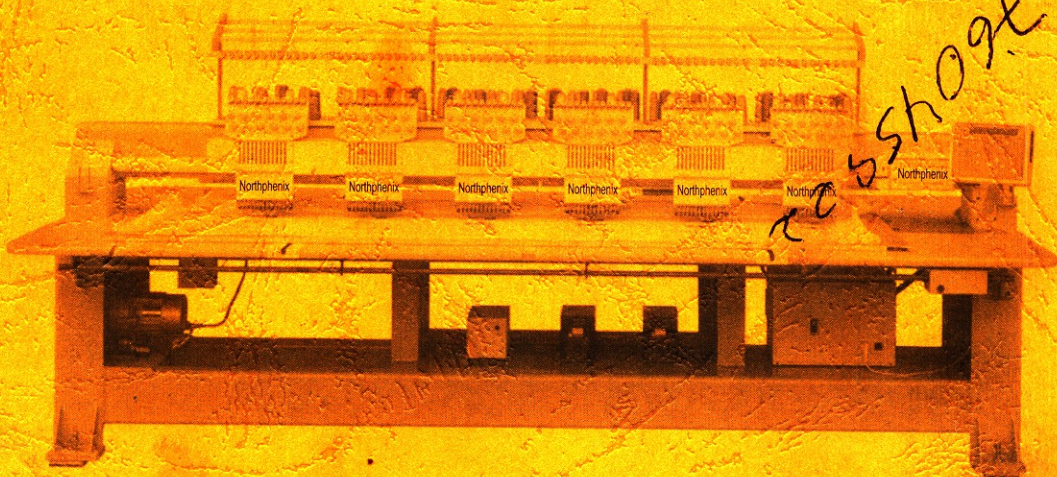




***TN* Series**

Computer Embroidery Machine

Parts List



NORTH PHENIX INTELLIGENCE TECHNOLOGY., LTD.
BEIJING CHINA

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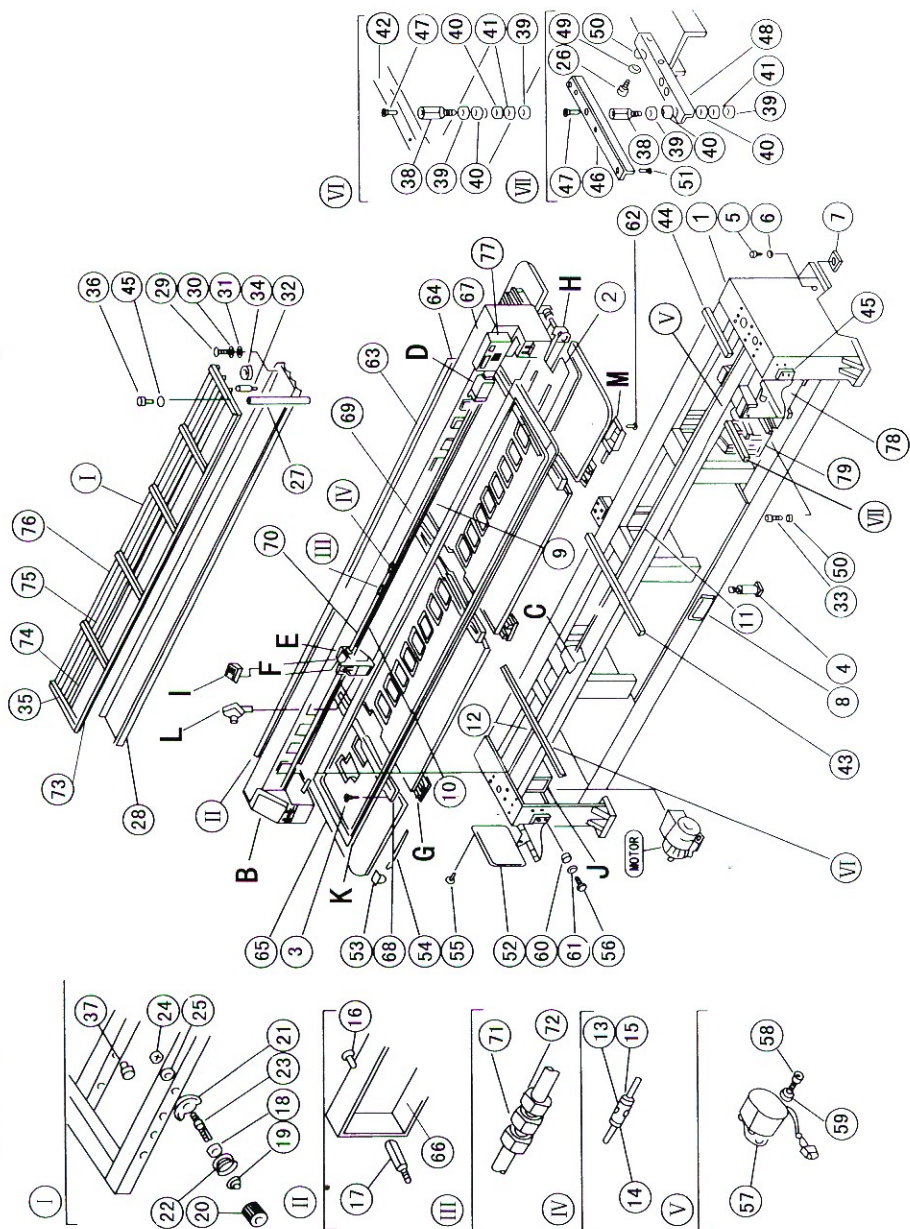
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Remarks: We reserve the right to change specifications without notice for the purpose of product improvement.

注：本手册为通用零件手册，如有改进变化，恕不另行通知！不详之处，请与当地北方天鸟公司维修服务人员联系！

A

GENERAL VIEW



Northphenix

A

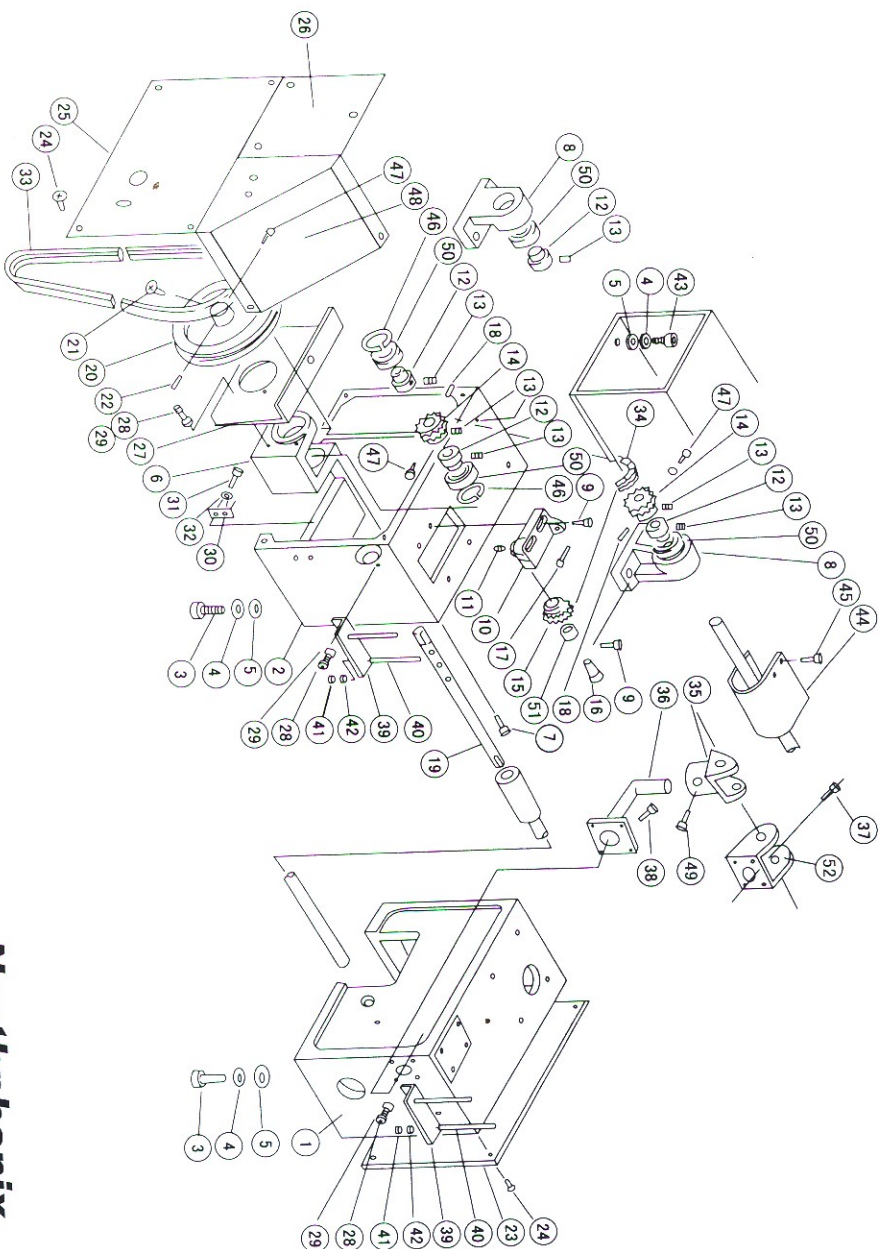
GENERAL VIEW

Ref. No	Description	Part No.	中文名称
1	Stand	01-02	机 座
2	Table Lid	01-15	盖 板
3	Countersunk Head Tapping Screws	ST2.9×16	自攻螺钉
4	Stand Stud Bolt	01-8	支 座
5	Adjusting Bolt	01-16	方头螺钉
6	Hexagon Nut	M20	螺 母
7	Vibration-preventive Base	01-17	垫 铁
8	Brand Name Plate	00-51	铭 牌
9	Slide Shaft	00-15	换 色 轴
10	Slide Shaft	00-16	换 色 轴
11	Rotary Hook Shaft Drive Shaft	00-5	右 下 轴
12	Rotary Hook Shaft Drive Shaft	00-4	左 轴
13	M6 Joint	00-11	接 头
14	Hexagon Nut	M6	螺 母
15	Nut(counter clockwise)	00-12	左旋螺母
16	Truss Head Screw	M5×8	螺 钉
17	Support stud	00-26	螺 柱
18	Washer	10-23	毡 垫
19	Thread Course Tension Spring	10-26	导 线 簧
20	Adjusting Screw	10-010	旋 钮
21	Thread Course Thread Guide	10-28	过 线 板

