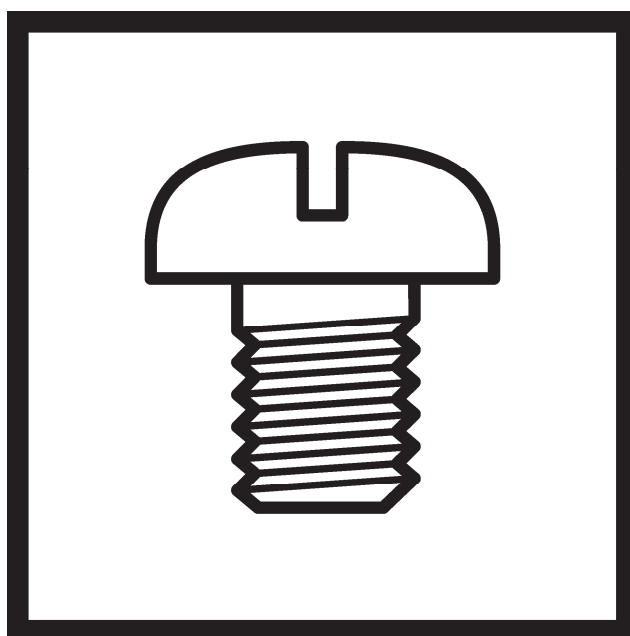


S-7180A

零件手册
PARTS BOOK



brother

最新的零部件情报请参考(Parts Navigation)。
The latest parts information, refer to the Parts Navigation.

<http://partsbook.brother.co.jp/partsnavi/chn/>
<http://partsbook.brother.co.jp/partsnavi/eng/>

形号牌的读解法

S-7180A-81■P



	用途
3	中厚布料
5	厚布料

Description of model plate

S-7180A-81■P



	Use
3	Medium-weight materials
5	Heavy-weight materials

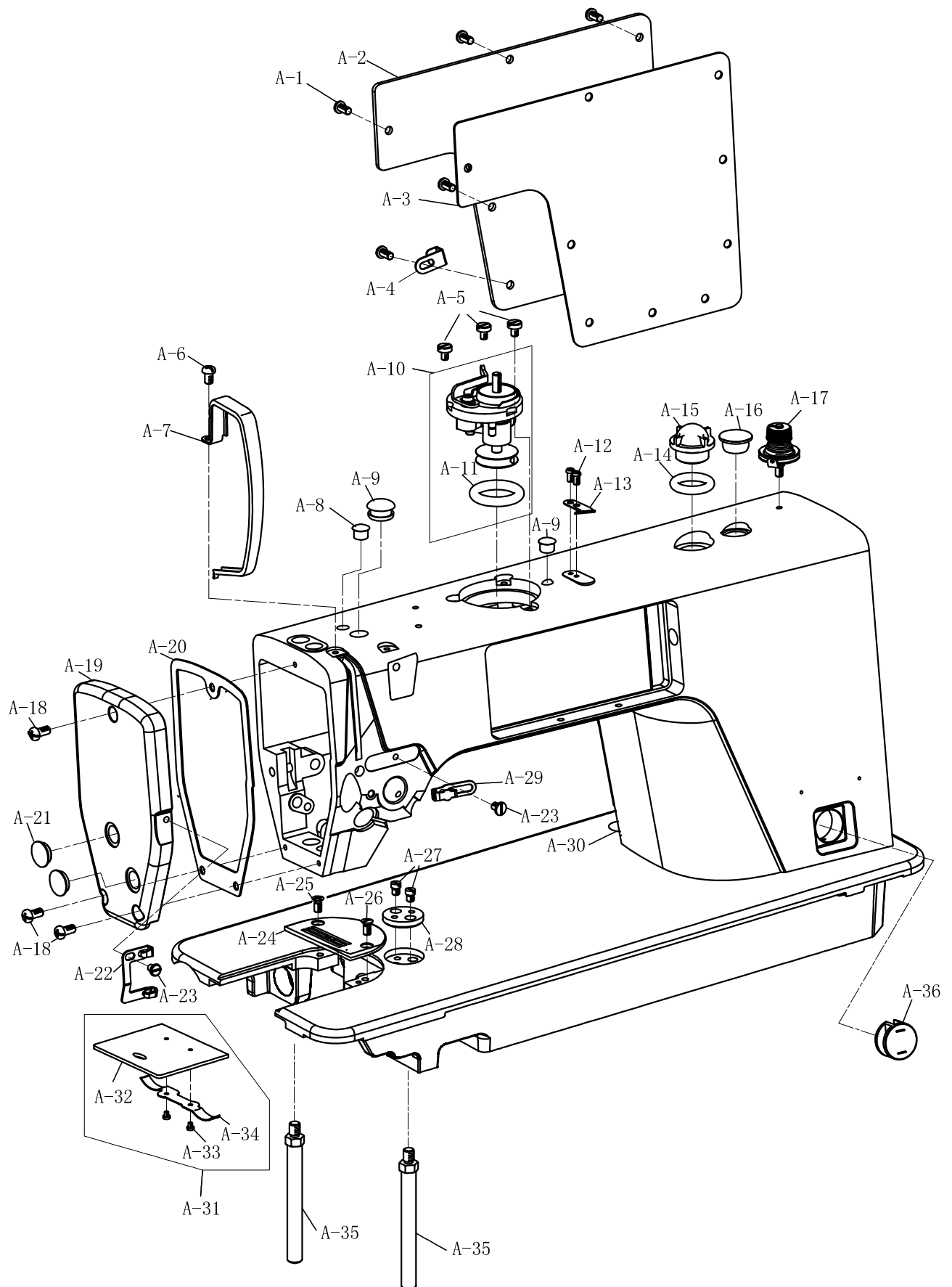
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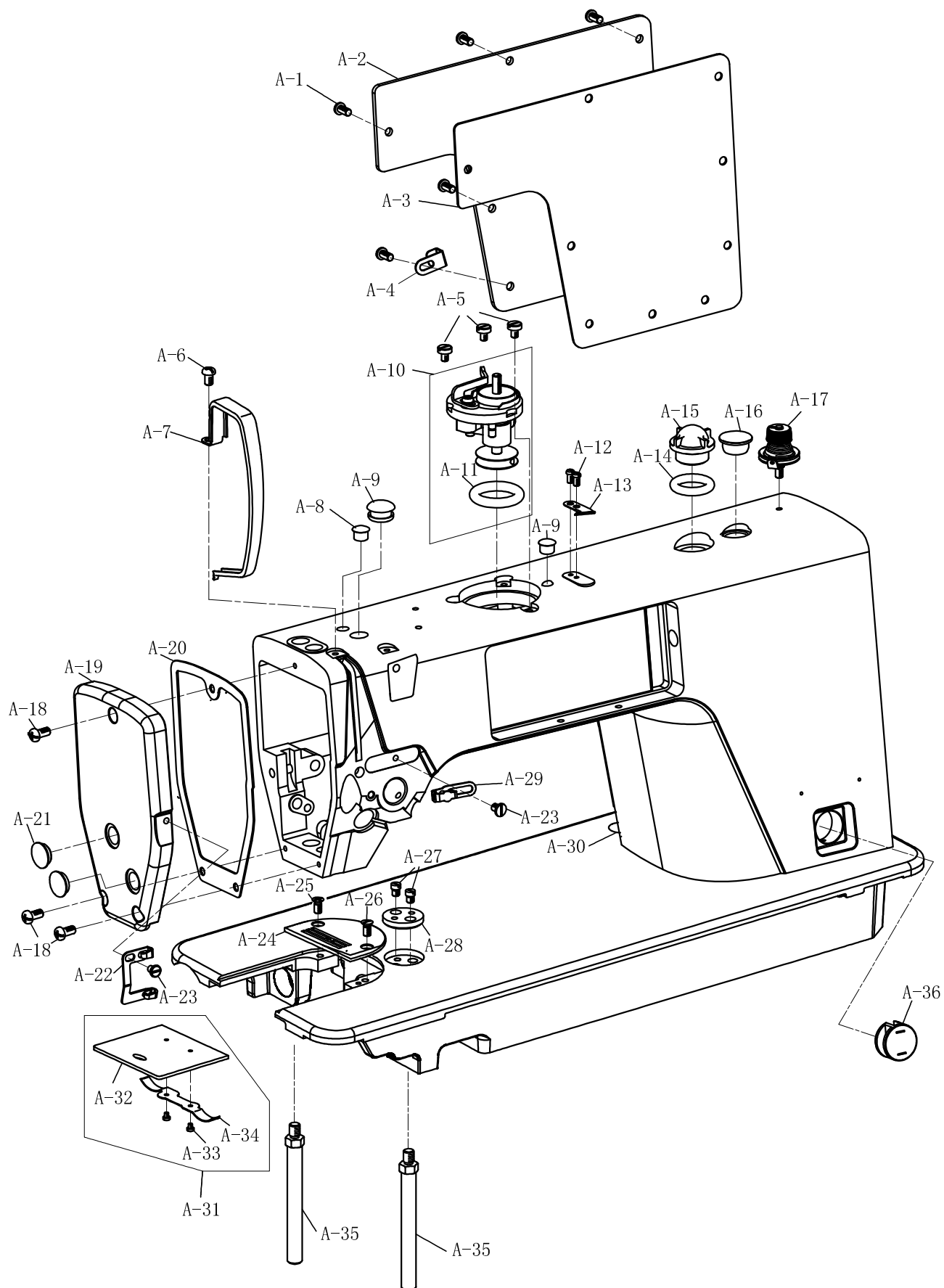
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A 机壳分组件 Machine frame&miscellaneous cover components

