



CPDS13/15/16/18/20J

CPDS13/15/16/18/20JD1

三支点蓄电池叉车零件目录

**J SERIES THREE WHEEL COUNTERBALANCED
ELECTRICAL FORKLIFT TRUCK**

PARTS LIST

浙江杭叉工程机械股份有限公司

ZHEJIANG HANGCHA ENGINEERING MACHINERY CO., LTD.

2006-02 2nd EDITION



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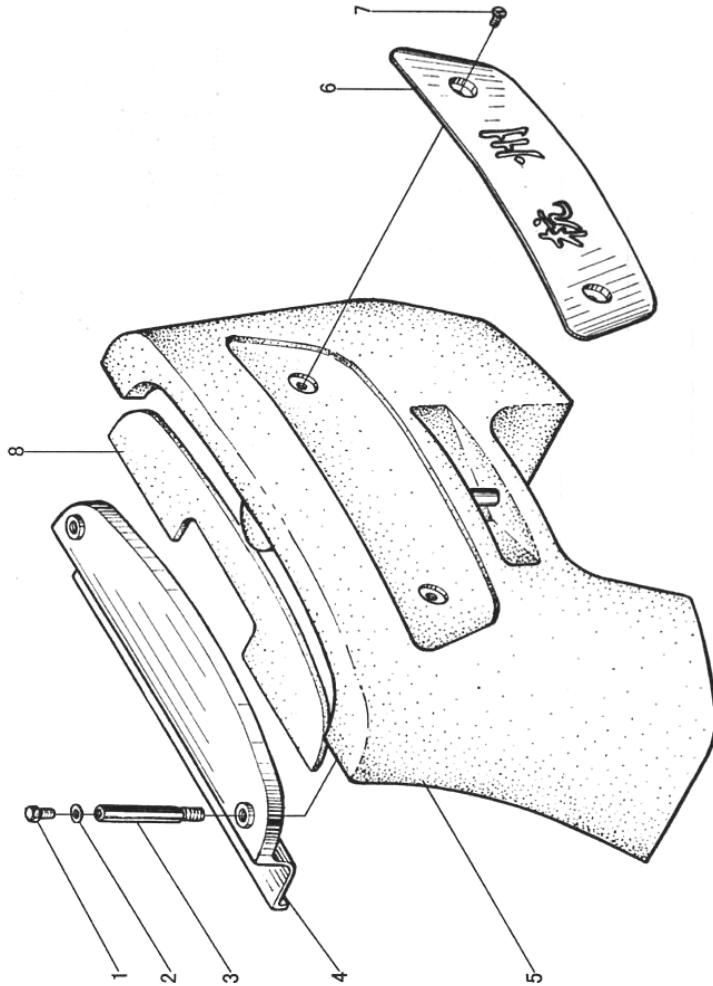
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2 级门架
DUPLEX

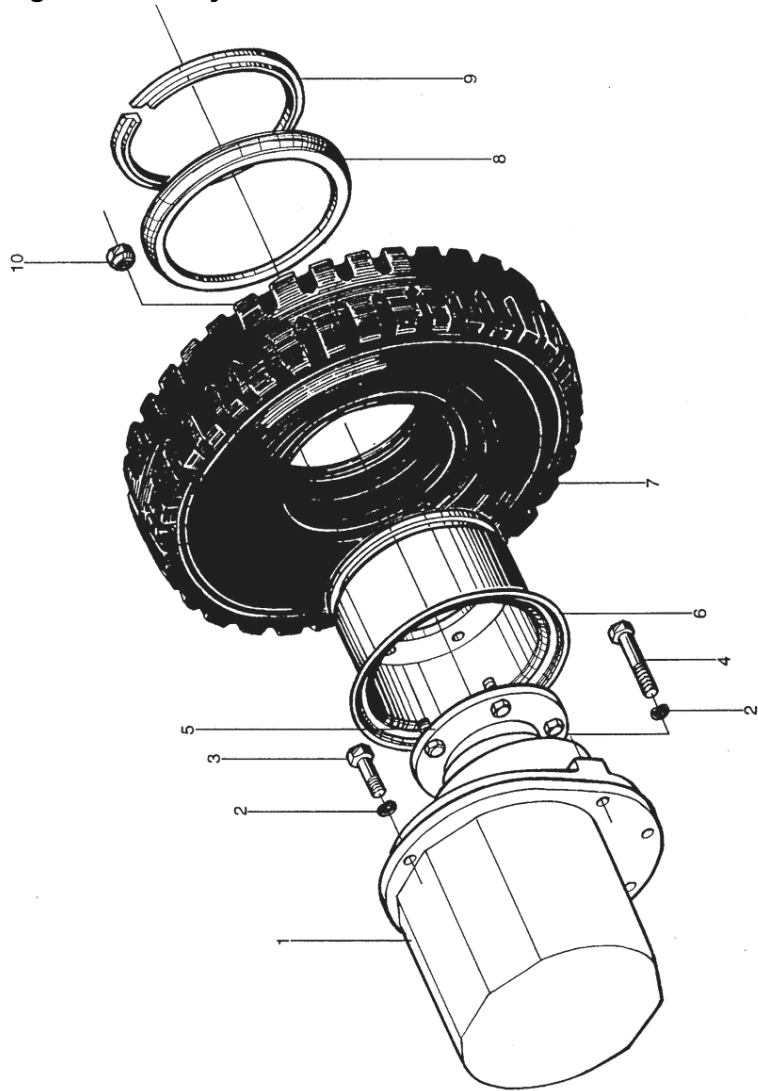
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图 1 平衡重
Fig. 1 Counterweight



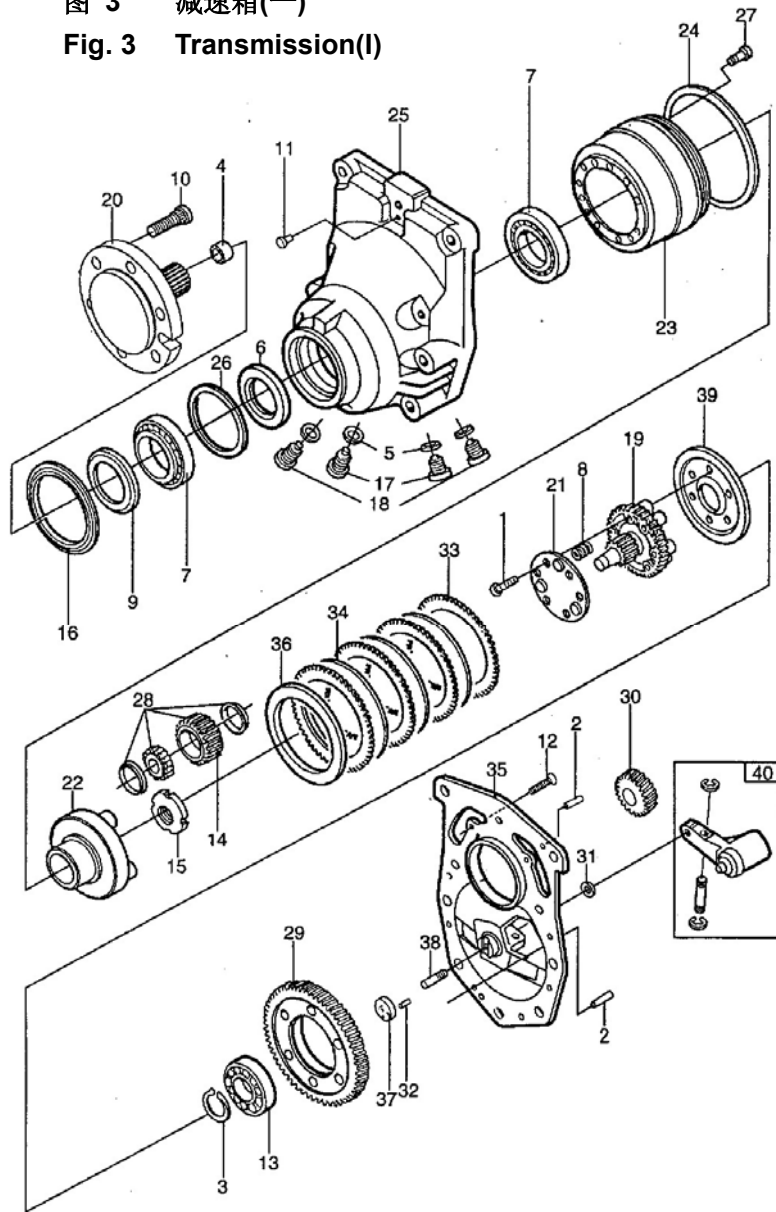
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	30DH-410014A	把手 Knob	2		70009807	0.69
2	GB97.1-85	垫圈 8 Washer 8	2		20000034	0.01
3	JS160-000002-000	长螺母 Nut	2		70025283	1.15
4	JS160-000001-000	后盖板 Cover plate	1		70025282	15.24
5	JS160-020000-000	平衡重	1	1.3t, 1.6t	70025279	575.00
	JS200-020000-000	Counter weight		1.5t, 1.8t, 2.0t	70033129	655.00
6	JS160-030000-000	重块盖板 Cover plate	1		70025428	12.89
7	GB67-87	螺钉 M6X10 Screw M6X10	2		20000147	0.02
8	JS160-000004-000	橡胶板 Rubber plate	1		70029972	6.58

图 2 驱动系统
Fig. 2 Drive system



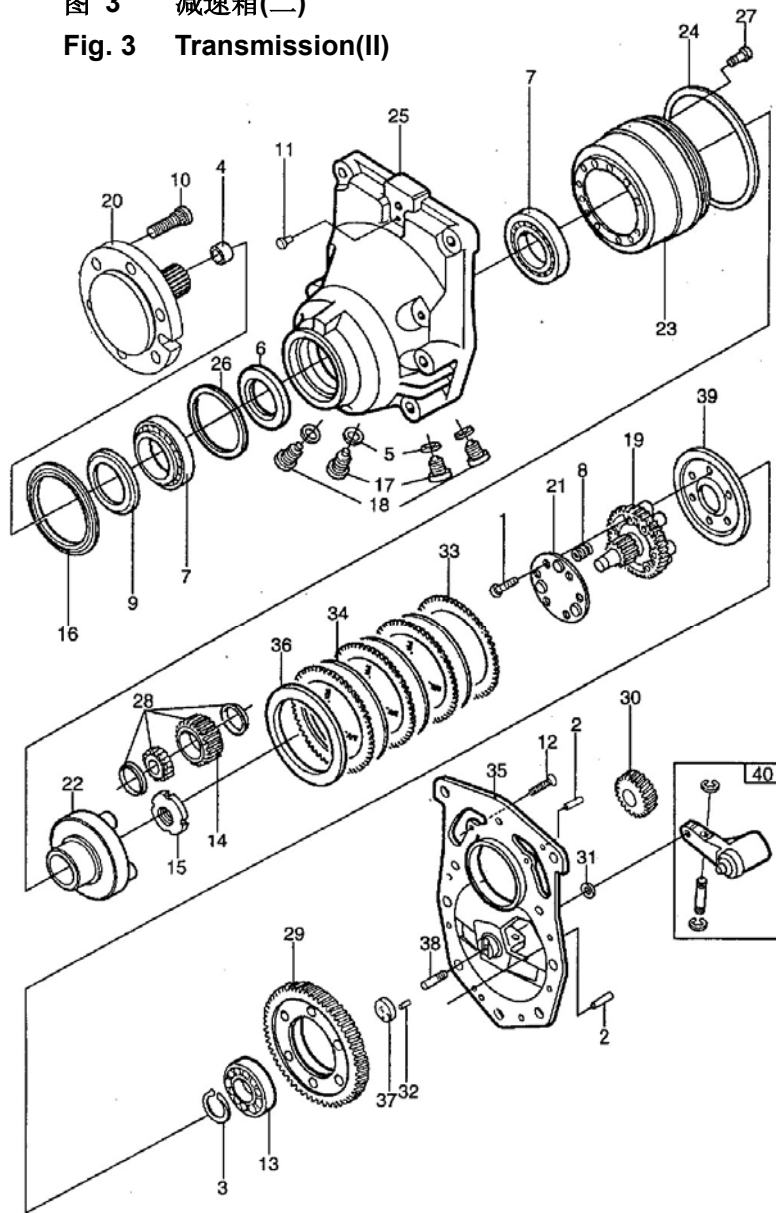
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1	0501007341-G00	直流电机 DC Motor	2	CPDS13-20J	11007931	
	TSP-112/4-90-T-12713-G00	交流电机 AC Motor		CPDS13-20JD1	11008546	
2	GB93-87	垫圈 14 Washer 14	14		20000036	0.03
3	GB5783-86	螺栓 M14X55 Bolt M14X55	4		20000103	0.36
4	GB5783-86	螺栓 M14X95 Bolt M14X95	10		20004146	0.66
5	4699823018-G00	变速箱 Transmission gear box	2		11007932	
6	JS160-110003-W00	轮辋体 Rim ring	2	1.3t-1.8t	70025148	52.10
	JS200-110003-W00			2.0t	70029462	56.10
7	GB2981-91	轮胎 18X7-8 Tyre 18X7-8	2	1.3t-1.8t	20003851	56.68
		轮胎 200/50-10 Tyre 200/50-10		2.0t	20004260	87.89
8	JS160-110001-W00	挡圈 Snap ring	2	1.3t-1.8t	70025146	9.03
	JS200-110001-W00			2.0t	70029460	9.70
9	JS160-110002-W00	锁圈 Lock ring	2	1.3t-1.8t	70025147	8.33
	JS200-110002-W00			2.0t	70029461	8.89
10	JS160-100001-000	球形螺母 Nut	10		70030173	0.66
A	JS160-110000-000	Rim assembly Incl.6、8、9	2	1.3t-1.8t	70025145	61.11
	JS200-110000-000			2.0t	70029459	65.79
B	GP21(DC)-R	Drive system Right Incl.1、5	1	CPDS13-20J		1670.00
	GP21(AC)-R			CPDS13-20JD1		1465.00
	GP21(DC)-L	Drive system Left Incl.1、5	1	CPDS13-20J		1670.00
	GP21(AC)-L			CPDS13-20JD1		1465.00

图 3 减速箱(一)
Fig. 3 Transmission(I)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	0636 015 347	六角螺钉 Screw	6		0636015347	
2	0631 302 212	销子 Cylinder pin	2		0631302212	
3	0630 501 024	弹簧挡圈 Snap ring	1		0630501024	
4	0635 303 037	滚针轴承 Needle sleeve	1		0635303037	
5	0634 801 038	密封圈 Sealing ring	4		0634801038	
6	0634 309 602	轴封 Shaft seal	1		0634309602	
7	0750 117 781	圆锥滚子轴承 Taper roller bearing	2		0750117781	
8	0632 040 021	弹簧 Pressure spring	3		0632040021	
9	0501 319 707	尼龙圈 NILOS-ring	1		0501319707	
10	4699 300 107	轮胎螺栓 Wheel Bolt	6		4699300107	
11	0637 885 613	透气塞 Breather filter	1		0637885613	
12	0636 101 411	螺钉 Cylindrical screw	8		0636101411	
13	0635 331 418	球轴承 Grooved ball bearing	1		0635331418	
14	4699 300 101	行星齿轮 Planet gear	3		4699300101	
15	4699 300 102	开槽螺母 Slotted nut	1		4699300102	
16	0634 312 624	格莱玛圈 GAMMA-ring	1		0634312624	
17	0636 302 013	螺塞 M14X1.5 Screw plug	2		0636302013	
18	0501 319 149	磁性螺塞 M14X1.5 Screw plug with magnet	2		0501319149	
19	4699 300 098	内碟片架 Inner disc carrier	1		4699300098	

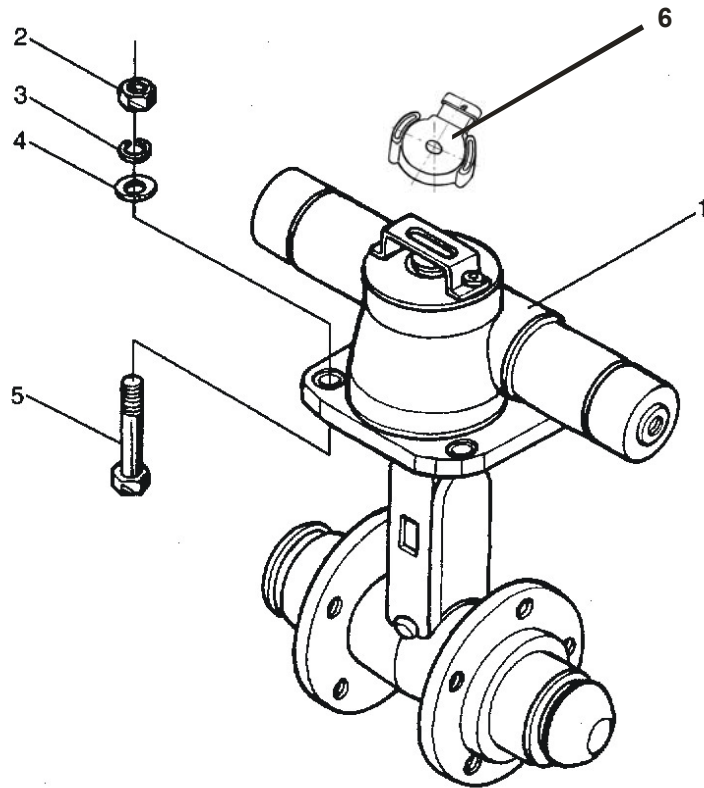
图 3 减速箱(二)
Fig. 3 Transmission(II)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
20	4699 300 077	轮毂 Wheel shaft	1		4699300077	
21	4699 300 091	安装盘 Fixing plate	1		4699300091	
22	4699 300 097	行星齿轮架 Planet carrier	1		4699300097	
23	4699 200 004	内齿 Internal gear, cpl.	1		4699200004	
24	4699 300 095	FEY 密封圈 FEY-ring	1		4699300095	
25	4699 300 093	壳体 Housing	1		4699300093	
26	4699 200 003	垫圈环 Shim ring O.T.K.	1		4699200003	
27	0636 103 198	螺钉 Torx-socket head screw	10		0636103198	
28	0735 410 704	轴承 Cylindrical roller bearing	3		0735410704	
29	650548	大齿轮 Helical gear	1		650548	
30	650550	小齿轮 Pinion	1		650550	
31	0634 502 084	轴封 Shaft seal	1		0634502084	
32	0631 313 003	销 Cylinder pin	1		0631313003	
33	0501 319 853	外摩擦片 Outer clutch disc	4		0501319853	
34	0501 319 854	内摩擦片 Inner clutch disc	3		0501319854	
35	4699 309 044	Housing cover	1		4699309044	
36	4699 209 005	压盘 Pressure disc O.T.K.	1		4699209005	
37	4699 309 039	轴承 Axial bearing	1		4699309039	
38	4699 209 004	销 Pressure pin O.T.K.	1		4699209004	
39	4699 309 040	压盘 Pressure disc	1		4699309040	
40	0501 319 755	制动杠杆 Brake lever, complete	1		0501319755	

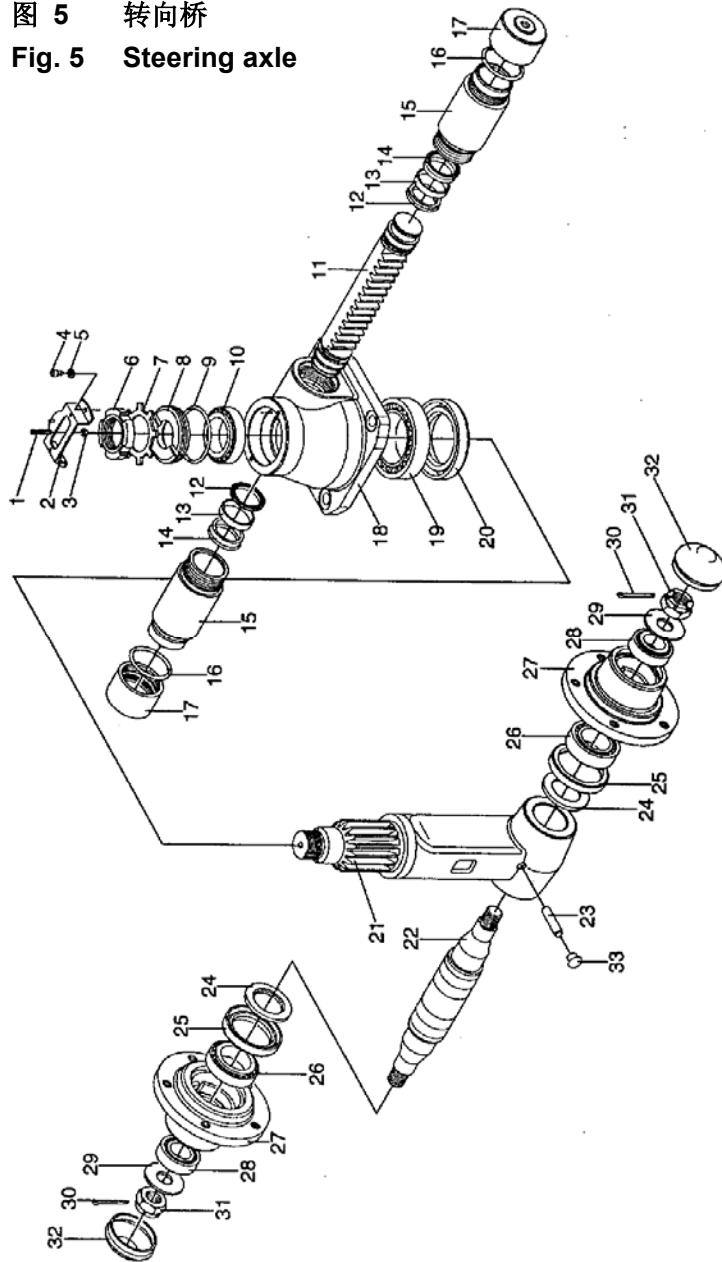
图 4 转向桥总成

Fig. 4 Steering axle assy'



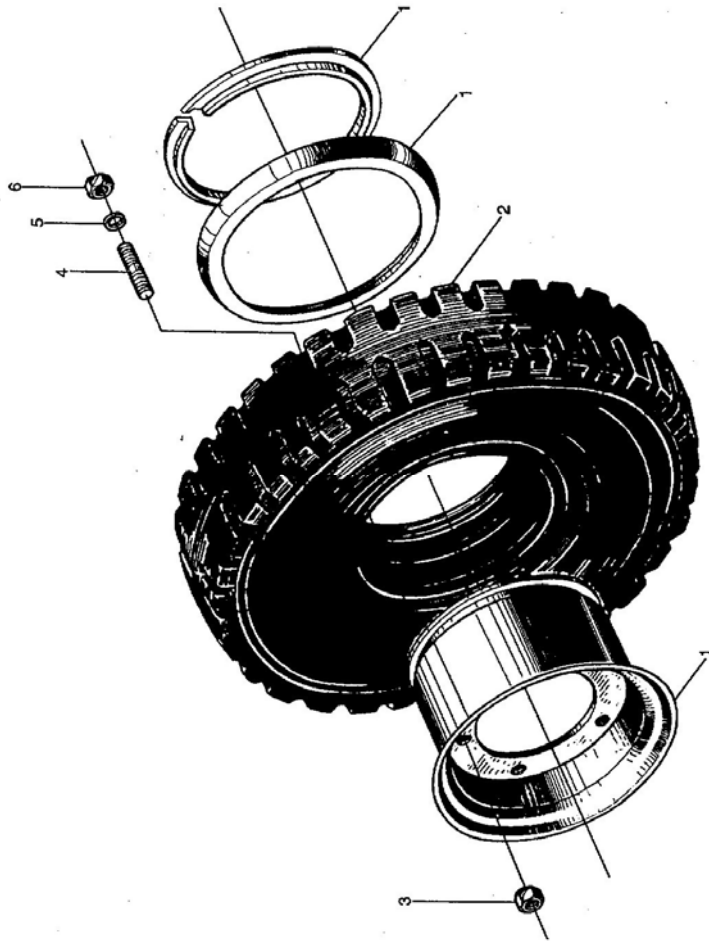
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	074160000-G00	转向桥 Steering axle	1		11007933	810.00
2	GB56-88	螺母 M16 Nut M16	5		20004965	0.25
3	GB93-87	垫圈 16 Washer 16	5		20000178	0.03
4	GB97.1-85	垫圈 16 Washer 16	5		20000168	0.03
5	GB5783-86	螺栓 M16X80 Bolt M16X80	5		20001452	0.63
6	466021700	电位计 Potentiometer	1			59.30

图 5 转向桥
Fig. 5 Steering axle



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	074011500	轴 Shaft	1		1100793301	
2	074010900	支架 Support	1		1100793302	
3	0500601	螺母 Nut	1		1100793303	
4	0400600	螺钉 Screw	2		1100793304	
5	0400601	垫圈 Washer	2		1100793305	
6	0743001	花螺母 Ring nut	1		1100793306	
7	0743002	垫片 Washer	1		1100793307	
8	074160306	锁圈 Cover	1		1100793308	
9	0741010	密封圈 Seal	1		1100793309	
10	0303006	轴承 Bearing	1		1100793310	
11	074010500	齿条 Rack	1		1100793311	
12	0030060	密封圈 Seal	2		1100793312	
13	0030059	导向套 Guide	2		1100793313	
14	0741008	密封圈 Seal	2		1100793314	
15	074010600	衬套 liner	2		1100793315	
16	0741002	密封圈 Oil seal	2		1100793316	
17	074010700	缸盖 Head	2		1100793317	
18	074160100	缸体 Body	1		1100793318	
19	0303005	轴承 Bearing	1		1100793319	
20	0030023	油封 Oil seal	1		1100793320	
21	074160216	齿轴 Shaft	1		1100793321	
22	074010300	轴 Shaft	1		1100793322	
23	0531204	销 Pin	1		1100793323	
24	074011300	垫片 Shim	2		1100793324	
25	0741003	密封圈 Seal	2		1100793325	
26	0303003	轴承 Bearing	2		1100793326	
27	074011010	轮毂 Hub	2		1100793327	
28	0303001	轴承 Bearing	2		1100793328	
29	074011200	垫圈 Washer	2		1100793329	
30	0743012	开口销 Cotter pin	2		1100793330	
31	0502401	螺母 Nut	2		1100793331	
32	074011100	盖 Cover	2		1100793332	
33	0744003	塞子 Plug	1		1100793333	
K1	K1-Steering axle	修理包 Seal kit of steering axle	1	INC. 9,12,13,14,16, 20,25	1100793334	

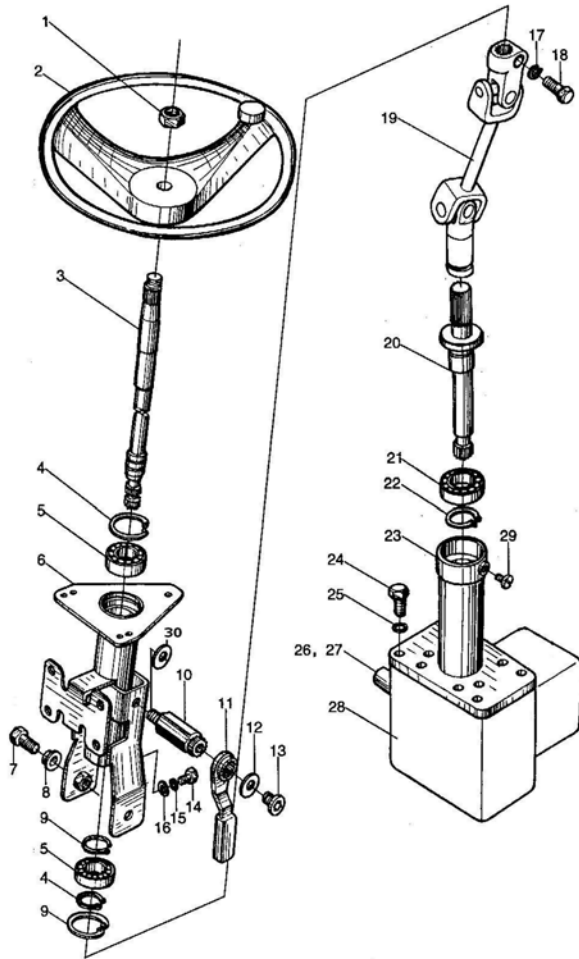
图 6 转向轮胎
Fig. 6 Steering wheel



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	JS160-220001-000	轮辋 Wheel rim	2		70025177	51.71
2	GB10823-96	轮胎 15X4.5-8 Tire 15X4.5-8	2		20003855	32.05
3	N163-220010-000	球形螺母 Wheel nut	10		70021955	0.39
4	JS160-200001-000	螺栓 Bolt	10		70025151	0.43
5	GB93-87	垫圈 14 Washer 14	10		20000036	0.03
6	GB6173-86	螺母 M14X1.5 Nut M14X1.5	10		20003702	0.18
A	JS160-220000-000	转向轮胎 Steering wheel ass'y	2			83.76

图 7
Fig. 7

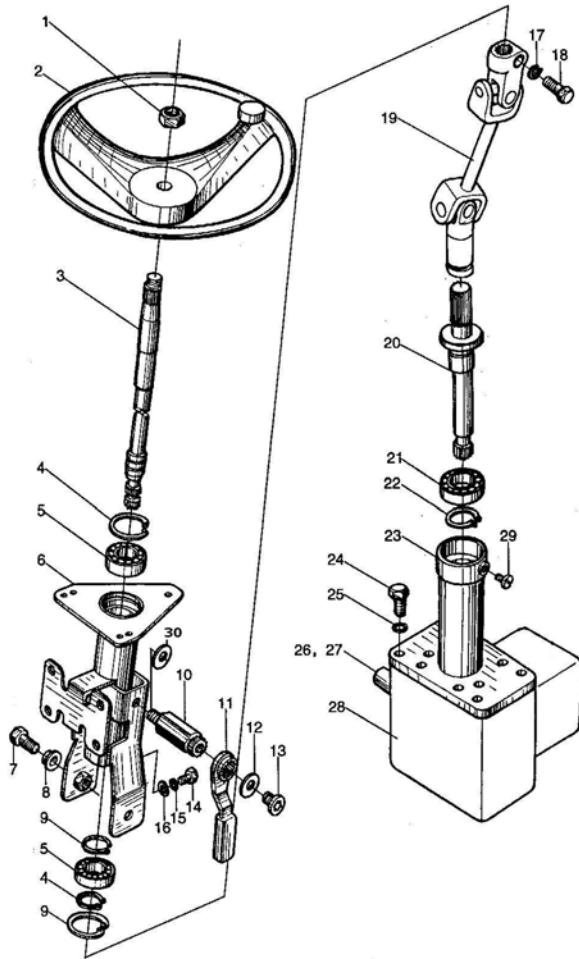
转向装置 (一)
Steering device (I)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	2QD-210001	方向盘螺母 Steering wheel nut	1		70021760	0.23
2	XE-020-G00	方向盘 Steering wheel	1		11007935	19.68
3	JS160-211001-000	上端转向轴 Steering shaft	1		70025155	9.61
4	GB893.1-86	孔用挡圈 37 Snap ring 37	2		20001854	0.08
5	GB276-82	轴承 1000904 Bearing 1000904	2		20001853	2.60
6	JS160-211000-000	上端转向管 Steering pipe	1		70025154	32.24
7	30DH-220003A	螺栓 Bolt	2		70009792	0.98
8	30DH-220004A	套 Sleeve	2		70009793	0.44
9	GB894.1-86	轴用挡圈 20 Snap ring 20	2		20001852	0.03
10	JS160-210001-000	夹紧螺栓 Bolt	1		70025153	0.82
11	N163-215000-000	夹紧手柄 Knob	1		70021943	8.04
12	N163-210004-000	垫圈 Washer	1		70021936	1.32
13	JS160-210002-000	螺栓 Bolt	1		70025172	0.26
14	GB67-85(A)	螺栓 M6X12 Bolt M6X12	2		20003853	0.02
15	GB93-87	垫圈 6 Washer 6	2		20000054	0.01
16	GB97.1-85	垫圈 6 Washer 6	2		20000785	0.01
17	GB93-87	垫圈 8 Washer 8	2		20000026	0.01
18	GB5783-86	螺栓 M8X30 Bolt M8X30	2		20000033	0.08

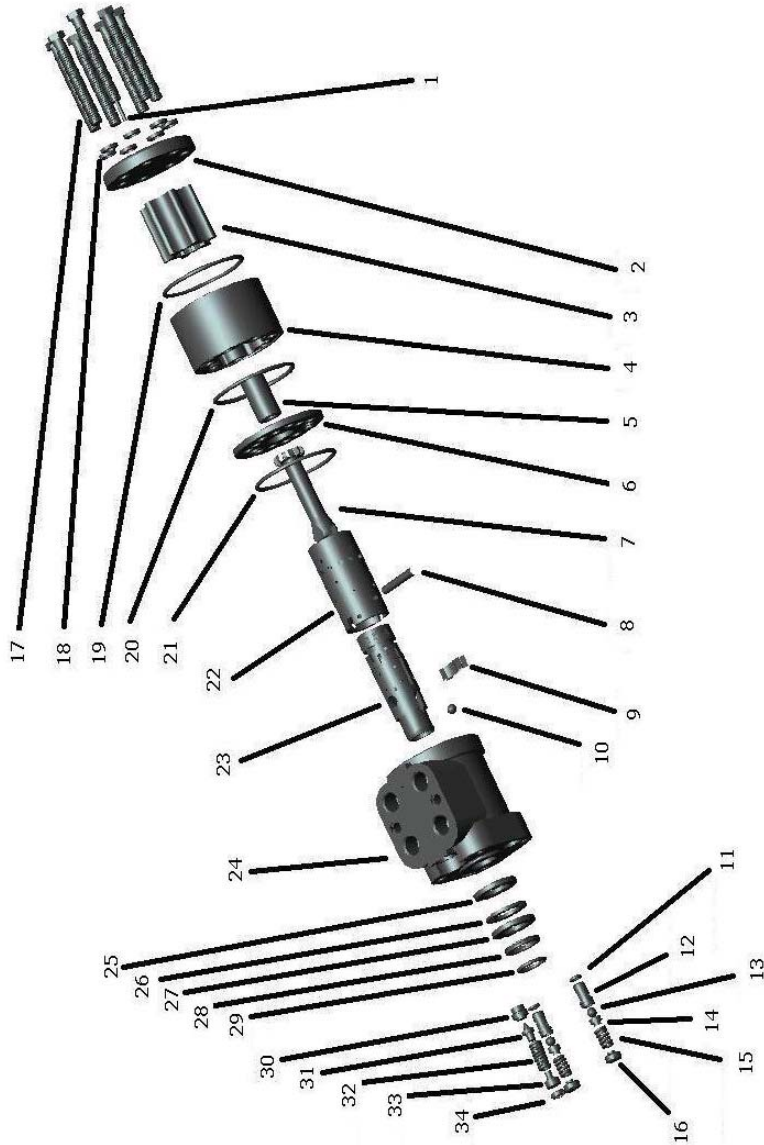
图 7
Fig. 7

转向装置 (二)
Steering device (II)



