

备 件 目 录

part list

G13112

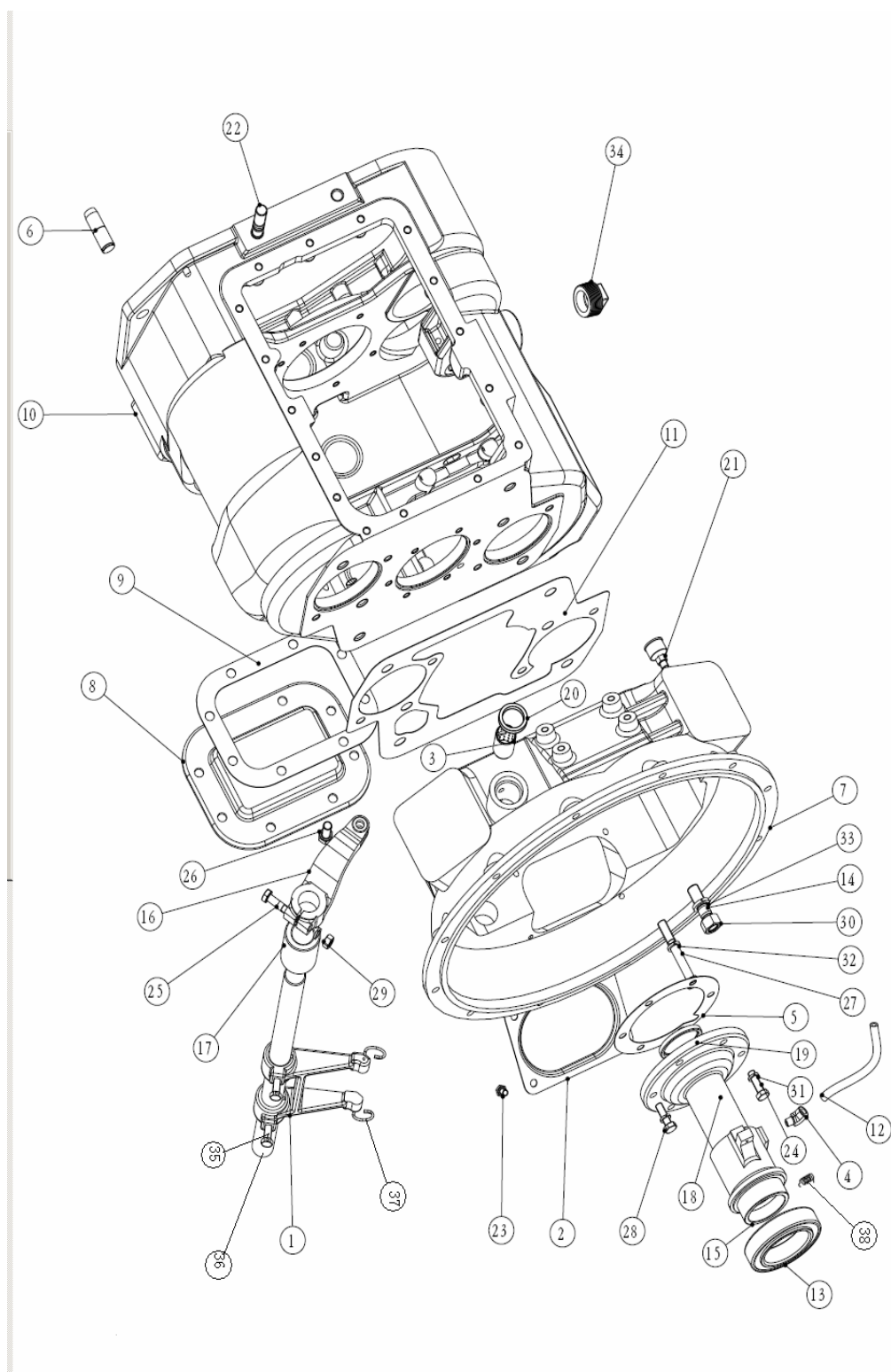
(8JS118TB-B)

陕西法士特齿轮有限责任公司

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一、离合器和变速器壳体总成 Clutch and Transmission Housing Assy

