	1	
10	JK802	Switch, turn signal 转向灯开关	1	
11	JK411	Key switch 启动开关	1	
12	JK211	Lamp switch 灯开关	1	
13	WG424(R1/2)	Oil warning swtich 油温报警器	1	
14	MAX103	Control box 控制盒	1	
15	DJB-12B	Back buzzer 倒车蜂鸣器	1	
16	H24C2-40601	Control box 控制盒	1	
17	WD100X90	Tail lamp 后灯	1	
18	LTD153	Caution light 警示灯	1	选用
19	SARL-112DM	Relay 启动继电器	1	
20	SARL-112DM	Relay 预热继电器	1	
21	8970405010	Time relay 时间继电器	1	发动机配
22	8943197002	Preheater 预热塞	1	
23	BX9052-D30A	Fusibl link wire 易熔丝	1	
24	SARL-112DM	Lgnition relay 点火继电器	1	
25	JK205	Brake switch 制动灯开关	1	
26		Horn push-button 喇叭按钮	1	方向盘配
27	8944532120	Starter 起动机 12V 2KW	1	发动机配
28	5812003411	Alternator 发电机 12V 35A	1	发动机配
29	HL262	Oil quality sensor 油量传感器	1	
30	5824100122	Fuel pressure warning swtich 油压报警器	1	发动机配
31	WG-2(16×1.5)	Water temperature sensor 水温传感器	1	发动机配

电气系统 / ELECTRIC SYSTEM

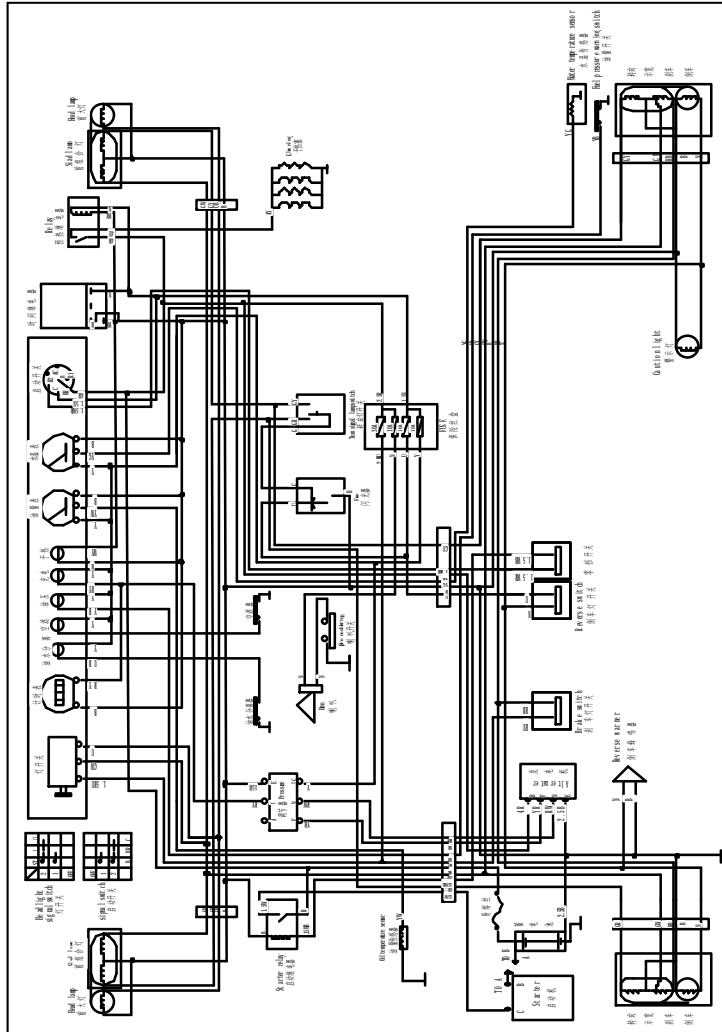
V  
FD20/25/30/35T-MWA1



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
32	JK208	Direction switch 方向开关	1	
33	CYPC-012	Combination 组合仪表	1	选配

电气系统 / ELECTRIC SYSTEM

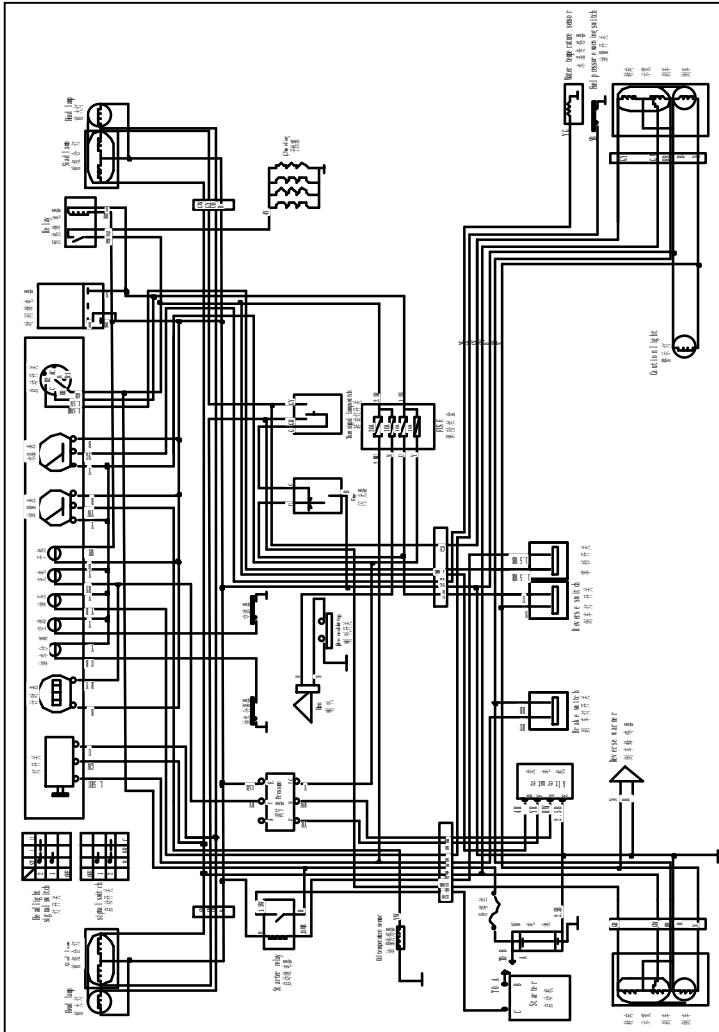
FD20/25/30/35T-MWA5



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y	2	
2	Z-QX 85X85	Fornt combination lamp ass'y	2	12V
3	Z-HXF 220X55	Rearcombination lamp ass'y	2	12V
4	6-QW-100	Battery	1	
5	M3032402000	Wiring harness	1	
6	HZB908W	Combination	1	
7	CYPC-012	Combination	1	选配
8	DL125	Horn	1	
9	JSG154	Flasher Unit	1	
10	JK802	Switch, turn signal	1	
11	JK411	Key switch	1	
12	JK211	Lamp switch	1	
13	WG424(R1/2)	Oil warning switch	1	
14	MAX102		1	
15	DJB-12B	Back buzzer	1	
16	119005-77050	Preheater	1	发动机配
17	WD100X90	Tail lamp	1	
18	LTD153	Caution light	1	选用
19	SARL-112DM	Relay	1	
20	SARL-112DM	Relay	1	
21	119211-77920	Time relay	1	发动机配
22	SJ 12V	Time relay	1	
23		Shut-down relay	1	
24	H24C2-40601	Control box	1	
25	JK205	Brake switch	1	
26	JK208	Direction switch	1	
27	123900-77010	Starter	1	发动机配
28	119836-77201	Alternator	1	发动机配
29	HL262	Oil quality sensor	1	
30	114250-39450	Fuel pressure warning switch	1	发动机配
31	WG-2	Water temperature sensor	1	发动机配

