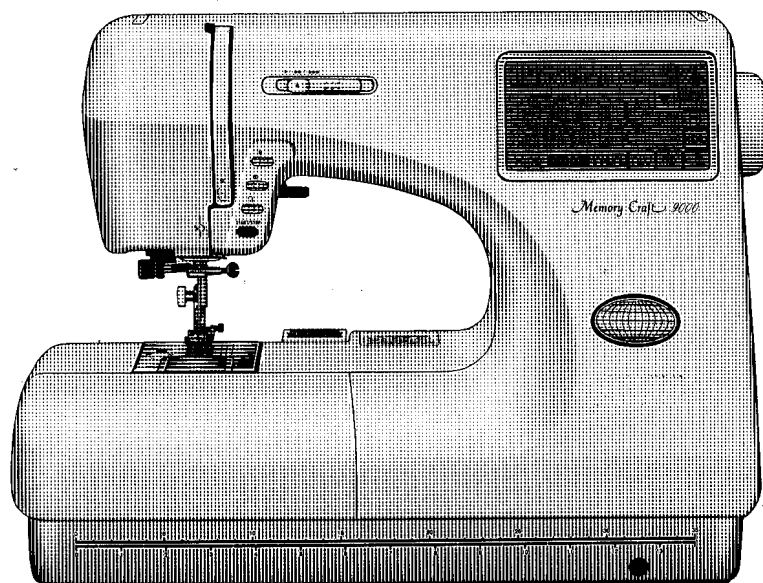


SERVICING MANUAL

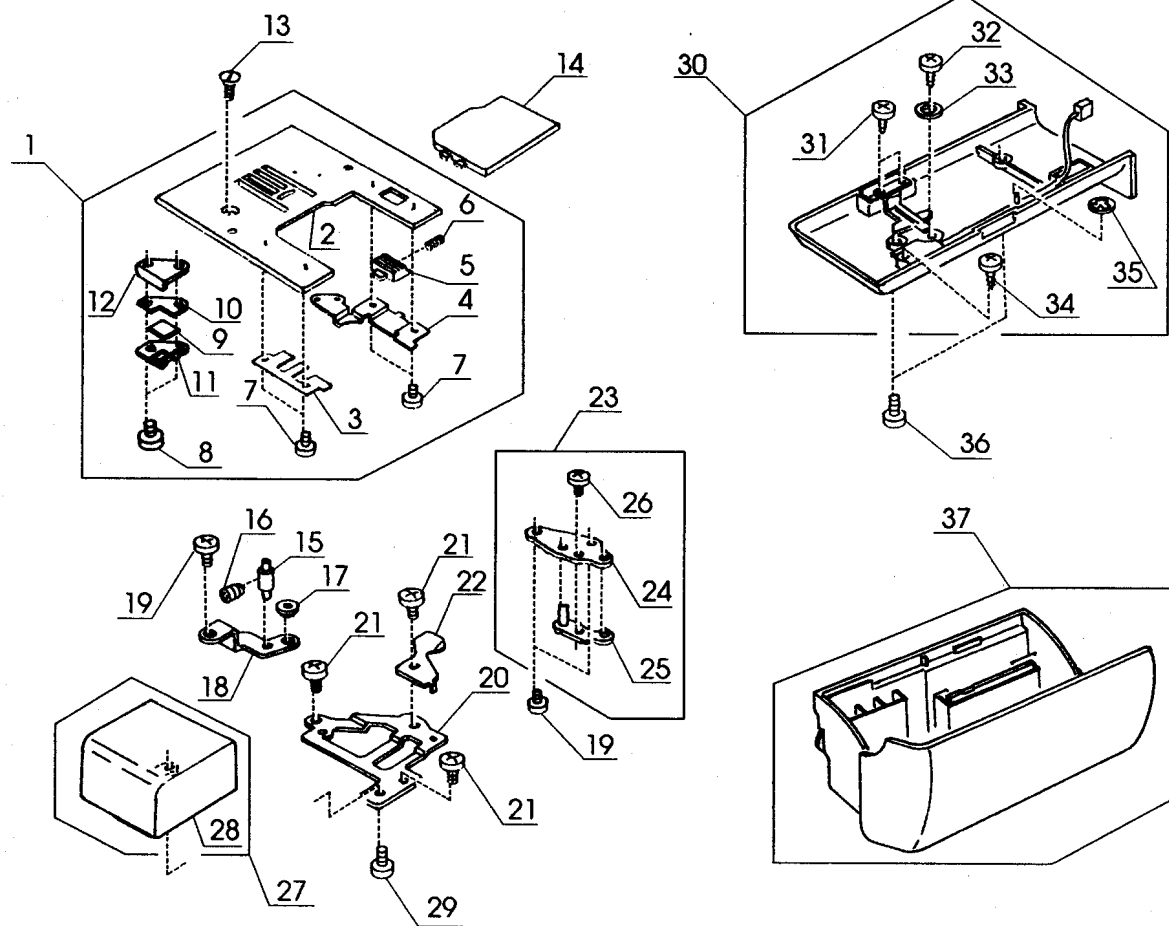


Memory Craft 9000

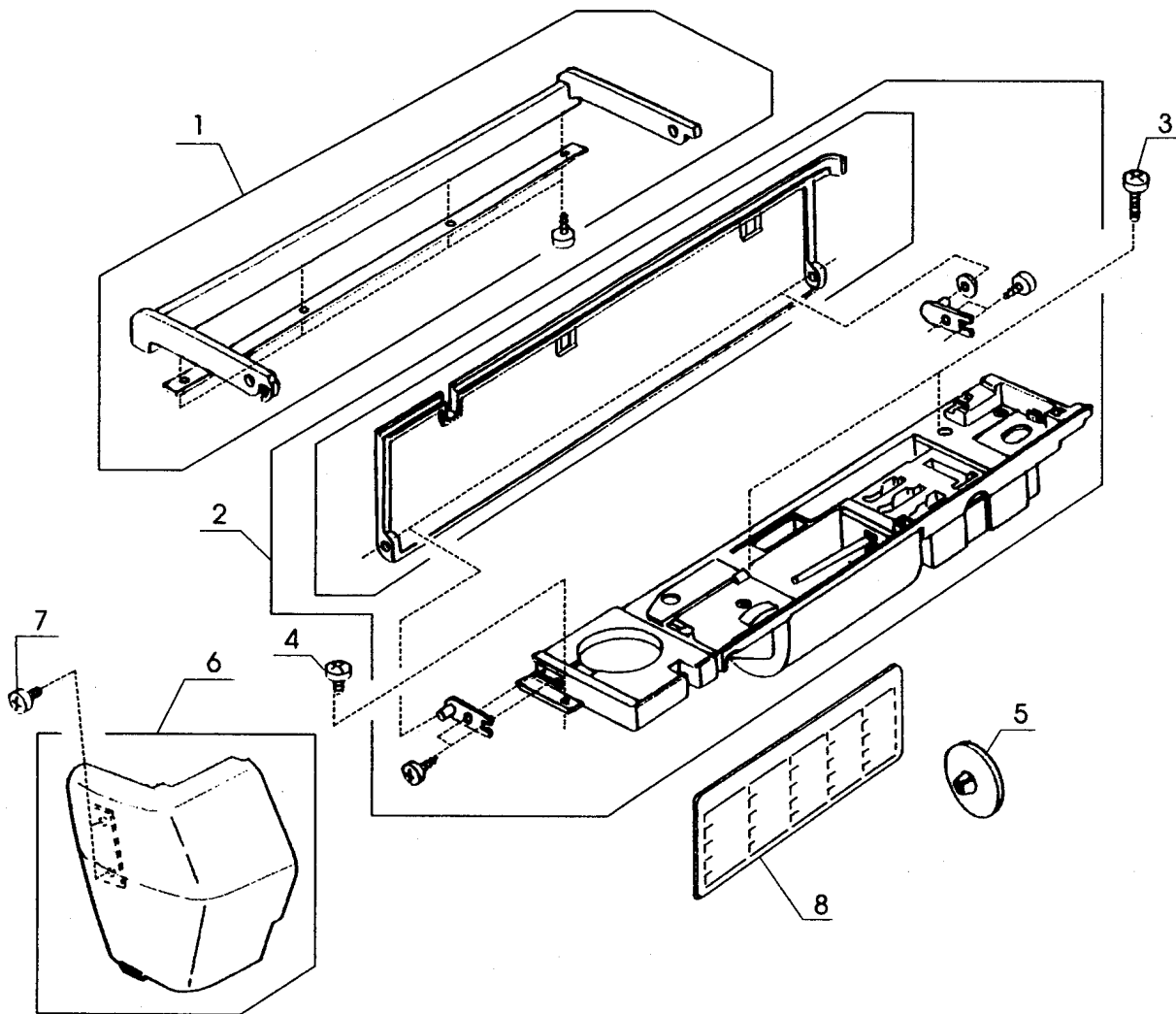
Table of Contents

PARTS LIST	2 ~ 23
TO CHANGE THE FACE PLATE UNIT AND TOP COVER UNIT	24
TO CHANGE THE BELT COVER UNIT	25
TO CHANGE THE BED COVER UNIT	26
TO CHANGE THE BASE UNIT	27
TO ADJUST THE NEEDLE POSITION	28
TO ADJUST THE NEEDLE BAR HEIGHT	29
TO ADJUST THE HOOK TIMING	30
TO ADJUST THE UPPER SHAFT SHIELD PLATE POSITION	31
TO ADJUST THE NEEDLE THREAD TENSION	32
TO ADJUST THE TENSION RELEASE MECHANISM FOR KNEE LIFTER	33
TO CHANGE THE THREADER PLATE AND ADJUSTMENT	34
TO CHANGE FRONT PANEL ("A" BOARD UNIT) 1	35
TO CHANGE PRINTED CIRCUIT BOARD ("A" BOARD UNIT) 2	36
DRAWING FOR "A" BOARD CONNECTORS (FRONT PANEL COMPLETE UNIT)	37
TO CHANGE BOARD C AND FUSE	38
TO CHANGE DC MOTOR AND BELT TENSION ADJUSTMENT	39
TO CHANGE THE TRANSFORMER	40
TO CHANGE THE RECEPTACLE (MACHINE SOCKET UNIT)	41
TO CHANGE THE LCD UNIT	42
TO ADJUST PRESSER FOOT SENSOR (1)	43
TO ADJUST PRESSER FOOT SENSOR (2)	44
TO ADJUST BOBBIN THREAD SENSOR	45
TO REPLACE THE PRESSER BAR SENSOR	46
TO ADJUST THE BUTTONHOLE LEVER	47
TO CHANGE THE BH LEVER (UNIT)	48
TO CHANGE BH SENSOR UNIT	49
TO ADJUST THE FEED DOG UP/DOWN FUNCTION	50
TO ADJUST THE KNEE LIFTER POSITION	51
MEMORY CRAFT 9000 DIAGNOSIS CHART	