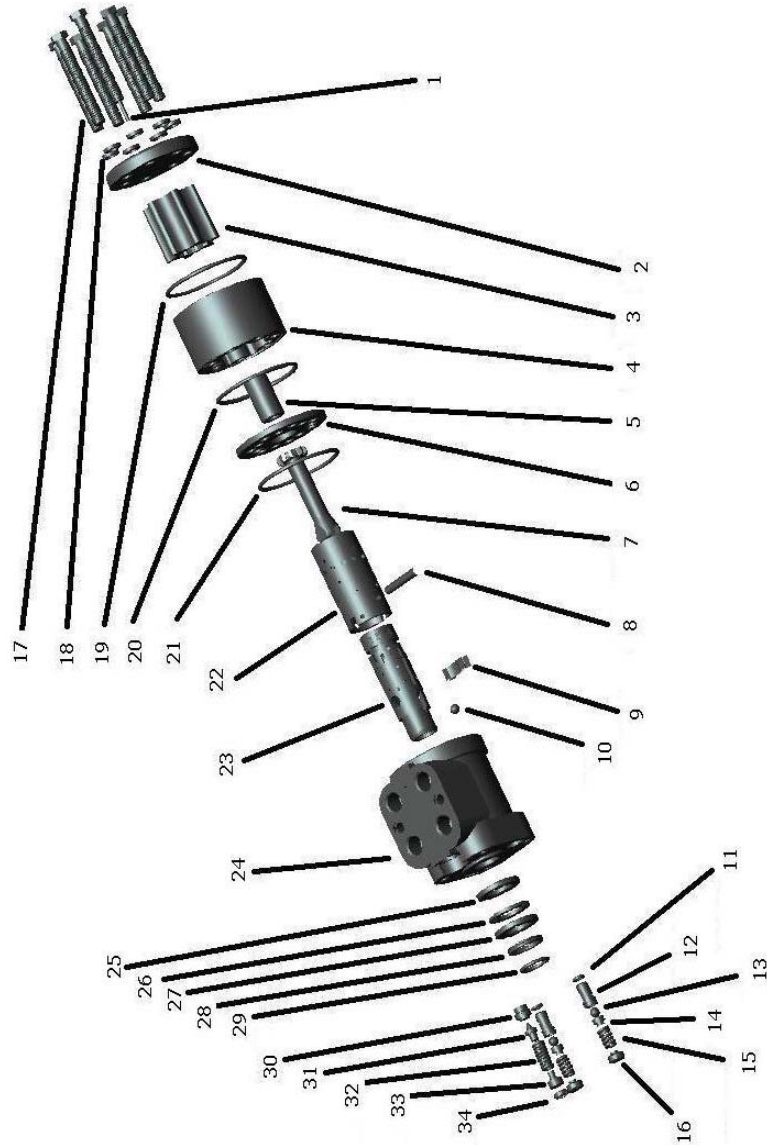
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19	JS160-212000-000	万向节 Gimbal	1		70025173	14.17
20	JS160-213000-000	下端转向轴 Shaft assy	1		70025165	11.32
21	GB276-94	轴承 61905-Z Bearing 61905-Z	1		20003854	3.09
22	GB894.1-86	轴用挡圈 25 Snap ring 25	1		20001181	0.04
23	JS160-214000-000	下端转向管 Steering pipe	1		70025174	20.39
24	GB5783-86	螺栓 M10X25 Bolt M10X25	8		20000009	0.10
25	GB93-87	垫圈 10 Washer 10	8		20000003	0.02
26	0166-40502-018-G00	液压开关 Hydraulic switch	1		11003001	64.50
27	JB982-77	垫圈 12 Washer 12	1		20000366	0.10
28	423-7982-15-G00	转向器 Steering gear	1	SEE Fig. 7-A SEE Fig. 7-B	11008369	182.00
29	GB828-88	螺钉 M6X6X2 Screw M6X6X2	1		20003125	0.04
30	GB96-85	垫圈 12 Waser 12	1		20001846	0.02

图 7-A 转向器 (一)
Fig. 7-A Steering Gear (I)



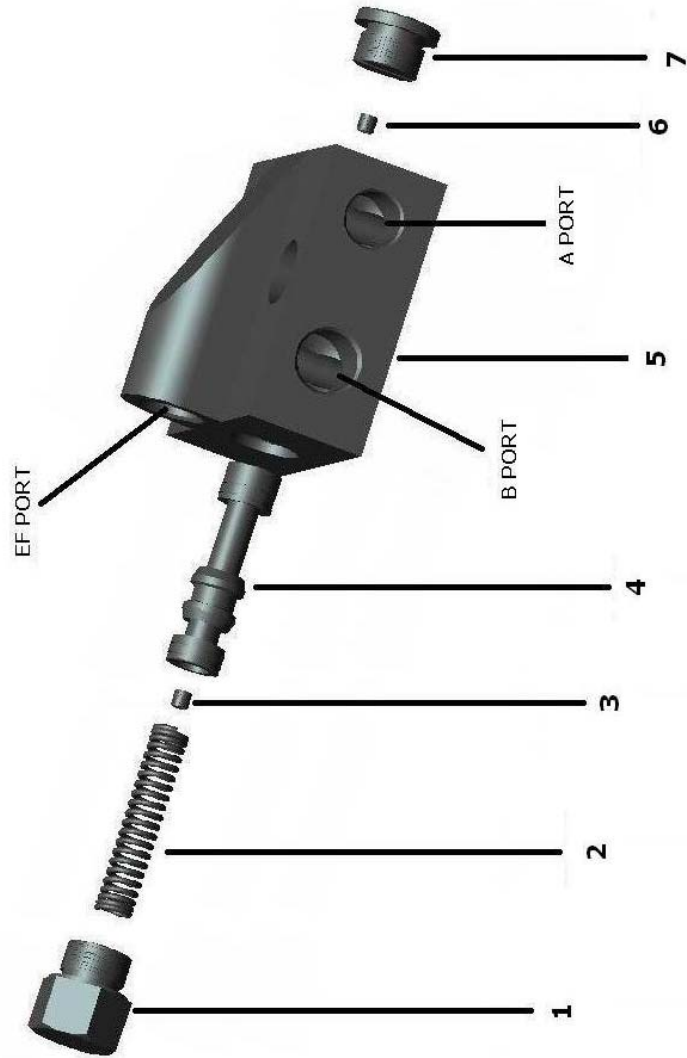
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	NO PART NO.	弹性圆柱销 3X30 Pin 3X30	1	DO NOT SUPPLY SEPARATELY	1100836901	
2	NO PART NO.	后盖 Downside cover	1		1100836902	
3	NO PART NO.	转子 Rotor	1		1100836903	
4	NO PART NO.	定子 Stator	1		1100836904	
5	NO PART NO.	限位柱 shaft	1		1100836905	
6	NO PART NO.	隔盘 Plate	1		1100836906	
7	NO PART NO.	联动轴 Shaft	1		1100836907	
8	NO PART NO.	拨销 Pin	1		1100836908	
9	NO PART NO.	弹簧片 Spring	1		1100836909	
10	NO PART NO.	钢球 8 Ball 8	1		1100836910	
11	NO PART NO.	O 型圈 8.75X1.8	2		1100836911	
12	NO PART NO.	缓冲阀座 Valve seat	2		1100836912	
13	NO PART NO.	钢球 5 Ball 5	2		1100836913	
14	NO PART NO.	钢球座 Ball seat	2		1100836914	
15	NO PART NO.	双缓阀座 Valve seat	2		1100836915	
16	NO PART NO.	缓冲调压螺钉 Adjusting screw	2		1100836916	
17	NO PART NO.	螺栓 M10X1.25X110	7		1100836917	
18	NO PART NO.	组合圈 10 Washer 10	7		1100836918	
19	NO PART NO.	O 型圈 79X2	1		1100836919	
20	NO PART NO.	O 型圈 79X2	1		1100836919	
21	NO PART NO.	O 型圈 77.5X2.65	1		1100836920	
22	NO PART NO.	阀套 Valve bush	1		1100836921	
23	NO PART NO.	阀芯 Valve	1		1100836922	
24	NO PART NO.	阀体 Valve Body	1		1100836923	
25	NO PART NO.	大挡环 Snap ring	1		1100836924	
26	NO PART NO.	推力滚针轴承 Neddle Bearing	1		1100836925	
27	NO PART NO.	厚挡环 Spacer	1		1100836926	
28	NO PART NO.	X 型密封圈 X-ring	1		1100836927	
29	NO PART NO.	O 型密封圈 O-ring 25.8X2.65	1		1100836928	
30	NO PART NO.	安全阀套 Safety valve bush	1		1100836929	

图 7-A 转向器 (二)
Fig. 7-A Steering Gear (II)



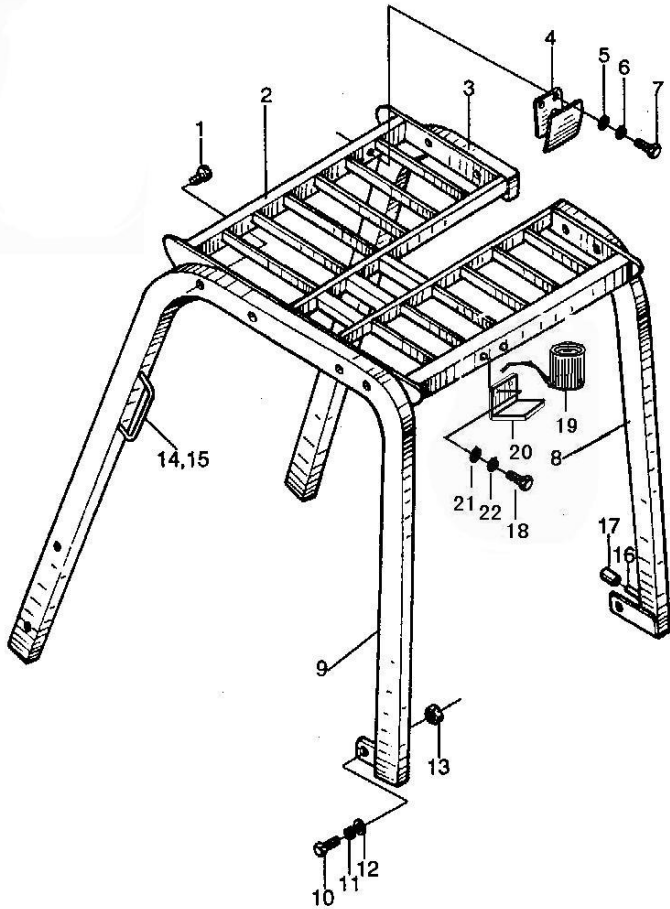
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
31	NO PART NO.	安全阀芯 Safety valve	1	DO NOT SUPPLY SEPARATELY	1100836930	
32	NO PART NO.	安全阀弹簧 Spring	1		1100836931	
33	NO PART NO.	调压螺栓 Bolt, adjusting pressure	1		1100836932	
34	NO PART NO.	锁紧螺母 Locking nut	1		1100836933	
K1	K1-STEERING GEAR.	转向器维修包 Seal Kit of steering gear	1	INC. 11,18-21,28,29	1100836934	

图 7-B 优先阀
Fig. 7-B Priority Valve



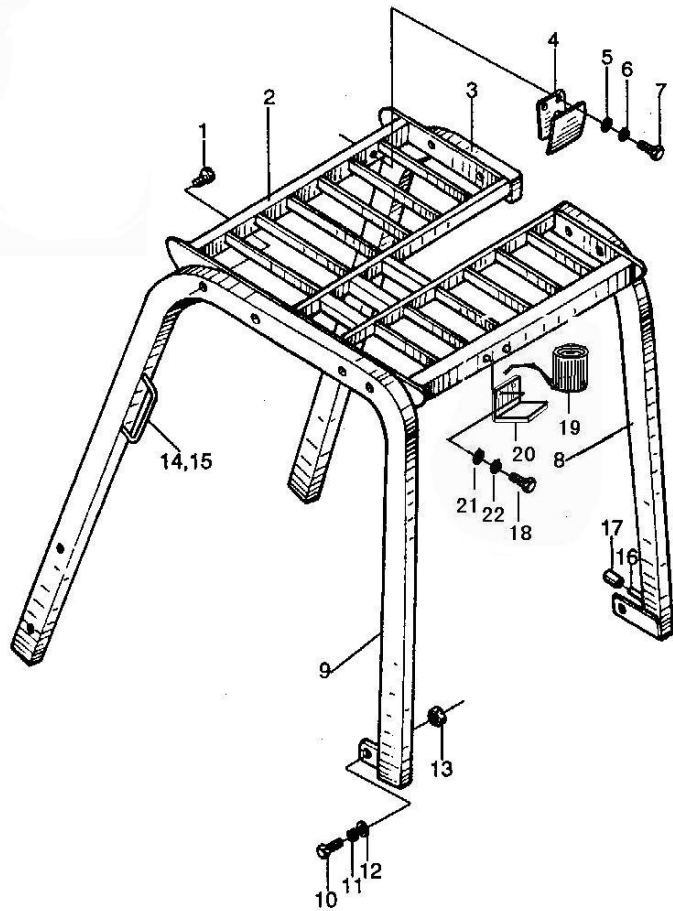
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	NO PART NO.	弹簧堵头 Plug of spring	1	DO NOT SUPPLY SEPARATELY	1100836935	
2	NO PART NO.	弹簧 Spring	1		1100836936	
3	NO PART NO.	节流堵头 Over flow plug	1		1100836937	
4	NO PART NO.	阀芯 Valve	1		1100836938	
5	NO PART NO.	阀体 Valve body	1		1100836939	
6	NO PART NO.	节流堵头 Over flow plug	1		1100836940	
7	NO PART NO.	堵头 Plug	1		1100836941	
	423-7982-15-G 00	TOTAL Fig. 7-A (1-34)+TOTAL Fig. 7-B(1-7)			11008369	182.00

图8 护顶架 (一)
Fig. 8 Overhead guard (I)



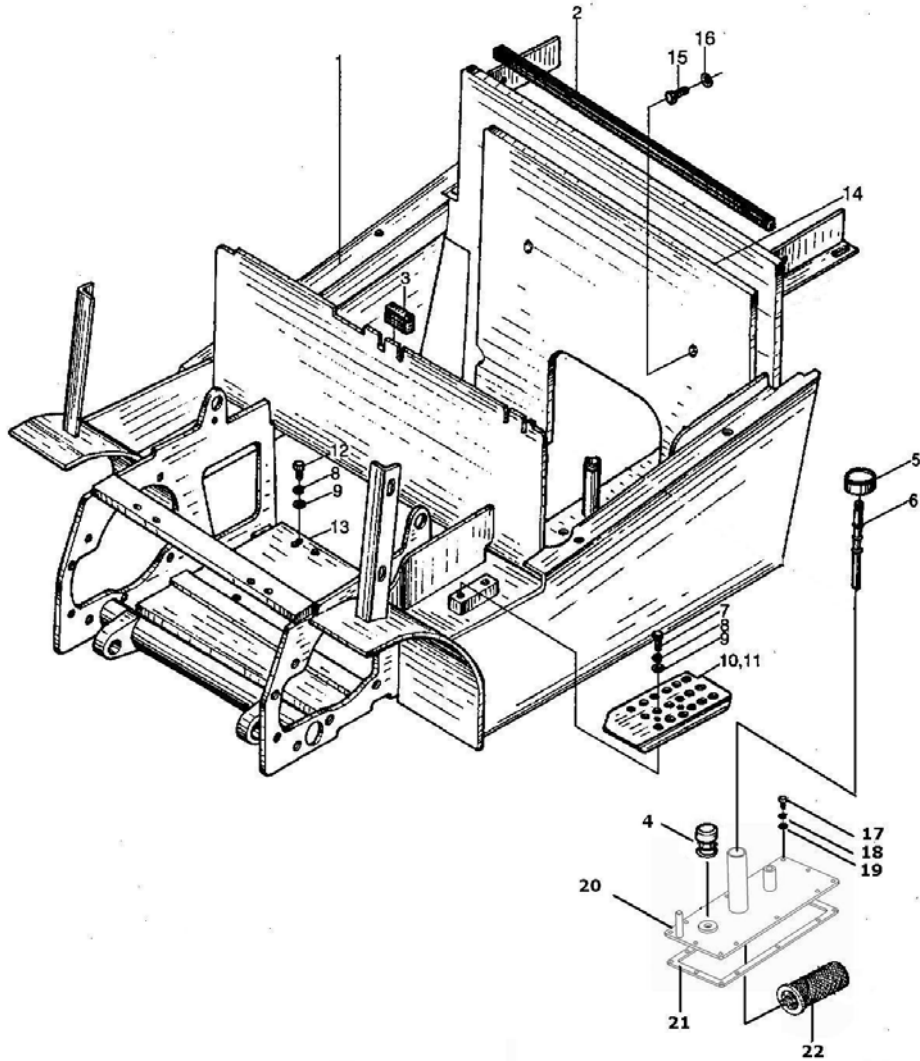
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	N163-420500-000	螺栓组件 Bolt assy	8	1.6-2t	70021866	0.33
			6	1.3-1.5t		
2	JS160-320000-000	顶架	1	1.6-1.8t	70025184	91.32
	JS200-320000-000	Overhead guard		2t	70029467	93.42
	JS130-320000-000			1.3-1.5t	70029827	91.32
3	JS160-330000-000	右侧前腿	1	1.6-1.8t	70025195	26.05
	JS200-330000-000	Right front support		2t	70029473	26.05
	JS130-330000-000			1.3-1.5t	70029833	26.05
4	30060-G00	后视镜 Rear view mirror	1		11001891	2.96
5	GB97.1-85	垫圈 8 Washer 8	2		20000034	0.01
6	GB93-87	垫圈 8 Washer 8	2		20000026	0.01
7	GB5783-86	螺栓 M8X16 Bolt M8X16	2		20000107	0.04
8	JS160-340000-000	右侧后腿	1	1.6-1.8t	70025198	26.05
	JS200-340000-000	Right rear support		2t	70029475	26.05
	JS130-340000-000			1.3-1.5t	70029835	26.05
9	JS160-310000-000	左侧腿	1	1.6-1.8t	70025179	57.63
	JS200-310000-000	Left support		2t	70029465	58.68
	JS130-310000-000			1.3-1.5t	70029825	57.63
10	GB5783-86	螺栓 M16X40 Bolt M16X40	2		20000738	0.40
11	GB93-87	垫圈 16 Washer 16	8		20000178	0.03
12	GB97.1-85	垫圈 16 Washer 16	8		20000168	0.03
13	GB6170-86	螺母 M16 Nut M16	2		20000276	0.25
14	GB67-85	螺钉 M5X20 Screw M5X20	2		20000292	0.04

图 8 护顶架 (二)
Fig. 8 Overhead guard (II)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
15	A-019901-G00	扶手 Rider	1		11000782	1.58
16	JS160-300001-000	销 Pin	2		70029477	0.14
17	JS160-300002-000	套 Ø8X1X30 Rubber hose	2		70034404	0.33
18	GB5785-86	螺栓 M6X25 Bolt M6X25	2	Optional	20000724	0.04
19	LTD152A-G00	警灯 Warning lamp	1	Optional	11002351	59.50
20	JS160-300003-000	警灯支架 Bracket	1	Optional	70035046	1.65
21	GB6170-86	螺母 M6 Nut M6	2	Optional	20001827	0.02
22	GB93-87	垫圈 6 Washer 6	2	Optional	20000054	0.01

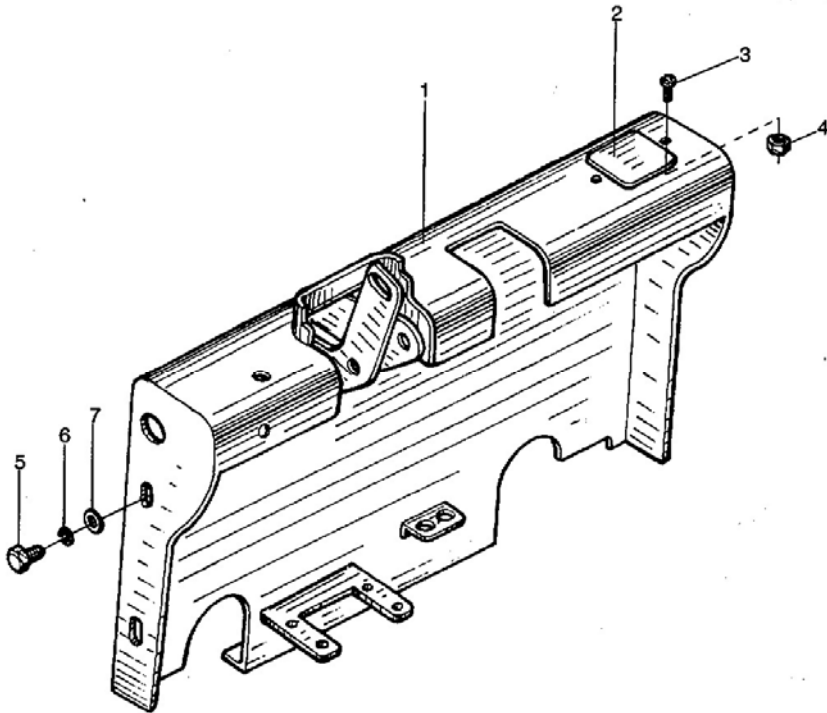
图9 车身系统 (一)
Fig. 9 Chassis Body (I)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	JS160-410000-000	车架 Frame	1	1.6-1.8t	70025216	590.00
	JS200-410000-000			2.0t	70029480	615.00
	JS130-410000-000			1.3-1.5t	70029838	578.67
2	JS160-400011-W00	密封条 Seal Strip 20X20X780	1		70028389	1.58
3	JS160-400007-000	垫块 Rubber	2		70025278	0.66
4	N163-603100-000	呼吸器总成 Air breather	1	SEE Fig. 12	70022092	4.64
5	25PH-600013	盖子 Cover	1		70013276	1.88
6	JS160-406000-000	油尺 Oil lever stick	1		70025793	6.58
7	GB5783-86	螺栓 M6X25 Bolt M6X25	6		20000724	0.04
8	GB93-87	垫圈 6 Washer	6		20000054	0.01
9	GB97.1-85	垫圈 6 Washer	6		20000785	0.01
10	JS160-402000-000	右踏板 Right pedal	1		70025211	10.53
11	JS160-401000-000	左踏板 Left pedal	1		70025269	10.86
12	GB5783-86	螺栓 M6X12 Bolt	2		20000573	0.03
13	JS160-400004-000	前封板 Plate	1		70025214	12.89
14	JS150-000001-000	小配重 Small counterweight	1	Only used in 1.5t,2t	70031187	61.60
15	GB70-86	螺栓 M12X30	2	Only used in 1.5t,2t	20000581	0.23
16	GB93-87	垫圈 12 Washer	2	Only used in 1.5t,2t	20000001	0.02
17	GB5783-86	螺栓 M6X12 Bolt	12		20000573	0.03
18	JB982-77	垫圈 6 Washer	12		20003463	0.02
20	JS160-405000-000	油箱盖板 Oil tank cover	1		70025203	13.82
21	JS160-400012-000	密封垫 Oil seal	1		70033626	0.41
22	H24C7-50201-G00	油滤器 Return oil filter	1		11009283	9.60

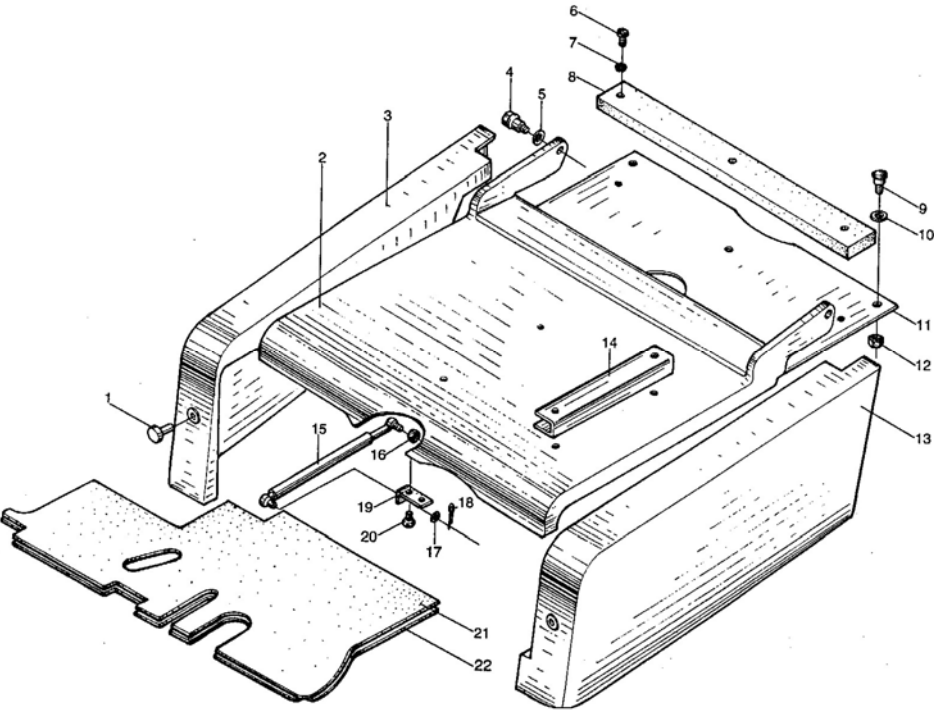
图 10 车身系统 (二)

Fig. 10 Chassis Body (II)



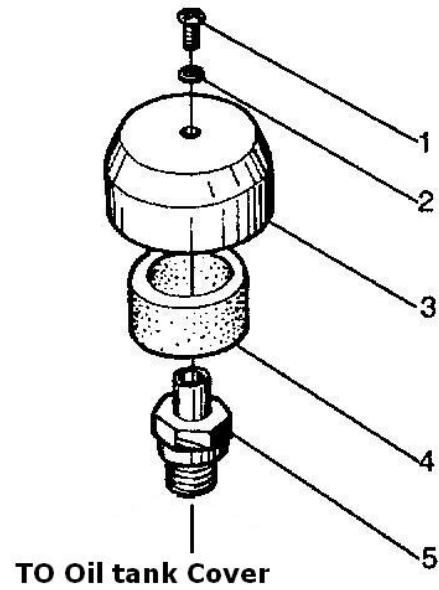
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	JS160-420000-000	仪表架 Front guard	1		70025204	86.05
2	H2406-42072-G00	工具箱 Tool box	1		11007619	2.54
3	GB820-85	螺钉 M6X16	2		20002332	0.02
4	GB6170-86	螺母 M6	2		20001827	0.02
5	GB5783-86	螺栓 M12X20	4		20000044	0.15
6	GB93-87	垫圈 12	4		20000001	0.02
7	GB97.1-86	垫圈 12	4		20000043	0.02

图 11 车身系统 (三)
Fig. 11 Chassis Body (III)



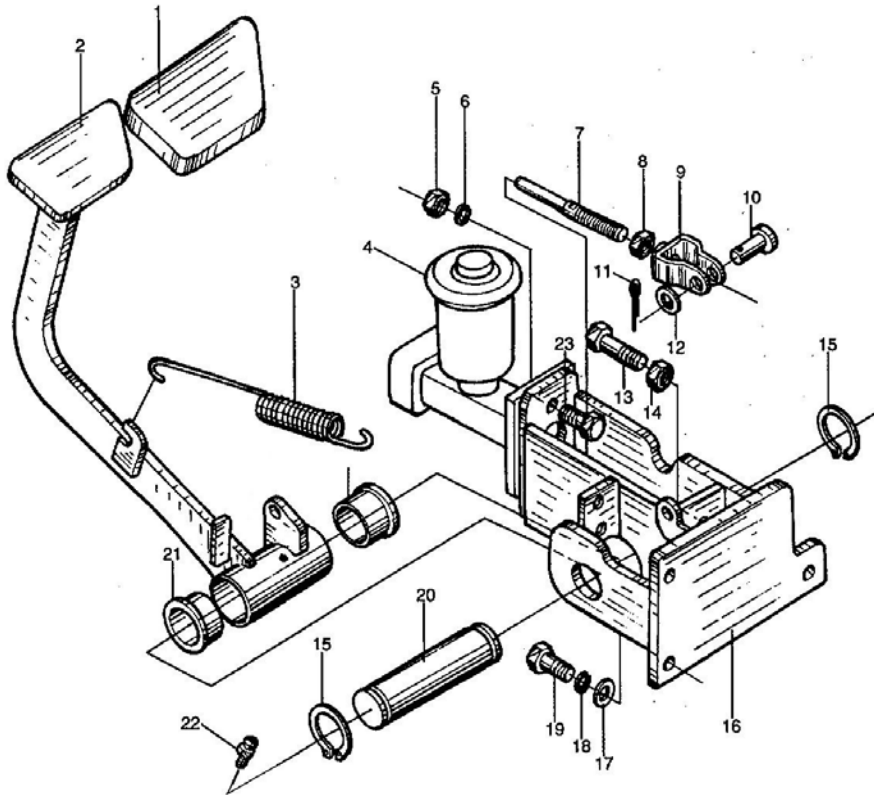
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	30DH-400014A	把手 Knob	2		70017209	0.69
2	JS160-430000-000	机盖 Battery Coverhood	1	1.6-1.8t	70025209	104.14
	2t			70029496	107.74	
	1.3-1.5t			70029847	100.09	
3	JS160-400005-000	右罩板 Right coverhood	1	1.6-1.8t	70025273	51.96
	2t			70029500	53.53	
	1.3-1.5t			70029848	49.48	
4	JS160-400003-000	销轴 Pin shaft	2		70025210	0.33
5	GB859-87	垫圈 10 Washer	2		20001065	0.02
6	GB6190-86	螺栓 Bolt M6X25	6		20003865	0.04
7	GB97.1-85	垫圈 6 Washer	6		20000785	0.01
8	JS160-400008-000	橡胶垫 Rubber	2		70025272	22.49
9	JS160-400006-000	螺栓 Bolt	4		70025202	0.26
10	GB96-85	垫圈 14 Washer	4		20003863	0.02
11	JS160-400009-000	后封板 Downside cover plate	1	1.6t	70025215	40.53
	2t			70029501	42.89	
	1.3-1.5t			70029849	31.05	
	JS180-001000-000			小配重 Counter	1	1.8t
12	GB6173-86	螺母 M14	4		20003866	0.18
13	JS160-400001-000	左罩板 Left coverhood	1	1.6-1.8t	70025201	52.15
	2t			70029495	53.53	
	1.3-1.5t			70029846	49.48	
14	JS160-407000-000	座椅支架 Bracket	2		70028386	14.47
15	HSD835X280X60-G 00	气弹簧 Air spring	1	1.6-2t	11009346	17.90
	HSD727X280X60-G 00			1.3-1.5t	11008673	17.90
16	GB1337-77	螺母 M8 Nut	1		20000877	0.04
17	GB97.1-85	垫圈 8 Shim	1		20000034	0.01
18	GB91-86	销 3X20Cotter pin	1		20000466	0.01
19	JS160-400002-000	支架 Bracket	1		70028388	2.11
20	GB5783-86	螺栓 M6X12 Bolt	1		20000573	0.03
21	JS160-405000-000	橡胶垫	1	CDPS13-20J	70025203	11.05
	JS160-409000-000			CDPS13-20JD1	70032995	15.26
22	JS160-404000-000	前底板	1	CPDS13-20J	70025274	22.63
	JS160-408000-000			CDPS13-20JD1	70032992	26.08

图 12 呼吸器
Fig. 12 Air breather



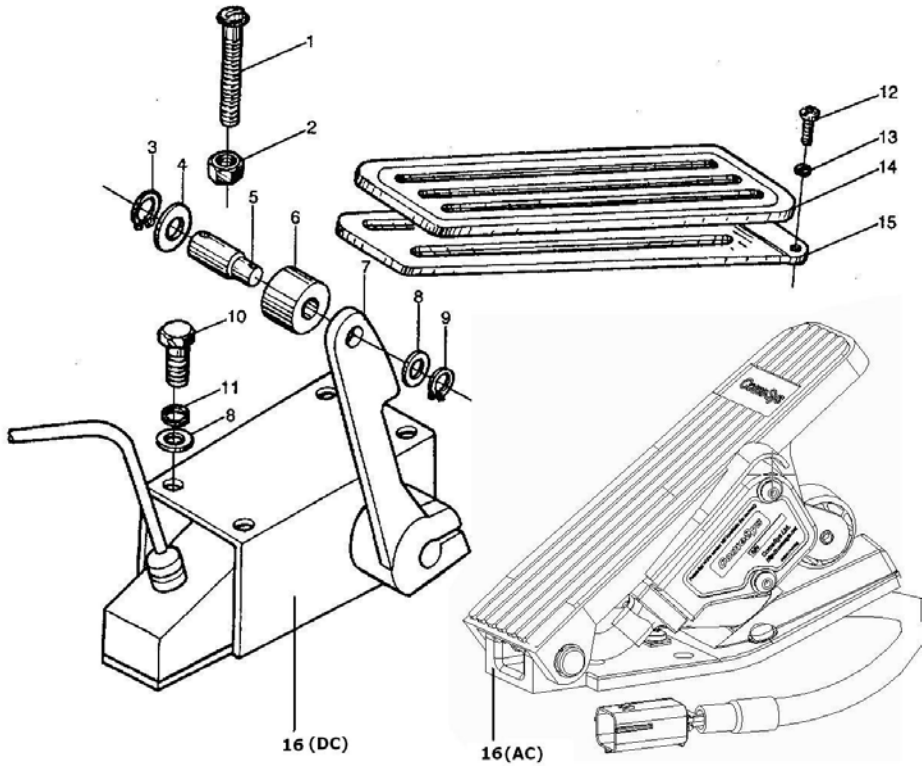
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	GB818-85	螺钉 M4X10 Bolt M4X10	1		20003759	0.02
2	GB93-87	垫圈 4 Washer 4	1		20000471	0.01
3	N163-603102-000	呼吸器罩 Cover	1		70024418	0.69
4	N163-603103-000	滤芯 Filter element	1		70024419	2.60
5	N163-603101-000	呼吸器座 Connector	1		70024417	1.35

图 13 制动踏板总成
Fig. 13 Brake pedal assy'



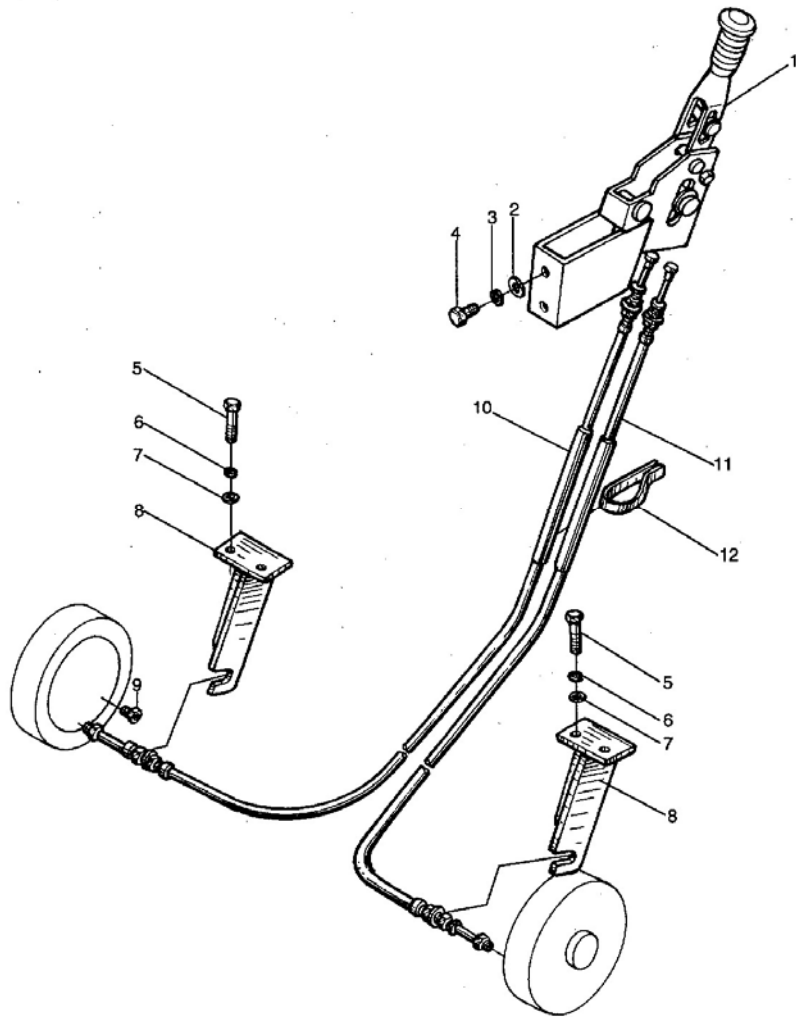
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	N163-512001-000	踏板垫 Pedal gasket	1		70013726	1.00
2	JS160-511000-000	制动踏板 Brake pedal	1		70025287	20.72
3	N163-510003-000	弹簧 Return spring	1		70022059	1.63
4	30DHW15-515000	制动总泵总成 Brake booster	1		70009382	18.00
5	GB6170-86	螺母 M10 Nut	2		20000035	0.05
6	GB93-87	垫圈 10 Washer	2		20000003	0.02
7	JS160-513001-000	推杆 Push rod	1		70025295	1.48
8	GB6170-86	螺母 M10 Nut	1		20000035	0.05
9	N163-513100-000	推耳 Push bracket	1		70022330	2.85
10	GB882-86	销轴 B8X24 Pin	1		20002715	0.18
11	GB91-86	销 3.2X16 Cotter pin	1		20002681	0.01
12	GB848-85	垫圈 8 Washer	1		20000769	0.02
13	GB5783-86	螺栓 M8X40 Bolt	1		20000542	0.08
14	GB6170-86	螺母 M8 Nut	1		20000031	0.03
15	GB894.1-86	挡圈 28 Snap ring	2		20000954	0.08
16	JS160-512000-000	支架 Seat bracket	1		70025296	24.01
17	GB97.1-85	垫圈 8 Washer	3		20000034	0.01
18	GB93-87	垫圈 8 Washer	3		20000003	0.01
19	GB5783-86	螺栓 M8X25 Bolt	3		20000367	0.07
20	JS160-510001-000	销轴 Shaft	1		70025305	2.86
21	N163-514001-000	套 Bush	2		70022331	0.59
22	GB1152-86	油杯 M6 Grease nipple	1		20001801	0.11
23	GB5783-86	螺栓 M10X35 Bolt	2		20000090	0.12
A	30DHW15-515-Kit	修理包 Seal kit for brake mast cylinder	1			1.00