Ref.No	Description	Part No.	中文名称
22	Thread Course Tension Disk	10-27	夹 线 板
23	Thread Course Tension Screw	10-25	夹 线 钉
24	Hexagon Nut	M5	螺 母
25	Plain washer	5	平 垫
26	Hexagon Socket Head Cap Screw	M6×12	内六方螺钉
27	Thread Stand Shaft	10-30	支 柱
28	Thread Stand Plate	10-42	托 板
29	Screw	M6×30	螺 钉
30	Spring washer	6	弹性垫圈
31	Plain washer	6	垫 圈
32	Thread Stand Stud	10-29	线 柱
33	Head Cap Screw Thread Stand Stud	M6×40	螺 钉
34	Felt Washer	10-41	毡 垫
35	Angle Frame	10-021	斜 梁
36	Hexagon Socket Head Cap Screw	M5×12	内六方螺钉
37	Thread Guide	10-39	套 管
38	Table Support Stud	01-10	支座螺钉
39	Hexagon Nut	M8	螺 母
40	Plain Washer	8	垫 圈
41	Spring Washer	8	弹性垫圈
42	Table Support	01-90	台板支铁
43	Table Support	01-22	台板支铁

Ref.No	Description	Part No.	中文名称
44	Table Support	01-19	台板支铁
45	Table Support	01-14	台板支铁
46	Table Support	01-20	台板支铁
47	Countersunk Head Screw	M6×12	沉头螺钉
48	Table Support Bracket	01-21	角 铁
49	Spring Washer	6	弹性垫圈
50	Plain Washer	6	平 垫
51	Round Head Tapping Screw	ST4.8×32	白攻螺钉
52	Left Side Plate Cover	01-18	侧盖板
53	Bar Switch Support	00-2	拉杆支架
54	Switch Bar	00-32	拉 杆
55	Truss Head Screw	12-43	螺 钉
56	Hexagon Socket Head Cap Screw	M10×45	内六方螺钉
57	Rotary Encoder Rh1000-0.5A		编 码 器
58	Truss Head Screw	M3×16	螺 钉
59	Plain Washer	3	平 垫
60	Spring Washer	10	弹性垫圈
61	Plain Washer	10	垫 圈
62	Round Head Tapping Screw	ST3.5×16	白攻螺钉
63	Light	00-02	灯
64	Rubber	00-57	绝缘垫
65	Table	01-09~ 01-013	台 板

Ref.No	Description	Part No.	中文名称
66	Wiring Cover	00-25	电缆护罩
67	Arm Support Square Pipe	01-01	横梁
68	Table Lid	08-21	盖板
69	Needle Bar Drive Shaft R	00-6	右上轴
70	Needle Bar Drive Shaft L	00-3	左上轴
71	N-Coupling	00-62	锥螺卡箍
72	Nut	00-63	锥螺母
73	Front Lower Beam	10-33	前下梁
74	Angle I	10-36	过线架 I
75	Angle II	10-37	过线架 II
76	Angle III	10-38	过线架 III
77	Operation Box		操作键盘箱
78	Power Supply Box		电源箱
79	Driver Box		驱动箱

B**GEAR BOX**

B

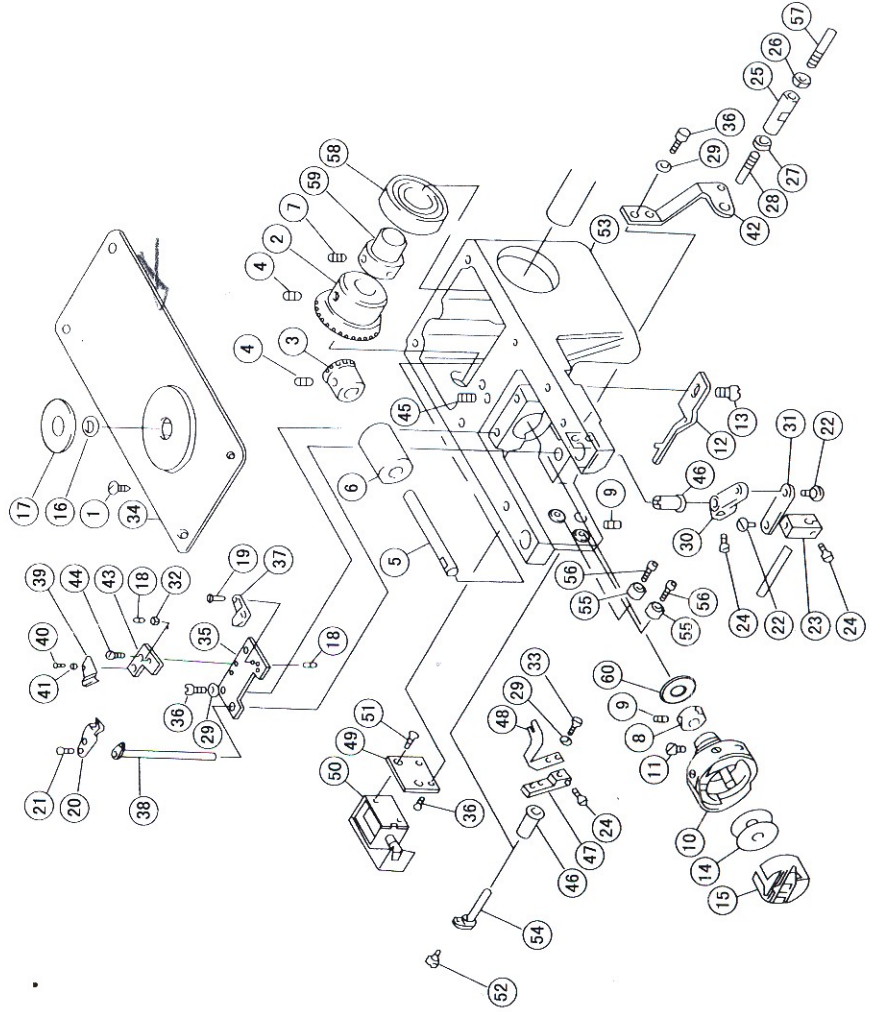
GEAR BOX

Ref. No	Description	Part No.	中文名称
1	Main Box	02-19	箱体
2	Gear Box	02-18	主轴箱
3	Screw	M10×45	螺钉
4	Spring Washer	10	弹性垫圈
5	Plain Washer	10	垫圈
6	Bearing Bracket	02-21	轴承座
7	Screw	M6×25	螺钉
8	Bearing Bracket	02-9	轴承座
9	Screw	M6×20	螺钉
10	Tension Bracket	02-8	张紧链轮支架
11	Screw	M6×8	紧定螺钉
12	φ 15 Collar	02-13	上轴套管
13	Screw	M6×8	螺钉
14	Sprocket	02-12	上轴链轮
15	φ 10 Sprocket	02-24	张紧链轮
16	Tension Pin	02-7	张紧链轮轴
17	Tension Bolt	02-14	螺杆
18	Taper Pin	A5×32	销
19	Rotary Hook Drive Shaft	02-3	下轴
20	Shaft Pullet	02-5	带轮
21	Screw	M6×8	紧定螺钉

Ref.No	Description	Part No.	中文名称
22	Taper Pin	A5×40	销
23	Box Cover	02-20	盖板
24	Truss Head Screw	12-43	螺钉
25	Box cover	02-27	盖板
26	Box cover	02-28	上梁盖板
27	Oil Fencing Cover	02-6	挡板
28	Screw	M5×6	螺钉
29	Washer	5	垫圈
30	Angle Pointer	02-17	指针
31	Bolt	M6×10	螺钉
32	Washer	6	垫圈
33	Drive Belt	J×1000× 10	多楔皮带
34	Roller Chain	TG095A× 2-606B	链条
35	Operation Panel Pipe	02-54	支架
36	Pipe Bracket	02-04	支架
37	Screw	M5×12	螺钉
38	Bolt	M6×20	螺钉
39	Bobbin Stand Bracket	02-16	梭子架
40	Bobbin Stand Shaft	02-15	梭子轴
41	Nut	M5	螺母
42	Plain Washer	5	垫圈
43	Bolt	M10×35	螺钉