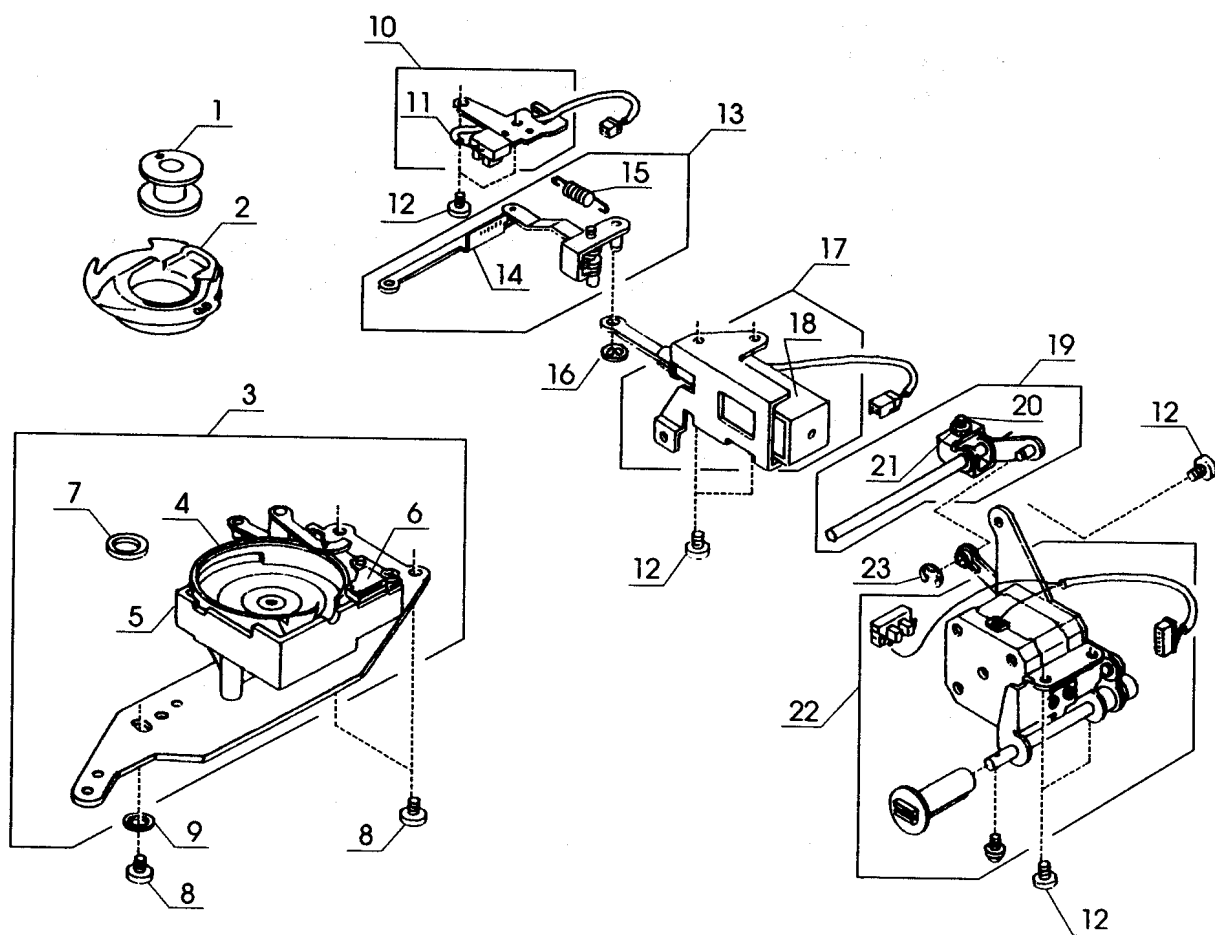
PARTS LIST



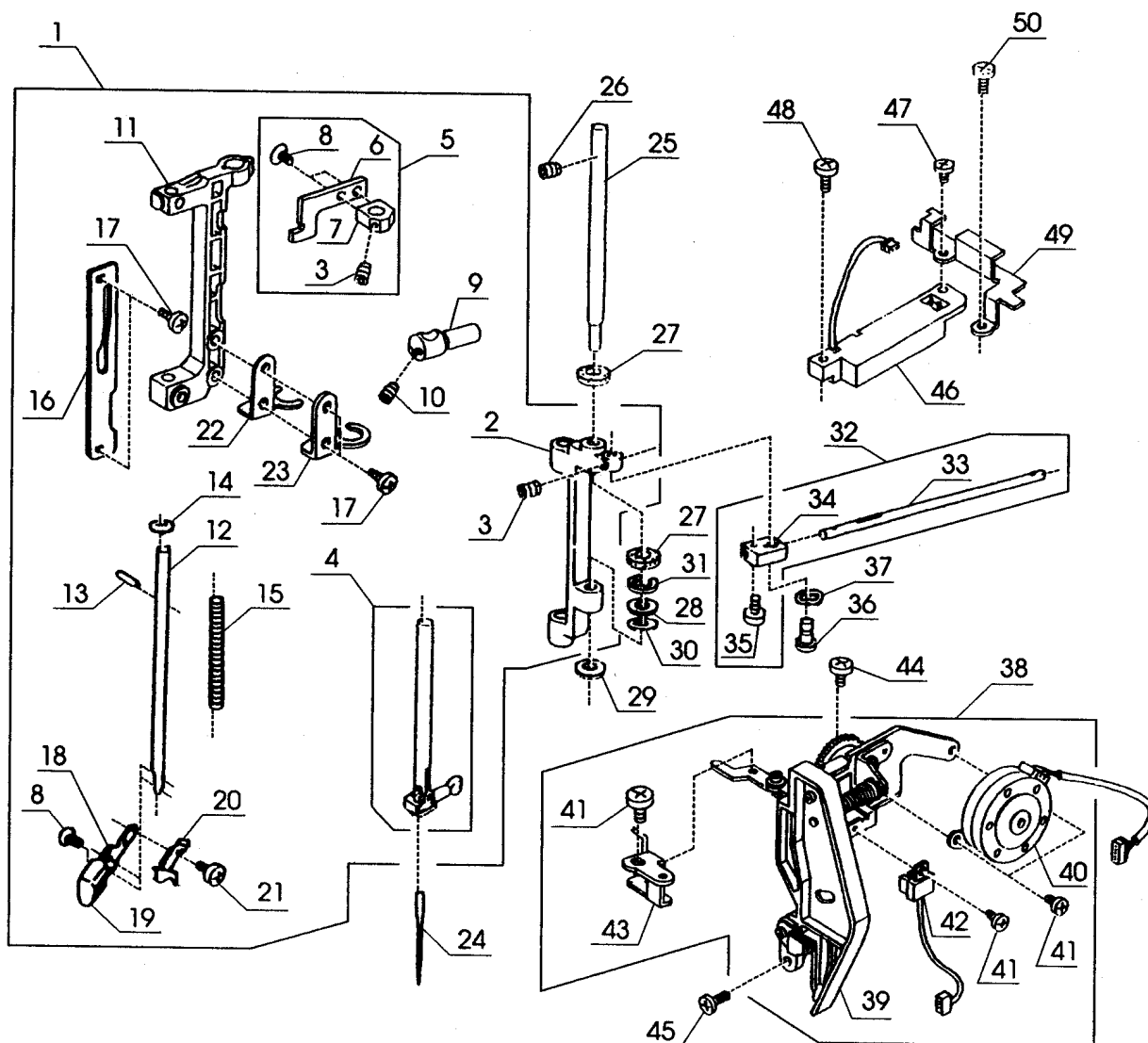
KEY NO.	PARTS NO.	DESCRIPTION
1	832601000	NEEDLE PLATE UNIT
2	832010006	NEEDLE PLATE
3	825014008	HOOK COVER PLATE SUPPORTER (L)
4	832012008	HOOK COVER PLATE SUPPORTER (R)
5	825016000	HOOK COVER PLATE RELEASE BUTTON
6	825017001	SPRING
7	000169709	SET SCREW 2X2.3
8	000096900	SET SCREW 2X3.5
9	832174009	TAPE
10	825259100	SPACER
11	825257108	TAPE HOLDER
12	825013007	BOBBIN HOLDER STOPPER
13	820390006	NEEDLE PLATE SET SCREW
14	750036001	HOOK COVER PLATE
15	832013009	NEEDLE PLATE POSITION ADJUST. PIN
16	000111201	SET SCREW
17	822314002	NUT
18	832014000	NEEDLE PLATE NUT HOLDER
19	000157003	SET SCREW 4X6
20	832165007	STOPPER PLATE
21	810220003	SET SCREW
22	653001006	STOPPER
23	825605013	NEEDLE PLATE SET PLATE (R) UNIT