图 14 加速操纵总成
Fig. 14 Acceleration pedal assy'



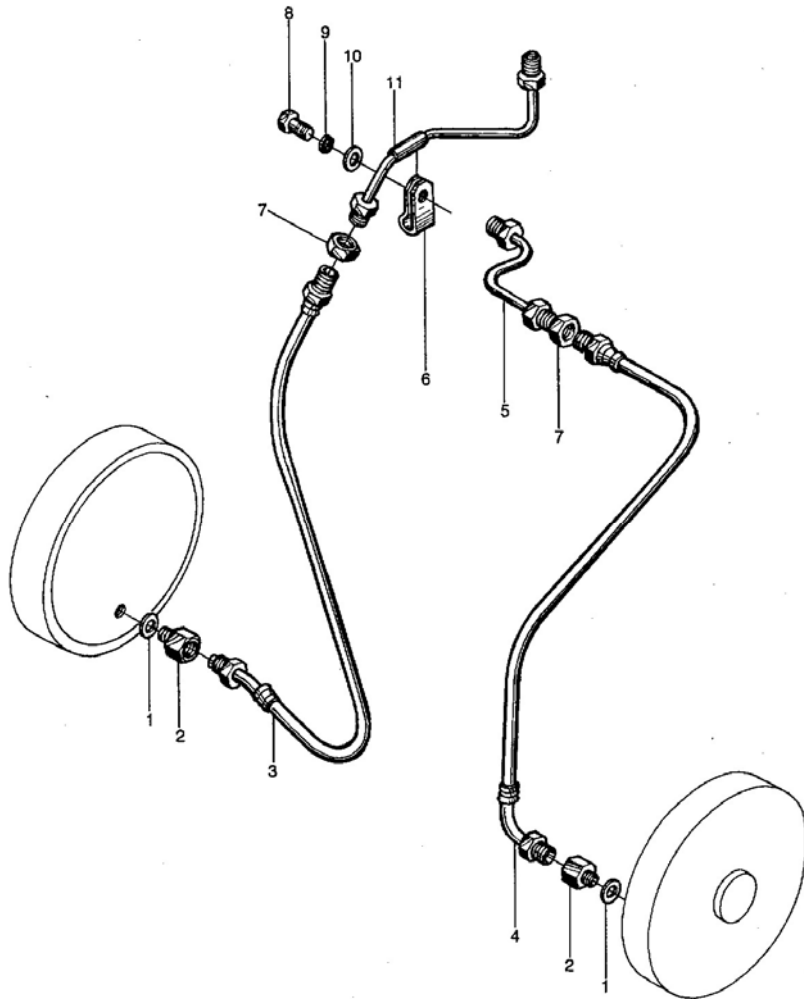
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	N163-520001-000	限位螺钉 Screw	1		70022066	0.29
2	GB6170-86	螺母 M8 Nut	1		20000031	0.03
3	GB894.1-86	挡圈 10 Snap ring	1		20000699	0.03
4	GB97.1-85	垫圈 10 Washer	1		20000686	0.02
5	25PH-500002	销轴 Pin shaft	1		70012171	1.28
6	30DH-530002	滚轮 Roller	1		70003251	0.83
7	JS160-520001-000	加速踏板 Pedal	1		70031166	7.06
8	GB97.1-85	垫圈 8 Washer	4		20000034	0.01
9	GB894.1-86	挡圈 8 Snap ring	1		20000842	0.02
10	GB5781-86	螺栓 M8X20 Bolt	3		20000048	0.07
11	GB93-87	垫圈 8 Washer	3		20000026	0.01
12	GB2672-86	螺钉 M6X16 Screw	2		20003470	0.03
13	GB93-87	垫圈 6 Washer	2		20000054	0.01
14	N163-520002-000	踏板垫 Pedal gasket	1		70013504	1.00
15	JS160-521000-000	加速踏板 Acceleration pedal	1		70025307	10.39
16	COPP11-G00	加速器 Accelerator	1	CPDS13-20J	11009865 01	136.00
	F3-142-G00			CPDS13-20JD1	11009865	200.00

图 15 手制动操纵总成
Fig. 15 Parking brake assy'



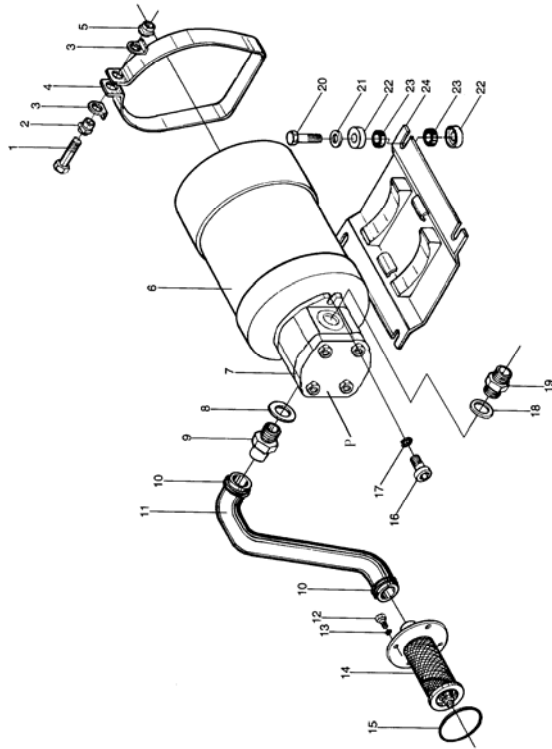
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	JS160-534000-000	手制动器 Parking brake level assy'	1		70030172	32.57
2	GB97.1-85	垫圈 10 Washer	2		20000686	0.02
3	GB93-87	垫圈 10 Washer	2		20000003	0.02
4	GB5783-86	螺栓 M10X25 Bolt M10X25	2		20000009	0.10
5	GB5783-86	螺栓 M8X45 Bolt M8X45	4		20000444	0.10
6	GB93-87	垫圈 8 Washer	4		20000026	0.01
7	GB97.1-85	垫圈 8 Washer	4		20000034	0.01
8	JS160-531000-000	拉线支架 Bracket	2		70025309	6.25
9	02d-G00	放气螺栓 Bolt	2		11008377	0.66
10	JS160-532000-000	左制动拉线 Brake cable, Left	1		70025314	10.77
11	JS160-533000-000	右制动拉线 Brake cable, Right	1		70025313	10.77
12	PKD-150-G00	捆线带 Packing belt	1		11000526	0.07

图 16 制动油管总成
Fig. 16 Braking Oil Pipe assy'



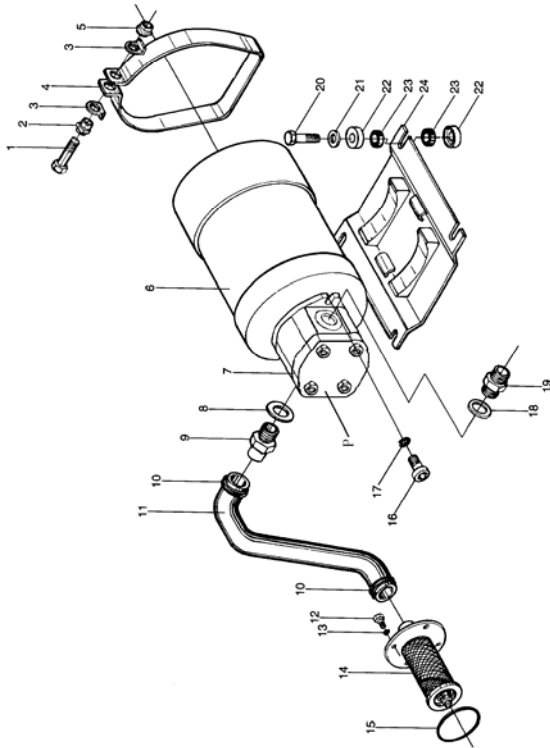
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	JB982-77	垫圈 10 Washer	2		20000341	0.10
2	JS160-540001-000	过渡接头 Connector	2		70025319	0.66
3	JS160-541000-000	左软管总成 Rubber hose, Left	1		70025323	11.51
4	JS160-544000-000	右软管总成 Rubber hose, Right	1		70025317	11.51
5	JS160-543000-000	右邦迪管 Pipe, Right	1		70025316	2.47
6	JS160-540002-000	管夹 Clip	1		70025318	1.58
7	GB6173-86	螺母 M16X1.5 Nut	2		20000880	0.24
8	GB5783-86	螺栓 M8X16 Bolt	1		20000107	0.04
9	GB93-87	垫圈 8 Washer	1		20000026	0.01
10	GB97.1-85	垫圈 8 Washer	1		20000034	0.01
11	JS160-542000-000	左邦迪管 Pipe, Left	1		70025320	2.47

图 17 油泵装置
Fig.17 Pump device



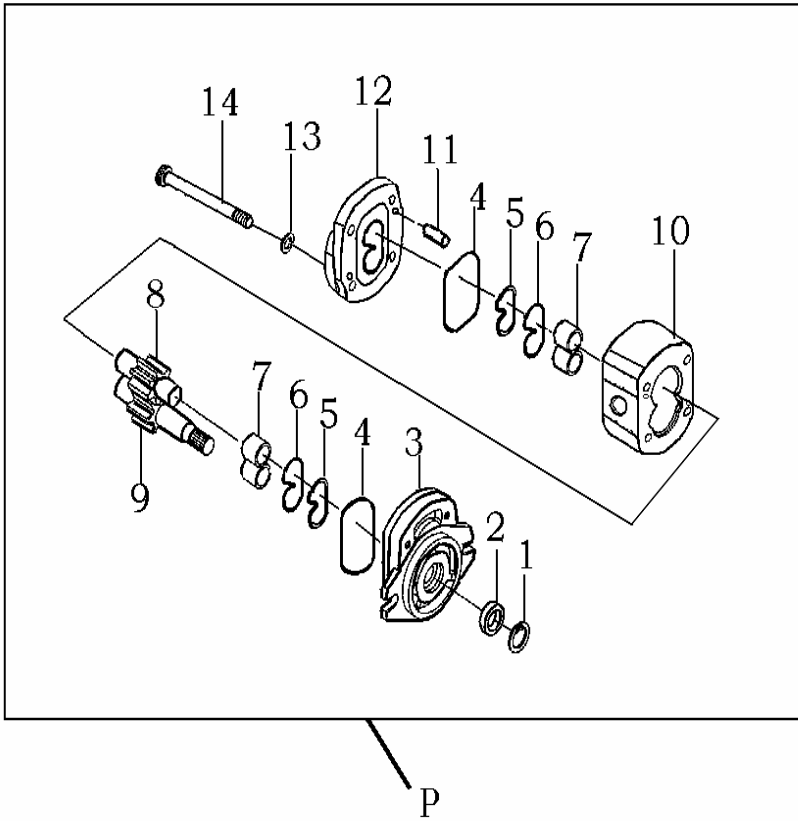
序号 Item No.	图号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	GB5783-86	螺栓 M10X70 Bolt M10X70	1		20004981	0.16
2	JS160-632004-000	挡圈 Snap ring	1		70025359	0.33
3	JS160-632003-000	垫片 Shim	2		70025358	0.16
4	JS160-632001-000	环箍 Clamp	1		70036425	1.32
5	JS160-632002-000	方螺母 Nut	1		70025357	0.66
6	XQD-8.6-2-G00	油泵电机 Pump Motor	1	1.3~2.0t	11009284	475.00
7	CBTDH-F416-ALH4 -G00	齿轮油泵 Gear pump	1		11001864	144.24
8	JB982-77	垫圈 24 Washer 24	1		20001824	0.13
9	14RH-600006	直通接头 Connector	1		70018790	0.92
10	Q672-35-G00	双钢丝式环箍 35 Clamp 35	2		11000716	0.39
11	JS160-600001-000	吸油管 Hose	1		11000716	3.93
12	GB5783-86	螺栓 M6X16 Bolt M6X16	4		20000240	0.04
13	GB93-87	垫圈 6 Washer 6	4		20000054	0.01
14	JS160-640000-000	滤油器总成 Strainer	1		70025368	10.66
15	GB1235-76	O形密封圈 70X3.5 O-Ring 70X3.5	1		20005307	0.20
16	GB70-85	螺钉 M10X30 Screw M10X30	2		20000687	0.10
17	GB93-87	垫圈 10 Washer 10	2		20000003	0.02
18	JB982-77	垫圈 22 Washer 22	1		20001082	0.13
19	25PH-600006	直通管接头 Connector	1		70015850	0.90
20	GB5782-86	螺栓 M10X50 Bolt M10X50	4		20003118	0.14
21	GB97.1-85	垫圈 10 Washer 10	4		20000686	0.01
22	2D-10-00-01	缓冲座 Buffer block	8		70002408	0.51
23	2D-10-00-02	橡胶垫 Rubber pad	8		70002409	0.31
24	JS160-633000-000	电机托架 Bracket	1		70025361	23.03

图 17 油泵装置
Fig.17 Pump device



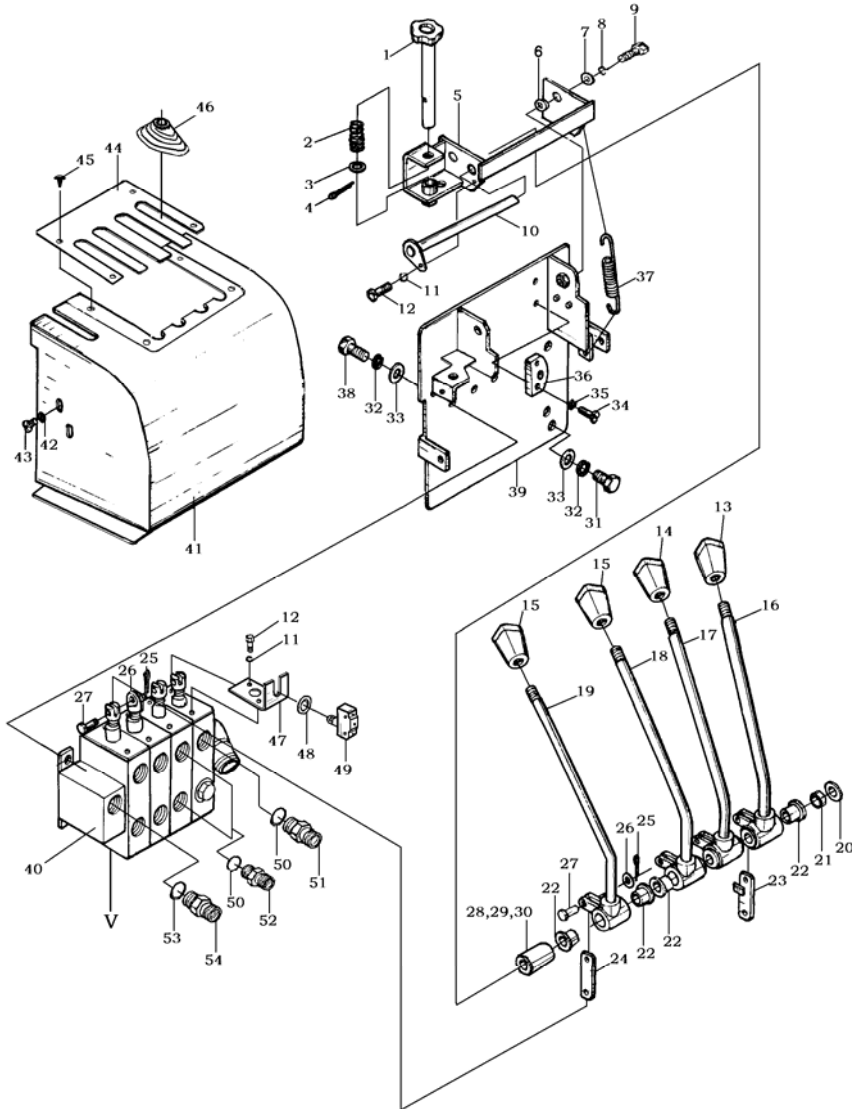
序号 Item No.	图号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	XQD-8.6-2-C.B.	碳刷 Carbon brush, pump motor	8			2.50
B	XQD-8.6-2-B.S.	碳刷弹簧 Brush spring, pump motor	8			3.00
C	XQD-8.6-2-B.B.	碳刷支架 Brush bracket, pump motor	4			8.67

图 17-P 泵总成
Fig.17-P Pump unit



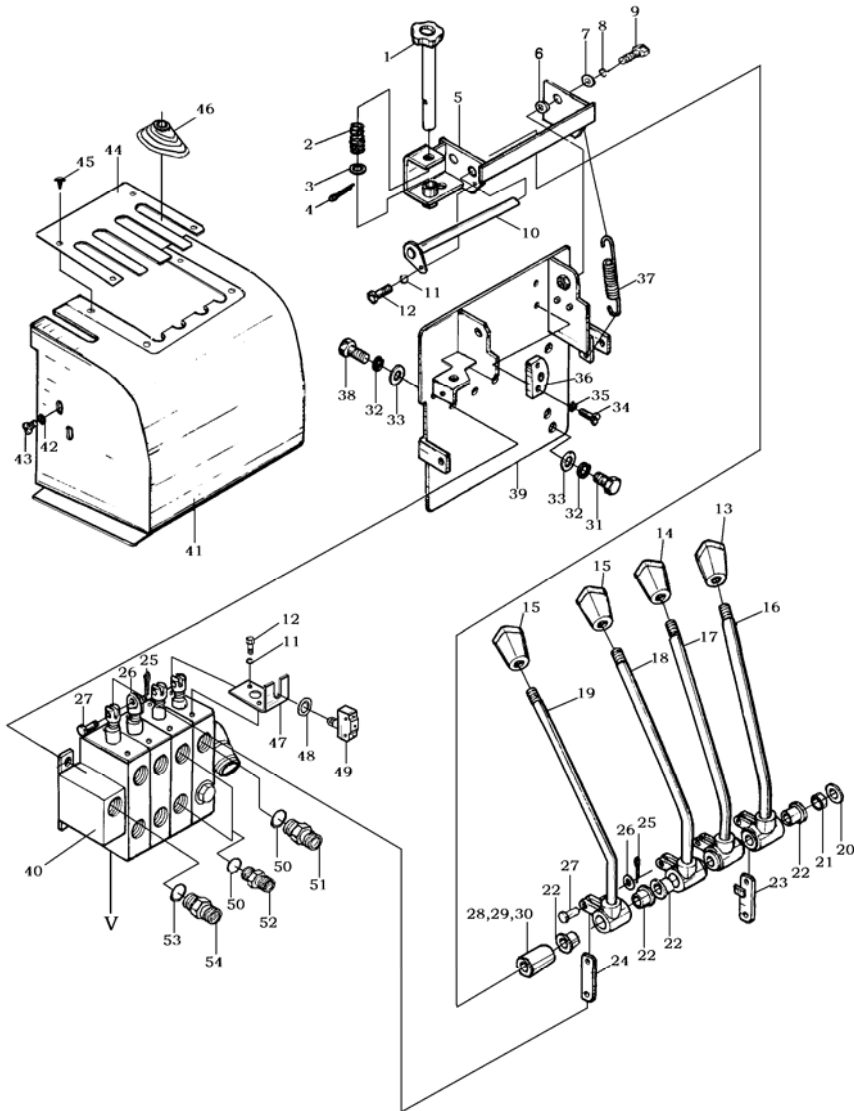
序号 Item No.	图号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	NO PART NO.	挡圈 Closing ring	1	DO NOT SUPPLY SEPARATELY	1100186401	
2	NO PART NO.	油封 Shaft seal	2		1100186402	
3	NO PART NO.	前盖 Front cover	1		1100186403	
4	NO PART NO.	密封圈 I Seal ring I	2		1100186404	
5	NO PART NO.	密封圈 II Seal ring II	2		1100186405	
6	NO PART NO.	密封圈 III Seal ring III	2		1100186406	
7	NO PART NO.	轴衬 Bushing	2		1100186407	
8	NO PART NO.	从动齿轮 Gear,driven	1		1100186408	
9	NO PART NO.	主动齿轮 Gear,drive	1		1100186409	
10	NO PART NO.	泵体 Body	1		1100186410	
11	NO PART NO.	销 Plug	4		1100186411	
12	NO PART NO.	后盖 Rear cover	1		1100186412	
13	NO PART NO.	垫圈 Washer	4		1100186413	
14	NO PART NO.	螺栓 Bolt	4		1100186414	
K1	K1-F416	密封件修理包 Seal kit	1	INC. 1,2,4,5,6	1100186415	

图 18 多路阀操纵(一)
Fig. 18 Control valve(I)



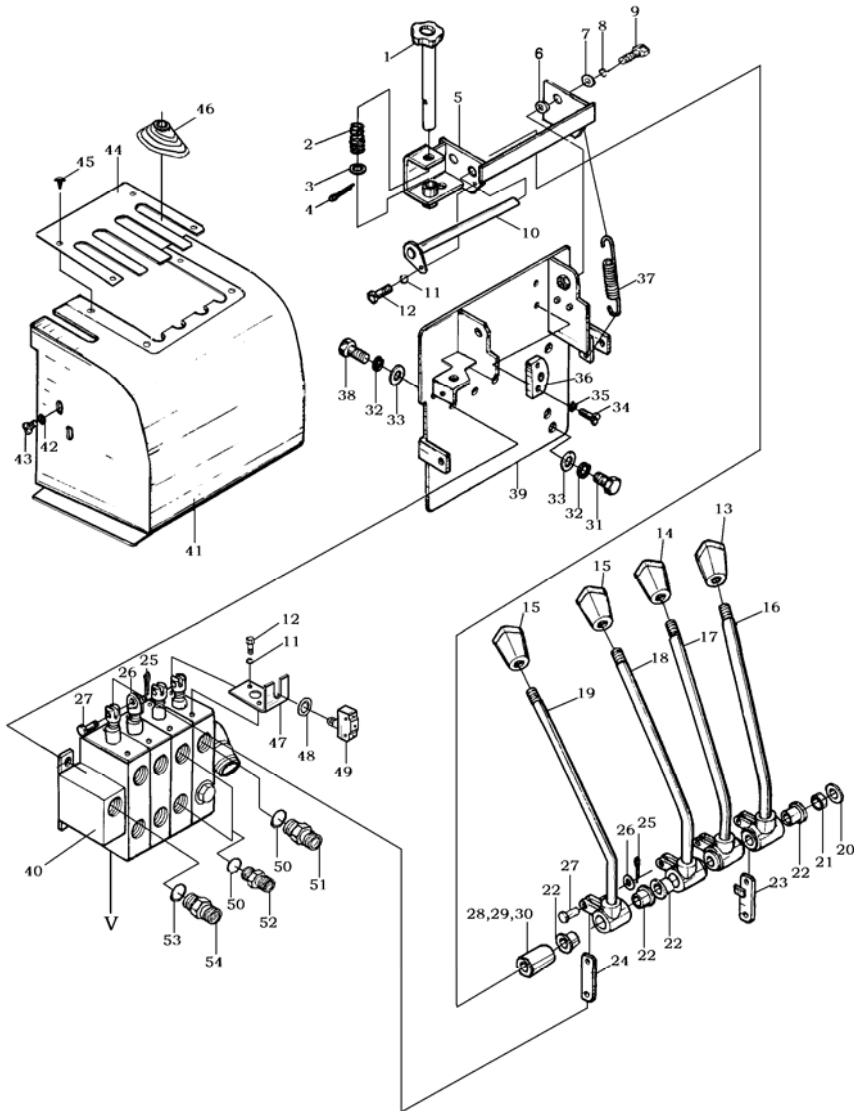
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	JS160-617000-000	把手 Knob	1		70028372	1.48
2	JS160-610004-000	压簧 Spring	1		70028374	0.45
3	GB97.1-85	垫圈 10 Washer 10	1		20000686	0.02
4	GB91-86	销 2.5X16 Pin 2.5X16	1		20001036	0.01
5	JS160-618000-000	调节支架 Bracket	1		70028382	14.47
6	JS160-610011-000	套 Spacer	2		70033743	
7	GB97.1-85	垫圈 8 Washer 8	2		20000034	0.01
8	GB93-87	垫圈 8 Washer 8	2		20000026	0.01
9	GB5786-86	螺栓 M8X1X25 Blot M8X1X25	2		20003579	0.15
10	JS160-610100-000	销轴 Pin shaft	1		70033745	2.20
11	GB93-87	垫圈 6 Washer 6	5	三联 7,四联 9(Q'ty)	20000054	0.01
12	GB5783-86	螺栓 M6X12 Blot M6X12	5	三联 7,四联 9(Q'ty)	20000573	0.03
13	N163-610001-000	起升手把 Knob	1		70004773	1.65
14	N163-610002-000	倾斜手把 Knob	1		70004772	1.65
15	N163-610003-000	侧移手把 Knob	2	三联 1,四联 2(Q'ty)	70004751	1.65
16	JS160-613000-000	起升手柄 Lifting lever	1		70025340	5.26
17	JS160-614000-000	倾斜手柄 Tilting lever	1		70025343	5.26
18	JS160-615000-000	属具手柄 I Control lever	1	三联用	70025345	5.26
19	JS160-616000-000	属具手柄 II Control lever	1	四联用	70025347	5.26
20	JS160-610010-000	调整垫 Washer	1		70029579	0.33
21	JS160-610008-000	隔套 Spacer	1		70028383	1.32
22	N163-612001-000	衬套 Bushing	4	三联 6,四联 8(Q'ty)	70013529	0.38
23	JS160-619000-000	连接杆 I Lever	1		70028670	1.97

图 18 多路阀操纵(二)
Fig. 18 Control valve(II)



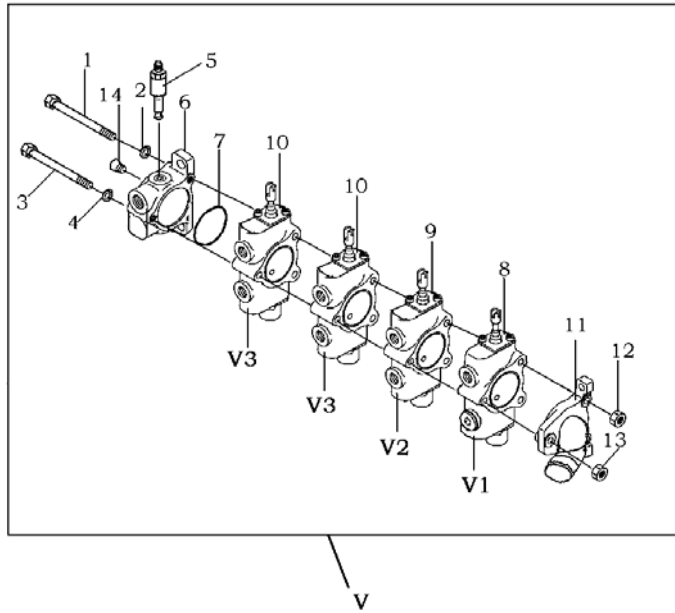
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
24	JS160-610003-000	连接杆 II Lever	1	三联 2,四联 3(Q'ty)	70025339	1.97
25	GB91-86	销 1.6X12 Pin 1.6X12	4	三联 6,四联 8(Q'ty)	20001038	0.01
26	GB97.1-85	垫圈 5 Washer5	4	三联 6,四联 8(Q'ty)	20000719	0.01
27	25DE-71-3	销轴 Pin shaft	4	三联 6,四联 8(Q'ty)	70003761	0.52
28	JS160-610006-000	隔套 Spacer	1	二联用	70028385	1.64
29	JS160-610009-000	隔套 Spacer	1	三联用	70028384	1.64
30	JS160-610012-000	隔套 S pacer	1	四联用	70033744	0.82
31	GB5783-86	螺栓 M10X25 Bolt M10X25	3		20000009	0.10
32	GB93-87	垫圈 10 Washer 10	6		20000003	0.02
33	GB97.1-85	垫圈 10 Washer 10	6		20000686	0.02
34	GB67-85	螺钉 M4X25	2		20002134	0.02
35	GB93-87	垫圈 4 Washer 4	2		20000471	0.01
36	9832-G00	电位器 Potentio meter	1		11007836	59.30
37	JS160-610005-000	弹簧 Spring	1		70028669	0.87
38	GB5786-86	螺栓 M10X1.25X25 Bolt M10X1.25X25			20001121	0.20
39	JS160-612000-000	支架 Bracket	1		70025333	16.78
40	JS160-611100-000	多路换向阀 Multi-way valve	1	二联阀 2 spool valve	70025327	170.50
	三联阀 3 spool valve			70025328	210.00	
	四联阀 4 spool valve			70025329	275.00	

图 18 多路阀操纵(三)
Fig. 18 Control valve(III)



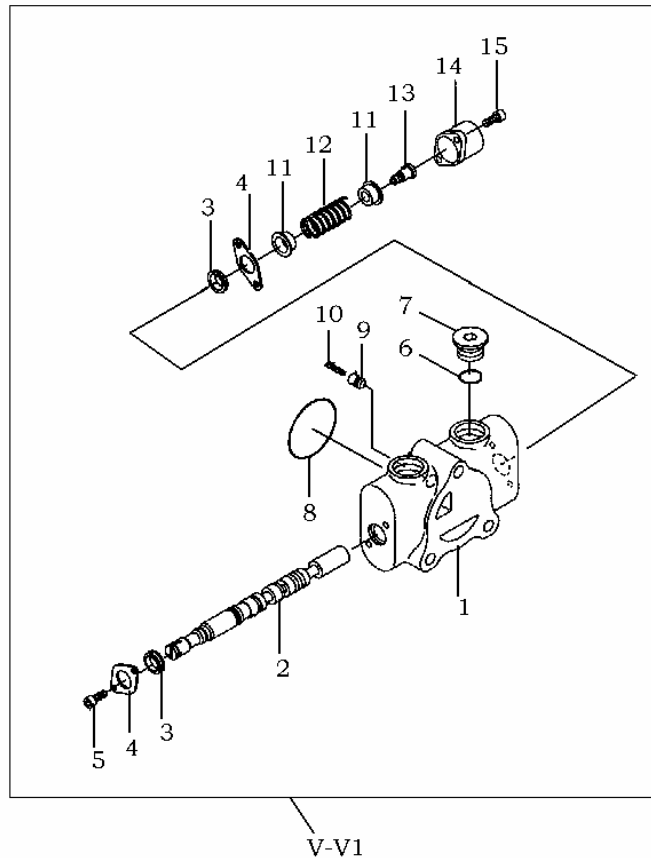
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
41	JS160-620001-000	罩壳 Cover	1	二联用 Use for 2spool valve	70028395	7.89
	JS160-620002-000			三联用 Use for 3spool valve	70028396	7.89
	JS160-620003-000			四联用 Use for 4spool valve	70028390	7.89
42	GB93-87	垫圈 5 Washer 5	3		20000719	0.01
43	GB67-85	螺钉 M5X10 Scraw M5X10	3		20000241	0.02
44	JS160-620004-000	罩板 Cover	1	二联用 Use for 2spool valve	70033293	7.89
	JS160-620005-000			三联用 Use for 3spool valve	70033294	7.89
	JS160-620006-000			四联用 Use for 4spool valve	70033295	7.89
45	N163-610100-W00	扣件 Fastener	4		70022103	0.42
46	FXK108-G00	护套 Rubber	2	三联 3,四联 4(Q'ty)	70030005	1.80
47	JS160-611001-000	开关支架 Bracket	2	三联 3,四联 4(Q'ty)	70025330	4.61
48	GB861.1-87	垫圈 12 Washer 12	2	三联 3,四联 4(Q'ty)	20004980	0.05
49	TM1308-G00	微动开关 Inching switch	2	三联 3,四联 4(Q'ty)	11008380	6.84
50	GB1235-76	O形密封圈 22X2.4 O-Ring 22X2.4	3	三联 5,四联 7(Q'ty)	20000123	0.07
51	JS160-6114001-000	接头体 Connector	1		70025332	0.59
52	N163-611801-000	接头体 Connector	2		70022529	0.49
53	GB1235-76	O形密封圈 24X2.4 O-Ring 24X2.4	1		20000138	0.08
54	JS160-611002-000	直通管接头 Connector	1		70031492	0.66

图 18-V 多路阀总成
Fig.18-V Valve -assembly



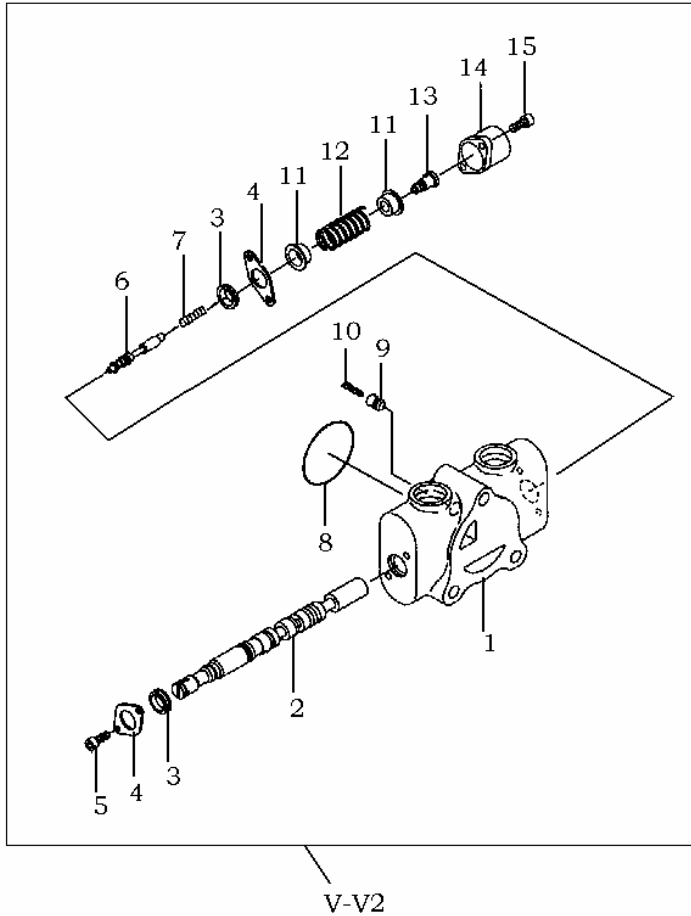
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	NO PART NO.	螺栓 Bolt	2	DO NOT SUPPLY SEPARATELY	700253270101	
2	GB93-87	垫圈 8 Washer 8	2		700253270102	
3	NO PART NO.	螺栓 Bolt	1		700253270103	
4	GB93-87	垫圈 10 Washer 10	1		700253270104	
5	NO PART NO.	主安全阀 Valve,main-relief	1		700253270105	
6	NO PART NO.	进油阀片 Cover,front	1		700253270106	
7	NO PART NO.	O形密封圈 O-ring	1		700253270107	
8	NO PART NO.	升降阀片 Section,valve,lift	1		700253270108	
9	NO PART NO.	倾斜自锁阀片 Section,valve,tilt	1		700253270109	
10	NO PART NO.	属具阀片 Section,valve.C	2		700253270110	
11	NO PART NO.	回油阀片 Cover,rear	1		700253270111	
12	GB6175-86	螺母 Nut M8	2		700253270112	
13	GB6176-86	螺母 Nut M10	1		700253270113	
14	NO PART NO.	螺塞 Plug	1		700253270114	
K1	NO PART NO.	V 修理包 Seal kit of V	1	INC. 7 & K1-V1& K1-V2 &/or K1-V3.	700253270115	

图 18-V-V1 起升阀片
Fig.18-V-V1 Lift valve section



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	NO PART NO.	阀体 Body	1	DO NOT SUPPLY SEPARATELY	700253270201	
2	NO PART NO.	阀芯 Spool	1		700253270202	
3	NO PART NO.	密封圈 O-ring	2		700253270203	
4	NO PART NO.	罩板 Plate	2		700253270204	
5	NO PART NO.	螺栓 Blot	2		700253270205	
6	NO PART NO.	O形密封圈 O-ring	1		700253270206	
7	NO PART NO.	螺塞 Plug	1		700253270207	
8	NO PART NO.	O形密封圈 O-ring	1		700253270208	
9	NO PART NO.	单向阀 Poppet	1		700253270209	
10	NO PART NO.	弹簧 Spring	1		700253270210	
11	NO PART NO.	弹簧支承 Retainer, spring	2		700253270211	
12	NO PART NO.	弹簧 Spring	1		700253270212	
13	NO PART NO.	螺钉 Screw	1		700253270213	
14	NO PART NO.	盖 Cap	1		700253270214	
15	NO PART NO.	螺栓 Blot	2		700253270215	
V-V1	NO PART NO.	起升阀片 section, valve, lift	1	Total 1-15	7002532702	
K1-V1	NO PART NO.	V1 修理包 Seal kit of V1	1	INC. 3,6,8	700253270216	