C

HOOK BASE



C

HOOK BASE

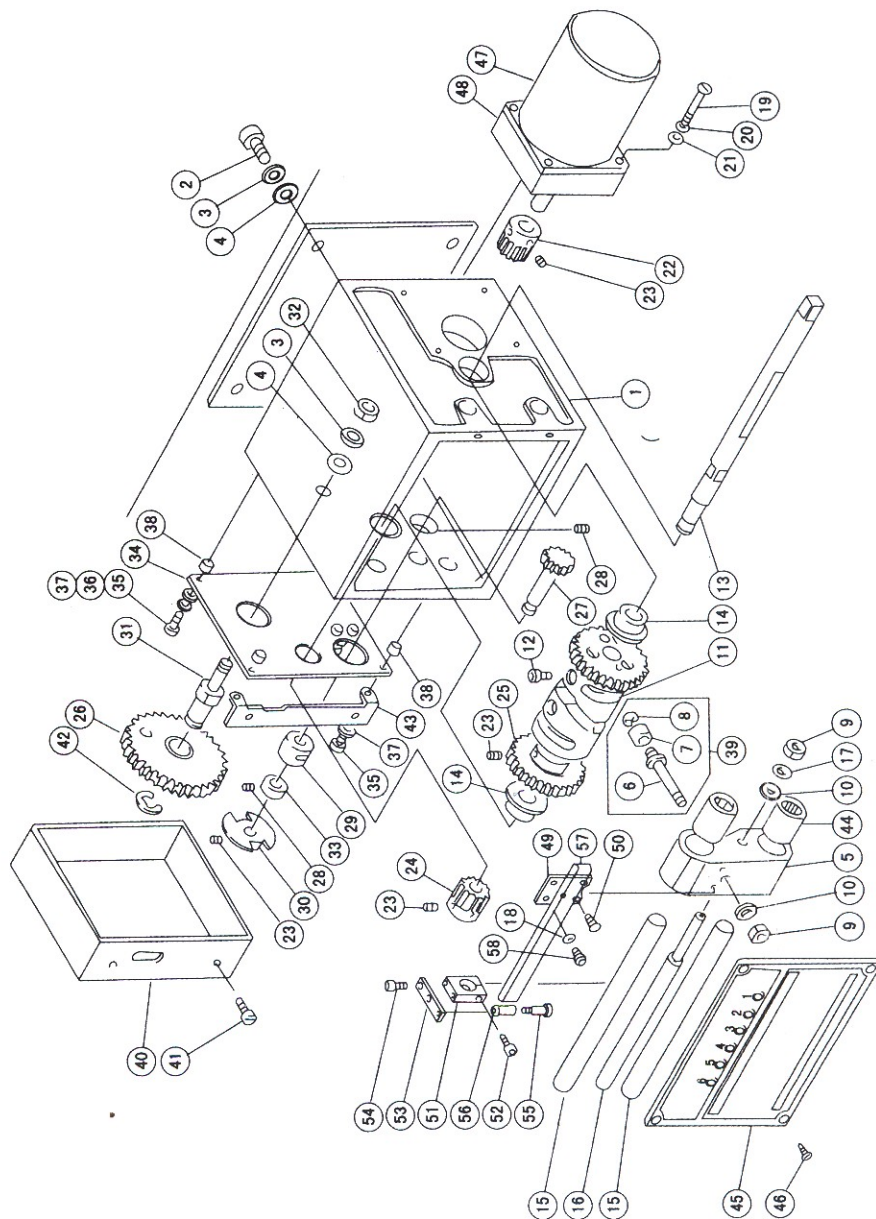
Ref. No	Description	Part No.	中文名称
1	Needle Set Plate Screw	04-32	螺 钉
2	Spiral Bevel Gear	04-11	锥 齿 轮
3	Spiral Bevel Gear	04-12	锥 齿 轮
4	Porcelain Enameled Set Screw	M6×8	紧定螺钉
5	Rotary Hook Shaft	04-4	旋 梭 轴
6	Rotary Hook Shaft Bushing	04-5	轴 套
7	Porcelain Enameled Set Screw	M5×5	紧定螺钉
8	7.94mm Dia. Collar	04-6	挡 圈
9	Porcelain Enameled Set Screw	M4×6	紧定螺钉
10	Rotary Hook	HSB-7.94	旋 梭
11	Rotary Hook Set Screw		旋梭螺钉
12	Rotary Hook Support	04-1	定 位 杆
13	Rotary Hook Support Set Screw	M4×10	螺 钉
14	Bobbin		梭 芯
15	Bobbin Case		梭 芯 套
16	Needle Plate Hole Collar	04-7	衬 套
17	Needle Plate Hole Seal	04-31	针板盖片
18	Porcelain Enameled Set Screw	M3×4	紧定螺钉
19	Pan Head Screw	M3×6	螺 钉
20	Movable Knife	04-24	活动切刀
21	Countersunk Head Screw	M3×8	螺 钉

Ref.No	Description	Part No.	中文名称
22	Connecting Lever Pin	04-20	螺 钉
23	Connecting Stud	04-18	轴 夹
24	Hexagon Socket Head Cap Screw	M4×10	螺 钉
25	Joint	00-11	接 头
26	Hexagon Nut	00-12	左旋螺母
27	Hexagon Nut	M6	螺 母
28	Thread Trimming Shaft		剪 线 轴
29	Plain washer	4	垫 圈
30	Knife Drive Arm	04-21	切刀移动杆
31	Knife Connecting Lever	04-19	切刀连接板
32	Hexagon Nut	M3	螺 母
33	Hexagon Socket Head Cap Screw	M4×16	螺 钉
34	Needle Plate	04-3	针 板
35	Knife Base	04-22	切刀固定座
36	Hexagon Socket Head Cap Screw	M4×10	螺 钉
37	Fixed Knife	04-29	固定切刀
38	Knife Drive Shaft	04-23	切刀转动轴
39	Under Thread presser	04-28	底线夹圈
40	Pan Head Screw	M1.6×1.6	螺 钉
41	Plain Washer	1.6	垫 圈
42	Connecting Shaft Holder	04-25	支 承 板
43	Presser Bracket	04-43	底 板

Ref.No	Description	Part No.	中文名称
44	Hexagon Socket Head Cap Screw	M3×4	螺 钉
45	Porcelain Enameled Set Screw	M6×5	紧定螺钉
46	Bushing	04-38	转 套
47	Picker Connecting Stud	04-14	保持杆座
48	Wide Picker	04-15	上线保持杆
49	Solenoid Base	04-41	支 板
50	Solenoid	MCX01-34G	电 磁 铁
51	Countersunk Head Screw	M3×4	螺 钉
52	Stepped pin	04-40	螺 钉
53	Rotary Hook Base	04-2	梭 床
54	Interlocking Lever Pin	04-39	保持杆转动轴
55	Eccentric Stoooper	04-05	缓 冲 垫
56	Hexagon Socket Head Cap Screw	M3×10	螺 钉
57	Thread Trimming Shaft		剪 线 轴
58	Ball Bearing	60103	轴 承
59	Bearing Collar	04-10	轴 套
60	Rotary Hook Spacer	04-37	垫 圈

D

COLOR CHANGE SYSTEM



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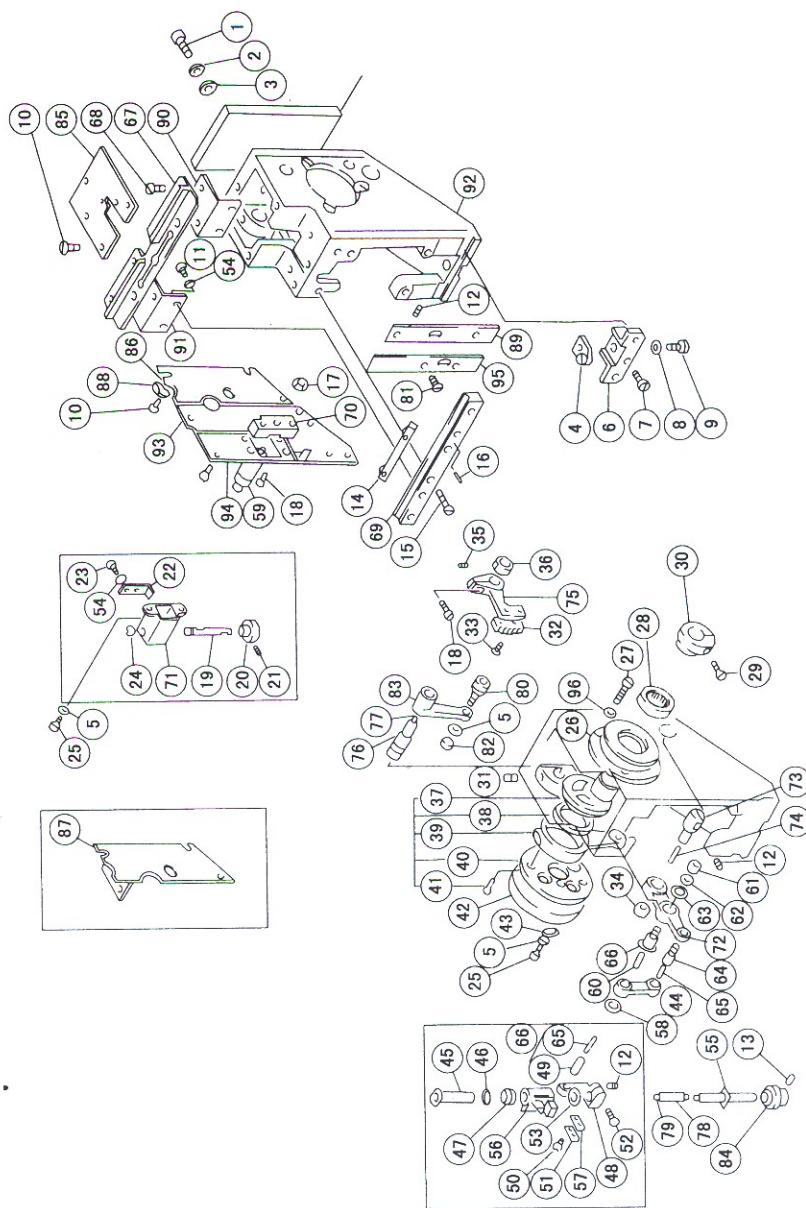
D