电气系统 / ELECTRIC SYSTEM

V  
FD20/25/30/35T-MWA5

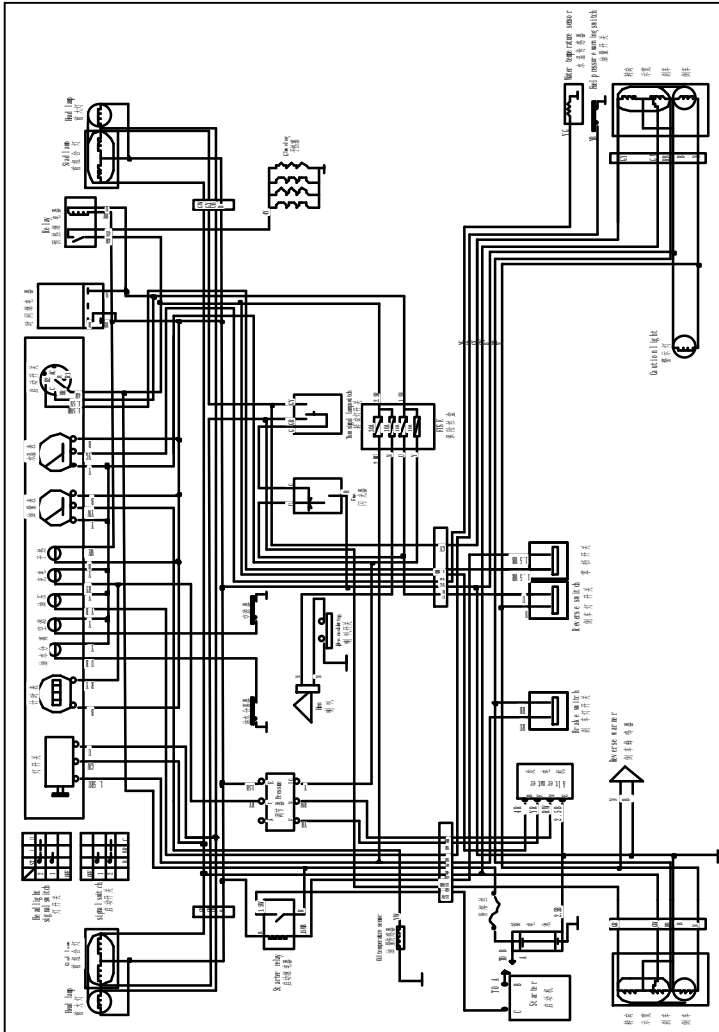


序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
32		Horn push-button 喇叭按钮	1	方向盘配
33	SARL-112DM	Ignition relay 点火继电器	1	
34	BX9052-D30A	Fusibl link wire 易熔丝	1	
35	119233-77930	Shut-down electromagnet 停车电磁铁 12V	1	发动机配
36	230C2-4421	Di ode 二极管	1	发动机配
37		Fuel oil supply pump 燃油泵	1	发动机配



电气系统 / ELECTRIC SYSTEM

V  
FD20/25/30/35T-MGA7、8  
FD20/25/30/35T-MGC1、2



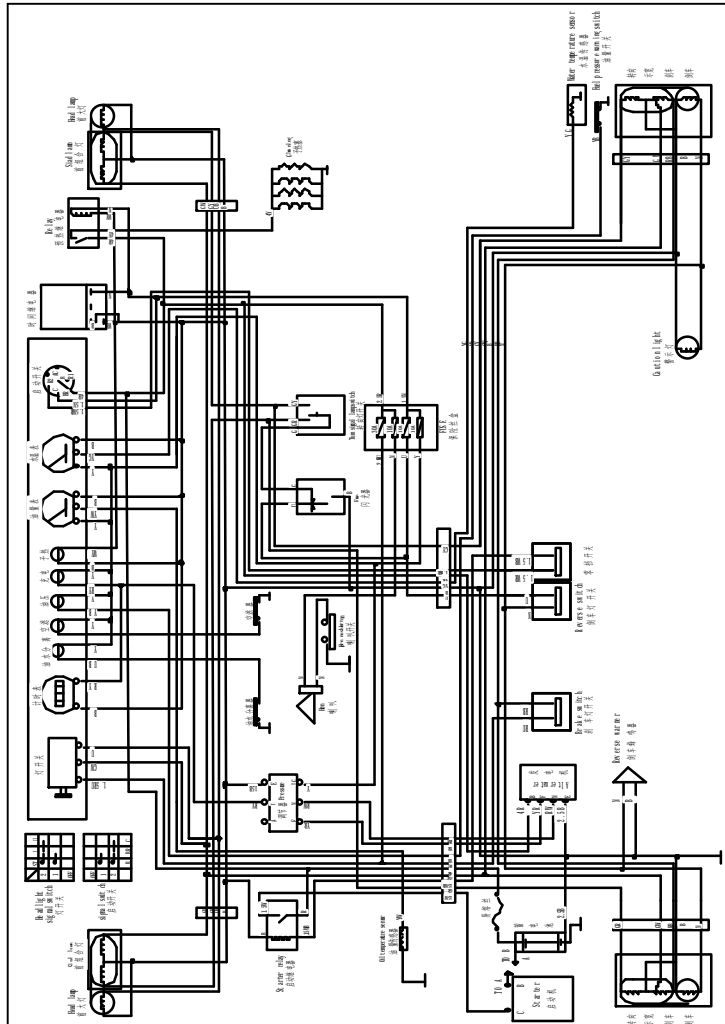
序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y 前大灯	2	
2	Z-QX 85X85	Fornt combination lamp ass'y 前组合灯	2	12V
3	Z-HXF 220X55	Rearcombination lamp ass'y 后组合灯	2	12V
4	6-QW-100	Bettery 蓄电池	1	
5	M3032401000	Wiring harness 主线束	1	
6	HZB908W	Combination 组合仪表	1	
7	CYPC-012	Combination 组合仪表	1	选配
8	DL125	Horn 喇叭	1	
9	JSG154	Flasher Unit 闪光灯	1	
10	JK808	Switch, turn signal 转向灯开关	1	
11	JK411	Key switch 启动开关	1	
12	JK211	Lamp switch 灯开关	1	
13	WG424(R1/2)	Oil warning swi tch 油温报警器	1	
14	MAX100	Control box 控制盒	1	
15	DJB-12B	Back buzzer 倒车蜂鸣器	1	
16	JFT147-14B	Adjustment 调节器	1	
17	WD100X90	Tail lamp 倒车后照灯	1	
18	LTD153	Caution light 警示灯	1	选用
19	SARL-112DM	Relay 启动继电器	1	
20	SARL-112DM	Relay 预热继电器	1	
21	SJ 12V	Relay 时间继电器	1	
22	BX9052-D30A	Fusibl link wire 易熔丝	1	
23	YSF01	Sensor 油水分离器	1	
24	H24C2-40601	Control box 控制盒	1	
25	JK205	Brake switch 制动灯开关	1	
26	JK208	Directi on swi tch 方向开关	1	
27	QD1315A	Starter 起动机	1	发动机配
28	JF131A	Al ternator 发电机	1	发动机配
29	HL262	Oil quality sensor 油量传感器	1	
30	YG-2(Z1/4)	Fuel pressure warning switch 油压报警器	1	发动机配
31	WG-2	Water temperature sensor 水温传感器	1	发动机配





