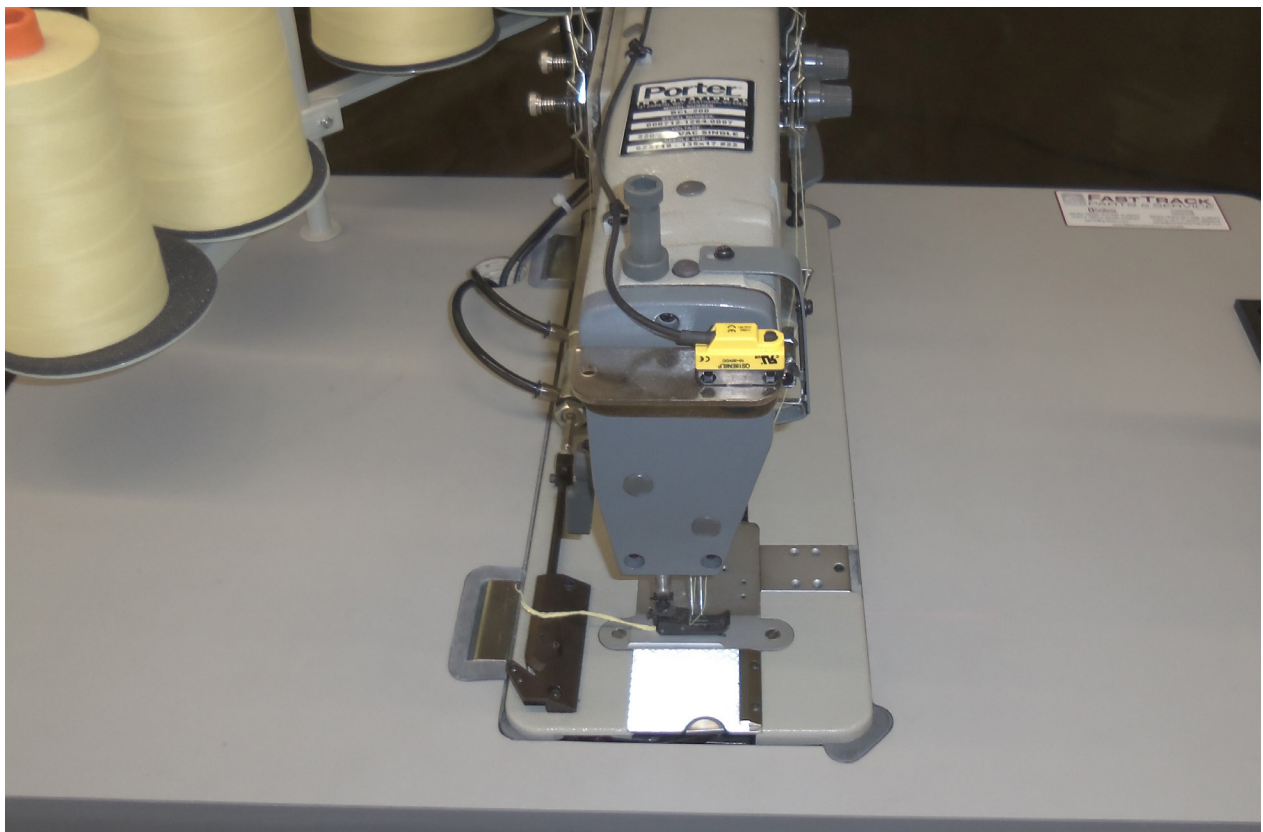


Parts Catalog



BCL-201 BORDER CLOSING MACHINE



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About This Manual

This manual has been developed for persons who will be searching for and ordering parts for this machine. It is imperative that all persons responsible for the operation, care and maintenance of these machines read and understand the information in this manual.

How This Manual is Organized

This manual contains assembly illustrations and parts lists for finding and ordering parts. Assemblies are arranged so that they always occur on an even number page. This is so that the part list for an assembly will begin on the adjacent odd page.

The illustrations contain balloons with numbers in them. The balloon numbers match the numbers in the Item column of the parts list.

The parts list contains multiple information columns. They are: Item (Balloon Reference), Part Number, Description, and Quantity (Qty).

