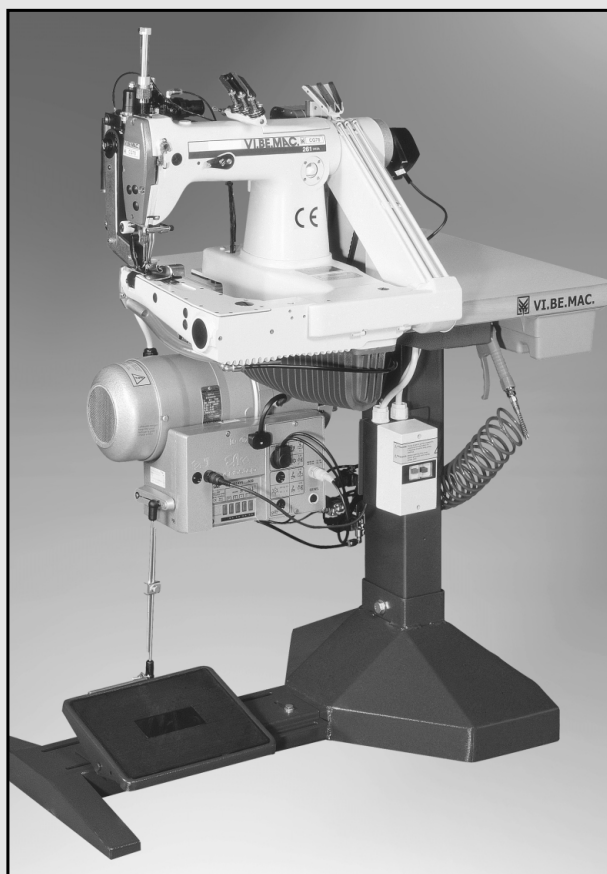


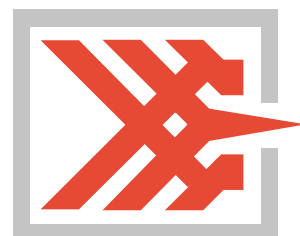


**UNITÁ RIBATTITRICE A
BRACCIO ROVESCIO**

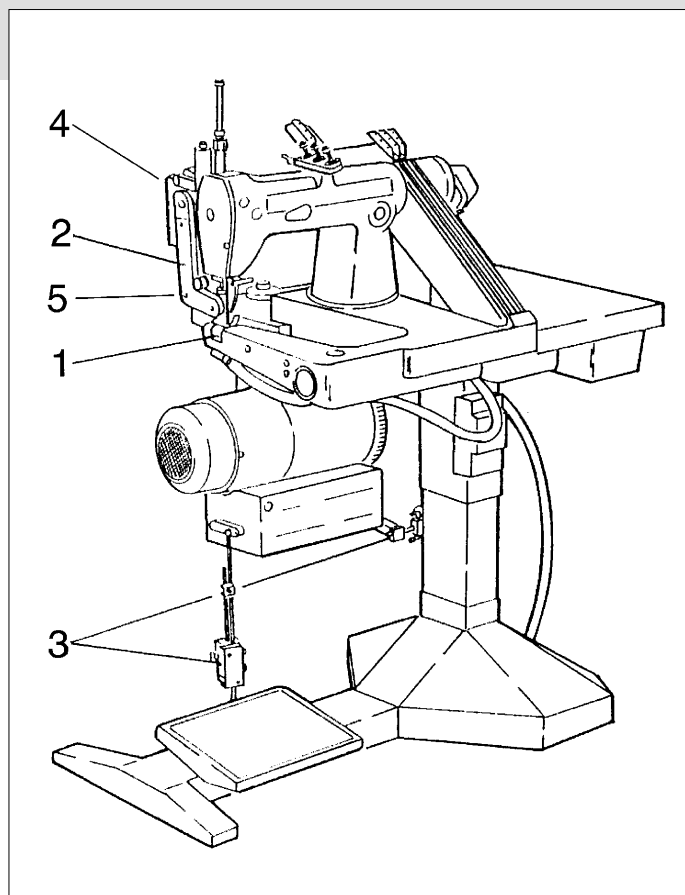
**REVERSE ARM LAP
FELLING UNIT**

SINGER
261 U 23/43

VIBE-MAC



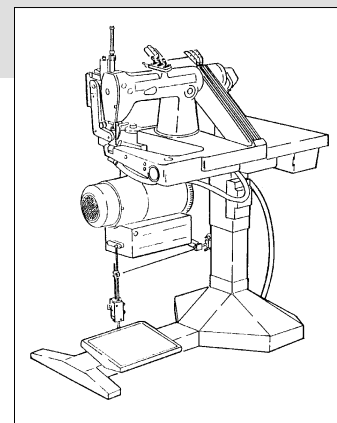
Componenti Parts



TAV. 1	Rasafilo e bassa inerzia	Thread trimmer and low inertia
TAV. 2	Puller	Puller
TAV. 3	Pneumatica	Pneumatics
TAV. 4	Zeromax	Zeromax
TAV. 5	Accessori	Accessories

TAV. 1

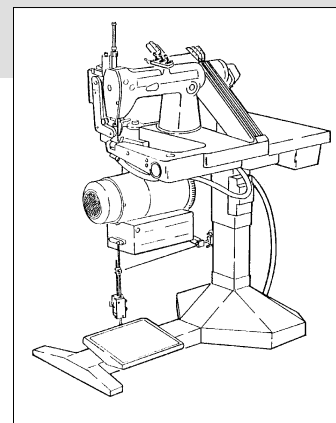
Rasafilo e bassa inerzia Thread trimmer and low inertia



N. pos.	Codice.	Denominazione	Description
1	261/014	PIASTRINA	SMALL PLATE
2	111RAS261	RASAFILO COMPLETO	COMPLETE THREAD TRIMMER
3	261/202	LAMETTA LETTURA SENSORE	SENSOR READER PLATE
4	NPNNO	SENSORE	SENSOR
5	12/40	PISTONE	PISTON
6	261/005	BULLONE	BOLT
7	A6 1/8-3/8	RACCORDO	CONNECTOR
8	17051614	DADO	NUT
9	M5X15B	VITE A BRUGOLA	ALLEN SCREW
10	M5X16G	GRANO	GRUB SCREW
11	261/002	SUPPORTO SOFFIATORE	BLOWER SUPPORT
12	M-5ALU-4	RACCORDO	CONNECTOR
13	261/003	KIT SOFFIATORE COMPLETO	COMPLETE BLOWER KIT
14	M5RB	RONDELLA BOMBATA	CONVEX WASHER
15	M5DA	DADO	NUT
16	261/004	SOFFIATORE	BLOWER
17	261/006	FORCELLA PER TRE AGHI	FORK FOR THREE NEEDLES
18	261/007	FORCELLA PER DUE AGHI	FORK FOR TWO NEEDLES
19	261/008	FORCELLA PER CAMICERIA	FORK FOR SHIRT-MAKING
20	261/009	VITE FISSA FORCELLA CAMICERIA	SHIRT-MAKING FORK FIXING SCREW
21	261/010	VITE FISSA FORCELLA DUE AGHI	TWO NEEDLE FORK FIXING SCREW
22	261/011	VITE FISSA FORCELLA TRE AGHI	THREE NEEDLE FORK FIXING SCREW
23	TUBO	TUBO VITREO	GLASS TUBE
24	113RAS261	ASPIRATORE	ASPIRATOR
25	M5R	RONDELLA	WASHER
26	M5X10B	VITE A BRUGOLA	ALLEN SCREW
27	804 6 1/8	RACCORDO	CONNECTOR
28	A10 1/8-1/8	RACCORDO	CONNECTOR
29	90RAS261	VITE SPECIALE	SPECIAL SCREW
30	110RAS261	PERNO MOVIMENTO COLTELLO	BLADE MOVEMENT PIN
31	100RAS261	MOLLA	SPRING
32	M4X20B	VITE A BRUGOLA	ALLEN SCREW
33	261/013	CORPO RASAFILO	THREAD TRIMMER BODY
34	40RAS261	MOLLA	SPRING
35	30RAS261	SFERA	BALL
36	50RAS261	MOLLA A BALESTRA	LEAF SPRING
37	70RAS261	DADO	NUT
38	20RAS261	COLTELLO PER RASAFILO	THREAD TRIMMER BLADE
39	10RAS261	PIASTRINA PER RASAFILO	
40	60RAS261	VITE A PERNO	PIN SCREW
41	80RAS261	VITE FISSA CONTROCOLTELLO	COUNTER-BLADE FIXING SCREW

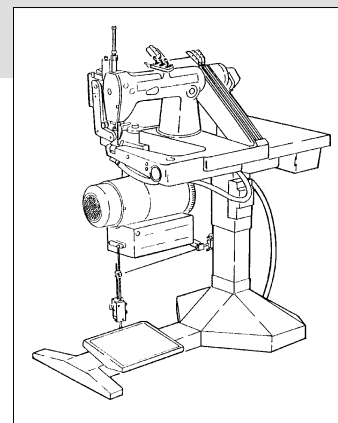
Puller

Puller



N. pos.	Codice.	Denominazione	Description
1	SFE8	SILENZIATORE A SFERA	ROUND SILENCER
2	20/20	PISTONE	PISTON
3	223CG80	ALZA PIEDINO	FOOT LIFT
4	261/049	MOLLA	SPRING
5	261/050	SEGHER	SEGER
6	TR42	TUBO	TUBE
7	804 4 1/8	RACCORDO	CONNECTOR
8	VMS1181/8	VALVOLA A MANICOTTO	SLEEVE VALVE
9	A18 1/8-1/8	RACCORDO	CONNECTOR
10	R1 4-1/8	RACCORDO	CONNECTOR
11	A5 1/8-1/8	RACCORDO	CONNECTOR
12	M8RT	RONDELLA A TAZZA	CUP WASHER
13	M8X50BB	VITE A BRUGOLA BOMBATA	CONVEX ALLEN SCREW
14	261/015	ATTACCO PULLER	PULLER ATTACHMENT
15	M6R	RONDELLA	WASHER
16	M6X25BTE	VITE A BRUGOLA TESTA ESAGONALE	HEXAGONAL HEADED ALLEN SCREW
17	MRFV4 1/8	RACCORDO	CONNECTOR
18	261/017	STAFFA SUPPORTO PULLER	PULLER SUPPORT BRACKET
19	M4X6G	GRANO	GRUB SCREW
20	M6D	DADO	NUT
21	A13 1/8-1/8	RACCORDO	CONNECTOR
22	M-01AU4	RACCORDO	CONNECTOR
23	261/016	DISTANZIALE	SPACER
24	M6X5G	GRANO	GRUB SCREW
25	261/509	PIGNONE SUPERIORE	UPPER PINION
26	261/032	ALBERINO	SMALL SHAFT
27	BOC16X12X8	BOCCOLA	BUSHING
28	BOC5X8X8	BOCCOLA	BUSHING
29	M4X8G	GRANO	GRUB SCREW
30	TTE8	TAPPO	CAP
31	MM0/4	MANOMETRO DA 4	4 PRESSURE GAUGE
32	R07-100-RNEG	REGOLATORE DI PRESSIONE	PRESSURE REGULATOR
33	M8R	RONDELLA	WASHER
34	M8DA	DADO AUTOBLOCCANTE	SELF-LOCKING NUT
35	M6X3G	GRANO	GRUB SCREW
36	261/045	GIUNTO CARDANICO	UNIVERSAL JOINT
37	BOC8X12X16C	BOCCOLA CON COLLARE	BUSHING
38	261/018	PERNO	PIN
39	M-5HC-4	RACCORDO	CONNECTOR
40	M5RP	RONDELLA DI PLASTICA	PLASTIC WASHER
41	17530/C	PISTONE	PISTON
42	OR17530	PARA OLIO DI GOMMA	RUBBER OIL GUARD
43	17530MOLLA	MOLLA	SPRING
44	M6D	DADO	NUT
45	WFF20	FORCELLA CON CLIPS	FORK WITH CLIPS
46	261/047	BARRA FILETTATA	THREADED BAR
47	261/046	DADO	NUT
48	M5X8G	GRANO	GRUB SCREW
49	M-5HL-4	MONTANTE PRINCIPALE	MAIN UPRIGHT
50	BOC4,5X8X12	BOCCOLA	BUSHING
51	261/042	ALBERINO	SMALL SHAFT
52	261/506	PIGNONE CENTRALE	CENTRAL PINION
53	261/034	DISTANZIALE	SPACER
54	M5X16G	GRANO	GRUB SCREW
55	261/038	VITE A BRUGOLA	ALLEN SCREW
56	261/037	CARTER	SAFETY GUARD
57	M5DA	DADO AUTOBLOCCANTE	SELF-LOCKING NUT
58	M5R	RONDELLA	WASHER
59	261/039	CARTER	SAFETY GUARD
60	261/036	CINGHIA PULLER NERA	BLACK PULLER BELT
61	261/510	SUPPORTO PER RULLO	ROLLER SUPPORT