电气系统 / ELECTRIC SYSTEM

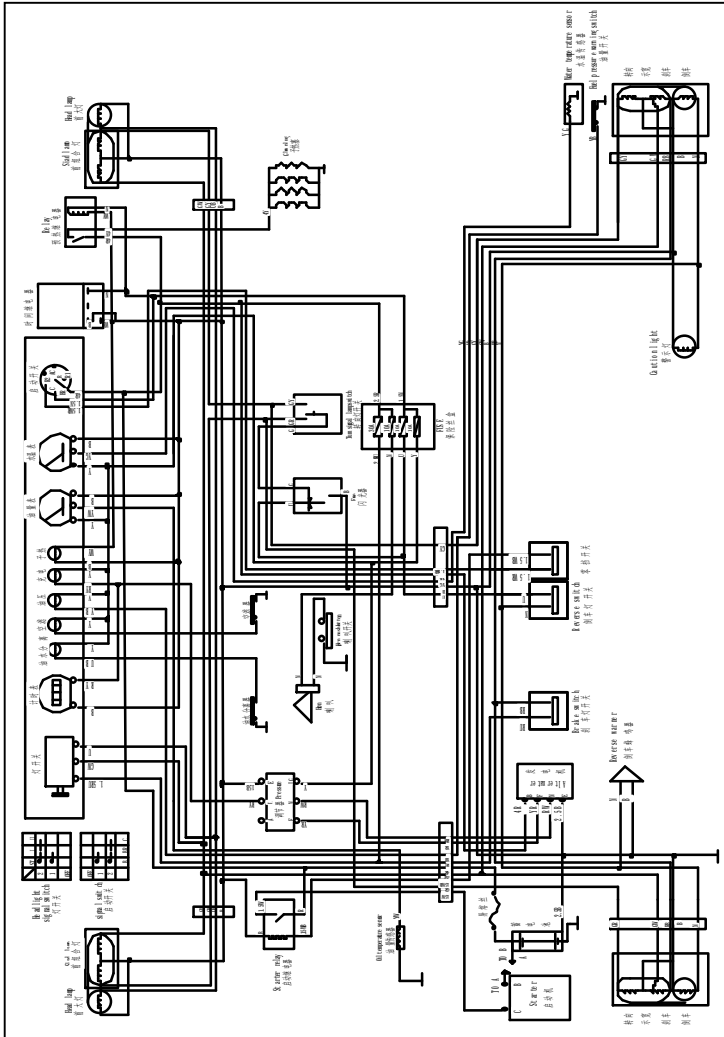
V  
FG20/25/30/35T-MWA1



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y	2	前大灯
2	Z-QX 85X85	Fornt combination lamp ass'y	2	12V 前组合灯
3	Z-HXF 220X55	Rear combination lamp ass'y	2	12V 后组合灯
4	6-QW-60	Battery	1	蓄电池
5	M2012401000	Wiring harness	1	FG20/25 主线束
6	HZB908RW	Combination	1	组合仪表
7		Vaporization	1	汽化器 发动机配
8	DL125	Horn	1	喇叭
9	JSG154	Flasher Unit	1	闪光器
10	JK802	Switch, turn signal	1	转向灯开关
11	JK411	Key switch	1	启动开关
12	JK211	Lamp switch	1	灯开关
13	WG424(R1/2)	Oil warning switch	1	油温报警器
14	MAX105	Control box	1	控制盒
15	DJB-12B	Back buzzer	1	倒车蜂鸣器
16		Auto-choke relay	1	汽化器继电器 发动机配
17	WD100X90	Tail lamp	1	后灯
18	LTD153	Caution light	1	警示灯 选用
19	SARL-112DM	Relay	1	启动继电器
20	SARL-112DM	Ignition relay	1	点火继电器
21		Horn push-button	1	喇叭按钮 方向盘配
22	BX9052-D30A	Fusable link wire	1	易熔丝
23	22100-60K10	Current separator	1	分电器
24	JK208A	Reverse switch	1	倒车灯开关 变速箱配
25	JK205	Brake switch	1	制动灯开关
26	JK208	Direction switch	1	方向开关
27	23300-K9160	Starter	1	起动机 发动机配
28	23100-50K10	Alternator	1	发电机 发动机配
29	HL262	Oil quality sensor	1	油量传感器
30	25240-89911	Fuel pressure warning switch	1	油压报警器 发动机配
31	WG-2(M12×1.25)	Water temperature sensor	1	水温传感器 组合仪表配

电气系统 / ELECTRIC SYSTEM

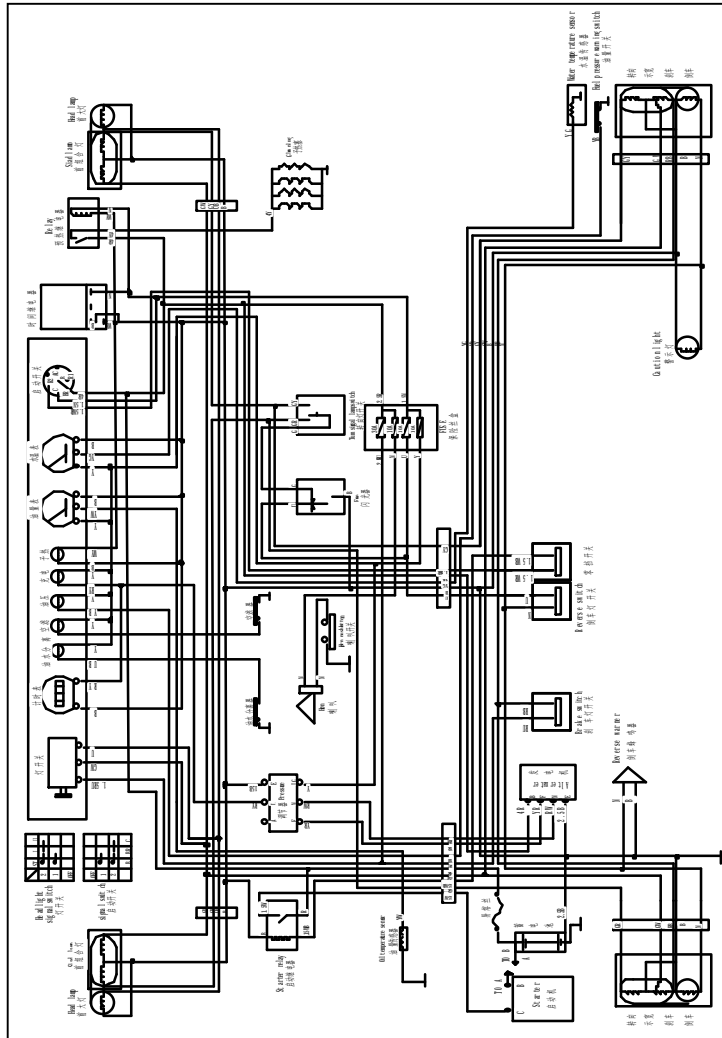
V  
FG20/25/30/35T-MWA1



序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
32	22020-55K10	Ignition winding 点火线圈	1	发动机配
33	22401-W8914	Spark plug 火花塞	1	发动机配
34	H24C2-40601	Control box 控制盒	1	