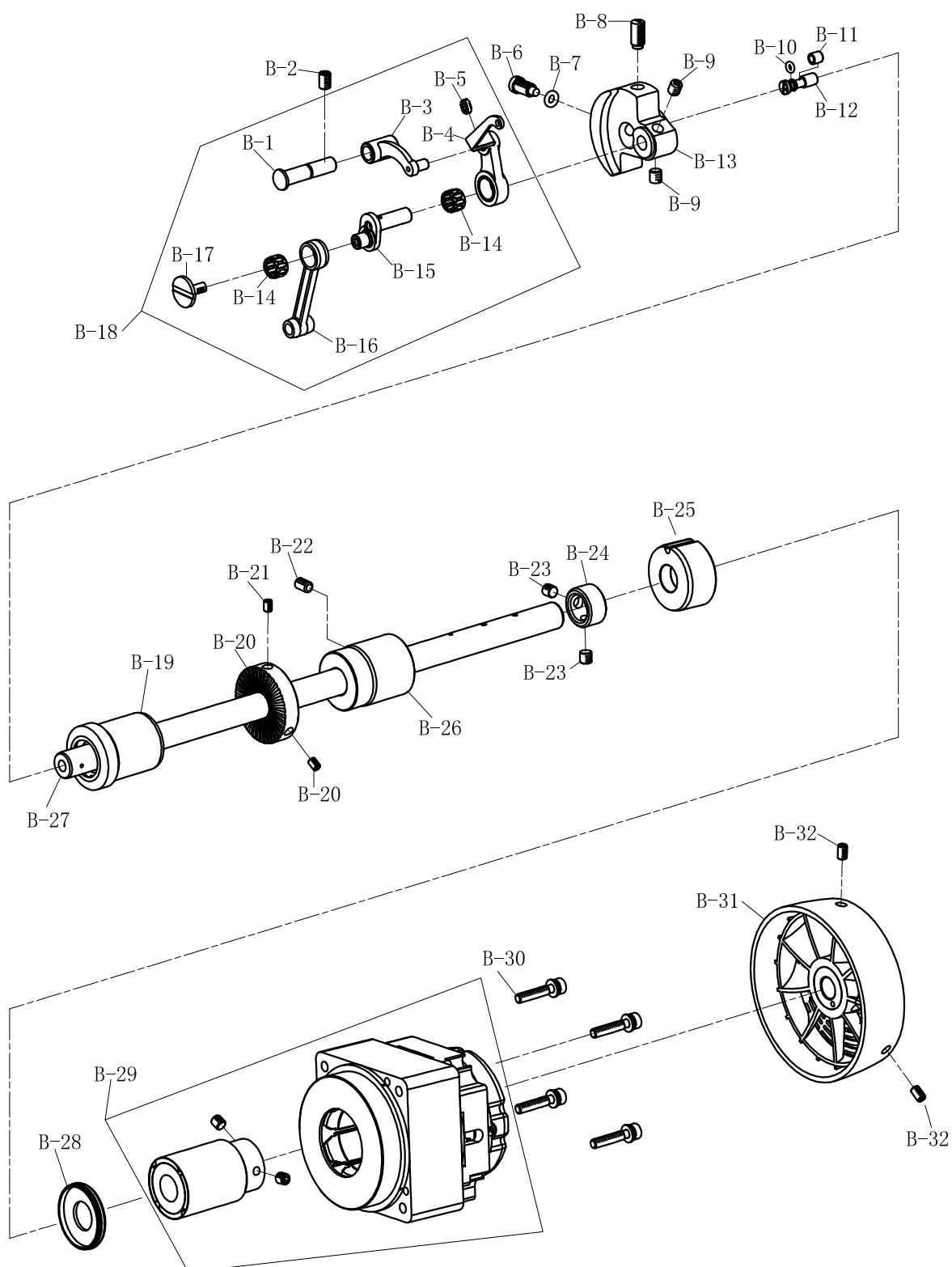


A	机壳分组件				
	Machine frame&miscellaneous cover components				
序号	物料号	Description	名称	数量	备注
A-1	10008972	Screw	螺钉	9	
A-2	20025554	Side plate	后窗板	1	
A-3	10066775	Side plate gasket	后窗板垫	1	
A-4	100003696	Cord holder	电线固定架	1	
A-5	10004380	Screw	螺钉	3	
A-6	10008934	Screw	螺钉	1	
A-7	200003021	Thread take-up lever cover	挑线杆护罩	1	
A-8	100003429	Rubber plug	橡胶塞	2	
A-9	100003428	Rubber plug	橡胶塞	1	
A-10	100003517	Bobbin wider ASM	绕线器	1	
A-11	100003456	Rubber ring	橡胶轮	1	
A-12	10050423	Screw	螺钉	2	
A-13	10011149	Thread cutter	绕线切刀	1	
A-14	100003430	O-ring	O形圈	1	
A-15	100003431	Oil window	油窗	1	
A-16	100003435	Rubber plug	橡胶塞	1	
A-17	10051431	Bobbin thread tension ASM	绕线夹线器组件	1	
A-18	10008972	Screw	螺钉	3	
A-19	200003519	Face plate	面板	1	
A-20	100002740	Face plate gasket	面板垫	1	
A-21	100003432	Rubber plug	橡胶塞	2	
A-22	100003235	Arm thread guide left	左线钩	1	
A-23	10008973	Screw	螺钉	2	
A-24	10060708	Needle plate	针板	1	813
A-24	10014459	Needle plate	针板	1	815
A-25	10012463	Screw	螺钉	1	
A-26	10009005	Screw	螺钉	1	
A-27	10004374	Screw	螺钉	2	
A-28	10004373	Ruler plate	限位挡片	1	
A-29	10008940	Arm thread guide right	右线钩	1	

A 机壳分组件 Machine frame&miscellaneous cover components

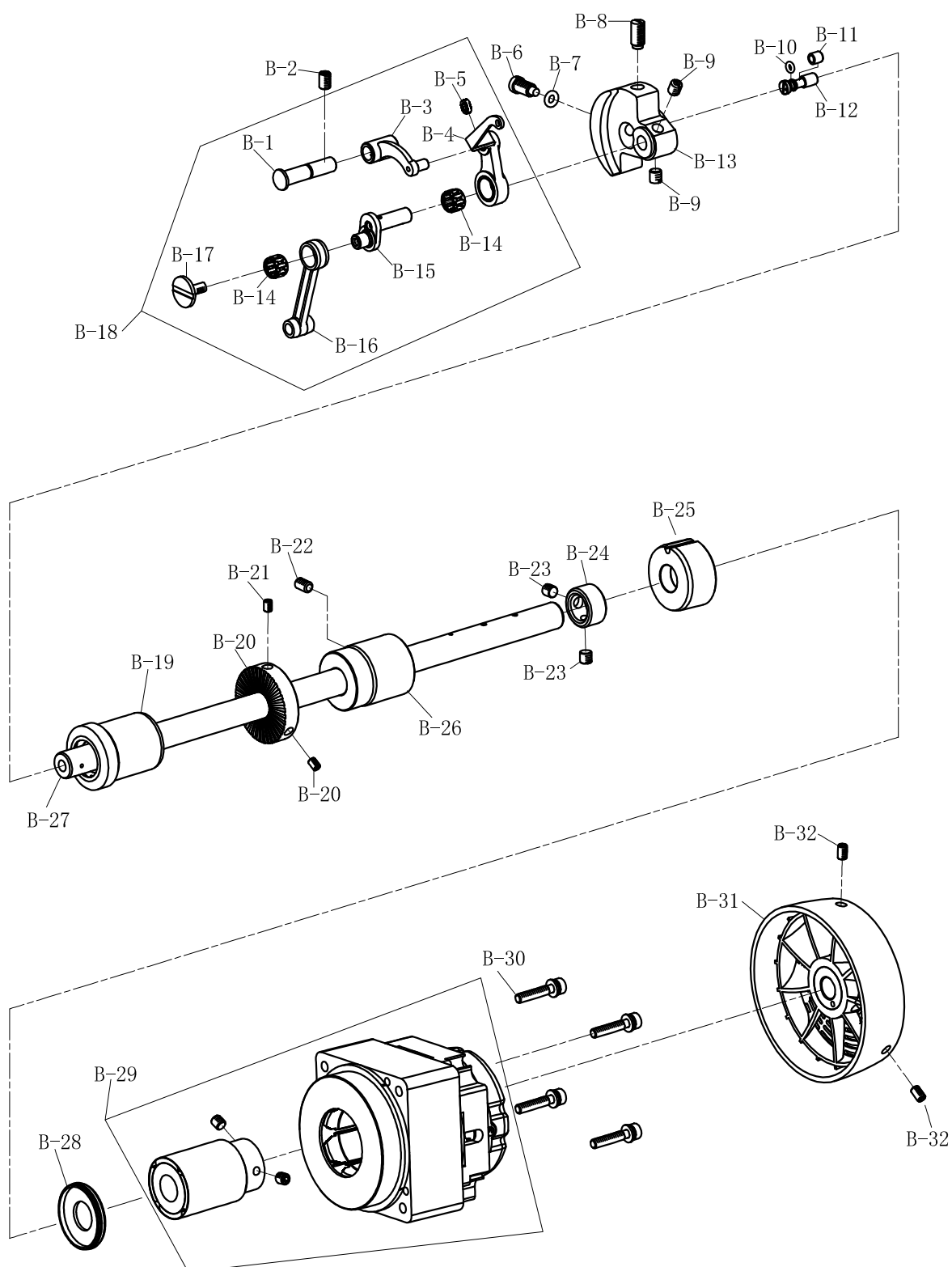


B 上轴、挑线分组件 Main shaft&thread take-up components



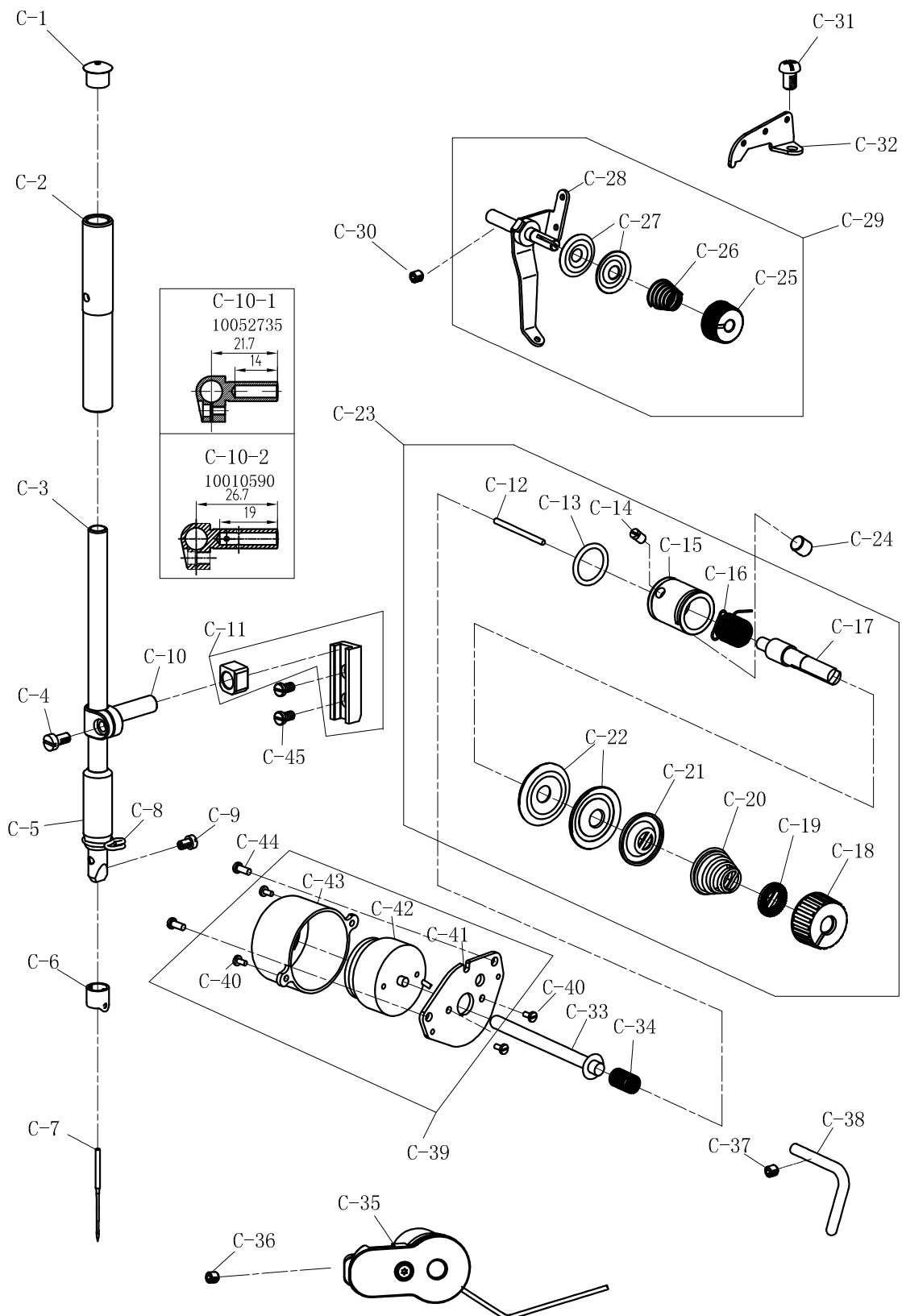
B	上轴、挑线分组件				
	Main shaft&thread take-up components				
序号	物料号	Description	名称	数量	备注
B-1	10050672	Thread take-up crank shaft	挑线连杆销	1	
B-2	10010083	Screw	螺钉	1	
B-3	10010535	Thread take-up bar	挑线连杆	1	
B-4	10004158	Thread take-up lever Asm	挑线杆分部件	1	813
B-4	10038474	Thread take-up lever Asm	挑线杆分部件	1	815
B-5	100003440	Oil resistant cover	挑线杆防油圈	1	
B-6	10010545	Screw	螺钉	1	
B-7	100003438	O-ring	O形圈	1	
B-8	10010082	Screw	螺钉	1	
B-9	10010065	Screw	螺钉	2	
B-10	10010538	O-ring	O形圈	1	
B-11	100003439	Sleeve of adjusting pin	曲柄油量调节销套	1	
B-12	10010504	Pin	销	1	
B-13	10012203	Counter weight	针杆曲柄	1	813
B-13	10012858	Counter weight	针杆曲柄	1	815
B-14	10014106	Bearing	轴承	2	
B-15	10006844	Needle bar crank	挑线曲柄	1	813
B-15	10005940	Needle bar crank	挑线曲柄	1	815
B-16	10053104	Needle bar crank rod	针杆连杆	1	813
B-16	10010592	Needle bar crank rod	针杆连杆	1	815
B-17	10010537	Screw	螺钉	1	
B-18	100003513	Take-up Bar Assembly	挑线杆组件	1	813
B-18	100003703	Take-up Bar Assembly	挑线杆组件	1	815
B-19	10055615	Bearing support	轴套	1	
B-20	10004472	Wheel	绕线主动轮	1	
B-21	10010678	Screw	螺钉	2	
B-22	10010678	Screw	螺钉	1	
B-23	10005020	Screw	螺钉	2	
B-24	10010542	Thrust collar	挡圈	1	
B-25	100003698	Bearing support	上轴套后套	1	