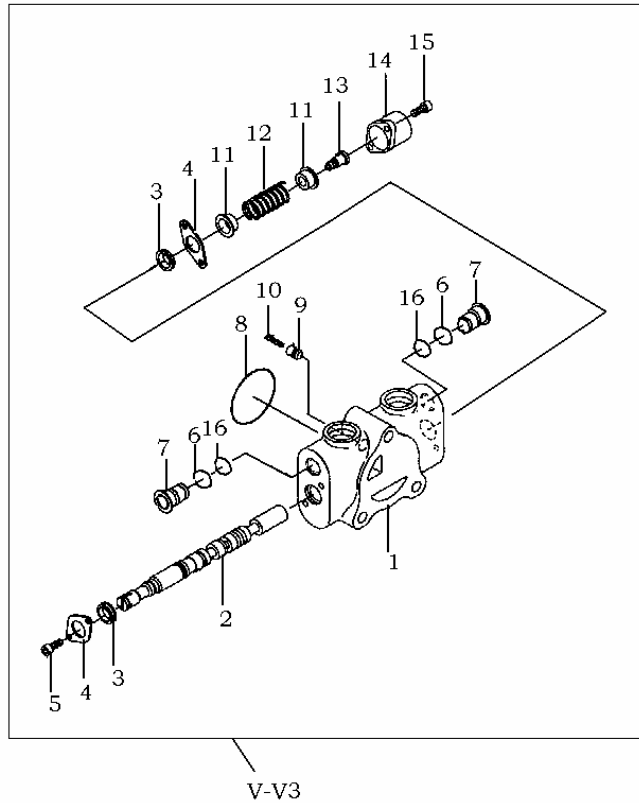
图 18-V-V2 倾斜阀片
Fig.18-V-V2 Tilt valve section



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	NO PART NO.	阀体 Body	1	DO NOT SUPPLY SEPARATELY	700253270301	
2	NO PART NO.	阀芯 Spool	1		700253270302	
3	NO PART NO.	密封圈 O-ring	2		700253270303	
4	NO PART NO.	罩板 Plate	2		700253270304	
5	NO PART NO.	螺栓 Blot	2		700253270305	
6	NO PART NO.	阀芯 Spool,pilot	1		700253270306	
7	NO PART NO.	弹簧 Spring	1		700253270307	
8	NO PART NO.	O形密封圈 O-ring	1		700253270308	
9	NO PART NO.	单向阀 Poppet	1		700253270309	
10	NO PART NO.	弹簧 Spring	1		700253270310	
11	NO PART NO.	弹簧支承 Retainer,spring	2		700253270311	
12	NO PART NO.	弹簧 Spring	1		700253270312	
13	NO PART NO.	螺钉 Screw	1		700253270313	
14	NO PART NO.	盖 Cap	1		700253270314	
15	NO PART NO.	螺栓 Blot	2		700253270315	
V-V2	NO PART NO.	倾斜自锁阀片 Section, valve, tilt	1	Total 1-15	7002532703	
K1-V2	NO PART NO.	V2 修理包 Seal kit of V2	1	INC. 3,8	700253270316	

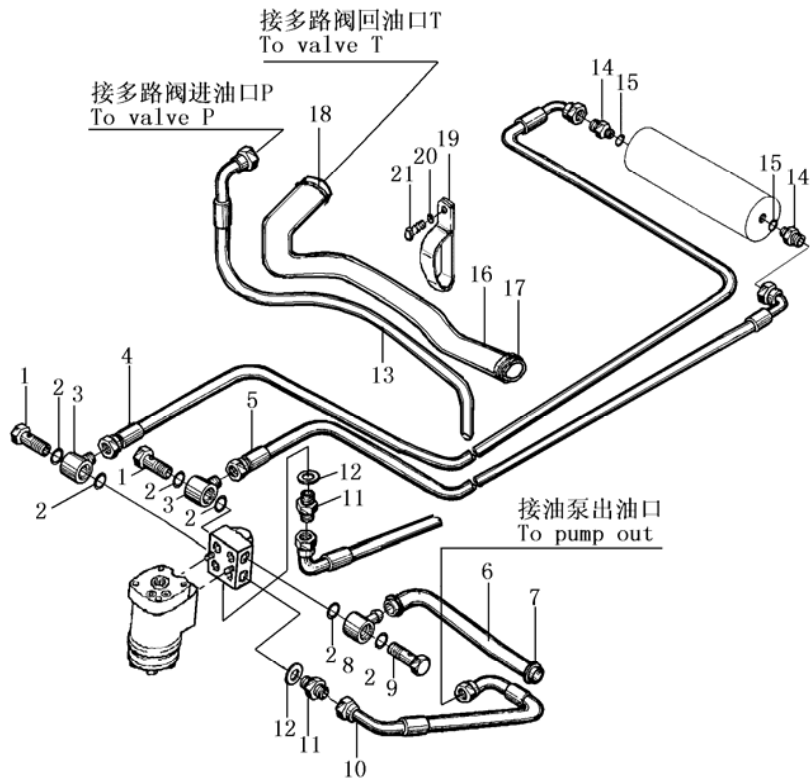
图 18-V-V3
Fig.18-V-V3

属具阀片
Valve section C



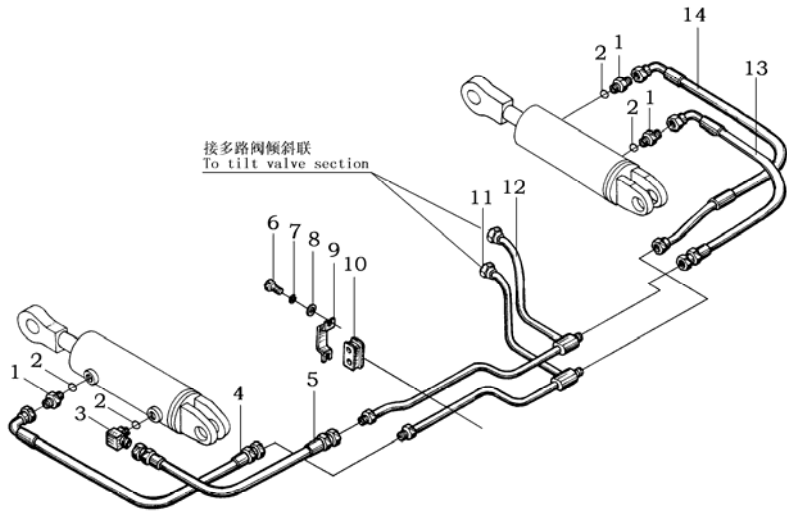
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	NO PART NO.	阀体 Body	1	DO NOT SUPPLY SEPARATELY	700253270401	
2	NO PART NO.	阀芯 Spool	1		700253270402	
3	NO PART NO.	密封圈 O-ring	2		700253270403	
4	NO PART NO.	罩板 Plate	2		700253270404	
5	NO PART NO.	螺栓 Blot	2		700253270405	
6	NO PART NO.	O形密封圈 O-ring	2		700253270406	
7	NO PART NO.	螺塞 Plug	2		700253270407	
8	NO PART NO.	O形密封圈 O-ring	1		700253270408	
9	NO PART NO.	单向阀 Poppet	1		700253270409	
10	NO PART NO.	弹簧 Spring	1		700253270410	
11	NO PART NO.	弹簧支承 Retainer,spring	2		700253270411	
12	NO PART NO.	弹簧 Spring	1		700253270412	
13	NO PART NO.	螺钉 Screw	1		700253270413	
14	NO PART NO.	盖 Cap	1		700253270414	
15	NO PART NO.	螺栓 Blot	2		700253270415	
16	NO PART NO.	O形密封圈 O-ring	2		700253270416	
V-V3	NO PART NO.	倾斜自锁阀片 Section, valve, tilt	1	Total 1-16	7002532704	
K1-V3	NO PART NO.	V3 修理包 Seal kit of V3	1	INC. 3,6,8,16	700253270417	

图 19 转向油路
Fig. 19 Steering Oil Pipe



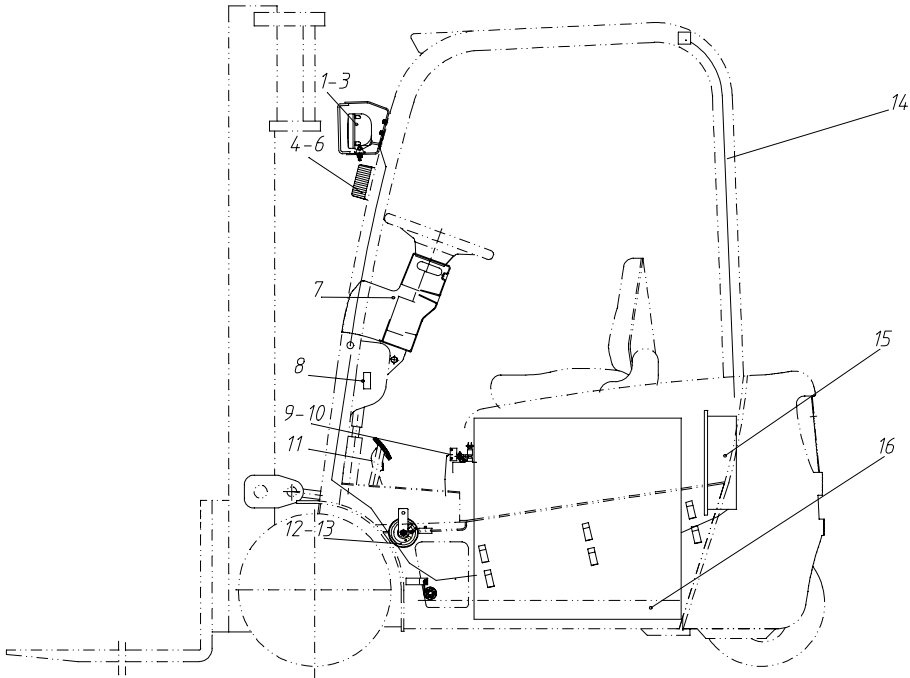
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	14RH-600005	铰接螺栓 Bolt	2		70018789	1.48
2	GB1235-76	O形密封圈 24X2.4 O-Ring 24X2.4	6		20000138	0.08
3	14RH-600004	铰接接头 Connector	2		70018788	1.32
4	JS160-650300-000	胶管总成 Hose	1	1.6~1.8t	70025376	23.55
	2t			70029529	14.65	
	1.3~1.5t			70029853	13.24	
5	JS160-650400-000	胶管总成 Hose	1	1.6~1.8t	70025377	20.66
	2t			70029530	13.32	
	1.3~1.5t			70029854	13.32	
6	JS160-650001-W00	低压胶管 Hose	1		11000382	0.59
7	Q672-24-G00	双钢丝式环箍 24 Clamp 24	2		11000147	0.31
8	JS160-650003-000	接头体 Connector	1		70028373	1.32
9	25PH-600009	铰接螺栓 Bolt	1		70012183	2.08
10	JS160-650100-000	胶管总成 Hose	1		70025373	15.23
11	14RH-600002	直通管接头 Connector	2		70017222	0.99
12	JB982-77	垫圈 20 Washer 20	2		20000024	0.13
13	JS160-650200-000	胶管总成 Hose	1		70025375	24.51
14	JB982-77	垫圈 14 Washer 14	2		20000045	0.10
15	JS160-650002-000	直通接头 Connector	2		70025378	0.82
16	JS160-600002-000	回油管 Hose	1		70025371	12.42
17	Q672-35-G00	双钢丝式环箍 35 Clamp 35	1		11000716	0.39
18	Q672-42-G00	双钢丝式环箍 42 Clamp 42	1		11000954	0.38
19	JS160-600003-000	管带 Clamp	1		70025394	1.58
20	GB93-87	垫圈 8 Washer 8	1		20000026	0.01
21	GB5783-86	螺栓 M8X16 Bolt M8X16	1		20000107	0.04

图 20 倾斜油缸管路
Fig. 20 Tilting cylinder oil pipe



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	JS160-660501-000	直通接头 Connector	3		70022388	0.49
2	JISB2401-P11-G00	O形密封圈 P11 O-Ring P11	4		11007272	0.13
3	N163-620800-000	90° 管接头 Connector	1		70022115	4.78
4	JS160-660100-000	胶管总成 Hose	1		70025381	10.69
5	JS160-660400-000	胶管总成 Hose	1		70030848	10.46
6	GB5783-86	螺栓 M6X20 Bolt M6X20	2		20000010	0.04
7	GB93-87	垫圈 6 Washer 6	2		20000054	0.01
8	GB97.1-85	垫圈 6 Washer 6	2		20000785	0.01
9	JS160-660002-000	压板 Plate	1		70025431	1.84
10	N163-620002-000	固定块 Rubber	1		70022107	0.53
11	JS160-662000-000	硬管总成 Pipe assy	1		70025388	11.64
12	JS160-661000-000	硬管总成 Pipe assy	1		70025383	11.64
13	JS160-660200-000	胶管总成 Hose	1		70025382	10.46
14	JS160-660300-000	胶管总成 Hose	1		70025393	9.74

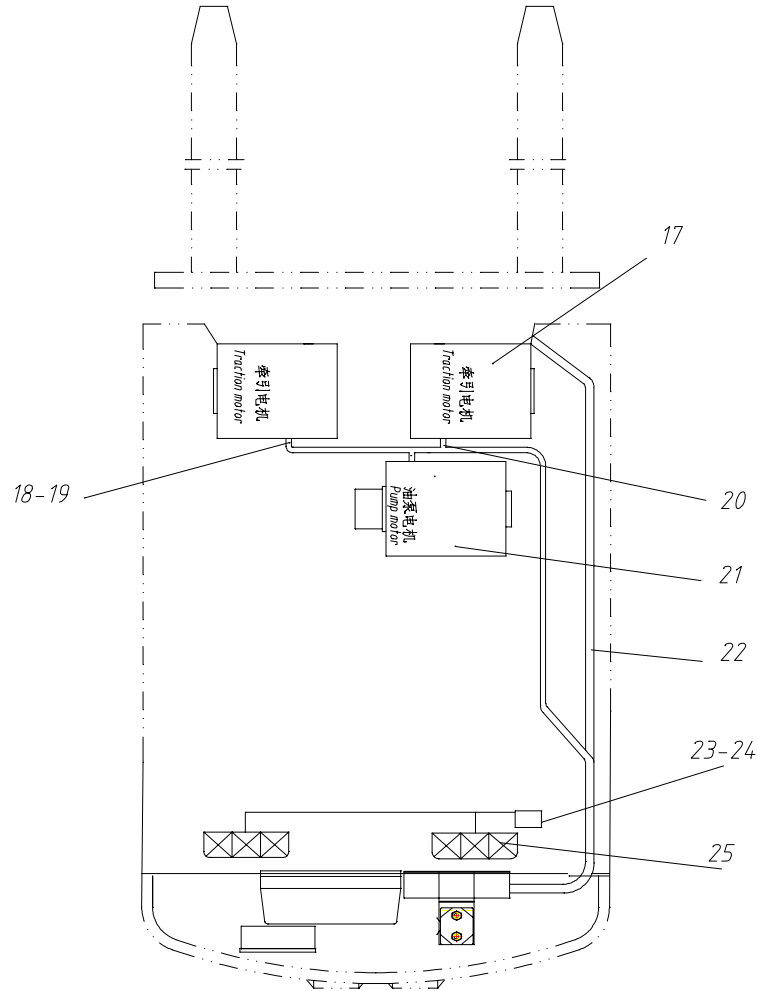
图 21-A 电气系统(一)
Fig.21-A Electrical System (I)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	见图 22-A(前大灯) See Fig 22-A (Head lamp)					12.50
2	JS160-751000-000	左前大灯架 Frame for left head lamp	1		70028381	8.42
3	JS160-752000-000	右前大灯架 Frame for right head lamp	1		70028392	8.42
4	见图 22-B(前小灯) See Fig 22-B(Front combination lamp)					5.21
5	JS160-754001-000	左前小灯架 Frame for left combination lamp	1		70025422	3.95
6	JS160-754002-000	右前小灯架 Frame for right combination lamp	1		70025423	3.95
7	见图 23(仪表盘) See Fig. 23 (Meter panel)					
8	BX306-G00	保险丝盒 Fuse box	1		11002507	3.29
9	TM1308-G00	微动开关 Micro switch	2		11008380	6.84
10	9832-G00	电位器 Pot	1	1.3-2t	11007836	59.30
11	JK231	制动灯开关 Brake signal switch	2		11001435	3.13
12	DL224ED-G00	喇叭 Horn 24V	1		11001405	4.28
13	A-0507003-G00	喇叭滤波器 Filter for horn	1		11001857	11.05
14	JS160-770000-000	转接线束 Connect wire	1		70025425	4.93
15	JS160-720000-000	电控总成 Controller ass'y	1	CPDS13-20J	70025404	2475.00
	CPDS13-20J D1			70029556	3062.00	
16	JS130-730000-000	蓄电池总成 Battery ass'y	1	1.3-1.5t	70029856	1626.33
	JS160-730000-000			1.6-1.8t	70025408	1979.67
	JS200-730000-000			2t	70029535	2320.10

图 21-B
Fig.21-B

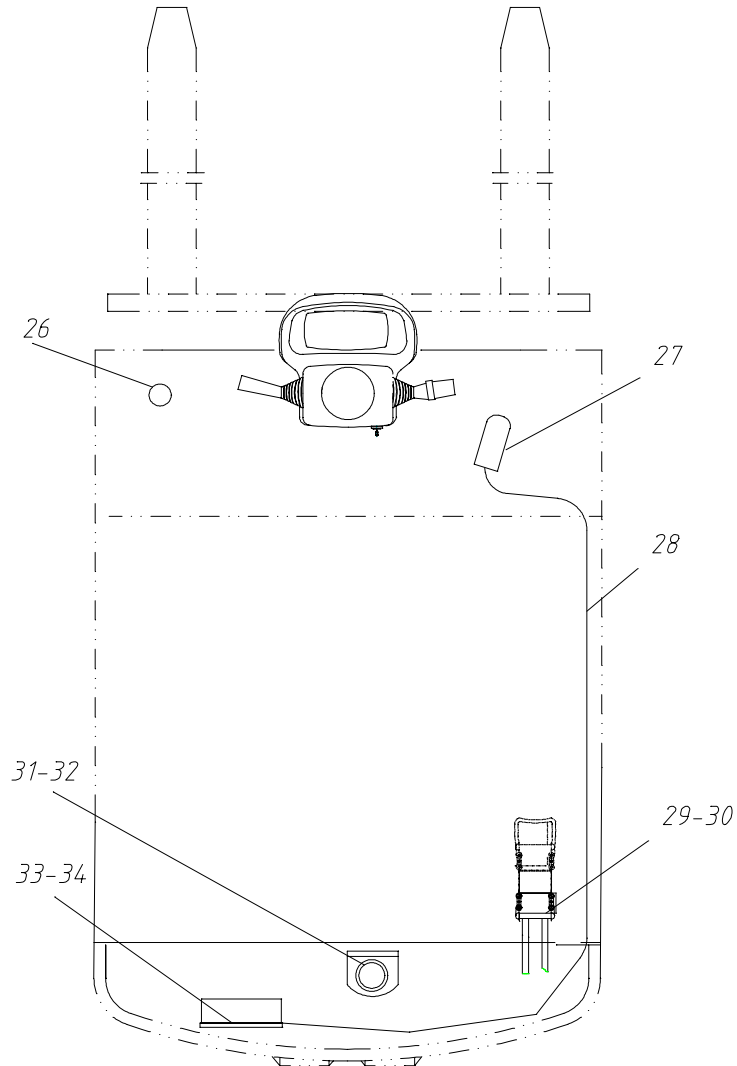
电气系统(二)
Electrical system (II)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
17	0501007341-G00	牵引电机 Traction motor	2	CPDS13-20J	11007931	
	TSP-112/4-90-G00		2	CPDS13-20J D1	11008546	
18	JS130-701000-000	牵引电机电枢电缆	1	CPDS13/15J	70029863	46.80
	JS160-701000-000			CPDS16/18J	70025397	42.92
	JS200-701000-000			CPDS20J	70029542	49.10
	JS131-701000-000	牵引电机电缆 Traction motor cable		CPDS13/15J D1	70032997	77.00
	JS161-701000-000			CPDS16/18J D1	70029554	77.44
	JS201-701000-000			CPDS20J D1	70033135	80.80
19	JS130-702000-000	牵引电机励磁电缆 Traction motor field cable	1	CPDS13-15J	70029864	14.00
	JS160-702000-000			CPDS16-18J	70025398	11.88
	JS200-702000-000			CPDS20J	70029543	16.95
	JS161-702000-000	左电机信号线 Left traction signal		1	CPDS13-20J D1	70032793
20	JS161-703000-000	右电机信号线 Right traction signal	1	CPDS13-20J D1	70032794	8.12
21	JS160-631000-000	油泵电机 Pump motor	1		11009284	475.00
22	JS200-710000-000	车身电源电缆组 Socket ass'y	1	CPDS13-20J	70029546	30.43
	JS161-710000-000		1	CPDS13-20J D1	70029555	28.91
23	DJB-24C-G00	倒车蜂鸣器 Buzzer 24V	1		11007954	5.18
24	见图 22-C (尾灯总成) See Fig 25-C(Rear combination lamp)					10.50
25	JS160-780000-000	尾灯线束 Tail lamp cable	1		70025426	4.51

图 21-C
Fig.21-C

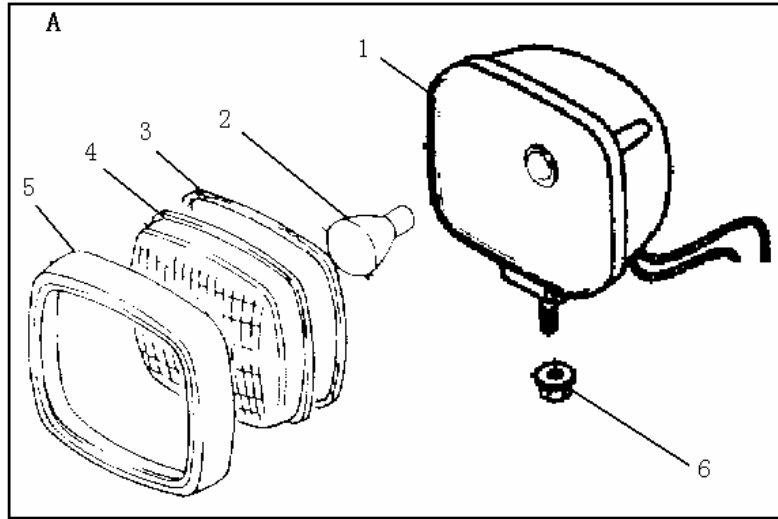
电气系统(三)
Electrical system (III)



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
26	XB2BT44C-G00	红色紧停按钮 Emergency disconnecter	1		11009541	7.74
27	COPP11-G00	加速器 Accelerator	1	CPDS13-20J	1100986501	136.00
	F3-142-G00			CPDS13-20J D1	11009865	200.00
28	JS200-705000- 000	加速器线 Accelerator wire	1	CPDS13-20J	70029547	5.79
	JS161-704000- 000			CPDS13-20J D1	70032795	2.04
29	JS160-790000- 000	车身电源电缆组 Socket ass'y	1	CPDS13-20J	70025427	56.44
	JS161-790000- 000			CPDS13-20J D1	70029564	59.45
30	JS160-791000- 000	支架 Bracket	1		70039270	
31	LTD152A-G00	警灯 Warning lamp	1		11002351	59.50
32	JS160-300003- 000	警灯支架 Bracket	1		70035046	1.65
33	VMC20-G00	控制盒 Control box		CPDS13-20J D1	1100854701	304.00
34	JS161-700001- 000	控制盒支架 Control box seat bracket	1	CPDS13-20J D1	70032792	5.87
A		喇叭按钮 Horn push-button	1			8.66

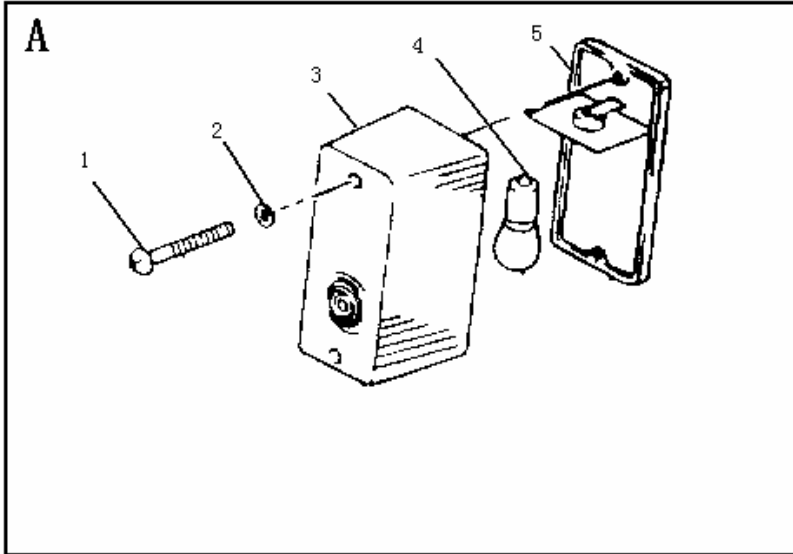
图 22-A
Fig. 22-A

前大灯
Head lamp



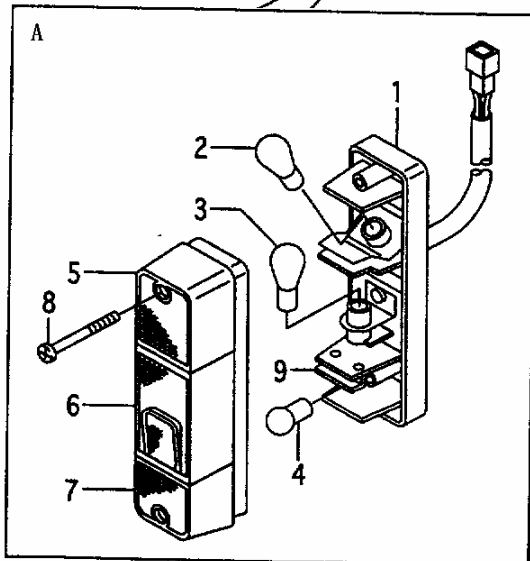
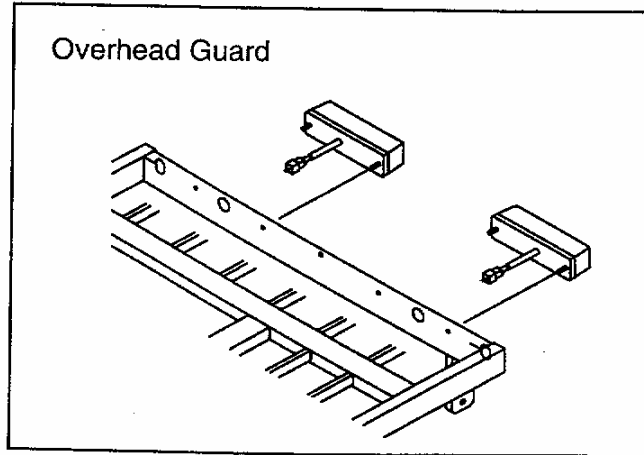
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	JS160-753000-000	前大灯 Head lamp	2		70025416	12.50
1	NO PART NO.	灯壳 Body	1	DO NOT SUPPLY SEPARATELY	7002541601	
2	NO PART NO.	灯泡 Bubble	1		7002541602	
3	NO PART NO.	密封圈 Seal	1	DO NOT SUPPLY SEPARATELY	7002541603	
4	NO PART NO.	玻璃罩 Glass	1		7002541604	
5	NO PART NO.	罩壳 Cover	1		7002541605	
6	NO PART NO.	螺母 Nut	1		7002541606	

图 22-B 前小灯
Fig. 22-B Front combination lamp



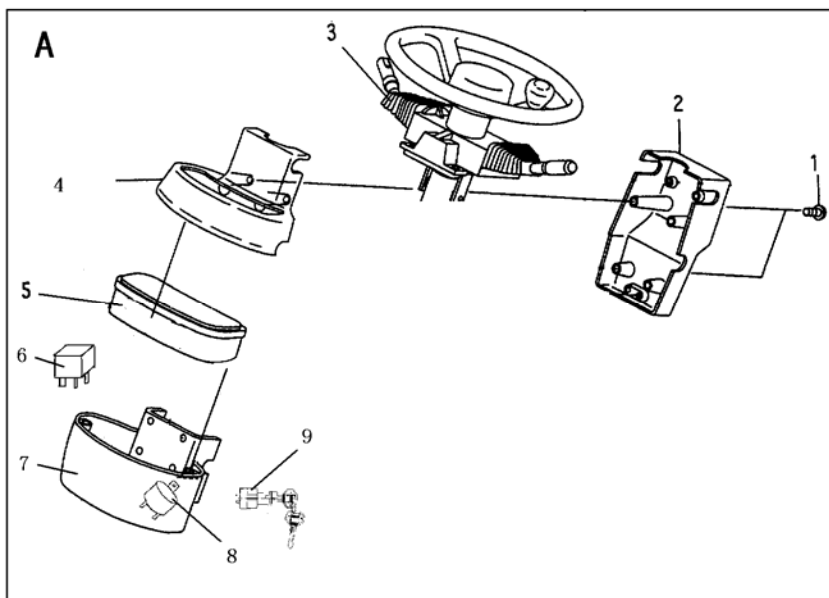
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	JS160-754100-000	前小灯 Front combination lamp	2		70028377	5.21
1	NO PART NO.	螺钉 Screw	2	DO NOT SUPPLY SEPARATELY	7002837701	
2	NO PART NO.	垫片 Washer	2		7002837702	
3	NO PART NO.	灯罩 Cover	1		7002837703	
4	NO PART NO.	灯泡 Bubble	1		7002837704	
5	NO PART NO.	灯底板 Bracket	1	DO NOT SUPPLY SEPARATELY	7002837705	

图 22-C 尾灯总成
Fig. 22-C Rear combination lamp



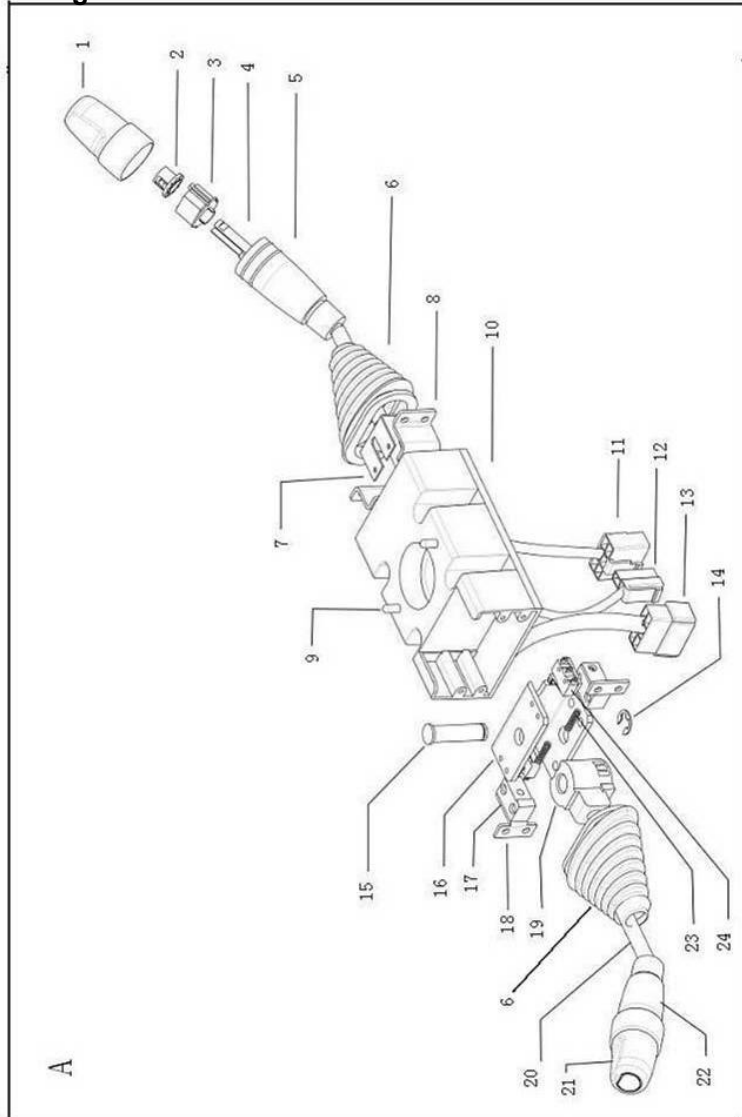
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	JS160-760000-000	尾灯总成 Rear combination lamp	2		70025424	10.50
1	NO PART NO.	灯底板	1	DO NOT SUPPLY SEPARATELY	7002542401	
2	NO PART NO.	转向灯泡 Bubble, turning signal	1		7002542402	
3	NO PART NO.	制动灯泡 Bubble, brake signal	1		7002542403	
4	NO PART NO.	倒车灯泡 Bubble, reverse signal	1		7002542404	
5	NO PART NO.	黄色罩壳 Cover, yellow	1	DO NOT SUPPLY SEPARATELY	7002542405	
6	NO PART NO.	红色罩壳 Cover, red	1		7002542406	
7	NO PART NO.	白色罩壳 Cover, white	1		7002542407	
8	GB818-85	螺钉 M5X70 Screw M5X70	2		7002542408	
9	NO PART NO.	遮光板 Bracket	4		7002542409	

图 23 仪表盘
Fig. 23 Meter panel



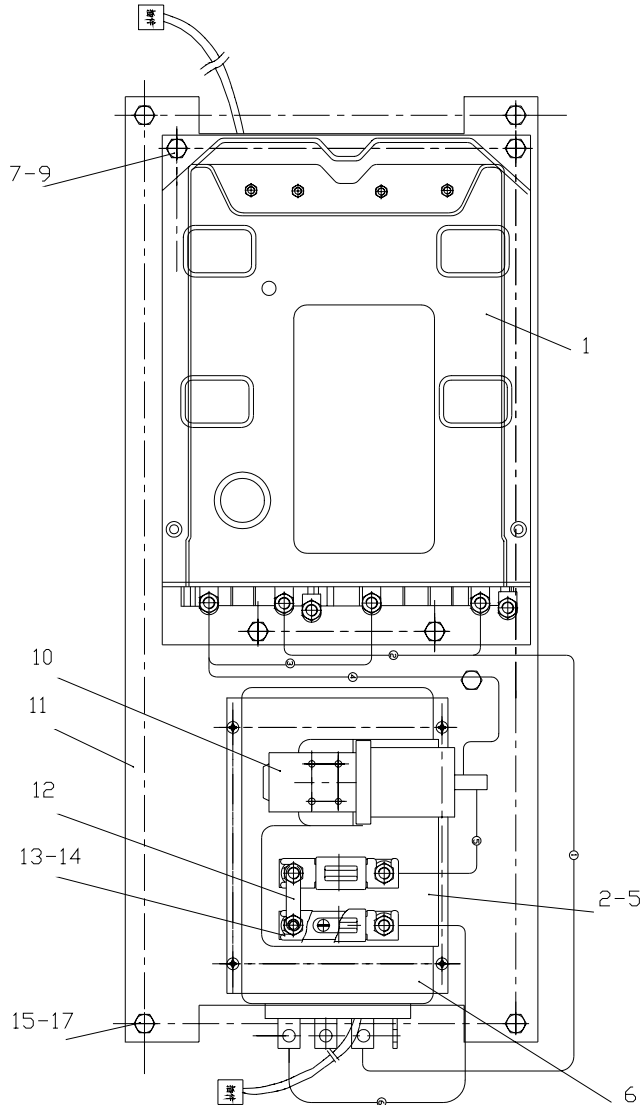
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	JS130-740000-000	仪表盘总成 Meter panel Ass'y	1	CPDS13-20J (包括 1,2,4,6-9) (Inc. 1,2,4,6-9)	11007955	145.25
	JP151-740000-000	仪表盘总成 Meter panel Ass'y	1	CPDS13-20JD1 (包括 1,2,4,6-9) (Inc. 1,2,4,6-9)	11009234	145.25
1	GB818-85	螺钉 Bolt M4X40	4		1100986001	
2	HC-HZB401-0103	后覆板 Back cover hood	1		1100986002	
3	见图 23-A(组合开关) See Fig. 23-A (Combination switch)					38.45
4	HZB104-G00	上壳体 Upper cover hood	1	CPDS13-20J	1100795501	
	HC-HZB401-0104			CPDS13-20JD1	1100923401	
5	MDI-G00	表头 Meter LCD	1	CPDS13-20J	1100795502	128.00
	OPT10-G00			CPDS13-20JD1	1100923401	304.00
6	HFV4-G00	继电器 Relay	3		1100986005	10.12
7	HC-H2B401-0102	下壳体 Lower cover hood	1		1100986006	
8	SG224C-G00	闪光器 Flasher	1		1100986007	1.72
9	JK411A-G00	钥匙开关 Key switch	1		1100986008	14.62

