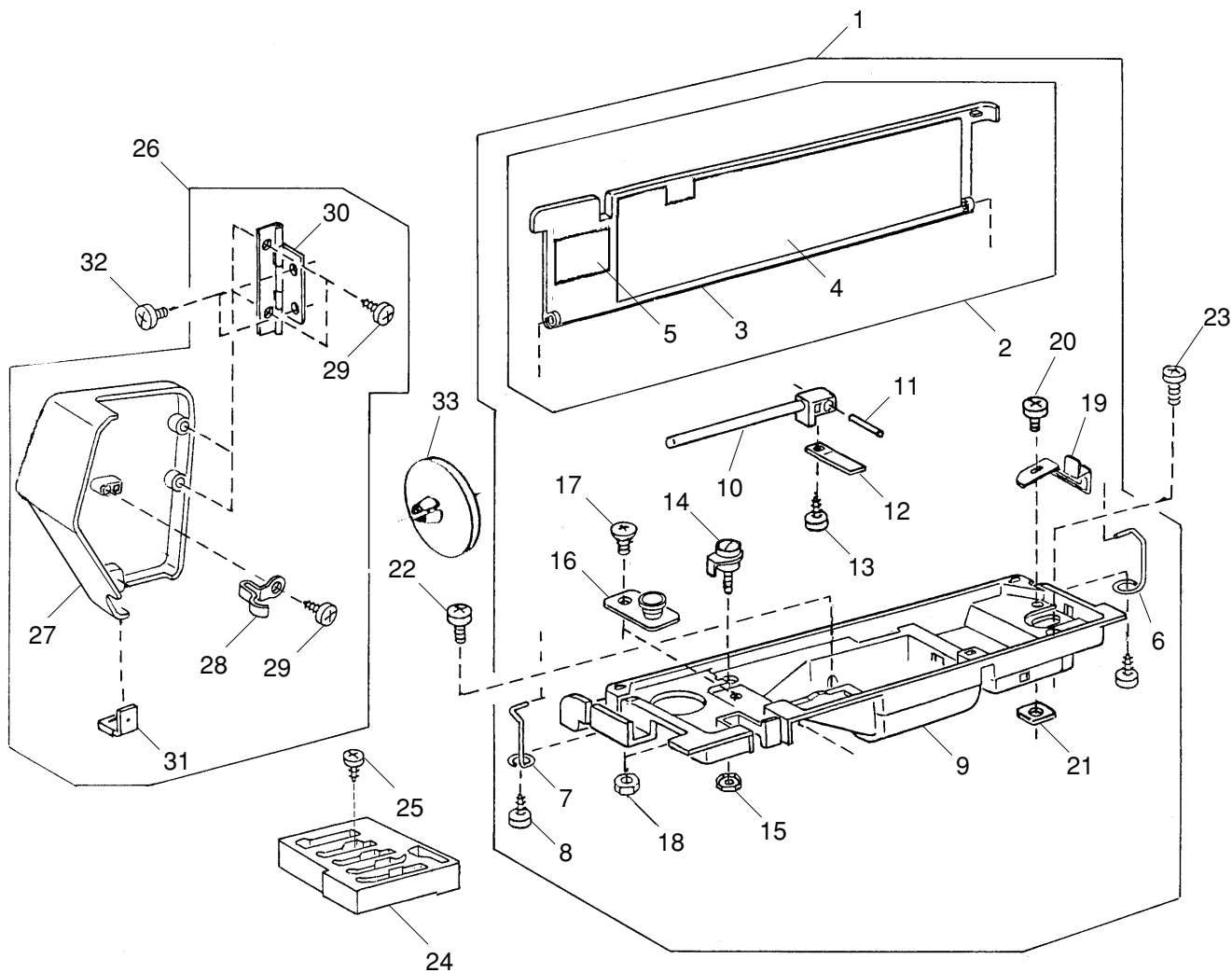


PARTS LIST
—MODEL 23XE—

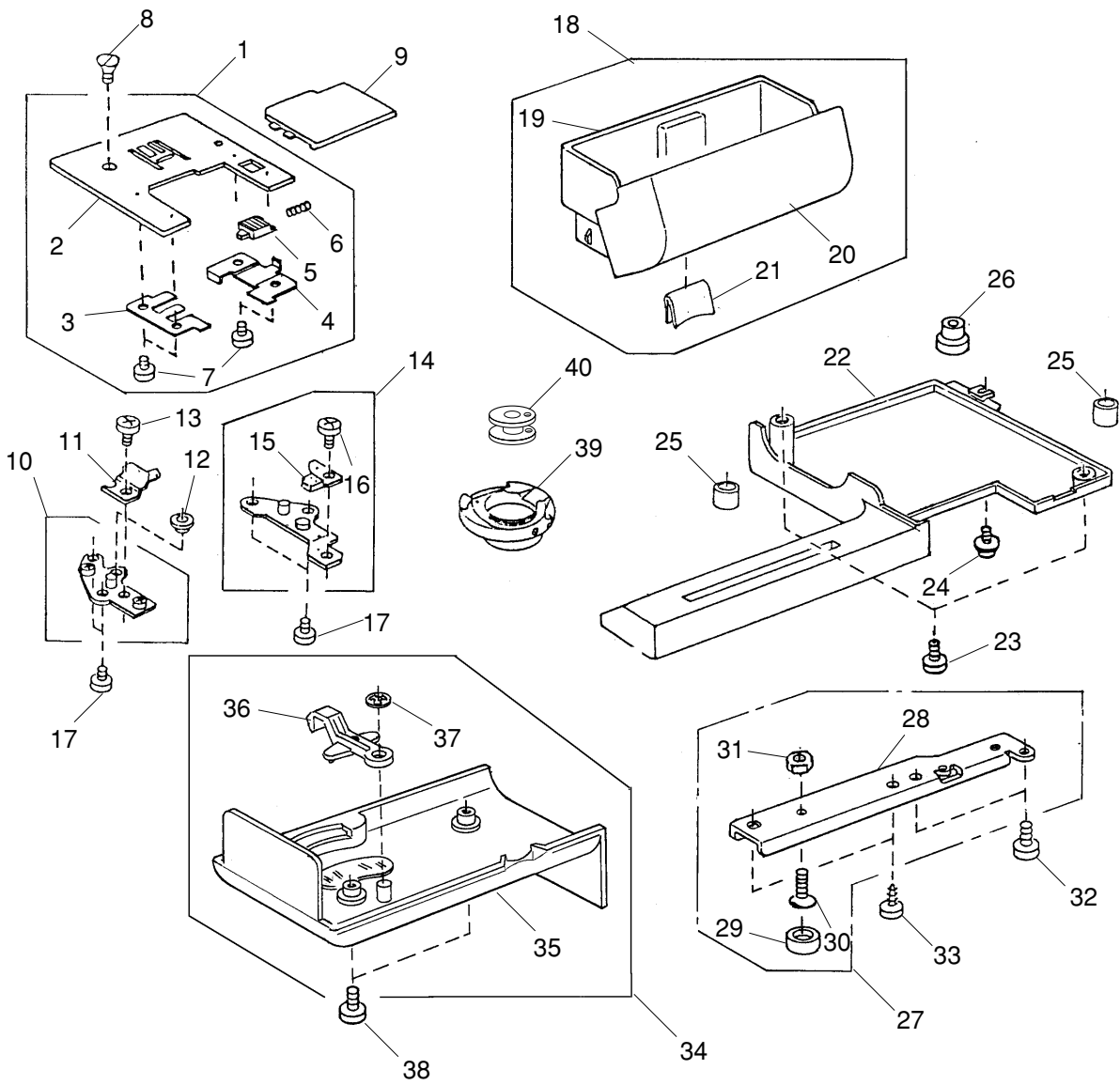
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	753604887	TOP COVER (UNIT)
2	753605981	TOP COVER (UNIT)
3	753012000	TOP COVER
4	753013104	FLIP-TOP SEWING INSTRUCTION PANEL
5	753154005	BH STICKER
6	753014002	HINGE ROD (RIGHT)
7	753129001	HINGE ROD (LEFT)
8	000120203	TAPPING SCREW 3X8B
9	753015003	TOP COVER BODY
10	822016609	SPOOL PIN
11	822017002	PIN
12	822018003	SPRING
13	000107318	TAPPING SCREW 3X8B
14	730501011	BOBBIN WINDER THREAD GUIDE (UNIT)
15	000160102	ADJUSTABLE NUT 4
16	753502002	TOP COVER THREAD GUIDE BASE (UNIT)
17	693093006	SETSCREW
18	000062701	NUT
19	687022005	BOBBIN WINDER STOPPER
20	000066727	SETSCREW 3X8
21	630005006	NUT
22	000170507	SETSCREW 4X12
23	000080901	SETSCREW 4X25
24	686016302	FOOT CONTAINER
25	000120214	TAPPING SCREW 3X8B
26	753662300	FACE COVER (UNIT)
27	753017061	FACE COVER
28	650025004	FACE COVER SPRING
29	000076502	SET SCREW 3X8
30	366501102	FACE COVER HINGE
31	840602006	THREAD CUTTER (UNIT)
32	000081119	SETSCREW 4X6
33	822020503	SPOOL HOLDER (LARGE)