COLOR CHANGE SYSTEM

Ref. No	Description	Part No.	中文名称
1	Color Change Box	05-4	箱 体
2	Bolt	M8×30	螺 钉
3	Spring Washer	8	弹性垫圈
4	Plain Washer	8	垫 圈
5	Slide Boss	05-27	滑 动 体
6	Cam Pin	05-30	凸 轮 销
7	Cam Roller	05-29	滚 子
8	E Ring	4	挡 圈
9	Nut	M6	螺 母
10	Plain Washer	6	垫 圈
11	Color Change Cam	05-11	换色凸轮
12	Bolt	M6×10	螺 栓
13	Cam Shaft	05-5	凸 轮 轴
14	Shaft Bushing	05-10	轴 套
15	Guide Shaft	05-6	导 向 轴
16	Slide Shaft	05-28	滑 动 轴
17	Spring Washer	6	弹性垫圈
18	Plain Washer	3	垫 圈
19	Screw	M5×50	螺 钉
20	Spring Washer	5	弹性垫圈
21	Plain Washer	5	垫 圈

Ref.No	Description	Part No.	中文名称
22	Motor Gear	05-1	齿 轮
23	Screw	M4×6	螺 钉
24	Terminal Gear	05-14	齿 轮
25	Half Turn Drive Gear	05-13	齿 轮
26	Needle Position Gear	05-34	齿 轮
27	Half Turn Gear	05-16	齿 轮
28	Screw	M4×6	螺 钉
29	Half Turn Gear Bushing	05-15	轴 套
30	Switch Collar	05-18	码 环
31	Gear Pin	05-39	齿 轮 销
32	Nut	M8	螺 母
33	Limit Bushing	05-19	限 位 套
34	Needle Position PC Board	05-06	PC 板
35	Bolt	M14×16	螺 栓
36	Spring Washer	4	弹性垫圈
37	Plain Washer	4	垫 圈
38	PC Board Spacer A	05-8	垫 块
39	Cam Roller Sel		凸轮滚子组件
40	Cover	05-4	盖
41	Screw	M4×6	螺 钉
42	E Ring	05-36	挡 圈
43	Change Cover Bracket	05-2	支 架

Ref.No	Description	Part No.	中文名称
44	Linear Bearing	X122232T	直线轴承
45	Model Name Plate	05-20	商 标 牌
46	Screw	M4×6	螺 钉
47	Color Change Motor		电 动 机
48	Motor Gear Head		变 速 箱
49	Bolt Connecting Plate	05-22	连 接 盘
50	Screw	M4×6	螺 钉
51	Split Collar For Base	05-23	滑动轴座
52	Screw	M13×18	螺 钉
53	Roller Base	05-24	滚 柱 座
54	Screw	M3×6	螺 钉
55	Roller Base	05-26	滚 柱 销
56	Screw	05-25	滚 柱
57	Needle Position Indication Belt	05-01	标 志 带
58	Screw	M3×4	螺 钉



E

ARM

Ref. No	Description	Part No.	中文名称
1	Hexagon Socket Head Cap Screw	M8×32	螺 钉
2	Spring Washer	8	弹 垫
3	Plain Washer	8	垫 圈
4	Position Plate	06-10	定 位 板
5	Plain Washer	4	垫 圈
6	Positioning Base	06-11	定 位 座
7	Screw	M3×6	螺 钉
8	Plain Washer	4	垫 圈
9	Hexagon Socket Head Cap Screw	M4×12	螺 钉
10	Screw	M4×10	螺 钉
11	Hexagon Socket Head Cap Screw	M3×8	螺 钉
12	Hollow Set Screw	M4×6	螺 钉
13	Hollow Set Screw	M3×6	螺 钉
14	Slide Roller	06-02	滚 架 组
15	Flat Fillister Head Screw	M4×14	螺 钉
16	Spring Pin	4×16	销
17	Hexagon Nut	M4	螺 母
18	Hexagon Socket Head Cap Screw	M4×10	螺 钉
19	Clutch Pin	06-57	轴
20	Clutch Knuerled Screw	06-60	旋 钮
21	Hollow Set Screw	M3×5	螺 钉

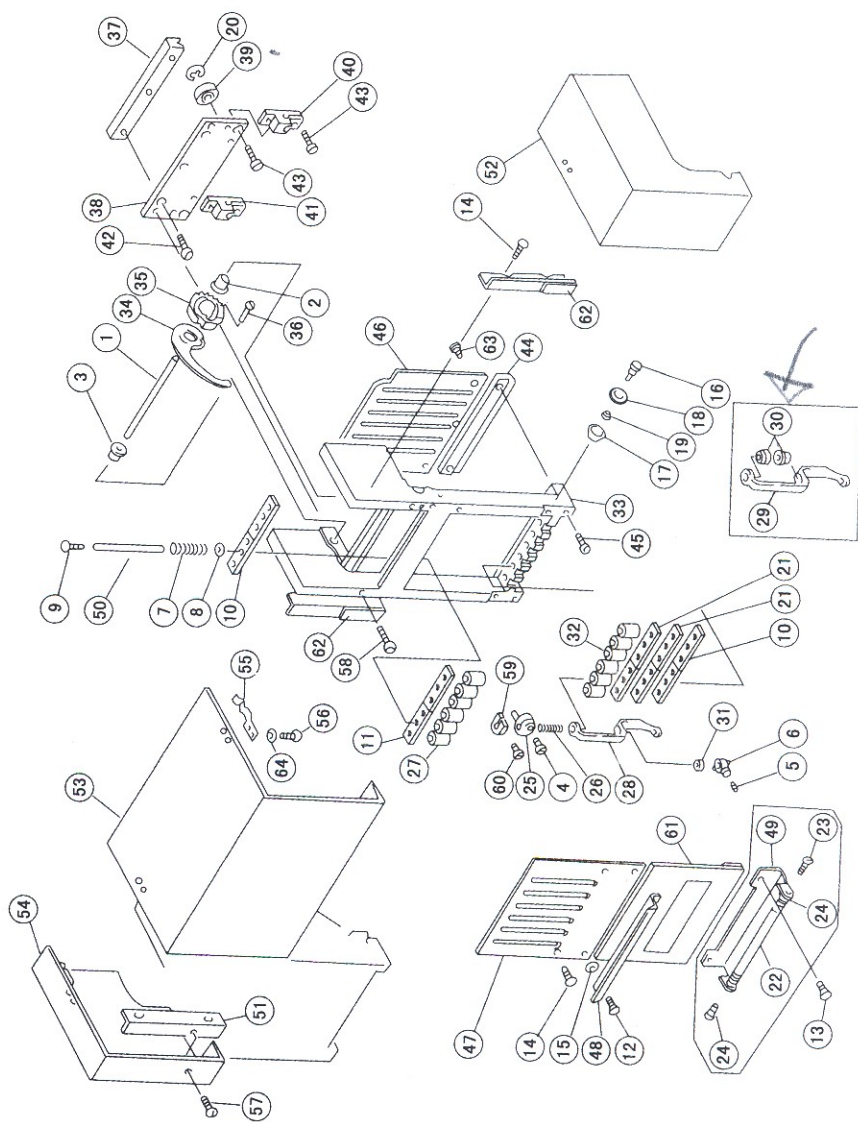
Ref.No	Description	Part No.	中文名称
22	Stopper Plate Spring	06-59	定位簧
23	Pan Head Screw	M3×3	螺 钉
24	E-ring	6	挡 圈
25	Hexagon Socket Head Cap Screw	M4×6	螺 钉
26	Bearing Case	06-23	轴 承 座
27	Hexagon Socket Head Cap Screw	M5×8	螺 钉
28	Ball Bearing	60104	轴 承
29	Hexagon Socket Head Cap Screw	M5×20	螺 钉
30	Needle Bar Cam Tightening Collar	06-24	夹 套
31	Flat Fillister Head Screw	M5×10	螺 钉
32	Take-up Lever Drive Gear	06-33	齿 轮
33	Pan Head Screw	M3×8	螺 钉
34	Shaft Bushing	06-46	轴 套
35	Hollow Set Screw	M4×6	螺 钉
36	Collar	06-42	挡 圈
37	Needle Bar Drive Cam	06-51	偏 心 轮
38	Needle Cage	K38418	轴 承
39	Connecting Rod	06-50	连 杆
40	Take-up Lever Cam Base	06-49	凸 轮 座
41	Countersunk Head Screw	M4×8	螺 钉
42	Take-up Lever Drive Cam	06-47	凸 轮
43	Cam Washer	06-48	垫 圈

Ref.No	Description	Part No.	中文名称
44	Needle Bar Drive Connecting Rod	06-13	驱动连杆
45	Needle Bar Drive Shift Bushing	06-40	滑 套
46	Jump Spring	06-34	扭 簧
47	Spring Cradle	06-66	轴 套
48	Needle Bar Reciprocator Slide Block	06-39	滑 块
49	No.4 Pin	06-37	轴
50	Flat Fillister Head Screw	M3×5	螺 钉
51	Stopper Bracket	06-35	垫 片
52	Flat Fillister Head Screw	M4×10	螺 钉
53	Needle Bar Reciprocator Spacer	06-67	垫 片
54	Plain Washer	M3	螺 母
55	Needle Bar Drive Shaft Felt	06-15	毡 垫
56	Needle Bar Reciprocator	06-010	驱 动 块
57	Stopper	06-36	挡 板
58	Connecting Rod Washer	06-65	垫 片
59	Jump Solenoid	MCX01-13G	电 磁 铁
60	Wick A	06-63	毛 毡
61	Hexagon Nut	M6	螺 母
62	Spring Washer	6	弹 垫
63	Plain Washer	6	垫 圈
64	No.3 Pin	06-45	传 动 轴
65	Wick B		毛 毡