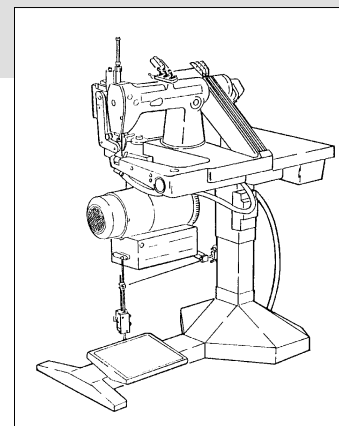
Puller Puller



N. pos.	Codice.	Denominazione	Description
62	M4X4G	GRANO	GRUB SCREW
63	261/508	PIGNONE LISCIO INFERIORE	LOWER SMOOTH PINION
64	261/505	PERNO	PIN
65	M5X39TE	VITE A TESTA ESAGONALE	HEXAGONAL HEADED SCREW
66	PAP0608P10	BUSSOLA	BUSH
67	261/030	SEGHER	SEGER
68	261/507	RULLO TENDI CINGHIA	BELT HOLDING ROLLER
69	261/044	PERNO	PIN
70	261/026	LAMA SUPPORTO TIRACINGHIA	BELT DRAWER SUPPORT PLATE
71	261/024	MOLLA	SPRING
72	261/023	BARRA FILETTATA	THREADED BAR
73	261/025	BUSSOLA	BUSH
74	4316 5/16 24X5/8	VITE A BRUGOLA	ALLEN SCREW

Pneumatica

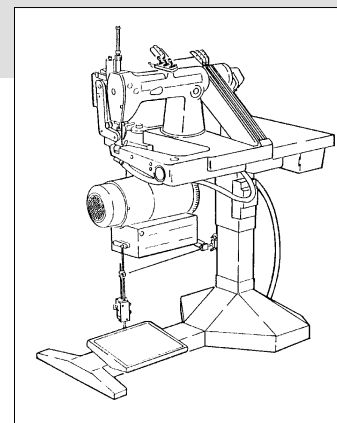
Pneumatics



N. pos.	Codice.	Denominazione	Description
1	R1 8-1/8	RACCORDO	CONNECTOR
2	VMS1181/8	VALVOLA RUBINETTO ARIA	AIR COCK VALVE
3	A17 1/8-1/8	RACCORDO	CONNECTOR
4	R1 6-1/8	RACCORDO	CONNECTOR
5	FR1/4	RIDUTTORE DI PRESSIONE	PRESSURE REDUCER
6	MM0/6	MANOMETRO DA 6	6 PRESSURE GAUGE
7	M4X40TPC	VITE A BRUGOLA	ALLEN SCREW
8	A4 1/8-1/4	RACCORDO	CONNECTOR
9	3033 1/8	RIPARTITORE D'ARIA	AIR DISTRIBUTOR
10	A2 1/8-1/8	RACCORDO	CONNECTOR
11	A2 1/8-1/4	RACCORDO	CONNECTOR
12	R1 4-1/8	RACCORDO	CONNECTOR
13	TTE8	TAPPO	CAP
14	PA13 M5	VALVOLA	VALVE
15	804 6 1/8	RACCORDO	CONNECTOR
16	SA16 24CC	BOBINA	BOBBIN
17	CA1	CONNETTORE	CONNECTOR
18	804 4 1/8	RACCORDO	CONNECTOR
19	50 6/4-1/4	RACCORDO	CONNECTOR
20	RO715	PISTOLA SOFFIA ARIA	AIR GUN
21	TRS64	SPIRALE RILSAN	RILSAN SPIRAL
22	17 6/4	RACCORDO	CONNECTOR
23	04	RACCORDO	CONNECTOR
24	6610 4 1/8	RACCORDO	CONNECTOR
25	1631 01 1/8	RACCORDO RAPIDO	RAPID CONNECTOR
26	2661 1/8	GUARNIZIONE TENUTA	SEAL
27	KIT	KIT ASTA PEDALIERA	PEDAL ROD KIT
28	XL55420Y	MOTORE MITSUBISHI	MITSUBISHI MOTOR
29	XCEMFY	CONTROLLO BOX MITSUBISHI	MITSUBISHI BOX CONTROL
30	1650/051	DADO FISSAGGIO BOBINA	BOBBIN FIXING NUT
31	OR2031	ANELLO GUARNIZIONE	O RING

TAV. 4

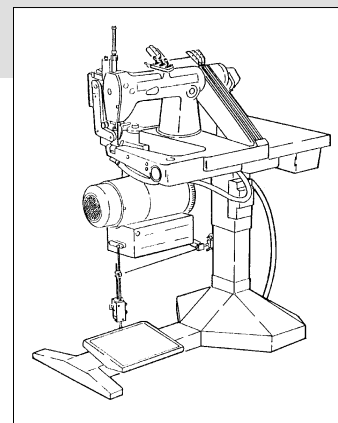
Zeromax



N. pos.	Codice.	Denominazione	Description
1	261/052	GIUNTO COMPENSATORE	COMPENSATING JOINT
2	261/020	GIUNTO CARDANICO DA 9	9 UNIVERSAL JOINT
3	M6X5G	GRANO	GRUB SCREW
4	150L050	CINGHIA DENTATA	COGGED BELT
5	M6X6G	GRANO	GRUB SCREW
6	261/021	PULEGGIA 20 DENTI	20 TOOTH PULLEY
7	M6R	RONDELLA	WASHER
8	M6X15B	VITE A BRUGOLA	ALLEN SCREW
9	261/022	BUSSOLA	BUSH
10	E2	ZEROMAX TIPO E2	ZEROMAX TYPE E2
11	TA3922	STAFFA PORTA ZEROMAX	ZEROMAX SUPPORT BRACKET
12	225CG80	VOLANTINO	HANDWHEEL
13	M6X20G	GRANO	GRUB SCREW
14	M6X5BTE	VITE A BRUGOLA TESTA ESAGONALE	ALLEN SCREW
15	TA3923A	CARTER	SAFETY GUARD
16	M6X10B	VITE A BRUGOLA	ALLEN SCREW
17	207CG80	STAFFA FISSA CARTER	SAFETY GUARD FIXING BRACKET
18	TA3923B	ANGOLARE	ANGLE BAR