图 23-A 组合开关
Fig. 23-A Combination switch



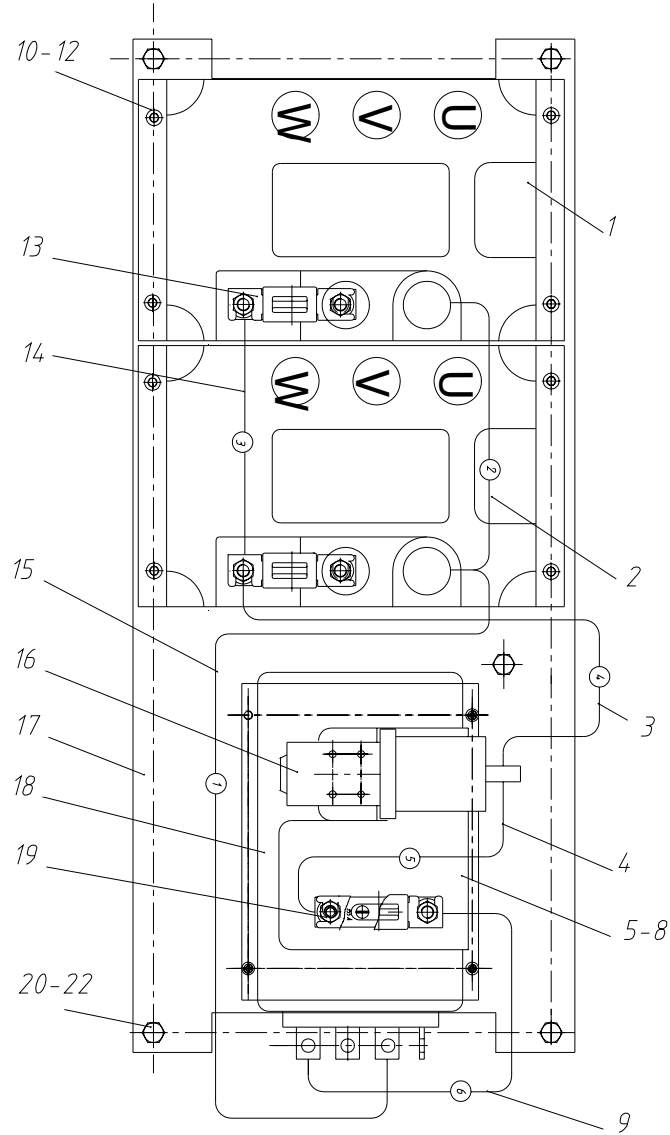
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	FXK800-HC-G00	组合开关 Combination switch	1		11010196	38.45
1	NO PART NO.	大小光手柄盖 Cover	1	DO NOT SUPPLY SEPARATELY	1101019601	
2	NO PART NO.	大小光压紧帽 Cap	1		1101019602	
3	NO PART NO.	大小光三触点 Contactor	1		1101019603	
4	NO PART NO.	大小光主轴铁杆 Level	1		1101019604	
5	NO PART NO.	大小光手柄 Knob	1		1101019605	
6	NO PART NO.	橡胶防尘罩 Dust proof cover	2		1101019606	
7	NO PART NO.	反抱箍 Clamp	1		1101019607	
8	NO PART NO.	连接片 Bracket	1		1101019608	
9	NO PART NO.	喇叭触点 Horn	1		1101019609	
10	NO PART NO.	主体中套 Bush	1		1101019610	
11	NO PART NO.	大小灯插座 Connector	1		1101019611	
12	NO PART NO.	喇叭插头 Horn cable	1		1101019612	
13	NO PART NO.	方向插头 Direction cable	1		1101019613	
14	NO PART NO.	卡簧 Snap ring	1		1101019614	
15	NO PART NO.	微动开关主轴 Micro Switch shaft	1		1101019615	
16	NO PART NO.	支架 Bracket	1		1101019616	
17	NO PART NO.	限位块 Bush	1		1101019617	
18	NO PART NO.	压紧块 Block	1		1101019618	
19	NO PART NO.	转头 Round pole	1		1101019619	
20	NO PART NO.	连接铁杆 Linker	1		1101019620	
21	NO PART NO.	换向手柄盖 Cover	1		1101019621	
22	NO PART NO.	换向手柄 Direction knob	1		1101019622	
23	NO PART NO.	弹簧 Spring	1		1101019623	
24	NO PART NO.	微动开关 Micro switch	1		1101019624	

图 24 控制器 (DC)
Fig. 24 Controller (DC)



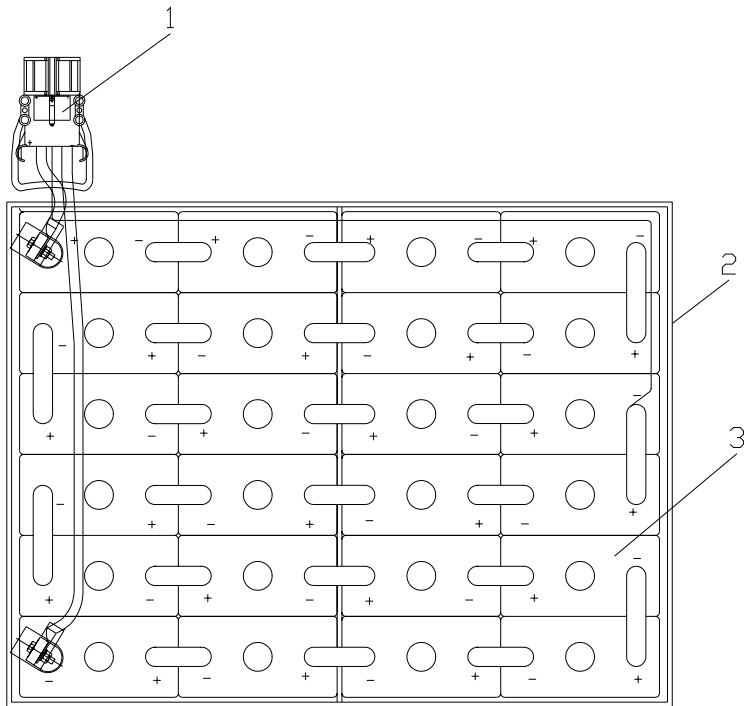
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	DUAL-SEM2 (700)-G00	控制器 Controller	1	CPDS13-20J	11007970	2110.00
2	JS160-720002- 000	支架 Bracket	1	CPDS13-20J	70025405	3.42
3	GB5783-86	螺栓 M5X12 Bolt	4	CPDS13-20J	20002308	0.03
4	GB93-87	垫圈 5 Washer 5	4	CPDS13-20J	20000160	0.01
5	GB97.1-85	垫圈 5 Washer	4	CPDS13-20J	20000719	0.01
6	HP350-G00	油泵控制器 Pump controller	1	CPDS13-20J	11007969	910.00
7	GB5783-86	螺栓 M8X30 Bolt	4	CPDS13-20J	20000033	0.08
8	GB93-87	垫圈 8 Washer 8	4	CPDS13-20J	20000026	0.01
9	GB97.1-85	垫圈 8 Washer	4	CPDS13-20J	20000034	0.01
10	SW200-10	主接触器 Main contactor	1	CPDS13-20J	11007823	155.00
11	JS160-720001- 000	散热板 Aluminium plate	1	CPDS13-20J	70025407	54.74
12	JS160-720003- 000	短接条 Shorter	1	CPDS13-20J	70025406	0.79
13	FU-355A-G00	保险丝 335A Fuse	1	CPDS13-20J	11008370	7.87
14	FU-425A-G00	保险丝 425A Fuse	1	CPDS13-20J	11008371	7.87
15	GB5783-86	螺栓 M10X30 Bolt	5	CPDS13-20J	20000004	0.10
16	GB93-87	垫圈 10 Washer 10	5	CPDS13-20J	20000003	0.02
17	GB97.1-85	垫圈 10 Washer	5	CPDS13-20J	20000686	0.01

图 25 控制器 (AC)
Fig. 25 Controller (AC)



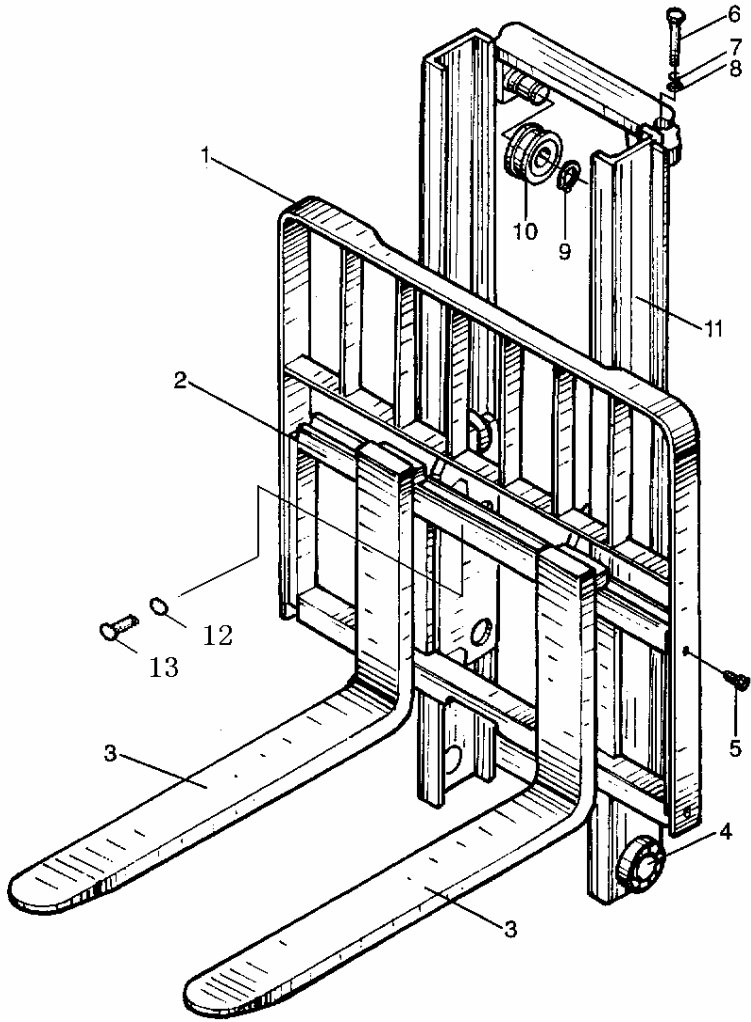
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	ACS 48/350-G00	牵引电控 Traction controller	2	CPDS13-20J D1	11008547	918.00
2	JS161-720020-000	2 号线 2nd line	1	CPDS13-20J D1	70029559	5.82
3	JS161-720040-000	4 号线 4th line	1	CPDS13-20J D1	70029561	6.39
4	JS161-720050-000	5 号线 5th line	1	CPDS13-20J D1	70029562	5.71
5	JS160-720002-000	支架 Bracket	1	CPDS13-20J D1	70025405	3.42
6	GB5783-86	螺栓 M5X12	4	CPDS13-20J D1	20002308	0.03
7	GB93-87	垫圈 5 Washer lock	1	CPDS13-20J D1	20000160	0.01
8	GB97.1-85	垫圈 5 Washer	4	CPDS13-20J D1	20000719	0.01
9	JS161-720060-000	6 号线 6th control line	1	CPDS13-20J D1	70029563	6.05
10	GB70-85	螺钉 M6X35 Screw	8	CPDS13-20J D1	20004266	0.05
11	GB93-87	垫圈 6 Washer lock	8	CPDS13-20J D1	20000054	0.01
12	GB97.1-85	垫圈 6 Washer	8	CPDS13-20J D1	20000785	0.01
13	FU-225A-G00	保险丝 225A Fuse	1	CPDS13-20J D1	11008548	7.86
14	JS161-720030-000	3 号线 3rd line	1	CPDS13-20J D1	70029560	5.71
15	JS161-720010-000	1 号线 1st line	1	CPDS13-20J D1	70029558	7.76
16	SW200/48-1	主接触器 Main contactor	1	CPDS13-20J D1	11007823	155.00
17	JS161-720001-000	散热板 Aluminium plate	1	CPDS13-20J D1	70029557	54.70
18	HP350-G00	油泵控制器 Pump controller	1	CPDS13-20J D1	11007969	910.00
19	FU-335A-G00	保险丝 335A	1	CPDS13-20J D1	11008370	7.86
20	GB93-87	垫圈 10 Washer lock	5	CPDS13-20J D1	20000003	0.01
21	GB97.1-85	垫圈 10 Washer	5	CPDS13-20J D1	20000686	0.02
22	GB5783-86	螺栓 M10X30 Bolt	5	CPDS13-20J D1	20000004	0.10

图 26 蓄电池组
Fig. 26 Battery box assy'



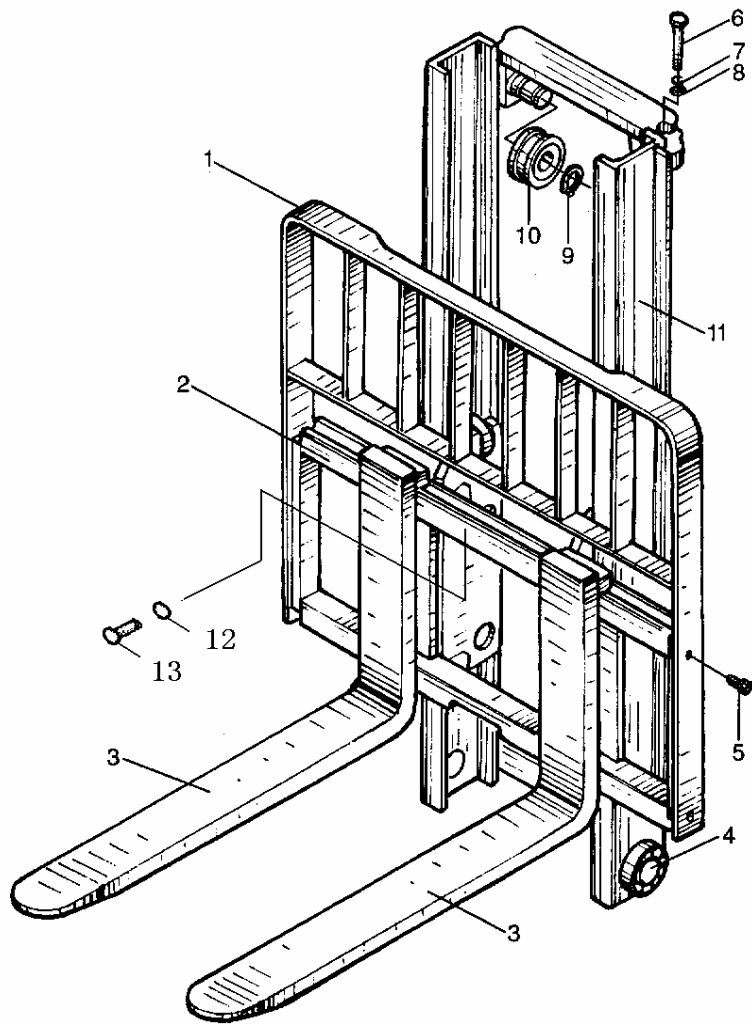
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	JS130-732000-000	蓄电池电源电缆组 Battery power cable	1	1.3t, 1.5t	70029857	51.71
	JS160-732000-000			1.6t, 1.8t	70025414	52.91
	JS200-732000-000			2t	70029536	55.22
2	JS130-731000-000	蓄电池箱 Battery box	1	1.3t, 1.5t	70029858	217.82
	JS160-731000-000			1.6t, 1.8t	70025409	249.02
	JS200-731000-000			2t	70029537	258.40
3	4PZS400-G00	蓄电池 Battery	24	1.3t, 1.5t	11008675	67.76
	5PZS500-G00			1.6t, 1.8t	11008368	82.49
	6PZS600-G00			2t	11008541	96.67

图 27 起升组件(一) 2 级门架
Fig. 27 Lifting part(I) DUPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	N15M300-020000-002	挡货架 Load bracket	1		70024169	46.20
2	S16M300-300000-001	货叉架总成 Fork carriage assy'	1	SEE Fig 28.	70025113	405.00
	S16B300-300000-000	侧移架总成 Side shifter assy'		SEE Fig 34.	46700005	638.00
3	N15M300-010000-W00	货叉总成 Fork assembly	2		20003084	86.65
4	760211A-G00	复合滚轮 ϕ 113.2 Roller	2		11000611	31.00
5	N30M300-006000-000	螺栓 M14X1.5X30 Bolt	8		70021895	0.26
6	S16M300-000001-000	螺栓 M12X1.25X40 Bolt			70025076	0.28
7	GB93-87	垫圈 12 Washer	2		20000001	0.02
8	GB97.1-85	垫圈 12 Washer	2		20000043	0.02
9	GB894.1-86	挡圈 40 Snap ring	2		20000930	0.10
10	780708F1-G00	链轮 Chain wheel	2		11000613	18.13
11	S16M300-200000-000	内门架 Inside mast	1	See OPT.Parts	70025099	380.50
12	GB93-87	垫圈 12 Washer	1		20000001	0.02
13	GB5783-86	螺栓 M12X25 Bolt	1		20000691	0.16

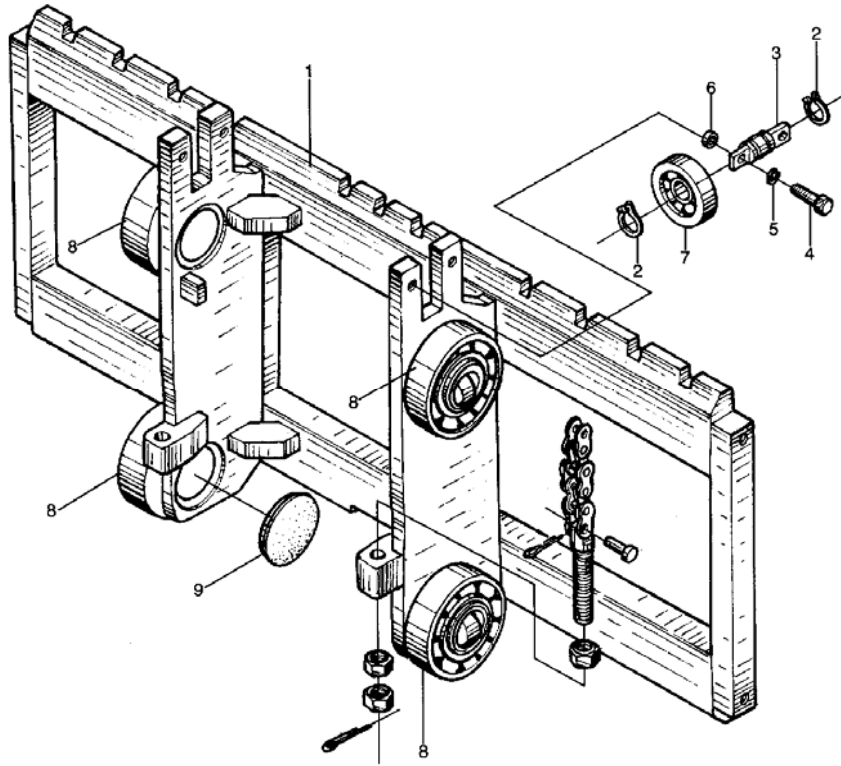
图 27 起升组件(二) 2 级门架
 Fig. 27 Lifting part(II) DUPLEX



<Optional Parts>

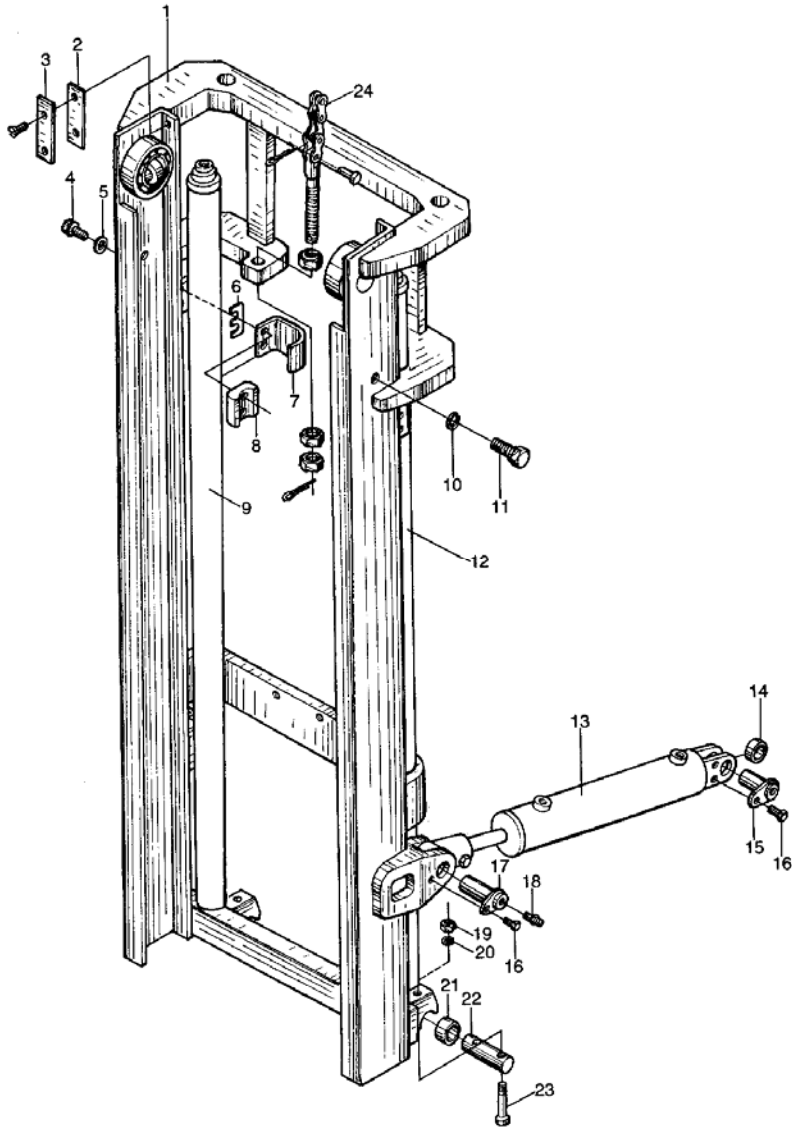
Item No.	11	
Lift Height (mm)	代号 Part No.	物料码 Code No.
2500	S16M250-200000-000	46700006
2700	S16M270-200000-000	46700007
3000	(STD)	70025099
3300	S16M330-200000-000	46700008
3500	S16M350-200000-000	46700009
3600	S16M360-200000-000	46700010
4000	S16M400-200000-000	46700011
4300	S16M430-200000-000	46700012
4500	S16M450-200000-000	46700013

图 28 货叉架总成 2 级门架
Fig.28 Fork carrier assy' DUPLEX



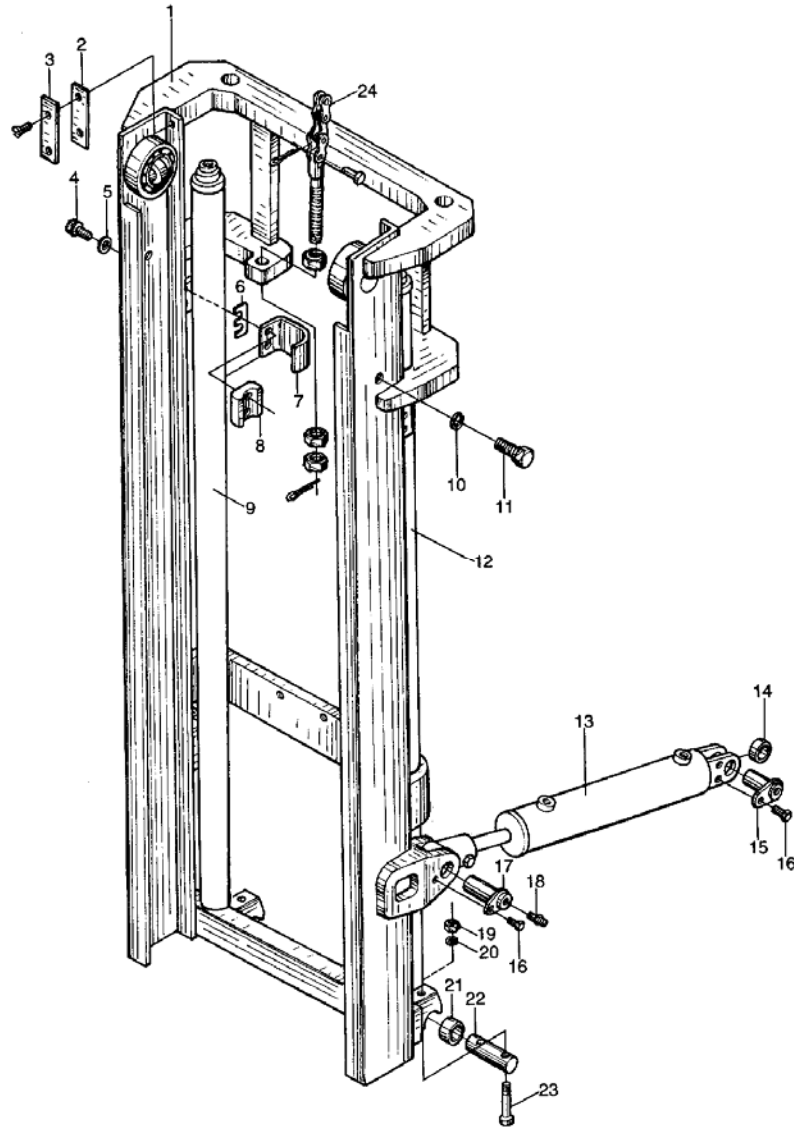
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	S16M300-301000-002	货叉架体 Fork carriage	1		70025114	296.55
2	GB894.1-86	挡圈 25 Snap ring	4		20001181	0.04
3	1.5M3H-300001	侧滚轮轴 Side roller shaft	2		46700014	4.50
4	GB5783-86	螺栓 M12X40 Bolt	4		20000005	0.21
5	GB93-87	垫圈 12 Washer	4		20000001	0.02
6	3U3A-100002	调整垫片 Adjusting shim	2 组		70002788	0.10
7	80605K-G00	侧向滚轮 25X70X17 Side roller	2		11000780	10.00
8	760211A-G00	复合滚轮 ϕ 113.2 Roller	4		11000611	31.00
9	N15M300-300005-G00	橡胶盖 Rubber cover	4		11007806	0.88

图 29 起升组件 2 级门架
Fig.29 Lifting part DUPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	S16M300-100000 -000	外门架 Outside mast	1	See OPT.Parts	70025087	480.00
2	N30M300-000015 -000	调整垫片 Adjust shim	2		70021889	0.16
3	N30M300-000014 -000	导轨衬垫 Gasket	2		70021888	2.35
4	S16M300-003000 -000	螺栓 M8X1.25X30 Bolt	4		70025085	0.70
5	GB97.1-85	垫圈 8 Washer	4		20000034	0.01
6	S16M300-000007 -000	调整垫片 Adjust shim	6		70025080	0.01
7	S16M300-000005 -000	弯板 Plate	2		70025078	3.20
8	S16M300-000006 -000	支架 Bracket	2		70025079	3.40
9	S16M300-400000 -000	右升降油缸 Lift cylinder, right	1	SEE Fig 31.	70025119	194.24
10	GB93-87	垫圈 18 Washer	2		20000152	0.04
11	N30M300-000016 -000	限位螺钉 Screw	2		70025075	0.82
12	S16M300-500000 -000	左升降油缸 Lift cylinder, left	1	SEE Fig 31.	70025121	194.24
13	S16M300-600000 -001	倾斜油缸 Tilt cylinder	1	SEE Fig 32.	70025123	121.80
14	GE30ES-2RS- G00	向心关节轴承 Bearing	2		20004784	8.13
15	S16M300-002000 -000	销轴 Pin shaft	2		70025083	4.22

图 29 起升组件 2 级门架
Fig.29 Lifting part DUPLEX

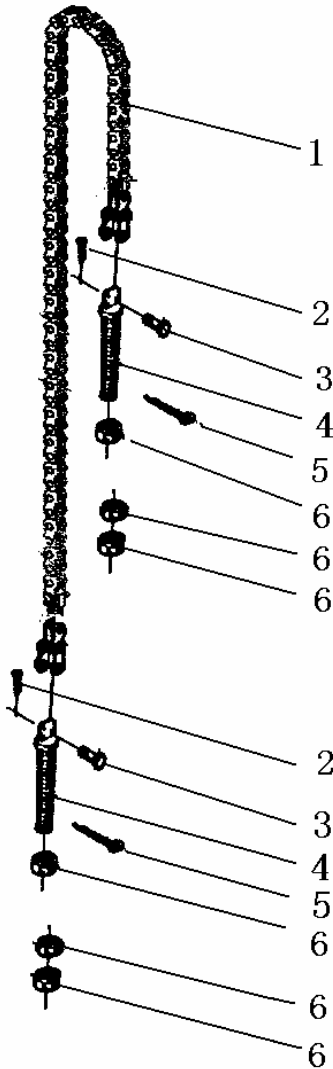


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
16	N30M300-004000 -000	螺栓 M10X1.25X20 Bolt	4		70021893	0.13
17	S16M300-001000 -000	销轴 Pin shaft	2		70025081	4.60
18	GB1152-89	油杯 M10X1 Oil cup	4		20000153	0.16
19	GB6170-86	螺母 M8 Nut	4		20000031	0.03
20	GB93-87	垫圈 8 Washer	4		20000026	0.01
21	HLB-3-3030-G00	无油轴承 Bearing	2		11007924	3.09
22	S16M300-000003 -000	销轴 Pin shaft	2		70025077	3.95
23	GB70-85	螺钉 M8X70Screw	4		20001032	0.08
24	S16M300-030000 -000	链条总成 Chain		SEE Fig 30.	70025086	32.40

<Optional Parts>

Item No.	1		
Lift Height (mm)	代号 Part No.	物料码 Code No.	价格 U/Price
2500	S16M250-100000-000	46700015	480.00
2700	S16M270-100000-000	46700016	480.00
3000	(STD)	70025087	480.00
3300	S16M330-100000-000	46700017	492.00
3500	S16M350-100000-000	46700018	518.00
3600	S16M360-100000-000	46700019	540.00
4000	S16M400-100000-000	46700020	562.00
4300	S16M430-100000-000	46700021	584.00
4500	S16M450-100000-000	46700022	599.00

图 30 链条总成 2 级门架
Fig. 30 Chain DUPLEX

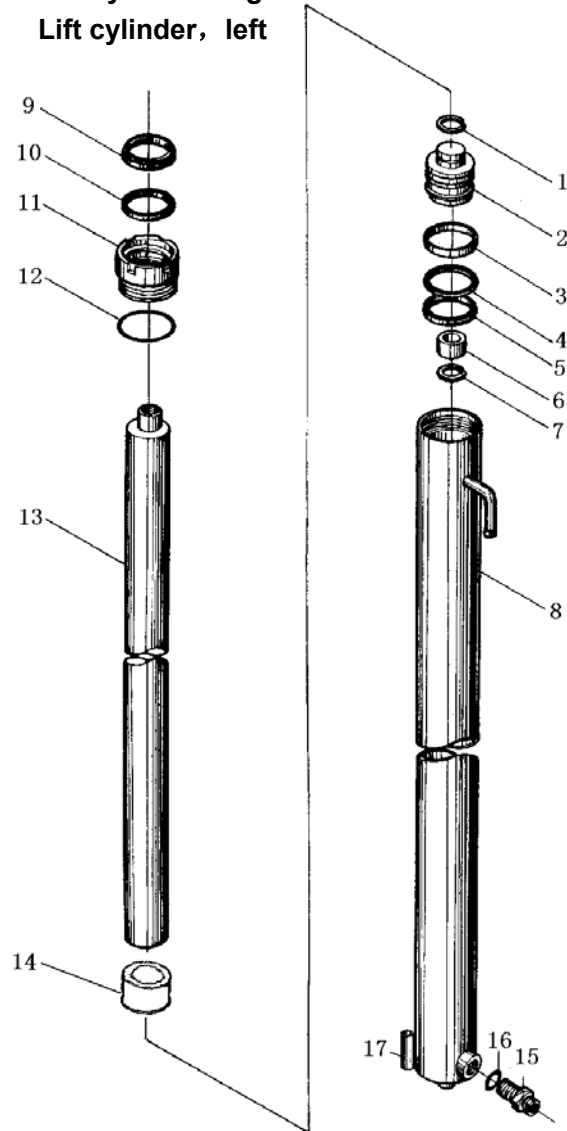


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16M300-030000 -000	链条总成 Chain	1	See OPT.Parts	70025086	32.40
1	GB/T6074-1995	板式链 LH1223X97 Chain	1	See OPT.Parts	46700023	
2	GB91-86	销 3.2X35 Pin	2		20002758	
3	1.5M3H-002002	销轴 Pin shaft	2		46700024	
4	1.5M3H-002001	链条接头	2		46700025	
5	GB91-86	销 4X35	2		20003481	
6	GB6171-86	螺母 M16X1.5	6		20000072	

<Optional Parts>

Item No.	A	1		
Lift Height (mm)	代号 Part No.	名称 Description	物料码 Code No.	价格 U/Price
2500	S16M250-030000-000	板式链 LH1223X83	46700026	30.90
2700	S16M270-030000-000	板式链 LH1223X89	46700027	31.70
3000	(STD)	(STD)	70025086	32.40
3300	S16M330-030000-000	板式链 LH1223X105	46700028	33.20
3500	S16M350-030000-000	板式链 LH1223X109	46700029	34.00
3600	S16M360-030000-000	板式链 LH1223X113	46700030	34.60
4000	S16M400-030000-000	板式链 LH1223X131	46700031	36.20
4300	S16M430-030000-000	板式链 LH1223X149	46700032	38.30
4500	S16M450-030000-000	板式链 LH1223X161	46700033	40.50

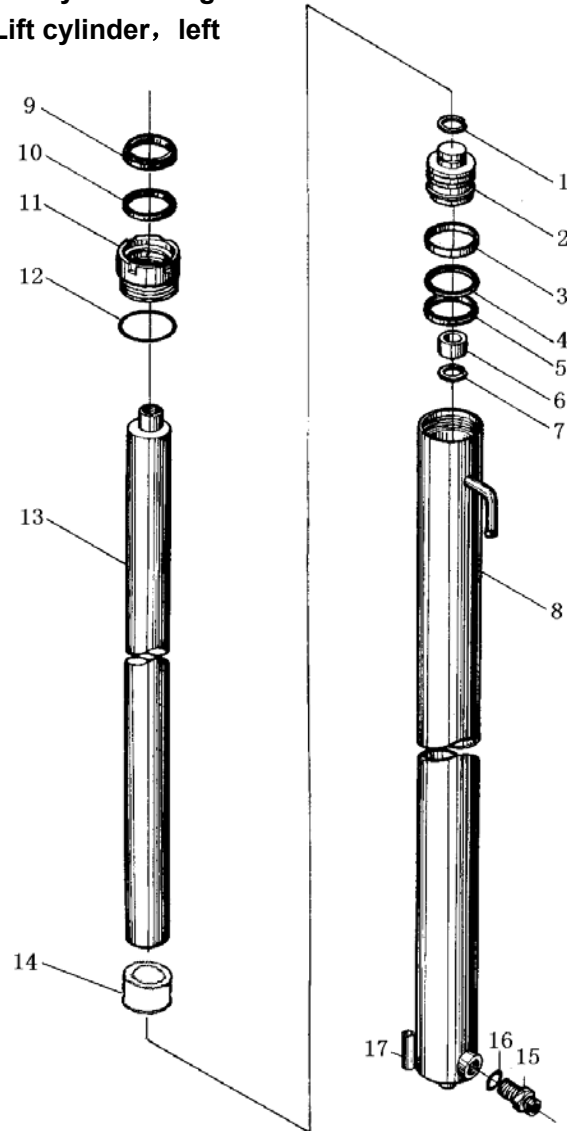
图 31 右升降油缸 2 级门架
左升降油缸 DUPLEX
Fig. 31 Lift cylinder, right
Lift cylinder, left



