

零件图册

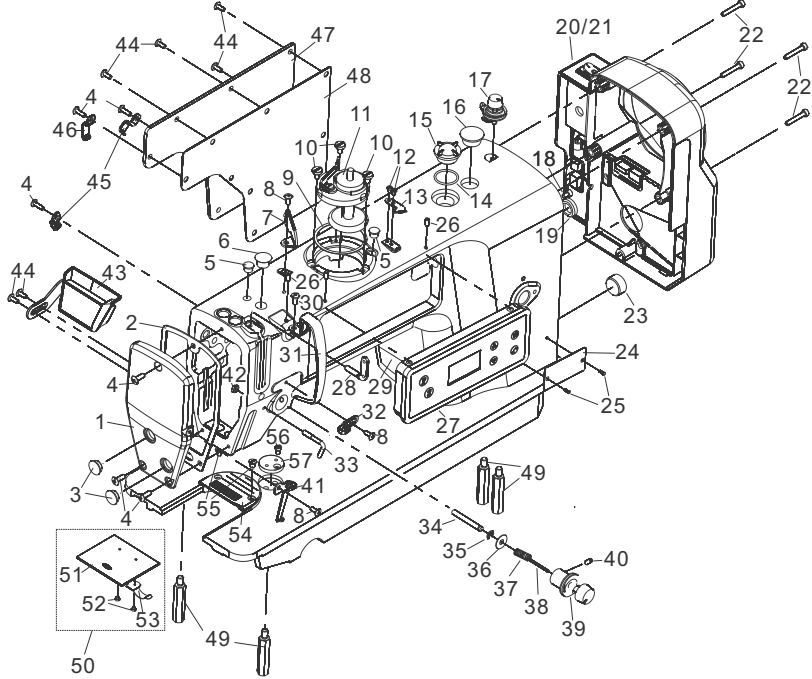
Parts Manual

Q系列 (1&2型)

一体化直驱电脑平缝机

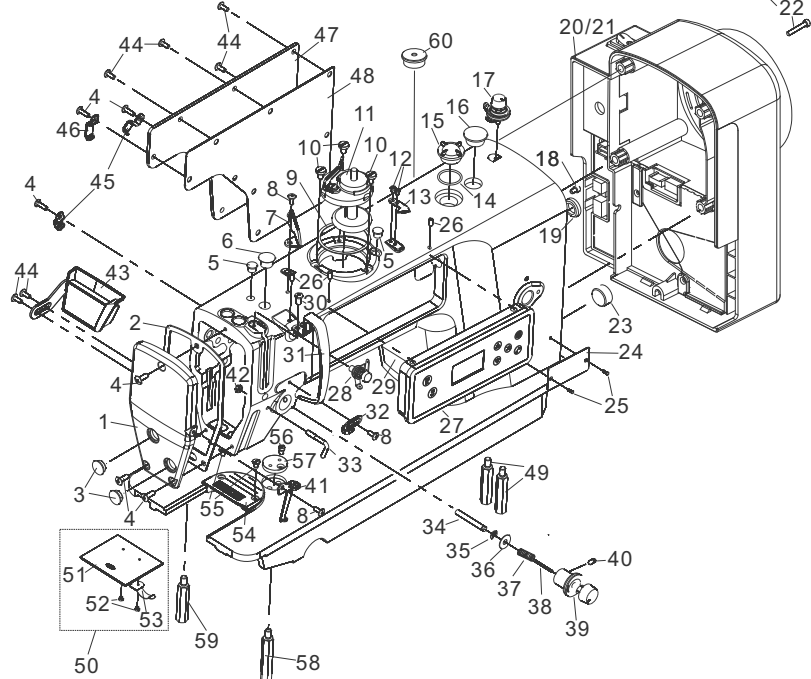
Integrated direct drive computer flat sewing machine

1.1 机壳、外装部件 (1型) MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1 SERIES)