电气系统 / ELECTRIC SYSTEM

V  
FG20T/25/30/35-MGA1  
FGL20/25/30/35T-MGA1

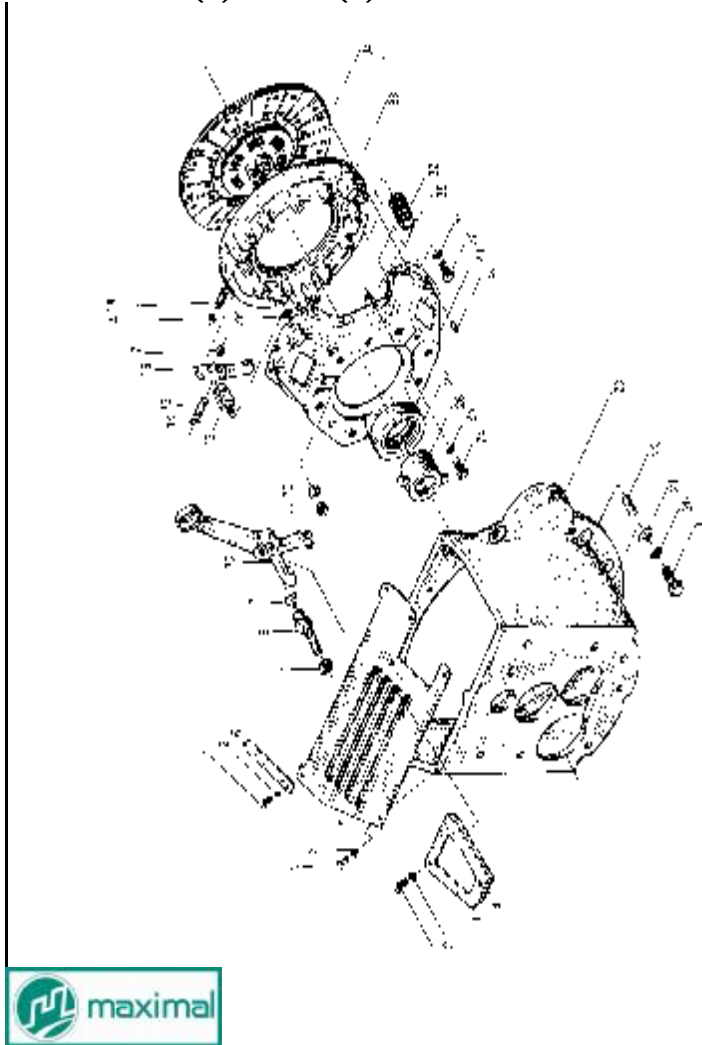


序号 Item No	图号 Part No	零部件名称 Description	件数 Q'ty	备注 Remark
1	WD107X84-1	Head lamp ass'y	2	前大灯
2	Z-QX 85X85	Fornt combination lamp ass'y	2	12V 前组合灯
3	Z-HXF 220X55	Rear combination lamp ass'y	2	12V 后组合灯
4	6-QW-60	Battery	1	蓄电池
5	M2012401000	Wiring harness	1	FG20/25 主线束
6	HZB908R	Combination	1	组合仪表
7		Vaporization	1	汽化器 发动机配
8	DL125	Horn	1	喇叭
9	JSG154	Flasher Unit	1	闪光器
10	JK802	Switch, turn signal	1	转向灯开关
11	JK411	Key switch	1	启动开关
12	JK211	Lamp switch	1	灯开关
13	WG424(R1/2)	Oil warning switch	1	油温报警器
14	MAX105	Control box	1	控制盒
15	DJB-12B	Back buzzer	1	倒车蜂鸣器
16		Auto-choke relay	1	汽化器继电器 发动机配
17	WD100X90	Tail lamp	1	后灯
18	LTD153	Caution light	1	警示灯 选用
19	SARL-112DM	Relay	1	启动继电器
20	SARL-112DM	Ignition relay	1	点火继电器
21		Horn push-button	1	喇叭按钮 方向盘配
22	BX9052-D30A	Fusibl link wire	1	易熔丝
23		Current separator	1	分电器
24	JK208A	Reverse switch	1	倒车灯开关 变速箱配
25	JK205	Brake switch	1	制动灯开关
26	JK208	Direction switch	1	方向开关 变速箱配
27	QDY1253	Starter	1	起动机 发动机配
28	JF131A	Alternator	1	发电机 发动机配
29	HL262	Oil quality sensor	1	油量传感器
30		Fuel pressure warning switch	1	油压报警器 发动机配
31	WG-2(M12×1.25)	Water temperature sensor	1	水温传感器 组合仪表配



### 离合器/CLUTCH

FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	GB5783-86	Bol t 螺栓M6×12	6	2-2.5t
02	GB93-87	Washer 垫圈6	6	
03	M3033100001	Pl ate 压板	1	
04	M3033100002	Gasket 防尘垫	1	
05	M3033100003	Clutch cover 离合器盖	1	
06	M3033100004	Cl ip 线夹	2	
07	GB6171-86	Nut 螺母M12×1.25	1	
08	M3033100005	Ball-ended supporting stud, clutch release fork 分离叉球形支柱	1	
09	M3033100006	Snap ring 挡圈	1	
10	M3033100007	Clutch release fork 分离叉	1	
11	M3033100008	Nut 支承座螺母	3	
12	M3033100009	Adjusting seat 分离杆调整座	3	
13	M3033100010	Support 分离杆支架	3	
14		Snap ring 弹性挡圈	12	
15	M3033100011	Pin 前滚针轴承销	3	
16	M3033100012	Operating lever 分离杠杆	3	
17		Bearing 轴承滚针	114	
18	M3033100013	Bearing pin 后滚针轴承销	6	
19	GB5783-86	Bol t 螺栓M10×35	9	
20	GB93-87	Washer 垫圈10	9	
21	GB97.1-85	Washer 垫圈10	9	
22	GB120-85	Pin 销10×35	2	
23	M3033100014	Clutch housing 离合器壳	1	
24		Bol t 连接螺栓	3	
25	GB93-87	Spring washer 弹簧垫圈10	3	
26	M3033100015	Clutch release collar 分离轴承套筒	1	





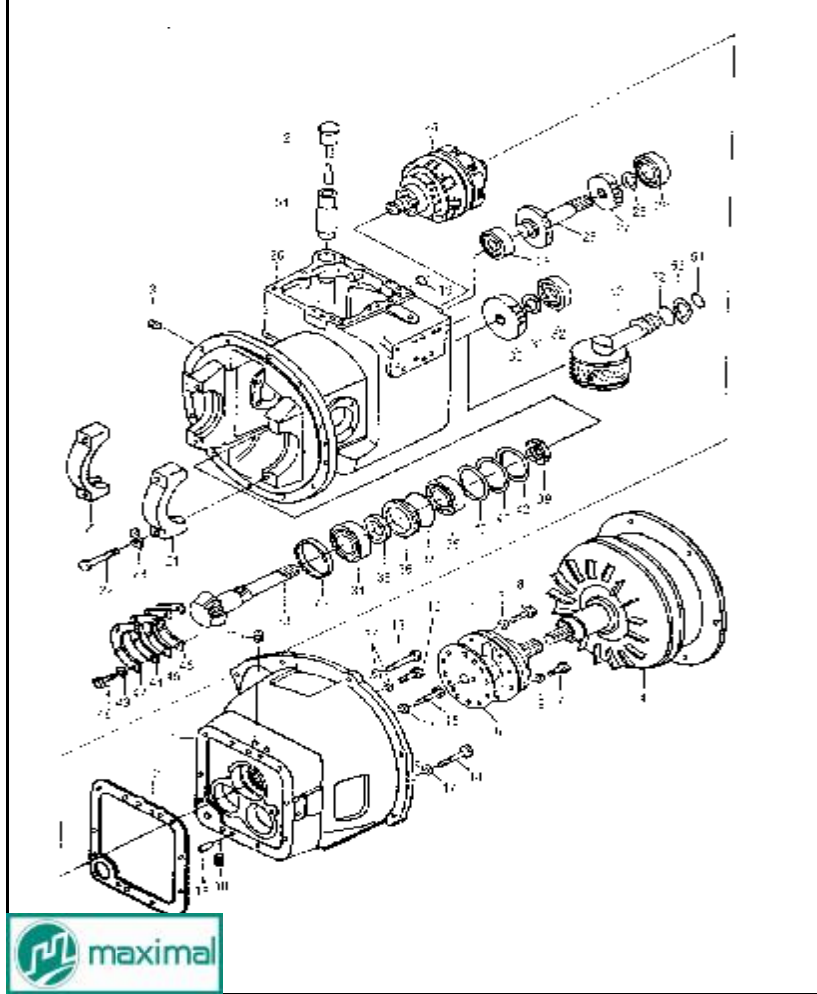
传动装置（液力式）/DRIVE UNIT (TOR-CON TYPE)