B 上轴、挑线分组件 Main shaft&thread take-up components



C 针杆、夹线分组件

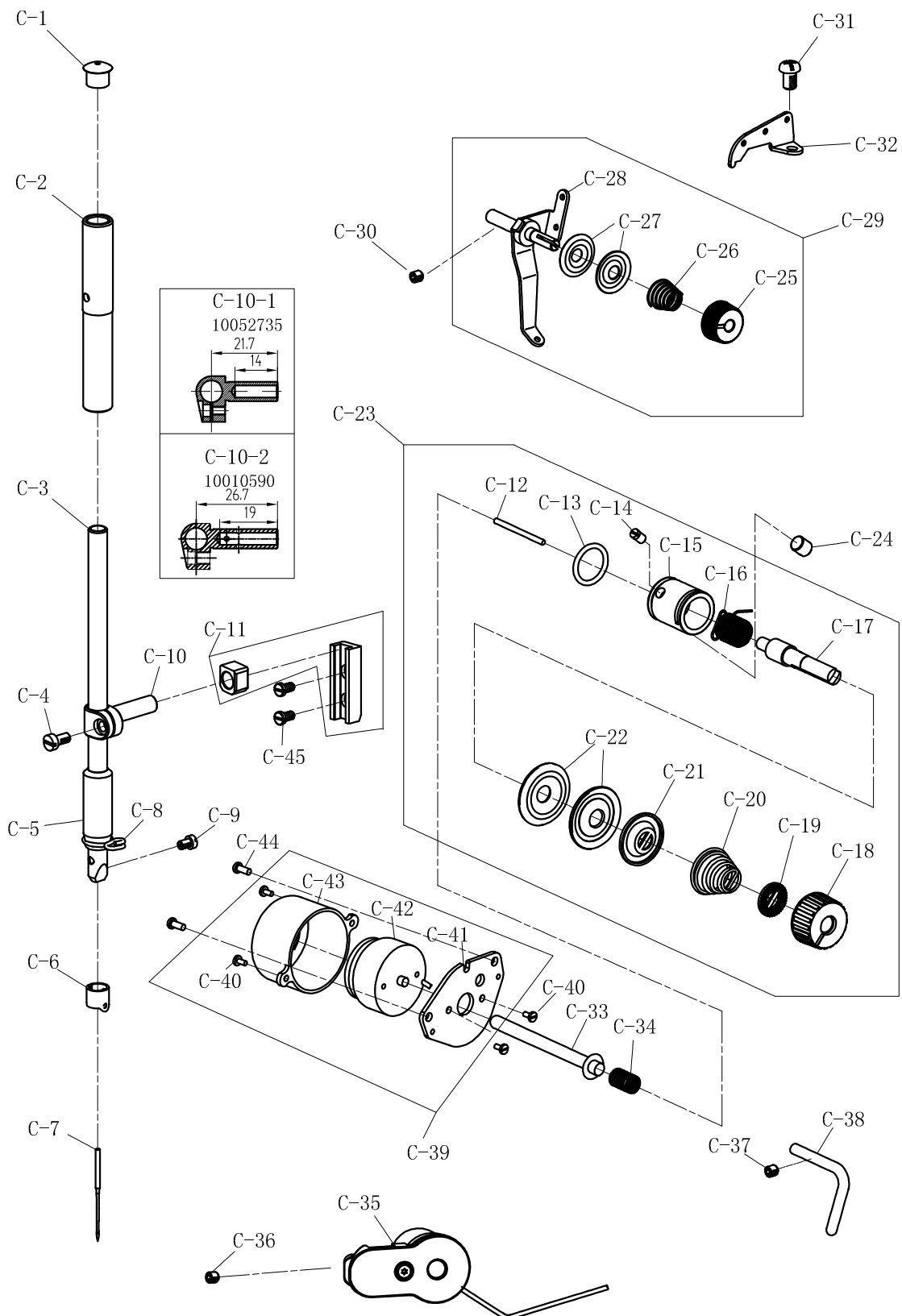
Needle bar & thread tension components



C	针杆、夹线分组件				
	Needlebar & thread tension components				
序号	物料号	Description	名称	数量	备注
C-1	100003441	Rubber plug	橡胶塞	1	
C-2	10011063	Bearing support	轴套	1	
C-3	100003789	Needle bar	针杆	1	813
C-3	100003792	Needle bar	针杆	1	815
C-4	10043360	Screw	滑块导轨螺钉	1	
C-5	10014117	Bearing support	轴套	1	813
C-5	10005916	Bearing support	轴套	1	815
C-6	10010591	Needle bar thread guide	针杆线钩	1	813
C-6	10005945	Needle bar thread guide	针杆线钩	1	815
C-7	10038939	Needle DB×1	DB×1机针	1	813
C-7	100003606	Needle DB×5	DP×5机针	1	815
C-8	10005943	Needle bar thread guide	线钩	1	
C-9	10010588	Screw	螺钉	1	
C-10	10052735	Needle bar holder	针杆连接柱	1	813
C-10	10010590	Needle bar holder	针杆连接柱	1	815
C-11	10054140	Slide block	滑块导轨组件	1	
C-12	10004184	Thread release pin	松线钉	1	
C-13	10004183	O-ring	O形圈	1	
C-14	10004200	Screw	螺钉	1	
C-15	10039524	Tension post socket	挑线簧调节座	1	
C-16	10004201	Spring	弹簧	1	
C-17	10004177	Screw	螺钉	1	
C-18	10051457	Nut	松线器螺母	1	
C-19	10004199	Tension disc stopper	夹线制动板	1	
C-20	10004176	Spring	弹簧	1	813
C-20	10005941	Spring	弹簧	1	815
C-21	10004179	Thread release disc	松线板	1	
C-22	10004180	Tension disc holder	夹线板	2	
C-23	10062637	Thread take-up device	夹线器组件	1	813
C-23	100003773	Thread take-up device	夹线器组件	1	815