24	825021019	NEEDLE PLATE SET PLATE (R)
25	825022009	NEEDLE PLATE POSITION ADJUST. PLATE
26	000101105	SET SCREW 3X4
27	832629004	BED COVER (FRONT) UNIT
28	832002005	BED COVER (FRONT)
29	000103705	SET SCREW 4X5
30	832502000	BED COVER UNIT
31	000121709	SET SCREW 2X6
32	000160700	SET SCREW 2.6X6
33	000070104	WASHER
34	000162805	SET SCREW 2X6
35	000014306	SNAP RING E-3
36	000101703	SET SCREW 4X12
37	832503001	EXTENSION BOX UNIT



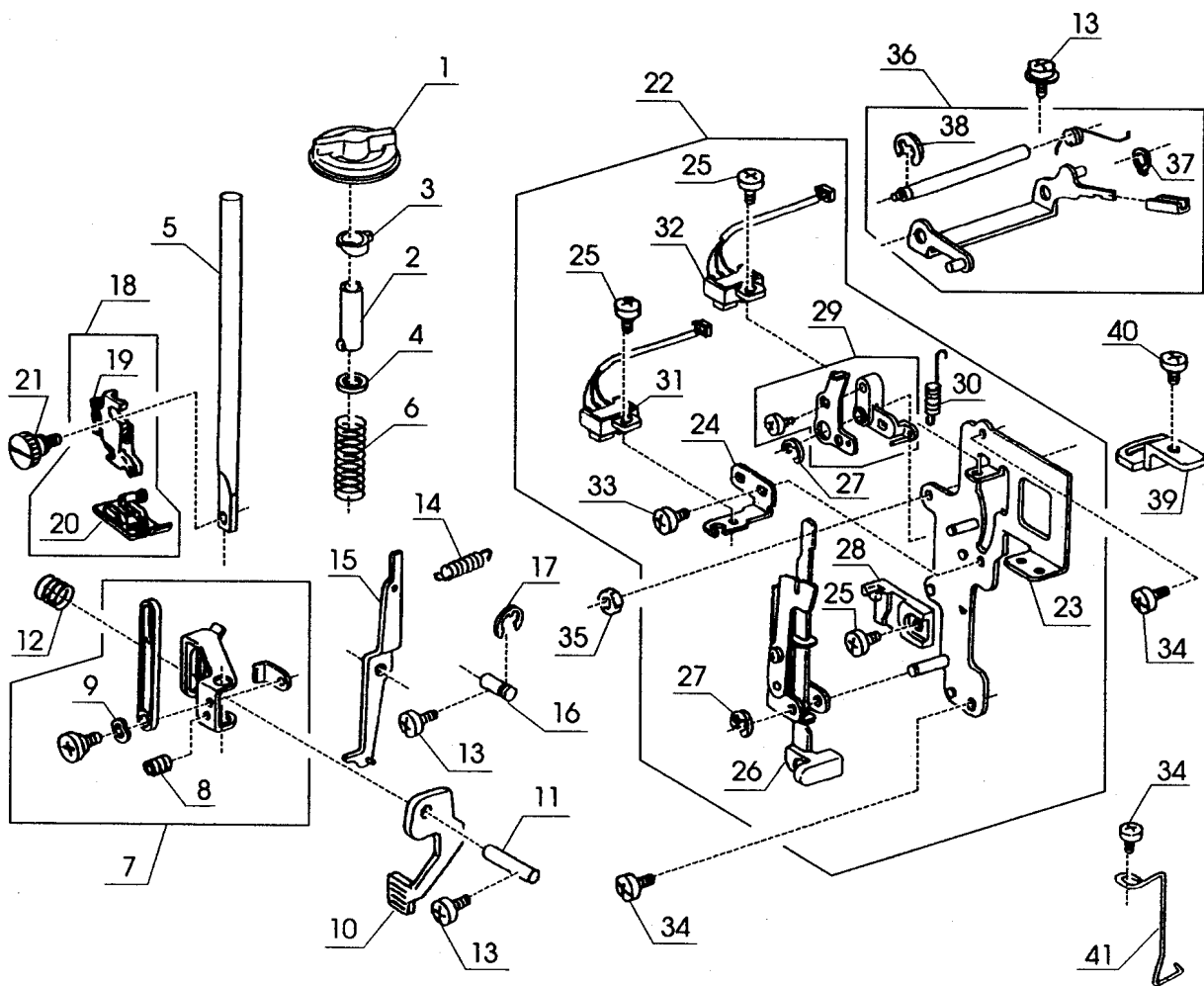
KEY NO.	PARTS NO.	DESCRIPTION
1	830527005	HANDLE UNIT
2	832504105	TOP COVER UNIT
3	000157405	SET SCREW 4X25
4	000066705	SET SCREW 3X8
5	822020503	SPOOL HOLDER (LARGE)
6	832507005	FACE PLATE UNIT
7	000077503	SET SCREW 4X6
8	832203008	QUICK REFERENCE CHART (ENGLISH, SPANISH)
	832231005	QUICK REFERENCE CHART (GERMAN, FRENCH)