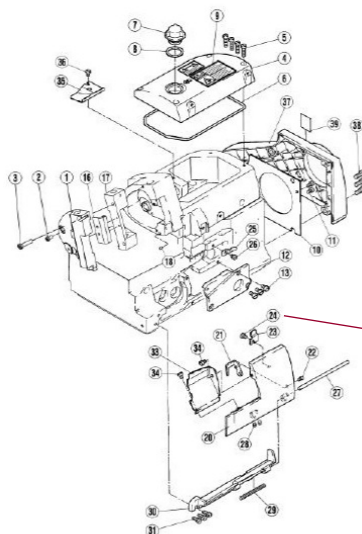
The Reference Number column contains the balloon call-out in the illustration. The Part Number column contains the Porter International part number or stock number for the part. The Description column is a description for the part. The quantity column (Qty) list the total amount used of a part in the illustration.

The Index contains a list of all of the part numbers and assembly numbers, for easy reference.

See the following page for an illustration of page layout for this manual.

Assembly Name

Cover (1)



Illustration

Item Number Balloon

Page Number

Machine Name

BS401-301 BOX SPRING BINDER

12

6ZF026

Manual Part Number

Reference Number Column

Part Number Column

Description Column

Quantity Column

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6ZE410	SIDE COVER	1
2	0070200	SCREW	2
3	0070240	SCREW	1
4	206012-P00	TOP COVER	1
5	0070240	SCREW	4
6	2060790	GASKET	1
7	2064571	OIL SIGHT WINDOW	1
8	2060620	GASKET	1
9	9A30390	STICKER	1
10	2060510	FAN COVER	1
11	0070190	SCREW	2
12	2060180	COVER	1
13	0070190	SCREW	3
14			-
15			-
16	6Z0584	HINGE	1
17	6Z0545	NEEDLE BAR SUPPORT	1
18	2067020	SPONGE	1
19			-
20	206013-P00	FRONT COVER (RIGHT)	1
21	27001840	LATCH	1
22	0070090	SCREW	1
23	2060800	LATCH	1
24	0070170	SCREW	1
25	2100440	FLAT SPRING	1
26	0070170	SCREW	1
27	2400430	PIN	1
28	0045430	SCREW	2
29	2403010	SPRING	1
30	2060180	HINGE	1
31	0070210	SCREW	3
32			-
33	2060550	FRONT COVER (CENTER)	1
34	0070180	SCREW	2
35	2060570	OIL GUARD	1
36	0070190	SCREW	1
37	206050-P00	BELT COVER	1
38	0071780	SCREW	3
39	9A30390	STICKER	1