Ref.No	Description	Part No.	中文名称
66	No.1 Pin	06-22	轴
67	Take-up Lever Guide Rail	06-3	导 向 板
68	Flat Fillister Head Screw	06-6	螺 钉
69	Arm Rail , Upper	06--5	导 轨
70	Solenoid Bracket	06-18	支 架
71	Solenoid Civer	06-58	离合器罩
72	Needle Bar Drive Lever Set	06-44	驱动杆组件
73	No. Pin	06-43	固 定 轴
74	Wick A		毛 毡
75	Take-up Lever Drive Lever B	06-32	传 动 杆
76	Take-up Lever Drive Lever Pin	06-17	偏 心 轴
77	Wick B		毛 毡
78	Needle Bar Drive Shaft	06-9	竖 轴
79	Needle Bar Drive Shaft Wick		毛 毡
80	Cam Roller Pin Set	06-55	滚 柱
81	Round Fillister Head Screw	M4×8	螺 钉
82	Hexagon Nut	M5	螺 母
83	Tack-up Lever Drive Lever A	06-53	传 动 杆
84	Needle Bar Drive Shaft Collar	06-08	滑 座
85	Arm Top Cover	06-1	上 罩
86	Arm Side Cover B	06-27	边 罩
87	Arm Side Cover B1	06-01	支 承 板

F

NEEDLE BAR CASE



F

COLOR CHANGE SYSTEM

Ref. No	Description	Part No.	中文名称
1	Take-up Lever Shaft	07-17	轴
2	Take-up Lever Positioning Bushing	07-23	右定位套
3	Take-up Lever Adjusting Bushing	07-18	左定位套
4	Screw	07-7	螺 钉
5	Needle Set Screw	07-10	螺 钉
6	Needle Clamp	07-04	针 箍
7	Needle Bar Holding Spring	07-4	上 弹 簧
8	Plain Washer	6	垫 圈
9	Holding Spring Set Screw	07-3	挡 钉
10	Felt Packing	07-13	毡 垫
11	Cushing Rubber B	07-52	毡 垫
12	Round Countersunk Head Screw	M3×5	螺 钉
13	Round Countersunk Head Screw	M4×6	螺 钉
14	Truss Head Screw	M4×6	螺 钉
15	Plain Washer	4	垫 圈
16	Thread Suspender Attaching Screw	07-14	轴 螺 钉
17	Thread Suspender Disk	07-46	悬 线 盘
18	Thread Suspender Spring Presser	07-40	簧 盖
19	Thread Suspender Spring	07-42	弹 簧
20	E-ring	3	挡 圈
21	Presser Foot Adjusting Rubber	07-14	衬 垫

Ref.No	Description	Part No.	中文名称
22	Thread Hook Spring	07-33	弹 簧
23	Pan Head Screw	M4×12	螺 钉
24	Hexagon Nut	M4	螺 母
25	Needle Bar Connecting Stud	07-16	针杆连接销
26	Presser Foot Spring C	07-9	下 弹 簧
27	Cushion Ring B	07-36	垫 块
28	Presser Foot Set		压脚组件
29	Presser Foot	07-11	压 脚
30	Presser Foot Bushing	07-53	衬 套
31	Cushion Ring A	07-54	垫 圈
32	Cushion Ring C	07-15	垫 块
33	Needle Bar Case	07-6	针 杆 箱
34	Take-up Lever	07-29	挑 线 杆
35	Take-up Lever Gear	07-28	齿 轮
36	Flat Fillister Head Screw	M3×10	螺 钉
37	Case Rail, Upper	07-22	导向槽板
38	Guide Roller Base	07-05	导向架组件
39	Ball Bearing	1000084	5 轴 承
40	Color Change Bracket R	07-21	右 杆 架
41	Color Change Bracket L	07-19	左 杆 架
42	Case Rail , Upper Set Screw	M5×25	螺 钉
43	Change Bracket Set Screw	M4×20	螺 钉

Ref.No	Description	Part No.	中文名称
44	Case Rail , Lower	07-12	导向挡板
45	Hexagon Socket Head Cap Screw	M5×20	螺 钉
46	Needle Bar Guide Rail	07-20	防转挡板
47	Top Cover	07-1	顶 盖
48	Face Plate Set	07-014	中过线杆
49	Lower Thread Guide	07-03	下过线杆组件
50	Needle Bar	07-02	针杆组件
51	Cover Attaching Bracket C	07-55	角铁
52	Front Cover A	00-68	右 端 罩
53	Front Cover B	00-66	罩
54	Front Cover C	00-67	左 端 罩
55	Cover Plate Spring	00-69	簧 片
56	Pan Head Screw	M3×3	螺 钉
57	Truss Head Screw	M4×8	螺 钉
58	Hexagon Socket Head Cap Screw	M4×20	螺 钉
59	Upper Dead Point Screw	07-24	限 位 夹
60	Flat Fillister Head	07-7	螺 钉
61	Face Plate	07-8	盖 板
62	Plate Magnet		磁 铁
63	Round Fillister Head Screw	M4×8	螺 钉
64	Plain washer	3	垫 圈



G Y—AXIS DRIVE SYSTEM

Ref. No	Description	Part No.	中文名称
1	Screw	M8×40	螺 钉
2	Spring Washer	8	弹 垫
3	Plain Washer	00-55	垫 圈
4	Driver Spacer	08-40	垫 板
5	Tension Base	08-56	安 装 板
6	Porcelain Enameled Set Screw	M6×10	紧定螺钉
7	Tension Rivet Plate	08-62	连 接 板
8	Countersunk Head Screw	M4×12	十字槽螺钉
9	Tension Bearing Case A	08-57	支 架
10	Hexagon Bolt	M5×25	六角头螺栓
11	Spring Washer	5	弹 垫
12	Plain Washer	5	平 垫
13	Tension Shaft	08-20	轴
14	Porcelain Enameled Set Screw	M4×8	紧定螺钉
15	Pulley Set		张紧轮组件
16	Tension—side Timing Puller	08-08	张 紧 轮
17	Needle Bearing	942/12	滚针轴承
18	Tension Spacer	08-67	垫 圈
19	Tension Plate	08-59	连 接 板
20	Hexagon Socket Head Cap Screw	M4×12	内六角螺钉
21	Plain Washer	4	平 垫

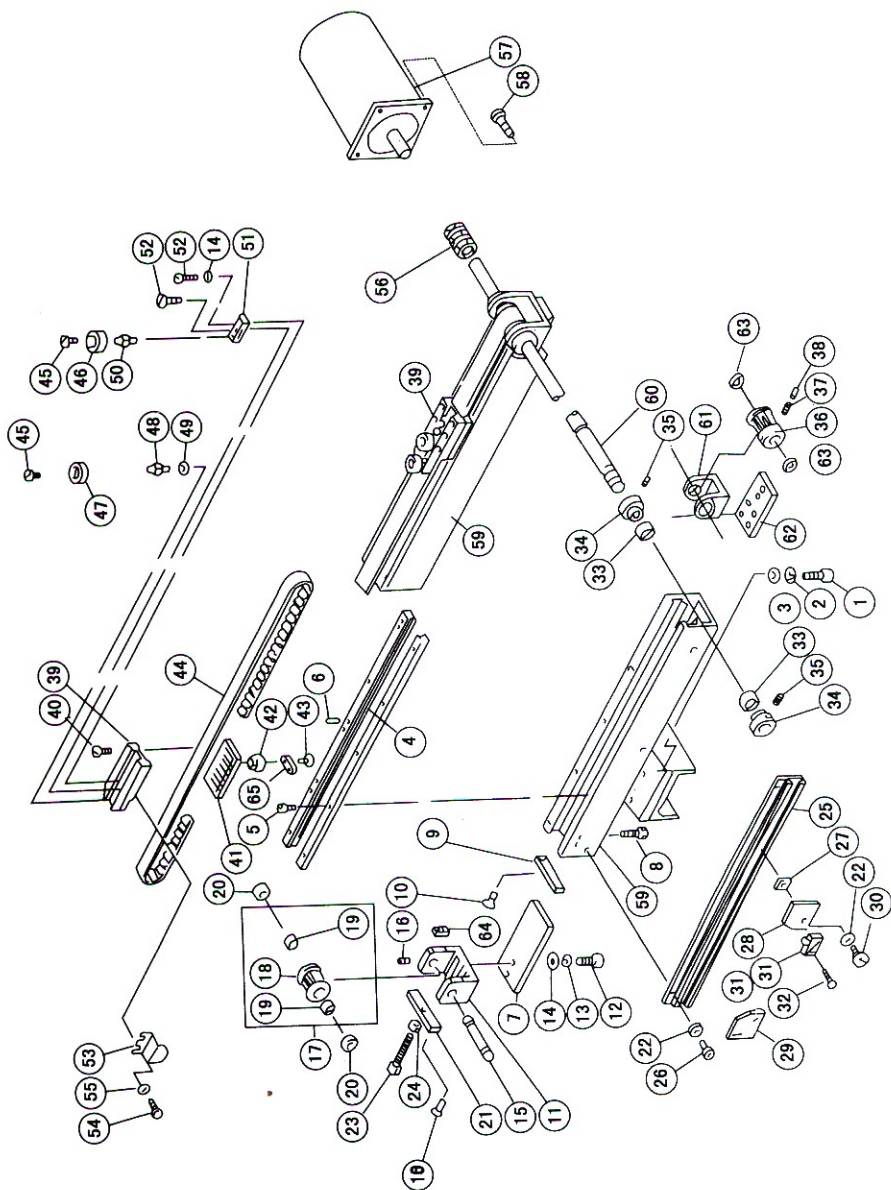
Ref.No	Description	Part No.	中文名称
22	Hexagon Bolt	08-58	螺 钉
23	Hexagon Nut	08-60	螺 母
24	Slide Base	08-8	滑 轨
25	Hexagon Socker Head Cap Screw	M4×10	内六角螺钉
26	Limit Switch Base R	08-03	右安装板
27	Limit Switch Base L	08-02	左安装板
28	Fixture Base	08-52	螺 板
29	Adjusting Knob	08-10	螺 钉
30	Limit Switch	W3-153E	限位开关
31	Pan Head Screw	M3×16	平头螺钉
32	Y-axis Frame Rail A	08-14	后左导轨
33	Y-axis Frame Rail B	08-14	后右导轨
34	Spring Pin	4×6	弹 性 销
35	Needle Collar	08-65	挡 圈
36	Porcelain Enameled Set Screw	M4×8	紧定螺钉
37	Ball Bearing	D80202	轴 承
38	Driver-side Timing Pulley	08-07	主 动 轮
39	Porcelain Enameled Set Screw	M8×10	紧定螺钉
40	Bolt Catcher Plate	08-01	齿形夹板
41	No.1 Roller Set		组合轴承
42	Roller Set Screw	M2.5×8	滚架组螺钉
43	Timing Belt		同步齿形带