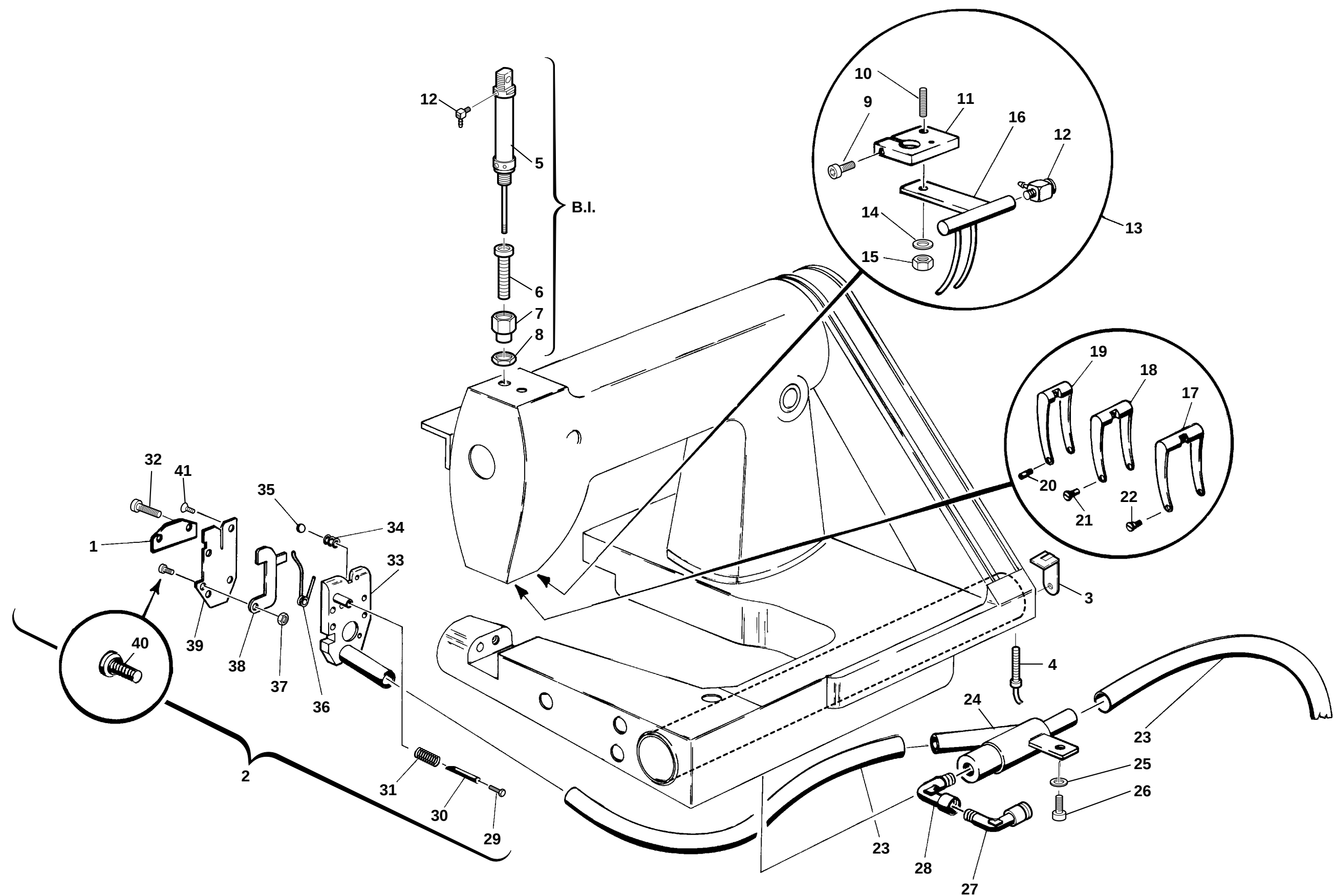
Accessori

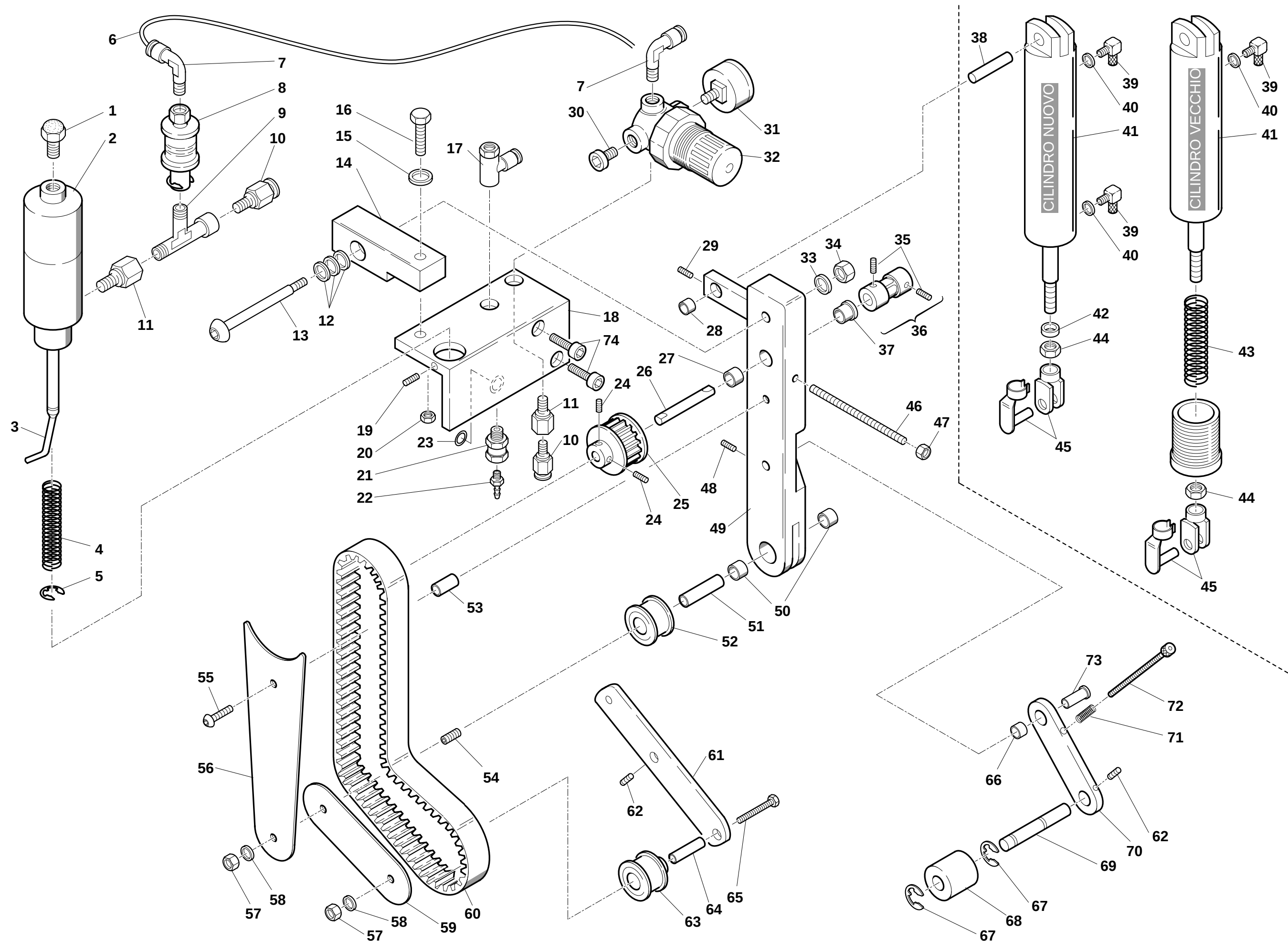
Accessories

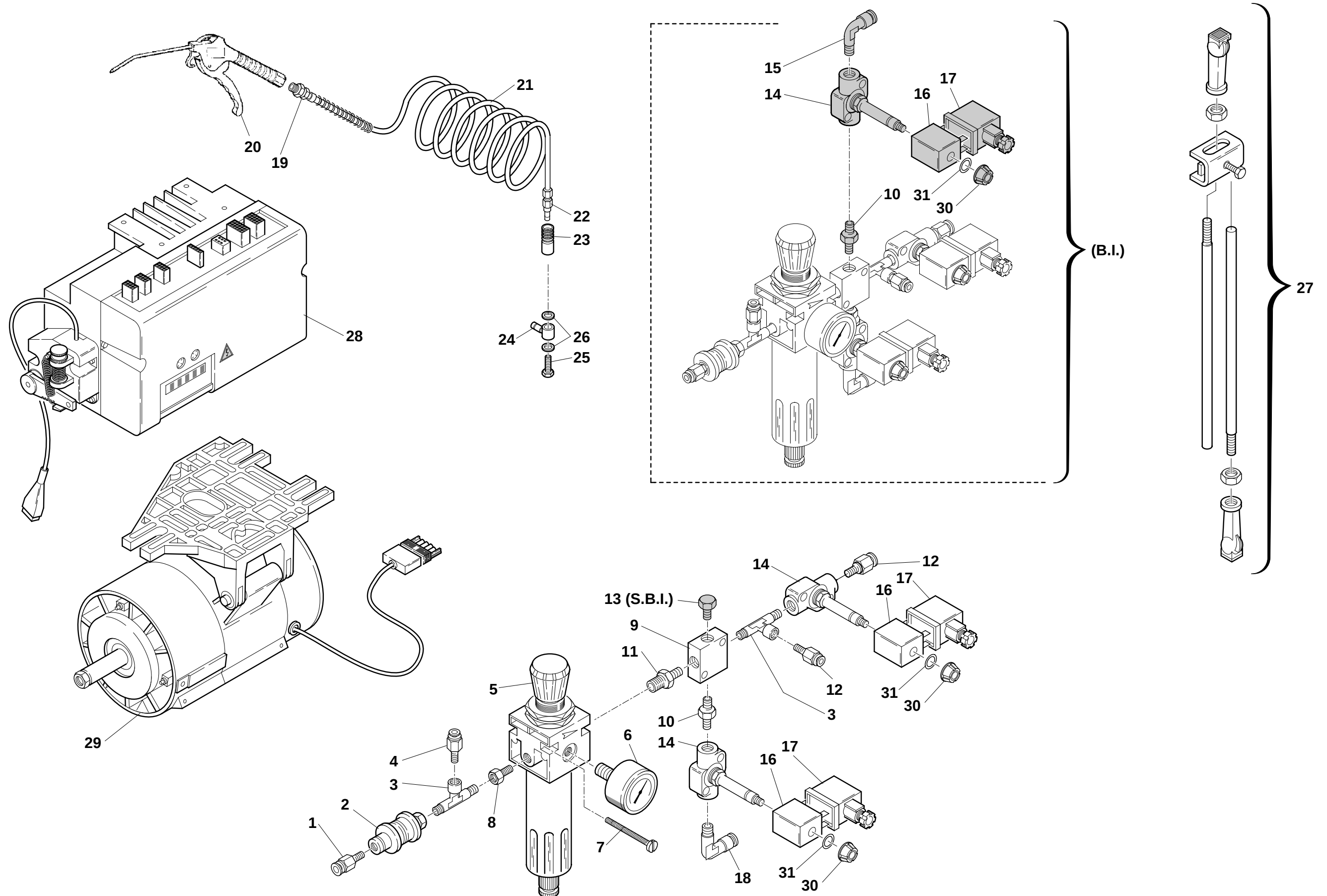


N. pos.	Codice.	Denominazione	Description
1	07S13045001	GRIFFA A 3 AGHI	THREE NEEDLE JAW
2	07181716	MORSETTO 3 AGHI NORMALE	NORMAL THREE NEEDLE CLAMP
3	07148875	SALVA AGO	NEEDLE PROTECTION
4	07148874	MORSETTO CROCHET INTERNO	INTERNAL ROTARY HOOK CLAMP
5	07148872	MORSETTO CROCHET CENTRALE	CENTRAL ROTARY HOOK CLAMP
6	07148873	MORSETTO CROCHET ESTERNO	EXTERNAL ROTARY HOOK CLAMP
7	07148876	SUPPORTO PER SALVA AGO	NEEDLE PROTECTION SUPPORT
8	07S13043001	PIEDINO NORMALE 3 AGHI	NORMAL THREE NEEDLE FOOT
9	07148869	CROCHET CORTO	SHORT ROTARY HOOK
10	07148870	CROCHET MEDIO	MEDIUM ROTARY HOOK
11	07148871	CROCHET LUNGO	LONG ROTARY HOOK
12	07S13042001	PLACCA AGO NORMALE	NORMAL NEEDLE PLATE
13	RIBATTITORE	RIBATTITORE Dritto	STRAIGHT RIVETER
14	RIBATTITORE	RIBATTITORE ROVESCIO	REVERSE RIVETER