PN: 6ZF026

13

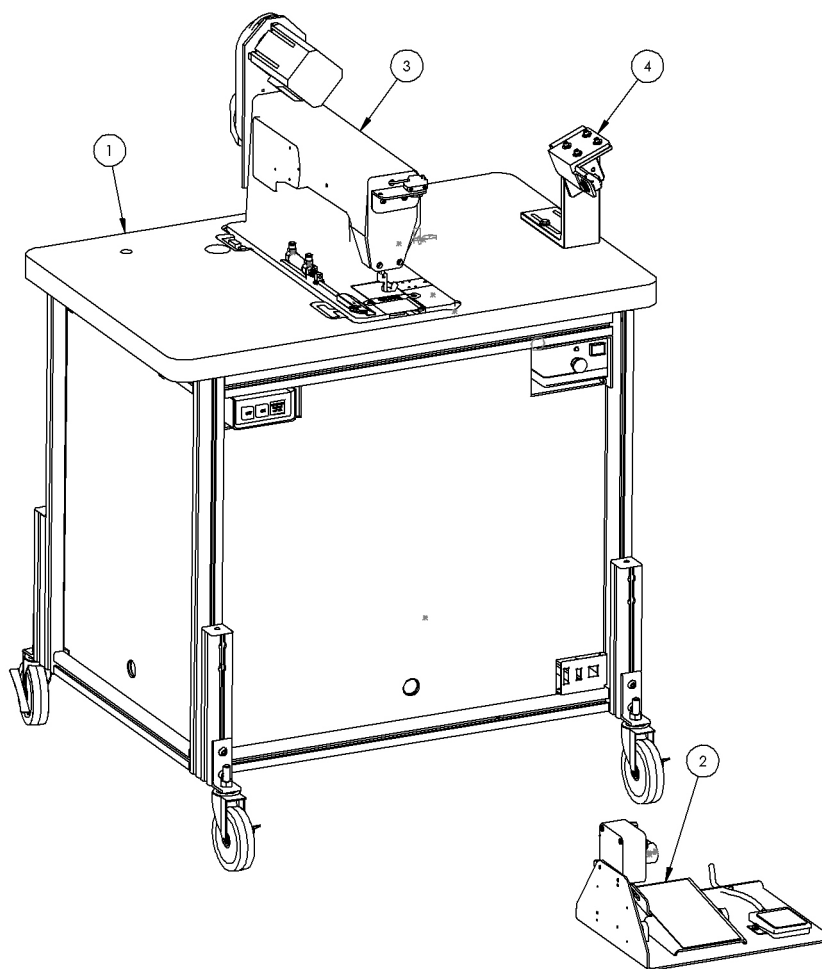
BS401-301 BOX SPRING BINDER

How to Give Feedback

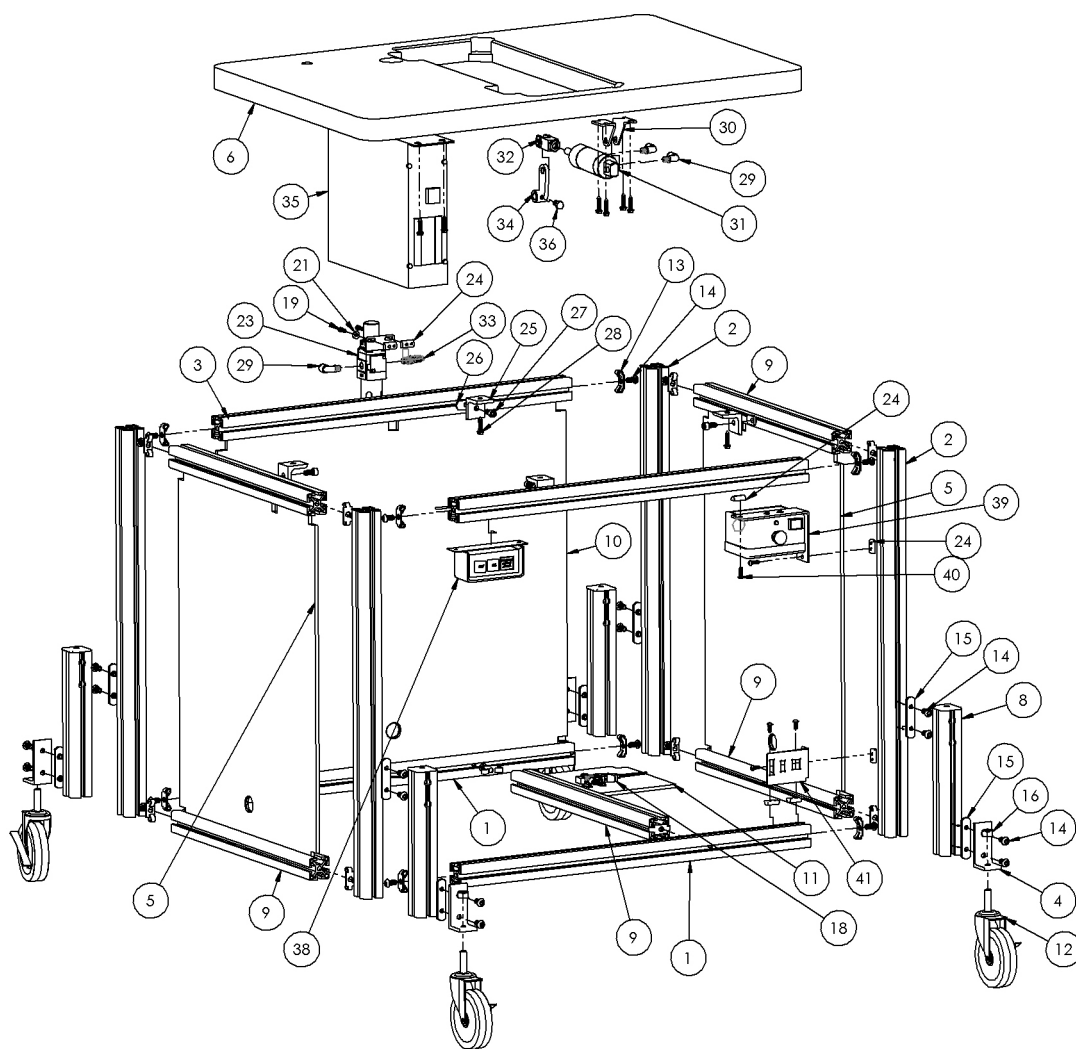
Please let us know what you like in this manual, as well as what you don't like. Tell us what you would like to see more or less of, or what you would like to see presented in a different way. We look forward to hearing from you soon.