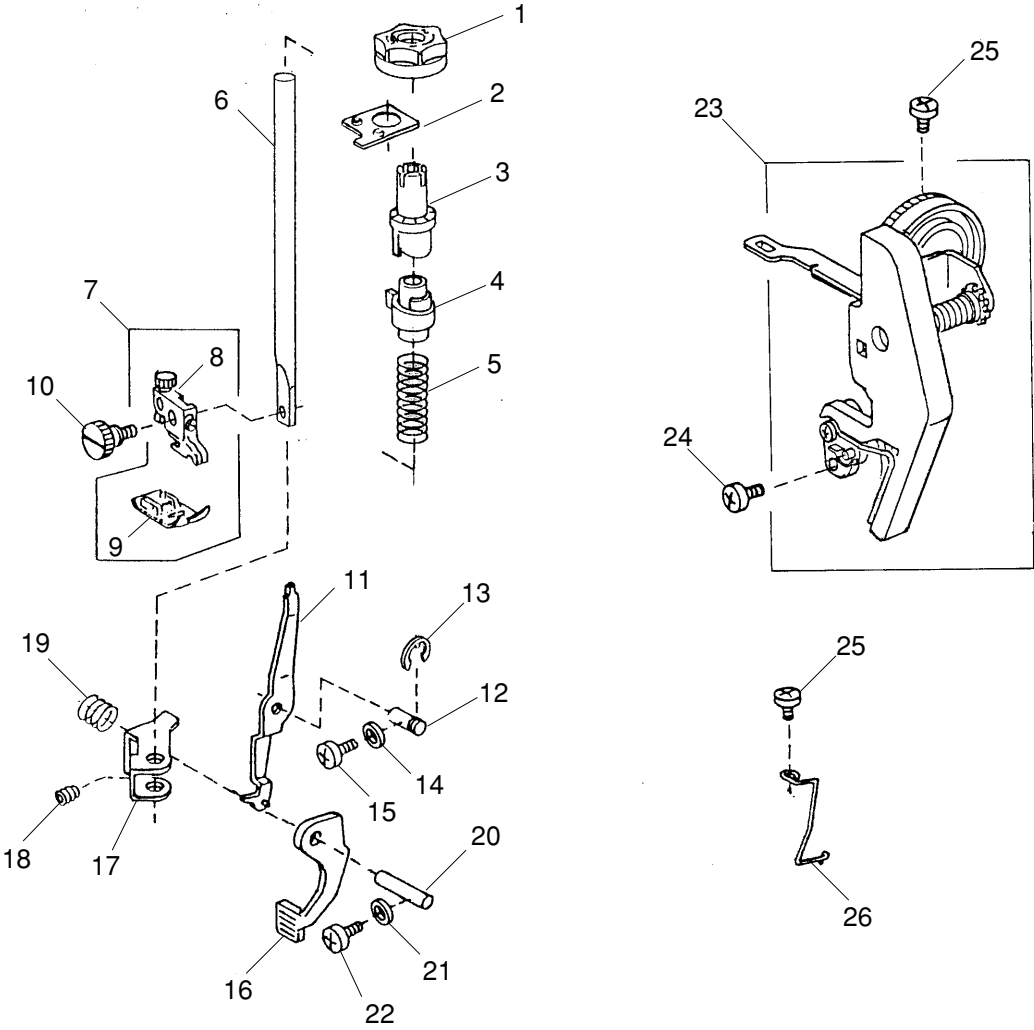
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	754636102	NEEDLE PLATE (UNIT)
2	754052108	NEEDLE PLATE
3	825014008	HOOK COVER PLATE HOLDER (LEFT)
4	825015010	HOOK COVER PLATE HOLDER (RIGHT)
5	825016000	HOOK COVER PLATE RELEASE BUTTON
6	825017001	HOOK COVER PLATE HOLDER SPRING
7	820374004	SET SCREW 2X2.3
8	820390109	NEEDLE PLATE SET SCREW
9	750036012	HOOK COVER PLATE
10	650602001	NEEDLE PLATE ADJUSTING PLATE (LEFT)
11	822011109	BOBBIN HOLDER STOPPER
12	822314002	NUT
13	000103808	SET SCREW 3X5
14	650603002	NEEDLE PLATE ADJUSTING PLATE (RIGHT)
15	627567001	SHUTTLE HOOK STOPPER (UNIT)
16	810220003	SET SCREW
17	000107503	TAPPING SCREW 4X6
18	753526002	EXTENSION TABLE (UNIT)
19	753006001	EXTENSION TABLE
20	753007002	EXTENSION TABLE LID
21	686010007	EXTENSION TABLE SPRING
22	753003019	BASE
23	000081005	SET SCREW 4X8
24	000115205	TP SCREW 4X6
25	647009002	BED RUBBER CUSHION
26	735003002	RUBBER BASE
27	753641004	ARM SOLE (UNIT)
28	753002007	ARM SOLE
29	735002001	RUBBER CUSHION
30	000097303	FLAT SCREW 5X20
31	000061319	NUT
32	000066808	SET SCREW 6X14
33	000075604	TAPPING SCREW 4X12
34	753601002	BED COVER (UNIT)
35	652005107	BED COVER
36	753005000	DROP FEED LEVER
37	000013903	SNAP RING CS-5
38	000101703	SET SCREW 4X12
39	627569106	BOBBIN HOLDER UNIT W/MARKING
40	102261000	BOBBIN