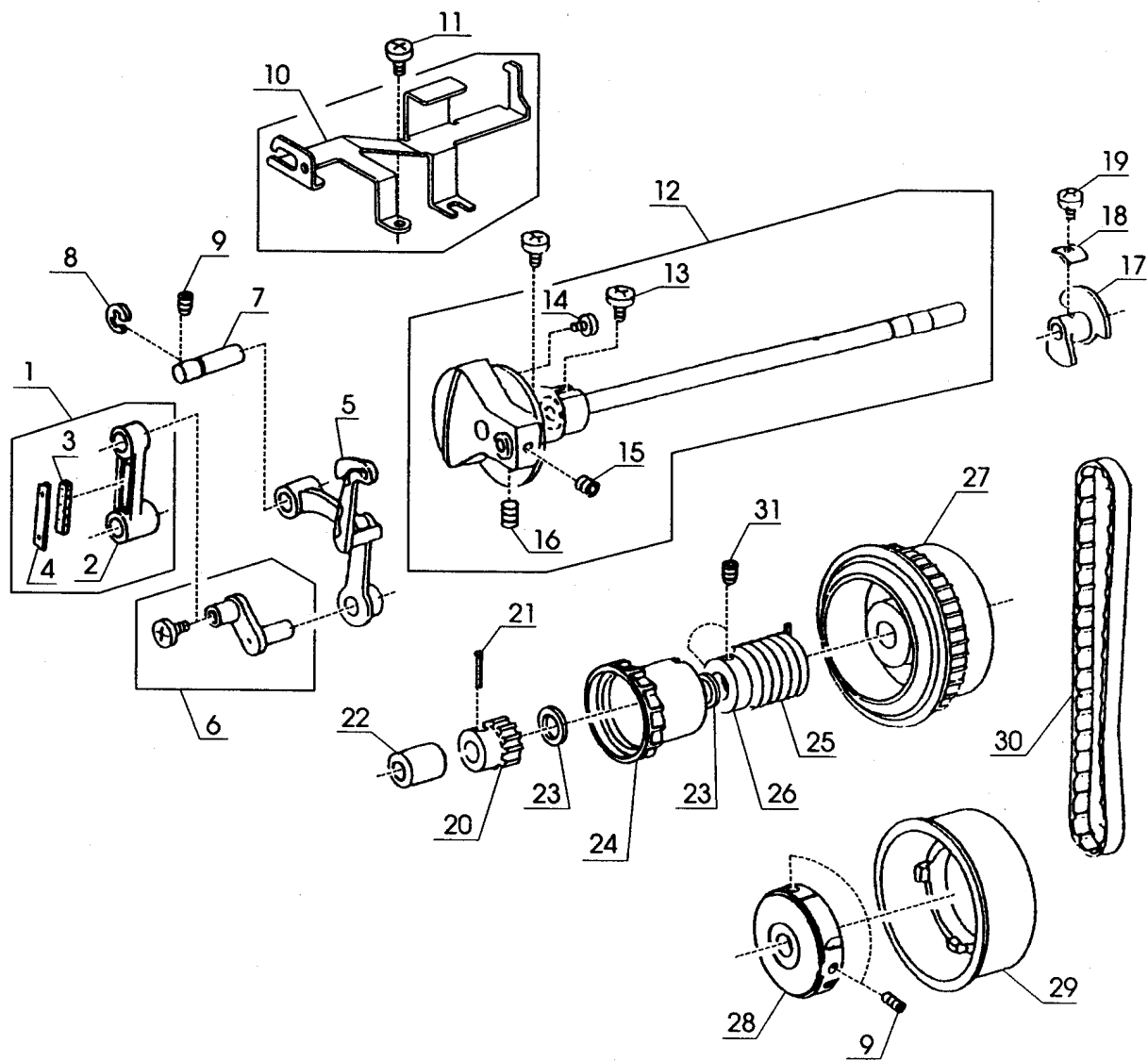
KEY NO.	PARTS NO.	DESCRIPTION
1	102261103	BOBBIN
2	832517008	BOBBIN HOLDER UNIT
3	832627013	ROTARY HOOK UNIT
4	650513004	HOOK RACE UNIT
5	832611014	HOOK RACE COVER UNIT
6	627567001	BOBBIN HOLDER STOPPER UNIT
7	627190010	MAGNET
8	000157209	SET SCREW 4X10
9	000070506	WASHER
10	832561007	SENSOR SET PLATE UNIT
11	832537107	PHOTOSENSOR
12	000157106	SET SCREW 4X8
13	832545005	BOBBIN THREAD DETECTOR ROD UNIT
14	832092024	RESIDUAL BOBBIN THREAD SHIELD PLATE
15	832093003	SPRING
16	000013707	CS RING 2.4
17	832613005	BOBBIN THREAD DETECTOR SOLENOID UNIT
18	832519000	SOLENOID UNIT
19	832610002	FEED ARM UNIT
20	832266003	FEED ARM SCREW
21	000160102	ADJUSTABLE ROCK NUT 4
22	832518009	FEED STEPPING MOTOR UNIT
23	000002105	SNAP RING E-3