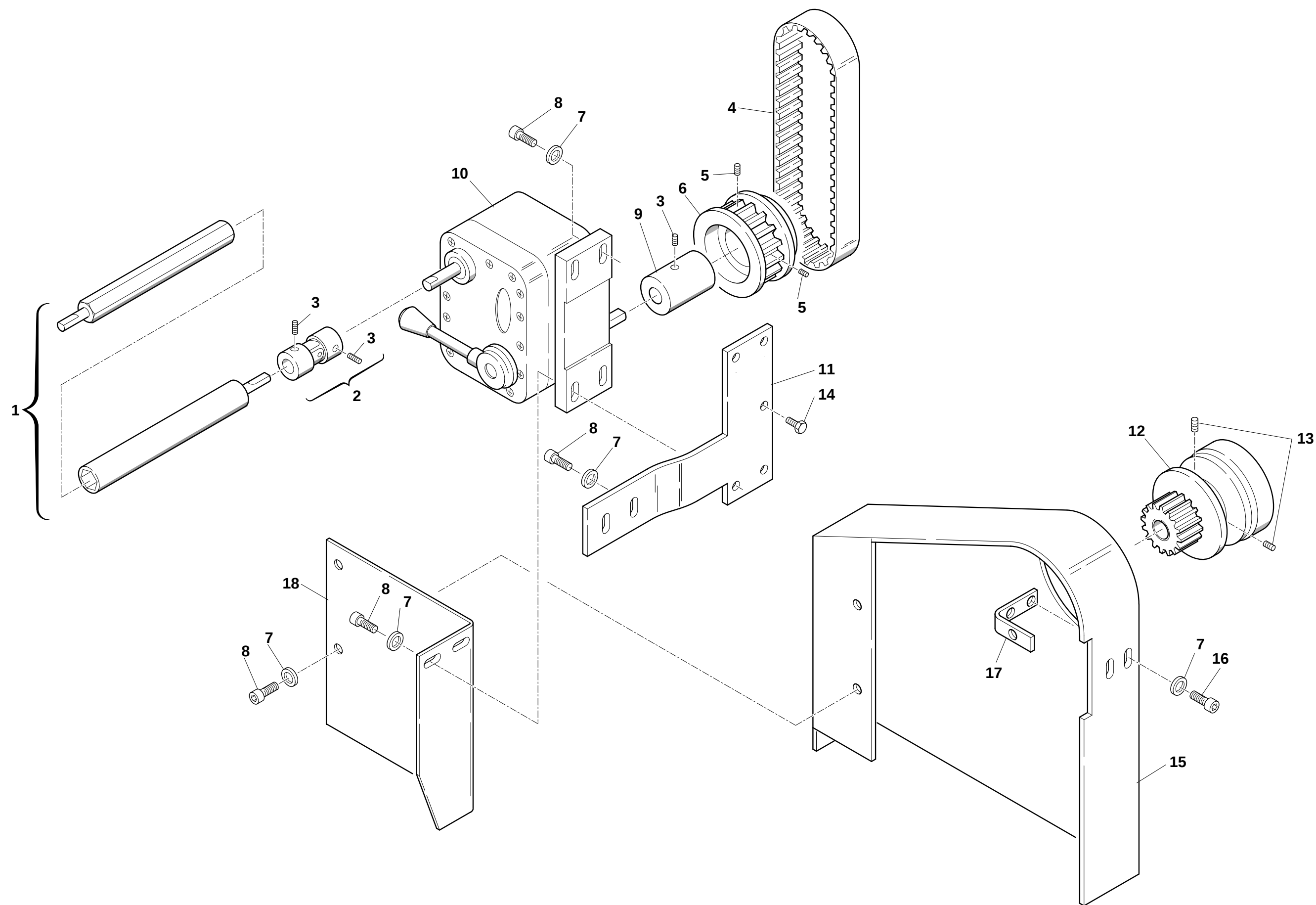


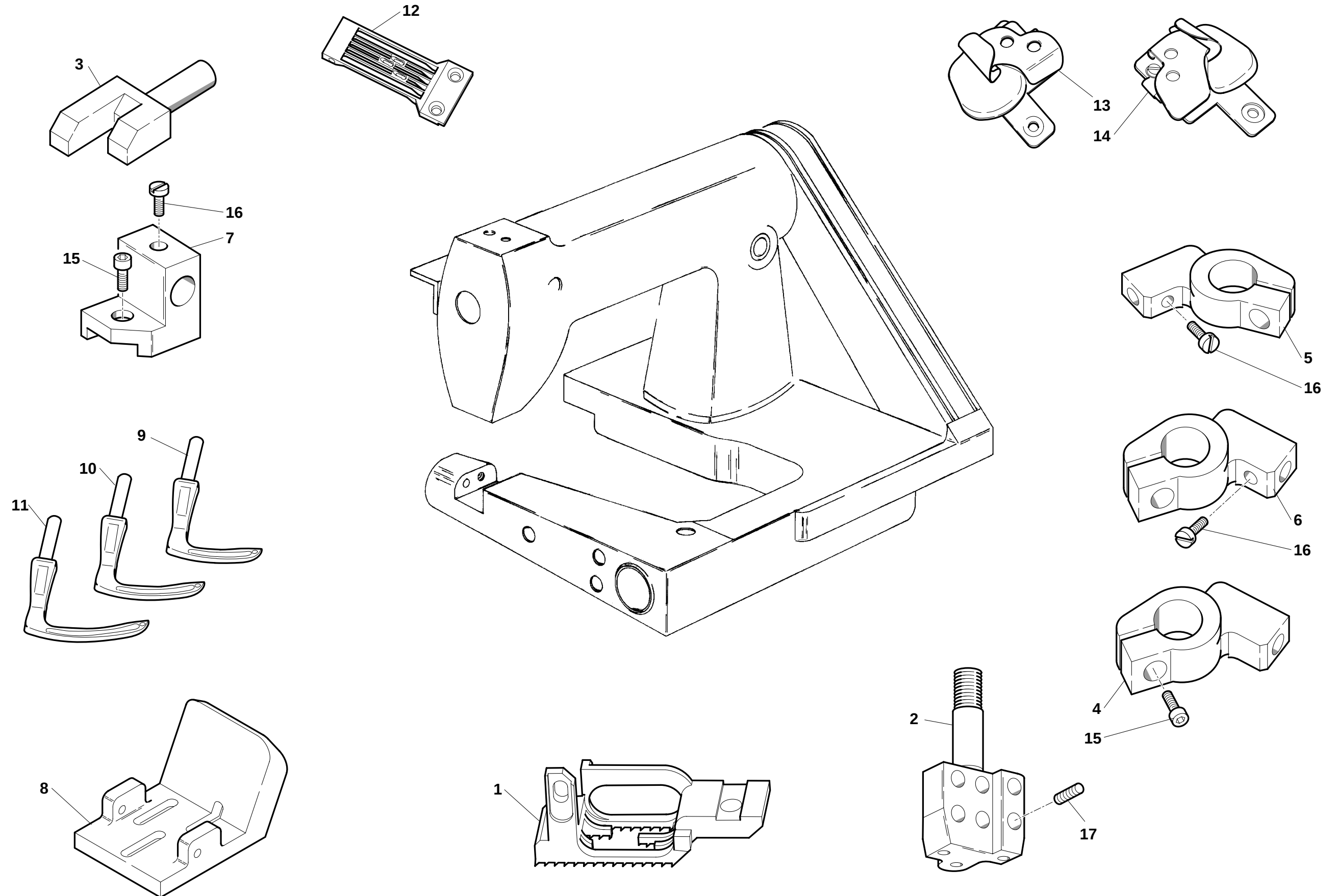






B.I. = Con bassa inerzia
S.B.I. = Senza bassa inerzia





ILLUSTRATED PARTS LIST

FOR



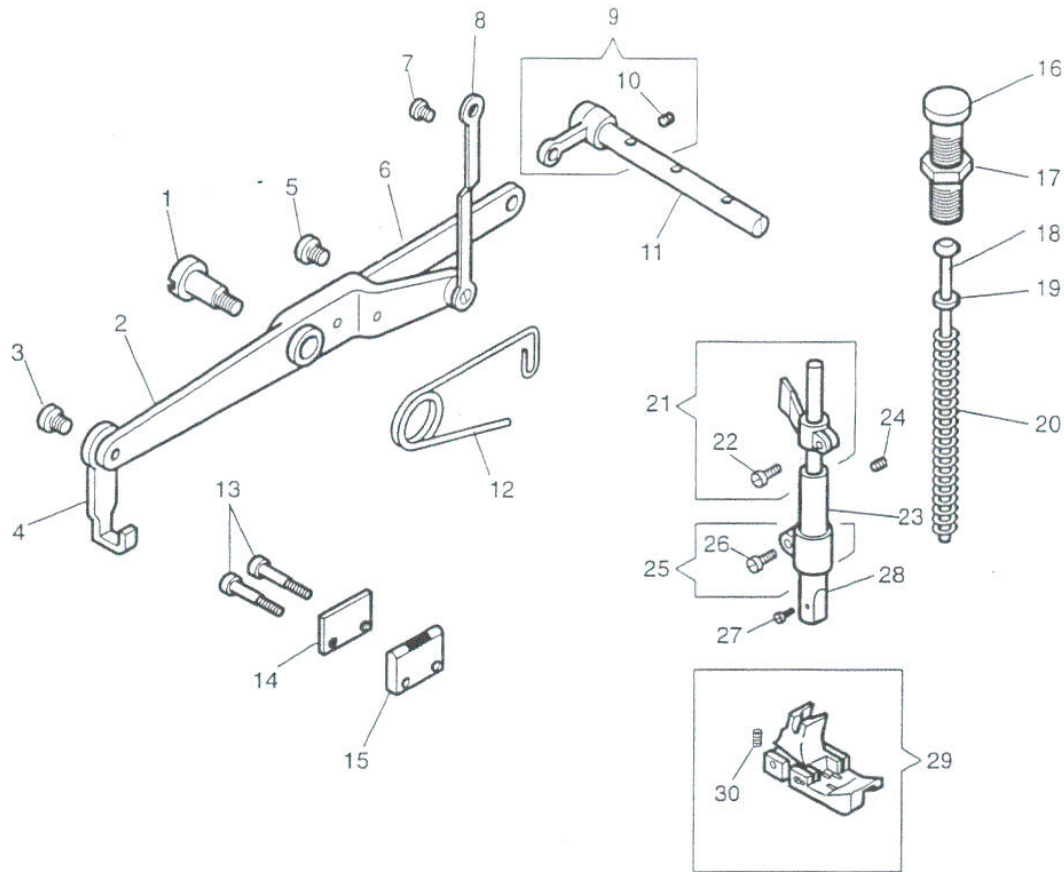
MACHINE

2261H

CONTENTS

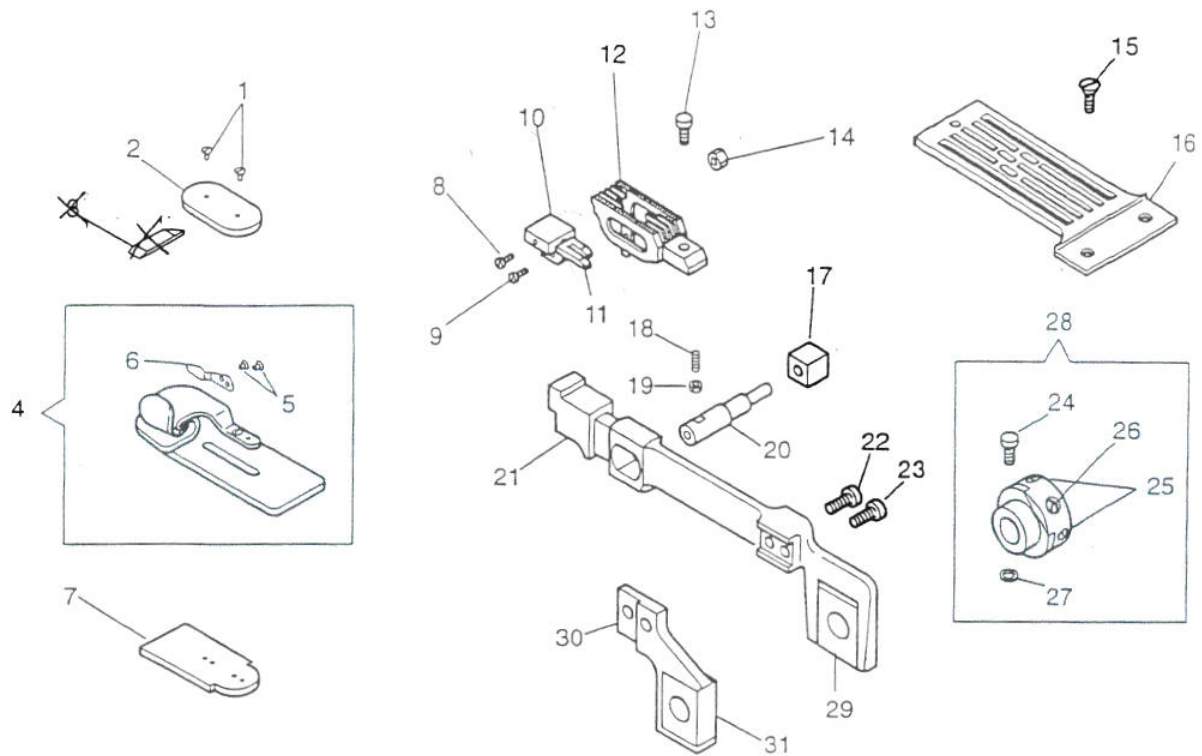
1. Presser Bar, Presser Foot and Thread Cutter.....	
2. Feed Mechanism, Throat Plate and Lap Seem Feller.....	
3. Looper Mechanism.....	
4. Upright Shaft and Lubrification System.....	
5. Arm Shaft and Machine Pulley.....	
6. Needle Bar and Take-up Lever.....	
7. Bed Rotare Shaft.....	
8-1. Looper Thread Guide and Belt Guard.....	
8-2. Looper Thread Guide and Belt Guard.....	
9. Needle Thread Guide and Tension.....	
10-1. Covers.....	
10-2. Covers.....	
11. Oil Reservoir and Arm Screw.....	
12. Others.....	

1. Presser Bar, Presser Foot and Thread Cutter



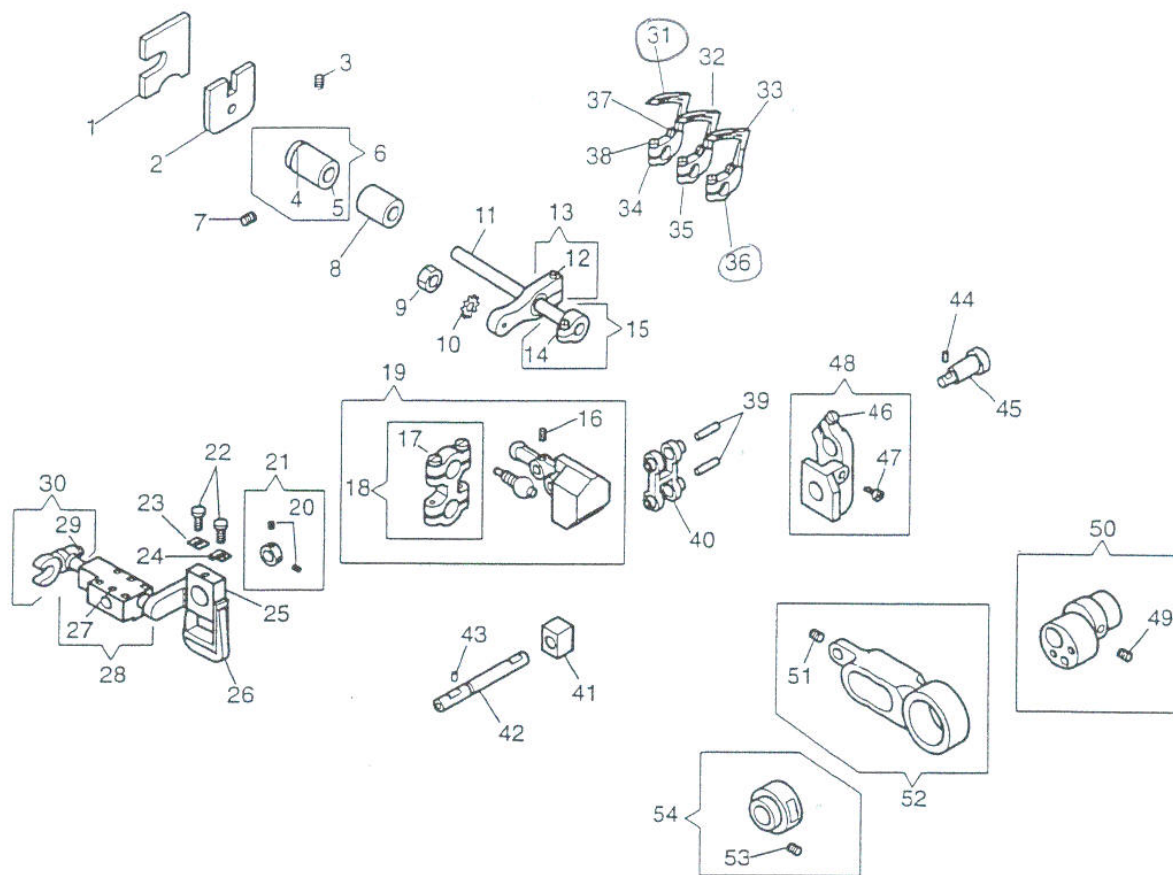
	PART NO.	DESCRIPTION		
1	802	Hinge Screw	100802	
2	416081-469	Presser Bar Lifting Lever	143510	
3	807	Hinge Screw	100807	
4	146676	Presser Bar Lifting Bracket Lifter	146676	
5	504076	Screw(2)	100161	
6	146609	Presser Bar Lifting Lever Extension	146609	
7	416130	Screw(2)	100110	
8	146620	Connecting Link	146620	
9	416024	Tension (needle thread) Releasing Shaft Crank Assembly	416024	
10	504134	Set Screw	100624	
11	68003	Releasing Shaft	168003	
12	143511-001	Spring	143511	
13	50225	Screw(2)	15025	
14	139181	Thread Cutter(knife)	139181	
15	143524	Thread Cutter Support and Guide	143524	
16	416052	Thumb Screw	141008	
17	416021	Nut	151614	
18	32833	Guide Pin	132833	
19	175032	Washer	175032	
20	146159	Presser Bar Spring	146159	
21	416115	Presser Bar Lifting Bracket Assembly	416115	
22	416005	Screw	101057	
23	146751	Presser Bar Bushing (lower)	146751	
24	1133	Set Screw	101133	
25	416116	Presser Bar Stop Assembly	416116	
26	416134	Screw	8040	
27	416134	Screw	8040	
28	416041	Presser Bar	139462	
29	372848	Presser Foot (1/8"-1/8")	372848	
30	372849	Spring	372842	
			109610	