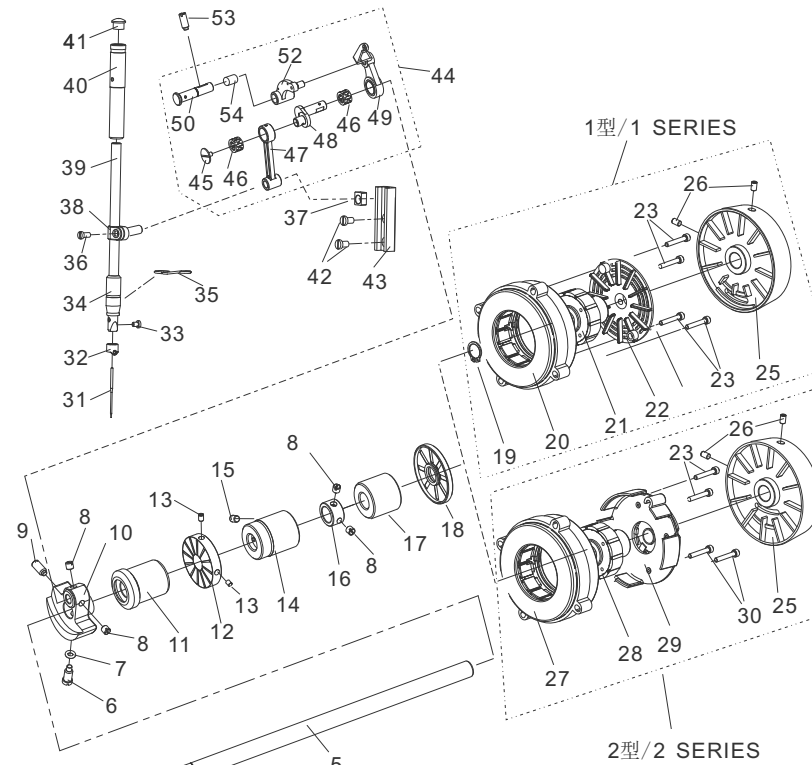
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1.2 机壳、外装部件 (2型) MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2 SERIES)



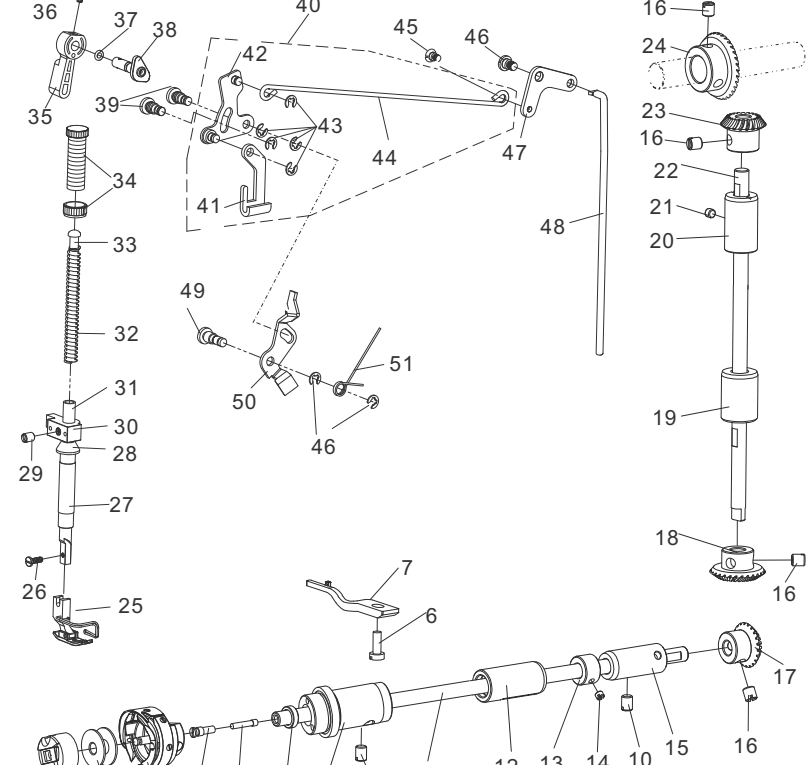
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2. 上轴、针杆、挑线部件 MAIN SHAFT & NEEDLE BAR & THREAD TAKE-UP LEVER COMPONENTS



- 7 -

3. 压料、竖轴、下轴部件 HAND LIFTER & UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS



- 10 -

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Products due to the development of technology in the conformity updated, parameters, pictures, models and other characteristics are subject to change without notice.

产品持续更新中，机型按实际为准。

The product is continuously updated, and the actual model shall prevail.