Ref.No	Description	Part No.	中文名称
44	Y-axis Feed Plate Rear A	08-72	驱 动 架
45	Flat Fillister Head Screw	M4×12	平头螺钉
46	Presser Roller Base	08-75	滑 块
47	Hexagon Socket Head Cap Screw	M5×14	内六角螺钉
48	Fixing Roller Presser Screw	08-68	螺 钉
49	Plastic Roller Set	08-69	轮
50	Plastic Roller	08-71	驱 动 轮
51	Plastic Roller Pin	08-17	驱动轮轴
52	Roller Pin Spacer	08-70	垫 圈
53	Presser Roller Pin	08-73	轴
54	Y-axis Driver Connecting Plate	08-11	牵引型板
55	Countersunk Head Screw	M5×14	螺 钉
56	Shaft	08-46	轴
57	Y-axis Driver Plate Front	08-47	板
58	Roller Washer	08-28	垫 圈
59	Roller Guide	08-22	连 接 片
60	Round Fillister Head Screw	M2.5×8	沉头螺钉
61	Y-axis Rail Front R	08-25	前右导轨
62	Y-axis Rail Front L	08-25	前左导轨
63	Hexagon Socket Head Cap Screw	M4×12	内六方螺钉
64	Rail Spacer	08-24	垫 块
65	Front Rail Holder	08-23	托 板

Ref.No	Description	Part No.	中文名称
66	Round Head Screw	ST2.9×16	自攻螺钉
67	Dog Base	08-9	限位挡板
68	Hexagon Bolt		螺 钉
69	Plain Washer		垫 圈
70	Roller Washer	08-66	垫 圈
71	N-coupling	08-76	轴 套
72	Y-axis Motor Base	08-2	角 座
73	Hexagon Socket Head Cap Screw	M8×35	内六方螺钉
74	Motor Base Spacer	08-39	垫 块
75	Hexagon Nut	M8	螺 母
76	Y-axis Pulse Motor		Y 轴步进电机
77	Hexagon Socket Head Cap Screw	M8×25	内六方螺钉
78	Y-axis Drive Frame A	08-16	传动带座
79	Y-axis Drive Shaft A	00-121	轴 A
80	Y-axis Drive Shaft B	00-122	轴 B
81	Case	08-63	支 架
82	Case Base	08-64	安 装 板

X-AXIS DRIVE SYSTEM

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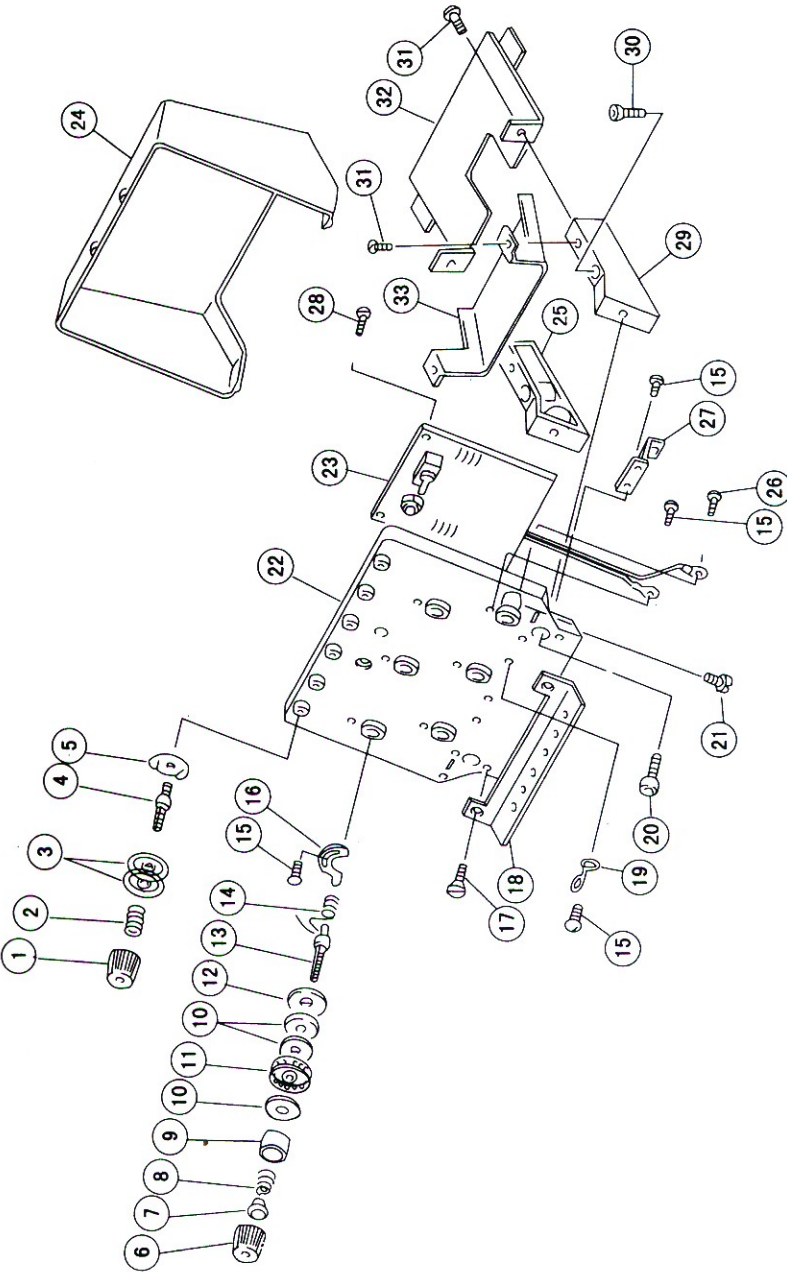
X-AXIS DRIVER SYSTEM

Ref. No	Description	Part No.	中文名称
1	Hexagon Socket Head Cap Screw	M8×35	内六角螺钉
2	Spring Washer	8	弹 垫
3	Plain Washer	00-55	垫 圈
4	X-axis Frame Rail	09-8	X 轴导轨
5	Hexagon Socket Head Cap Screw	M4×12	内六角螺钉
6	Spring Pin	4×16	弹 性 销
7	Tension Base	09-36	安 装 板
8	Hexagon Bolt	M5×16	六角螺栓
9	Tension Rivet Plate	09-39	连 接 板
10	Countersunk Head Screw	M4×12	十字槽螺钉
11	Tension Bearing Case B	09-18	支 架
12	Hexagon Bolt	M5×25	六角螺栓
13	Spring Washer	5	弹 垫
14	Plain Washer	5	平 垫
15	Tension Shaft	09-35	轴
16	Porcelain Enameled Set Screw	M4×8	紧定螺钉
17	Tension-side Timing Pulley Set		张紧轮组件
18	Tension-side Timing Pulley	09-06	张 紧 轮
19	Needle Bearing	942/12	滚针轴承
20	Tension Spacer	08-67	垫 圈
21	Tension Plate	09-38	连 接 板

Ref.No	Description	Part No.	中文名称
22	Plain Washer	4	平 垫
23	Hexagon Bolt	08-58	螺 钉
24	Hexagon Nut	M6	六角螺母
25	Slide Base	09-10	滑 轨
26	Hexagon Socket Head Screw	M4×10	内六角螺钉
27	Fixture Base	08-52	螺 板
28	Limit Switch Base R	08-03	右安装板
29	Limit Switch Base L	08-02	左安装板
30	Adjusting Knob	08-10	螺 钉
31	Limit Switch	W3-153E	限位开关
32	Pan Head Screw	M3×16	平头螺钉
33	Ball Bearing	D80202	轴 承
34	Needling Collar	08-65	挡 圈
35	Porcelain Enameled Set Screw	M4×8	紧定螺钉
36	Driver-side Timing Pulley	09-05	主 动 轮
37	Porcelain Enameled Set Screw	M6×10	紧定螺钉
38	Porcelain Enameled Set Screw	M8×10	紧定螺钉
39	X-axis Feed plate A	09-19	驱 动 架
40	Flat Fillister Head Screw	M4×12	螺 钉
41	Belt Catcher Plate	09-08	齿形夹板
42	Roller Set		组合轴承
43	Roller Set Screw	M2.5×8	滚子组螺钉

Ref.No	Description	Part No.	中文名称
44	Timing Belt		同步齿形带
45	Fixing Roller Presser Screw	08-68	螺 钉
46	Plastic Roller Set	08-69	轮
47	Plastic Roller	08-71	驱 动 轮
48	Plastic Roller Pin	08-17	驱动轮轴
49	Roller Pin Spacer	08-70	垫 圈
50	Presser Roller Pin B	08-73	轴
51	Presser Roller Base	08-75	滑 块
52	Hexagon Socket Head Cap Screw	M5×14	螺 钉
53	L. S Dog Base	08-9	限位挡板
54	Hexagon Bolt	M4×10	六角螺栓
55	Plain Washer	4	垫 圈
56	Coupling	08-76	轴 套
57	X-axis Pulse Motor		X 轴步进电机
58	Hexagon Socket Head Cap Screw	M8×25	内六角螺钉
59	X-axis Drive Shaft	09-1	传动带座
60	X-axis Drive Shaft	09-6	轴
61	Tension Shaft Holder	09-17	支 架
62	Tension Base	09-37	安 装 板
63	Tension Spacer	08-66	垫 圈
64	Rivet Plate	09-34	挡 板
65	Roller Guide	08-22	连 接 片