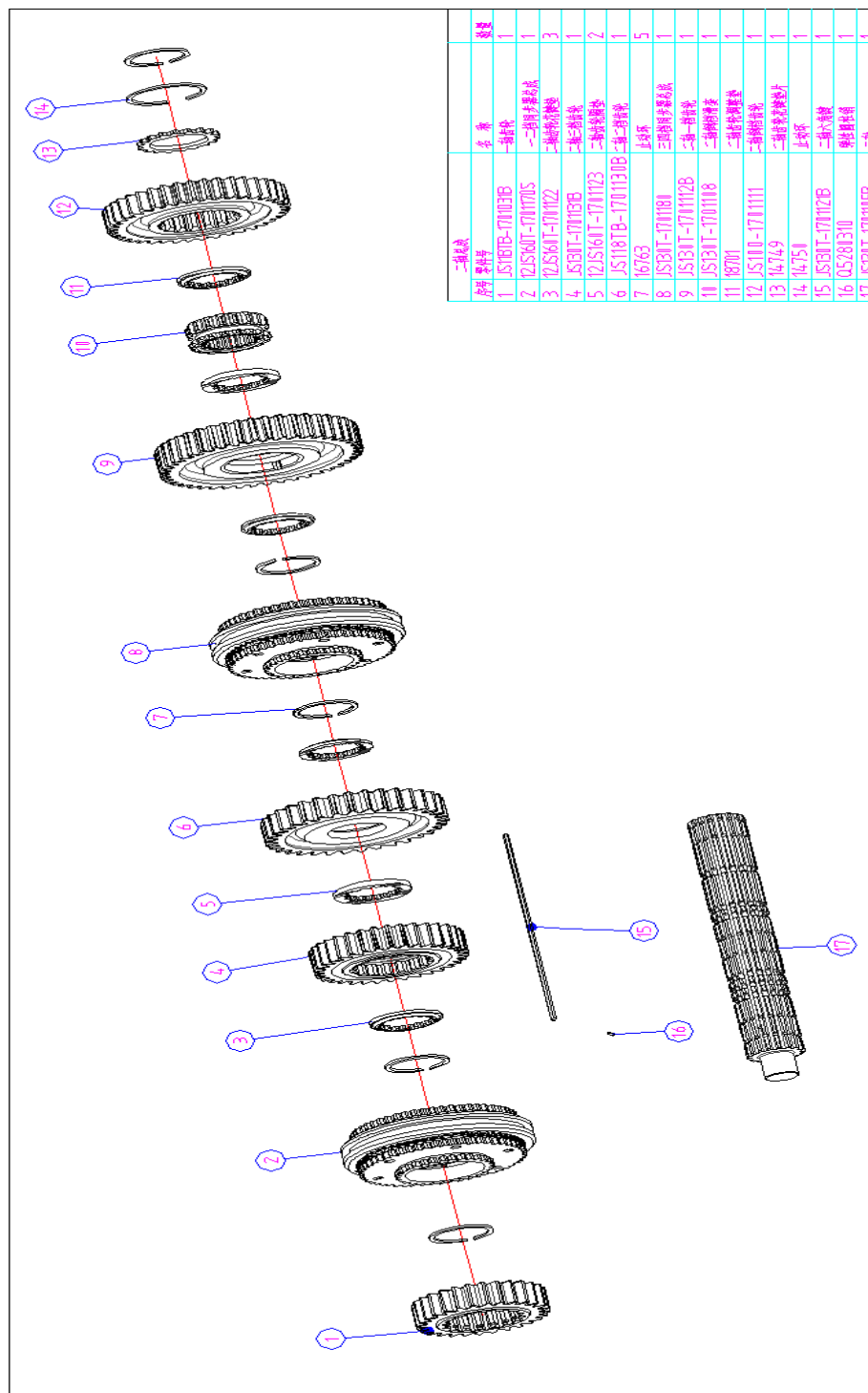


代号	零件号	零件名称.	数量
1	C04012-4	离合器分离拨叉 Release fork, clutch	1
2	1565	离合器手孔盖 Hand hole cover, clutch	1
3	8677-1	离合器拨叉轴衬套 Bush, fork shaft, clutch	1
4	12880	45° 弯管接头 45° siphon union	1
5	14311	一轴轴承盖衬垫 Gasket, bearing cover I/S	1
6	14334	后盖定位销 Locating pin, rear cover	2
7	15410-14	SAE1# 离合器壳体 clutch housing	1
8	16596	底取力窗口 Bottom PTO opening	1
9	16929	底取力窗口衬垫 Gasket, bottom PTO opening	1
10	JS100-1701015	变速器壳体 Transmission housing	1
11	20822	离合器壳体衬垫 Gasket, clutch housing	1
12	51003	油管总成 Oil pipe assembly	1
13	996914	离合器分离球轴承 Angular contact release ball bearing, clutch	1
14	C01056	双头螺栓 Double-head bolt	6
15	C04002	离合器分离轴承座 Release bearing seat, clutch	1
16	C04011-9	离合器分离摇臂 Release fork shaft assembly, clutch	1
17	C04017-1	隔套	1

		Space sleeve	
18	F91409-1	一轴轴承盖 Bearing cover, I/S	1
19	F91410	一轴轴承盖油封 Oil seal, bearing cover I/S	1
20	F91444	油封 Oil seal	1
21	GB1154-79 A-6	旋盖式油杯 A-6 M10×1 Rotate oil cup A-6	1
22	Q1231640	双头螺栓 Double-headed bolt	2
23	GB21-76	小六角头螺栓 M8×12 Small hex bolt	4
24	GB5782-86	六角头螺栓 M10×32 hex bolt	4
25	Q150B1050	六角头螺栓 hex bolt	1
26	GB21-76	小六角头螺栓 M12×25 Small hex bolt	8
27	GB5783-86	小六角头螺栓 M12×90 Small hex bolt	2
28	Q1701032	六角头头部带孔螺栓 M10×32 Small hex bolt	2
29	Q340B10	六角螺母 Nut	1
30	GB889-80	六角尼龙圈锁紧螺母 M16×1.5 Nylon inset nut	6
31	GB93-87	弹簧垫圈 10 Spring washer	4
32	GB93-87	弹簧垫圈 12 Spring washer	2
33	GB95-85	垫圈 16 washer	6
35	X-7-603	六角头螺栓 hex bolt	2
36	C04010-5	离合器拨叉轴	1

		Rease yolk shaft	
37	9293	轴承回位弹簧 spring	2
38	4425	拉簧 Extension spring	2

二、二轴总成 Main shaft assembly



序号	零件号	名称	数量
1	JS118TB-1701031B	一轴齿轮 1 st gear, M/S	1
2	JS130T-1701180	同步器总成 Synchronizer	1
3	12JS160T-1701122	二轴齿轮花键垫 spling gasket of main shaft gears	3
4	JS130T-1701131B	二轴三档齿轮 3 rd speed gear of main shaft	1
5	12JS160T-1701123	二轴齿轮隔垫 gasket for main shaft gears	2
6	JS118TB-1701130B	二轴二档齿轮 2 nd speed gear of main shaft	1
7	16763	止动环 Stop ring	5
8	12JS160T-1701170	一二档同步器总成 Synchronizer of 1-2 speed gears	1
9	JS130T-1701112B	二轴一档齿轮 1 st speed gear of main shaft	1
10	JS130T-1701108	二轴倒档滑套 Sliding bush	1
11	18701	二轴齿轮调整垫 gasket for main shaft gears	1
12	JS100-1701111	二轴倒挡齿轮 Reverse gear of main shaft	1
13	14749	二轴齿轮花键垫片 spling gasket of main shaft gears	1