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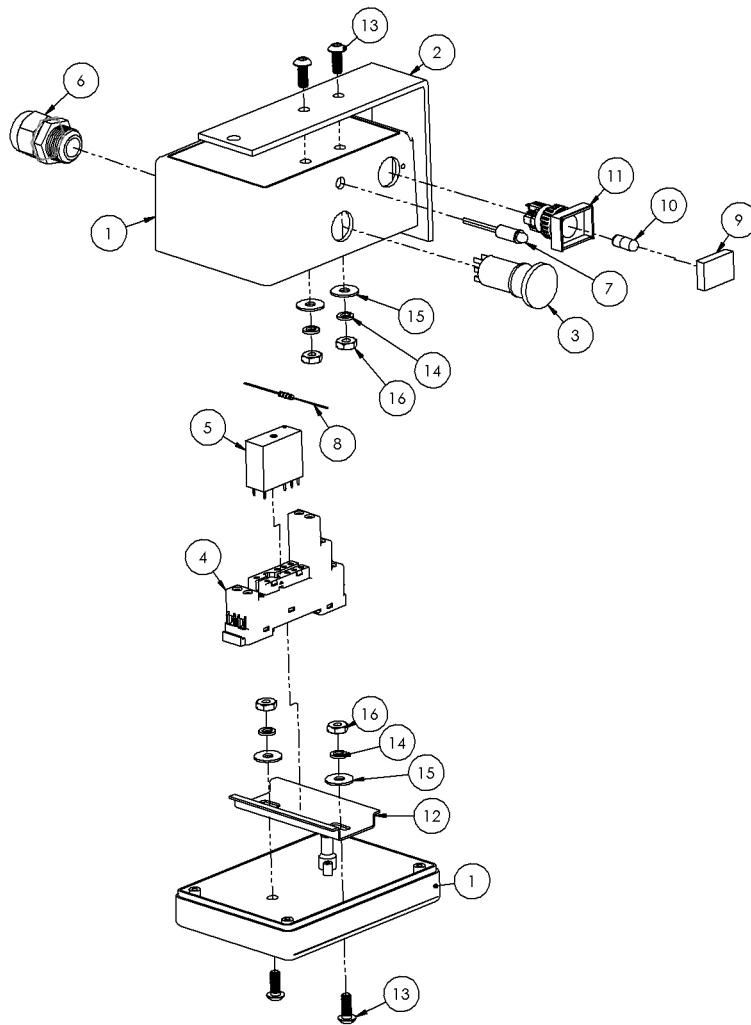
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6ZE227	STAND ASSEMBLY BCL-201	1
2	6ZE228	TREADLE ASSEMBLY	1
3	6ZE230	SEW HEAD ASSEMBLY	1
4	6Z9024	LASER LIGHT EMITTER ASSEMBLY	1