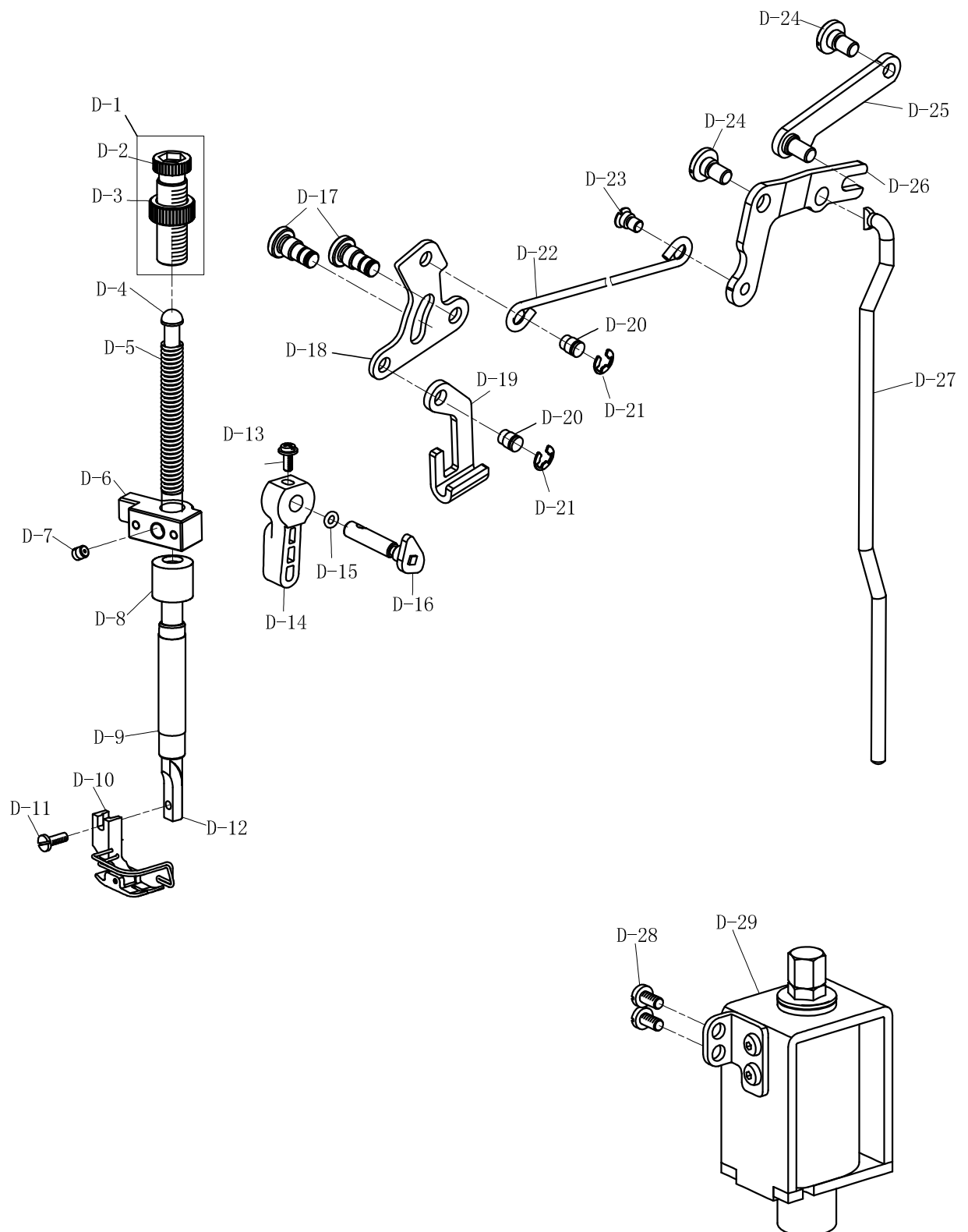
C 针杆、夹线分组件

Needle bar & thread tension components



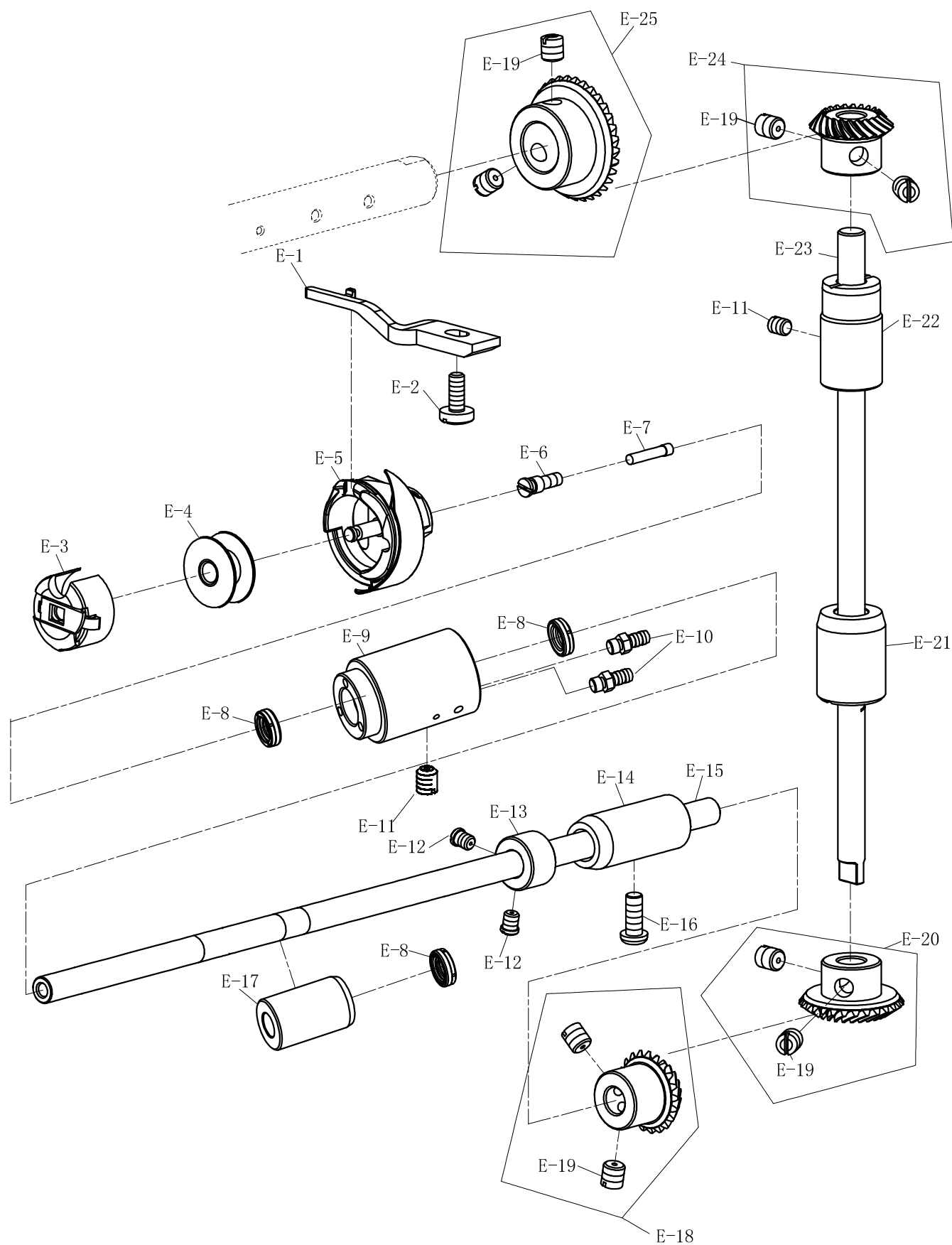
C	针杆、夹线分组件				
	Needlebar & thread tension components				
序号	物料号	Description	名称	数量	备注
C-24	10006264	Screw	螺钉	1	
C-25	10051458	Nut	上夹线器螺母	1	
C-26	10005838	Spring	弹簧	1	
C-27	10005839	Tension disc holder	上夹线板	2	
C-28	10012589	Threading plate	上过线板	1	
C-29	10051703	Thread take-up device	上夹线器部件	1	
C-30	10009074	Screw	螺钉	1	
C-31	10008934	Screw	螺钉	1	
C-32	10052992	Needle tension guide	过线板	1	
C-33	100002401	Tension release supporting pin	松线辅钉	1	
C-34	10050348	Spring	弹簧	1	
C-35	100003524	Electromagnet	电子夹线器	1	
C-36	10009074	Screw	螺钉	1	
C-37	10009074	Screw	螺钉	1	
C-38	10038945	Presser bar thread guide	缓线钩	1	
C-39	200003507	Loose wire electromagnet assembly	松线电磁铁组件	1	
C-40	10005204	Screw	螺钉	4	
C-41	200003534	Mounting plate	电磁铁安装板	1	
C-42	100003530	Loose wire electromagnet	松线电磁铁	1	
C-43	100003538	Electromagnet cover	电磁铁罩	1	
C-44	10008972	Screw	螺钉	2	
C-45	10043360	Screw	螺钉	2	

D 压料、松线分组件 Presser bar & tension release components



D	压料、松线分组件				
	Presser bar & tension release components				
序号	物料号	Description	名称	数量	备注
D-1	10051433	Screw ASM	调压螺钉组件	1	
D-2	10051428	Screw	螺钉	1	
D-3	10051429	Nut	螺母	1	
D-4	10004439	Presser guide bar	调压导杆	1	
D-5	10004473	Spring	弹簧	1	
D-6	100001627	Presser guide bar bracket	压杆导架	1	
D-7	10011642	Screw	螺钉	1	
D-8	100003533	Oil protector cover	压紧杆防油罩	1	
D-9	10014118	Bearing support	轴套	1	813
D-9	10005915	Bearing support	轴套	1	815
D-10	10052532	Presser foot ASM	活压脚部件	1	813
D-10	10005982	Presser foot ASM	活压脚部件	1	815
D-11	10010650	Screw	螺钉	1	
D-12	10010646	Presser bar	压杆	1	
D-13	10010016	Screw	螺钉	1	
D-14	10051430	Hand lifter	压脚扳手	1	
D-15	10010027	O-ring	O形圈	1	
D-16	100001625	Presser foot lifting boss assembly	抬压脚凸块组件	1	
D-17	10010653	Pin	销	2	
D-18	100003238	Front bar of presser foot	抬压脚前杠杆	1	
D-19	100003237	Presser foot lifting plate	压脚提升板	1	
D-20	10003916	Pin	销	2	
D-21	10013038	Snap ring	挡圈	2	
D-22	100002662	Lifting lever connecting rod	抬压脚拉杆	1	
D-23	10010651	Screw	螺钉	2	
D-24	10010652	Screw	螺钉	2	
D-25	100003258	Presser foot lifter connector plate	抬压脚连接板	1	
D-26	100002664	Lifting lever link	抬压脚杠杆	1	
D-27	100002080	Connecting rod vertical	抬压脚顶杆	1	
D-28	10000134	Screw	螺钉	4	
D-29	100003547	Electromagnet	抬压电磁铁	1	

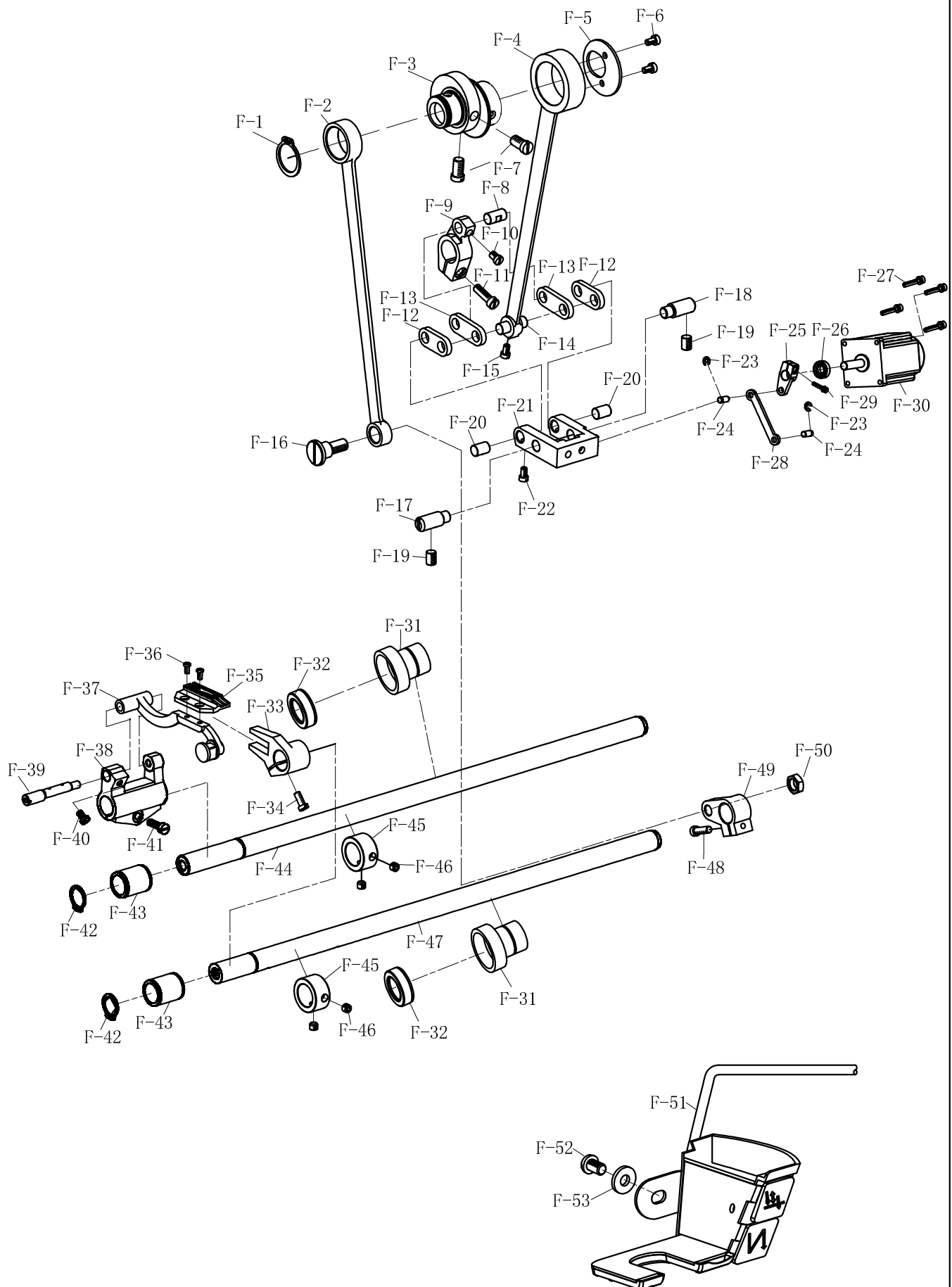
E 勾线分组件 Hook of driving shaft components