2. Feed Mechanism , Throat Plate and Lap Seem Feller



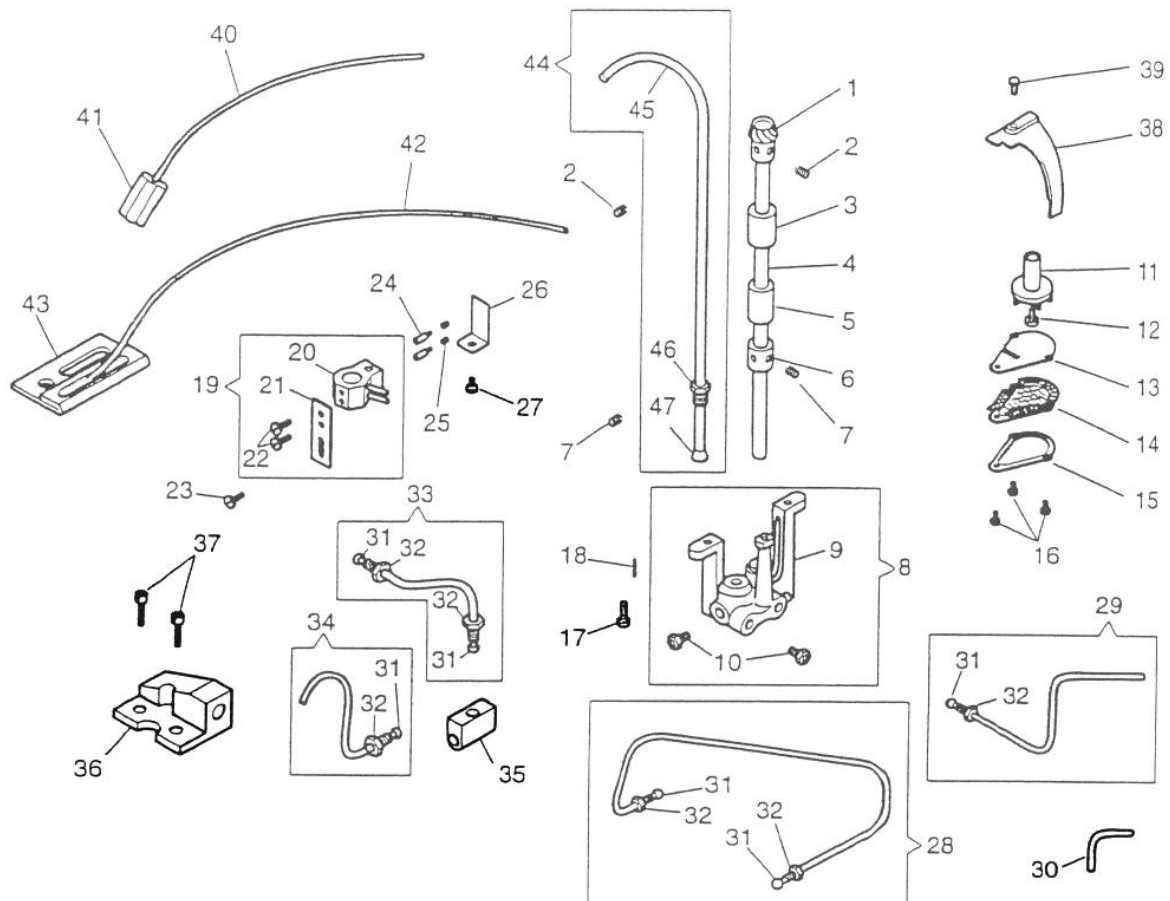
	PART NO.	DESCRIPTION		
1	1443	Screw(2)	101443	
2	121449	Capping Plate	96	
3	22957	Lap Seem Feller Slide Filler Plate		
4	121629-505	Lap Seem Feller (1/4" H) Assembly	121629TS	
5	662	Screw(2)	100662	
6	230066	Lap Seem Feller Spring	96	
7	416036	Lap Seem Feller Slide	139366	
8	372846	Screw	372846	111443
9	372847	Screw	372847	9671012
10	372205	Needle Guard Holder	372205	
11	372204	Needle Guard	372204	
12	372203	Feed Dog (for 1/8"-1/8")	372203	
13	1255	Screw	101255	
14	372206	Nut	372206	
15	691	Screw(3)	100691	
16	372850	Throat Plate (for 1/8"-1/8")	372850	
17	139046	Slide Block	139046	
18	443	Set Screw	100443	
19	545407	Nut	101520	
20	416145	Feed Bar Hinge Pin (eccentric)	134737	
21	143448	Feed Bar	143448	
22	504084	Screw	100914	
23	545385	Screw	100172	
24	416018	Feed Regulating Screw	150328	
25	51061	Set Screw(2)	151061	
26	416139	Screw	100217	
27	7071	Washer	107071	
28	416071	Feed Eccentric (adjustable) Assembly	416071	
29	143450	Slide Block	143450	
30	416040	Feed Lifting Eccentric Forked Connection	139432	
31	143451	Slide Block	143451	

3. Looper Mechanism



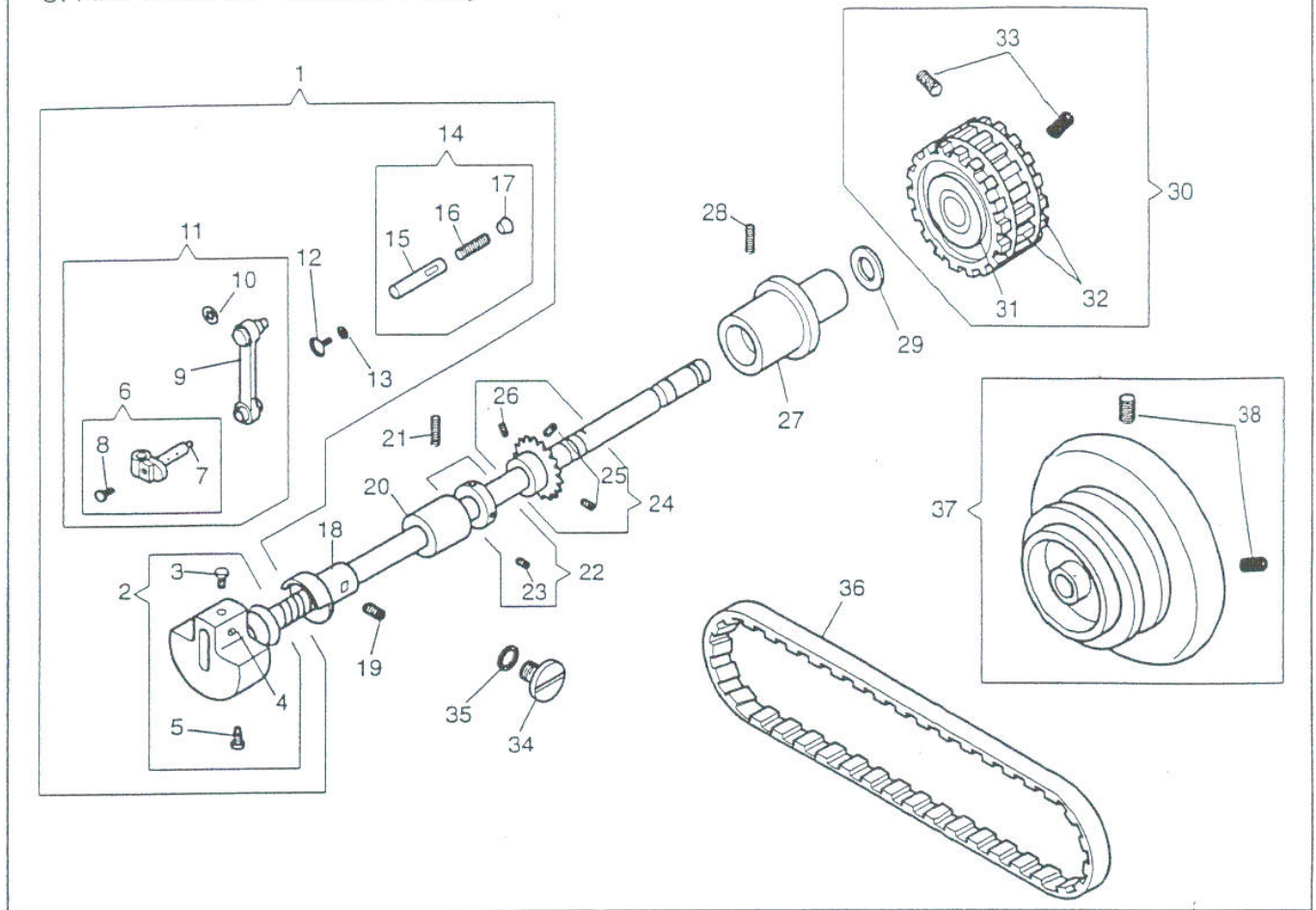
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1	143646 Gasket	33	372845 Looper (front)
2	143614 Bed Oil Shield (felt, lower)	34	372840 Looper Holder (back)
3	454 Set Screw	35	372841 Looper Holder (intermediate)
4	143551 Oil Seal (rubber)	36	372842 Looper Holder (front)
5	143485 Bushing (back)	37	372846 Screw(3)
6	143552 Looper Holder Shaft Bushing (back)	38	372847 Screw (3)
7	443 Set Screw	39	139065 Hinge Pin (2)
8	143486 Bushing (front)	40	139064 Connecting Link
9	545407 Nut	41	139074 Slide Block
10	128551 Washer	42	416148 Slide Block Stud
11	375199 Looper Holder Shaft	43	446 Set Screw
12	416005 Screw	44	446 Set Screw
13	416026 Looper Driving Arm Connection Crank	45	139534 Hinge Stud
14	416005 Screw	46	416020 Screw
15	416027 Looper Holder Shaft Collar Assembly	47	545390 Screw (2)
16	1047 Set Screw	48	416043 Looper Eccentric Collar and Support
17	416132 Screw(4)	49	545068 Set Screw (2)
18	416127 Looper Driving Arm Connection	50	416091 Looper Eccentric and Feed Lifting Assembly
19	32355 Looper Driving Arm Assembly	51	1047 Set Screw
20	504048 Set Screw(2)	52	143462 Looper Eccentric Connection
21	416072 Looper Avoiding Eccentric Assembly	53	416044 Set Screw
22	226 Screw(2)	54	143644 Bed Rotary Shaft Bushing (left)
23	143459 Slide Block Cover (back)		
24	143460 Slide Block Cover (front)		
25	143458 Slide Block		
26	143455 Forked Connection		
27	456 Set Screw		
28	416074 Forked Connection Bracket Assembly		
29	549030 Looper (back)		
30	416075 Forked Connection Crank Assembly		
31	372843 Looper (back)		
32	372844 Looper (intermediate)		

4. Upright Shaft and Lubrication System



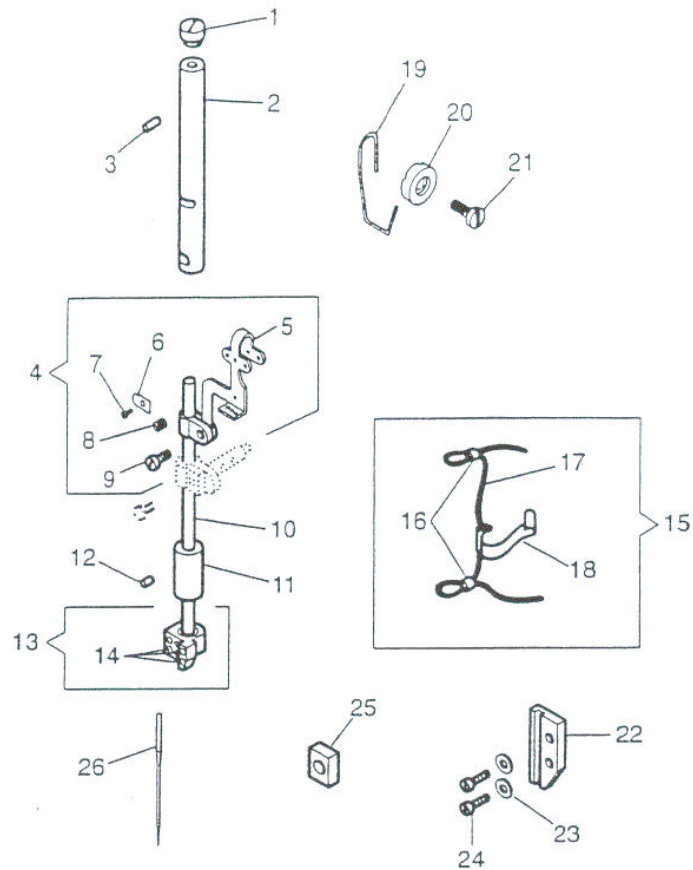
	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION	
1	416061	Bevel Gear Assembly	416061	33	416102 Oil Pipe Assembly	416102
2	545068	Set Screw (2)	10828	34	416103 Oil Tube Assembly	416103
3	147111-001	Arm Shaft (upright) Bushing (upper)	147111	35	416101 Oil Tube Connection	143648
4	372829	Arm Shaft (upright)	372829	36	416078 Oil Connection	143457
5	146505	Arm Shaft (upright) Bushing (lower)	146505	37	416001 Screw (2)	50025
6	416067	Arm Shaft (upright) Collar Assembly	416067	38	143370 Oil Lead	143370
7	545068	Set Screw (2)	10828	39	416020 Screw	151369
8	372803	Oil Pump Body Assembly	416114	40	415930 Oil Removing Tube	415930
9	372801	Oil Pump Body	372801	41	16380 Oil Removing Lint Screen	16380
10	416065	Oil Pipe Clamping Sleeve Adapter (2)	143126	42	376425 Oil Removing Tube-Wire Assembly	376425
11	416063	Oil Pump Impeller	143073	43	158240 Oil Removing Tube (head end) Screen	158240
12	545252	Screw	6339	44	416125 Oil Pipe Assembly	416125
13	146600	Oil Pump (centrifugal) Cover	146600	45	143503 Oil Pipe	143503
14	146657	Oil Pump Screw	146657	46	416062 Oil Pipe Clamping Sleeve Nut	143066
15	146658	Oil Pump Screen Frame	146658	47	143065 Oil Pipe Clamping Sleeve	143065
16	545193	Screw (3)	100189			
17	545183	Screw (3)	100157			
18	143071	Position Pin (2)	8020-02			
19	375065	Oil Removing Pump Assembly	375065			
20	375066	Oil Removing Pump (body)	375066			
21	540555	Oil Removing Pump Bracket	540555			
22	545239	Set Screw (2)	545239			
23	545239	Set Screw	545239			
24	540556	Oil Removing Pump Piston (2)	540556			
25	540625	Piston Spring (2)	540625			
26	375068	Piston Spring Bracket	375068			
27	504010-451	Screw	504010			
28	416100	Oil Pipe Assembly	416100			
29	416126	Oil Pipe Assembly	416126			
30	143622	Oil Return Tube	143622			
31	143124	Oil Pipe Clamping Sleeve (6)	143124			
32	416064	Oil Pipe Clamping Sleeve Nut (6)	143125			