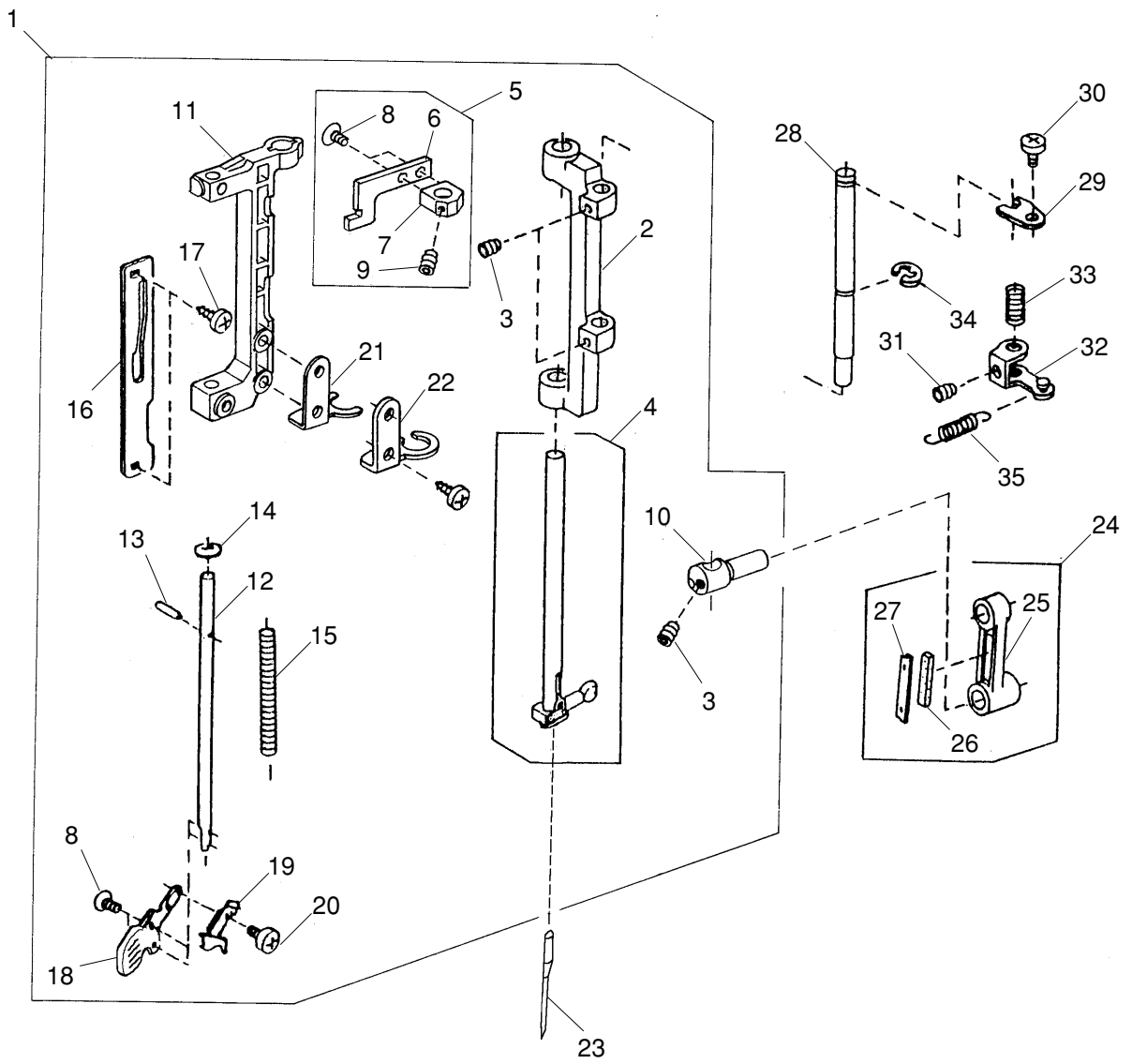
PARTS LIST



PARTS LIST

KEY NO.	PARTS NO.	DESCRIPTION
1	822065201	PRESSER DIAL
2	824009007	PRESSER ADJUSTING CAM HOLDER
3	686027007	PRESSER ADJUSTING CAM (1)
4	686028008	PRESSER ADJUSTING CAM (2)
5	102801008	PRESSER BAR
6	815023009	PRESSER BAR SPRING
7	825509038	PRESSER FOOT (UNIT)
8	804509000	FOOT HOLDER
9	825510032	PRESSER FOOT
10	647112009	THUMB SCREW
11	652146008	THREAD TENSION RELEASE LEVER
12	652042003	THREAD TENSION RELEASE LEVER PIN
13	000001609	SNAP RING E-5
14	671060006	WASHER
15	000081005	SET SCREW 4X8
16	652145007	PRESSER FOOT LIFTER
17	686074009	PRESSER BAR BRACKET
18	000111108	SOCKET SCREW 4X6
19	102222009	DARNER SPRING
20	822072005	PRESSER BAR LIFTER PIN
21	000072302	WASHER
22	000103509	SET SCREW 4X10
23	753503003	THREAD TENSION DIAL (UNIT)
24	000101703	SET SCREW 4X12
25	000101404	SET SCREW 4X6
26	652137006	ARM THREAD GUIDE (2)