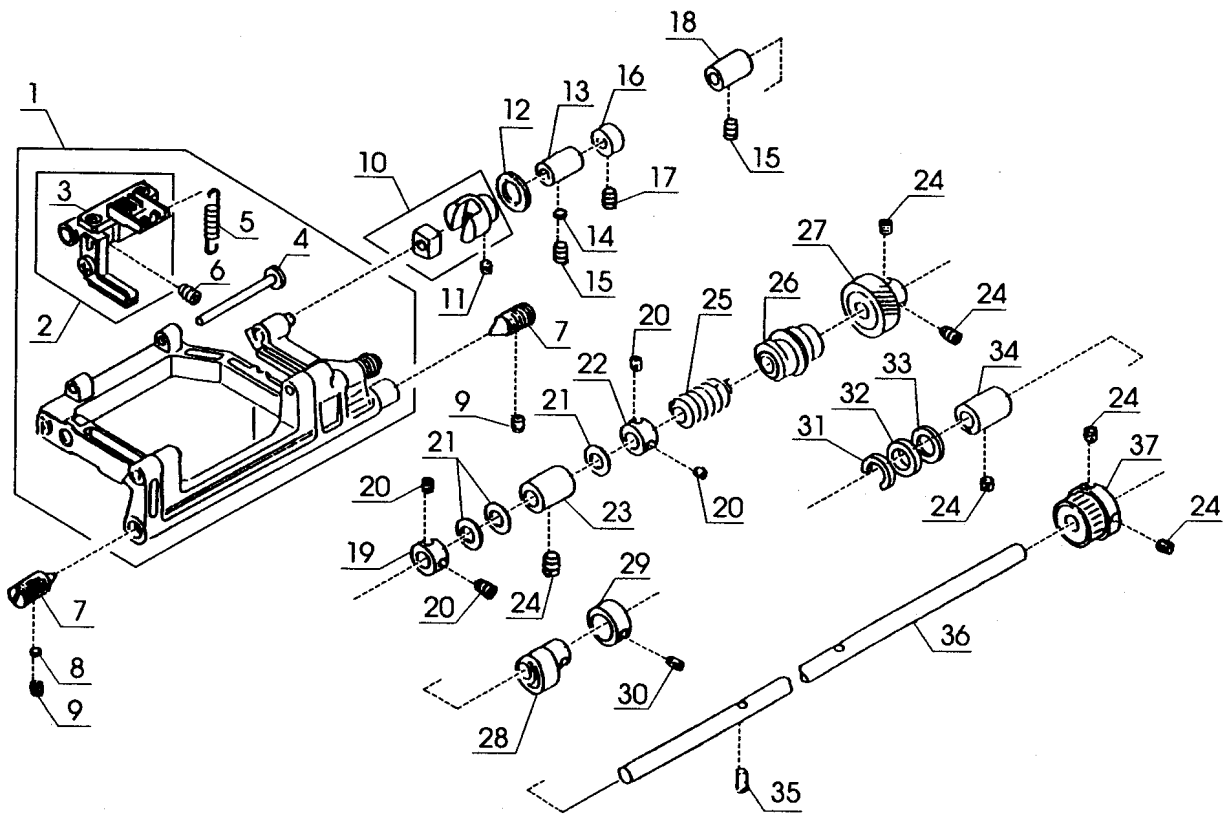
KEY NO.	PARTS NO.	DESCRIPTION
1	831601007	NEEDLE BAR SUPPORTER UNIT
2	831001001	NEEDLE BAR SUPPORTER
3	000111902	SET SCREW
4	830609002	NEEDLE BAR UNIT
5	751607002	THREADER POSITION SET PLATE UNIT
6	734101008	THREADER POSITION SET PLATE
7	751016008	THREADER POSITION SET HOLDER
8	000097602	SET SCREW 2X4
9	751047008	NEEDLE BAR CONNECTING STUD COMPLETE UNIT
10	000111201	SET SCREW
11	751017009	THREADER FRAME
12	751018000	THREADER BAR
13	000122906	PIN
14	734107004	HOLDING PLATE
15	827091005	THREADER BAR SPRING
16	831009009	THREADER GUIDE PLATE
17	000161206	SET SCREW 3X10
18	831002002	THREADER LEVER
19	734097000	THREADER KNOB
20	734515009	THREADER PLATE UNIT
21	000105501	SET SCREW 1.6X2.5
22	751101001	THREADER FRAME SPRING
23	751019001	THREADER FRAME (LOWER)
24	102408089	NEEDLE
25	823018006	NEEDLE BAR SUPPORTER SHAFT
26	000111108	SET SCREW 4X6
27	822063003	FELT (2)
28	000036108	THRUST WASHER FT70
29	000036603	THRUST WASHER FT50
30	000116000	WASHER
31	000001609	SNAP RING E-5
32	832634002	ZIGZAG WIDTH ROD UNIT
33	832067008	ZIGZAG WIDTH ROD
34	823065008	NEEDLE BAR SUPPORTER CONNECTING ROD
35	000115308	TP SCREW 2X8
36	823066009	CONNECTING ROD SHAFT
37	000116103	WASHER
38	832603116	THREAD TENSION COMPLETE UNIT
39	832509029	THREAD TENSION UNIT
40	832510001	STEPPING MOTOR UNIT
41	000103808	SET SCREW 3X5
42	832537004	PHOTOSENSOR
43	832205000	TENSION RELEASING PLATE
44	000172107	SET SCREW 4X8
45	000157508	SET SCREW 4X14
46	832531101	INVERTER UNIT
47	000066705	SET SCREW 3X8
48	000157704	SET SCREW 4X18
49	832160002	CORD GUIDE (2)
50	000157106	SET SCREW 4X8