5. Arm Shaft and Machine Pulley



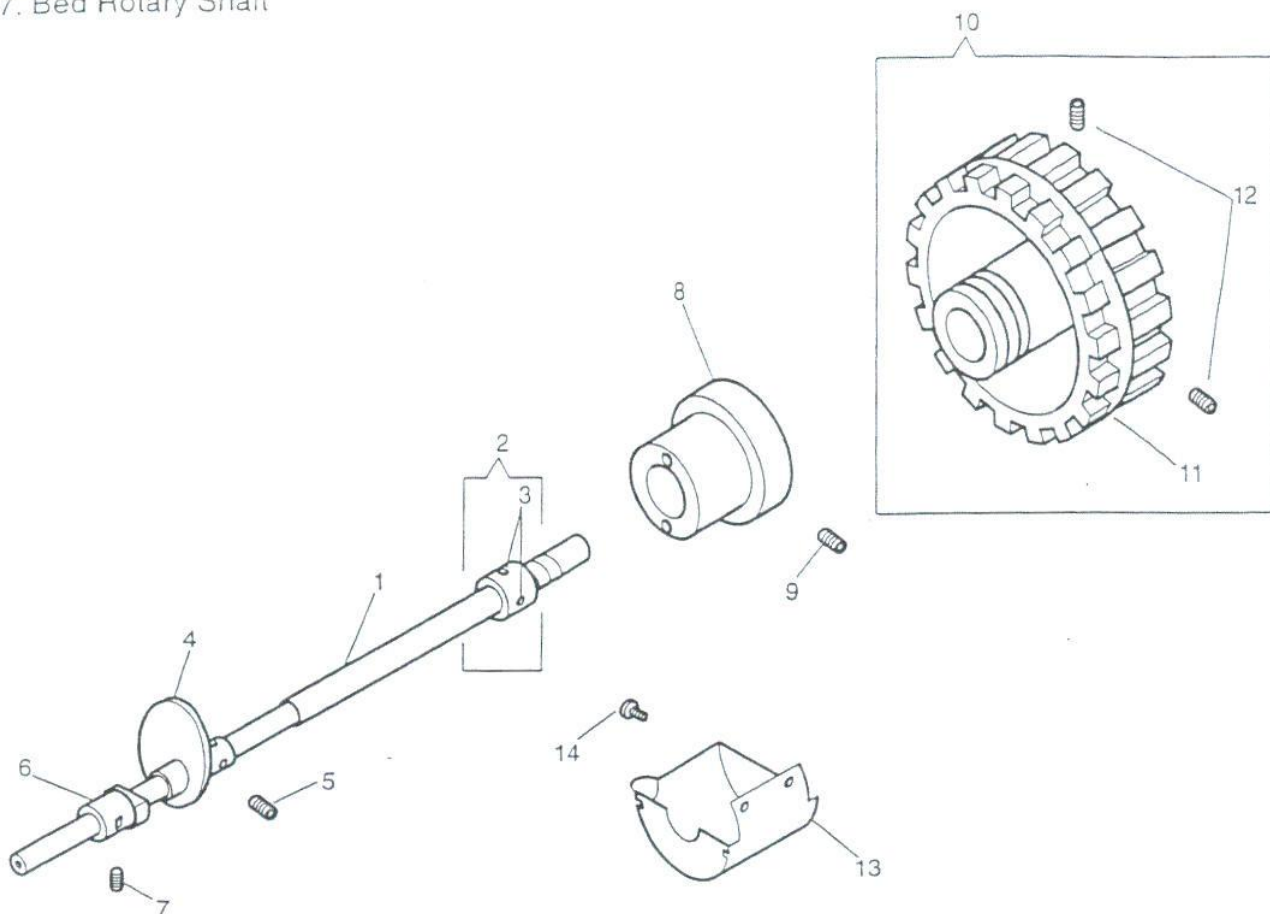
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1	143637 Arm Rotary Shaft Assembly	33	416054 Set Screw (2)
2	416099 Arm Rotary Shaft and Crank	34	416058 Screw
3	416048 Screw	35	147070 Washer
4	504095 Set Screw	36	264715 Bed Rotary Shaft Belt
5	504120 Position Screw	37	416039-466 Machine Pulley Assembly
6	416123 Needle Bar Connecting Stud Assembly	38	51283 Set Screw (2)
7	143619 Oil Wick		
8	140061 Screw		
9	139533 Screw Cap		
10	14475 Needle Bar Connecting Link Screw Cap		
11	416122 Needle Bar Connecting Link Assembly		
12	416045 Arm Rotary Shaft Screw Plug (front)		
13	143236 Washer		
14	372827 Needle Bar Connecting Link Hinge Stud		
15	20810 Needle Bar Connecting Link Hinge Stud		
16	372828 Oil Wick		
17	156190 Hinge Stud Plug		
18	146672 Arm Rotary Shaft Flanged Bushing (front) Assembly		
19	416044 Set Screw		
20	152503 Arm Rotary Shaft Bushing (center)		
21	416124 Set Screw		
22	416119 Arm Rotary Shaft Thrust Collar Assembly		
23	504134 Set Screw (2)		
24	416118 Bevel Gear Assembly		
25	545068 Set Screw (2)		
26	549084 Screw		
27	372797 Arm Rotary Shaft Flanged Bushing (back)		
28	416124 Set Screw		
29	543871-012 Oil Retaining Ring		
30	375143 Arm Rotary Shaft Sprocket Wheel Assembly		
31	372796 Ball Bearing (2)		
32	202253 Sprocket Wheel Spring Flange (2)		

6. Needle Bar and Take-up Lever



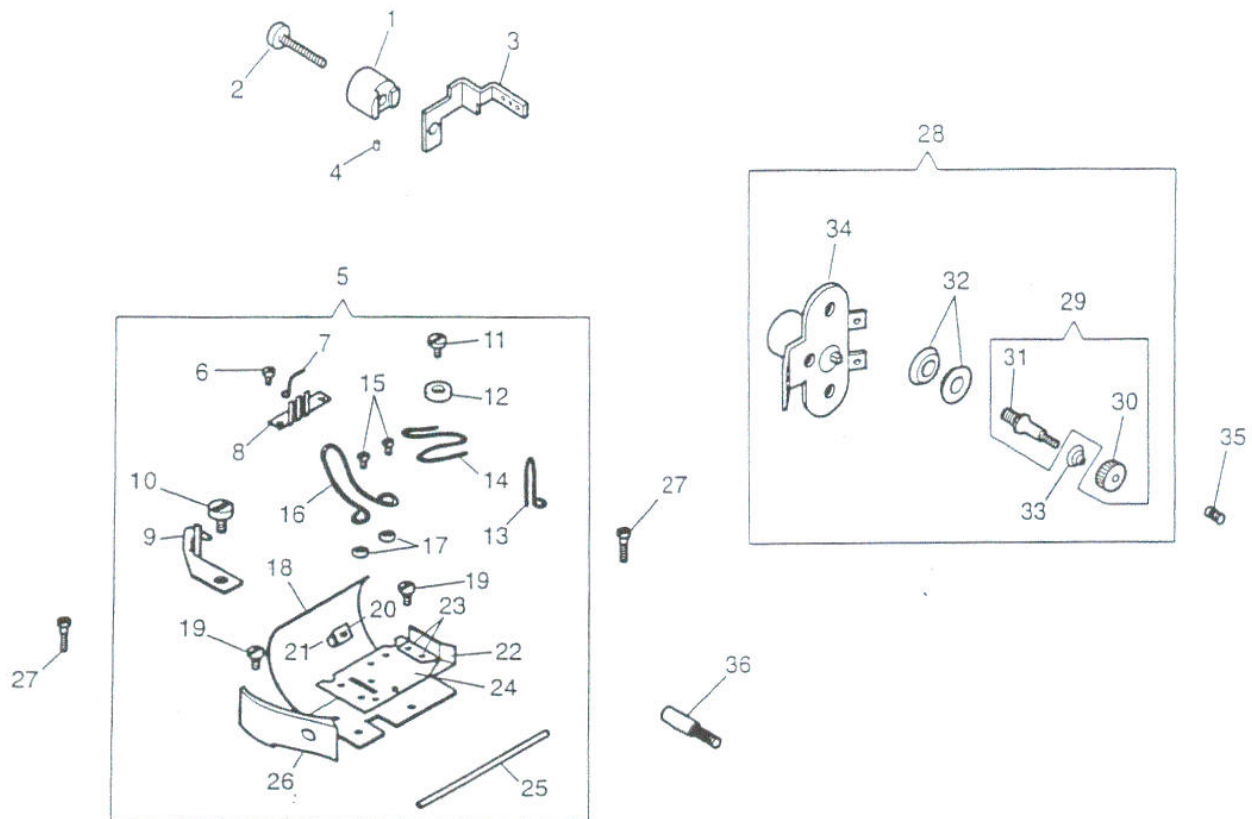
	PART NO.	DESCRIPTION		
1	140440	Screw	140440	146427
2	416112	Needle Bar Bushing (upper)	146576	
3	1133	Set Screw	101133	
4	416038	Thread (needle) Take-up Assembly	416038	
5	416037	Thread (needle) Take-up with 416146	416037	
6	68008	Plate	168008	
7	416007	Screw	101449	
8	68164	Spring	168164	
9	416146	Screw	8060	
10	146573	Needle Bar	146573	
11	372799	Needle Bar Bushing (lower)	372799	
12	1133	Set Screw	101133	
13	372201	Needle Clamp Assembly (for 1/8"-1/8")	372201	
14	372202	Set Screw (3)	372202	
15	146805	Needle Bar Bushing Oil Wick Assembly	146805	
16	146580	Oil Wick Clip (2)	146580	
17	146804	Needle Bar Bushing Oil Wick	146804	
18	146703	Oil Wick Clamp and Retainer	146703	
19	139393	Slack Thread Controller	139393	
20	54242	Slack Thread Controller Clamp	154242	
21	416133	Screw	100176	
22	146908	Slide Block Guide	146908	
23	59456	Washer (2)	159456	
24	416008	Screw (2)	101485	
25	139111	Slide Block	139111	
26	Cat.3651-05	Needle (3)	N 4621	

7. Bed Rotary Shaft



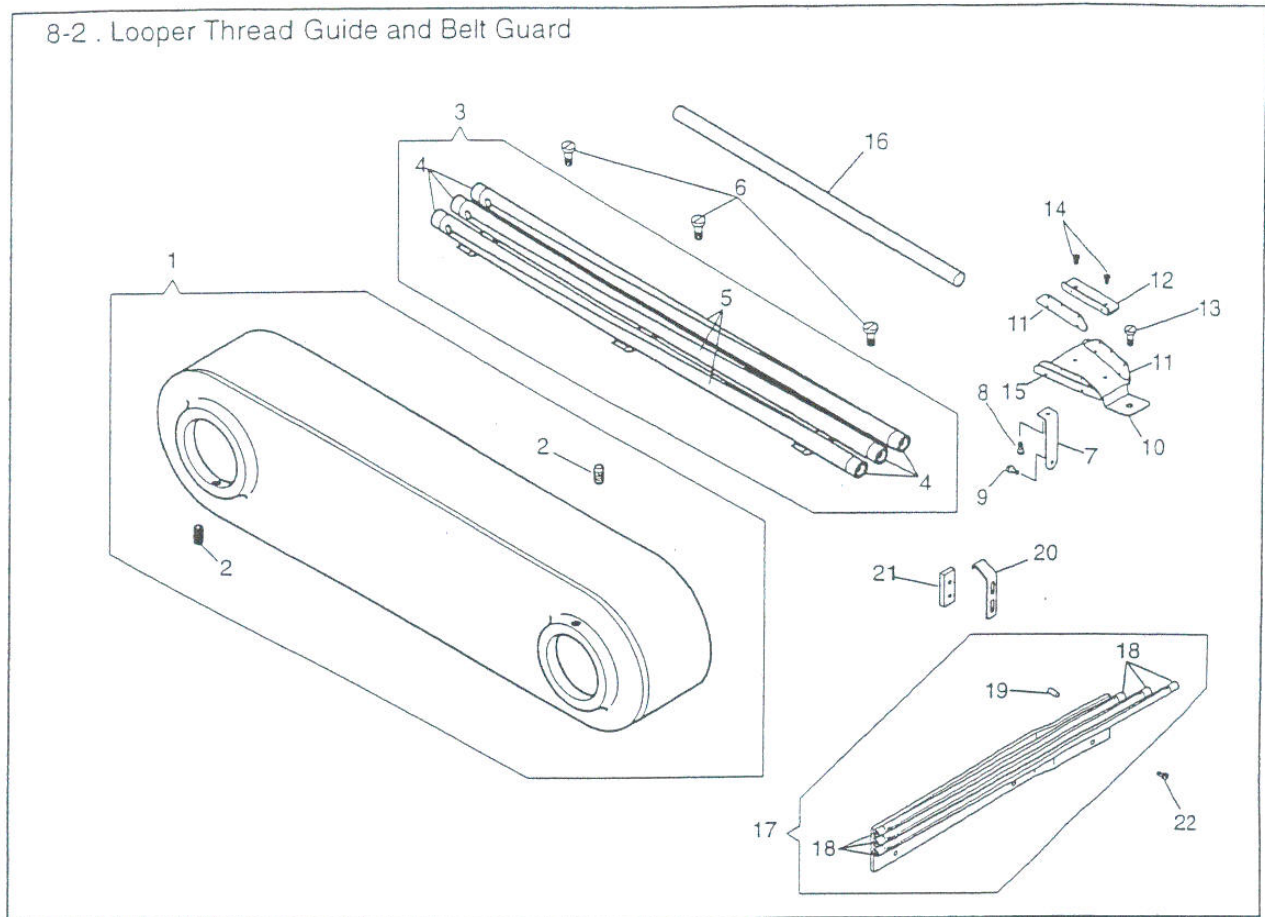
	PART NO.	DESCRIPTION		
1	143659	Bed Rotary Shaft	143659	
2	416070	Bed Rotary Shaft Collar Assembly	416070	
3	504048	Set Screw (2)	8103	
4	416028	Thread (looper) Take-up Assembly	416028	
5	544306	Set Screw (2)	101266	
6	143645	Bed Rotary Shaft Bushing (intermediate)	143645	
7	416044	Set Screw	6046	
8	143444	Bed Rotary Shaft Bushing Flanged (right) Assembly	143444	
9	50422	Set Screw	100430	
10	143675	Bed Rotary Shaft Sprocket Wheel Assembly	143675	
11	202253	Sprocket Wheel Spring Flange	202253	
12	416046	Set Screw (2)	140409	
13	143499	Oil and Lint Guard	143499	
14	416136	Screw (2)	100202	