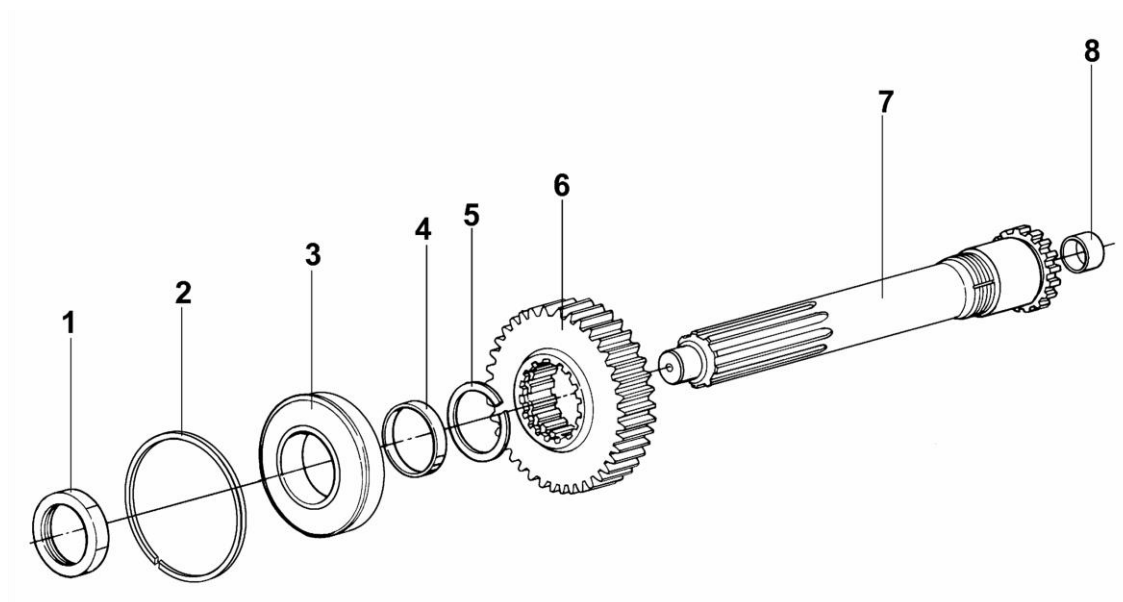
14	14750	止动环 Stop ring	1
15	JS130T-1701121B	二轴六角键 Hexagonal key of main shaft	1
16	Q5280310	弹性圆柱销 Pin	1
17	JS130T-1701105B	二轴 Main shaft	1

三、左、右中间轴总成

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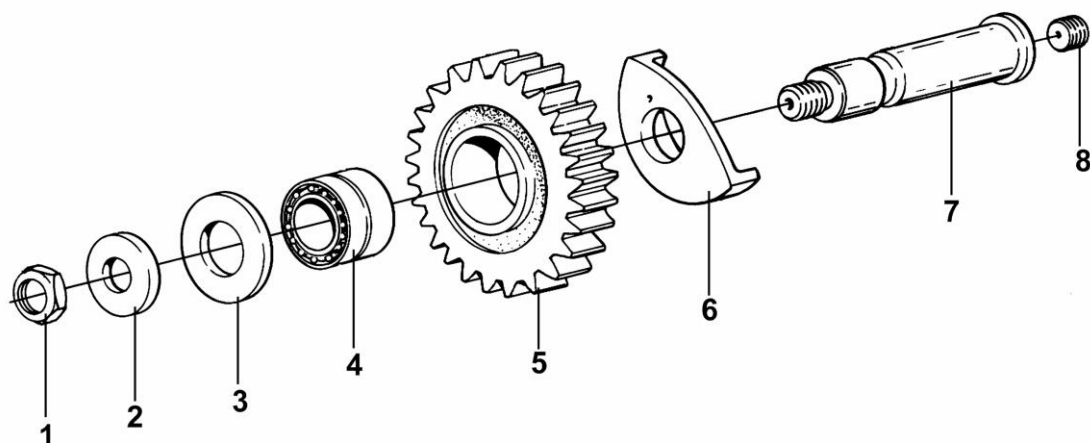
序号	零件号	名称	数量
1	19198	中间轴止动环 Stop ring	1
2	JS118TB-1701056B	中间轴传动齿轮 Drive gear, C/S	1
3	C01025	隔套 Partition bush	1
4	JS130T-1701051B	中间轴三档齿轮 3 rd gear, C/S	1
5	JS118TB-1701050B	中间轴二档齿轮 2 nd gear, C/S	1
6	JS130T-1701048B	中间轴 Countershaft	1
7	JS130T-1701055B	中间轴四方键 Square key, C/S	1
8	Q5280514	弹性圆柱销 Elastic column pin 5×14	1

四、一轴总成 Input shaft assembly



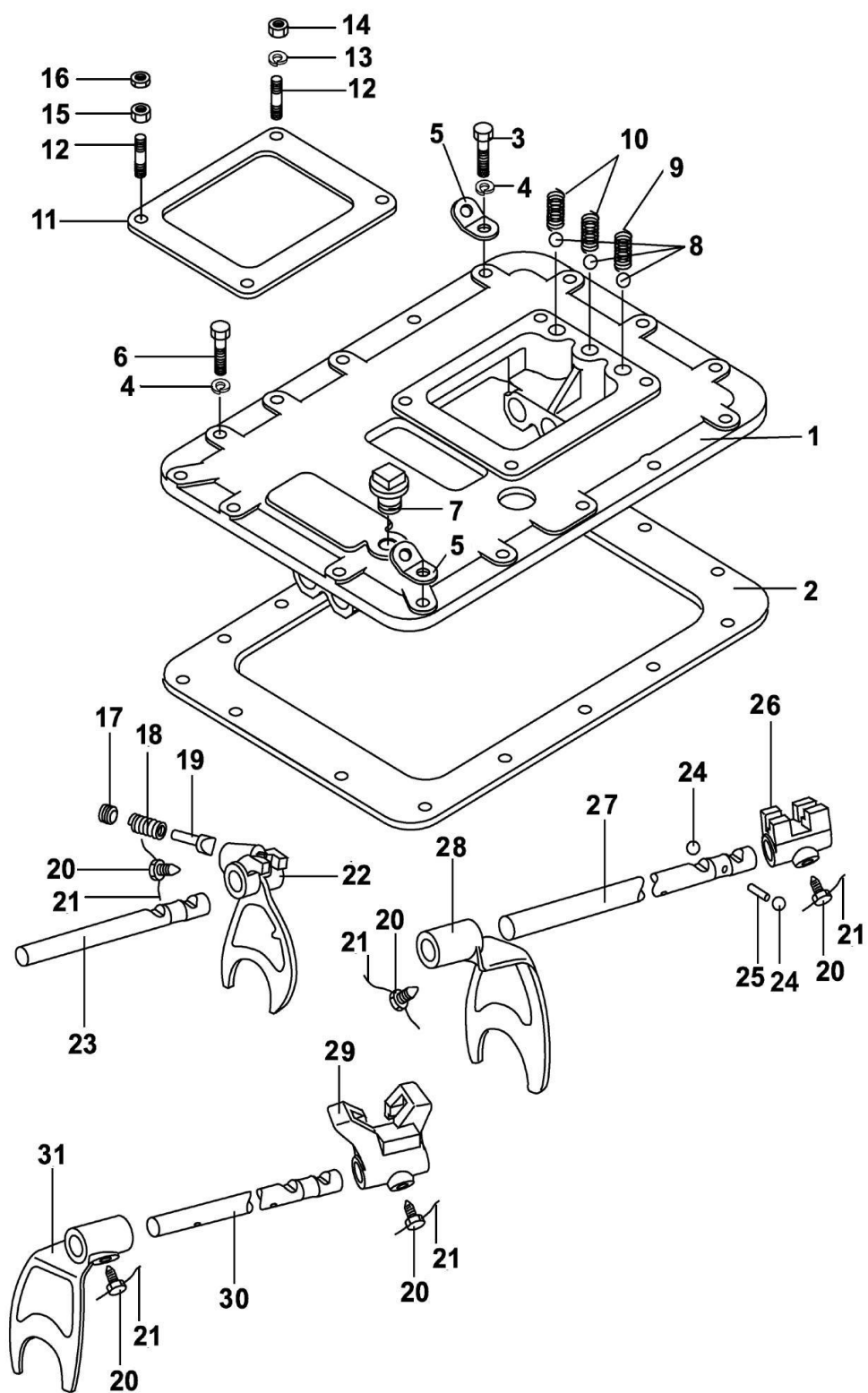
代号	零件号	零件名称.	数量
2	16980	轴用压扁钢丝挡圈 Round wire snap ring for shaft	1
3	150212K	一面带止动槽和防尘盖的单列向心球轴承 Ball bearing	1
4	16463	齿轮隔垫 Gear partition gasket	1
5	14750	止动环 Stop ring	1
6	17568	一轴齿轮 Gear, I/S	1
7	19694-23	一轴 Input shaft	1
8	16566	二轴导套 Guiding sleeve, M/S	1