SCALE 1 : 5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	800344-3	T-SLOT RAIL	2
2	800340	T-SLOT RAIL	4
3	800339	T-SLOT RAIL	2
4	653204	3 HOLE INSIDE CORNER BRACKET	4
5	6Z9018	PANEL SIDE BCL-200	2
6	6Z8330	TABLE TOP - BCL-201	1
7	6Z9017	PANEL FRONT BCL-200	1
8	6Z9022	LEG HEIGHT ADJUSTMENT BCL-200	4
9	6Z9021	T-SLOT RAIL	5
10	802319	PANEL REAR STAND	1
11	6Z9533	PANEL PNEUMATIC BCL-200	1
12	2310	CASTER	4
13	3379	END FASTENER	18
14	BHCS5/16-18X5/8	BHCS 5/16-18 x 5/8	34
15	651098	T-NUT DOUBLE 5/16-18	8
16	HN4-40	HEX NUT	6
17	2030	ENDCAP	4
18	4099010	SOLENOID VALVE	1
19	6Z2762	SHCS #10-32 x 1/2	2
20	6Z2753	SCREW	2
21	6Z0994	WASHER FLAT #10 SAE	4
22	6Z2827	# 4 SPLIT LOCKWASHER	2
23	6Z0950	FILTER REGULATOR 0-160 PSI	1
24	4015016	10-32 T-NUT SINGLE W/SET SCREW	7
25	4302	INSIDE CORNER BRACKET	4
26	3278	ECONOMY T-NUT 5/16-18 SINGLE	4
27	SHCS5/16-18X5/8	SHCS 5/16-18 x 5/8	4
28	TS#12X1	TAPPING SCREW #12	12
29	KQL07-34S	FITTING AIR 90D 1/8 NPT X 1/4 TUBE	3
30	D-229	REAR PIVOT MOUNT	1
31	CB1404	AIR CYLINDER	1
32	6Z2265	ROD CLEVIS	1
33	6Z1556	1/8 NPT MALE QUICK DISCONNECT	1
34	6ZE379	ARM PRESSER FOOT LIFT	1
35	6Z8665	MOTOR CONTROLLER	1
36	HHCS5/16-18X1/2	HEX HD 5/16-18 x 1/2 FULL THD	1
37	6Z7364	AIR FITTING	1
38	6Z6483-D	POWER SWITCH	1
39	6ZF220	E-STOP BOX ASSEMBLY BCL-201	1
40	6Z0480	BHCS #10-32 x 1/2	5
41	801782	RECEPTACLE BRACKET ATA DRAW	1