8-1. Looper Thread Guide and Belt Guard



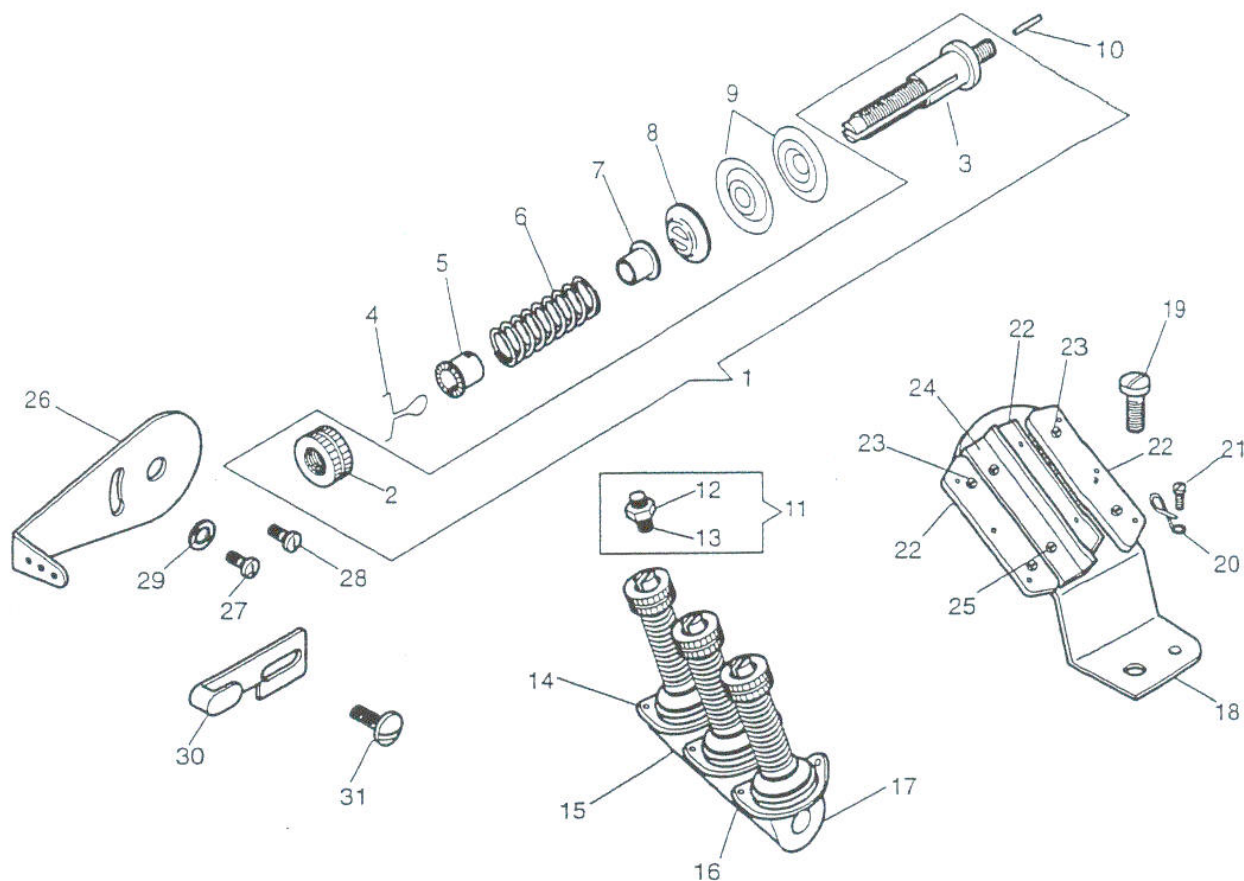
	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION	
1	372838	Looper Thread Guide Bracket Holder	372838	33	Tension (looper thread) Spring (3)	143514
2	372839	Screw	372839	34	Tension (looper thread) Body	143567
3	372837	Looper Thread Guide	372837	35	Screw	100430
4	456	Set Screw	100456	36	Position Screw Stud	101250
5	416089-469	Thread (looper) Take-up Stripper Plate Assembly	416089			
6	240	Screw	100240			
7	139157	Thread Retainer	139157			
8	139317	Thread Separator	139317			
9	139154	Thread Guide	139154			
10	416142	Screw	100237			
11	416140	Screw	000219			
12	7071	Washer	107071			
13	139316	Thread Guide (for two threads)	139316			
14	139315	Thread Guide (for one thread)	139315			
15	416137	Screw (2)	100203			
16	139148	Thread (looper) Take-up Stripper	139148			
17	17022	Washer (2)	107071			
18	139145-469	Cover	139145			
19	416138	Screw (2)	100175			
20	51282	Screw	151282			
21	139147	Lock Spring	139147			
22	139152	Thread Guard	139152			
23	665	Screw (2)	100665			
24	143517	Thread (looper) Take-up Stripper Plate	143517			
25	139146	Hinge Pin	139146			
26	416084	Thread (looper) Take-up Stripper Plate	1435188			
27	416132	Screw (2)	8060			
28	416088	Tension (looper thread) Assembly	416088			
29	416082	Tension (looper thread) Screw Stud Assembly	416082			
30	416009	Thumb Nut (3)	101742			
31	416051	Tension (looper thread) Screw Stud (3)	141002			
32	10106	Tension (looper thread) Disc (6)	110106			

8-2 . Looper Thread Guide and Belt Guard



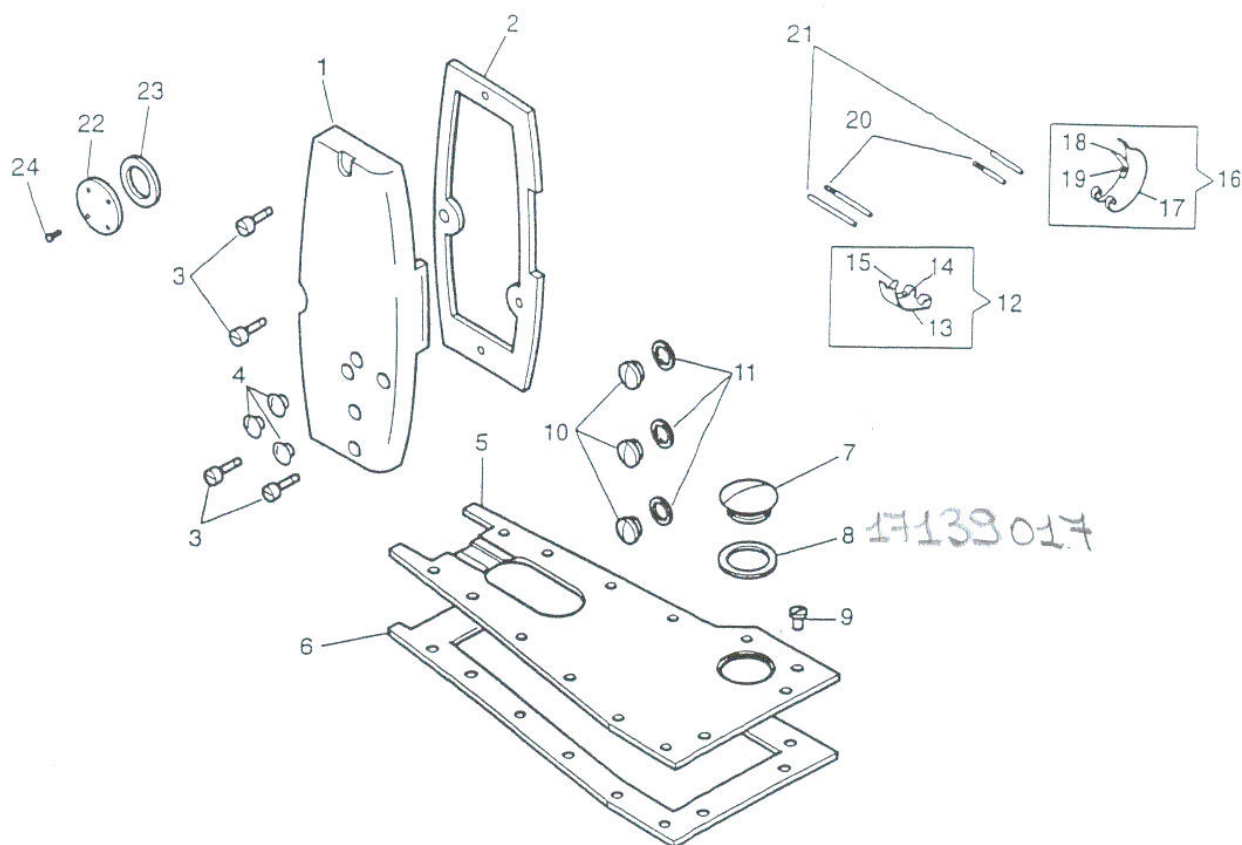
	PART NO.	DESCRIPTION		
1	416069-469	Belt Guard Assembly	143437	
2	544322	Set Screw (2)	101448	
3	139327-469	Thread Tube Assembly	139327	
4	139162	Thread Tube Bushing (6)	139162	
5	139161-469	Thread Tube (3)	139161	
6	416137	Set Screw (3)	6333	
7	139325	Thread Guide Bracket Support	139325	
8	416142	Screw	100237	
9	416136	Screw	100202	
10	416034-469	Thread (looper) Guide Bracket	139324	
11	139158	Thread Guide (3)	139158	
12	139330	Thread Guide Bracket	139330	
13	416133	Screw	100176	
14	229	Screw (2)	100229	
15	50342	Screw (6)	150342	
16	139281	Thread Tube	139281	
17	373225-469	Thread (looper) Tube Assembly	373225s	
18	139167	Thread (looper) Tube Bushing (6)	139167	
19	373457	Position Pin	120995a	
20	373555	Cover Lock Spring	139173a	
21	373556	Reinforcing Plate	139174a	
22	416136	Screw	100202	

9. Needle Thread Guide and Tension



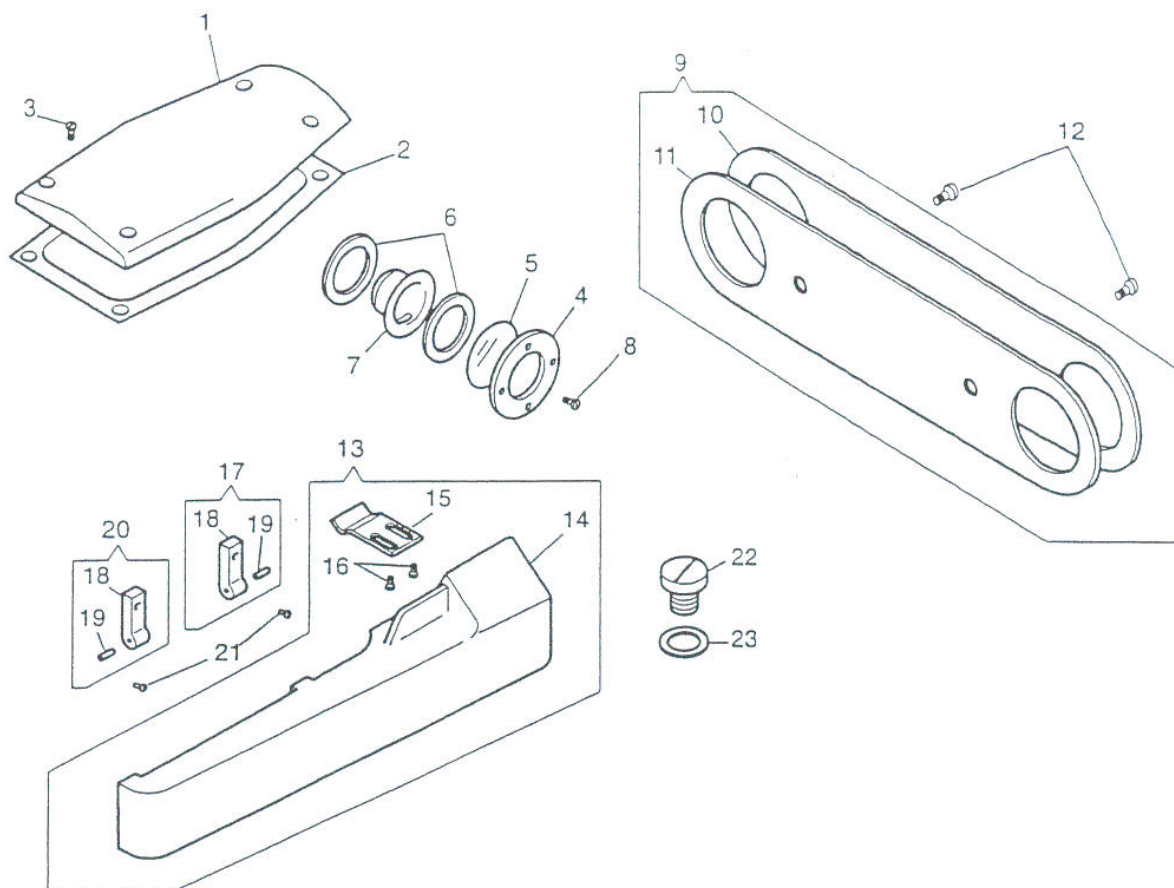
	PART NO.	DESCRIPTION		
1	416104	Tension (needle thread) Screw Stud Assembly (3)	416104	
2	416023	Thumb Nut (3)	153672	
3	416017	Tension (needle thread) Screw Stud (3)	150326	
4	143658	Locking Spring (3)	143658	
5	143657	Tension Spring Bushing (large) (3)	143657	
6	131741	Tension (needle thread) Spring (3)	131741	
7	59538	Tension Spring Bushing (small) (3)	159538	
8	32572	Tension (needle thread) Releasing Disc (3)	132572	
9	2102	Tension (needle thread) Disc (6)	102102	
10	52988	Releasing Pin (3)	154988	
11	416010	Screw and Nut	416010	
12	374614	Nut	10652	
13	416003	Screw	100316	
14	49220	Tension (needle thread) Thread Guide (back)	149220	
15	143569	Thread Guide	143569	
16	131696	Thread Guide (front)	131696	
17	416025-469	Tension (needle thread) Bracket	168002	
18	416035-467	Thread (needle) Guide Bracket	139331a	
19	416047	Screw	140443	
20	139177	Thread (needle) Eyelet	139177	
21	416138	Screw	100219	
22	139158	Thread Guide (3)	139158	
23	229	Screw (6)	100229	
24	139330	Thread Guide Bracket	139330	
25	50342	Screw (2)	150342	
26	143571	Thread (needle) Eyelet	143571	
27	416133	Screw	100176	
28	416004	Screw	100724	
29	7071	Washer	107071	
30	143570	Thread Guide	143570	
31	140180	Screw	140180	