五、倒档中间轴总成 Reverse countershaft assembly



代号	零件号	零件名称.	数量
1	GB890-80	螺母 M16×1.5 Nut	2
2	14283	倒档中间轴垫圈 Washer, reverse countershaft	2
3	14282	倒档止推垫圈 Washer, reverse anti-thrust	2
4	14287	滚针轴承 Needle bearing	2
5	JS100-1701082	倒档中间齿轮 Mid-gear, reverse	2
6	JS100-1701083	杯形倒档垫圈 Cup-shaped washer, reverse	2
7	16405	倒档中间轴 Reverse countershaft	2
8	Q2821212	平端紧定螺钉 M12×12 Flat-end tightening bolt M12×12	2

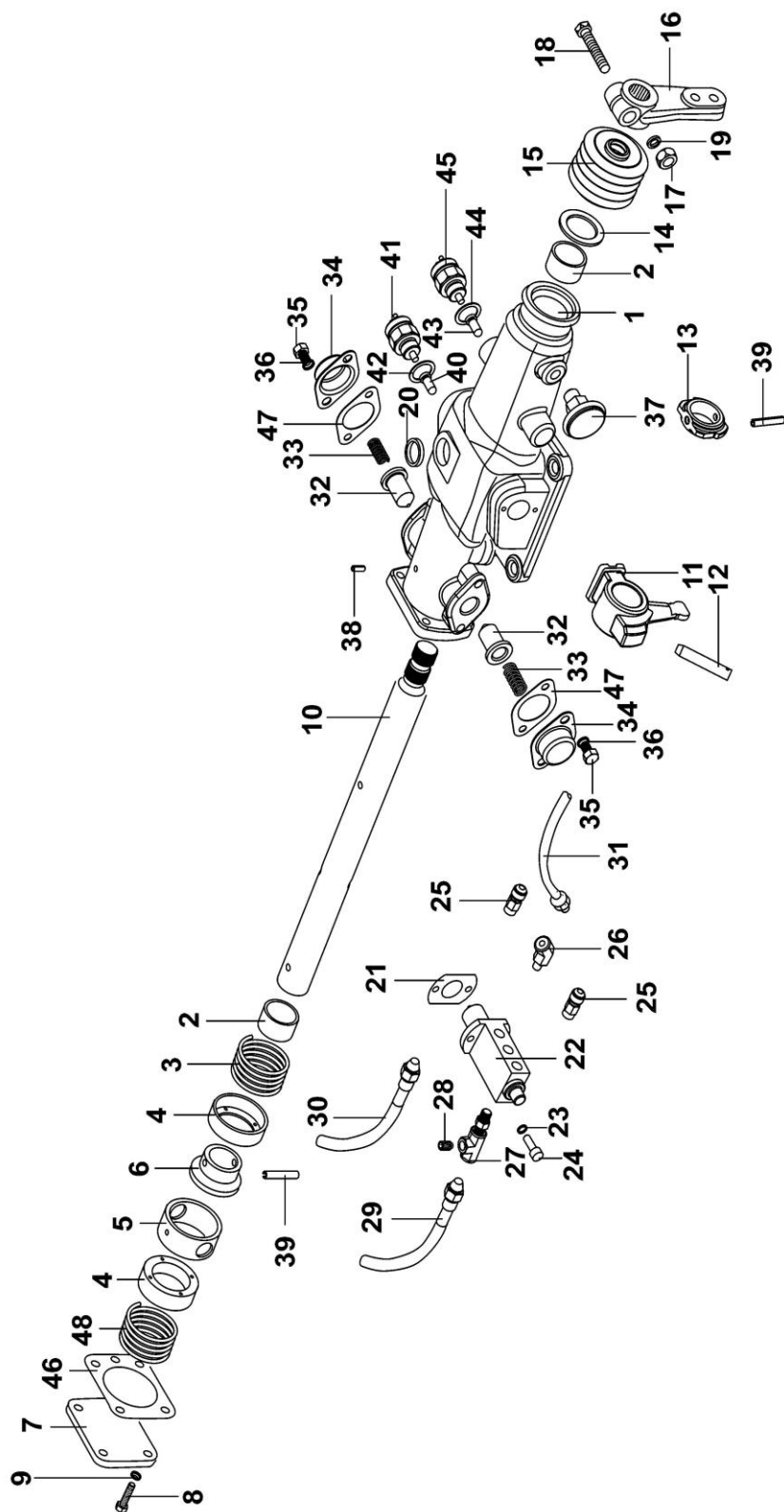
六、上盖总成



代号	零件号	零件名称.	数量
1	JS130T-1702015	上盖 Shift bar	1
2	14918	上盖衬垫 Gasket, shift bar	1
3	GB21-76	小六角头螺栓 M10×38 Hex bolt	2
4	GB93-76	弹簧垫圈 10 Spring washer 10	16
5	20815	起吊弯板 Lifting bending plate	2
6	GB21-76	小六角头螺栓 M10×32 Capscrew	14
7	6JS160T-1709587-1	油堵 Oil plug	1
8	GB308-89	钢球 12.7 Steel ball	3
9	F96084	压缩弹簧 Compressed spring	1
10	F96085	压缩弹簧 Compressed spring	2
11	1642	操纵窗口衬垫 Gasket	1
12	11066	双头螺栓 Stud	4
13	GB93-76	弹簧垫圈 10 Spring washer	2
14	Q361B10	2 型六角螺母 Nut	2
15	X-1-603	六角螺母 3/8" -24 Nut	2
16	Q351B10	六角薄螺母 Nut	2
17	8968	倒档锁螺塞 Reverse-lock screw	1
18	8774-2	倒档锁弹簧	1