TENSION BASE

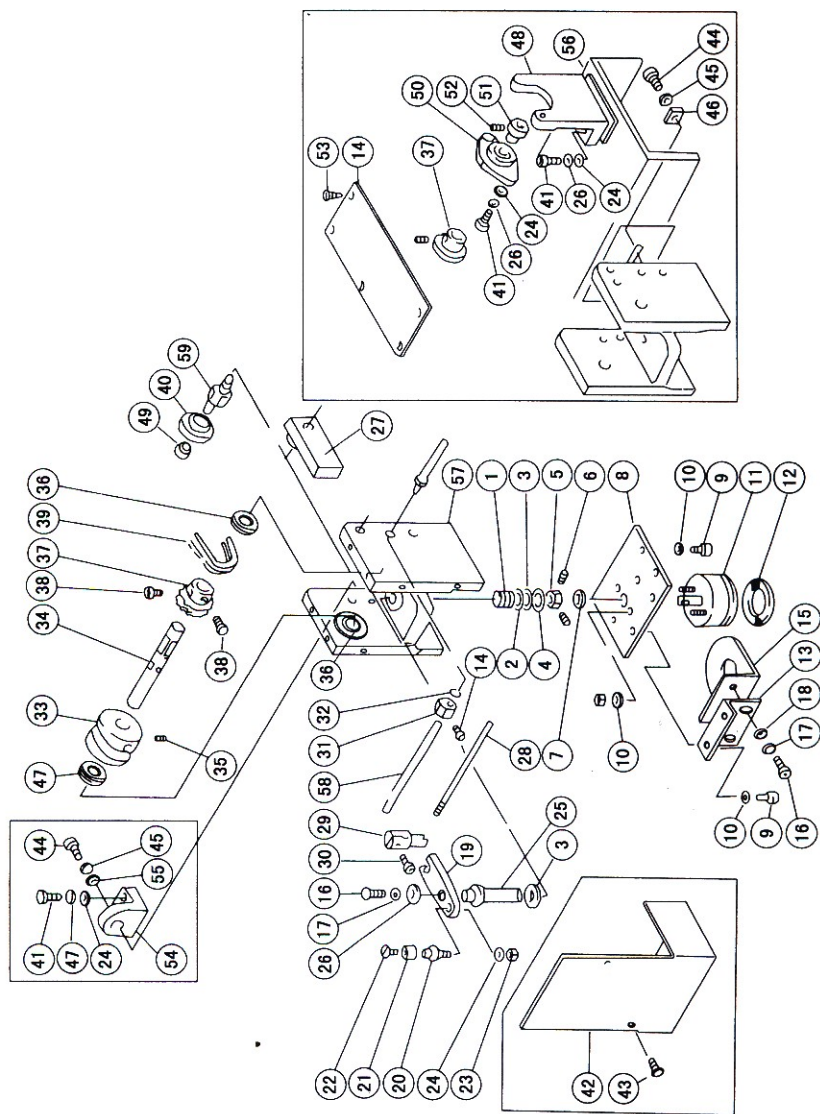


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TENSION BASE

Ref. No	Description	Part No.	中文名称
1	Tension Regulator	10-013	旋 钮
2	Tension Spring	10-26	导线弹簧
3	Tension Disk	10-27	夹 线 板
4	Tension Stud	10-25	夹 线 钉
5	Tension Thread Course	10-28	过 线 板
6	Adjusting Screw	10-010	旋 钮
7	Spring Hook	10-18	调 节 钮
8	Tension Spring	10-21	夹线塔簧
9	Tension Collar	10-22	松 线 板
10	Fell Packing	10-23	毡 垫
11	Rotary Tension Disk	Y0025-A	张紧盘组件
12	Insulation Plate	10-24	绝 缘 板
13	Tension Stud	10-19	夹 线 杆
14	Thread Take-up Spring	10-20	挑 线 簧
15	Truss Head Screw	M3×8	螺 钉
16	Detecting Contact Point	10-88	触 片
17	Round Countersunk Head Screw	M3×12	螺 钉
18	Tension Base Lower Thread Guide	10-14	导 线 板
19	Tension Spring	10-91	过线弹簧
20	Hexagon Socket Head Cap Screw	M4×10	螺 钉
21	Flat Fillister Head Screw	M4×6	螺 钉

CAM DRIVER SET



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CAM DRIVE SET

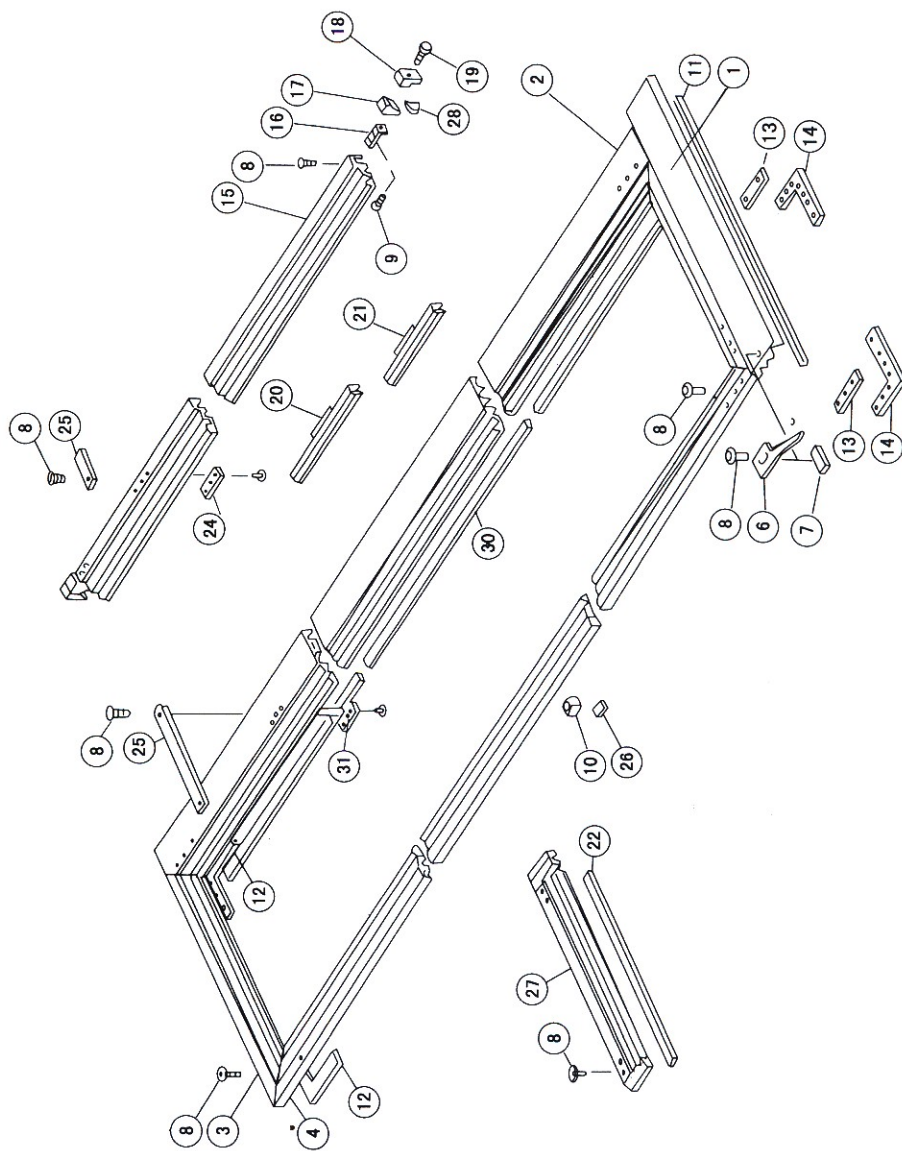
Ref. No	Description	Part No.	中文名称
1	Cam Roller Return Spring	11-19	弹 簧
2	Washer	11-13	垫 圈
3	Cushion Washer	11-8	垫 圈
4	E-Ring	12	挡 圈
5	Needle Collar	11-23	挡 圈
6	Porcelain Enameled Set Screw	M5×6	螺 钉
7	Cushion Washer B	11-24	橡 胶 垫
8	Solenoid Base	11-25	底 板
9	Hexagon Socket Head Cap Screw	M5×16	螺 钉
10	Spring Washer	5	弹簧垫圈
11	Thread Trimming Solenoid	MCX01-59T	电 磁 铁
12	Solenoid Cushion	11-28	毡 垫
13	Plunger Bracket	11-30	支 承 板
14	Plate	11-7	盖 板
15	Plunger Bracket	11-29	托 板
16	Hexagon Socket Head Cap Screw	M4×12	螺 钉
17	Spring Washer	4	弹 簧
18	Plain Washer	4	垫 圈
19	Cam Lever	11-16	拨 叉
20	Cam Pin	11-17	圈 销
21	Cam Roller	11-15	凸 轮 环