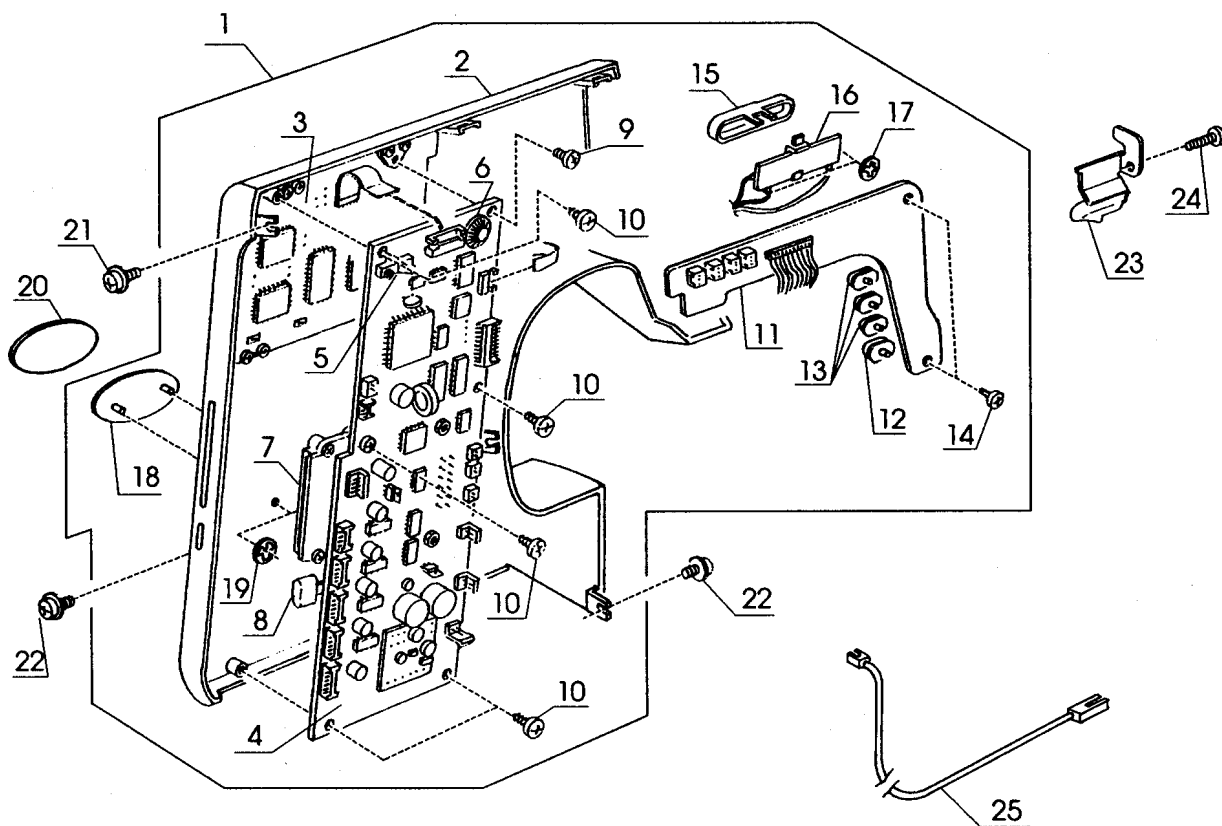
KEY NO.	PARTS NO.	DESCRIPTION
1	830026009	PRESSURE ADJUSTING DIAL
2	830027000	PRESSER BAR BUSHING
3	830028001	PRESSURE ADJUSTING CAM
4	102061008	PLAIN WASHER
5	830029002	PRESSER BAR
6	830030006	PRESSER BAR SPRING
7	830586024	PRESSER BAR SUPPORTER
8	000111500	SET SCREW 4X8
9	000116608	WASHER
10	830035012	PRESSER BAR LIFTER
11	822072005	PRESSER BAR LIFTER PIN
12	102222009	SPRING
13	000172200	SET SCREW TP-S 4X10
14	832204009	TENSION RELEASING LEVER SPRING
15	830037003	TENSION RELEASING LEVER
16	830338007	TENSION RELEASING LEVER PIN
17	000002507	SNAP RING E-4
18	832501009	PRESSER FOOT UNIT
19	830504017	FOOT HOLDER UNIT
20	832523007	ZIGZAG FOOT UNIT
21	825252000	THUMB SCREW
22	832605107	FRONT BRACKET UNIT
23	832047013	FRONT BRACKET
24	831005005	SENSOR SET PLATE
25	000101105	SET SCREW 3X4
26	830583009	BH LEVER UNIT
27	000002105	SNAP RING E-3
28	830057010	BH LEVER GUIDE
29	832655009	PRESSURE DETECTOR RING UNIT
30	830277007	PRESSURE SHIELDING PLATE SPRING
31	830510005	PHOTOSENSOR UNIT
32	830510108	PHOTOSENSOR UNIT
33	000103808	SET SCREW 3X5
34	000157106	SET SCREW 4X8
35	000061205	HEXAGONAL NUT
36	832656000	PRESSURE FUNCTIONING ARM UNIT
37	000014605	GRIP RING 6
38	000001609	SNAP RING E-5
39	831003003	THREADER SHAFT GUIDE (UPPER)
40	000101404	SET SCREW 4X6
41	830039027	ARM THREAD GUIDE



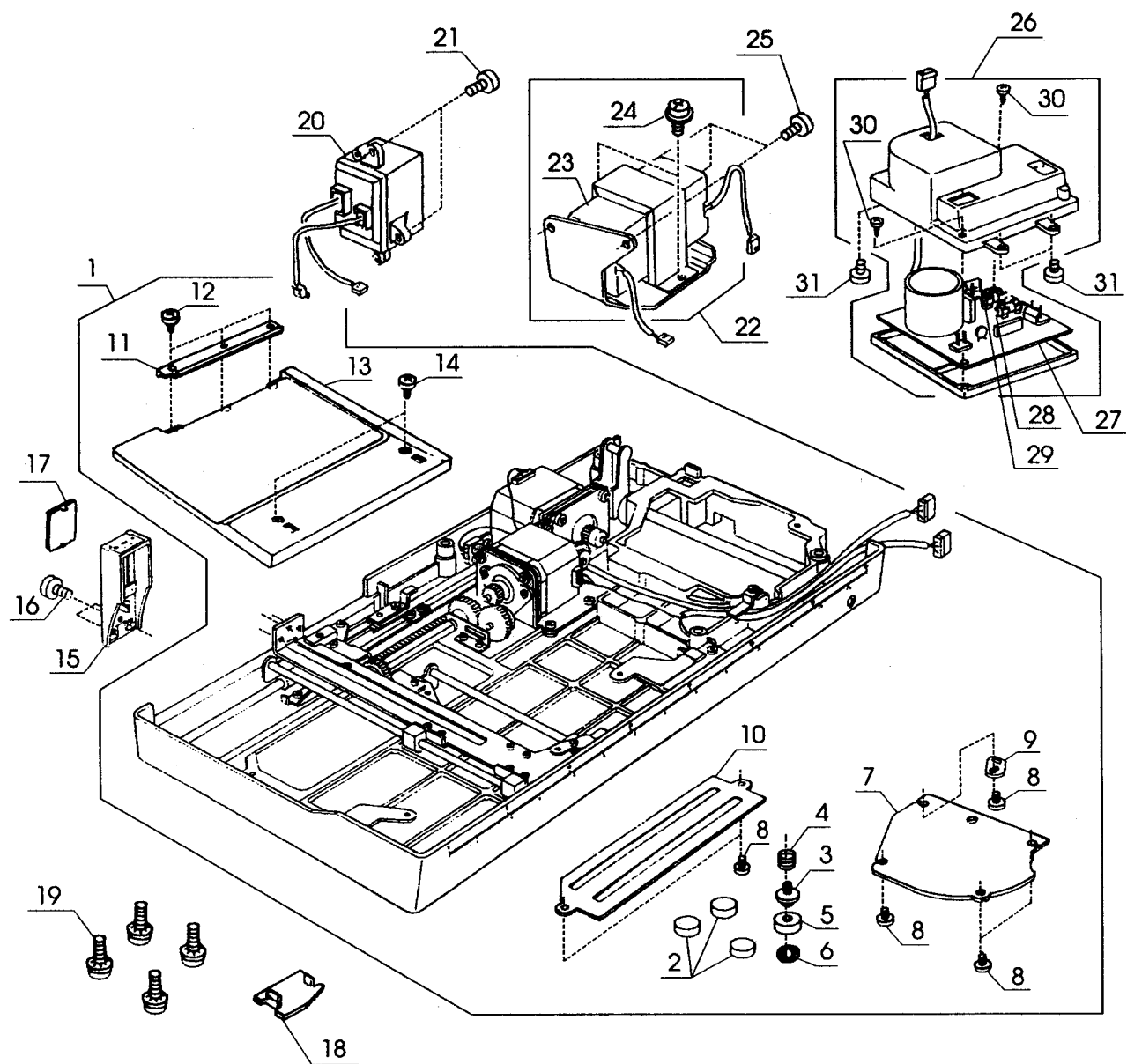
KEY NO.	PARTS NO.	DESCRIPTION
1	650607006	NEEDLE BAR CRANK ROD UNIT
2	650039001	NEEDLE BAR CRANK ROD
3	650040005	FELT
4	650041006	SPRING
5	820511108	THREAD TAKE-UP LEVER UNIT
6	652512009	NEEDLE BAR CRANK PIN UNIT
7	650062003	PIN
8	000001702	SNAP RING E-6
9	000111201	SET SCREW 4X4
10	832226007	CORD GUIDE (1)
11	000157106	SET SCREW 4X8
12	832515006	UPPER SHAFT UNIT
13	000103509	SET SCREW 4X10
14	000078319	SET SCREW 3X6
15	000110901	SET SCREW 5X4
16	000111706	SET SCREW 5X8
17	830095009	UPPER SHAFT SHIELDING PLATE
18	820102009	PLAIN WASHER
19	000081005	SET SCREW 4X8
20	830341003	UPPER SHAFT TIMING WHEEL
21	000004303	SPRING PIN
22	673062004	BUSHING (REAR)
23	000038801	WASHER
24	653055002	DECLUTCH RELEASING RING
25	653057004	CLUTCH SPRING
26	653056003	CLUTCH RING
27	653058005	BELT WHEEL
28	830286009	HANDWHEEL BASE
29	653061115	HANDWHEEL
30	650071005	TIMING BELT
31	000111304	SET SCREW 5X5