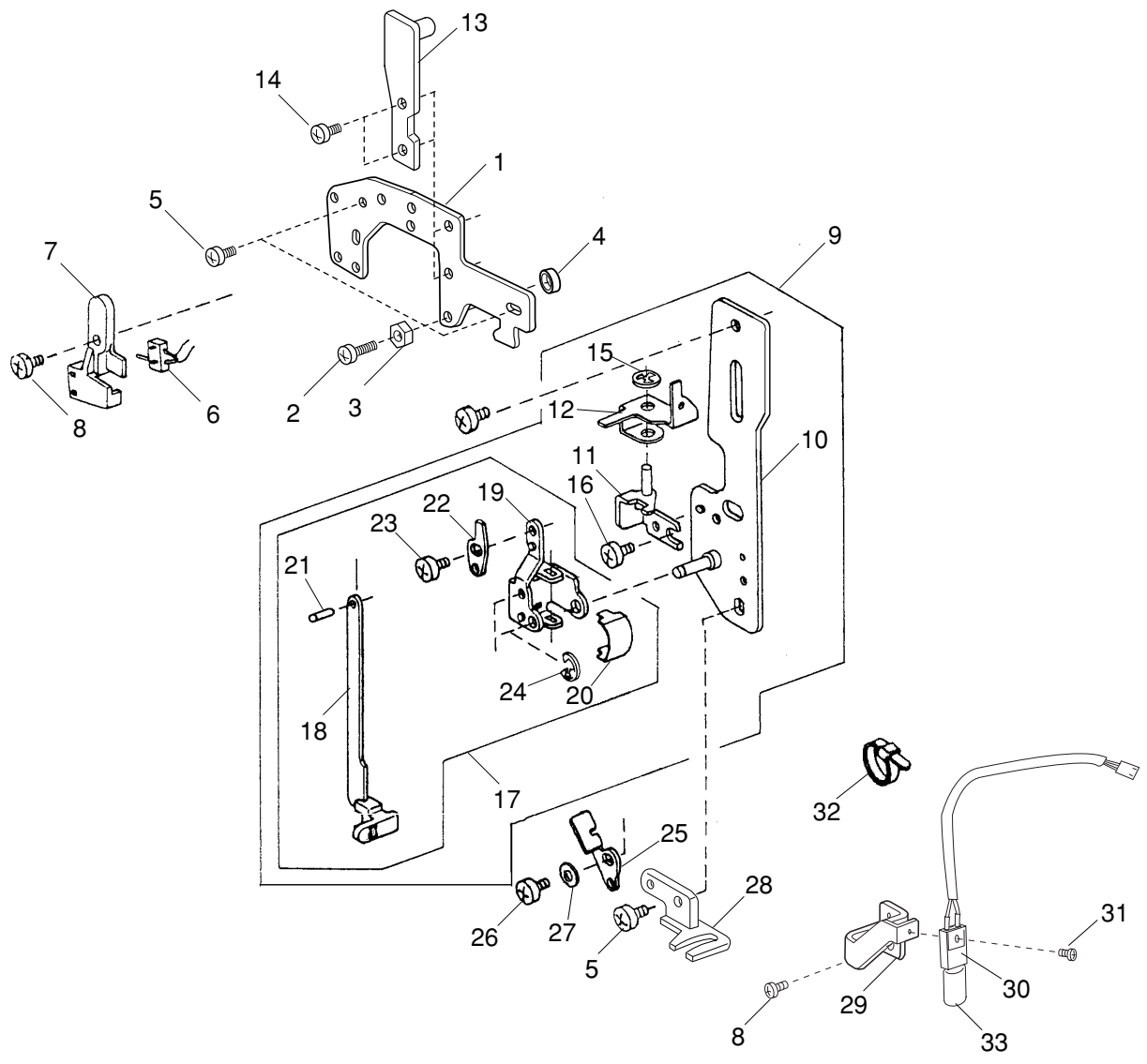
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	751606034	NEEDLE BAR SUPPORTER (UNIT)
2	751014006	NEEDLE BAR SUPPORTER
3	000111201	SOCKET SCREW 4X4
4	751630004	NEEDLE BAR UNIT
5	751607002	THREADER POSITION SET PLATE (UNIT)
6	734101008	THREADER POSITION SET PLATE
7	751016008	THREADER POSITION SET HOLDER
8	000097602	SET SCREW 2X4
9	000111902	SOCKET SCREW 3X4
10	751047008	NEEDLE BAR CONNECTING STUD
11	751017009	THREADER FRAME
12	751018000	THREADER BAR
13	000122906	PIN
14	734107004	HOLDING PLATE
15	827091005	THREADER BAR SPRING
16	653036029	THREADER GUIDE PLATE
17	000161206	SET SCREW 3X10B
18	834015007	THREADER LEVER
19	734515009	THREADER PLATE (UNIT)
20	000105501	SET SCREW 1.6X2.5
21	751101001	THREADER FRAME SPRING
22	751019001	THREADER FRAME (LOWER)
23	102408089	NEEDLE
24	650607006	NEEDLE BAR CRANK ROD (UNIT)
25	650039001	NEEDLE BAR CRANK ROD
26	650040005	FELT
27	650041006	FELT HOLDER SPRING
28	650033005	SUPPORTER SHAFT
29	650034006	SUPPORTER SHAFT SET PLATE
30	000101404	SET SCREW 4X6
31	000111108	SOCKET SCREW 4X6
32	650035007	ZIGZAG WIDTH CRANK
33	650036008	SPRING
34	000001609	SNAP RING E-5
35	686085003	SPRING