FD20-MG FD20~35(T)-MG

FD20-MW FD20~35(T)-MW

FD20T-MG FG(L)20~35(T)-MG

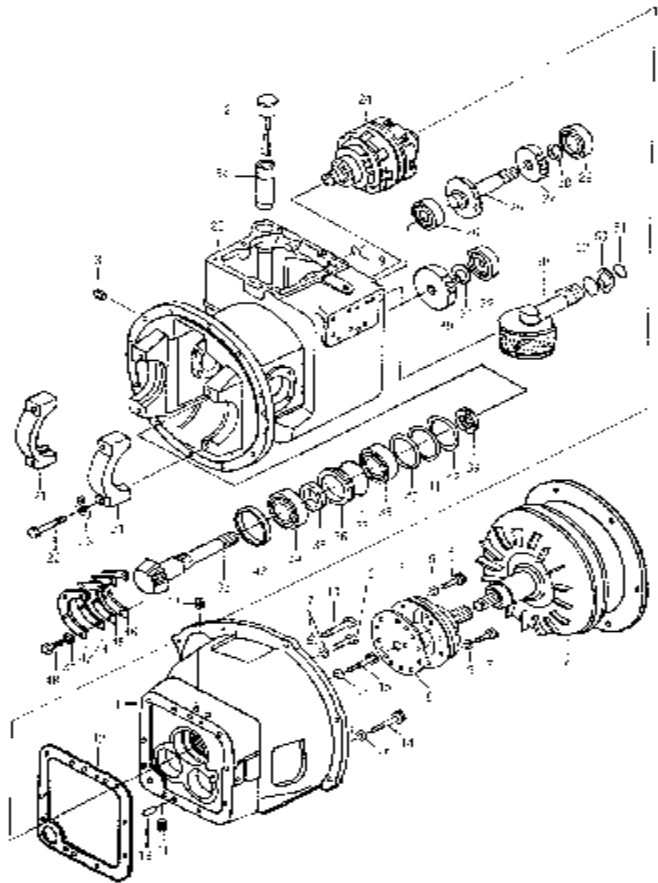
FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	YQX30A	Drive unit sub ass'y (Inc.1-54)	1	传动装置次总成 (包括1-54)
—	YQX30K	Drive unit sub ass'y (Inc.1-54)	1	传动装置次总成 (包括1-54)
—	YQX30H	Drive unit sub ass'y (Inc.1-54)	1	传动装置次总成 (包括1-55)
01	YDS30A.001	Case, tor-con	1	变矩器壳体
—	YDS30.035	Case, tor-con	1	变矩器壳体
—	YDS30K.001	Case, tor-con	1	变矩器壳体
02	YDS30.909	Cup	1	加油口盖
03	Q/ZB285-4	Pl ug	2	螺塞1/2"
04	YJH265D	Tor-con	1	变矩器
—	YJH265A	Tor-con	1	变矩器
—	YJH265K	Tor-con	1	变矩器
05	YDS30.906	Chargi ng pump	1	供油泵
06	YDS30.100	Gasket	1	垫片
07	GB5783-86	Bol t	1	螺栓M8×25
08	GB5782-86	Bol t	3	螺栓M10×35
09	YDS30.098	Packi ng	AR	垫
10	Q/ZB285-4	Pl ug	2	内六角螺塞1/2"
11	Q/ZB285-2	Pl ug	2	内六角螺塞1/4"
12	YDS30.038	Gasket	1	垫片
13	GB5785-86	Bol t	1	螺栓M10×1.25×75
14	GB5785-86	Bol t	3	螺栓M10×1.25×55
15	GB5785-86	Bol t	1	螺栓M10×1.25×50
16	GB5786-86	Bol t	4	螺栓M10×1.25×30
17	GB93-87	Washer spring	9	弹簧垫圈10
18	GB119-86	Pi n, paral lel	2	圆柱销B12×20

传动装置（液力式）/DRIVE UNIT (TOR-CON TYPE)

FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW

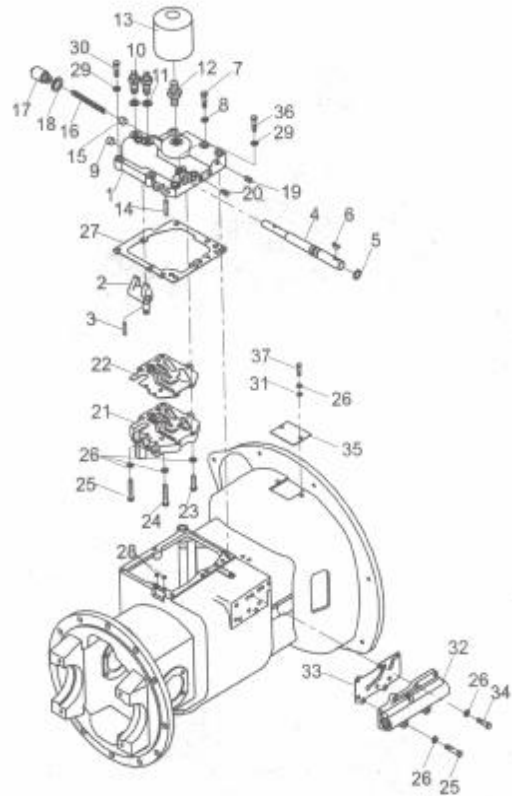


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
19	GB1235-76	O-ring O形圈15×2.4	1	
20	YDS30.001	Case, mission 液力变速箱壳体	1	
21	YDS30.072	Cap, bearing 轴承盖	2	
22	YDS30.089	Bolt, bearing cap 轴承盖螺栓	4	
23	YDS30.082	Plate, lock 锁片	4	
24	YDS30.901	Clutch, hydraulic 液力离合器总成	1	
25	YDS30.025	Shaft, idler 惰轮轴	1	
26	GB276-82	Bearing, ball 单列向心球轴承206	1	
27	YDS30.037	Gear, idler 惰轮	1	
28	GB893.1-86	Snap ring, internal 挡圈24	1	
29	GB276-82	Bearing, ball 单列向心球轴承207	1	
30	YDS30.036	Gear output 输出齿轮	1	
31	GB893.1-86	Snap ring, internal 挡圈24	1	
32	GB276-82	Bearing, ball 单列向心球轴承207	1	
33	YDS30.002	Shaft, output 输出轴	1	
34	GB279-84	Bearing, taper rollrt 单列圆滚子轴承7508	1	
35	GB279-84	Bearing, taper rollrt 单列圆滚子轴承7508	1	
36	YDS30.023	Retainer, oil seal 油封保持架	1	
37	GB1325-76	O-ring O形圈80×3.1	1	
38	YDS30.101	Seal, oil 油封	1	
39	YDS30.024	Nut, bearing 轴承螺母	1	
40	YDS30.019	Shim 垫片	AR	
41	YDS30.019	Shim 垫片	AR	
42	YDS30.019	Shim 垫片	AR	
43	YDS30.020	collar 轴环	1	
44	YDS30.022	Shim 垫片	AR	
45	YDS30.022	Shim 垫片	AR	
46	YDS30.022	Shim 垫片	AR	



传动装置（盖和微动阀）(液力式) /DRIVE UNIT(COVER & INCHING VALVE) (TOR-CON TYPE)

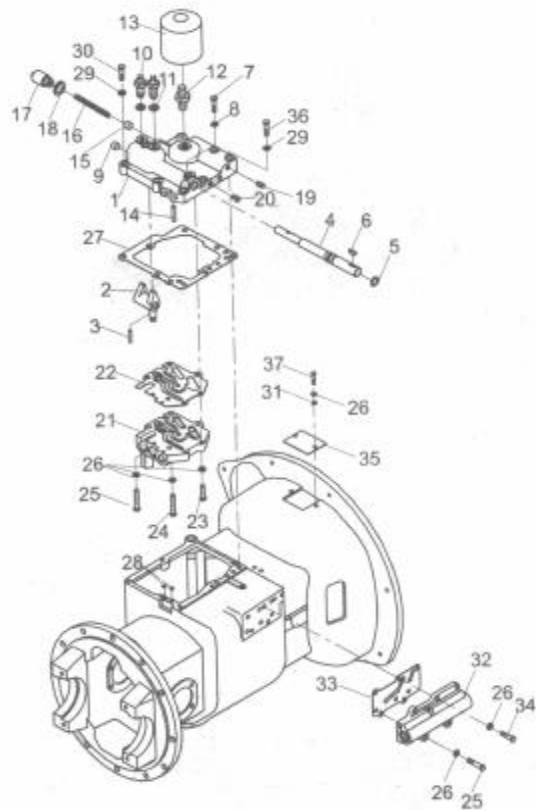
FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	1124382272	Cover, case	1	壳体盖
02	1124382291	Arm, shift	1	变速臂
03	GB879-76	Pin, lock	1	弹性圆柱销6×32
04	1124382281	Shaft, shift arm	1	变速臂轴
05	GB1235-76	O-ring	4	O形圈20×2.4
06	GB1099-79	Key, woodruff	1	半圆键5×19
07	1216382291	Bolt, set	1	固定螺栓
08	1216382561	Seal ring	9	密封圈8×14×1.5
09	1216382431	Plug	1	塞子
10	1200342451	Switch	2	开关
11	1200342461	Seal ring	2	密封圈14×24×1
12	1216382311	Nipple	1	螺纹管接头
13	1216382301	Filter, oil	1	滤油器(I)
14	GB879-86	Pin, lock	1	弹性圆柱销4×25
15	1216382321	Piston	1	活塞
16	1216382331	Spring	1	弹簧
17	1216382341	Cup	1	安全阀盖
18	1216382421	Seal ring	1	密封圈20×28×1.5
19	Q/ZB285-1	Plug	6	锥管螺纹内六角螺塞1/8"
20	Q/ZB285-2	Plug	4	锥管螺纹内六角螺塞1/4"
21	1558380211	Control valve	1	控制阀总成
22	H25S380601	Gasket	1	垫片
23	GB5782-86	Bolt	2	螺栓M8×35
24	GB5782-86	Bolt	2	螺栓M8×55
25	GB5782-86	Bolt	2	螺栓M8×50
26	GB93-87	Washer, lock	6	弹簧垫圈8
27	1124382531	Gasket	1	垫片
28	GB1235-76	O-ring	2	O形圈9×1.9