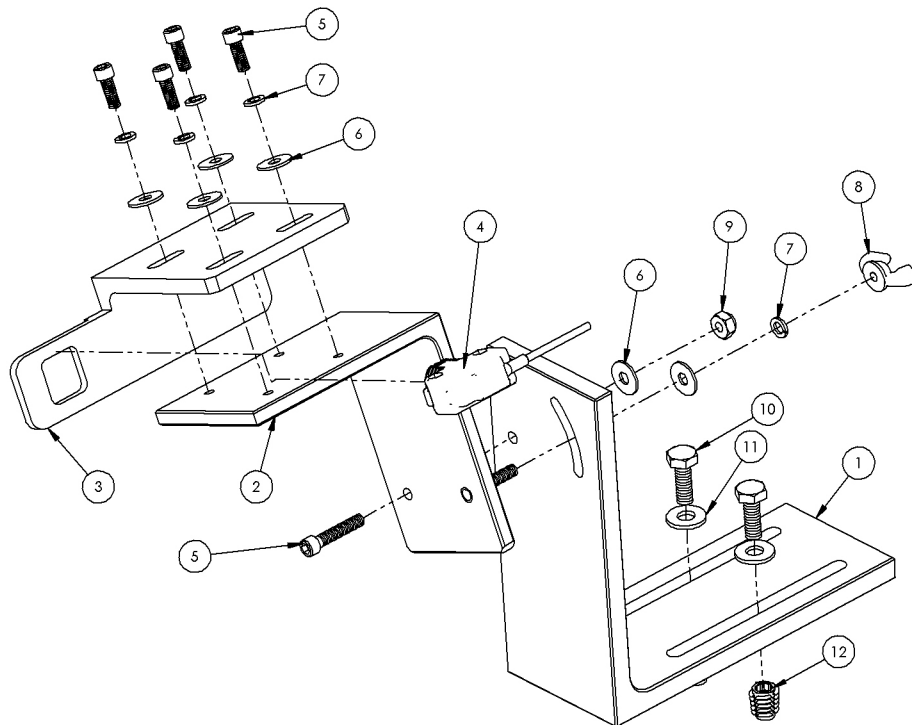
6ZF220 E-Stop Box Assembly



6ZF220 E-Stop Box Assembly

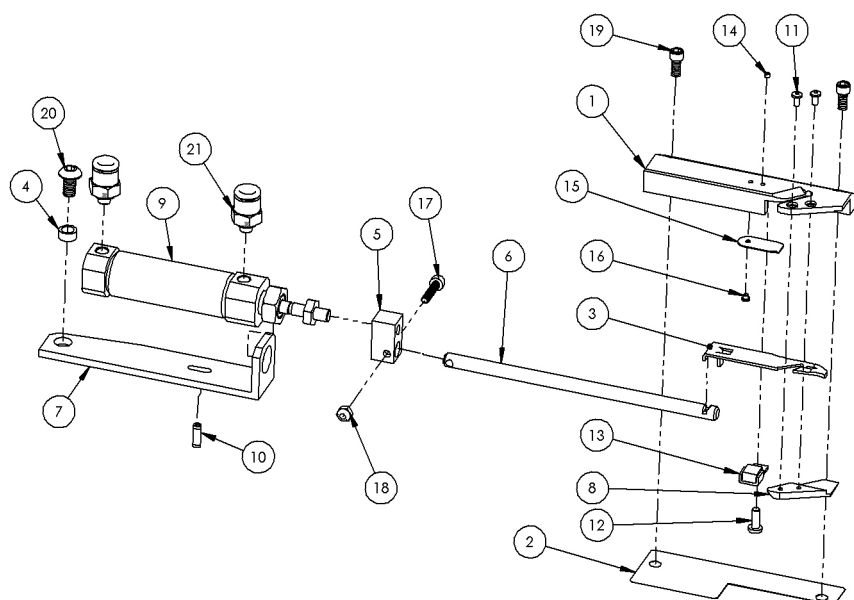
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6ZF219	E-STOP BOX MACHINED BCL201	1
2	6Z9053	BRACKET E-STOP BOX MOUNT	1
3	4501006	E-STOP SWITCH	1
4	95.75	RELAY SOCKET	1
5	40.52.9.024.0000	RELAY	1
6	3213	STRAIN RELIEF 3/4MTG X 3/8 CBL	1
7	4521003	INDICATOR LIGHT RED	1
8	4523002	RESISTOR CARBON 2K 1/2W	1
9	66F9682	GREEN LENSE CAP	1
10	6Z8691	LAMP	1
11	6Z1583	PUSH BUTTON	1
12	6Z9201	DIN RAIL	1
13	6Z0480	BHCS #10-32 x 1/2	4
14	6Z2826	WASHER LOCK #10	4
15	6Z0994	WASHER FLAT #10	4
16	6Z1174	NUT HEX #10-32	4

**6Z9024 Laser Light
Emitter Assembly**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6Z9025	SUPPORT LASER EMITTER	1
2	6Z9026	BRACKET ANGLE ADJUSTMENT LASER EMITTER	1
3	6Z9027	BRACKET MTG LASER EMITTER	1
4	6Z9061	LASER EMITTER	1
5	6Z2762	SHCS #10-32 x 1/2	5
6	6Z0994	WASHER FLAT #10	6
7	6Z2826	WASHER LOCK #10	5
8	WN10-32X7/16	NUT WING #10-32	1
9	LN10-32	NUT NYLOCK #10-32	1
10	HHCS1/4-20X3/4	HEX HD 1/4-20 x 3/4 FULL THD	2
11	6ZA335	WASHER FLAT 1/4 SAE	2
12	92105A675	1/4-20 WOOD ANCHOR	2