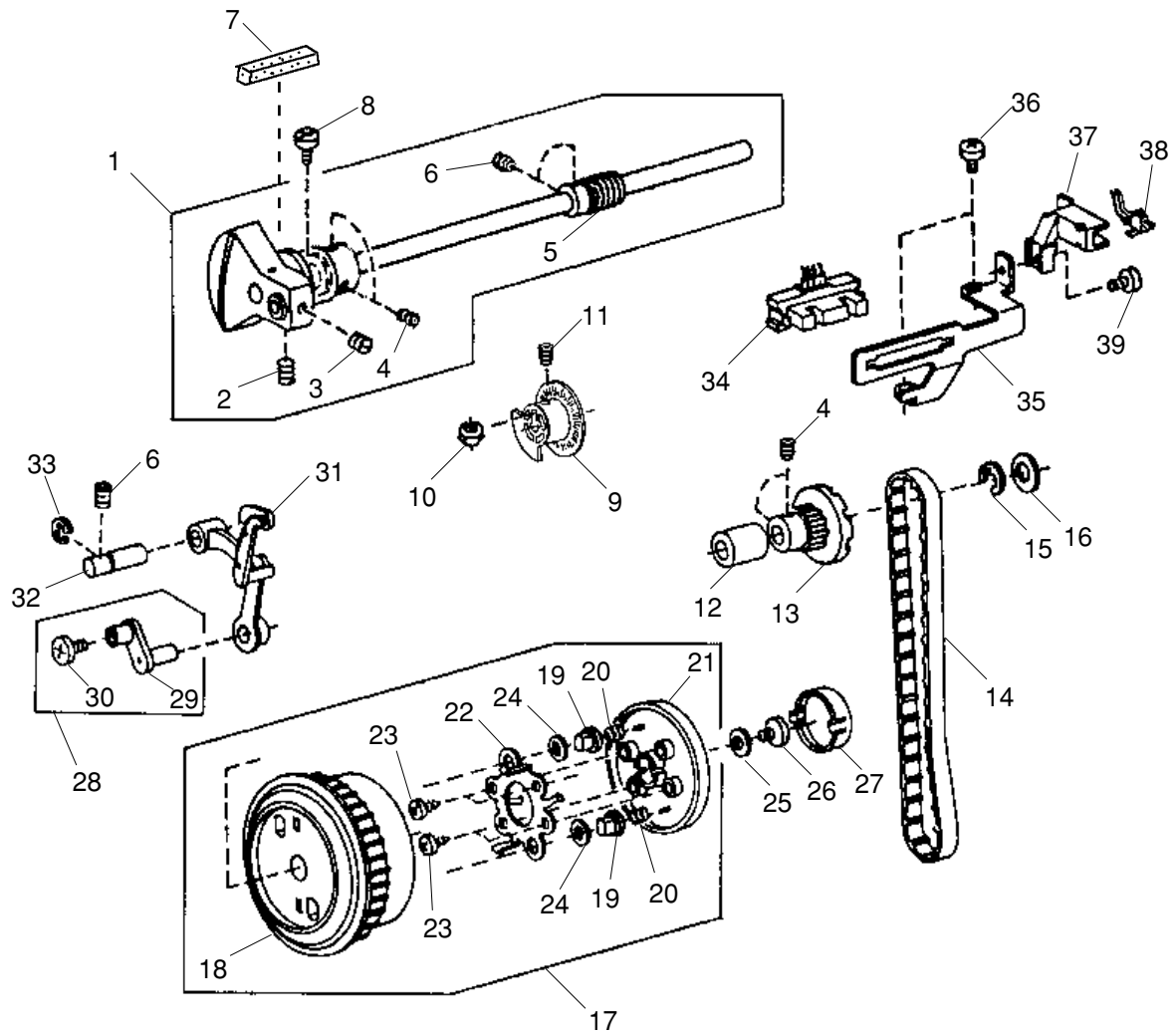
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	753216109	FACE PLATE BASE
2	000104809	SET SCREW 4X35
3	000160102	ADJUSTABLE NUT 4
4	685042005	SUPPORTER STOPPER
5	000081005	SET SCREW 4X8
6	753504004	BH LIMIT SWITCH
7	753134010	SWITCH HOLDER
8	000078319	SET SCREW 3X6
9	753664003	FRONT BASE PLATE (UNIT)
10	757008108	FRONT BASE PLATE
11	753023015	DRAG ROD LINK (FRONT) HOLDER
12	753210000	DRAG ROD LINK (FRONT)
13	686059008	CARRYING HANDSUPPORTER
14	000101404	SET SCREW 4X6
15	000014007	SNAP RING CS-4
16	000081119	SET SCREW 4X6
17	753626003	BH LEVER (UNIT)
18	753629109	BH LEVER (UNIT)
19	753247006	BH LEVER SUPPORTER
20	753027008	FRICTION SPRING
21	000023009	SPRING PIN
22	753029000	BH LEVER ADJUSTING PLATE
23	652203004	SET SCREW 3X3.5
24	000001207	SNAP RING E-2.5
25	753028009	SWITCH ADJUSTING PLATE
26	000101105	SET SCREW 3X4
27	000071013	WASHER
28	757007004	THREADER GUIDE
29	757062100	LAMP SET PLATE
30	501509002	LAMP SOCKET (UNIT)
31	000102900	SET SCREW 2X8
32	000053008	CORD BINDER
33	000026002	LUMPBULB

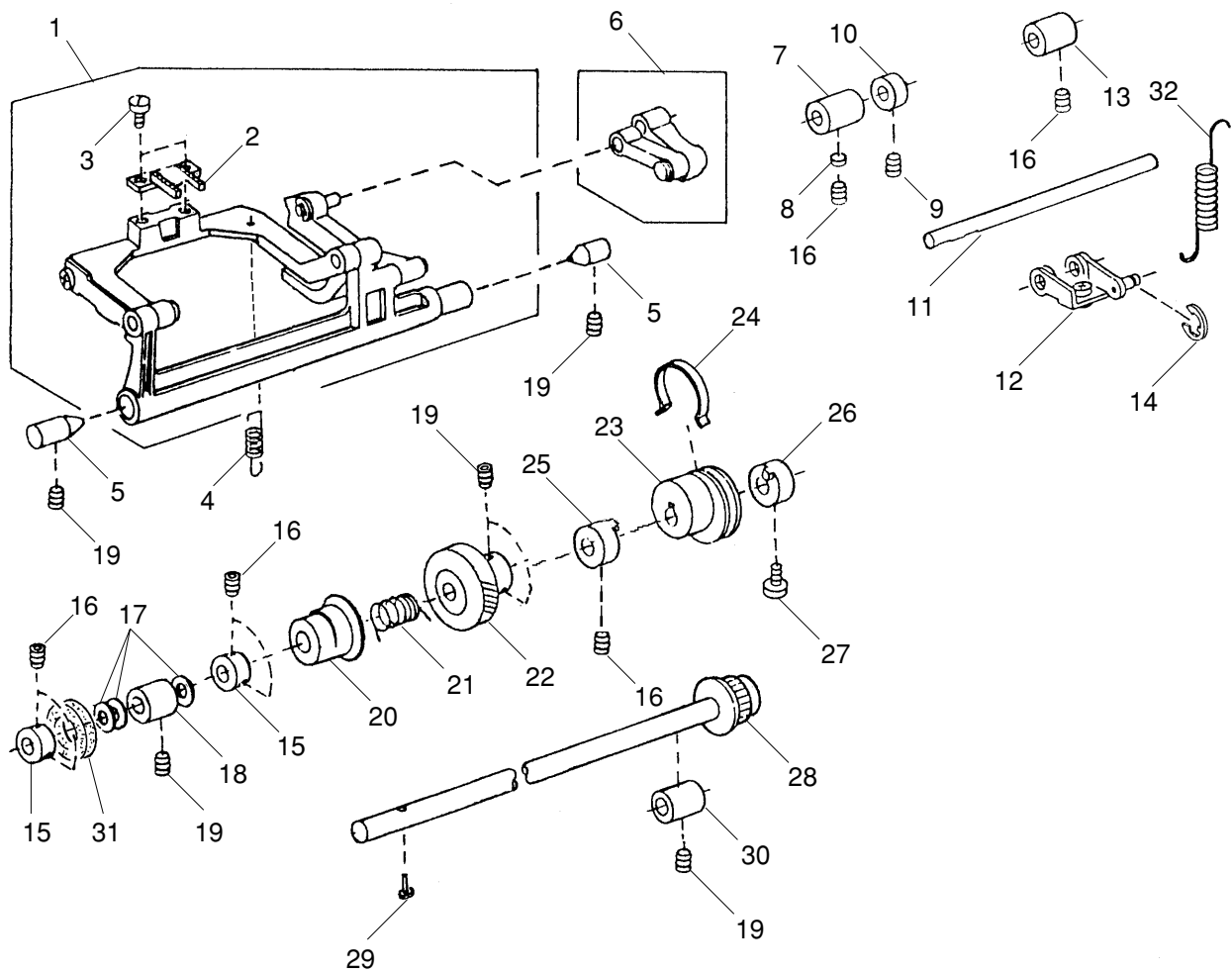
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	686623009	UPPER SHAFT COMP. (UNIT)
2	102073003	SET SCREW
3	102063000	SET SCREW
4	000111304	SOCKET SCREW 5X5
5	650060001	WORM
6	000111201	SOCKET SCREW 4X4
7	731384008	FELT
8	000101301	SET SCREW 5X10
9	753133101	SHIELDING PLATE
10	000061102	NUT
11	000111108	SOCKET SCREW 4X6
12	673062004	UPPER SHAFT BUSHING (REAR)
13	650063004	UPPER SHAFT TIMING GEAR
14	650071005	TIMING BELT
15	000030205	SNAP RING E-8
16	000038605	WASHER
17	650609503	HANDWHEEL (UNIT)
18	650064500	HANDWHEEL
19	650065006	CLUTCH PIN
20	650066007	CLUTCH PIN SPRING
21	650067503	CLUTCH KNOB
22	650068009	SPRING
23	000107307	TAPPING SCREW 3X8B
24	000036201	WASHER
25	000070609	WASHER
26	000101208	SET SCREW 5X6
27	650070509	CAP
28	652512009	NEEDLE BAR CRANK PIN (UNIT)
29	652143005	NEEDLE BAR CRANK PIN
30	647139002	NEEDLE BAR CRANK PIN RID
31	820511108	THREAD TAKE-UP LEVER (UNIT)
32	650062003	PIN
33	000002806	SNAP RING E-6
34	735514104	PHOTOSENSOR (UNIT)
35	753131006	SENSOR HOLDER PLATE
36	000101404	SET SCREW 4X6
37	753132007	SWITCH HOLDER
38	753505005	BOBBIN WINDER SWITCH (UNIT)
39	000078319	SET SCREW 3X6