传动装置（盖和微动阀）（液力式）/DRIVE UNIT(COVER & INCHING VALVE) (TOR-CON TYPE)

FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW



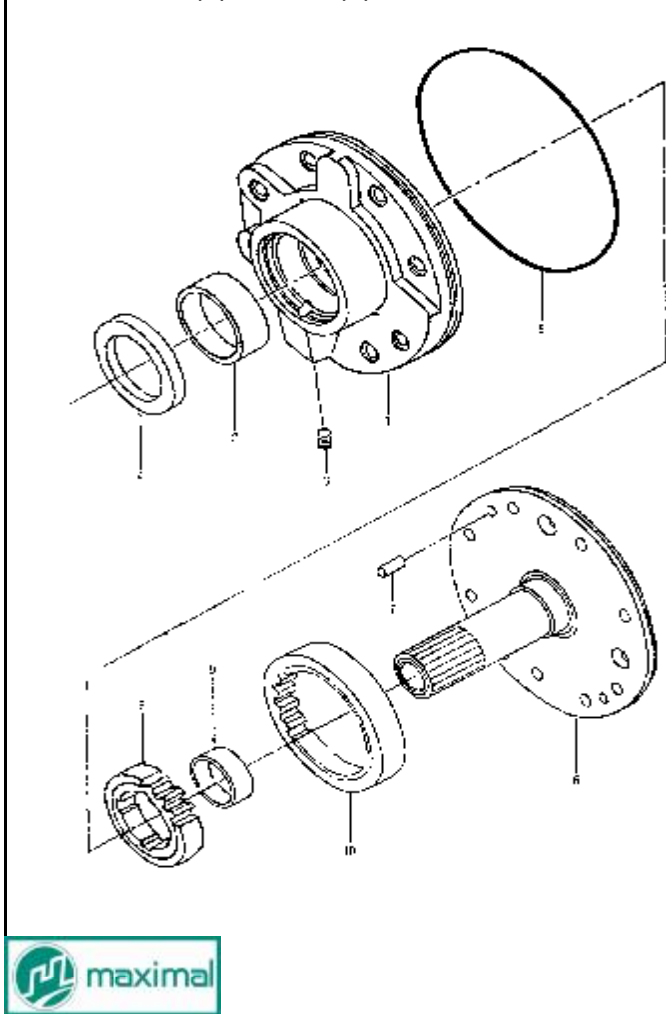
序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
29	GB5785-86	Bol t 螺栓M10×1.25×55	2	
30	GB5785-86	Bol t 螺栓M10×1.25×40	6	
31	GB93-87	Washer, spr ing 弹簧垫圈10	8	
32	1558380201	Inchi ng Val ve 微动阀总成	1	
33	YDS30.047	Gasket 衬垫	1	
34	GB5783-86	Bol t 螺栓M8×25	3	
35	1558383611	C OVER, TOR-CON 变矩器盖	1	
36	GB5785-86	Bol t 螺栓M10×1.25×55	6	
37	GB5783-86	Bol t, joi nt 螺栓M8×12	2	





供油泵（液力式）/CHARGING PUMP (TOR-CON TYPE)

FD20-MG FD20~35(T)-MG  
 FD20-MW FD20~35(T)-MW  
 FD20T-MG FG(L)20~35(T)-MG  
 FD20T-MW FG(L)20~35(T)-MW

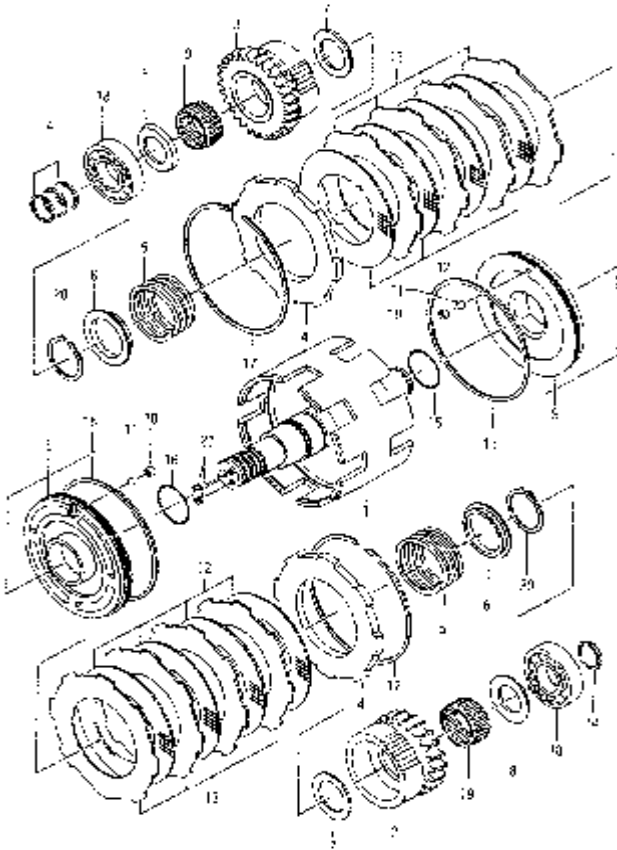


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	YDS30.906	Charging pump ass'y	1	供油泵总成
01	YDS30.091	Case , pump	1	泵壳
02	YDS30.092	Bushing	1	衬套
03	YDS30.102	Plug	1	堵头
04	GB9877.1-88	Seal ,oil	1	油封B50×68×8
05	GB3452.1-92	O-ring	1	O形圈145×3.55
06	YDS30.095	Support, starter	1	泵轮支座位
07	GB119-86	Pin, parallel	1	圆柱销6×16
08	YDS30.096	Gear, drive	1	主动齿轮
09	YDS30.097	Bushing	1	衬套
10	YDS30.098	Gear, driven	1	被动齿轮

液力离合器（液力式）/ HYDRAULIC CLUTCH (TOR-CON TYPE)