E	钩线分组件				
	Hook of driving shaft components				
序号	物料号	Description	名称	数量	备注
E-1	10031261	Positioning finger	旋梭定位钩	1	
E-2	10011101	Screw	螺钉	1	
E-3	10006924	Bobbin case	梭壳	1	
E-4	10025484	Bobbin	梭芯	1	
E-5	10051397	Hook	旋梭	1	813
E-5	10053595	Hook	旋梭	1	815
E-6	100003639	Screw	螺钉	1	
E-7	10010063	Oil wick	油芯	1	
E-8	10013029	oil seal	油封	3	
E-9	100002379	Bearing support	下轴前套	1	
E-10	10008779	Tubing joint	油管接头	2	
E-11	10041529	Screw	螺钉	2	
E-12	10010059	Screw	螺钉	2	
E-13	10010058	Thrust collar	挡圈	1	
E-14	10007268	Bearing support	轴套	1	
E-15	10008821	Hook driving shaft	下轴	1	
E-16	10010030	Screw	螺钉	1	
E-17	100001705	Bearing support	下轴中套	1	
E-18	10003937	Gear	齿轮组件	1	
E-19	10010065	Screw	螺钉	8	
E-20	10010029	Gear	齿轮组件	1	
E-21	10007235	Bearing support	轴套	1	
E-22	10007236	Bearing support	轴套	1	
E-23	10010057	Upright shaft	竖轴	1	
E-24	10010062	Gear	齿轮组件	1	
E-25	10010056	Gear	齿轮组件	1	

F 送料分组件

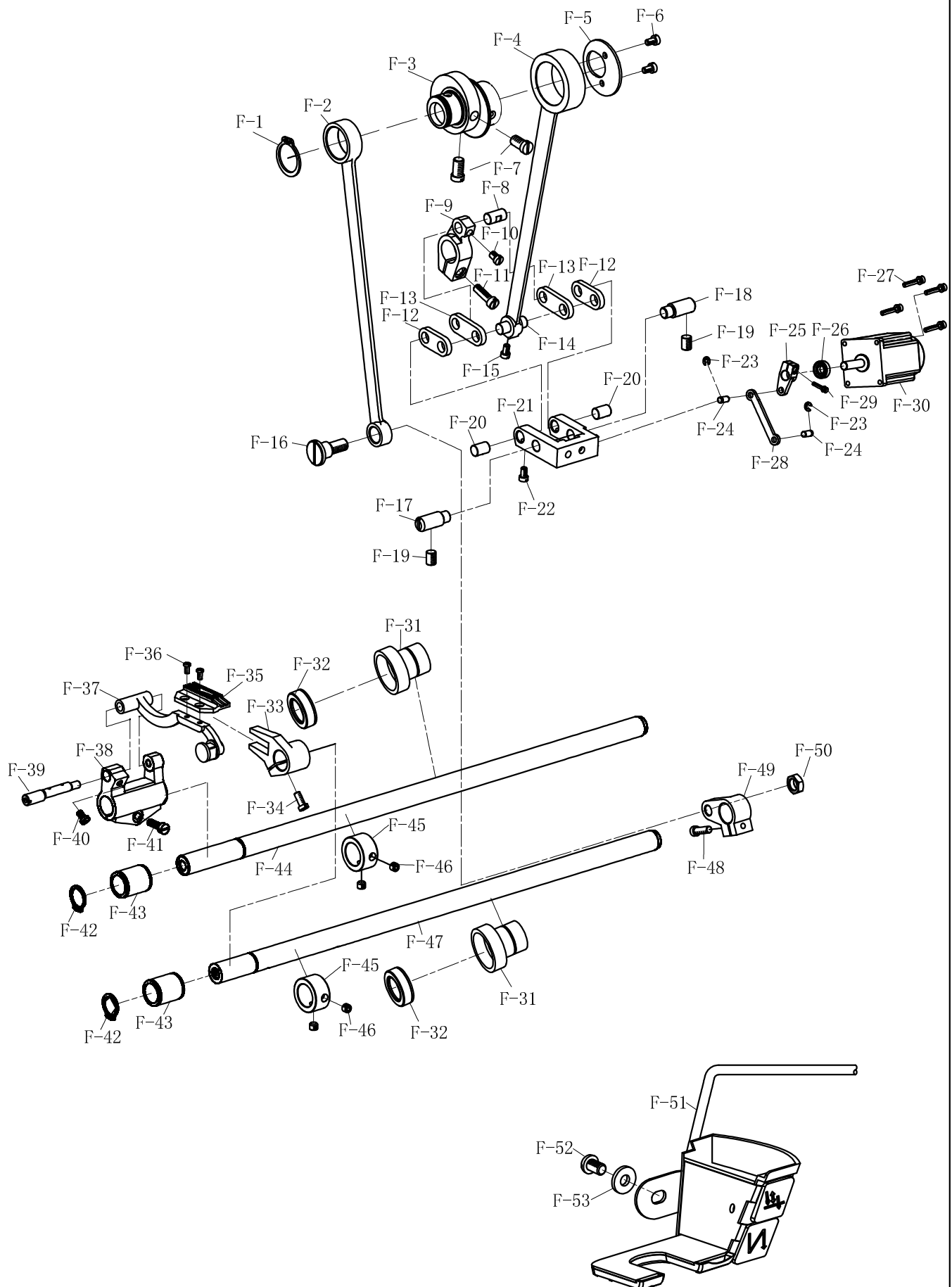
Feed mechanism components



F	送料分组件				
	Feed mechanism components				
序号	物料号	Description	名称	数量	备注
F-1	10010089	Snap ring	挡圈	1	
F-2	10010084	Connecting rod	抬牙连杆	1	
F-3	10010115	Feed drive eccentric cam	送料偏心轮	1	
F-4	10010072	Connecting rod	送料连杆	1	
F-5	10010098	Thrust cover	送料偏心轮盖板	1	
F-6	10010643	Screw	螺钉	2	
F-7	10010092	Screw	螺钉	2	
F-8	10010096	Pin	销	1	
F-9	10010076	Feed rocker	送布曲柄	1	
F-10	10010071	Screw	螺钉	1	
F-11	10010095	Screw	螺钉	1	
F-12	10048736	Short link	送料短摆动板	2	
F-13	10048696	Long link	送料长摆动板	2	
F-14	10010069	Pin	销	1	
F-15	10010071	Screw	螺钉	1	
F-16	10010091	Screw	螺钉	1	
F-17	100001677	Pin	销	1	
F-18	100001671	Pin	销	1	
F-19	10010678	Screw	螺钉	2	
F-20	10010087	Pin	销	2	
F-21	10010088	Feed adjusting ASM	送料摆动板座组件	1	
F-22	10010071	Screw	螺钉	2	
F-23	10010649	Snap ring	挡圈	2	
F-24	100001346	Pin	销	2	
F-25	100001348	crank	曲柄	1	
F-26	100001355	oil seal	油封	1	
F-27	10065628	Screw	组合螺钉	3	
F-28	100001347	connecting rod	连杆	1	
F-29	10065628	Screw	螺钉组件	1	
F-30	100003535	Stepper motor	步进电机	1	