		Reverse-lock spring	
19	F99671	倒档锁柱塞 Reverse-lock plug	1
20	3220	换档拨叉锁止螺钉 Lock bolt	5
21	1819	铁丝 iron wire	按需要
22	F99664	低倒档拨叉 Low reverse fork	1
23	16132	低倒档拨叉轴 Low reverse fork shaft	1
24	GB308-89	钢球 19.05 Steel ball	2
25	1634	拨叉轴联锁销 pin	1
26	F99588	1/2 和 5/6 档导块 1/2 & 5/6 guiding block	1
27	JS130T-1702065B	一二档拨叉轴 1 st , 2 nd fork shaft	1
28	JS130T-1702055B	一二档拨叉 1 st , 2 nd fork	1
29	F99589	3/4 和 7/8 档导块 3/4 & 7/8 guiding block	1
30	JS130T-1702066B	三四档拨叉轴 3 ^d , 4 th fork shaft	1
31	JS130T-1702056-1	三四档拨叉 3 rd , 4 th fork	1

七、操纵装置总成 Operation Device Assy



代号	零件号	零件名称.	数量
1	F96194-4	双 H 操纵装置壳体 Housing, double-H operation device	1
2	F91345	横向换挡杆衬套 Bushing, horizontal shifting lever	2
3	F99983	压缩弹簧 Compressed spring	2
4	F99673	弹簧座 Spring seat	2
5	F99674	弹簧隔套 Spring bushing	1
6	F99675	定位环 Locating ring	1
7	F99666	侧板 Side plate	1
8	GB21-76	小六角头螺栓 M8×22 Small hex bolt	4
9	GB93-76	弹簧垫圈 8 Spring washer	2
10	F99679	横向换挡杆 Horizontal shifting lever	1
11	F99585-2	拨头 tuck	1
12	C03030	圆柱销 Column pin	1

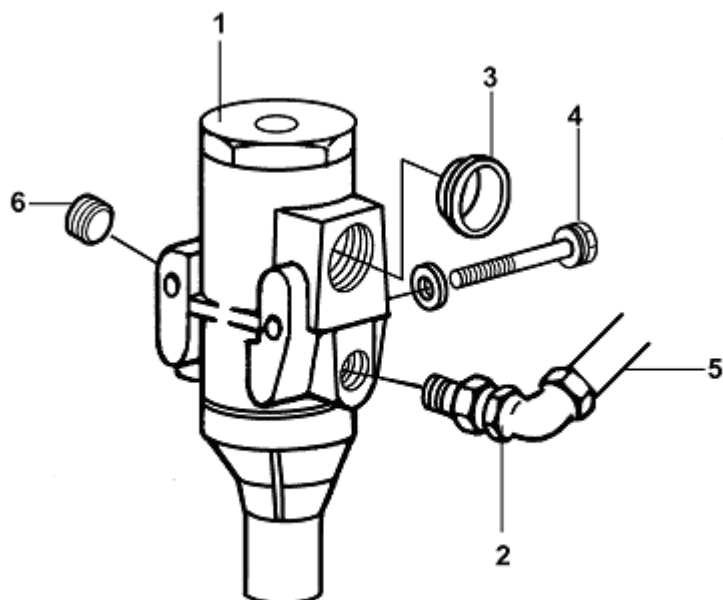
13	F99681	低倒档开关控制块 Switch control block, low reverse	1
14	F91444	油封 Oil seal	1
15	F99669	套 Bushing	1
16	F96035-66	LRC 外换档臂 LRC outer shafting arm	1
17	GB51-76	小六角螺母 M10×1 Small hex nut	1
18	GB21-76	小六角头螺栓 M10×50 Small hex bolt	1
19	GB93-76	垫圈 10 Washer	1
20	Q72224	碗形塞片 Bowl-shaped shim	1
21	F91353	双 H 气阀衬垫 Gasket	1
22	F99660	双 H 气阀 Double-H valve	1
23	GB93-76	弹簧垫圈 6 Spring washer	2
24	GB70-76	内六角螺钉 Inner hex bolt	2
25	7935	通气塞 Vent plug	2

26	12880	45° 弯管接头 45° union	1
27	C03052	三通管接头 Three way union	1
28	Q618B01	六角头锥形螺塞 Hex taper bolt	1
29	55516	气管总成 Pipe assy	1
30	55516	气管总成 Pipe assy	1
31	55518	气管总成 Pipe assy	1
32	F99670	定位柱销 Locating pin	2
33	F96037	压缩弹簧 Compressed spring	2
34	F96141	弹簧压盖 Spring pressing cover	2
35	GB21-76	小六角头螺栓 M8×12 Small hex bolt	1
36	GB859-76	弹簧垫圈 8 Spring washer	1
37	15276	通气塞 Vent plug	1
38	C03004	止动螺钉 Stop bolt	1

39	GB879-76	销 6×36.5 Pin	1
41	0041KS	压力开关 switch	1
42	Q72318T3	垫密圈 Washer	1
44	C03015	垫密圈 Washer	1
45	0068DS	压力开关 switch	1
46	F99672	端垫 Gasket Gasket	1
47	F96140	衬垫 Gasket	2
48	F96036	压缩弹簧 Compressed spring	1