FD20-MG FD20~35(T)-MG  
FD20-MW FD20~35(T)-MW

FD20T-MG FG(L)20~35(T)-MG  
FD20T-MW FG(L)20~35(T)-MW

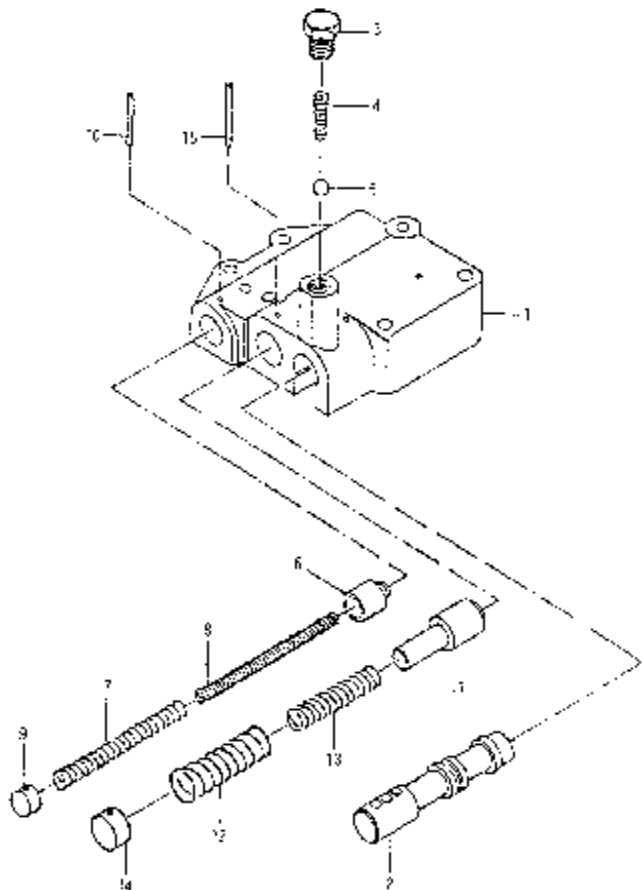


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	YDS30.901	Hydraulic clutch ass'y (Inc. 1-21)	1	离合器总成 (包括1-21)
01	YDS30.802	Shaft, input	1	输入轴总成
02	YDS30.007	Gear, forward	1	前进档齿轮
03	YDS30.008	Gear, reverse	1	后退档齿轮
04	YDS30.018	Plate, end	2	端板
05	YDS30.009	Spring, return	2	回程弹簧
06	YDS30.010	Seat, spring	2	弹簧座
07	YDS30.011	Ring, thrust	2	止推环(A)
08	YDS30.012	Ring, thrust	2	止推环(B)
B	YDS30.902	Piston ass'y(Inc. 9-11)	2	活塞总成(包括9-11)
09	YDS30.005	Piston	2	活塞
10	YDS30.006	Plug	2	塞
11	GB308-77	Ball, steel	2	钢球1/8"
12	YDS30.013	Plate, friction	8	摩擦片
13	YDS30.014	Plate, separator	8	隔片
14	YDS30.015	Ring, seal	4	密封环(A)
15	YDS30.016	Ring, seal	2	密封环(B)
16	GB1235-76	O-ring	2	O形圈40×3.5
17	YDS30.017	Snap ring	2	卡环
18	GB276-82	Bearing, ball	2	单列向心球轴承206
19	GB5846-86	Bearing, needle	2	滚针轴承K354220
20	GB894-86	Snap ring	2	轴用弹性挡圈40
21	GB78-85	Plug	2	内六角紧定螺钉M8×8

控制阀（液力式）/ CONTROL VALVE (TOR-CON TYPE)

FD20-MG FD20~35T-MG  
FD20-MW FD20~35T-MW

FD20T-MG FG(L)20~35T-MG  
FD20T-MW FG(L)20~35T-MW

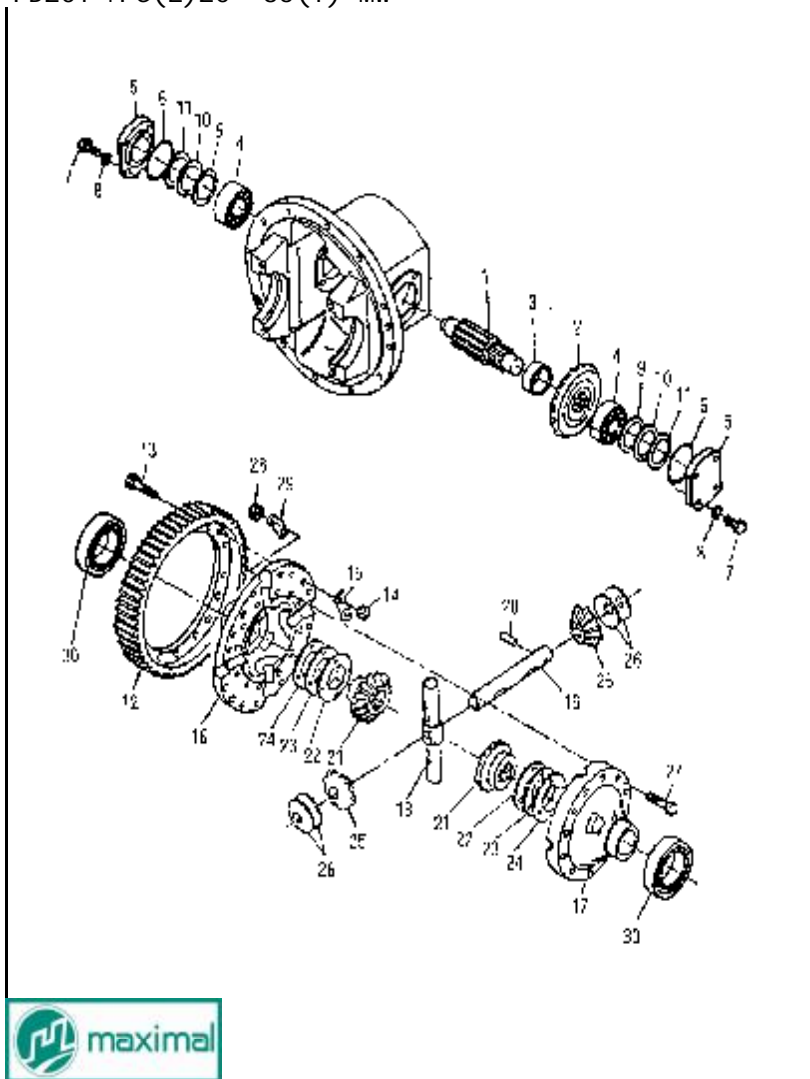


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
A	YDS30.907	Control valve ass'y (Inc. 1-15)	1	控制阀总成 (包括1-15)
01	YDS30.053	Body, valve	1	阀体
02	YDS30.054	Selector	1	滑阀
03	YDS30.055	Plug	1	油塞
04	YDS30.056	Spring	1	弹簧
05	GB308-77	Ball	1	钢球13/32"
06	YDS30.057	Piston	1	活塞
07	YDS30.058	Spring	1	弹簧
08	YDS30.059	Spring	1	弹簧
09	YDS30.060	Plug	1	塞
10	GB879-76	Pin, lock	1	弹性圆柱销4×35
11	YDS30.061	Spool	1	滑芯
12	YDS30.062	Spring	1	弹簧
13	YDS30.063	Spring	1	弹簧
14	YDS30.064	Plug	1	塞
15	GB879-76	Pin, lock	1	弹性圆柱销4×40