Ref.No	Description	Part No.	中文名称
22	Lid Screw	11-14	螺 钉
23	Hexagon Nut	M6	螺 母
24	Plain Washer	6	垫 圈
25	Lever Support Pin	11-20	支 承 销
26	Spring Washer	6	垫 圈
27	Tension	11-9	支 架
28	Guide Pin	11-22	导 向 轴
29	Lever Drive Pin	11-10	传 动 轴
30	Hexagon Socket Head Cap Screw	M5×20	螺 钉
31	Cushion Connection Stud	11-11	轴 挡
32	O-Ring	10×2.56	O 形 圈
33	Cam	11-3	凸 轮
34	Cam Shaft	11-2	凸 轮 轴
35	Porcelain Enameled Set Screw	M8×16	螺 钉
36	Thrust Bearing Set	7942/15	轴 承
37	15mm Dia. Sprocket	11-4	链 轮
38	Hexagon Socket Head Cap Screw	M6×8	螺 钉
39	Roller, Chain	04C-2×66	链 条
40	Tension Sprocket	11-26	张 紧 轮
41	Hexagon Socket Head Cap Screw	M6×25	螺 钉
42	Cam Base Cover	11-21	盖 板
43	Truss Head Screw	M5×10	螺 钉

Ref.No	Description	Part No.	中文名称
44	Hexagon Socket Head Cap Screw	M8×30	螺 钉
45	Spring Washer	8	弹簧垫圈
46	Slant Washer	8	斜 垫 圈
47	Ball Bearing	8102	轴 承
48	Rotary Hook Shaft Holder	11-6	支 架
49	Needle Bearing	7942/10	滚针轴承
50	Rotary Hood Base Shaft Holder	11-5	轴 承 架
51	15mm Dia. Needle Collar	04-10	轴 套
52	Porcelain Enameled Set Screw	M6×8	螺 钉
53	Countersunk Head Wood Screw	ST2.9×16	螺 钉
54	Cam Base Bracket	11-8	支 架
55	Plain Washer	8	垫 圈
56	Spacer		调 整 垫
57	Support Base	11-1	箱 体
58	Shaft	11-12	连 动 轴
59	Shaft	11-27	轴

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EMBROIDERY FRAME

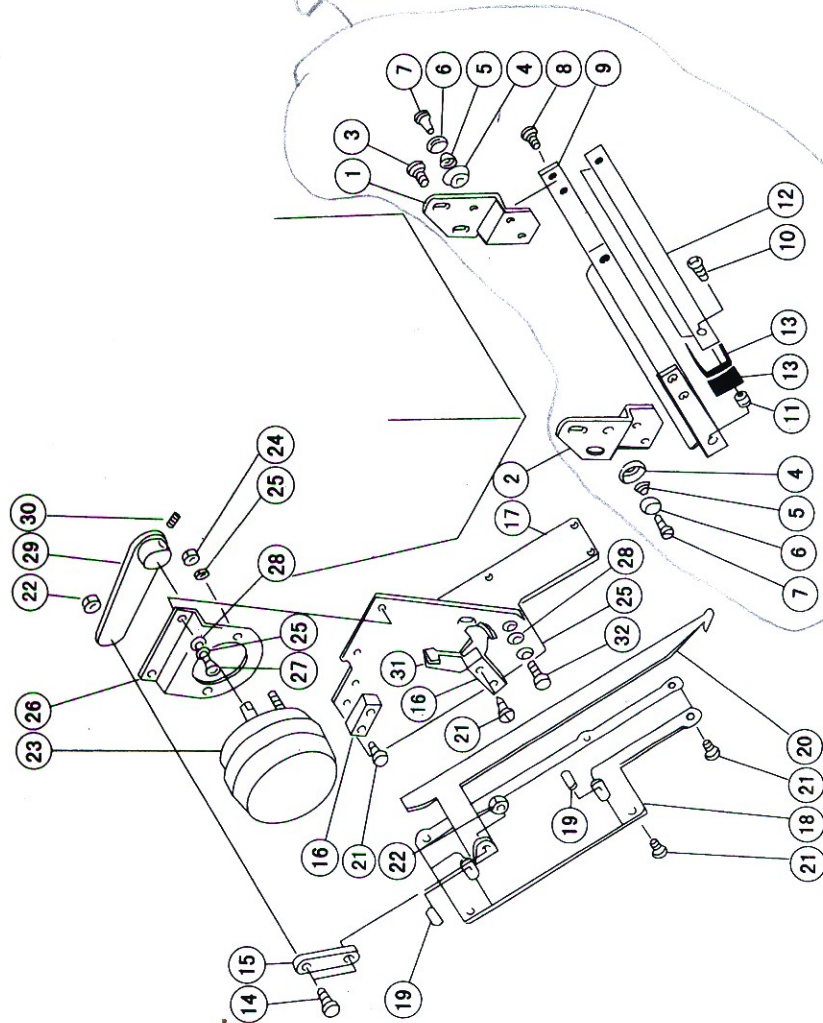


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EMBROIDERY FRAME

Ref. No	Description	Part No.	中文名称
1	Frame Sash Lengthwise	12-22	右 梁
2	Frame Sash Rear	12-8	后 梁
3	Frame Sash Lengthwise	12-16	左 梁
4	Frame Sash Front	12-19	前 梁
5	Spacer	12-51	垫 片
6	Embroidery Space Indicator	12-23	指 针
7	Embroidery Space Indicator Plate Nut	12-44	螺 母
8	Truss Head Screw	12-43	螺 钉
9	Hexagon Socket Head Cap Screw	M3×8	内六方螺钉
10	No.1 Felt	12-26	支 承 块
11	No.3 Felt	12-42	毡 垫
12	Counter Gear Box-Side Corner	12-1	角 铁
13	Main Gear Box-Side Spacer	12-56	垫 片
14	Main Gear Box-Side Corner	12-5	角 铁
15	Middle Sash	12-18	中 间 梁
16	Inner Frame Attachment	12-12	弯 板
17	Inner Frame Attachment A	12-13	内 夹 块
18	Inner Frame Attachment B	12-14	外 夹 块
19	Hexagon Socket Head Cap Screw	M4X16	内六方螺钉
20	Border Frame Clip(long)	12-04	布 夹
21	Border Frame Clip(short)	12-05	布 夹

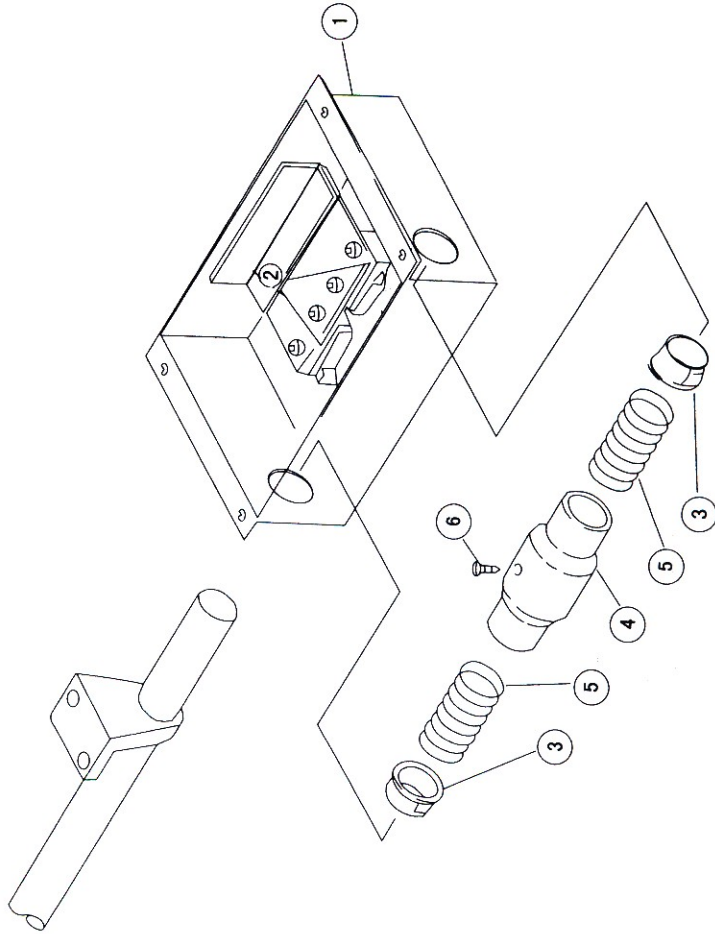


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L UPPER THREAD HOLDER SET

Ref. No	Description	Part No.	中文名称
1 .	Upper Thread Holder Bracket R	07-39	右 支 架
2	Upper Thread Holder Bracket L	07-47	左 支 架
3 •	Truss Head Screw	M4×6	螺 钉
4 ••	Thread Suspender Disk	07-46	悬 线 盘
• 5 ••	Thread Suspender Spring	07-42	弹 簧
6 ••	Thread Suspender Spring Presser	07-40	簧 盖
7 ••	Thread Suspender Attaching Screw	07-41	轴 螺 钉
8 •	Pan Head Screw	M3×5	螺 钉
9 •	Thread Presser Dace	07-45	下 夹
10 •	Pan Head Screw	M3×10	螺 钉
11 •	Thread Presser Spacer	07-43	衬 套
12 .	Thread Presser Lid	07-44	上 夹
13 ••	Velcro	07-48	尼龙搭扣
14	Lever Connect Pin	13-7	螺 钉
15	Arm Connecting Rod	13-6	连 杆
16	Arm Cushion	13-8	限 位 板
17	Assembly Base	13-4	角 板
18	Base Lid	13-2	底 座
19	Hook Cushion	13-3	缓 冲 垫
20	Upper Thread Hook	13-1	上 线 勾
21	Pan Head Screw	M3×8	螺 钉



M

BAR SWITCH BOX

Ref. No	Description	Part No.	中文名称
1	Bar Switch Box	00-01	手动开关箱
2	Limit Switch	JWL1-11	微动开关
3	Bushing	00-31	导 向 套
4	L. S Dog	00-35	开关撞块
5	Return Spring	00-34	弹 簧
6	Porcelain Enameled Set Screw	M5×10	紧定螺钉