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1.2 机壳、外装部件 (2型) MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2 SERIES)

序号 NO.	品号 Part NO.	品名	Part Name	备注 Note	数量 QTY
1	PFQ1Pro0101	前面板	FACE PLATE		1
2	PFQ5T10102	面板垫	FACE PLATE GASKET		1
3	PF8420M-03010107	面板调节螺孔塞	RUBBER PLUG		2
4	PF5550161	螺钉SM3/16"-28 L=12	SCREW SM3/16"-28 L=12		6
5	PF5550113	挑线连杆销螺孔塞	RUBBER PLUG		2
6	PF5550112	针杆曲柄螺孔塞	RUBBER PLUG		1
7	PFQ5110	过线板	OVER LINE BOARD		1
8	PF5550317	螺钉SM11/64"-40 L=6	SCREW SM11/64"-40 L=6		3
9	PF900001511	绕线器油封	OIL SEAL OF COILING WHEEL		1
10	PF5550142	绕线器	BOBBIN WINDER ASM		1
11	PF90000131	螺钉SM3/16"-32 L=7.5	SCREW SM3/16"-32 L=7.5		3
12	PF68425K19	螺钉SM1/8"-40 L=5	SCREW		2
13	PF9000013201	绕线切刀	THREAD CUTTER		1
14	BF700M320-R0HS	油窗垫	THRUST COLLAR ASM		1
15	PF5550824	油窗	OIL WINDOW		1
16	PF98000187	调节孔孔塞	RUBBER PLUG		1
17	PFQ514101	绕线夹线器组件	BOBBIN THREAD TENSION ASM		1
18	PF13100239	地线螺钉 M3-6	SCREW M3-6		1
19	PF5550114	送料调节器孔塞	RUBBER PLUG		1
20	PFQ2ProDKZJ0101	Q2Pro电控主控箱 220V	PILLEY COVER ASM		1
21	PFQ1ProDKZJ0201	Q1Pro电控主控箱 110V	PILLEY COVER ASM 110V		1
22	PFQ1Pro0122	螺钉 M4-20	SCREW M4-20		4
23	PF5550115	下轴盲孔塞	RUBBER PLUG		1
24	BZ3236	型号牌	MODEL PLATE		1
25	SCJ6071	型号牌铆钉	POLE		2
26	PF68425H33	紧定螺钉 SM11/64"-40 L=6	SCREW SM11/64"-40 L=6		3
27	PFQ1ProDKZJ0102	Q1Pro电控操作面板	OPERATION PANEL		1
28	PFQ800A31216	上夹线器组件	TWO-HOLE THREAD EYELET		1
29	BZ3141	黄底警告标贴	SAFETY-INDICATING PLATE		1
30	PF5550230	挑线杆平螺帽钉	SCREW SM3/16"-28 L=6		1
31	PFQ5126	挑线杆护罩	THREAD TAKE-UP LEVER COVER		1
32	PF5550316	右线钩	RIGHT ARM THREAD GUIDE		1
33	PF9520M-DK021	大线钩	LARGE ARM THREAD GUIDE		1
34	PF900000329	松线辅助钉	TENSION RELEASE SUPPORTING PIN		1
35	SCJ1004	开口挡圈	RETAINING RING		1
36	PF5550333	松线辅助钉垫片	TENSION RELEASE SUPPORTING PIN WASHER		1
37	PF5550334	松线辅助钉弹簧	TENSION RELEASE PIN SPRING		1
38	PF6150131	松线钉	THREAD RELEASE PIN		1
39	PFQ531726B	大夹线器组件	THREAD TENSION ASM		1
40	PFQ5H3172601	厚料大夹线器组件	THREAD TENSION ASM		1
41	PF5550330	夹线器固定螺钉	SCREW SM15/64"-28 L=7		1
42	PFQ512902	左线钩	LEFT ARM THREAD GUIDE		1
43	PF9520M-DK02101	螺母 SM11/64"-40	NUT SM11/64"-40		1
44	PFQ1192	照明灯组件	REVERSE SEWING SWITCH		1
45	PF555016	螺钉SM3/16"-28 L=9	SCREW SM3/16"-28 L=9		10
46	PF99901511	电线压板 (短)	CORD HOLDER (S)		2
47	PF99901160	电线压板 (长)	CORD HOLDER (L)		1
48	PFQ1Pro0108	后窗板	FACE PLATE		1
49	PFQ1Pro0109	后窗板垫	FACE PLATE GASKET		1
50	PF555013	底板支柱	BED SCREW STUD		4
51	PF5550638	推板组件	SLIDE PLATE ASM		1
52	PF555063801	推板	SLIDE PLATE		1
53	PF555063802	推板簧	SPRING OF SLIDE PLATE		1
54	PF555063803	推板螺钉	SCREW SM3/32"-56 L=2		2
55	PF555063601D	针板M1.8	NEEDLE PLATE M1.8		1
56	PF90010140H	针板M2.4	NEEDLE PLATE M2.4		1
57	PF0302141A	针板M2.6	NEEDLE PLATE M2.6		1
58	PF5550637	针板螺钉	SCREW SM11/64"-40 L=8.5		2
59	PF5550117	卷边器座螺钉	SCREW SM11/64"-40 L=5		1
60	PFQ50132	卷边器座	RULER PLATE		1
61	PF90000120	底板支柱 (长)	BED SCREW STUD (L)		1
62	PF90000121	底板支柱 (中)	BED SCREW STUD (M)		1
63	PFQ20115	电线过线套	WIRE GUIDE		1