### 减速器和差速器/REDUCTION & DIFFERENTIAL

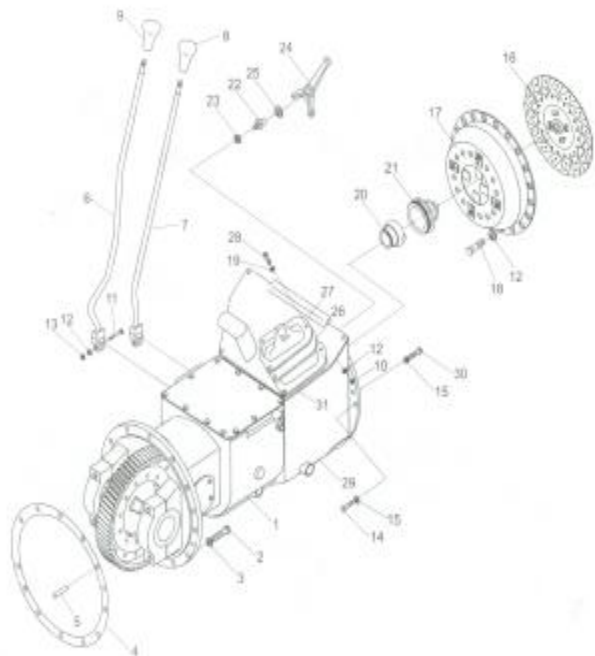
FD20-M FD20~35(T)-MG  
 FD20-M FD20~35(T)-MW  
 FD20T-I FG(L)20~35(T)-MG  
 FD20T-I FG(L)20~35(T)-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	YDS30.070	Shaft, final pinion gear	1	终端斜齿轮轴
02	YDS30.071	Gear, spiral wheel	1	螺旋伞齿轮
03	YDS30.086	Spacer	1	衬套
04	GB297-64	Bearing, taper roller	2	圆锥滚子轴承
05	YDS30.087	Cover, bearing	2	轴承盖
06	GB1235-76	O-ring	2	O形圈75×3.1
07	GB5786-86	Bol t	8	螺栓M10×1.25×25
08	GB93-87	Washer, spring	8	弹簧垫圈10
09	YDS30.090	Shim	2	垫片
10	YDS30.090	Shim	2	垫片
11	YDS30.090	Shim	2	垫片
12	YDS30.073	Gear, ring	1	齿圈
13	YDS30.077	Bol t	16	螺栓
14	GB6171-86	Nut	16	螺母M10×1.25
15	YDS30.088	Plate, lock	8	锁片
16	YDS30.074	Case, cross R. H.	1	右差速器壳
17	YDS30.075	Case, cross L. H.	1	左差速器壳
18	YDS30.080	Shaft, pi ni on	1	齿轮轴(I)
19	YDS30.081	Shaft, pi ni on	1	齿轮轴(II)
20	GB119-76	Pin parallel	1	圆柱销6d×30
21	YDS30.085	Gear, si de	2	半轴齿轮
22	YDS30.079	Washer	2	垫圈
23	YDS30.079	Washer	2	垫圈
24	YDS30.079	Washer	2	垫圈
25	YDS30.083	Gear, pi ni on	4	行星齿轮
26	YDS30.084	Washer, thruet	4	止推垫片
27	YDS30.076	Bol t	12	螺栓
28	GB52-76	Nut	12	螺母M10×1.25
29	YDS30.078	Washer, lock	6	锁紧垫片
30	GB276-64	Beari ng, bal l	2	单列向心球轴承213

传动装置安装 (机械式) /DRIVE UNIT MOUNT (CLUTCH TYPE)

FD20-MG FD20~35-MG  
 FD20-MW FD20~35-MW  
 FD20T-MG FG(L)20~35-MG  
 FD20T-MW FG(L)20~35-MW

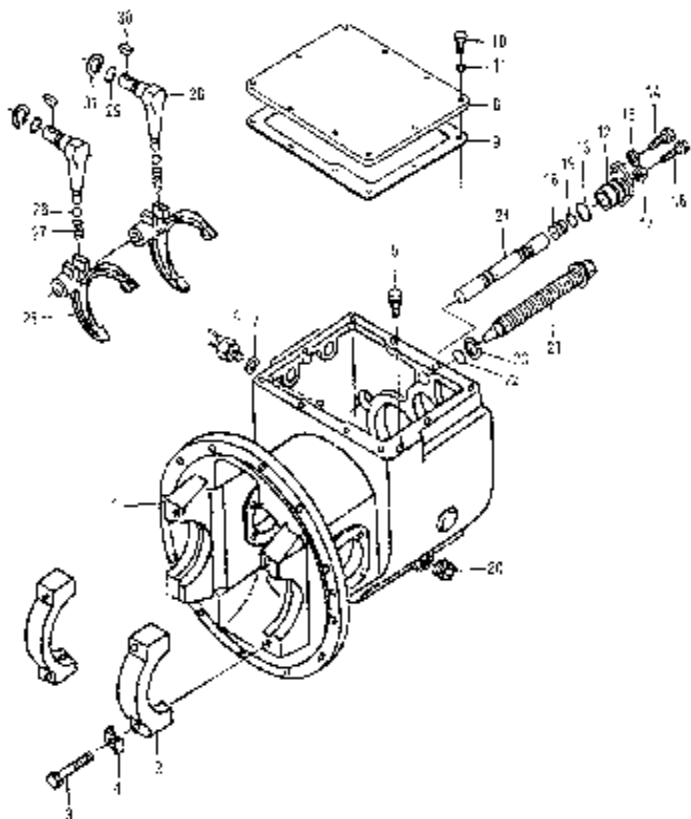


序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	1443251000	Drive unit 机械变速箱总成		
02	GB5786-86	Bol t 螺栓M12×12.5×40		
03	GB93-87	Washer, lock 垫圈		
04		Gasket 垫片		
05	GB119-86	Pi n, Paral lel 销B8×30		
06	M3034000002	Lever, speed change 变速杆		
07	M3034000001	Lever, directi on change 换向杆		
08	M3034000003	Knob, directi on 换向手柄		
09	M3034000004	Knob, speed 变速手柄		
10	GB41-86	Nut 螺母M8		
11	GB5782-86	Bol t 螺母M8×35		
12	GB93-87	Washet, lock 垫圈8		
13	GB6170-86	Nut 螺母M8		
14	GB5783-86	Bol t 螺栓M10×35		
15	GB93-87	Washet, lock 垫圈10		
16	1345310301	Clutch disc Ass'y 离合器摩擦片总成		2-2.5t
-	1345310331	Clutch disc Ass'y 离合器摩擦片总成		3-3.5t
17	1345310402	Clutch cover 离合器压盘及盖总成		2-2.5t
-	1345310431	Clutch cover 离合器压盘及盖总成		3-3.5t
18	GB5783-86	Bol t 螺栓M8×20		
19	GB97.1-85	Washer 垫圈8		
20	1553312031	Retai ner, beari ng 分离轴承套筒		2-2.5t
-	1553312041	Retai ner, beari ng 分离轴承套筒		3-3.5t
21	Z-9688211	Beari ng, thrust 分离轴承9688211		
22	1307312001	Pi vot, clutch yoke 支撑螺栓		
23	GB6171-86	Nut 螺母M12×1.25		
24	1011310122	Yoke, clutch 分离叉		
25	1011310081	Snap ri ng 弹簧挡圈		



变速箱(机械式)/TRANSMISSION(CLUTCH TYPE)(1/2)

FD20-MG FD20~35-MG  
 FD20-MW FD20~35-MW  
 FD20T-MG FG(L)20~35-MG  
 FD20T-MW FG(L)20~35-MW



序号 Item No.	图号 Part No.	零部件名称 Description	件数 Q'ty	备注 Remark
01	JDS30.001	Case, transmission 机械变速箱壳体	1	
02	JDS30.072	Cap, bearing 轴承座	2	
03	YDS30.089	Bolt 螺栓	4	
04	YDS30.082	Plate, lock 锁片	4	
05	JDS30.050	Air breather 通气塞总成	1	
06	JK611T	Switch, back-lamp 倒车灯开关	1	
07	Q/301B202-86	Seal ring 密封圈14×24×1	1	
08	JDS30.048	Cover, case 箱盖	1	
09	JDS30.049	Gasket, case cover 箱盖垫片	1	
10	GB5786-86	Bolt 螺栓M10×1.25×16	10	
11	GB93-87	Washer, lock 垫圈10	11	
12	JDS30.031	Supporter, arm shaft 轴臂	1	
13	GB1235-76	O-ring O形圈35×3.1	1	
14	GB5783-86	Bolt 螺栓M8×20	2	
15	GB93-87	Washer, lock 垫圈8	2	
16	GB5785-86	Bolt 螺栓M10×1.25×45	1	
17	GB6171-86	Nut 螺母M10×1.25	1	
18	JDS30.032	Plug 塞	1	
19	GB1235-76	O-ring O形圈20×2.4	1	
20	YDS30.104	Plug 螺塞	1	
21	JDS30.027	Bolt, side 滑动螺栓	1	
22	GB1235-76	O-ring O形圈24×2.4	1	
23	JDS30.028	Washer 外齿弹性垫圈	1	
24	JDS30.033	Rod, shift 换挡杆	1	
25	JDS30.044	Fork, shift 拨叉	1	
26	GB308-76	Ball, steel 钢球Φ10	2	
27	JDS30.045	Spring 弹簧	2	
28	JDS30.047	Lever, shift 转动杆	2	
29	GB1235-76	O-ring O形圈22×2.4	2	
30	GB1099-76	Key, woodruff 半圆键5×19	2	
31	GB894-76	Snap ring 弹性挡圈22	2	