F 送料分组件

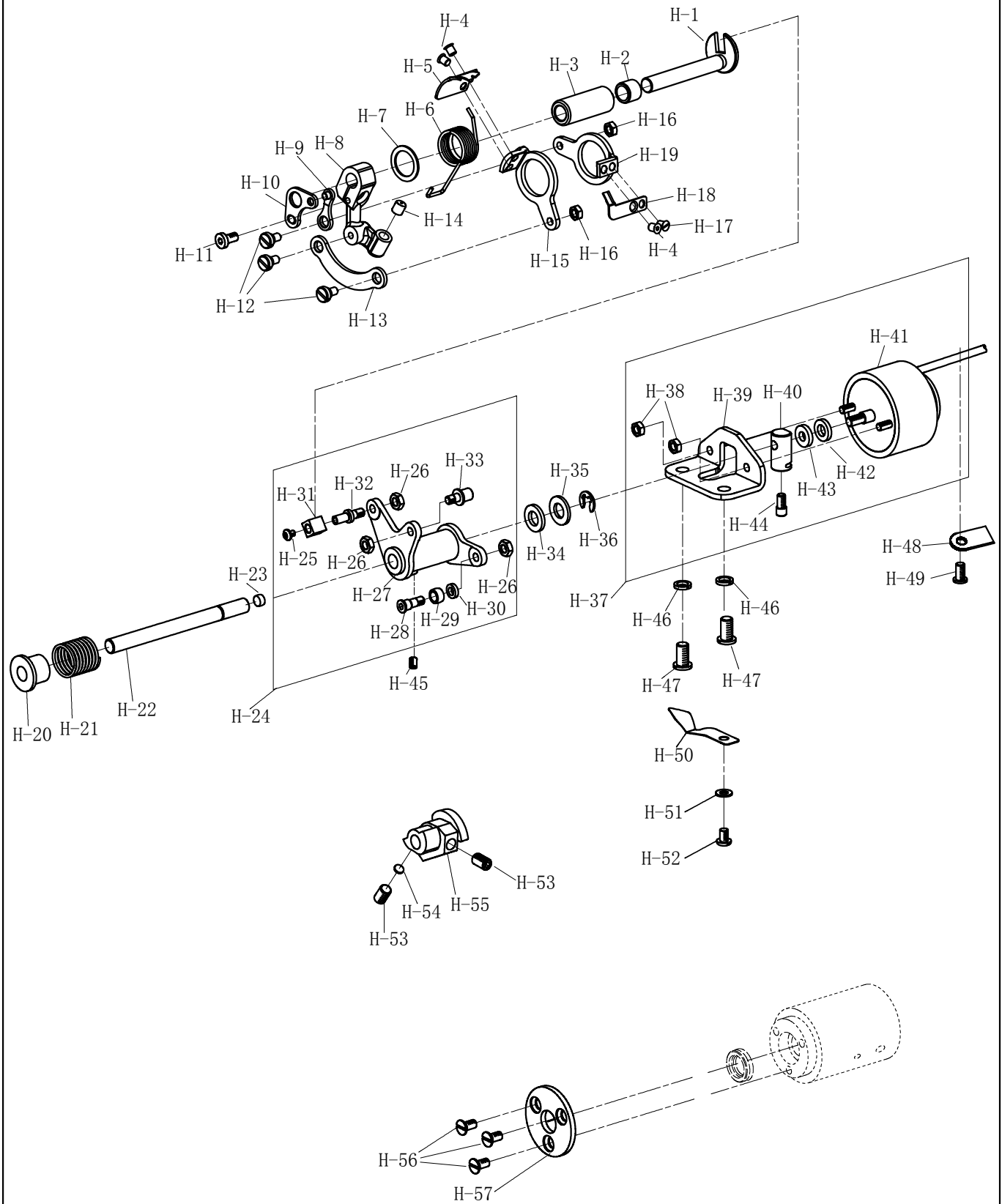
Feed mechanism components



F	送料分组件				
	Feed mechanism components				
序号	物料号	Description	名称	数量	备注
F-31	100001696	Bearing support	送料抬牙轴中套	2	
F-32	100003565	oil seal	油封	2	
F-33	10042079	Lifting fork	抬牙叉形曲柄组件	1	
F-34	10004628	Screw	螺钉	1	
F-35	10052531	Feed dog	送料牙	1	813
F-35	10007322	Feed dog	送料牙	1	815
F-36	10010099	Screw	螺钉	2	
F-37	10063520	Tooth base	牙架	1	
F-38	10004474	Feed bar driving crank	牙架座	1	
F-39	10004440	Pin	销	1	
F-40	10010074	Screw	螺钉	1	
F-41	10004993	Screw	螺钉	1	
F-42	10010090	Snap ring	挡圈	2	
F-43	10014116	Bearing support	轴套	2	
F-44	100001689	Feed rocker shaft	送料轴	1	
F-45	10010542	Thrust collar	挡圈	2	
F-46	10038073	Screw	螺钉	4	
F-47	100001690	Feed rocker shaft	抬牙轴	1	
F-48	10010095	Screw	螺钉	1	
F-49	10010086	Lifting rocker	抬牙后曲柄	1	
F-50	10004475	Nut	螺母	1	
F-51	100003518	Headlamp assembly	机头灯组件	1	
F-52	10008934	Screw	螺钉	1	
F-53	10011168	Washer	垫圈	1	

H 剪线分组件

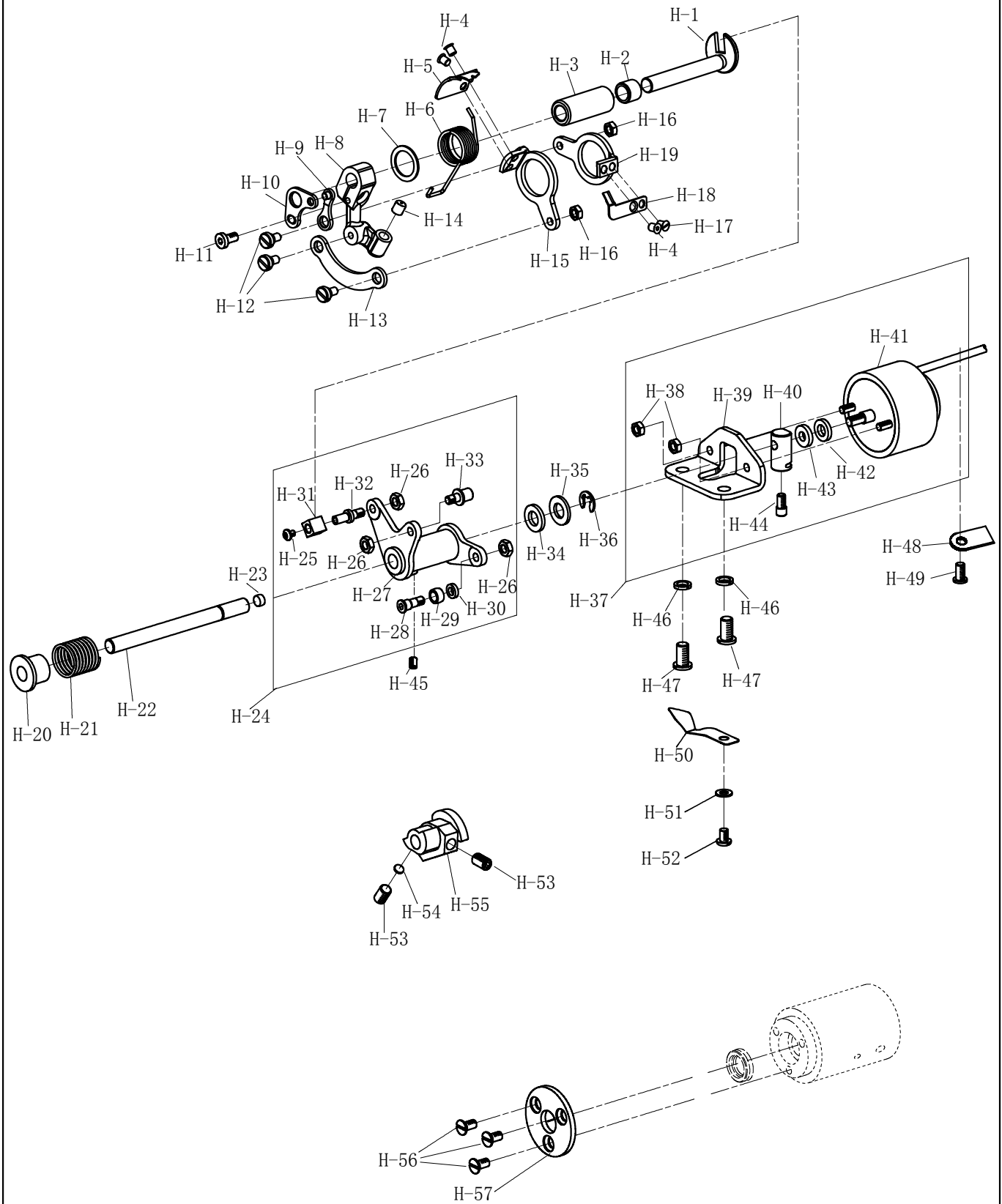
Thread trimmer components



H	剪线分组件				
	Thread trimmer components				
序号	物料号	Description	名称	数量	备注
H-1	10064326	Trimming crank shaft	切刀驱动曲柄轴	1	
H-2	10011630	Short bushing	轴套	1	
H-3	10012454	Short bushing	轴套	1	
H-4	10011588	Fastening screw	紧固螺钉	3	
H-5	100001662	Round knife	上动刀	1	
H-6	10011649	Spring	弹簧	1	
H-7	10008865	Washer	垫圈	1	
H-8	10064327	Trimming crank	切线驱动曲柄	1	
H-9	10064329	Connecting rod	定刀连杆	1	
H-10	10064328	Adjusting plate	定刀调节板	1	
H-11	10006624	Screw	螺钉	1	
H-12	10011514	Screw	螺钉	3	
H-13	10031612	Knife shaft crack rod	刀轴连杆	1	
H-14	10011580	Block	切刀驱动曲柄止动块	1	
H-15	10064330	Round knife bracket	动刀架	1	
H-16	10011578	Nut	螺母	2	
H-17	100003931	Screw	螺钉	1	
H-18	100001660	Round knife	下动刀	1	
H-19	10064331	Fixed turret	定刀架	1	
H-20	10014196	End cap	扭簧端盖	1	
H-21	10008812	Spring	弹簧	1	
H-22	100002348	Teimming shaft	切刀驱动轴	1	
H-23	10050266	Silencer plug	消音塞	1	
H-24	10011686	Trimming cam crank Asm	切线凸轮曲柄组件	1	
H-25	10025577	Screw	螺钉	1	
H-26	10011578	Nut	螺母	3	
H-27	10004648	Trimming cam crank Asm	切线凸轮曲柄分组件	1	
H-28	10004707	Roller	切线凸轮曲柄滚柱	1	
H-29	10004651	Roller	滚柱	1	
H-30	10025576	Washer	垫圈	1	