2. 上轴、针杆、挑线部件 MAIN SHAFT & NEEDLE BAR & THREAD TAKE-UP LEVER COMPONENTS

序号 NO.	品号 Part NO.	品名	Part Name	备注 Note	数量 QTY
1	PF5550212	上轴油量调节销	OIL AMOUNT ADJUSTING PIN		1
2	PF5550214	上轴油量调节销 O型圈	RUBBER RING		1
3	PF5550213	曲柄油量调节销 0型圈	RUBBER PLUG		1
4	PFQ9A02011	曲柄油量限制毡	ROLLER FELT		1
5	PF9802DP0201	上轴	MAIN SHAFT	1 型 1 SERIES 2 型 2 SERIES	1
6	PF5550216	针杆曲柄定位螺钉	SCREW SM9/32"-28 L=15.5		1
7	PF5550217	针杆曲柄定位螺钉 O型圈	RUBBER RING		1
8	PF5550625	螺钉SM11/64"-40 L=6	SCREW SM11/64"-40 L=6		4
9	PF5550218	针杆曲柄紧固螺钉	SCREW SM9/32"-28 L=16		1
10	PF5550215	针杆曲柄	NEEDLE BAR CRANK		1
11	PFQ520201	针杆曲柄 (H)	NEEDLE BAR CRANK (H)		1
12	PF900000207	上轴前轴套	FRONT BUSHING OF MAIN SHAFT		1
13	PFQ5T10223	绕线主动轮	WHEEL		1
14	PF555022	紧定螺钉	SCREW M6 L=6		2
15	PF555029	上轴中轴套	MID BUSHING OF MAIN SHAFT		1
16	PF555026	上轴挡圈	SCREW SM15/64"-28 L=8		1
17	PFQ1Pro0205	上轴后轴套	UPPER SHAFT REAR SLEEVE		1
18	PF555024	上轴油封	OIL SEAL		1
19	SCJ1036	转子限位挡圈 15	RETAINING RING 15		1
20	PFQ1ProDKZJ010401	Q1Pro主轴电机转子	MOTOR ROTOR	1 型 1 SERIES 2 型 2 SERIES	1
21	PFQ1ProDKZJ010402	Q1Pro主轴电机定子	MOTOR STATOR	1 型 1 SERIES 2 型 2 SERIES	1
22	PFQ1ProDKZJ010403	Q1Pro主轴电机铝盖	MOTOR DISK	1 型 1 SERIES 2 型 2 SERIES	1
23	PFQ1Pro0223	电机固定螺钉 M5-25	SCREW M5-25		4/2
24	PF5550220	上轮	HEAD WHEEL		1
25	PF1310824	手轮固定螺钉 M6	SCREW M6		2
26	PF52DKZJ020301	福星S2T主轴电机定子	MOTOR ROTOR	2 型 2 SERIES 2 型 2 SERIES	1
27	PF52DKZJ020302	福星S2T主轴电机转子	MOTOR STATOR	2 型 2 SERIES 2 型 2 SERIES	1
28	PF52DKZJ020303	福星S2T主轴电机编码器	MOTOR GRATING SENSOR ASM		1
29	PFQ1Pro0230	电机固定螺钉 M5-45	SCREW M5-45		2
30	PF5550211	机针	NEEDLE (DB-1#14)		1
31	PF5550212	机针	NEEDLE (DB-1#21)		1
32	PF5550311	针杆线钩	NEEDLE BAR THREAD GUIDE		1
33	PF5550312	机针螺钉	SCREW SM1/8"-44 L=4.8		1
34	PF555038	针杆下套	LOWER BUSHING OF NEEDLE BAR		1
35	PF90000306H	针杆下套 (H)	LOWER BUSHING OF NEEDLE BAR		1
36	PF888056D309	针杆下套线钩	NEEDLE BAR THREAD GUIDE		1
37	PF5550H39	针杆下套线钩 (厚料)	NEEDLE BAR THREAD GUIDE Heavy		1
38	PF90010311	针杆连接柱滑块	SLIDE BLOCK		1
39	PF555033	针杆连接柱组件	NEEDLE BAR HOLDER ASM.		1
40	PF5550310	针杆下套 (H)	NEEDLE BAR		1
41	PF90000303H	针杆 (厚料)	NEEDLE BAR Heavy		1
42	PF555036	针杆上套	UPPER BUSHING OF NEEDLE BAR		1
43	PF555037	针杆上套	RUBBER PLUG		1
44	PF6150227	滑块导轨螺柱	SCREW SM11/64"-40 L=8		2
45	PF90010331	针杆连接柱滑块座	NEEDLE BAR TROUGH		1
46	PF5550223A	挑线杆部件	THREED TAKE-UP ASM.		1
47	PF5550H0223A	挑线杆手部件	THREED TAKE-UP ASM Heavy		1
48	PF5550228	挑线曲柄左螺钉	LEFT SCREW 9/64"-40 L=4.8		1
49	PF555022404	滚针轴承	BEARING		2
50	PF555031	针杆连杆	NEEDLE BAR CONNECTING ROD		1
51	PF55502201	挑线杆轴	THREED TAKE-UP SHAFT		1
52	PF5550H2201	挑线杆轴 (H)	THREED TAKE-UP SHAFT (H)		1
53	PF55502212	挑线杆	THREED TAKE-UP		1
54	PF5550225	挑线杆铰链轴	THREED TAKE-UP CRANK SHAFT		1
55	PF55502211	挑线杆连杆	THREED TAKE-UP CONNECTING ROD		1
56	PF555022	挑线杆铰链轴紧固螺钉	SCREW 15/64"-28 L=10.5		1
57	PF5550226	挑线连杆销毡	THREAD TAKE-UP CRANK SHAFT		1