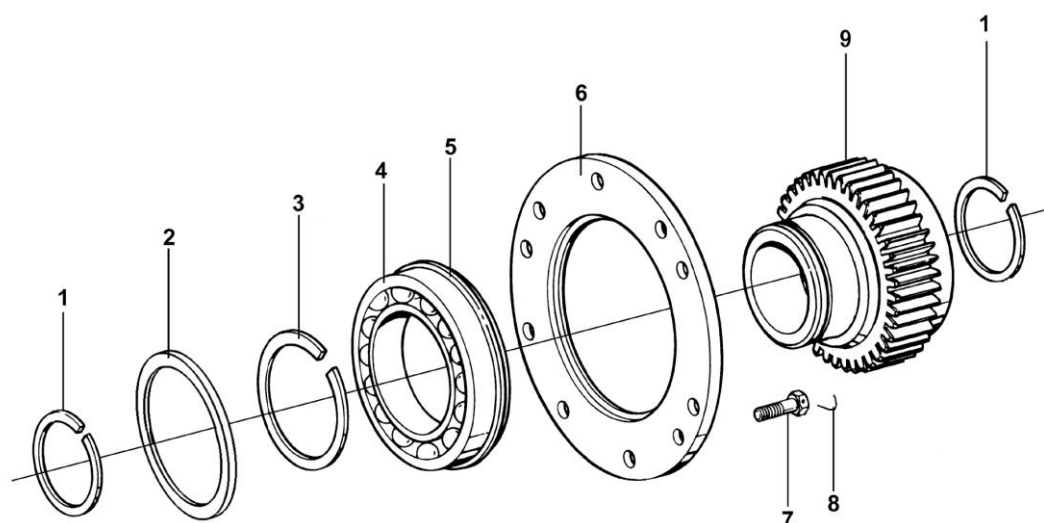
八、空气滤清调节器总成 Air filtrating

Regulator Assy



代号	零件号	零件名称.	数量
1	A-4740	空气滤清调节器总成 Air filtrating regulator Assy	1
2	12845	90° 弯管接头 90° union	1
3	54015	CA 碗形塞片 CA Bowl-shaped shim	1
4	GB30-76	六角头螺栓 M6×60 Hex bolt	2
5	55518	气管总成 Pipe assy	1
6	Q618B01	六角头锥形螺塞 Hex taper screw	1

九、副箱驱动齿轮总成 Drive Gear Assy, Aux case

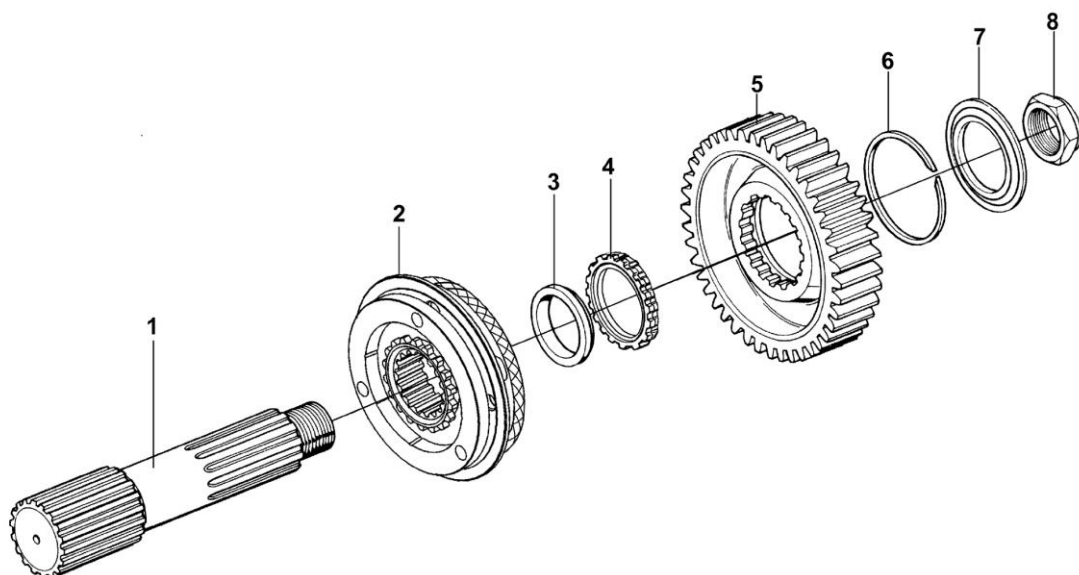


代号	零件号	零件名称.	数量
1	16763	止动环 Stop ring	2
2	C01033	挡圈固定环 fixing ring of baffle loop	1
3	16628	止动环 Stop ring	1
4	50118	带止动槽的单列向心球轴承 Ball bearing	1
5	C01019	止动环 Stop ring	1
6	16138	副箱轴承定位盘 Locating plate, bearing, aux. case	1
7	GB25-76	小六角头头部带孔螺栓 M10×22 Small hex bolt	6

8	1819	铁丝 Iron wire	按需
9	18869	副箱驱动齿轮 Drive gear, aux. case	1

十、副箱主轴总成 Main shaft assy, aux.