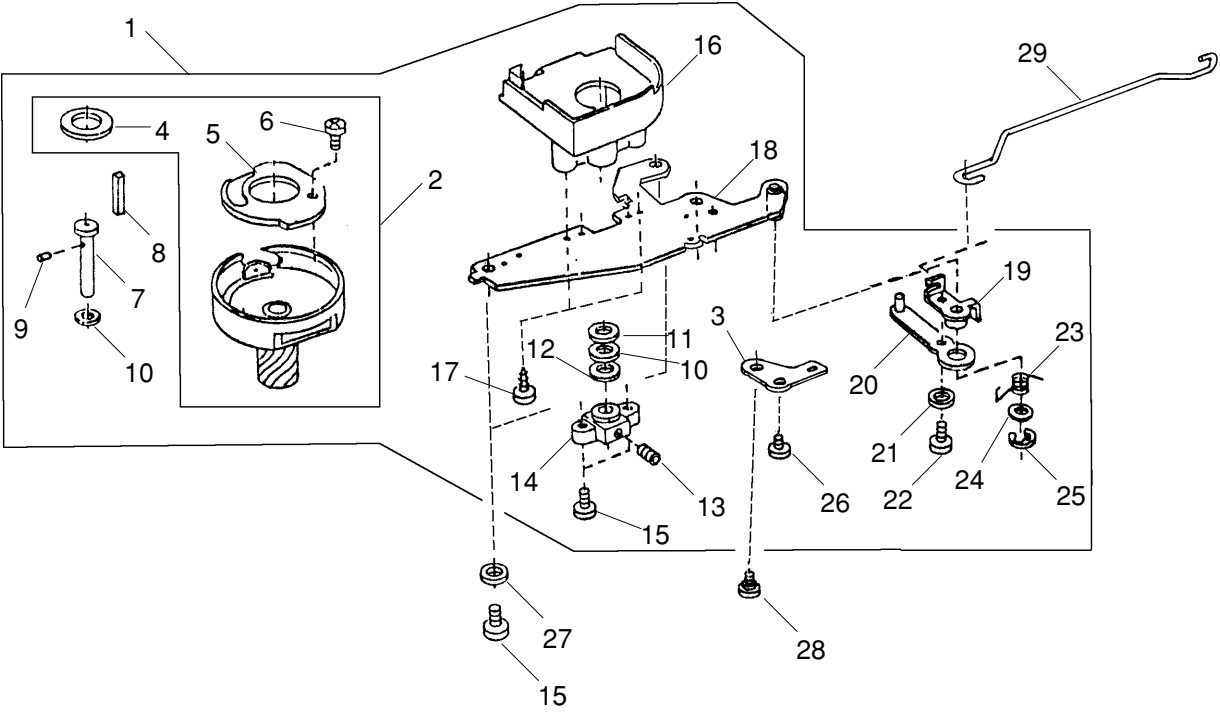
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	751640100	FEED SHAFT (UNIT)
2	840005003	FEED DOG
3	000104005	SET SCREW 3.5X8
4	650085002	SPRING
5	738055008	STRAIGHT PIN
6	650612004	FEED REGULATOR (UNIT)
7	625144002	BUSHING (FRONT)
8	650175000	CUSHION
9	000111108	SOCKET SCREW 4X6
10	820387000	RING
11	650091001	FEED SHAFT
12	652607002	FEED REGULATING ARM (UNIT)
13	650092002	FEED SHAFT BUSHING (REAR)
14	000002105	SNAP RING E-3
15	820166001	RING
16	000111201	SOCKET SCREW 4X4
17	000038502	WASHER
18	650078002	LOWER SHAFT BUSHING (FRONT)
19	000111304	SOCKET SCREW 5X5
20	753183025	FEED LIFTING CAM
21	686035008	SPRING
22	650076000	LOWER SHAFT GEAR
23	625120105	FEED CAM
24	627207000	SPRING
25	625118007	FEED CAM RING
26	650074008	FEED CAM RING
27	000121606	TAPPING SCREW 3X12S
28	686613006	LOWER SHAFT (UNIT)
29	820161006	FEED LIFTING PIN
30	650079003	LOWER SHAFT BUSHING (REAR)
31	735143005	FELT
32	753033007	REGULATOR SPRING