3. 压料、竖轴、下轴部件 HAND LIFTER & UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS

序号 NO.	品 号 Part NO.	品 名	Part Name	备注 Note	数量 QTY
1	PF5550502	梭壳	BOBBIN CASE ASM.	1 型 1 SERIES	1
2	PF888056D50202	梭壳	BOBBIN CASE ASM.	2 型 2 SERIES	1
	PF5550503	梭心	BOBBIN		1
3	PF55505107B	旋梭 (M)	HOOK ASM. (M)	1 系列 M 型 1 SERIES TYPE M	1
	PF55505H5104	旋梭 (H)	HOOK ASM. (H)	1 系列 H 型 1 SERIES TYPE H	1
	PF888056D50112C	旋梭 (M)	HOOK ASM. (M)	2 系列 M 型 2 SERIES TYPE M	1
	PF888056D50110601	旋梭 (H)	HOOK ASM. (H)	2 系列 H 型 2 SERIES TYPE H	1
4	PF5550508	下轴限油螺钉	OIL SEAL SCREW ASM.		1
5	PF555050901	下轴限油芯	OIL WICK		1
6	PF5550506	旋梭定位钩螺钉	SCREW SM11/64"-40 L=9.5	1 型 1 SERIES	1
7	BF700S039	旋梭定位钩螺钉	SCREW SM11/64"-40 L=12	2 型 2 SERIES	1
8	PF5550505	旋梭定位钩	POSITIONING FINGER		1
9	PF6150406	下轴挡圈组件	OIL SEAL RING	1 型 1 SERIES	1
9	PF9990709	下轴防油圈	OIL SEAL RING	2 型 2 SERIES	1
	PF5550512	下轴前轴套	FRONT BUSHING	1 型 1 SERIES	1
10	PF90000510	下轴前轴套	FRONT BUSHING	2 型 2 SERIES	1
	PF5550529	下轴前轴套螺钉	SCREW SM3/16"-28 L=15		2
11	PF5550507	下轴	HOOK DRIVING SHAFT	1 型 1 SERIES	1
12	PFQ50507	下轴	HOOK DRIVING SHAFT	2 型 2 SERIES	1
	PF90000512	下轴中轴套	MID BUSHING		1
13	PF6150404	下轴挡圈	SNAP RING		1
14	PF55506261	下轴挡圈螺钉	SCREW SM15/64"-28 L=4		2
15	PF55505141	下轴后轴套	REAR BUSHING	1 型 1 SERIES	1
16	PF90000513	下轴后轴套	REAR BUSHING	2 型 2 SERIES	2
17	PF5550519	伞齿轮螺钉	SCREW SM1/4"-40 L=8		8
18	PF555051805	下轴伞齿轮组件 (小)	BEVEL GEAR ASM. (SMALL)		1
19	PF555052005	整轴下齿轮组件 (大)	BEVEL GEAR ASM. (LARGE)		1
19	PF55505021	整轴下轴套	LOWER BUSHING	1 型 1 SERIES	2
	PF90000520	整轴下轴套	LOWER BUSHING	2 型 2 SERIES	1
20	PF5550522	整轴上轴套	UPPER BUSHING	1 型 1 SERIES	2
	PF90000521	整轴上轴套	UPPER BUSHING	2 型 2 SERIES	1
21	PF9800T0410	整轴上套紧固螺钉	SCREW SM11/64"-28 L=9		1
22	PF55505024	整轴	UPRING SHAFT		1
23	PF555052505	整轴上伞齿轮组件 (小)	BEVEL GEAR ASM. (SMALL)		1