10-1. Covers



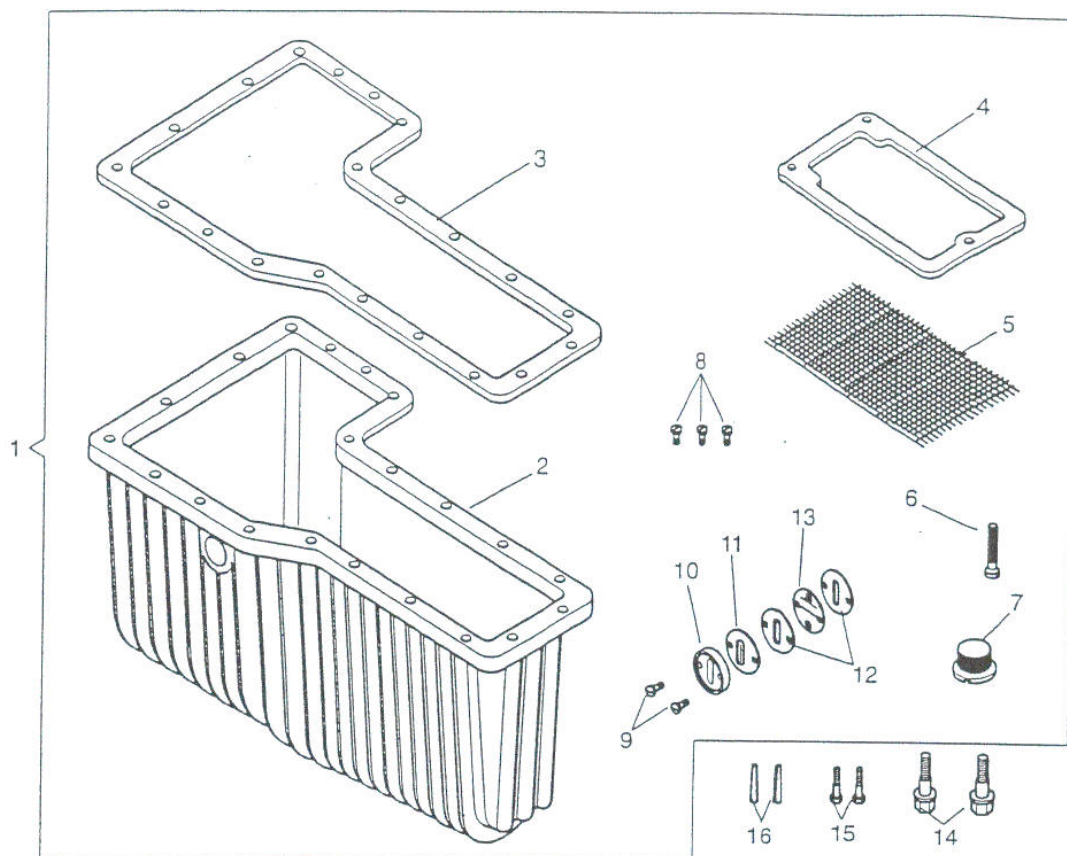
	PART NO.	DESCRIPTION		
1	143447-467	Face Plate	122160s	17139017
2	143543	Gasket	143543	
3	140061	Screw (4)	140061	
4	544782	Face Plate Plug (3)	544782	
5	416068-469	Bed Cover Assembly	143433	
6	143434	Gasket	143434	
7	416049	Screw	140999	
8	143435	Gasket	143435	
9	140295	Screw (14)	140295	
10	416042	Oil Plug	139510	
11	139509	Gasket	139509	
12	143467	Looper Gate (left) Assembly	143467	
13	143466	Looper Gate (left)	143466	
14	51282	Screw	151282	
15	143470	Looper Gate (left) Lock Spring	143470	
16	143474	Looper Gate (right) Assembly	143474	
17	143473	Looper Gate (right)	143473	
18	143477	Looper Gate (right) Lock Spring	143477	
19	51282	Screw	151282	
20	416149	Hinge Screw Stud (2)	143479	
21	143480	Position Pin (2)	143480	
22	139030	Cover	139030	
23	143643	"O" Ring	143643	
24	416136	Screw (4)	100202	

10-2. Covers



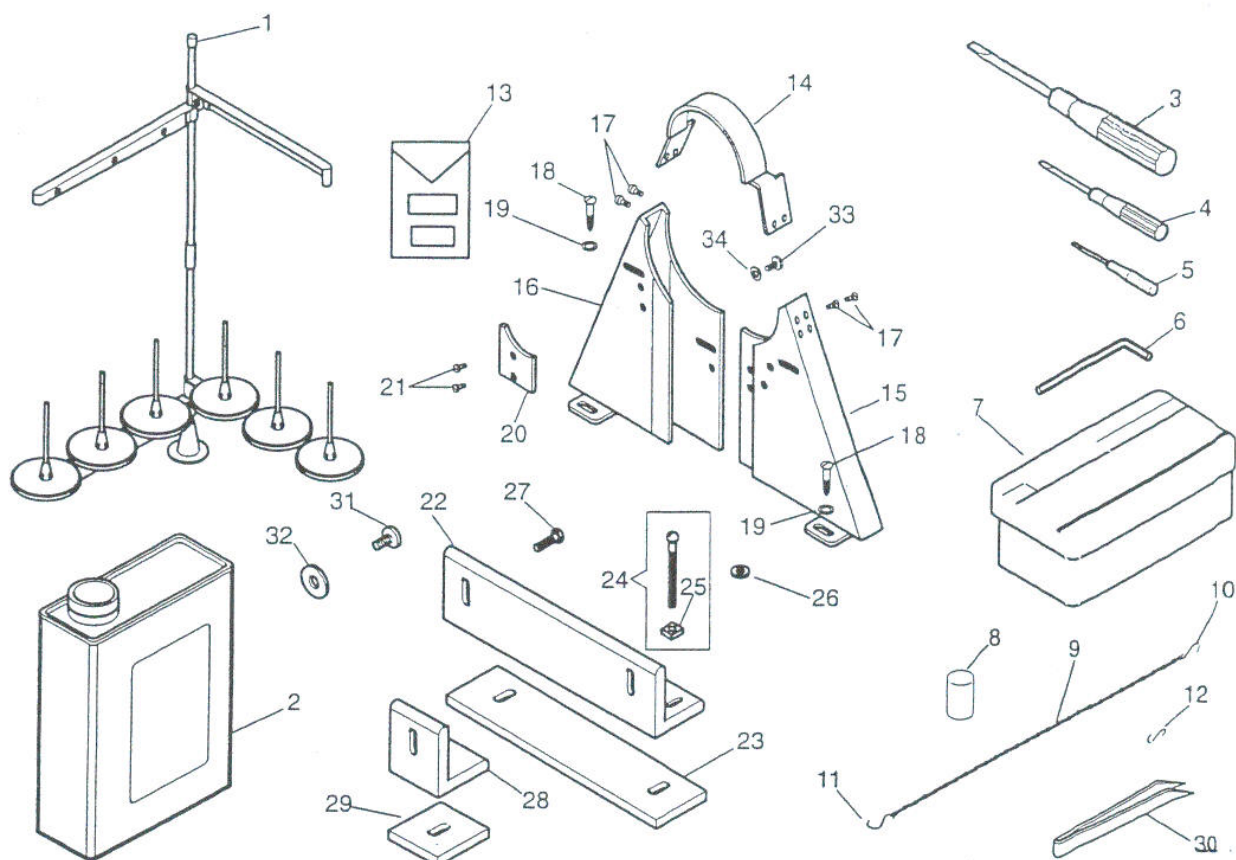
	PART NO.	DESCRIPTION		
1	416117-469	Arm Top Cover	146229a	
2	146508	Gasket	146508	
3	416020	Screw (4)	151369	
4	145408-469	Oil Flow Window Cap	145458	
5	143062	Oil Flow Window	143062	
6	143061	Gasket (2)	143061	
7	146591	Oil Flow Body	146591	
8	416136	Screw (4)	100202	
9	139036-469	Belt Guard Cover Assembly	139036	
10	139035-469	Belt Guard Cover	139035	
11	139037	Gasket	139037	
12	545361	Screw (2)	1006990	
13	143522-469	Thread (looper) Guide Cover Assembly	143522	
14	143521-469	Thread (looper) Guide Cover	143521	
15	139171	Cover Catch	139171	
16	229	Screw (2)	100229	
17	139520-469	Hinge Plate (right) Assembly	139520	
18	139172-469	Hinge Plate (2)	139172	
19	12162	Hinge Pin (2)	112162	
20	139519-469	Hinge Plate (left) Assembly	139519	
21	140061	Screw (2)	140061	
22	50608	Screw	150608	
23	139017	Washer	139017	

11. Oil Reservoir and Arm Screw .



	PART NO.	DESCRIPTION		
1	416093-467	Oil Reservoir Assembly	416093	
2	416092-467	Oil Reservoir	143625	
3	143508	Oil Reservoir Gasket	143508	
4	143542	Oil Reservoir Screen Frame	143542	
5	143509	Oil Reservoir Screen	143509	
6	966	Screw (21)	100966	
7	416053	Oil Reservoir Drain Plug	416053	
8	545109	Screw (3)	100208	
9	416008	Screw (2)	101485	
10	164134	Oil Reservoir Sight Gauge Window Retainer	164134	
11	164133	Oil Reservoir Sight Gauge Window	164133	
12	164132	Gasket (2)	164132	
13	143601	Sight Gauge Background Disc	143601	
14	416111	Arm Screw (right) (2)	416111	
15	416019	Arm Screw (left) (2)	416019	
16	16532	Arm Dowel Pin (2)	116532	

12.Others



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1	416077-469 Thread Unwinder Assembly	416077	
2	121741 Oil (Singer "C" Type Oil) (2)	11193	
3	11831 Screw Driver (large)	8118	
4	225498 Screw Driver (middle)	8120	
5	228476 Screw Driver (small)	8121	
6	167260 Wrench	11487	
7	417035-901 Accessories Box	417035	
8	139190 Machine Cushion (2)	139190	
9	6439 Foot Lever Chain (107mm)	106439	
10	56864 Foot Lever Chain Hook	156864	
11	56865 Foot Lever Chain Hook	156865	
12	4879 Chain Connecting Link	104879	
13	Cat3651-05 Needle (6)	N4621	
14	372834-467 Belt Guard (upper)	372834	
15	372831-467 Belt Guard (left)	372831	
16	372832-467 Belt Guard (right)	372832	
17	544211-003 Screw (4)	54421108	
18	375124 Set Screw (4)	375124	
19	375123 Washer (4)	375123	
20	372209-467 Belt Guard Plate	372209	
21	544212-002 Screw (2)	54421208	
22	22794-469 Machine Mounting Bracket (long)	122794	
23	22796 Bracket (long) Pad	122796	
24	51069 Bolt (3)	151069	
25	51581 Nut (3)	151581	
26	2807 Washer (3)	102807	
27	416059 Bolt (2)	141464	
28	22795-469 Machine Mounting Bracket (short)	122795	
29	22797 Bracket (short) Pad	122797	
30	120341 Tweezers	11196	
31	545380 Screw	1369	
32	2807 Washer	102807	
33	544212-002 Screw	544212-68	
34	375122 Washer	16287	