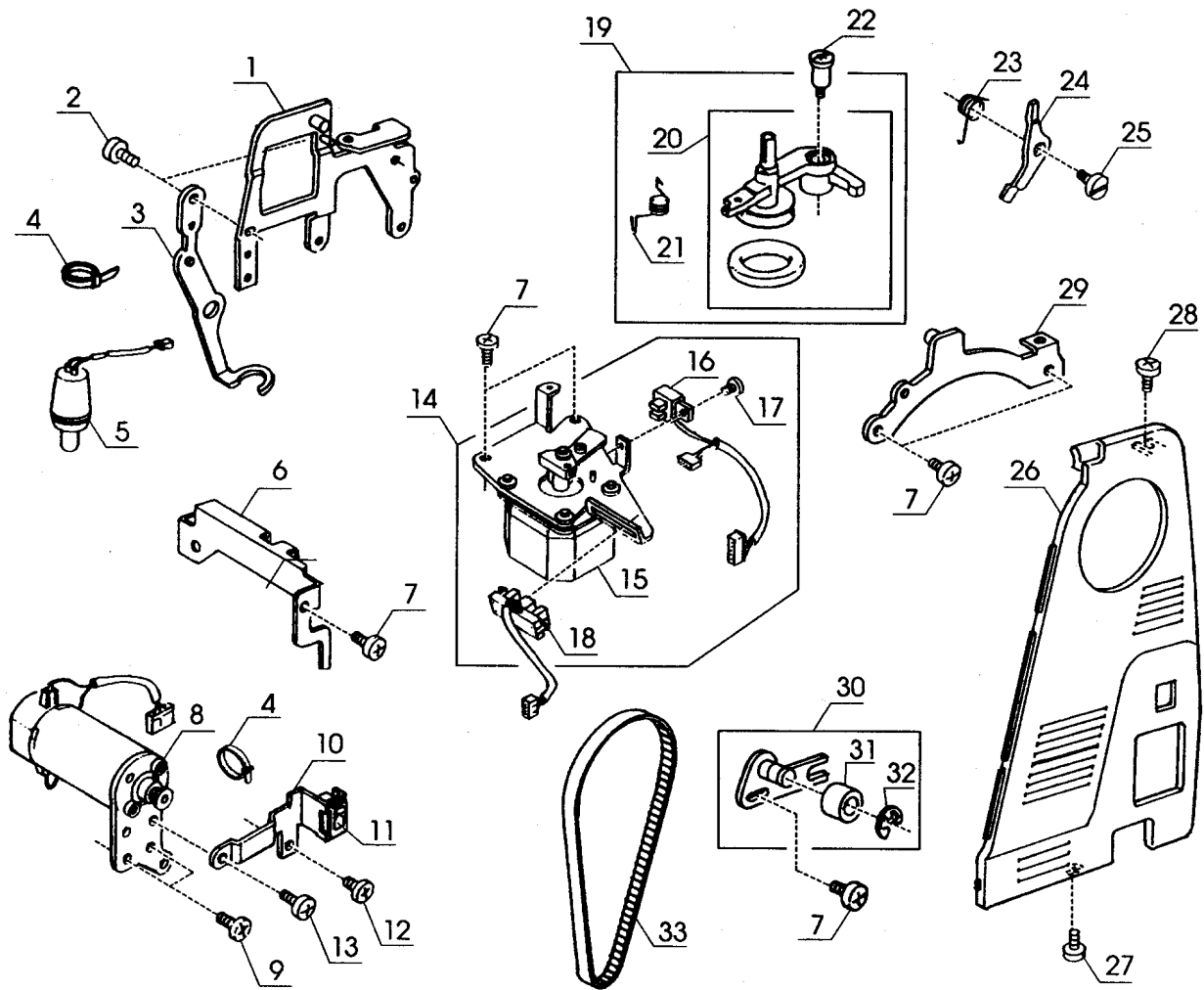
KEY NO.	PARTS NO.	DESCRIPTION
1	832633012	FEED ROCK SHAFT UNIT
2	832535013	FEED DOG SET PLATE UNIT
3	832071016	FEED DOG
4	825099007	FEED DOG SET PLATE
5	825103005	SPRING
6	000111047	SET SCREW 4X6
7	532030003	SCREW CENTER
8	650175000	WASHER
9	000111304	SET SCREW 5X5
10	625508008	FEED REGULATOR UNIT
11	000111304	SET SCREW 5X5
12	823110009	FELT
13	625144002	BUSHING (L)
14	650175000	WASHER
15	000111201	SET SCREW 4X4
16	820387000	RING
17	000111201	SET SCREW 4X4
18	650092002	BUSHING (R)
19	820166001	LOWER SHAFT BUSHING (L)
20	000111201	SET SCREW 5X5
21	000038502	WASHER
22	825094002	LOWER SHAFT RING
23	650078002	LOWER SHAFT BUSHING (R)
24	000111304	SET SCREW 5X5
25	825093001	FEED LIFTING CAM SPRING
26	825092000	FEED LIFTING CAM
27	650076000	LOWER SHAFT GEAR
28	825091102	FEED CAM
29	810092004	RING
30	000111108	SET SCREW 4X6
31	822112008	FELT HOLDER
32	822070003	FELT (1)
33	000036201	WASHER FT80
34	650079003	LOWER SHAFT BUSHING (R)
35	820161006	PIN
36	830101009	LOWER SHAFT
37	822113009	LOWER SHAFT TIMING GEAR