24	PF555052605	上轴伞齿轮组件 (大)	BEVEL GEAR ASM. (LARGE)		1
25	PF888056D0411	活压脚部件	PRESSER FOOT ASM.		1
25	PF5550H411	活压脚部件 (厚料)	PRESSER FOOT ASM Heavy	W 型 TYPE W	1
26	PF5550412	活压脚螺钉	SCREW SM9/64"-40 L=10.5	W 型 TYPE W	1
27	PF5550410	压杆轴套	PRESSER BAR BUSHING LOWER		1
28	PF5550432	压杆油封	PRESSER BAR OIL SEAL		1
29	PF555047	压杆导架螺钉	SCREW SM1/4"-40 L=8		1
30	PF90000406	压杆导架	NEEDLE BAR GUIDE BRACKET		1
31	PF555045	压杆	PRESSER GUIDE BAR		1
32	PF555044	调压簧	PRESSER SPRING		1
33	PF555043	调压导杆	PRESSER GUIDE BAR		1
34	PF55504102	调压螺钉+螺母	PRESSER SPRING REGULATOR & NUT		1
35	PFQ51301	压脚扳手	HAND LIFTER		1
36	PF5550412	压脚扳手螺钉	SCREW SM9/64"-40 L=8.5		1
37	PF5550416	压脚扳手 0 型圈	RUBBER RING		1
38	PF90000415	压脚扳手凸轮部件	HAND LIFTER CAM ASM.		1
39	PF5550419	前杆杆螺钉销	THREAD PIN		2
40	PF90000418	抬压脚前杆杆部件	HAND LIFTER LINK ASM.		1
41	PF90000417	压脚升降板	LIFTING LEVER		1
42	PF9000041801	抬压脚前杆杆部件	HAND LIFTER LINK ASM.		1
43	SCJ1008	螺钉销开口挡圈	SNAP RING		7
44	PF5550426	抬压脚拉杆杆	LIFTING LEVER CONNECTING ROD		1
45	PF5550430	抬压脚拉杆螺钉	HINGE SCREW		1
46	PF5550429	后杆杆轴位螺钉	HINGE SCREW		1
47	PF5550428	抬压脚后杆杆	LIFTING LEVER LINK		1
48	PF5550431	抬压脚顶杆	CONNECTING ROD VERRICAL		1
49	PF5550423	松线顶板板螺钉销	THREAD PIN		1
50	PF5550422	松线顶板	TENSION RELEASE PLATE		1
51	PF5550425	松线顶板复位簧	TENSION RELEASE RETURN		1

This diagram shows an exploded view of a mechanical assembly, likely a suspension or steering component. The parts are numbered 1 through 67. The assembly includes a long central shaft (12) with various joints, bearings, and seals. Key components include a large pulley or wheel (34), a control arm (29), a steering knuckle (17), and a lower control arm (13). The diagram uses dashed lines to indicate the assembly sequence and alignment of the parts.