PARTS LIST



PARTS LIST

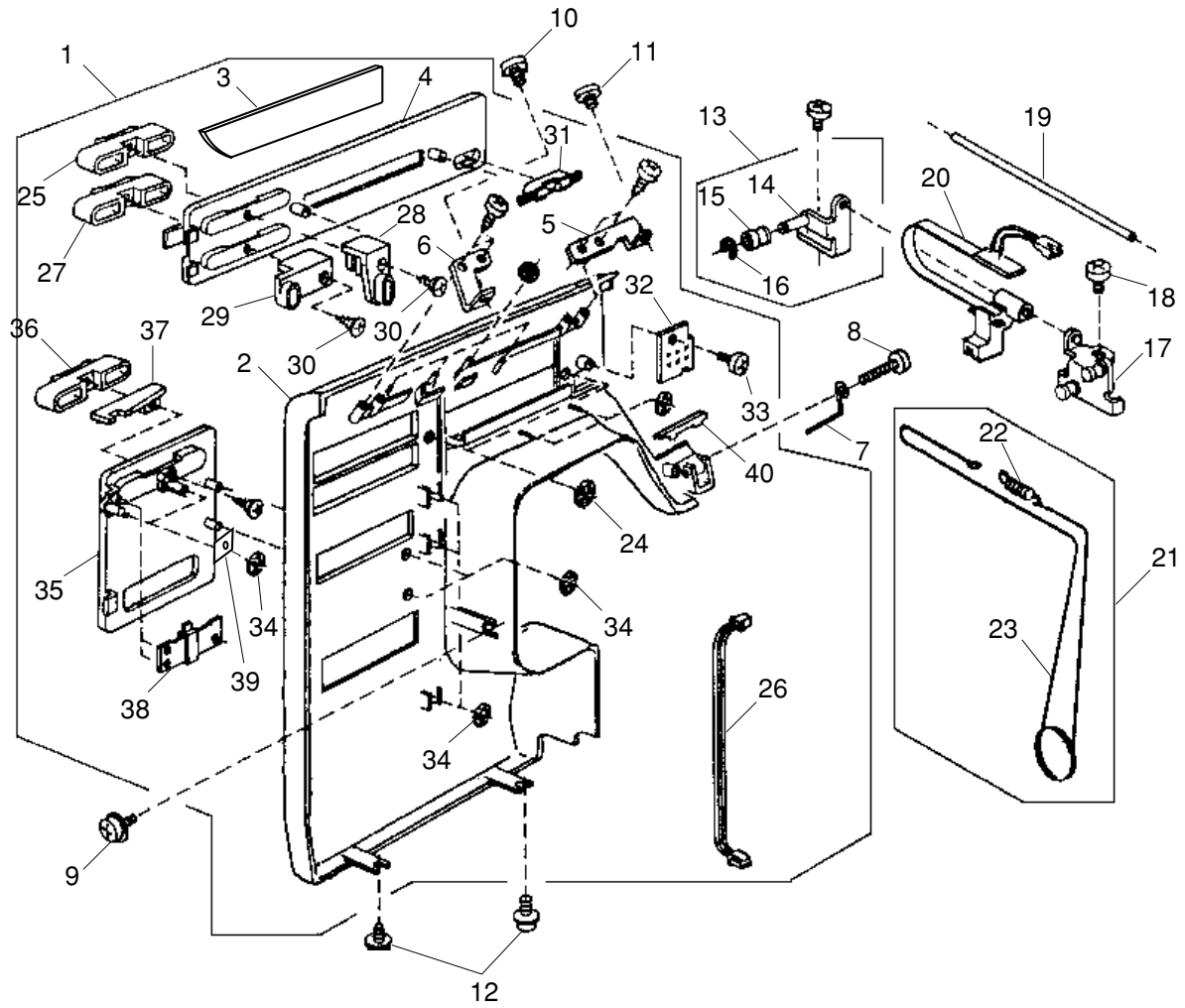
KEY NO.	PART NO.	DESCRIPTION
1	650614110	HOOK (UNIT)
2	652623004	SHUTTLE BODY (UNIT)
3	650171006	SET PLATE
4	627190010	HOOK RACE MAGNET
5	627191000	HOOK RACE BOTTOM PLATE
6	820374004	SET SCREW 2X2.3
7	820123006	HOOK DRIVER SHAFT
8	820124007	HOOK SHAFT OIL FELT (1)
9	820125008	HOOK SHAFT OIL FELT (2)
10	000038409	WASHER
11	627192001	WASHER
12	625102008	PLAIN WASHER
13	000111304	SOCKET SCREW 5X5
14	650094004	HOOK SHAFT BASE
15	000081005	SET SCREW 4X8
16	827040009	HOOK GEAR COVER
17	000107204	TAPPING SCREW 3X12B
18	650096006	HOOK BASE PLATE
19	650097007	FEED SHIFT ARM
20	650098008	FEED SHIFT PLATE
21	000070218	PLAIN WASHER
22	000103808	SET SCREW 3X5
23	650099009	FEED SHIFT SPRING
24	650023002	WASHER
25	000002105	SNAP RING E-3
26	000101404	SET SCREW 4X6
27	000070506	POLISHED PLAIN WASHER 4
28	650172007	HINGE SCREW
29	650101005	FEED TRANS FORMING ROD

This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or motor component. The main assembly is shown in a perspective view, with various sub-assemblies and individual parts shown in exploded positions relative to it. The parts are numbered 1 through 26. Key components include a large gear (19), a motor or actuator (8), a housing (9), and various linkages and pins (1, 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25). Dashed lines indicate the alignment and assembly sequence of the components.

PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	650156005	ZIGZAG ROD (FRONT)
2	000002105	SNAP RING E-3
3	686618104	ZIGZAG ARM (UNIT)
4	000081005	SET SCREW 4X8
5	688004004	ZZ WIDTH ROD
6	753084003	ZZ WIDTH ADJUSTING ROD
7	688003003	ZIGZAG STOPPER
8	753610004	CAM BLOCK (UNIT)
9	753611005	REVERSE BUTTON (UNIT)
10	753047004	REVERSE BUTTON
11	753147005	REVERSE BUTTON SPRING
12	753046003	REVERSE BUTTON SUPPORTER
13	753150001	REVERSE BUTTON ARM (2)
14	000078319	SET SCREW 3X6
15	753061004	PATTERN SELECTOR INDEX SPRING
16	000101105	SET SCREW 3X4
17	753647114	PATTERN SELECTOR DIAL SHAFT (UNIT)
18	753203114	PATTERN SELECTOR DIAL SHAFT
19	753082104	DIAL GEAR
20	753202009	PATTERN SELECTOR DIAL SEAT
21	000111201	HEXAGON SOCKET SCREW 4X4
22	753083013	DIAL SUPPORTER
23	000001609	SNAP RING E-5
24	753201008	PATTERN SELECTOR DIAL
25	650162509	SS CONTROL DIAL
26	000115009	TP SET SCREW 3X8