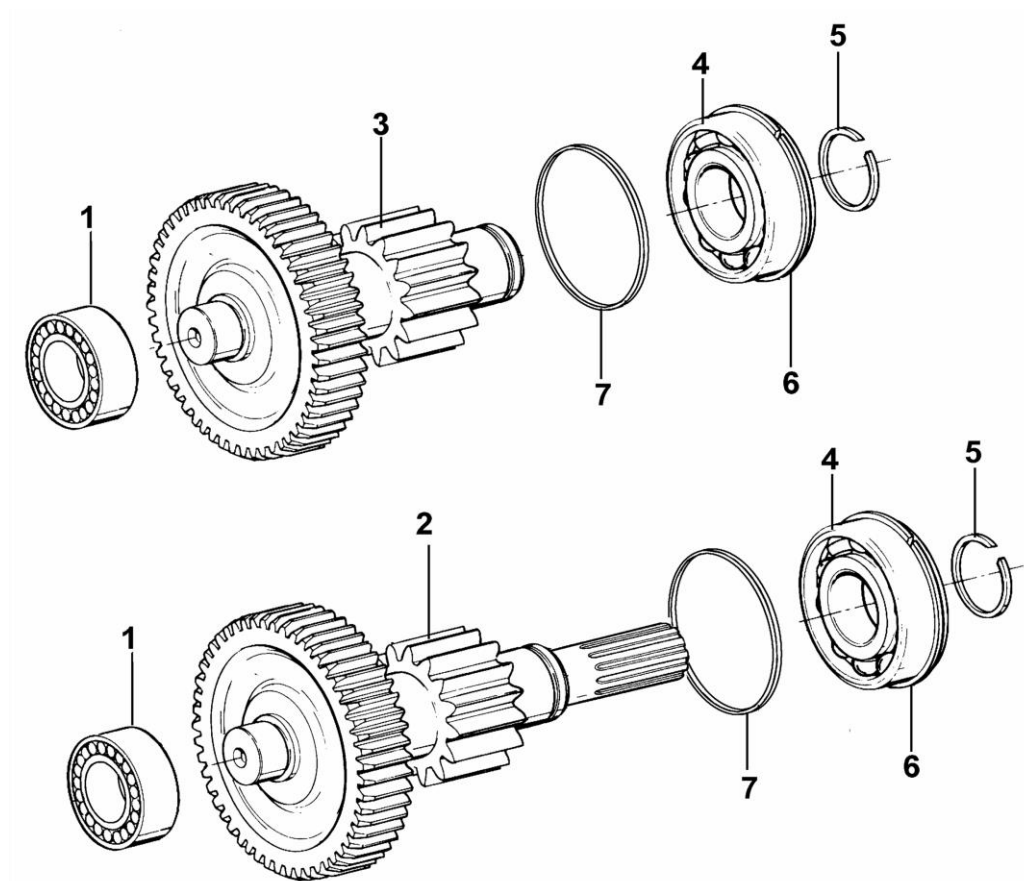
case



代号	零件号	零件名称.	数量
1	F99882	副箱主轴 Main shaft, aux. case	1
2	A-C09005	高低档同步器总成 Low-speed and high-speed synchronizer assy	1
3	14332	副箱主轴垫圈 Washer	1
4	14331	副箱主轴齿轮垫片 Washer	1
5	JS118-1707121	副箱主轴减速齿轮 Shim, reduction gear, aux. case	1
6	14327	止动环 Stop ring	1
7	19466	副箱减速齿轮垫片	1

		Washer	
8	F96006	凸缘螺母 Flange nut	1

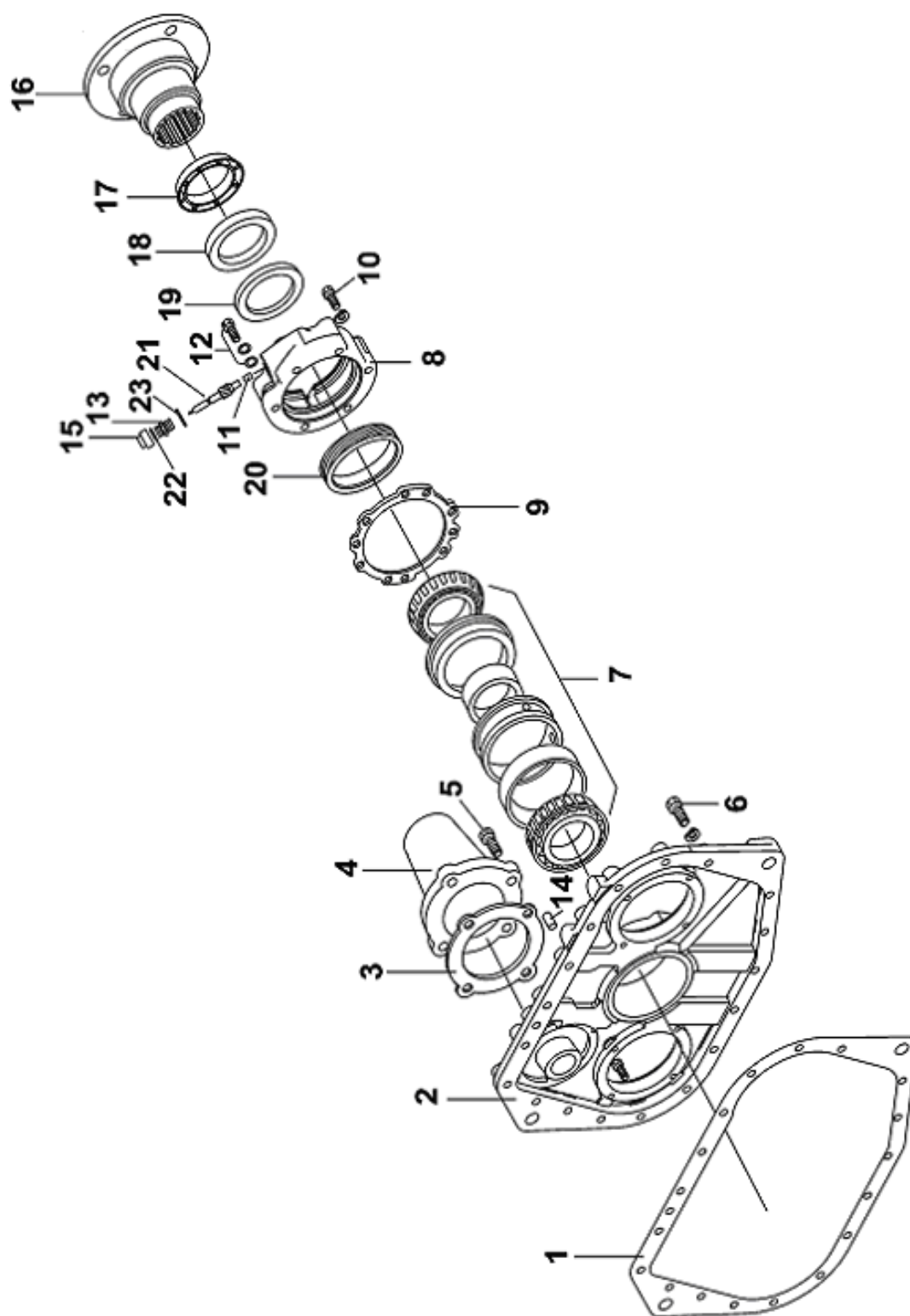
十一、副箱左、右中间轴 Left、Right Countershaft, Aux. case



代号	零件号	零件名称.	数量
1	42307E	短圆柱滚子轴承 bearing	2
2	JS118-1707047	副箱加长中间轴焊接总成 Lengthened countershaft welding assy, aux. case	1
3	JS118-1707047	副箱加长中间轴焊接总成 Lengthened countershaft welding assy, aux. case	1
4	192310E	短圆柱滚子轴承 bearing	2
5	16723	止动环	2