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16M300-400000-000	右升降油缸 Lift cylinder, right	1	See OP.Parts	70025119	194.24
B	S16M300-500000-000	左升降油缸 Lift cylinder, left		See OP.Parts	70025121	194.24
1	GB895.1-86	挡圈 21 Snap ring	1		20003749	0.08
2	N15M300-400002-W00	活塞 Piston	1		70024300	9.56
3	N15M300-400003-W00	支承圈 Support ring	1		70024301	2.22
4	N15M300-400004-W00	保护圈 Ring	1		70024302	1.65
5	B7045CP5008-G00	B7 密封圈 D45 B7-seal ring D45	1		46700034	
6	N15M300-400005-W00	阀套 Sleeve	1		70024303	0.94
7	GB895.1-86	挡圈 25 Snap ring	1		20003750	0.08
8	S16M300-401000-W00	缸体 Cylinder body, right	1	See OP.Parts	70025120	86.60
	S16M300-501000-W00	缸体 Cylinder body, left		See OP.Parts	70025122	86.60
9	AF035AZ5071-G00	AF 防尘圈 d35 Dustproof ring d35	1		46700035	
10	B3035BP5008-G00	B3 密封圈 d35 B3-seal ring d35	1		46700036	
11	N15M300-402000-W00	导向套 Guider	1		70024305	9.28
12	2-133N674-G00	O 形密封圈 O-ring 45.69X2.62	1		46700037	0.20
13	N15M300-400001-W00	活塞杆 Piston rod	1	See OP.Parts	70024299	92.30
14		隔套 Bush	1	See OP.Parts	46700038	
15	S16M300-400001-W00	直通接头 Connector	1		46700039	1.32
16	JISB2401-P14-G00	O 形密封圈 P14 O-ring P14	1		46700040	0.16

图 31 右升降油缸 2 级门架
左升降油缸 DUPLEX

Fig. 31 Lift cylinder, right
Lift cylinder, left

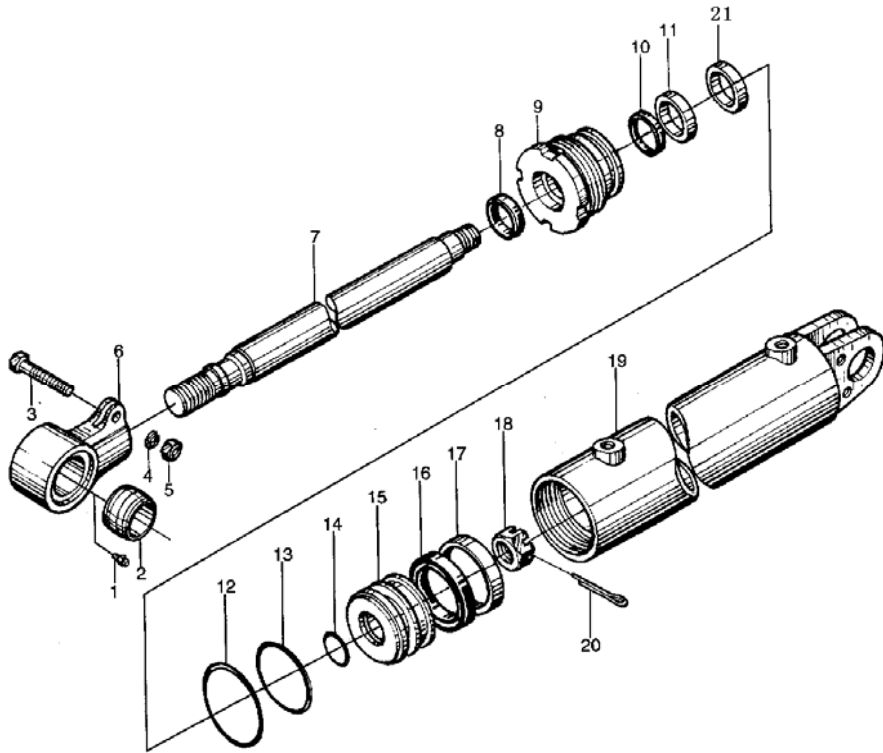


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
17	GB119-86	销 A10X30 Pin	1		20000717	0.24
K1	K1-LIFT CLD.	起升油缸维修包 Seal Kit of Lift Cylinder	1	INC. 1,3,4,5, 7,9,10,12,16	7002511901	45.90

Fig.31- <Optional Parts>

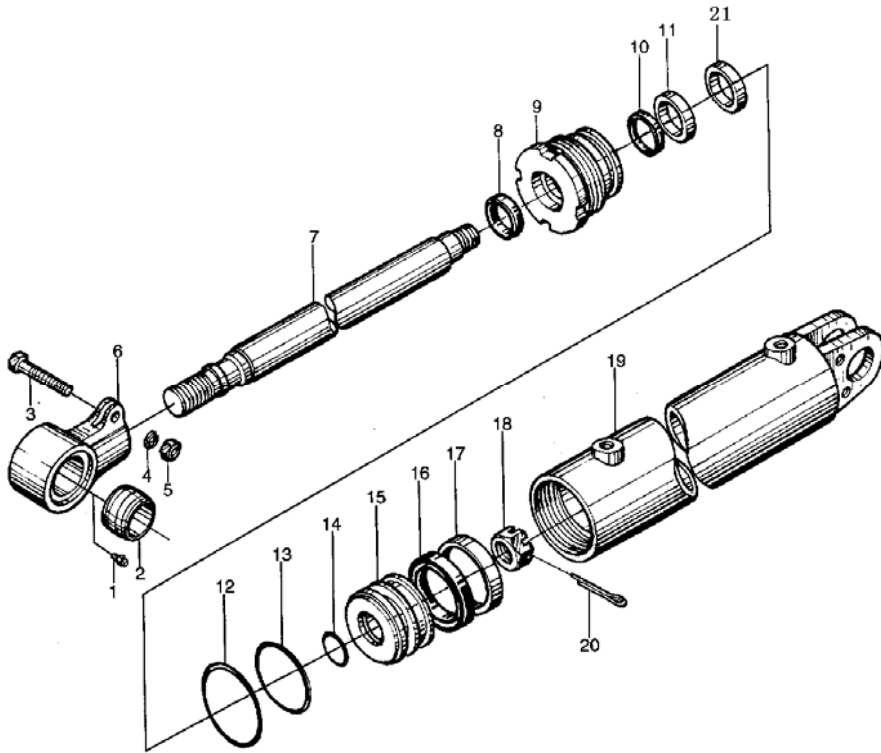
Item No.	A	B	8 (right)	8(left)	13	14
Lift Height (mm)	代号 Part No.	代号 Part No.	代号 Part No.	代号 Part No.	代号 Part No.	代号 Part No.
2500	S16M250-400000-000	S16M250-500000-000	S16M250-401000-W00	S16M250-501000-W00	S16M250-400006-W00	Without part 14
Code No.	46700041	46700050	46700059	46700068	46700077	
2700	S16M270-400000-000	S16M270-500000-000	S16M270-401000-W00	S16M270-501000-W00	S16M270-400006-W00	Without part 14
Code No.	46700042	46700051	46700060	46700069	46700078	
3000	(STD)	(STD)	(STD)	(STD)	(STD)	Without part 14
Code No.	70025119	70025121	70025120	70025122	70024299	
3300	S16M330-400000-000	S16M330-500000-000	S16M330-401000-W00	S16M330-501000-W00	S16M330-400006-W00	Without part 14
Code No.	46700044	46700053	46700062	46700071	46700080	
3500	S16M350-400000-000	S16M350-500000-000	S16M350-401000-W00	S16M350-501000-W00	S16M350-400006-W00	Without part 14
Code No.	46700045	46700054	46700063	46700072	46700081	
3600	S16M360-400000-000	S16M360-500000-000	S16M360-401000-W00	S16M360-501000-W00	S16M360-400006-W00	Without part 14
Code No.	46700046	46700055	46700064	46700073	46700082	
4000	S16M400-400000-000	S16M400-500000-000	S16M400-401000-W00	S16M400-501000-W00	S16M400-400006-W00	S16M400-400002-W00
Code No.	46700047	46700056	46700065	46700074	46700083	46700086
4300	S16M430-400000-000	S16M430-500000-000	S16M430-401000-W00	S16M430-501000-W00	S16M430-400006-W00	S16M430-400002-W00
Code No.	46700048	46700057	46700066	46700075	46700084	46700087
4500	S16M450-400000-000	S16M450-500000-000	S16M450-401000-W00	S16M450-501000-W00	S16M450-400006-W00	S16M450-400002-W00
Code No.	46700049	46700058	46700067	46700076	46700085	46700088

图 32 倾斜油缸
Fig. 32 Tilt cylinder



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16M300-600000-001	倾斜油缸 Tilt cylinder	1	See OPT. Parts	70025123	121.80
1	GB1152-89	油杯 M6 Oil cup	1		20003632	0.13
2	N15M300-600002-000	球面轴承 Bearing			70024309	2.70
3	GB5783-86	螺栓 M14X1.5X50 Bolt	1		20003846	0.36
4	GB93-87	垫圈 14Washer	1		20000036	0.03
5	GB6171-86	螺母 M14X1.5 Nut	1		20003847	0.13
6	N15M300-600001-000	耳环 Ring			46700089	18.28
7	S16M300-600003-W01	活塞杆 Piston rod	1	See OPT. Parts	46700090	18.43
8	CK25-G00	防尘圈 d25 Dust proof	1		46700091	
9	S16M300-602000-W01	导向套 Guide bush	1		46700092	18.70
10	RU3000250-Z20-G00	U 形密封圈 d25 U-seal ring d25	1		46700093	
11	RS1300250-T46-G00	斯特封 d25 Seal-ring d25	1		46700094	
12	GB1235-76	O 形密封圈 70X3.1 O-ring	1		20000774	0.20
13	GB1235-76	O 形密封圈 63X5.7 O-ring	1		46700095	0.20
14	GB1235-76	O 形密封圈 30X3.1 O-ring	1		20003845	0.11
15	S16M300-600007-W00	活塞 Piston	1		46700096	17.85
16	OK006300701-G00	OK 密封圈 D63 OK-seal ring D63	1		46700097	
17	FR5805Q5029-G00	导向环 58X63X9.7 Guide ring	1		46700098	

图 32 倾斜油缸
Fig. 32 Tilt cylinder

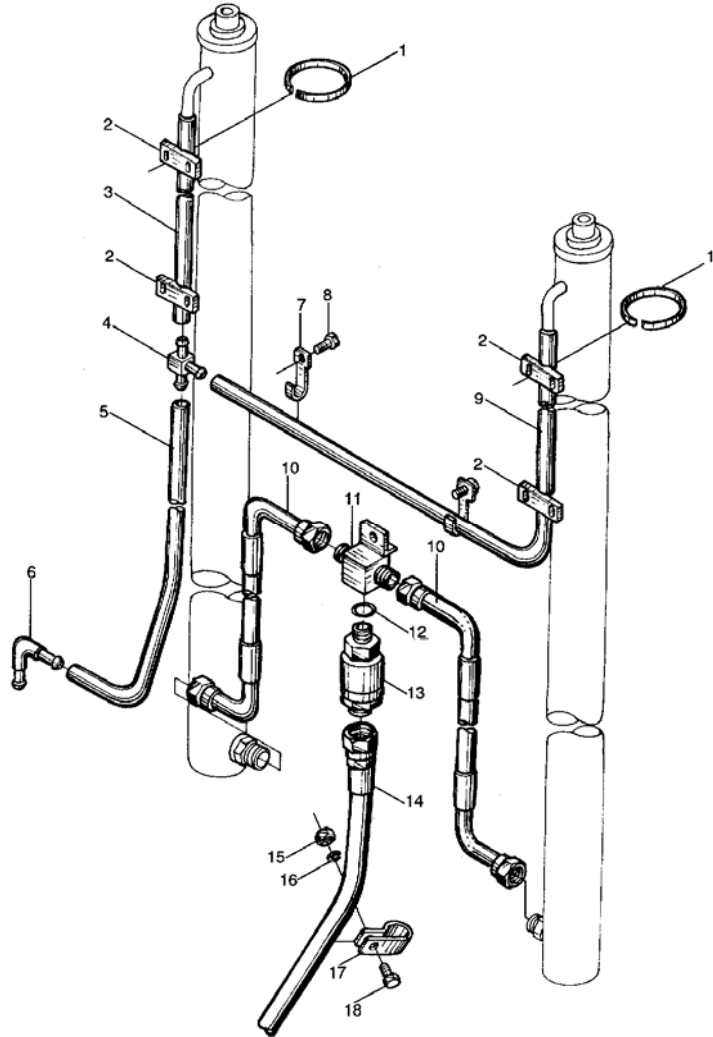


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
18	GB9459-88	螺母 M20X1.5 Nut	1		20000458	0.49
19	S16M300-601000 -W00	缸体 Cylinder body	1		46700099	45.50
20	GB91-86	销 4X40 Pin	1		20001775	0.02
21		隔套 Bush	1	See OPT.Parts		
K1	K1-TILT CLD.	起升油缸维修包 Seal Kit of Tilt Cylinder	1	INC. 8,10,11,12,13,14, 16,17	7002512301	72.80

<Optional Parts>

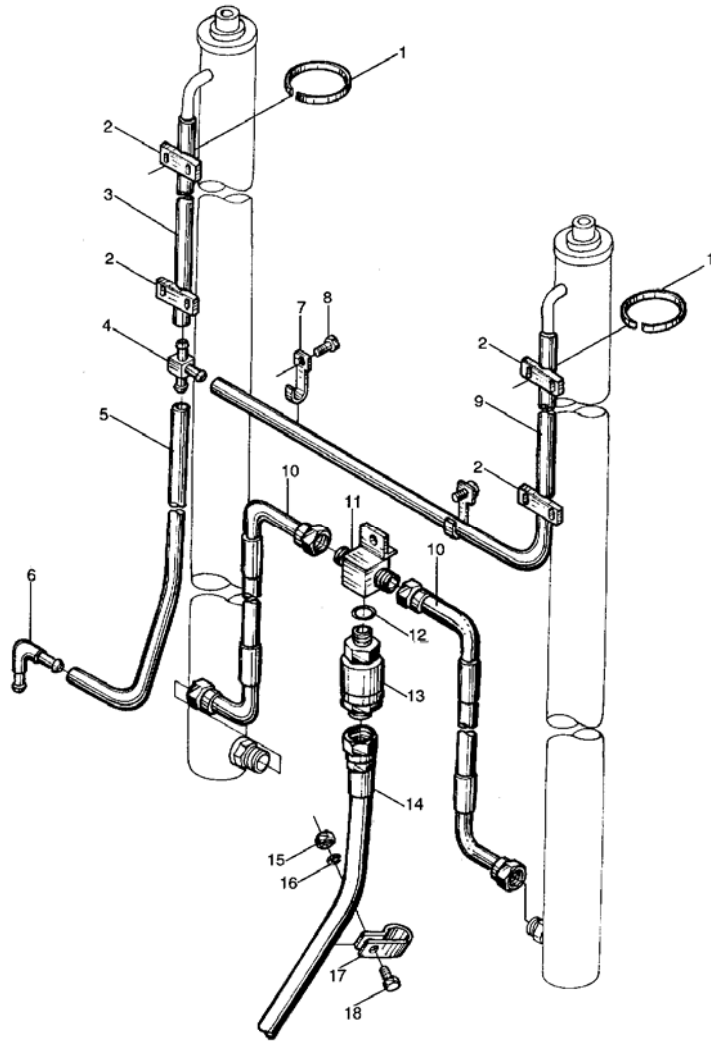
Item No.	A	7	21
Lift Height (mm)	代号 Part No.	代号 Part No.	代号 Part No.
2500	S16M300-600000-001 (Code No. 46700100)	S16M300-600003-W00 (Code No. 46700102)	S16M300-600008-W00 (Code No. 46700104)
2700			
3000			
3300			
3500			
3600	S16N450-600000-000 (Code No. 46700101)	S16N450-600001-W00 (Code No. 46700103)	S16N450-600002-W00 (Code No. 46700104)
4000			
4300			
4500			
4800			
5000			
5500			
6000			

图 33 油路系统 2 级门架
Fig. 33 Mast piping DUPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	GT-3001-G00	通用尼龙扎带 Clamp-band	4		11007268	0.49
2	N30M300-700002 -000	镶边 Band	4		70022181	0.42
3	S16M300-700001 -000	回油管 $\phi 14.5 \times \phi 9.5$ Return oil pipe	1	See OPT.Parts	70025129	2.00
4	N30M300-700005 -000	三通接头 Tee connector	1		70022183	1.34
5	S16M300-700004 -000	回油管 $\phi 14.5 \times \phi 9.5$ Return oil pipe	1		70025132	1.50
6	N15M300-700010 -000	接头 Connector	1		70024320	2.53
7	S16M300-700003 -000	管夹 Clip	2		70025131	1.20
8	N30M300-003000 -000	螺栓 M8X1.25X16 Bolt	4		70021892	0.10
9	S16M300-700002 -000	回油管 $\phi 14.5 \times \phi 9.5$ Return oil pipe	1	See OPT.Part	70025130	2.70
10	S16M300-701000 -000	胶管总成 Rubber pipe assy	2		70025134	11.20
11	S16M300-703000 -000	三通接头 Tee connector	1		70025136	2.05
12	JISB2401-P18- G00	O 形密封圈 P18 O-ring	1		11007270	0.22
13	N15M300-702000 -000	限速阀 Speed limiting valve	1		70024322	23.06
14	S16M300-702000 -000	胶管总成 Rubber pipe assy	1		70025135	26.50

图 33 油路系统 2 级门架
Fig. 33 Mast piping DUPLEX

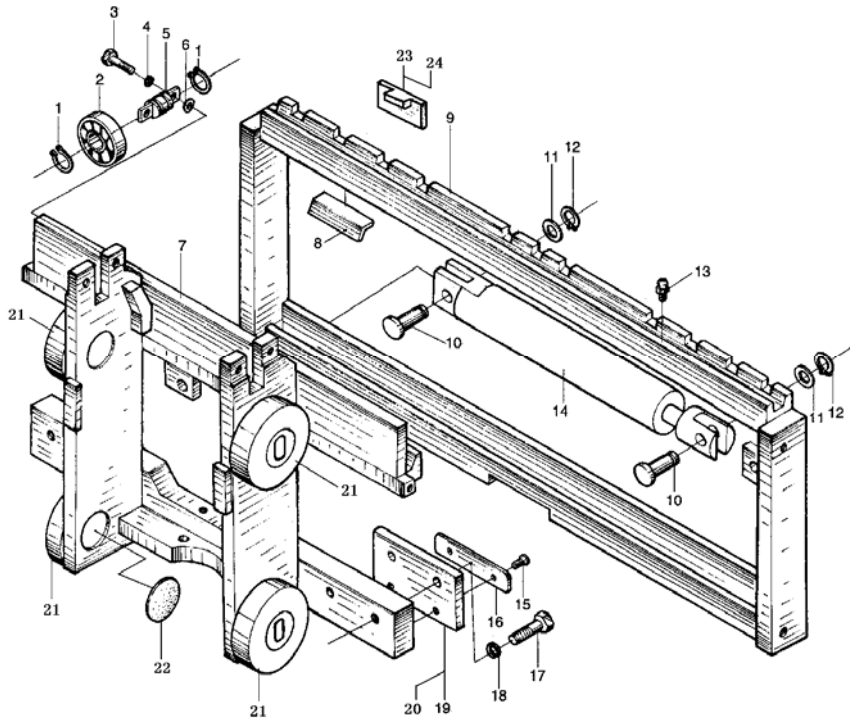


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
15	GB6170-86	螺母 M8 Nut	1		20000031	0.03
16	GB93-87	垫圈 8 Washer	1		20000026	0.01
17	S16M300-700005 -000	管夹 Clip	1		46700105	1.40
18	GB5783-86	螺栓 M8X16 Bolt	1		20000107	0.04

<Optional Parts>

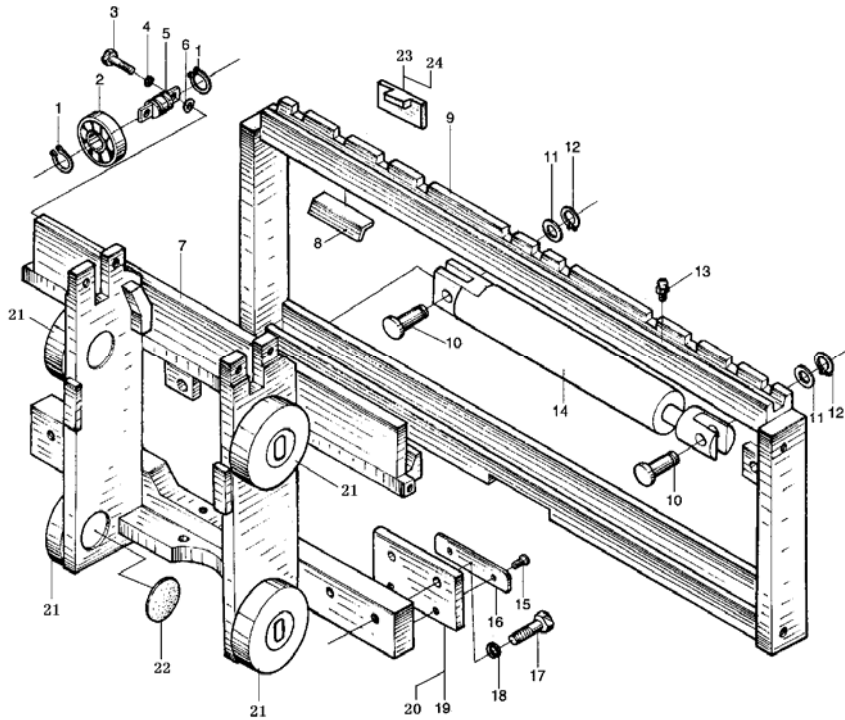
Item No.	3			9		
	代号 Part No.	物料码 Code No.	价格 U/Price	代号 Part No.	物料码 Code No.	价格 U/Price
Lift Height (mm)						
2500	S16M250-700001-000	46700111	1.45	S16M250-700002-000	46700119	2.15
2700	S16M270-700001-000	46700112	1.73	S16M270-700002-000	46700120	2.43
3000	(STD)	70025129		(STD)	70025130	
3300	S16M330-700001-000	46700113	2.33	S16M330-700002-000	46700121	3.03
3500	S16M350-700001-000	46700114	2.53	S16M350-700002-000	46700122	3.23
3600	S16M360-700001-000	46700115	2.63	S16M360-700002-000	46700123	3.33
4000	S16M400-700001-000	46700116	3.03	S16M400-700002-000	46700124	3.73
4300	S16M430-700001-000	46700117	3.33	S16M430-700002-000	46700125	4.03
4500	S16M450-700001-000	46700118	3.53	S16M450-700002-000	46700126	4.23

图 34 侧移架总成 2 级门架
 Fig. 34 Side shifter assy' DUPLEX



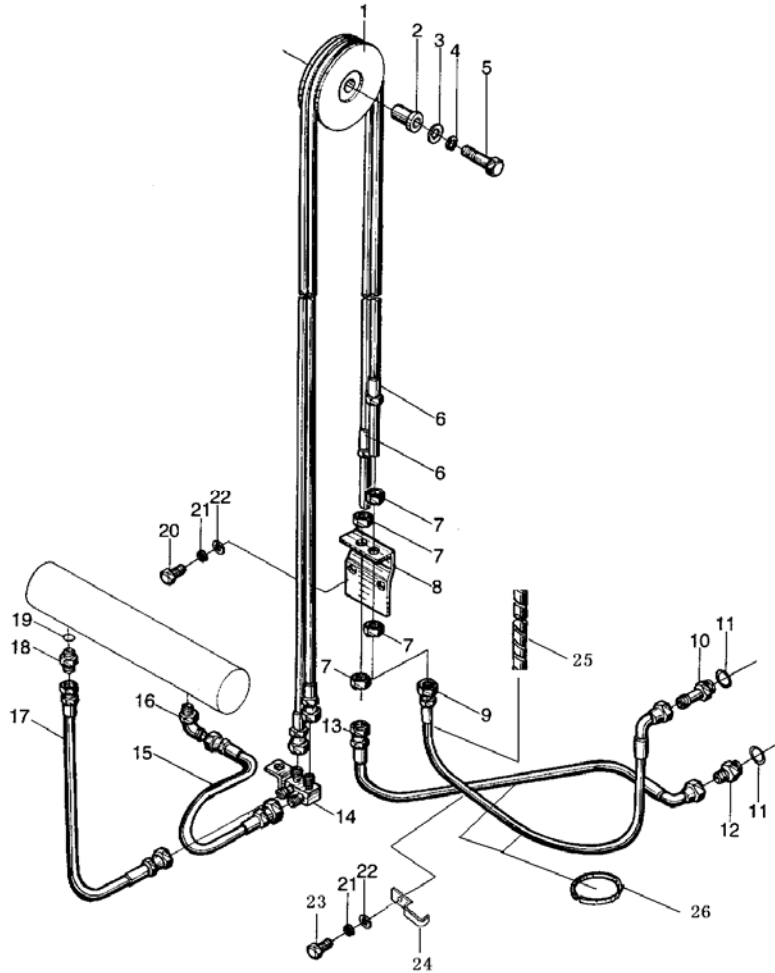
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	GB894.1-86	挡圈 25 Snap ring	4		20001181	0.04
2	80605K-G00	侧向滚轮 25X70X17 Side roller	2		11000780	10.00
3	GB5782-86	螺栓 M12X40 Bolt	4		20003094	0.21
4	GB93-87	垫圈 12 Washer	4		20000001	0.02
5	1.5M3H-300001	侧滚轮轴 Side roller shaft	2		46700014	4.50
6	3U3A-100002	调整垫片 Ajusting shim	2		70002788	0.10
7	S16V450-301000 -000	叉架体 Fork carriage	1	3-stage mast	46700155	287.20
	S16B300-301000 -000			2-stage mast	46700165	296.55
8	S16V450-300001 -000	塞铁 Plug	3		46700156	4.56
9	S16V450-302000 -000	侧移货叉架 Side shift carriage	1		46700157	145.00
10	S16V450-300005 -000	轴 Shaft	2		46700158	1.45
11	GB97.1-85	垫圈 16 Washer	2		20000168	0.03
12	GB894.1-86	挡圈 16 Snap ring	2		20000561	0.03
13	GB1152-89	油杯 M6 Oil cup	5		20003588	0.13
14	S16V450-303000 -000	侧移油缸 Side shift cylinder	1	SEE Fig 43	46700159	106.85
15	GB68-85	螺钉 M8X16 Screw	4		20000731	0.04

.02 图 34 侧移架总成 2 级门架
 Fig. 34 Side shifter assy' DUPLEX



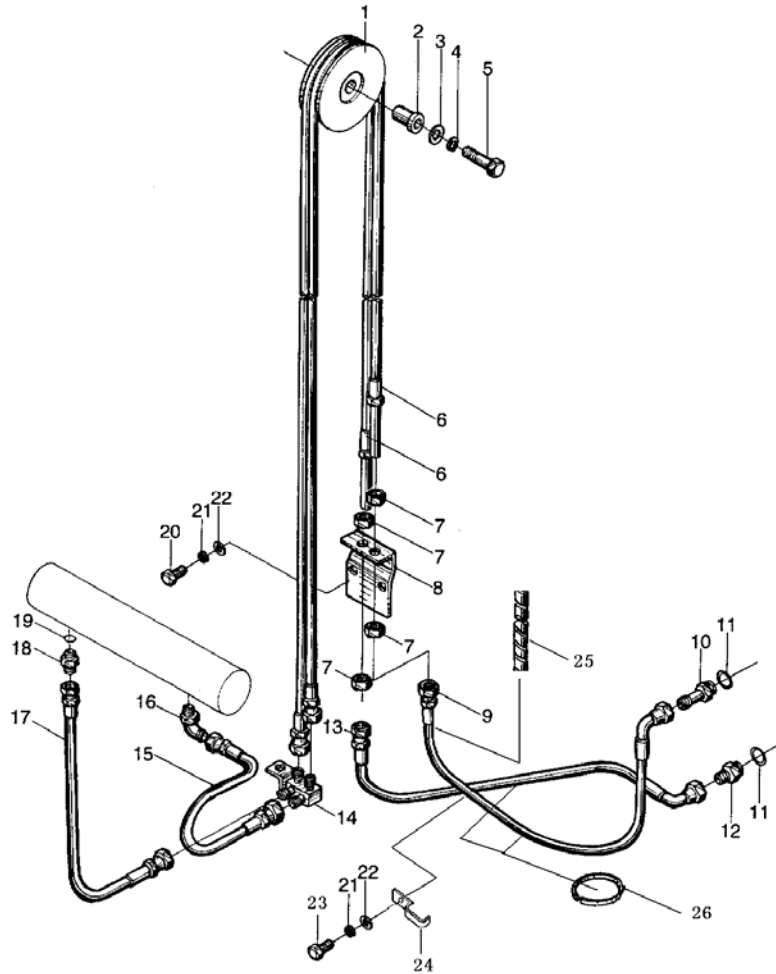
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
16	S16V450-300002 -000	下滑块 Block, down	2		46700160	10.96
17	GB5786-86	螺栓 M16X1.5X50 Bolt	4		20002230	0.46
18	GB93-87	垫圈 16 Washer	4		20000178	0.04
19	S16V450-300006 -000	挂钩板 Plate	2		46700161	4.22
20	S16V450-300008 -000	调整垫 Ajusting shim	2		46700162	0.82
21	760211A-G00	复合滚轮 ϕ 113.2 Roller	4		11000611	31.00
22	N15M300-30000 5-G00	橡胶盖 Rubber cover	4		11007806	0.88
23	1.4QS1-000006	挡块 Block	2		46700163	0.86
24	S16V450-300009 -000	调整垫 Ajusting shim	3		46700164	0.78

图 35 侧移油路 2 级门架
Fig. 35 Side shifter piping DUPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	S16B300-900008-000	滑轮 Pulley wheel	1		46700166	19.12
2	S16B300-900007-000	轴套 Shaft sleeve	1		46700167	0.59
3	GB97.1-85	垫圈 14 Washer	1		20002293	0.03
4	GB93-87	垫圈 14Washer	1		20000036	0.03
5	GB5785-86	螺栓 M14X60 Bolt	1		20000103	0.33
6	S16B300-900006-000	胶管总成 Oil pipe assy	2	See OPT.Parts	46700168	23.52
7	1.4QN5-800001	螺母 Nut	4		46700169	0.49
8	S16B300-900005-000	支板 Plate	1		46700170	2.90
9	S16B300-900004-001	胶管总成 Oil pipe assy	1		46700171	13.65
10	S16B300-900003-000	直通接头 Connector	1		46700172	0.82
11	GB1235-76	O 形密封圈 22X2.4 O-ring	2		20000123	0.07
12	S16B300-900002-000	直通接头 Connector	1		46700172	0.82
13	S16B300-900001-000	胶管总成 Oil pipe	1		46700173	13.65
14	S16B300-901000-000	接头支座 Connector seat	1		46700174	9.00
15	S16B300-900010-000	胶管总成 Oil pipe assy	1		46700175	8.70
16	N163-620800-000	90 度管接头 Pipe connector	1		70022115	4.78
17	S16B300-900009-000	胶管总成 Oil pipe assy	1		46700177	7.93
18	S16B300-900011-000	直通接头 Connector	1		46700178	0.82
19	JISB2401-P11-G00	O 形密封圈 P11 O-ring	1		11007272	0.13
20	GB5783-86	螺栓 M8X30Bolt	2		20000033	0.08
21	GB93-87	垫圈 8 Washer	3		20000026	0.01

图 35 侧移油路 2 级门架
Fig. 35 Side shifter piping DUPLEX

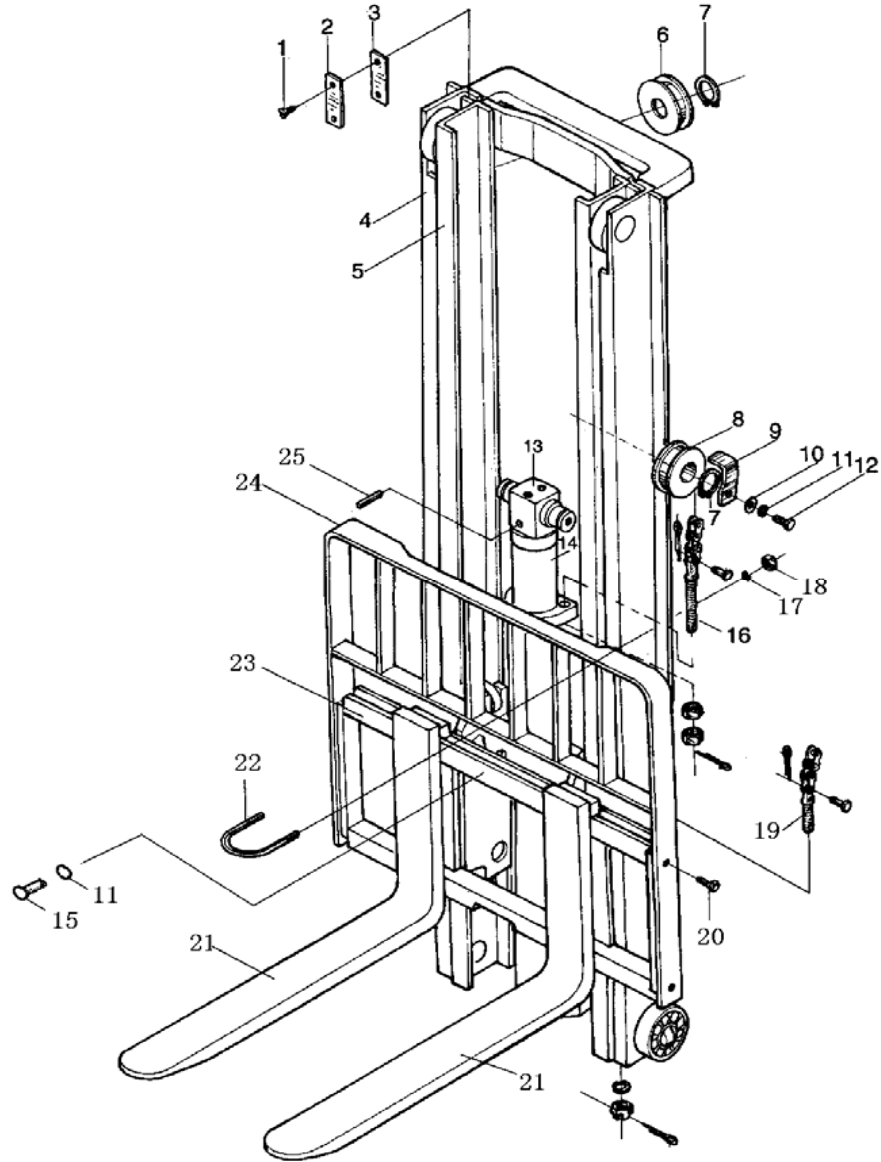


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
22	GB97.1-85	垫圈 8 Washer	3		20000034	0.01
23	GB5783-86	螺栓 M8X16 Bolt	1		20000107	0.04
24	S16B300-900012-001	管夹 Clip	1		46700179	1.46
25	N163-630001-W00	护套(φ17X1) Nylon sleeve	1		46700180	3.29
26	PKD-180-G00	捆线带 Clamp-band	2		11007660	0.49

<Optional Parts>

Item No.	6		
Lift Height (mm)	代号 Part No.	物料码 Code No.	价格 U/Price
2500	S16B250-900006-000	46700181	20.18
2700	S16B270-900006-000	46700182	20.18
3000	(STD)	46700168	
3300	S16B330-900006-000	46700183	25.64
3500	S16B350-900006-000	46700184	26.99
3600	S16B360-900006-000	46700185	28.31
4000	S16B400-900006-000	46700186	30.45
4300	S16B430-900006-000	46700187	32.55
4500	S16B450-900006-000	46700188	33.92