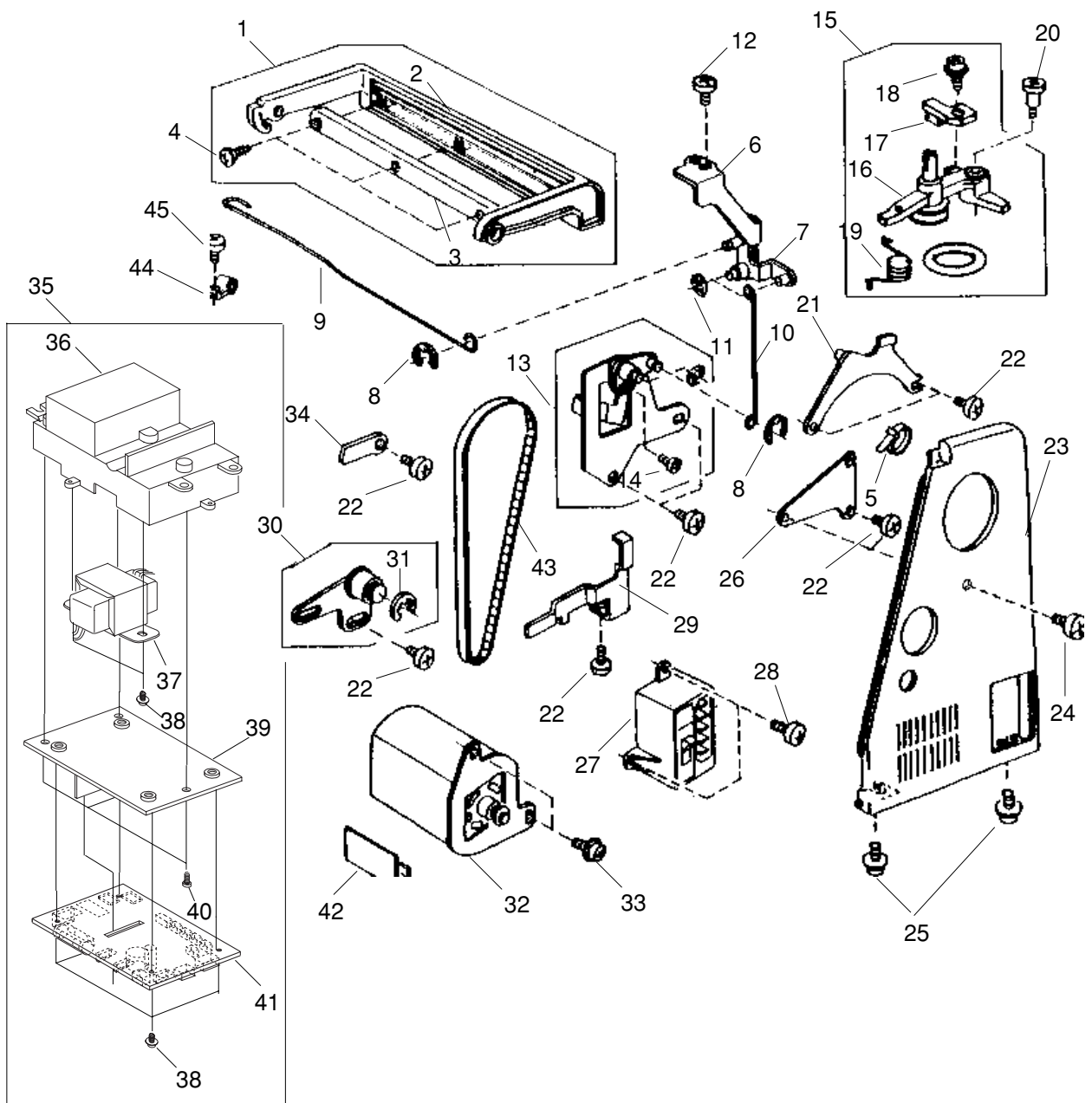
PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	753659201	FRONT COVER (UNIT)
2	753100121	FRONT COVER
3	753226700	STITCH PATTERN PLATE
4	753225215	STITCH PATTERN PLATE FLAME
5	753108004	FRONT COVER BASE PLATE (FRONT)
6	753109005	FRONT COVER BASE PLATE (REAR)
7	753126008	ARM THREAD GUIDE
8	000092917	SET SCREW 3.5X27
9	000115607	TP SCREW 4X8
10	000008005	SET SCREW 4X8
11	000101105	SET SCREW 3X4
12	000115205	TP SCREW 4X6
13	753616103	INDICATOR GUIDE HOLDER (FRONT) (UNIT)
14	753209006	INDICATOR GUIDE HOLDER (FRONT)
15	753208005	GUIDE ROLLER
16	000001207	SNAP RING E-2.5
17	753111000	INDICATOR GUIDE HOLDER (REAR) (UNIT)
18	000101404	SET SCREW 4X6
19	753112104	INDICATOR GUIDE
20	753508008	FLEXIBLE PRINTED CIRCUIT BOARD
21	753618105	INDICATOR STRING (UNIT)
22	818033001	INDICATOR STRING SPRING
23	753113002	INDICATOR STRING
24	000014007	CS-RING 4
25	753227103	SLIDER (1)
26	753543005	CORD
27	753227206	SLIDER (1)
28	753104011	ZIGZAG WIDTH ADJUSTING SLIDER
29	753105012	FEED ADJUSTING SLIDER
30	000163105	SETSCREW 2.3X5
31	753228104	UP/DOWN NEEDLE POSITION BUTTON
32	753544006	CIRCUIT BOARD UD (UNIT)
33	000120203	SETSCREW 3X8 (B)
34	000014306	CS RING 3
35	753128952	R BUTTON FLAME
36	753229002	SLIDER
37	753107003	SLIDER BLOCK
38	653507060	SLIDE VOLUME (UNIT)
39	753153004	INSULATION SHEET
40	753125007	THREAD GUARD PLATE

PARTS LIST



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION
1	753620007	CARRYING HANDLE (UNIT)
2	753121003	CARRYING HANDLE
3	753122004	CARRYING HANDLE PLATE
4	000120502	FLAT TAPPING SCREW 3X8B
5	000053008	CORD BINDER
6	753117006	DRAG ROD LINK BASE
7	753118007	DRAG ROD LINK
8	000002105	SNAP RING E-3
9	753098000	BH DRAG ROD
10	753099012	BH DRAG ROD (2)
11	000014007	SNAP RING CS-4
12	810220003	SET SCREW
13	753614008	STEP-UP BASE (UNIT)
14	000101507	SET SCREW 3.5X5
15	653633000	BOBBIN WINDER (UNIT)
16	653508005	BOBBIN WINDER (UNIT)
17	653133005	SWITCH PRESSING PLATE
18	000114709	TP SCREW 3X6
19	823119008	BOBBIN WINDER FRAME SPRING
20	686063005	HINGE SCREW
21	753120002	CARRYING HANDLE SUPPORTER PLATE
22	000081005	SET SCREW 4X8
23	753115004	BELT COVER
24	000101806	SET SCREW 4X16
25	000115205	TP SCREW 4X6
26	753116005	BELT COVER RETAINING PLATE
27	754511502	MACHINE SOCKET (UNIT)
28	000101703	SET SCREW 4X12
29	753143001	CORD GUIDE
30	753619003	IDLER UNIT
31	000002806	SNAP RING E-6
32	023197110	MOTOR UNIT
33	000115504	SET SCREW 5X10
34	753200007	CORD GUIDE
35	757625406	CIRCUIT BOARD CASE (UNIT)
36	757063101	CIRCUIT BOARD CASE
37	757579004	POWER TRANSFORMER
38	000149301	SETSCREW 3X8
39	757064102	CIRCUIT BOARD SETTING BASE
40	000120203	SETSCREW 3X8 (B)
41	751582206	PRINTED CIRCUIT BOARD B (UNIT)
42	753148006	PROTECTION SHEET
43	650166008	TIMING BELT
44	000188601	NYRON CLIP
45	000101404	SET SCREW 4X6