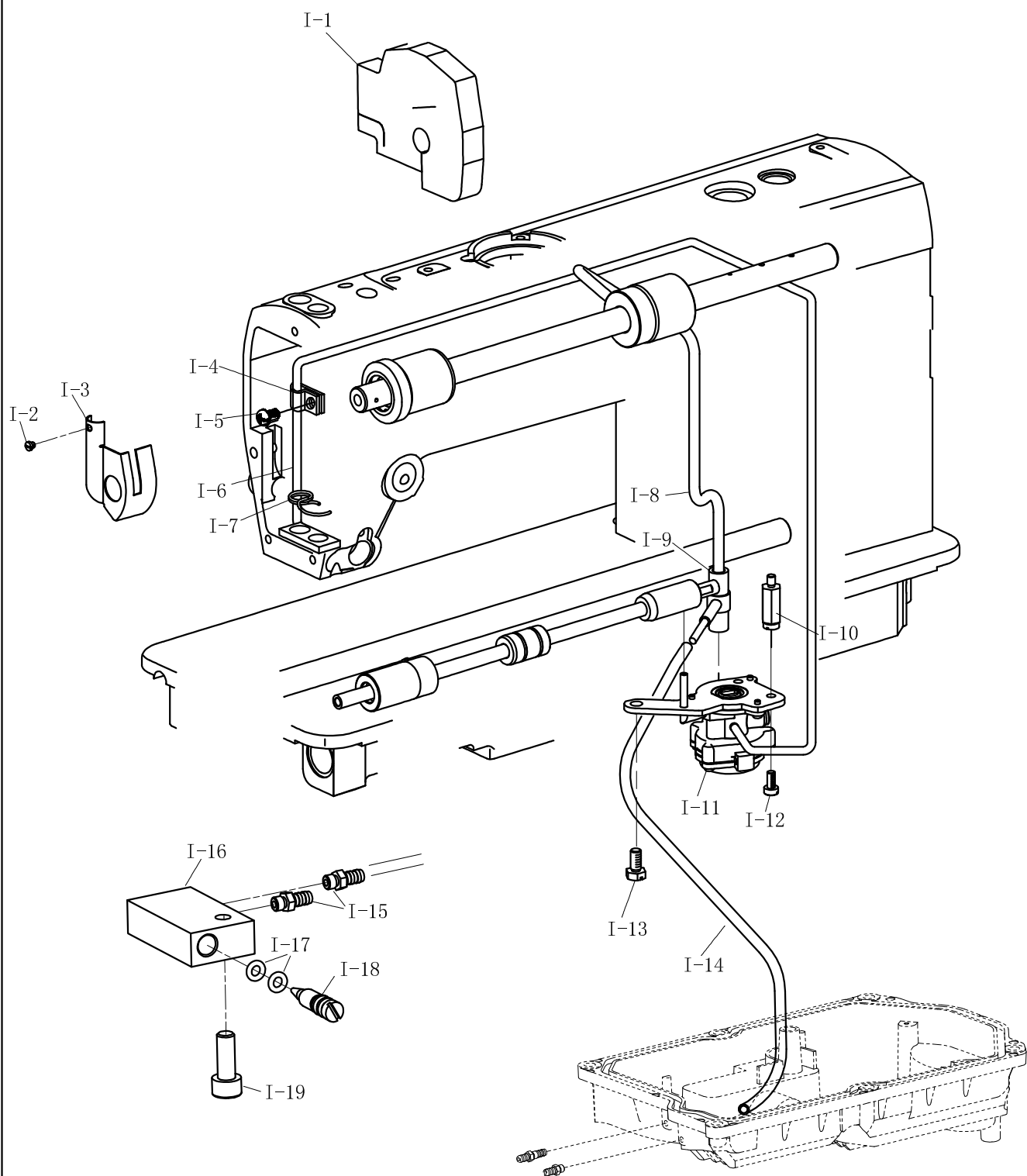
H 剪线分组件

Thread trimmer components

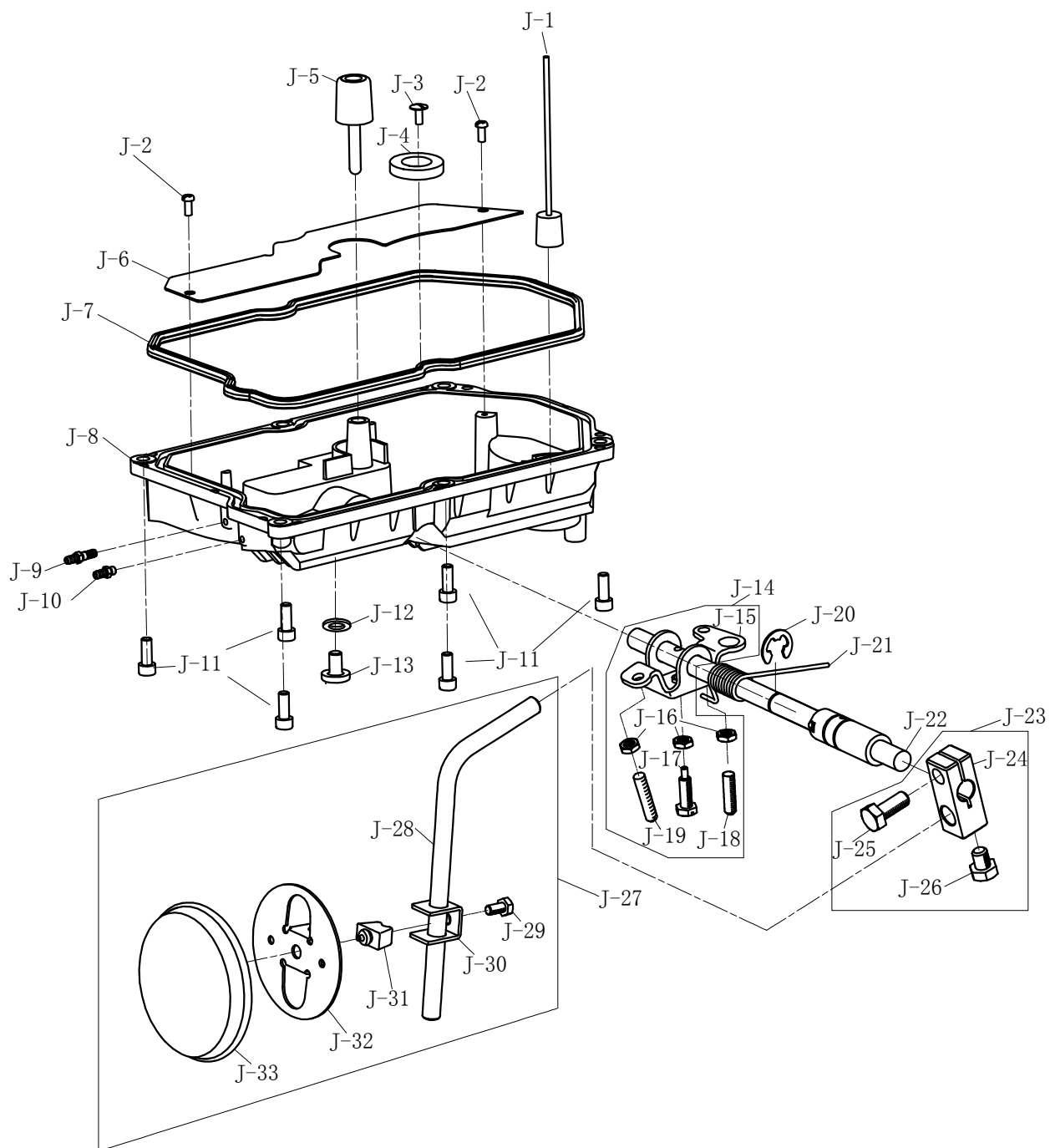


H	剪线分组件				
	Thread trimmer components				
序号	物料号	Description	名称	数量	备注
H-31	10004703	Slide block	切线凸轮曲柄滑块	1	
H-32	10004704	Pin	销	1	
H-33	10004705	Roller	切线凸轮左曲柄滚柱	1	
H-34	10011650	Washer	垫圈	1	
H-35	10003031	Washer	垫圈	1	
H-36	10009654	Snap ring	挡圈	1	
H-37	100003531	Thread trimmer solenoid ASM	剪线电磁铁组件	1	
H-38	10009471	Nut	螺母	2	
H-39	100002665	Solenoid base	剪线电磁铁安装座	1	
H-40	10011607	Solenoid connecting shaft	剪线电磁铁连接体	1	
H-41	100003991	Thread trimmer solenoid	剪线电磁铁	1	
H-42	10011606	Washer	垫圈	1	
H-43	10011845	Washer	垫圈	1	
H-44	10028999	Screw	螺钉	1	
H-45	10008862	Screw	螺钉	1	
H-46	10003077	Washer	垫圈	2	
H-47	10011605	Screw	螺钉	2	
H-48	100003705	Cord holder	挡线板	1	
H-49	10010292	Screw	螺钉	1	
H-50	10058067	Dispart	分线器	1	
H-51	10013154	Washer	垫圈	1	
H-52	10014474	Screw	螺钉	1	
H-53	10013465	Screw	螺钉	2	
H-54	10023739	Cam collar	剪线凸轮垫	1	
H-55	10010736	Thread cutting cam	剪线凸轮	1	
H-56	10009626	Screw	螺钉	3	
H-57	10013026	Tool holder clamp	刀架压板	1	