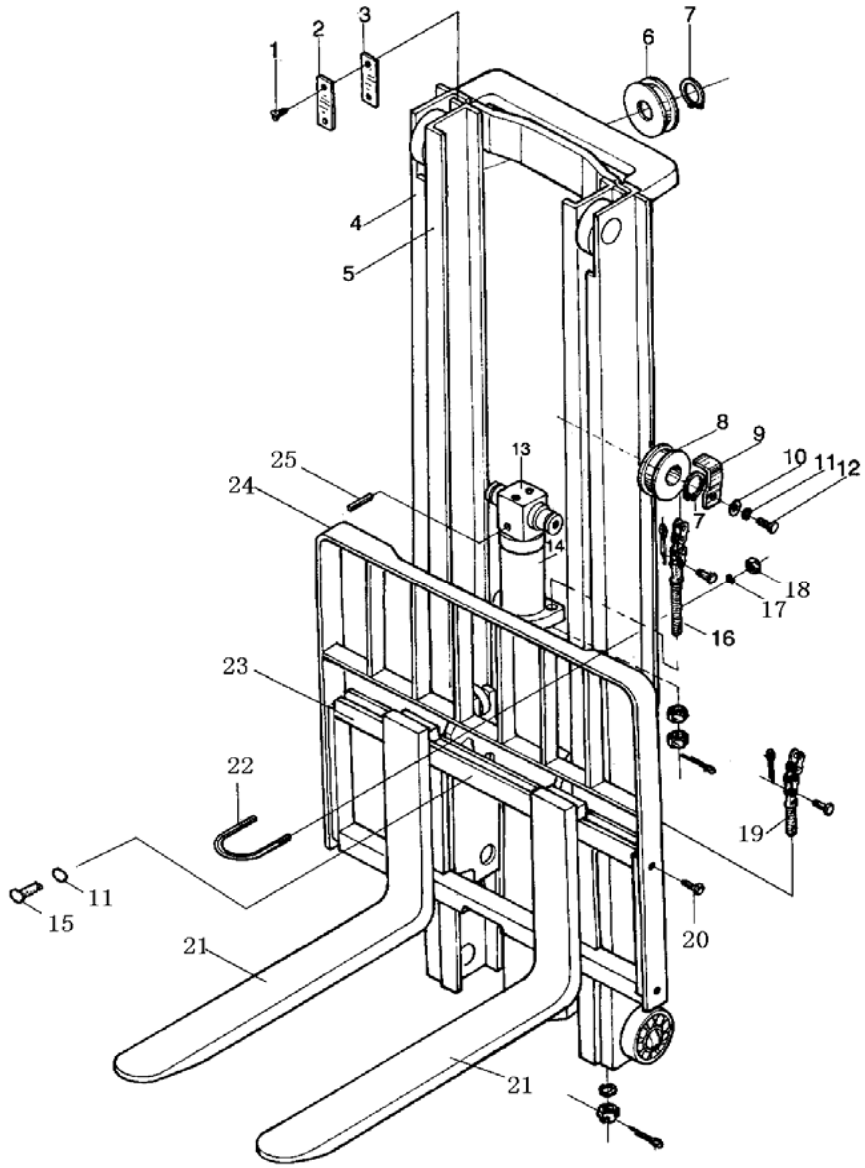
图 36 起升组件 3 级门架
Fig. 36 Lifting part TRIPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	GB68-85	螺钉 M8X16 Screw	4		20000731	0.04
2	2025M3-100001	导向板 Guide plate	2		70002843	2.28
3	2025TT-100008	调整垫 Adjusting shim	2		70002844	1.55
4	S16N450-103000-000	中门架 Middle mast	1	See OPT.Parts	46700189	468.10
5	S16N450-102000-000	内门架 Inner mast	1	See OPT.Parts	46700190	441.25
6	780708-G00	链轮 Chain wheel	2		11007794	18.13
7	GB894.1-86	挡圈 40 Snap ring	2		20000930	0.10
8	780708F1-G00	链轮 Chain wheel	2		11009332	18.13
9	S16N450-000001-000	链轮护板 Plate	2		46700191	
10	GB97.1-85	垫圈 12 Washer	2		20000043	0.02
11	GB93-87	垫圈 12 Washer	3		20000001	0.02
12	GB5783-86	螺栓 M12X25 Bolt	2		20000691	0.16
13	S16N450-001000-000	链轮座 Chain seat	1		46700192	
14	S16N450-800000-000	前升降油缸 Lift cylinder, front	1	SEE Fig 44	46700193	283.10
15	GB5783-86	螺栓 M12X25 Bolt	1	基本型用	20000691	0.16
	GB70-85	螺钉 M12X20 Screw		带侧移用	20000044	0.15
16	S16N450-040000-001	链条总成 Chain	2	SEE Fig 40	46700194	27.21
17	GB93-87	垫圈 10 Washer	2		20000003	0.02
18	GB6170-86	螺母 M10 Nut	2		20000035	0.05
19	S16N450-030000-000	链条总成 Chain	2	SEE Fig 39	46700195	32.40
20	N30M300-006000-000	螺栓 M14X1.5X30 Bolt	4		70021895	0.26
21	N15M300-010000-W0 0	货叉总成 Fork assembly	2		20003084	86.65
22	N15N450-000003-000	短缸固定螺栓 Bolt	1		46700196	2.23

图 36 起升组件
Fig. 36 Lifting part

3 级门架
TRIPLEX

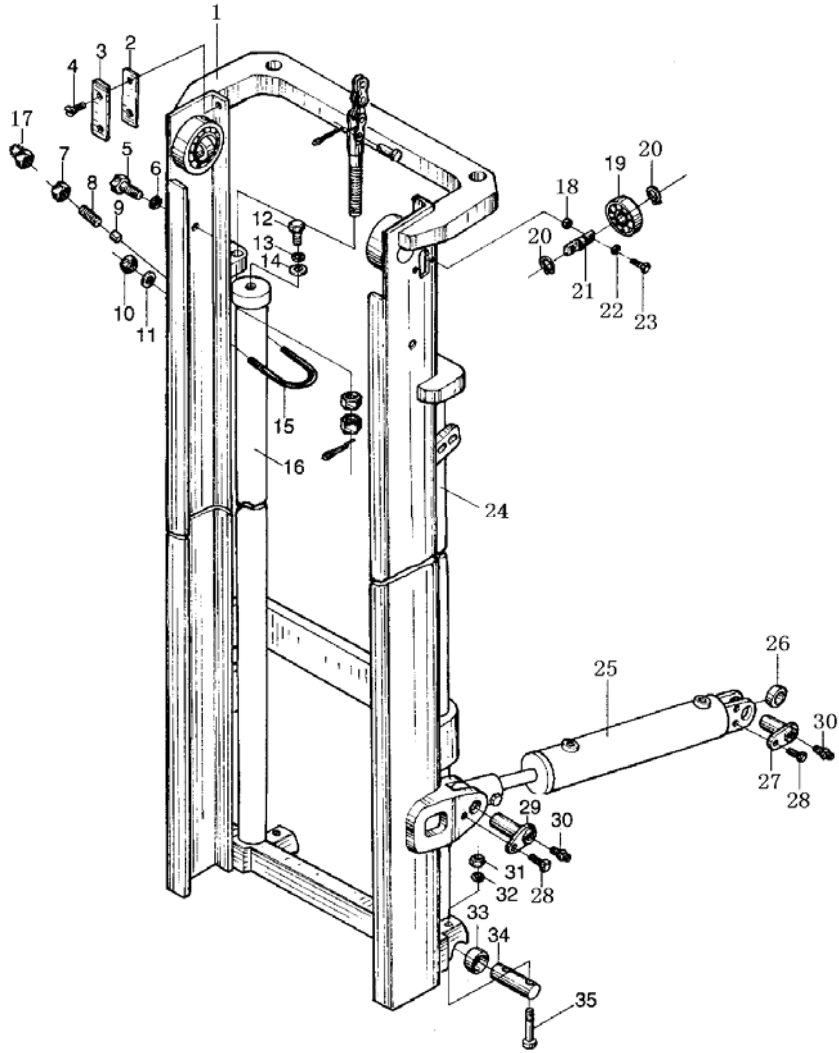


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
23	S16N450-300000-000	货叉架总成 Fork carriage assy'	1	SEE Fig 38	46700197	405.00
	S16V450-300000-000	侧移架总成 Side shifter assy'		SEE Fig 34	46700198	638.00
24	N15M300-020000-002	挡货架 Load bracket	1		70024169	46.20
25	GB879-86	销 10X55 Pin 10X55	1		20000928	0.15

<Optional Parts>

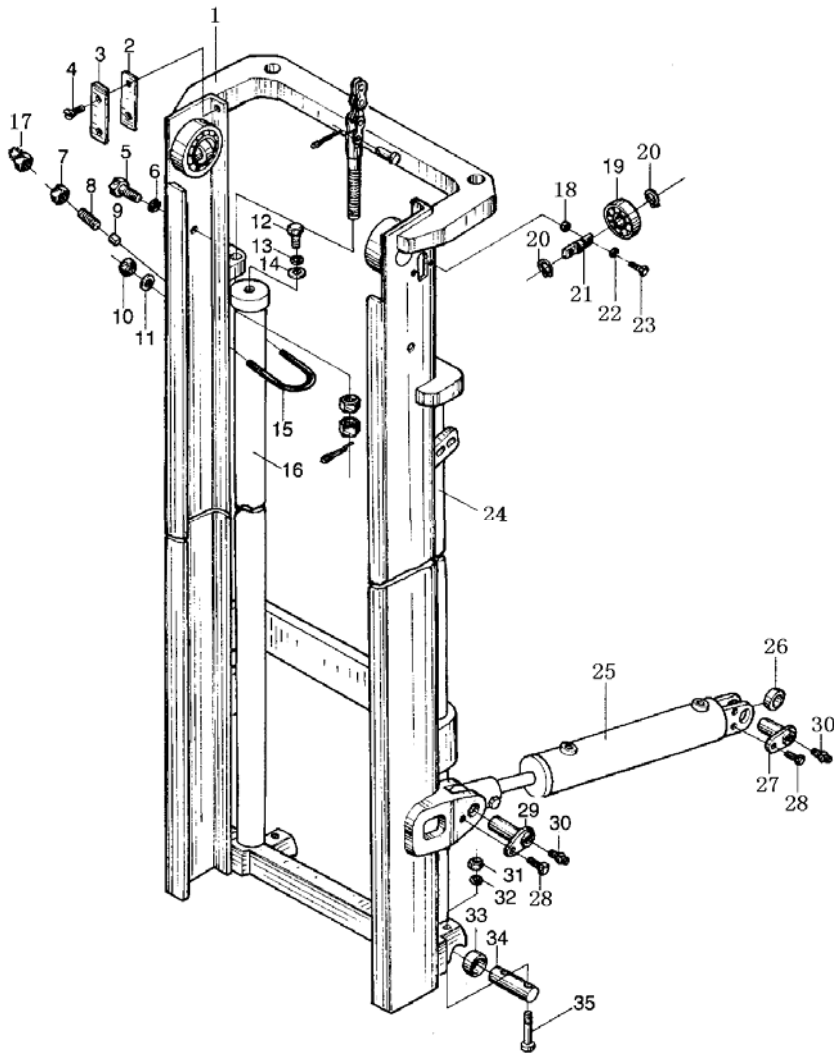
Item No. Lift Height (mm)	4		5	
	代号 Part No.	物料码 Code No.	代号 Part No.	物料码 Code No.
4300	S16N430-103000-000	46700199	S16N430-102000-000	46700204
4500	(STD)		(STD)	
4800	S16N480-103000-000	46700200	S16N480-102000-000	46700205
5000	S16N500-103000-000	46700201	S16N500-102000-000	46700206
5500	S16N550-103000-000	46700202	S16N550-102000-000	46700207
6000	S16N600-103000-000	46700203	S16N600-102000-000	46700208

图 37 起升组件 3 级门架
Fig. 37 Lifting part TRIPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	S16N450-101000-000	外门架 Outside mast	1	See OPT.Parts	46700209	480.00
2	2025TT-100008	调整垫 Adjusting shim	2		70002844	1.55
3	2025M3-100001	导向板 Guide plate	2		70002843	2.28
4	GB68-85	螺钉 M8X16 Screw	4		20000731	0.04
5	N30M300-000016-000	限位螺钉 Screw	2		70025075	0.82
6	GB93-87	垫圈 18 Washer	2		20000152	0.04
7	GB6170-86	螺母 M20 Nut	2		20000114	0.43
8	N30N450-000005-000	螺钉 M20X53 Screw	2		46700210	0.75
9	N30M300-000009-000	塞子 Plug	2		70021883	0.52
10	GB6170-86	螺母 M8 Nut	8		20000031	0.03
11	GB97.1-85	垫圈 8 Washer	4		20000034	0.01
12	S16M300-000001-000	螺栓 M12X1.25X40 Bolt	2		70025076	0.28
13	GB93-87	垫圈 12 Washer	2		20000001	0.02
14	GB97.1-86	垫圈 12 Washer	2		20002822	0.02
15	N15N450-000005-000	U 形螺栓 Bolt	2		46700211	1.35
16	S16N450-500000-000	左升降油缸 Lift cylinder, left	1	SEE Fig 42	46700212	194.24
17	GB923-88	螺母 M8 Nut	4		20000445	0.08
18	1.5N4.5H-100001	调整垫圈 Adjusting shim	4		46700213	0.10
19	GB278-82	轴承 80304 Bearing	2		11003005	2.48
20	GB894.1-86	挡圈 20 Snap ring	4		20001852	0.03
21	1.5N4.5H-100002	侧滚轮轴 Side roller shaft	2		46700214	4.50
22	GB93-87	垫圈 8 Washer	4		20000026	0.01
23	GB5783-86	螺栓 M8X30 Bolt	4		20000044	0.08
24	S16N450-400000-000	右升降油缸 Lift cylinder, right	1	SEE Fig 42	46700215	194.24

图 37 起升组件 3 级门架
Fig. 37 Lifting part TRIPLEX

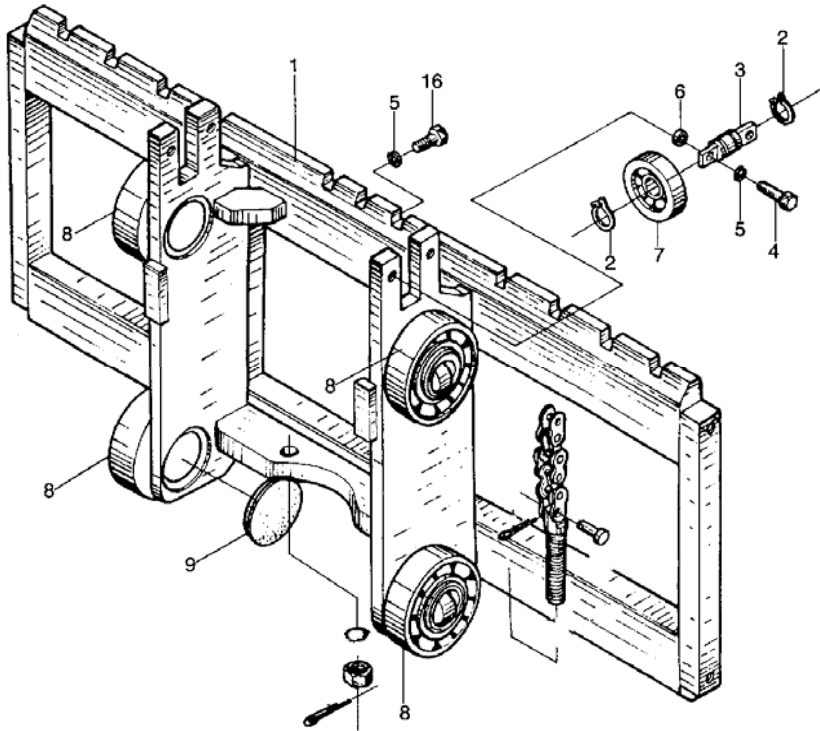


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
25	S16N450-600000-000	倾斜油缸 Tilt cylinder	1	Fig 34	46700216	127.21
26	GE30ES-2RS-G00	向心关节轴承 Bearing	2		20004784	8.13
27	S16M300-002000-000	销轴 Pin shaft	2		46700217	4.22
28	N30M300-004000-000	螺栓 M10X1.25X20 Bolt	4		70021893	0.13
29	S16M300-002000-000	销轴 Pin shaft	2		70025083	5.25
30	GB1152-89	油杯 M10X1 Oil cup	4		20003653	0.16
31	GB6170-86	螺母 M8 Nut	4		20000031	0.03
32	GB93-87	垫圈 8 Washer	4		20000026	0.01
33	HLB-3-3030-G00	无油轴承 Bearing	2		11007924	3.09
34	S16M300-000003-000	销轴 Pin shaft	2		70025077	3.95
35	GB70-85	螺钉 M8X70 Screw	4		20001032	0.08

<Optional Parts>

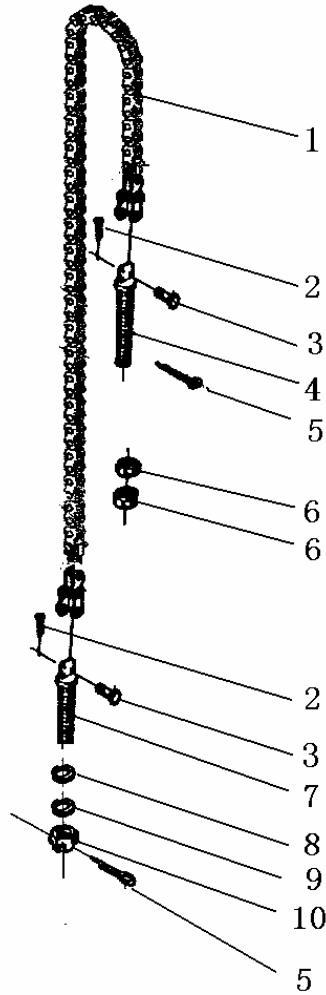
Item No.	1	
Lift Height (mm)	代号 Part No.	物料码 Code No.
4300	S16N430-101000-000	46700218
4500	(STD)	46700209
4800	S16N480-101000-000	46700219
5000	S16N500-101000-000	46700220
5500	S16N550-101000-000	46700221
6000	S16N600-101000-000	46700222

图 38 货叉架总成 3 级门架
 Fig. 38 Fork carriage assy' TRIPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	S16N450-301000-002	货叉架体 Fork carriage	1		46700223	296.55
2	GB894.1-86	挡圈 25 Snap ring	4		20001181	0.04
3	1.5M3H-300001	侧滚轮轴 Side roller shaft	2		46700014	4.50
4	GB5783-86	螺栓 M12X40 Bolt	4		20000005	0.21
5	GB93-87	垫圈 12 Washer	4		20000001	0.02
6	3U3A-100002	调整垫片 Ajusting shim	2 组		70002788	0.10
7	80605K-G00	侧向滚轮 25X70X17 Side roller	2		11000780	10.00
8	760211A-G00	复合滚轮 ϕ 113.2 Roller	4		11000611	31.00
9	N15M300-300005-G00	橡胶盖 Rubber cover	4		11007806	0.88

图 39 链条总成 3 级门架
Fig. 39 Chain TRIPLEX

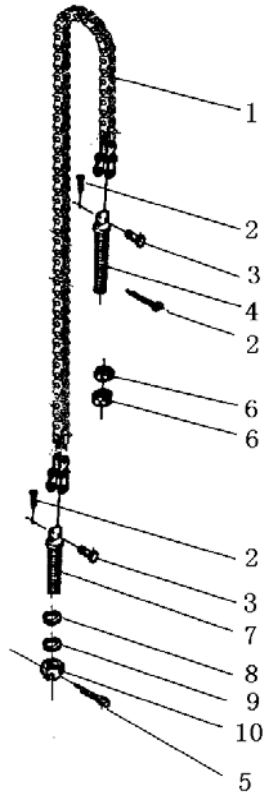


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16N450-030000-000	链条总成 Chain	1	See OPT.Parts	46700224	32.40
1	GB/T6074-1995	板式链 LH1223X101 Chain	1	See OPT.Parts	46700225	
2	GB91-86	销 3.2X35 Pin	2		20002758	
3	1.5M3H-002002	销轴 Pin shaft	2		46700024	
4	N15M300-030001-000	链条接头(1) Chain connector 1	1		46700226	
5	GB91-86	销 4X35 Pin	2		20003481	
6	GB6171-86	螺母 M16X1.5 Nut	2		20000072	
7	N15M300-030002-000	链条接头(2) Chain connector 2	1		46700227	
8	N15M300-030004-000	垫片 Washer	1		46700228	
9	GB93-87	垫圈 16 Washer	1		20000178	
10	GB9457-88	螺母 M16X1.5 Nut	1		20003689	

<Optional Parts>

Item No.	A		1	
	代号 Part No.	物料码 Code No.	名称 Description	物料码 Code No.
Lift Height (mm)				
4300	S16N430-030000-000	46700229	板式链 LH1223X97	46700234
4500	(STD)	46700224	(STD)	46700225
4800	S16N480-030000-000	46700230	板式链 LH1223X105	46700235
5000	S16N500-030000-000	46700231	板式链 LH1223X109	46700236
5500	S16N550-030000-000	46700232	板式链 LH1223X119	46700237
6000	S16N600-030000-000	46700233	板式链 LH1223X129	46700238

图 40 链条总成 3 级门架
Fig. 40 Chain TRIPLEX

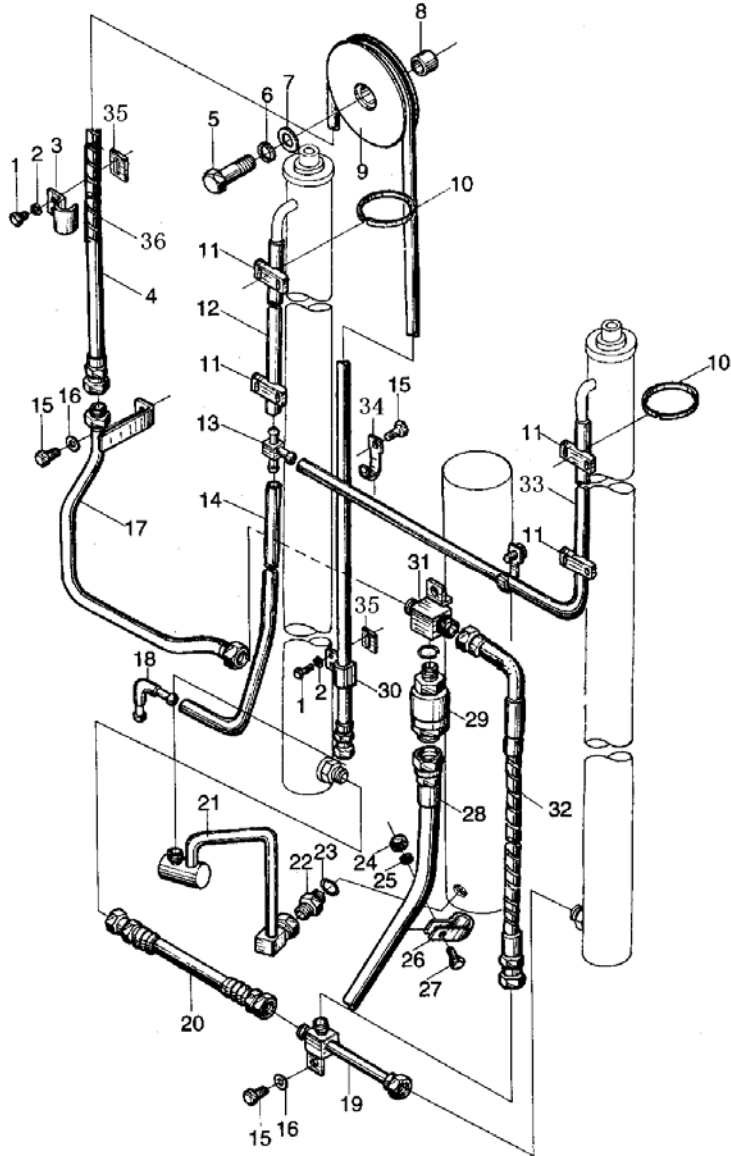


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16N450-040000-000	链条总成 Chain	1	See OPT.Parts	46700239	27.21
1	GB/T6074-1995	板式链 LH1223X71 Chain	1	See OPT.Parts	46700240	
2	GB91-86	销 3.2X35 Pin	3		20002758	
3	1.5M3H-002002	销轴 Pin shaft	2		46700024	
4	N15M300-030001-000	链条接头(1) Chain connector 1	1		46700226	
5	GB91-86	销 4X35 Pin	1		20003481	
6	GB6171-86	螺母 M16X1.5 Nut	2		20000072	
7	N15M300-030002-000	链条接头(2) Chain connector 2	1		46700227	
8	N15M300-030004-000	垫片 Washer	1		46700228	
9	GB93-87	垫圈 16 Washer	1		20000178	
10	GB9457-88	螺母 M16X1.5 Nut	1		20003689	

<Optional Parts>

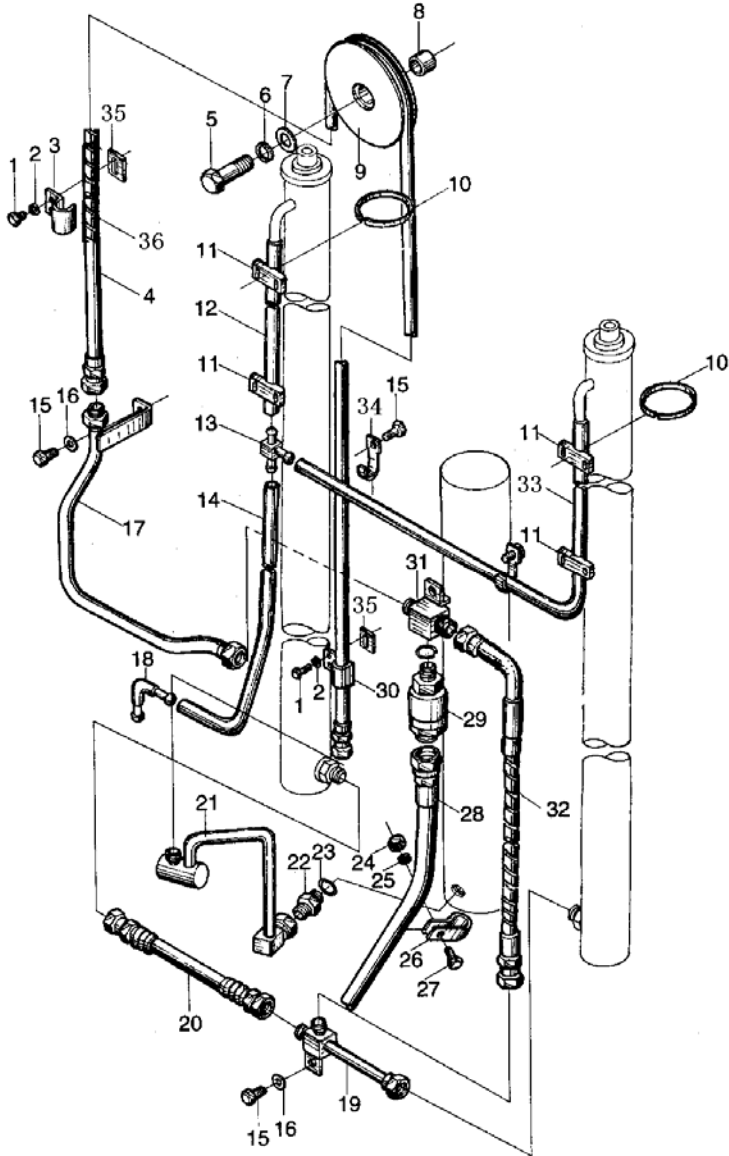
Item No.	A		1	
	代号 Part No.	物料码 Code No.	名称 Description	物料码 Code No.
Lift Height				
4300	S16N430-040000-001	46700241	板式链 LH1223X69	46700247
4500	(STD)	46700239	(STD)	46700240
4800	S16N480-040000-001	46700243	板式链 LH1223X73	46700249
5000	S16N500-040000-001	46700244	板式链 LH1223X75	46700250
5500	S16N550-040000-001	46700245	板式链 LH1223X79	46700251
6000	S16N600-040000-001	46700246	板式链 LH1223X85	46700252

图 41 油路系统 3 级门架
Fig. 41 Mast piping TRIPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	GB5783-86	螺栓 M6X16 Bolt	4		20000240	0.04
2	GB93-87	垫圈 6 Washer	4		20000054	0.01
3	S16N450-200005-000	管夹 Clip	1		46700253	1.88
4	S16N450-200004-000	胶管接头 Rubber pipe connector	1	See OPT.Part	46700254	36.85
5	GB5782-86	螺栓 M14X55 Bolt	1		20000841	0.36
6	GB93-87	垫圈 14 Washer	1		20000036	0.03
7	GB97.1-85	垫圈 14 Washer	1		20001914	0.03
8	N15N450-200021-000	轴套 Shaft sleeve	1		46700255	1.56
9	N15N450-200010-000	滑轮 Pulley wheel	1		46700256	17.43
10	GT-3001-G00	通用尼龙扎带 Clamp-band	4		11007268	0.49
11	N30M300-700002-000	镶边 Band	4		70022181	0.42
12	S16N450-200003-000	回油管 $\phi 14.5 \times \phi 9.5$ Return oil pipe	1	See OPT.Part	46700257	2.00
13	N30M300-700005-000	三通接头 Tee connector	1		70022183	1.34
14	S16N450-200001-000	回油管 $\phi 14.5 \times \phi 9.5$ Return oil pipe	1	See OPT.Part	46700258	1.50
15	N30M300-003000-000	螺栓 M8X1.25X16 Bolt	5		70021892	0.10
16	GB97.1-85	垫圈 8 Washer	1		20000034	0.01
17	S16N450-204000-001	弯管接头 Connector	1		46700259	13.63
18	N15M300-700010-000	接头 Connector	1		70024320	2.53
19	S16N450-205000-001	三通接头 Tee connector	1		46700260	5.94
20	S16N450-201000-000	油管 Rubber pipe connector	1		46700261	12.03
21	S16N450-202000-000	硬管接头 Connector	1		46700262	9.70
22	S16N450-200007-000	接头体 Connector	1		46700263	0.78
23	JB982-77	垫圈 22 Washer	1		20001082	0.13
24	GB6170-86	螺母 M8 Nut	1		20000031	0.03
25	GB93-87	垫圈 8 Washer	1		20000026	0.01

图 41 油路系统 3 级门架
Fig. 41 Mast piping TRIPLEX



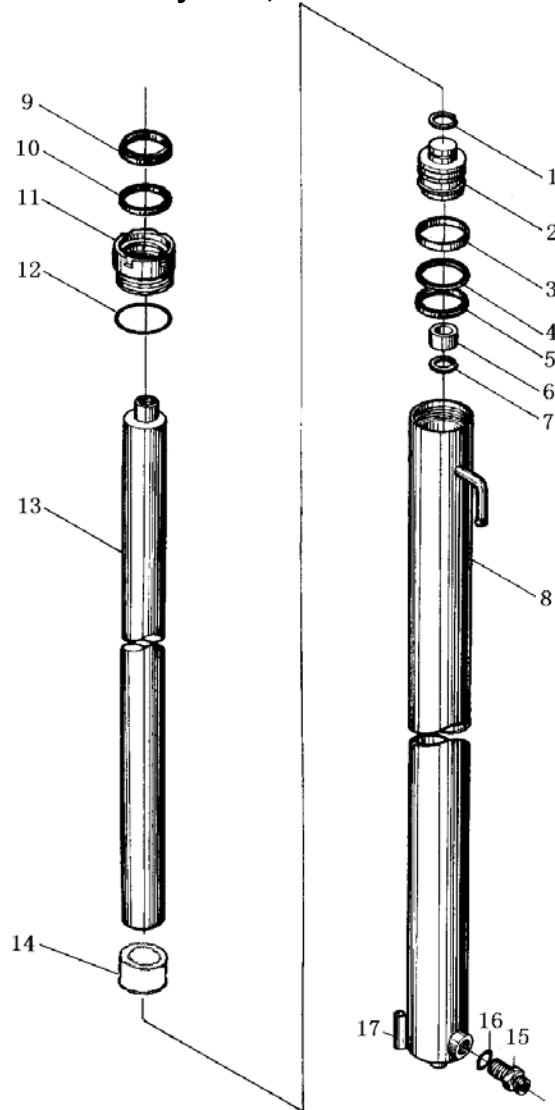
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
26	S16M300-700005-000	管夹 Clip	1		70025133	1.10
27	GB5783-86	螺栓 M8X16 Bolt	1		20000107	0.04
28	S16M300-702000-000	胶管总成 Rubber pipe	1		70025135	26.50
29	N15M300-702000-000	限速阀 Speed limiting valve	1		70024322	23.06
30	S16N450-200008-000	管夹 Clip	1		46700264	1.00
31	S16M300-703000-000	三通接头 Tee connector	1		70025136	3.12
32	S16N450-200006-000	胶管接头 Rubber pipe	1		46700265	9.50
33	S16N450-200002-000	回油管 $\phi 14.5 \times \phi 9.5$ Return oil pipe	1	See OP.Part	46700266	3.00
34	S16M300-700003-000	管夹 Clip	2		70025131	1.20
35	S16N450-200009-000	垫块 Block	2		46700267	1.50
36	2.5N4.5H*200014	护套($\phi 17 \times 1$) Rubber	1		46700268	

<Optional Parts>

Item No.	4		12		33	
	代号 Part No.	物料码 Code No.	代号 Part No.	物料码 Code No.	代号 Part No.	物料码 Code No.
Lift Height (mm)						
4300	S16N430-200004-000	46700269	S16N430-200003-000	46700274	S16N430-200002-000	46700279
4500	(STD)	46700254	(STD)	46700257	(STD)	46700266
4800	S16N480-200004-000	46700270	S16N480-200003-000	46700275	S16N480-200002-000	46700280
5000	S16N500-200004-000	46700271	S16N500-200003-000	46700276	S16N500-200002-000	46700281
5500	S16N550-200004-000	46700272	S16N550-200003-000	46700277	S16N550-200002-000	46700282
6000	S16N600-200004-000	46700273	S16N600-200003-000	46700278	S16N600-200002-000	46700283

图 42 右升降油缸 3 级门架
左升降油缸 TRIPLEX

Fig. 42 Lift cylinder, right
Lift cylinder, left



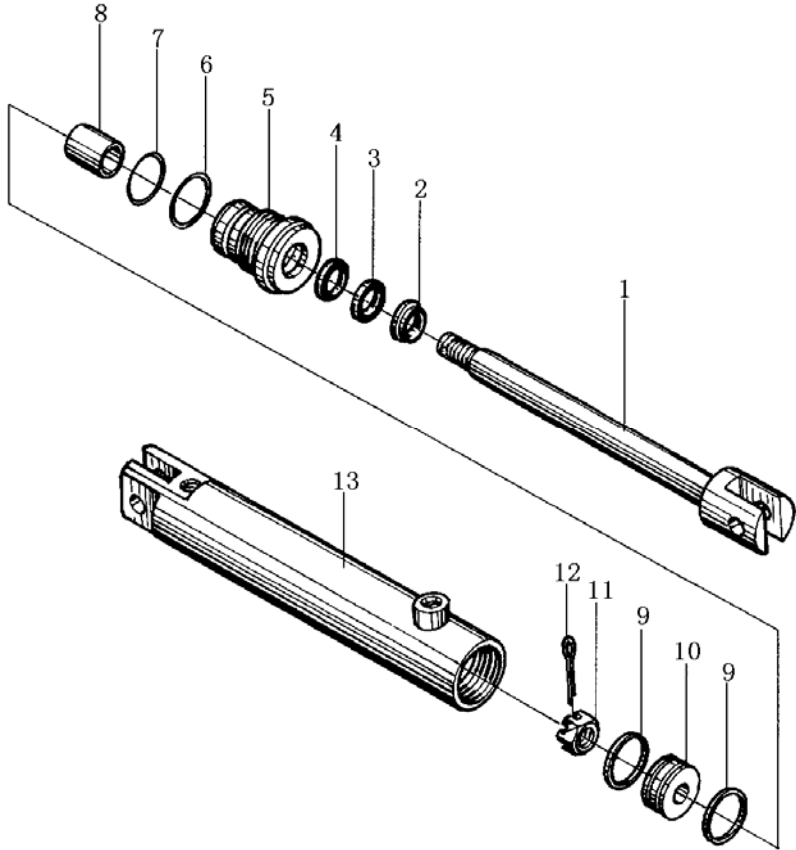
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16N450-400000-000	右升降油缸 Lift cylinder, right	1	See OPT. Parts	46700284	194.24
B	S16N450-500000-000	左升降油缸 Lift cylinder, left	1	See OPT. Parts	46700285	194.24
1	GB895.1-86	挡圈 21Snap ring	1		20003749	0.08
2	N15M300-400002-W00	活塞 Piston	1		70024300	9.56
3	N15M300-400003-W00	支承圈 Support ring	1		70024301	2.22
4	N15M300-400004-W00	保护圈 Ring	1		70024302	1.65
5	B7045CP5008-G00	B7 密封圈 D45 B7-seal ring D45	1		46700034	
6	N15M300-400005-W00	阀套 Sleeve	1		70024303	0.94
7	GB895.1-86	挡圈 25Snap ring	1		20003750	0.08
8	S16N450-401000-W00	缸体 Cylinder body, right	1	See OPT.Parts	46700286	86.60
	S16N450-501000-W00	缸体 Cylinder body, left	1	See OPT.Parts	46700287	86.60
9	AF035AZ5071-G00	AF 防尘圈 d35 AF-dustproof ring d35	1		46700035	
10	B3035BP5008-G00	B3 密封圈 d35 B3-seal ring d35	1		46700036	
11	N15M300-402000-W00	导向套 Guide sleeve	1		70024305	9.28
12	2-133N674-G00	O 形密封圈 45.69X2.62 O-ring	1		46700037	0.20
13	S16N450-400001-W00	活塞杆 Piston rod	1	See OPT.Parts	46700288	92.30
14		隔套 Bush	1	See OPT.Parts	46700038	
15	S16M300-40001-W00	直通接头 Connector	1		46700039	1.32
16	JISB2401-P14-G00	O 形密封圈 P14 O-ring	1		46700040	0.16
17	GB119-86	销 10X30 Pin	1		20000717	0.24
K1	K1-LIFT CLD.	起升油缸维修包 Seal Kit of Lift Cylinder	1	INC. 1,3,4,5, 7,9,10,12,16	46700284 01	45.90