		Stop ring	
6	C01020	止动环 Stop ring	2
7	17384	轴承垫圈 Washer	2

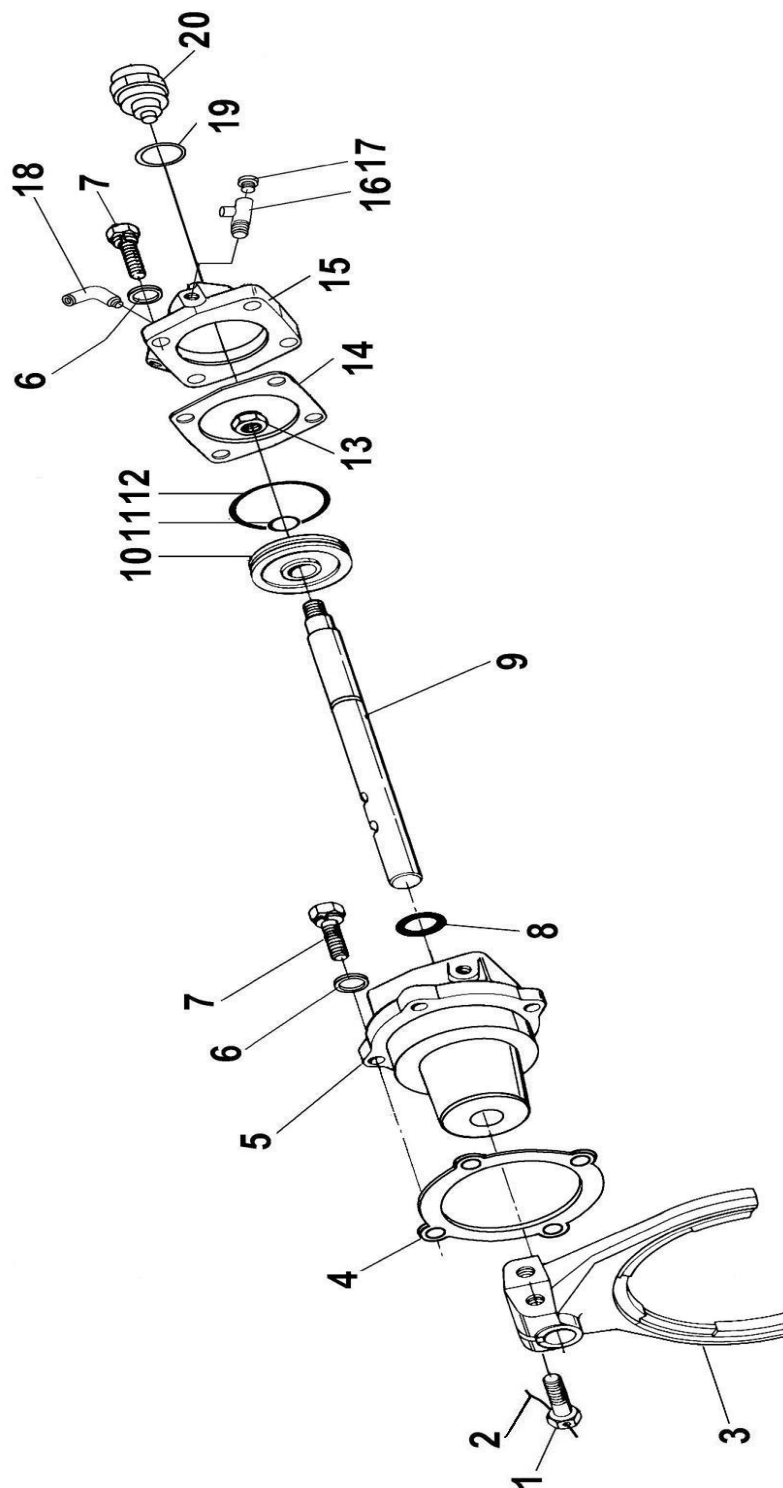
十二、后盖总成 Rear Cover Assy



代号	零件号	零件名称.	数量
1	14335	后盖衬垫 Gasket	1
2	F99975	后盖壳体 Housing, rear cover	1
3	17352	副箱中间轴轴承盖衬垫 Gasket	2
4	17376	加长中间轴轴承盖 Cover	1
5	A-C09008	螺栓总成 Bolt assy	4
6	GB93-76	弹簧垫圈 10 Spring washer	16
	GB21-76	小六角头螺栓 M10×45 Small hex bolt	10
	GB21-76	小六角头螺栓 M10×50 Small hex bolt	5
	GB21-76	小六角头螺栓 M10×38 Small hex bolt	1
7	717813	圆锥滚子轴承 Bearing	1
8	F99967	主轴后轴承盖 Cover	1
9	15532	副箱主轴后轴承盖衬垫 Gasket	1
10	GB21-76	小六角头螺栓 M10×75 Small hex bolt	5
	GB93-76	弹簧垫圈 10 Spring washer	5
12	A-C09009	螺栓总成 Bolt assy	1
	GB32.1-88	六角头头部带孔螺栓 M10×75 Capscrew	1
	GB93-76	弹簧垫圈 10 Spring washer	1
14	14334	后盖定位销 Pin	2

16	F99900-5	输出法兰盘 Flange plate	1
17	F96119	防尘罩 Dust cover	1
18	C01032	主轴后轴承盖油封 Oil seal	1
19	19109	油封 Oil seal	1
20	JS180-1701157-5	转子 Speedometer union	1
21	C03054-23	电子里程表 Electronic odometer	1
22	HG4-333-66	O 型圈 (Φ12×1.9) O-ring	1
23	F96005	垫片 Washer	1

十三、副箱气缸总成 Shifting Cylinder Assy, Aux case



代号	零件号	零件名称	数量
1	GB25-76	小六角头头部带孔螺栓 M12×1.25×50 Hex bolt	2
2	1819	铁丝 Iron wire	按需要
3	16775-1	副箱拨叉 Fork, aux. case	1
4	14347	密封垫 Washer	1
5	16778	范围档气缸 Ranging cylinder	1
6	GB93-76	弹簧垫圈 10 Spring washer	8
7	GB21-76	小六角头螺栓 M10×32 Small hex bolt	8
8	14765	O 型密封圈 O-ring	1
9	16993	范围档拨叉轴 Ranging fork shaft	1
10	14341	范围档气缸活塞 Ranging cylinder piston	1
11	14345	O 型密封圈 O-Ring	1
12	14344	O 型密封圈 O-Ring	1
13	GB890-80	六角尼龙圈锁紧薄螺母 M16×1.5 Nylon inset nut	1
14	14349	气缸盖密封垫 Gasket	1
15	F99857	副箱换档气缸盖 Cover	1
16	C03052	三通管接头 NPT1/8	1

		Three way union	
17	Q618B01	方头锥形螺塞 NPT1/8 Square-headed taper bolt NPT1/8	1
18	12880	45° 弯管接头 45° union	1
19	X11511	褶皱铜垫圈 Washer	4
20	791.00.71.0069	压力开关 Switch	1