I 润滑分组件 Lubrication components

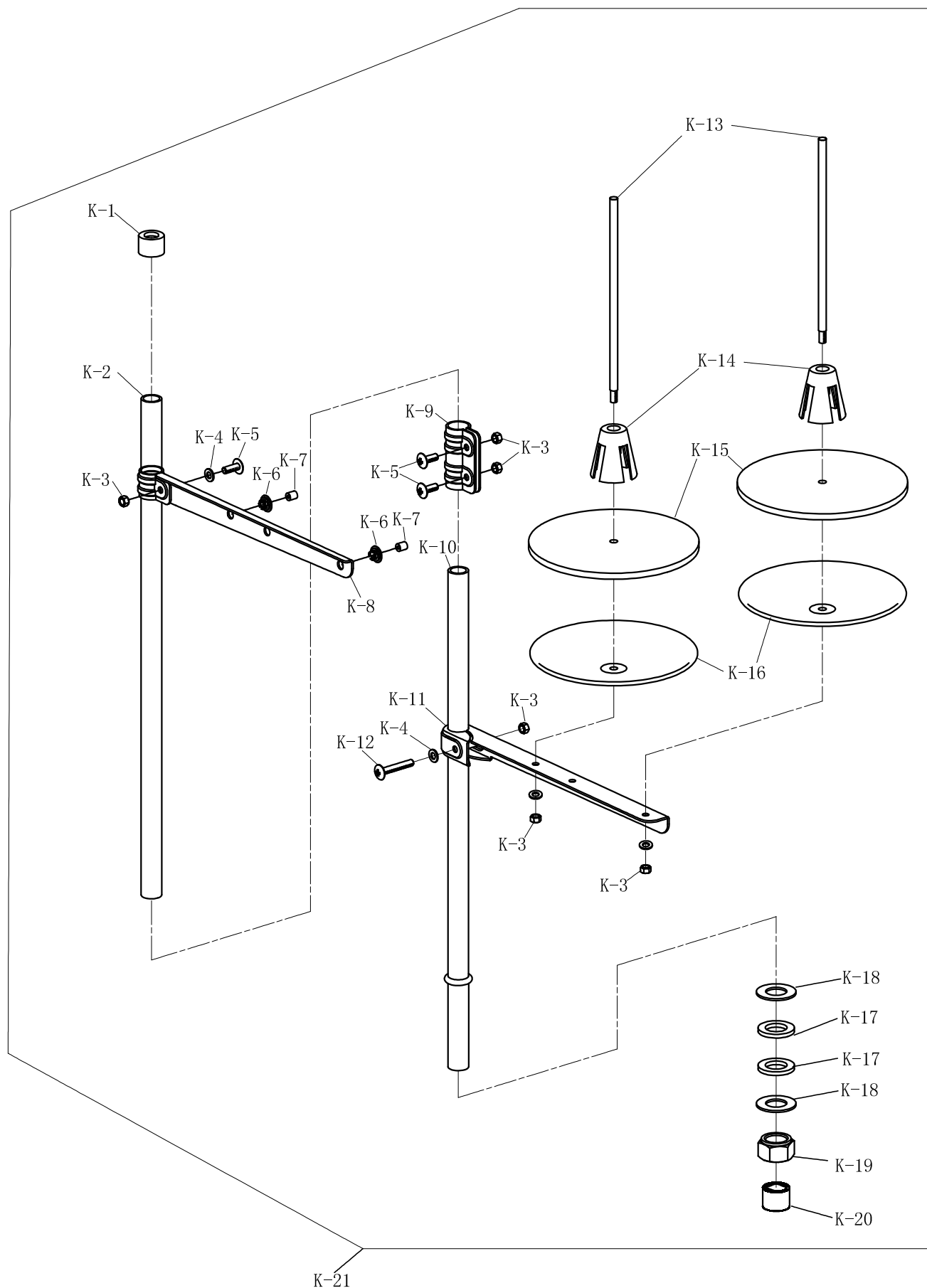


J 油盘、膝抬压脚分组件 Presser foot components of oil plate knee lift



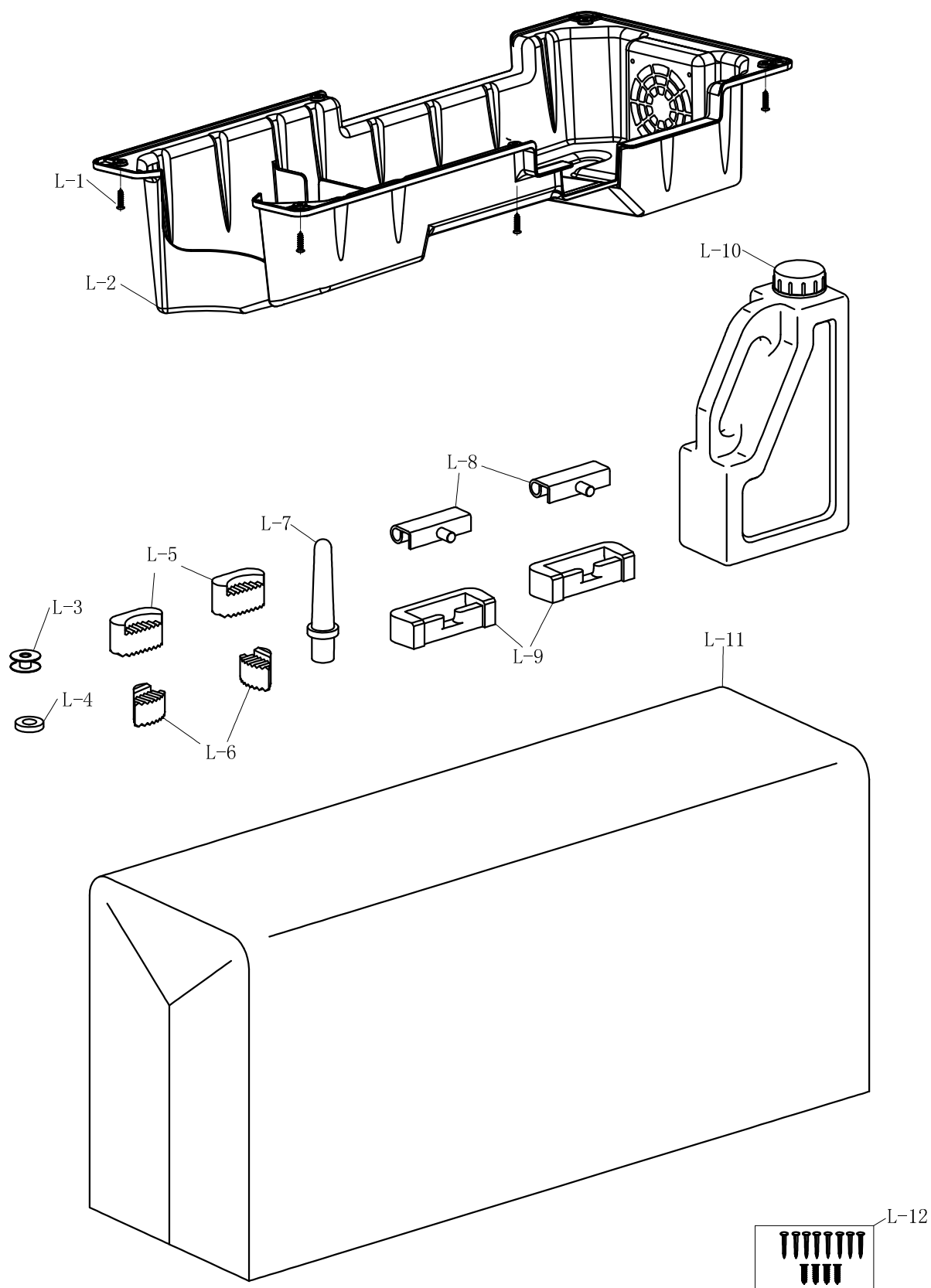
J	油盘、膝抬压脚分组件				
	Presser foot components of oil plate knee lift				
序号	物料号	Description	名称	数量	备注
J-1	100001634	buoy	浮球组件	1	
J-2	10008934	Screw	螺钉	2	
J-3	10009991	Screw	螺钉	1	
J-4	10003892	Oil pan magnet	油盘磁铁	1	
J-5	100001682	Pin	抬压脚顶销	1	
J-6	100003512	Oil baffle	挡油板	1	
J-7	100001633	Oil reservoir gasket	油盘密封垫	1	
J-8	100003215	Oil reservoir	铝油盘	1	
J-9	100001703	Oil supply nozzle	供油嘴	1	
J-10	10008779	Oil tube holder	油管接头	1	
J-11	10002028	Screw	螺钉	6	
J-12	10014461	O-ring	O形圈	1	
J-13	100002181	Screw	放油螺钉	1	
J-14	10002563	Crank ASM	抬压脚双向曲柄组件	1	
J-15	10009987	Crank	抬压脚双向曲柄	1	
J-16	10003890	Nut	螺母	3	
J-17	10003898	Screw	螺钉	1	
J-18	100004047	Screw	螺柱	1	
J-19	10003895	Screw	螺钉	1	
J-20	10002559	Snap ring	挡圈	1	
J-21	100002350	Spring	弹簧	1	
J-22	100001687	Knee pressing shaft	抬压脚轴	1	
J-23	10002562	Bubber ring	抬压脚操纵杆接头组件	1	
J-24	10003896	Bracket ASM	抬压脚操纵接头	1	
J-25	10002613	Screw	螺栓	1	
J-26	10002610	Screw	螺栓	1	
J-27	200003503	Knee pressing plate ASM	操纵杆部件	1	
J-28	10003901	Knee pressing plate rod	操纵杆	1	
J-29	10003894	Screw	螺钉	1	
J-30	10003897	Knee pressing plate holder	操纵杆接头	1	
J-31	100003445	Knee pressing plate rubber	操纵杆垫	1	
J-32	10003891	Knee pressing plate	操纵板	1	
J-33	100003446	Knee pressing cover	操纵板软垫	1	

K 过线架分组件 Components of thread-running stand

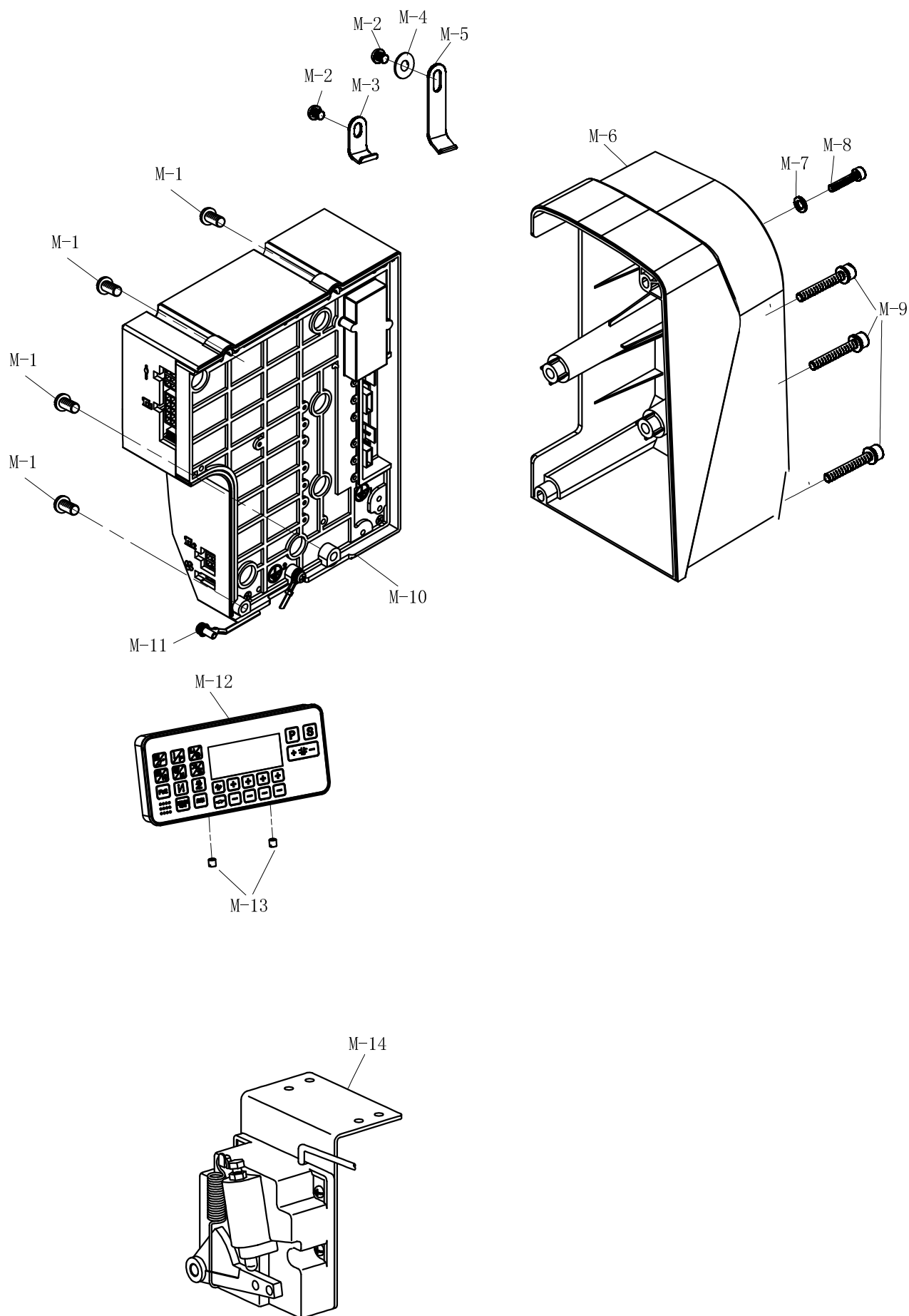


k	过线架分组件				
	Components of thread-running stand				
序号	物料号	Description	名称	数量	备注
K-1	100003447	Column cap	线架上撑管套	1	
K-2	10004293	Column pipe(upper)	线架上撑管	1	
K-3	10002953	Nut	M5螺母	6	
K-4	10003022	Washer	垫圈	4	
K-5	10003301	Screw	螺钉	3	
K-6	10004285	Thread guide bushing	过线管套	4	
K-7	10004289	Thread guide pipe	过线管	4	
K-8	10004298	Thread hanger(upper)	上过线架	2	
K-9	10004286	Column pipe connector	撑管夹	1	
K-10	10004291	Column pipe(lower)	线架下撑管	1	
K-11	10004284	Thread hanger(lower)	下过线架	1	
K-12	10003312	Screw	螺钉	2	
K-13	10004288	Spool pin	线轴	2	
K-14	10004287	Spool cushion	线盘塑料压块	2	
K-15	10004281	Spool mat	线盘软垫	2	
K-16	10004299	Spool seat disc	线盘	2	
K-17	10004295	Washer	垫圈	2	
K-18	10004290	Washer	垫圈	2	
K-19	10002985	Nut	螺母	1	
K-20	100003447	Column pipe(upper)	线架上撑管套	1	
K-21	100003519	Wire frame components	二线线架部件	1	

L 附件 Accessories

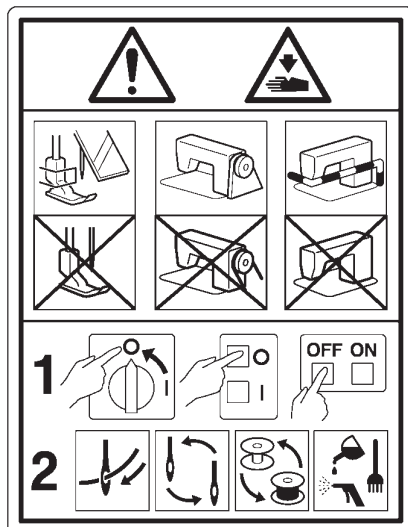


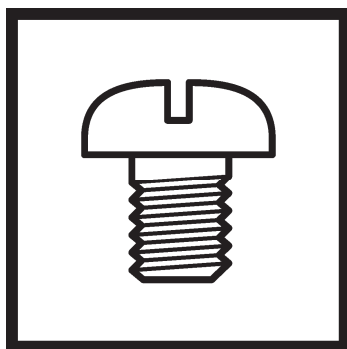
M 电控分组件 Driver-by-wire Components



Wa 警告标签 / Warning labels

警告标签 / Warning labels





零件手册
PARTS BOOK

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