Fig. 42-<Optional Parts>

Item No.	A	B	8 (right)	8(left)	13	14
Lift Height	代号 Part No.	代号 Part No.	代号 Part No.	代号 Part No.	代号 Part No.	代号 Part No.
4300	S16N430-400000-000	S16N430-500000-000	S16N430-401000-W00	S16N430-501000-W00	S16N430-400001-W00	Without part 14
Code No.	46700289	46700294	46700299	46700304	46700309	
4500	(STD)	(STD)	(STD)	(STD)	(STD)	Without part 14
Code No.	46700284	46700285	46700286	46700287	46700288	
4800	S16N480-400000-000	S16N480-500000-000	S16N480-401000-W00	S16N480-501000-W00	S16N480-400001-W00	Without part 14
Code No.	46700290	46700295	46700300	46700305	46700310	
5000	S16N500-400000-000	S16N500-500000-000	S16N500-401000-W00	S16N500-501000-W00	S16N500-400001-W00	Without part 14
Code No.	46700291	46700296	46700301	46700306	46700311	
5500	S16N550-400000-000	S16N550-500000-000	S16N550-401000-W00	S16N550-501000-W00	S16N550-400001-W00	Without part 14
Code No.	46700292	46700297	46700302	46700307	46700312	
6000	S16N600-400000-000	S16N600-500000-000	S16N600-401000-W00	S16N600-501000-W00	S16N600-400001-W00	S16N600-400002-W00
Code No.	46700293	46700298	46700303	46700308	46700313	46700314

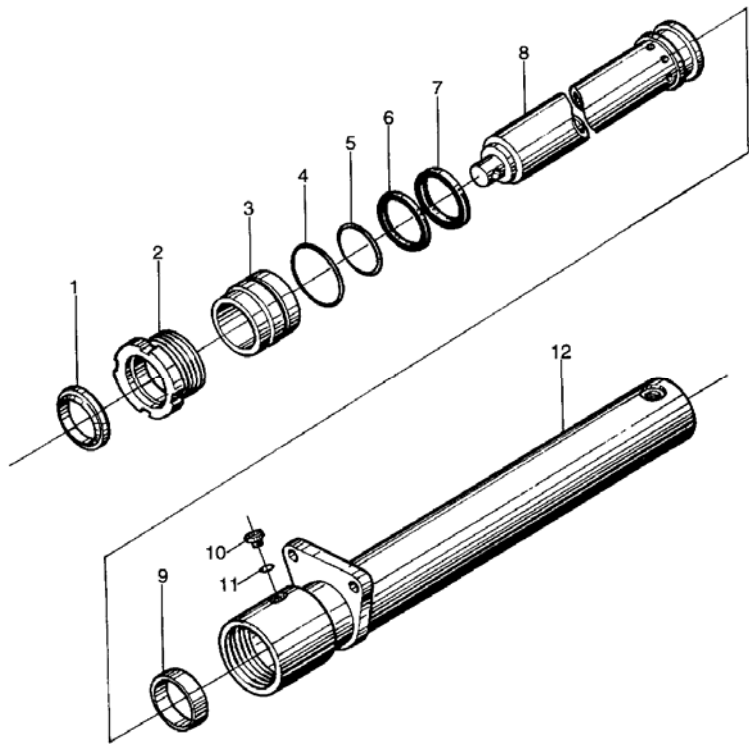
图 43 侧移油缸

Fig. 43 Side shift cylinder



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16V450-303000-000	侧移油缸 Side shifter cylinder	1	Total 1-13	46700159	106.85
1	S16V450-303200-000	活塞杆 Piston rod	1		46700315	39.00
2	CK-025-G00	CK 防尘圈 d25 Dustproof	1		46700316	
3	CKG-025-G00	CKG 密封圈 d25 Seal ring	1		46700317	
4	CKS-0250-G00	CKS 密封圈 d25 Seal ring	1		46700318	
5	2025N4.5-133002	导向套 Guide sleeve	1		46700319	10.12
6	GB1235-76	O 形密封圈 56X3.5 O-ring	1		20000778	0.13
7	GB1235-76	O 形密封圈 50X3.5 O-ring	1		20000170	0.13
8	2025N4.5-133001	含油油衬 Oil seal	1		46700320	1.23
9	3-22-00-10	活塞环 Piston ring	2		46700321	1.15
10	3-22-00-03	活塞 Piston	1		46700322	6.25
11	3-22-00-02	六角槽形螺母 Nut	1		46700323	0.86
12	GB91-86	销 4X35 Pin	1		20003481	0.02
13	S16V450-303100-000	油缸体 Cylinder body	1		46700324	52.00
K1	K1-Side shifter CLD.	密封件维修包 Seal kit of side shifter cylinder	1	INC. 2,3,4,6,7,8	4670015901	5.00

图 44 前升降油缸
Fig. 44 Lift cylinder, front



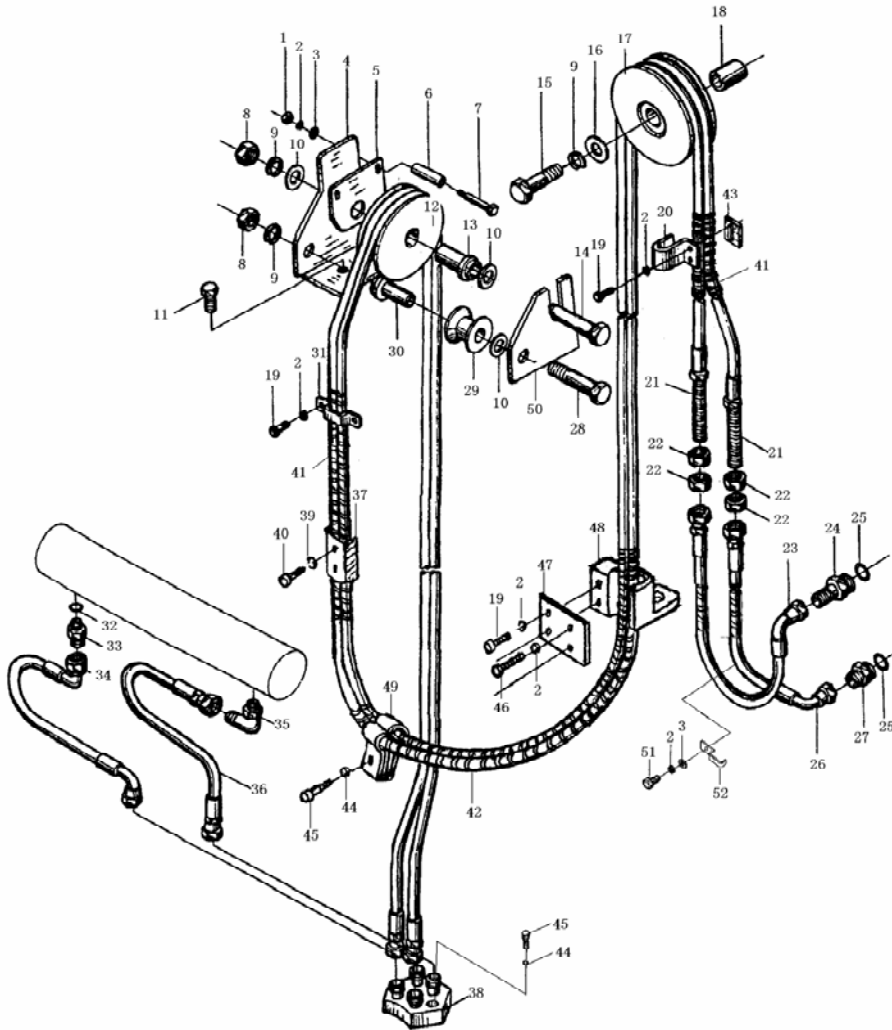
序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
A	S16N450-800000-000	前升降油缸 Lift cylinder	1	See OPT.Parts	46700193	180.00
1	CL0121C0-G00	LBH 圈 d70 Dustproof ring	1		46700325	
2	1.5U3H-700002B	缸盖 Cap	1		46700326	15.80
3	1.5U3H-700003	导套 Guide bush	1		46700327	13.10
4	GB1235-76	O 形密封圈 95X3.1O-ring	1		20001820	0.23
5	GB1235-76	O 形密封圈 75X3.1O-ring	1		20000891	0.20
6	1.5U3H-700001	挡片 Shim	1		46700328	0.95
7	FU0849K0-G00	ISI 密封圈 d70 ISI-seal ring	1		11003028	
8	S16N450-802000-000	柱塞杆总成 Plunger piston	1	See OPT.Parts	46700329	75.00
9	1.5U3H-700004	支承环 Support ring	1		46700330	1.95
10	2.5CDJ32-00-07	放气螺塞 Air bleeder plug	1		46700331	0.82
11	GB1235-76	O 形密封圈 16X2.4 O-ring	1		20000223	0.06
12	S16N450-801000-000	缸体总成 Cylinder body	1	See OPT.Parts	46700332	85.50
K1	K1- Front lift CLD.	修理包 Kit of front CLD.	1	INC.1,4,5,7,9,11	4670019301	19.28

<Optional Parts>

Item No.	A	8	12
Lift Height	代号 Part No.	代号 Part No.	代号 Part No.
4300	S16N430-800000-000	S16N430-802000-000	S16N430-801000-000
Code No.	46700333	46700338	46700343
4500	(STD)	(STD)	(STD)
Code No.	46700193	46700329	46700332
4800	S16N480-800000-000	S16N480-802000-000	S16N480-801000-000
Code No.	46700334	46700339	46700344
5000	S16N500-800000-000	S16N500-802000-000	S16N500-801000-000
Code No.	46700335	46700340	46700345
5500	S16N550-800000-000	S16N550-802000-000	S16N550-801000-000
Code No.	46700336	46700341	46700346
6000	S16N600-800000-000	S16N600-802000-000	S16N600-801000-000
Code No.	46700337	46700342	46700347

图 45 侧移油路

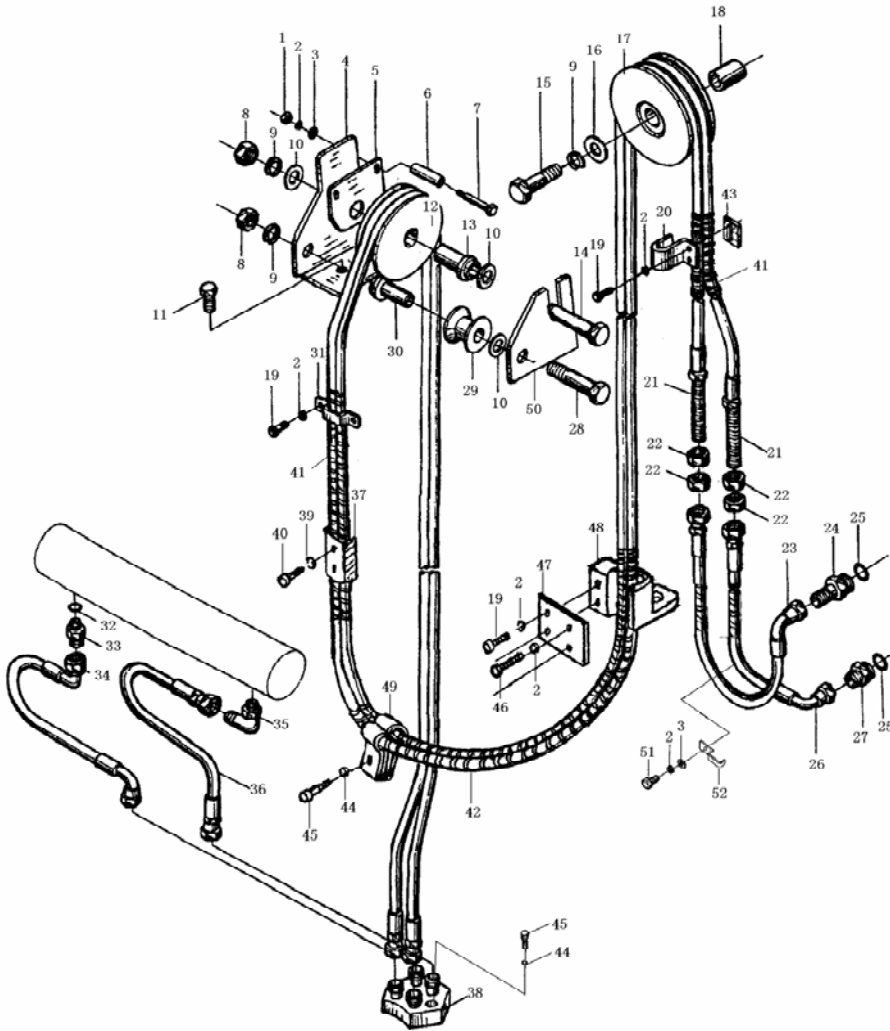
Fig. 45 Side shifter piping



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
1	GB6170-86	螺母 M6 Nut	2		20001827	0.02
2	GB93-87	垫圈 6 Washer	3		20000054	0.01
3	GB97.1-85	垫圈 6 Washer	11		20000785	0.01
4	S16V450-900006-000	固定板 Plate	1		46700348	
5	S16V450-900003-000	支板 Plate	1		46700349	
6	S16V450-900002-000	套 Sleeve	2		46700350	0.26
7	S16V450-900001-000	螺栓 Bolt	2		46700351	0.26
8	GB6170-86	螺母 M14 Nut	2		20000633	0.13
9	GB93-87	垫圈 14 Washer	3		20000036	0.03
10	S16V450-900004-000	垫圈 Washer	5		46700352	0.25
11	N30M300-004000-000	螺栓 M10X1.25X20	1		46700353	0.13
12	1.4QN5-800016	滑轮 Pulley wheel	1		46700354	18.43
13	S16V450-900005-000	套 Sleeve	1		46700355	0.63
14	GB5782-86	螺栓 M14X100 Nut	1		46700356	0.68

图 45 侧移油路

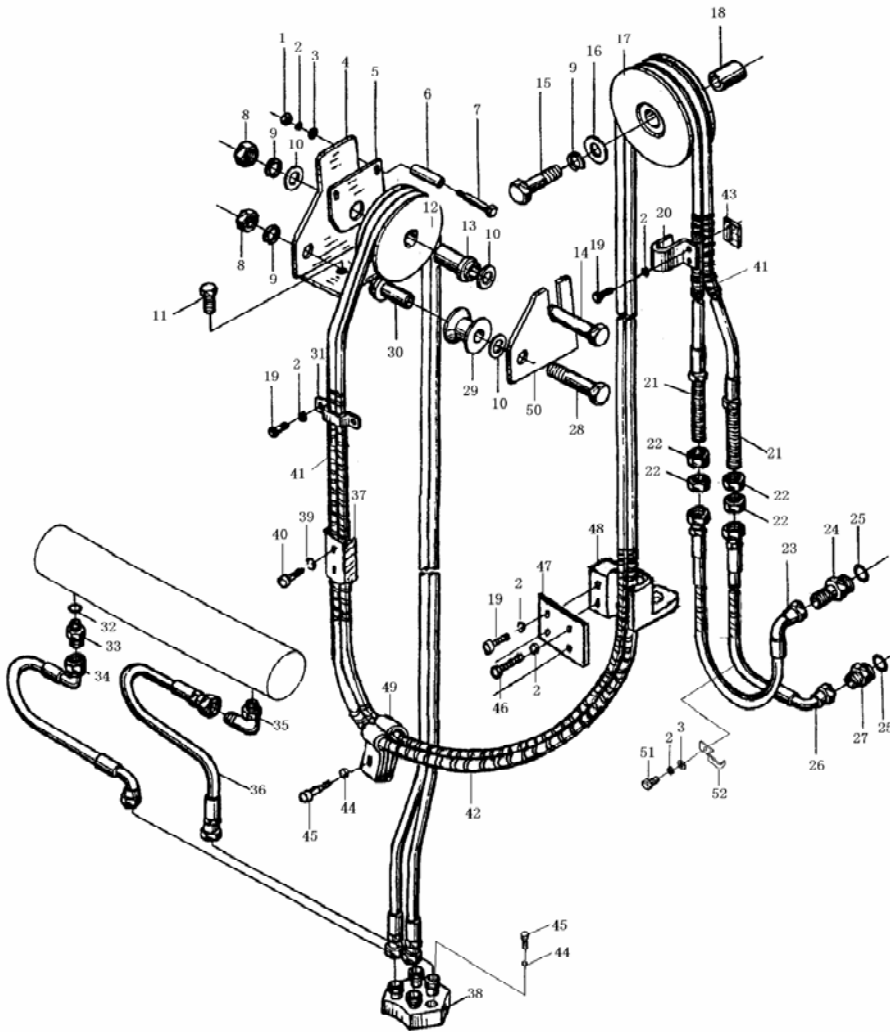
Fig. 45 Side shifter piping



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
15	GB5782-86	螺栓 M14X60 Bolt	1		46700357	0.40
16	GB97.1-85	垫圈 14 Washer	1		20001914	0.02
17	S16V450-900014-000	滑轮 Pulley wheel	1		46700358	18.43
18	S16B300-900007-000	轴套 Shaft sleeve	1		46700359	0.79
19	GB5783-86	螺栓 M6X16 Bolt	6		20000240	0.04
20	S16V450-900013-000	管夹 Clip	1		46700360	0.65
21	S16V450-900012-001	胶管总成 Oil pipe assy	2	See OPT.Part	46700361	44.26
22	1.4QN5-800001	螺母 Nut	4		46700362	0.49
23	S16B300-900004-000	胶管总成 Oil pipe assy	1		46700363	13.65
24	S16B300-900003-000	直通接头 Connector	1		46700364	0.82
25	GB1235-76	O形密封圈 22X2.4 O-ring	2		20000123	0.07
26	S16B300-900001-000	胶管总成 Oil pipe assy	1		46700365	23.52
27	S16B300-900002-000	直通接头 Connector			46700366	0.82
28	GB5782-86	螺栓 M14X90 Bolt	1		46700367	0.58

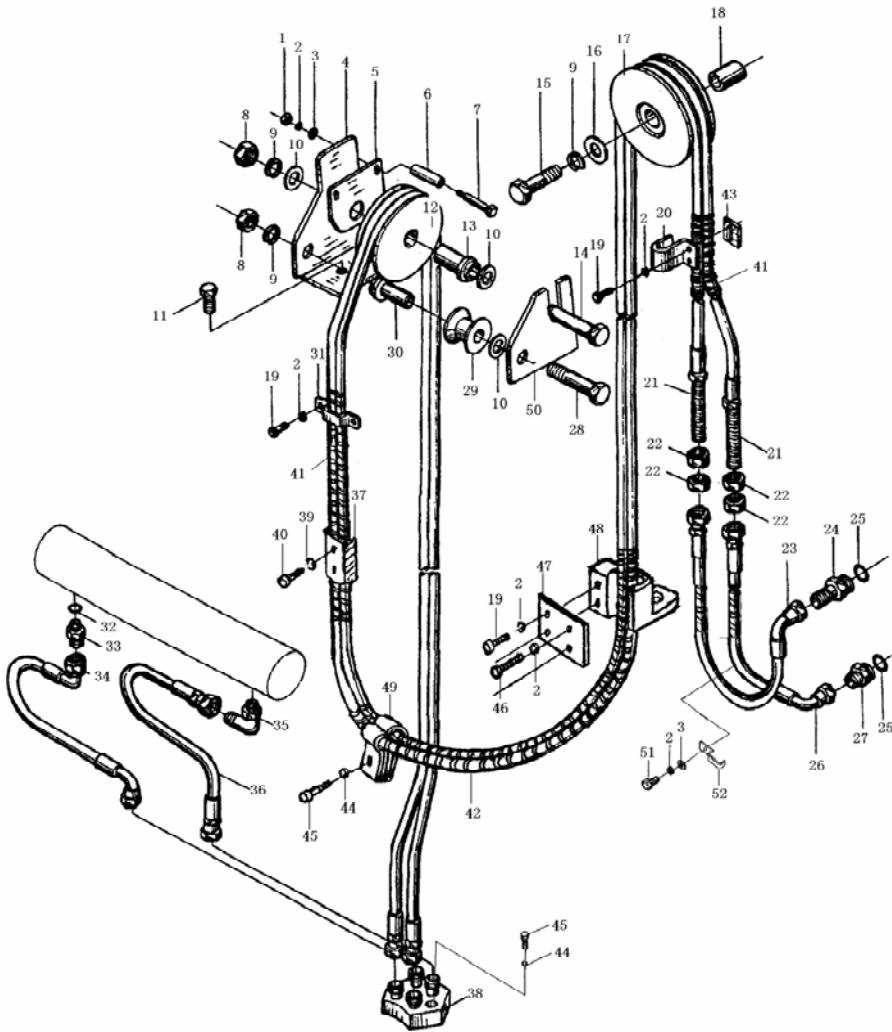
图 45 侧移油路

Fig. 45 Side shifter piping



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
29	S16V450-900015-000	滑轮 Pulley wheel	1		46700368	9.37
30	S16V450-900016-000	套 Sleeve	1		46700369	0.31
31	S16V450-900008-000	管夹 Clip	1		46700370	0.48
32	JISB2401-P11-G00	O形密封圈 P11 O-ring	1		11007272	0.13
33	S16B300-900011-000	直通接头 Connector	1		46700371	0.84
34	S16V450-900010-000	胶管总成 Oil pipe assy	1		46700372	9.35
35	N163-620800-000	90度管接头 Connector	1		46700373	4.78
36	S16V450-900011-000	胶管总成 Oil pipe assy	1		46700374	9.35
37	S16C300-900004-00	管夹 Clip	1		46700375	22.03
38	S16V450-902000-000	接头支座 Connector seat	1		46700376	12.08
39	GB93-87	垫圈 5 Washer	2		20000160	0.01
40	GB5783-86	螺栓 M5X25 Bolt	2		20001769	0.04
41	2.5N4.5H*200014	护套(φ17X1) Nylon sleeve	6		46700377	
42	N163-630001-W00	护套(φ17X1) Nylon sleeve	2		46700378	3.30
43	S16N450-200009-000	垫块 Block	1		46700379	1.50
44	GB93-87	垫圈 8 Washer	2		20000026	0.01
45	GB70-85	螺钉 M8X20 Screw	2		20000463	0.04
46	GB5783-86	螺栓 M6X30 Bolt	2		20000047	
47	S16V450-900019-000	固定板 Block	1		46700380	

图 45 侧移油路
Fig. 45 Side shifter piping

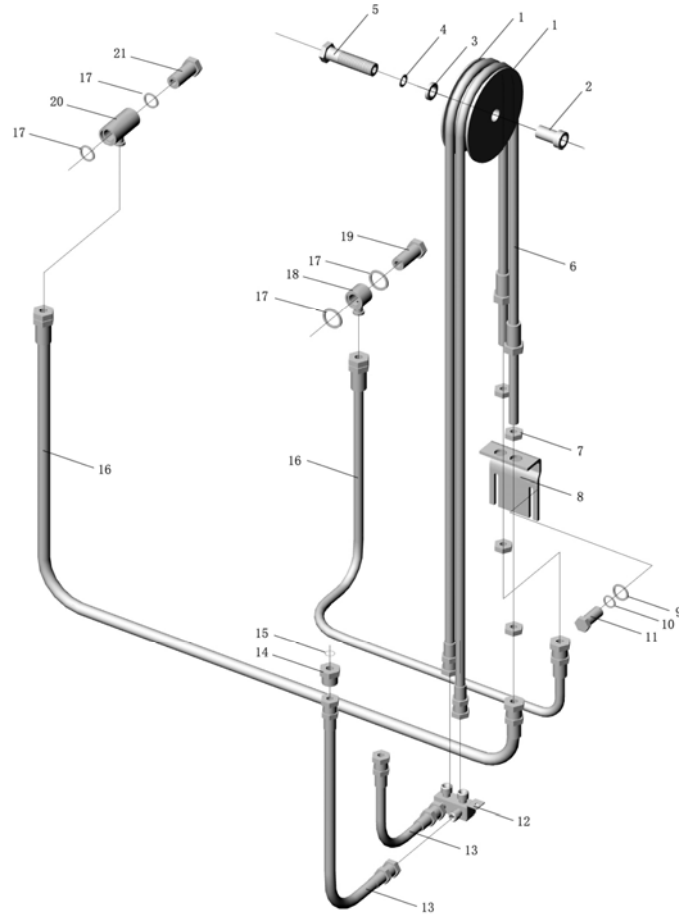


序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No	物料码 Code No.	价格 U/Price
48	S16V450-900018-000	固定支座 Seat	1		46700381	3.58
49	S16V450-900020-000	管夹 Clip	2		46700382	
50	S16V450-900017-000	固定板 Block	1		46700383	
51	GB5783-86	螺栓 M6X20 Bolt	1		20003584	0.04
52	S16B300-900012-000	固定夹 Clip	1		46700384	1.65

<Optional Parts>

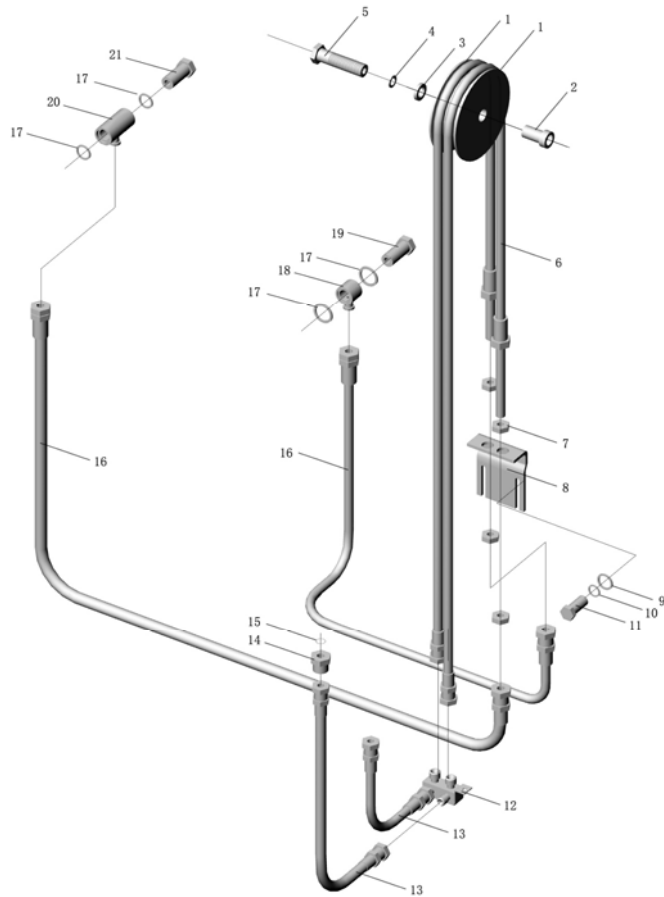
Item No.	6	
Lift Height	代号 Part No.	物料码 Code No.
4300	S16V430-900012-001	46700385
4500	(STD)	46700361
4800	S16V480-900012-001	46700386
5000	S16V500-900012-001	46700387
5500	S16V550-900012-001	46700388
6000	S16V600-900012-001	46700389

图 46 第四联附加油路 2 级门架
 Fig46. 4th hydraulic vavle oil pipe DUPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	S16B300-900008-000	滑轮 Pulley wheel	1		40001109	19.12
2	S16B300-900007-000	轴套 Shaft sleeve	1		40001056	0.59
3	GB97.1-85	垫圈 14 Washer 14	1		20001914	0.03
4	GB93-87	垫圈 14 Washer 14	1		20000036	0.03
5	GB5782-86	螺栓 M14X60 Bolt M14X60	1		20003602	0.39
6	S16B300-900006-000	胶管总成 Oil pipe assy'	2	3m	012027001	19.75
			2	3.3m	012027002	21.37
			2	3.6m	012027003	22.99
			2	4m	012027004	25.15
			2	4.3m	012027005	26.77
			2	4.5m	012027006	27.85
7	1.4QN5-800001	螺母 Nut	4		70017566	0.48
8	S16B300-900005-000	支板 Bracket	1		011019016	2.90
9	GB97.1-85	垫圈 8 Washer 8	2		20003404	0.01
10	GB93-87	垫圈 8 Washer 8	2		20000026	0.01
11	GB5783-86	螺栓 M8X30 Bolt M8X30	2		20000033	0.08
12	S16B300-901000T	接头支座 Connector seat	1	M16X1.5	011019017	9.00
13	JB1885-77	胶管接头 Oil pipe assy	2	6I-650G/G Revolving Clamp	012026009	7.20

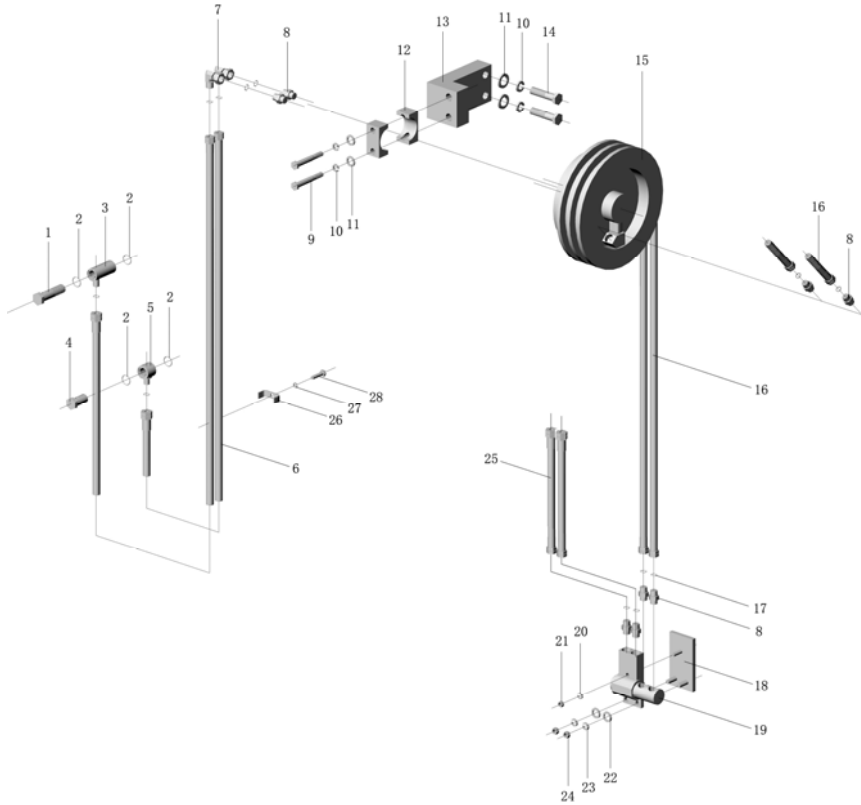
图 46 第四联附加油路 2 级门架
 Fig46. 4th hydraulic vavle oil pipe DUPLEX



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
14	CSOC-00-27	变径接头 Connector	2		011001011	2.29
15	GB1235-76	O 形圈 14X1.9 O-ring	2		20001100	0.07
16	JB1885-77	胶管接头 Oil pipe assy	2	8I-1000G/G M16X1.5	012001006	12.70
17	GB1235-76	O 形圈 26X2.4 O-ring	4		20000121	0.08
18	30DH-600010	铰接接头体 Connector	1		70003962	1.52
19	3-60-00-04	铰接螺栓 Bolt	1		70000334	0.74
20	30DH-600012	铰接接头体 Connector	1		70003964	1.91
21	3-60-00-02	铰接螺栓 Bolt	1		70000332	1.14

图 47 全自由门架第四联(卷管器)附加油路(1.3-2T)

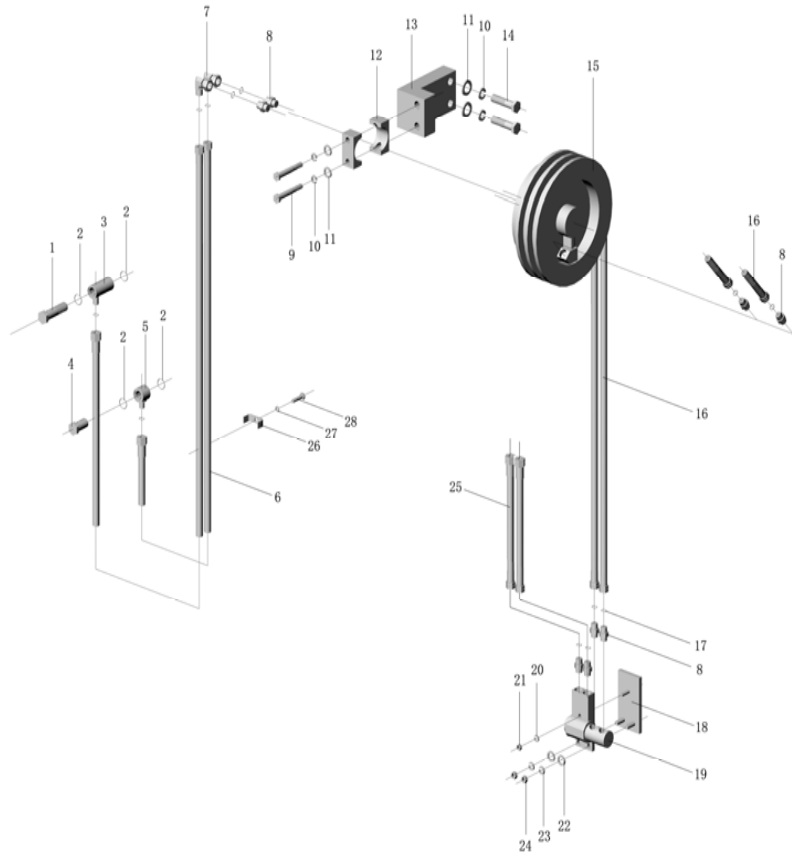
Fig47. 4th hose reel oil pipe (1.3-2T) Free Lift



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
1	3-60-00-02	铰接螺栓 Bolt	1		70000332	1.14
2	GB1235-76	O 形圈 26X2.4 O-ring	4		20000121	0.08
3	3-60-00-01	铰接接头体 Connector	1		70000331	1.91
4	3-60-00-04	铰接螺栓 Bolt	1		70000334	0.74
5	3-60-00-03	铰接接头体 Connector	1		70000333	1.19
6	JB1885-77	胶管接头 Oil pipe assy	2	10I-1800 M18X1.5 3m	012012004	22.36
			2	10I-2000 M18X1.5 3.3m	012013001	23.36
			2	10I-1650 M18X1.5 4.3m 4.5m Tree mast		21.80
7	H2R/H8R-007	直角接头 Connector	2		011002014	
8	H2R/H8R-006	直通接头 Connector	6		011002013	
9	GBH2R-H8R	螺栓 M12X90 Bolt	2		011002016	0.39
10	GB93-87	垫圈 12 Washer	4		20000001	0.02
11	GB97.1-86	垫圈 12 Washer	4		20002822	0.02
12	H2R/H8R-008	安装块 Mounting Block	2		011002015	
13	H2R-001	安装板 Monnting Broad	1	DUPLEX	011002007	
	H8R-001		1	TRIPLEX	011002018	
14	GB5783-86	螺栓 M12X50 Bolt	2		20003387	0.23
15	H2R 679532	卷管器 Hose Reel	1	DUPLEX	002003001	
	H8R 679534		1	TRIPLEX	002003002	

图 47 全自由门架第四联(卷管器)附加油路(1.3-2T)

Fig47. 4th hose reel oil pipe (1.3-2T) Free Lift



序号 Item No.	代号 Part No.	名称 Description	数量 Q'ty	备注或适用车型 Remarks or Series No.	物料码 Code No.	价格 U/Price
16	JB1885-77	胶管接头 Oil pipe assy	2	10I-1850 M18X1.5 3m	012012005	22.80
			2	10I-2050 M18X1.5 3.3m	012013004	23.80
			2	10I-3350 M18X1.5 4.3m 4.5m Tree mast		33.50
17	GB1235-76	O 形圈 14X2.4 O-ring	12		20000120	0.07
18	H2R/H8R-004	安装板 Montring Broad	1	With Sideshft	011002011	
	H2R/H8R-005		1	Without Sideshift	011002012	
19	679994	连接块 Junction Block	1		011002017	
20	GB93-87	垫圈 8 Washer	1		20000026	0.01
21	GB6170-85	螺母 M8 Nut	1		20000564	0.04
22	GB97.1-86	垫圈 10 Washer	2		20002829	0.02
23	GB93-87	垫圈 10 Washer	2		20000003	0.02
24	GB6170-85	螺母 M10 Nut	2		20000035	0.05
25	JB1885-77	胶管接头 Oil pipe assy	2	10I-750 DUPLEX	012011003	13.55
26	2025C3-200009	压块 II Press block	1	DUPLEX	011003005	0.66
27	GB93-87	垫圈 8 Washer	1	DUPLEX	20000026	0.01
28	GB5783-86	螺栓 M8X35 Bolt	1		20003695	0.08

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