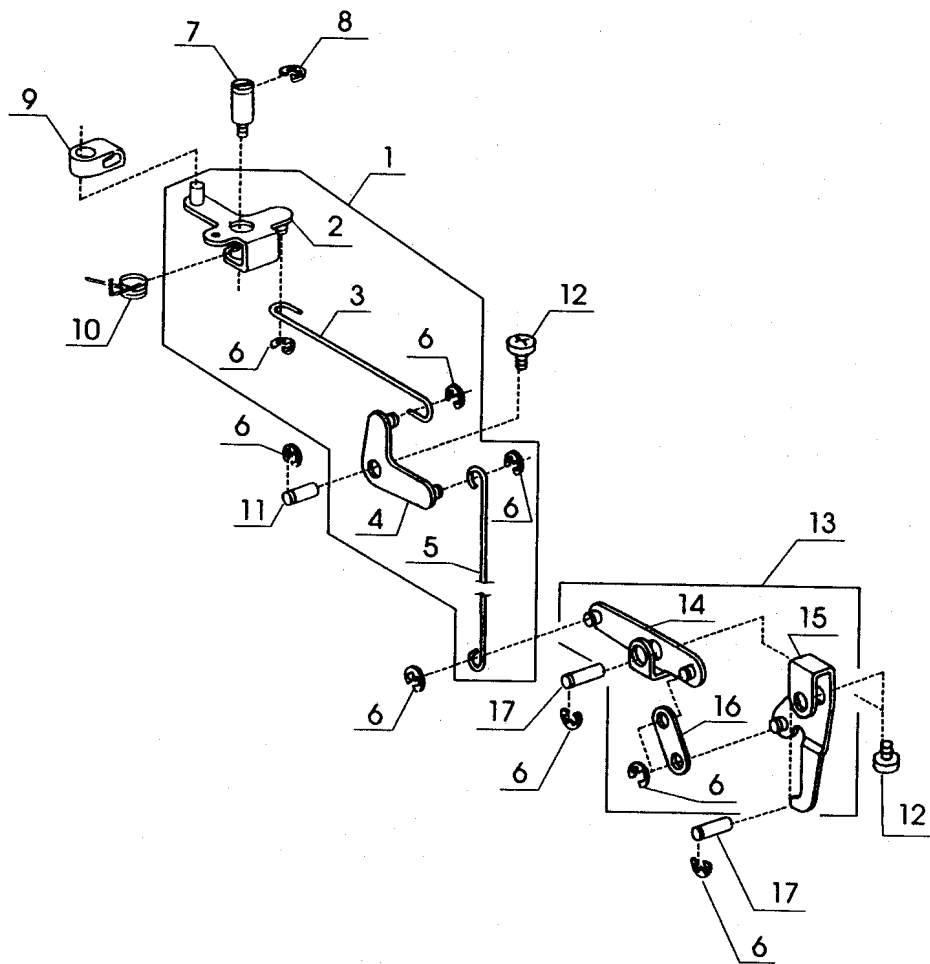
KEY NO.	PARTS NO.	DESCRIPTION
1	832606108	FRONT PANEL UNIT
2	832050204	FRONT PANEL
3	832607006	LCD FRAME UNIT
4	832554007	"A" BOARD UNIT
5	832608007	SWITCH COVER UNIT
6	832053001	LCD ADJUSTING KNOB
7	832609008	CARD GUIDE UNIT
8	830291007	EJECT BUTTON
9	000077112	SET SCREW 3X5
10	000076317	SET SCREW 3X10
11	832514005	"F" BOARD UNIT
12	832061002	BUTTON (1)
13	832062106	BUTTON (2)
14	000120203	SET SCREW 3X8
15	832064005	SPEED SET LEVER
16	653507509	SLIDE VOLUME UNIT
17	000014306	CS RING 3
18	832065006	EMBLEM FRAME
19	000014007	CS RING 4
20	832209004	EMBLEM
21	000115401	TP SCREW
22	000115607	TP SCREW
23	825183010	ARM THREAD GUIDE (LOWER)
24	000096508	SET SCREW 3.5X25
25	830545102	CORD



KEY NO.	PARTS NO.	DESCRIPTION
1	832650004	BASE UNIT (COMPLETE)
2	830150003	RUBBER CUSHION
3	820350004	ADJUSTING SCREW
4	820351005	SPRING
5	605074008	RUBBER CUSHION
6	813123004	CS RING
7	832147014	BASE LID (2)
8	830267004	SET SCREW
9	832175000	WASHER
10	832146002	BASE LID (1)
11	832562008	CARRIAGE WINDOW FRAME UNIT
12	000078320	SET SCREW 3X6
13	832630008	BASE COVER UNIT
14	000101426	SET SCREW 4X6
15	832555008	CARRIAGE PLATE UNIT
16	000077112	SET SCREW 3X5
17	832150009	CARRIAGE PLATE COVER
18	832168000	BASE LID CAP (3)
19	000127107	WASHER
20	832575101	MACHINE SOCKET UNIT FOR 120V
	830576102	MACHINE SOCKET UNIT FOR 240V
21	000172004	SET SCREW TP-S 4X14
22	832653007	TRANSFORMER UNIT FOR 120V
	832654008	TRANSFORMER UNIT FOR 240V
23	832558001	TRANSFORMER UNIT
24	000201106	SET SCREW TP 4X4
25	000172200	SET SCREW TP-S 4X10
26	832625103	"C" BOARD COMPLETE UNIT FOR 120V
	832625206	"C" BOARD COMPLETE UNIT FOR 240V
27	832557000	"C" BOARD (PRINTED CIRCUIT BOARD) UNIT
28	000117908	FUSE AC 125V, 2.5A
29	000182074	FUSE AC 250V, 3.0A
30	000161309	SET SCREW 3X12
31	000157209	SET SCREW 4X10



KEY NO.	PARTS NO.	DESCRIPTION
1	832025004	HANDLE BASE PLATE (L)
2	000157209	SET SCREW 4X10
3	832049004	LAMP SET PLATE
4	000053008	CORD BINDER
5	830538227	LAMP SOCKET UNIT
6	832161003	CORD GUIDE (3)
7	000157106	SET SCREW 4X8
8	080270159	MOTOR UNIT
9	000115700	SET SCREW TP 4X10
10	832154003	LAMP SWITCH FIXING PLATE
11	832540000	LAMP SWITCH UNIT
12	000172004	SET SCREW TP-S 4X14
13	000101404	SET SCREW 4X6
14	832612004	ZIGZAG WIDTH STEPPING MOTOR
15	832542002	STEPPING MOTOR UNIT
16	832541001	PHOTOSENSOR UNIT
17	000103808	SET SCREW 3X5
18	830543007	PHOTOSENSOR
19	832626001	BOBBIN WINDER UNIT (COMPLETE)
20	830528006	BOBBIN WINDER UNIT
21	830273003	SPRING
22	825220009	HINGE SCREW
23	625215005	SPRING
24	830145005	DECLUTCH ARM
25	625214004	HINGE SCREW
26	832520107	BELT COVER UNIT
27	000066705	SET SCREW 3X8
28	000115009	SET SCREW TP 3X8
29	832020009	HANDLE BASE PLATE (R)
30	830631003	IDLER UNIT
31	625217100	IDLER
32	000002806	SNAP RING E-6
33	830276006	TIMING BELT



KEY NO.	PARTS NO.	DESCRIPTION
1	832657001	KNEE LIFTER LINK UNIT
2	832210008	KNEE LIFTER LINK (1)
3	832213001	KNEE LIFTER ROD (1)
4	832214002	KNEE LIFTER LINK (2)
5	832215003	KNEE LIFTER ROD (2)
6	000002507	SNAP RING E-4
7	832211009	HINGE SCREW
8	000001609	SNAP RING E-5
9	832218006	KNEE LIFTER LINK (5)
10	832212000	KNEE LIFTER LINK SPRING
11	830338100	TENSION RELEASING LEVER PIN
12	000157209	SET SCREW 4X10
13	832651005	KNEE LIFTER LINK (3) UNIT
14	832216004	KNEE LIFTER LINK (3)
15	832217005	KNEE LIFTER LINK (4)
16	832232006	KNEE LIFTER LINK (6)
17	832234019	KNEE LIFTER LINK SHAFT

TO CHANGE THE FACE PLATE UNIT AND TOP COVER UNIT

FACE PLATE UNIT

TO REMOVE

1. Remove the two screws, and remove the face plate.

TO ATTACH

2. Tighten the two screws slightly, and attach the face plate.
3. Close the face plate, and check the unevenness between the face plate and arm. Tighten the screws securely.
4. Check if the face plate opens and closed normally, and adjust the position of the face plate spring, if necessary.

TOP COVER UNIT

TO REMOVE

1. Remove the two screws A and raise the handle, and then remove screw B.
2. Close the top cover and raise the handle, and then pull out the top cover unit in the direction of the arrow.

TO ATTACH

3. Raise the handle, and insert the top cover unit from the rear side.
4. Attach the top cover unit by tightening the two screws A and screw B.