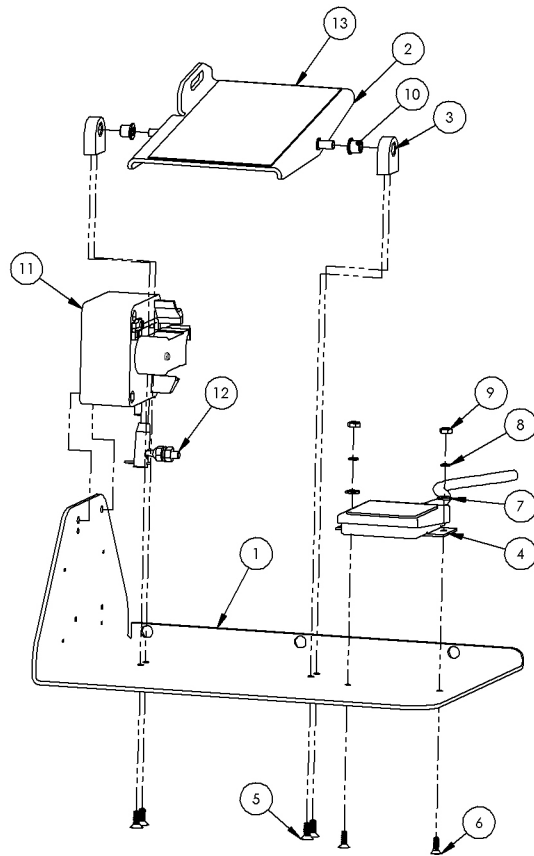
**6Z9520 Thread Cutter
Assembly**



6Z9520 Thread Cutter Assembly

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6Z9521	HOUSING THREAD CUTTER	1
2	6Z9522	SLIDE STRIP	1
3	6Z9523	KNIFE MOVEABLE REWORK	1
4	6Z9524	SPACER CYL BRKT	1
5	6Z9525	BLOCK ADAPTOR CYL ROD	1
6	6Z9526	ROD KNIFE ACTUATOR	1
7	6Z9527	BRACKET CYL MOUNT	1
8	6Z9528	THREAD GUIDE	1
9	6Z9653	AIR CYLINDER	1
10	4003018	PIN ROLL 1/8 x 3/8 LG	1
11	6Z9570	SCREW	2
12	6Z9568	SCREW MT6 FELT PAD	1
13	6Z9567	FELT OILER	1
14	6Z8973	SCREW	1
15	6Z6971	STATIONARY KNIFE	1
16	6Z8974	SCREW	1
17	6Z9571	SCREW	1
18	6Z9581	LOCK NUT	1
19	SHCS6-32X5/16	SCREW	2
20	6Z0473	BHCS #10-32 x 3/8	1
21	6Z7364	AIR FITTING	2

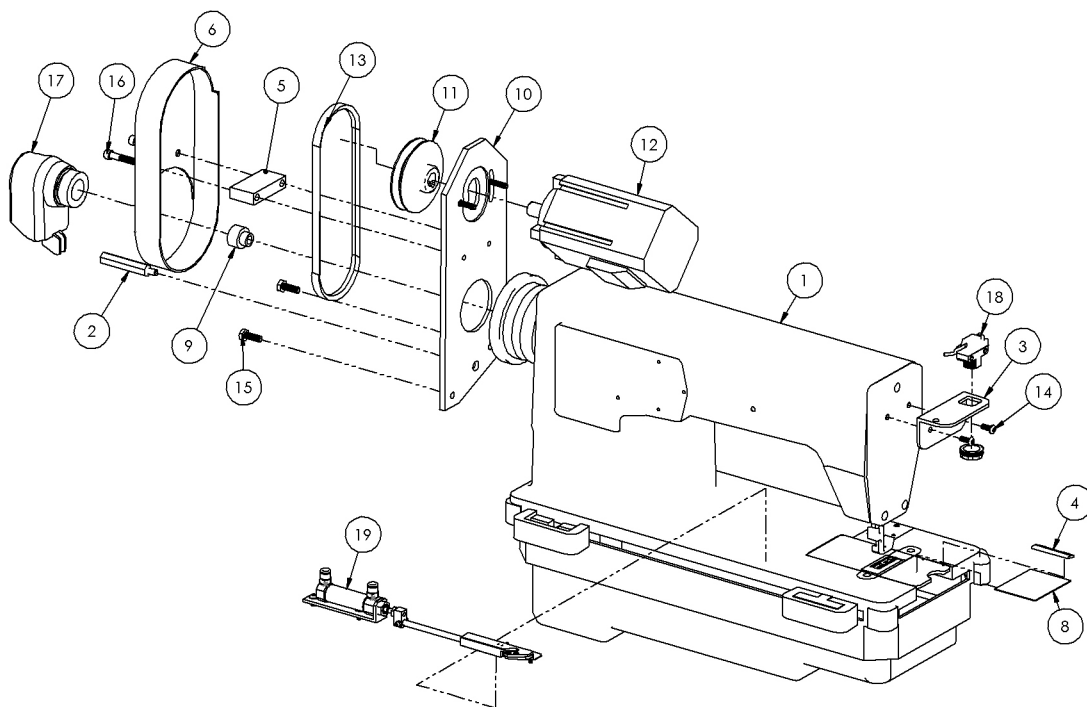
6ZE228 Foot Treadle Assembly



**6ZE228 Foot Treadle
Assembly**

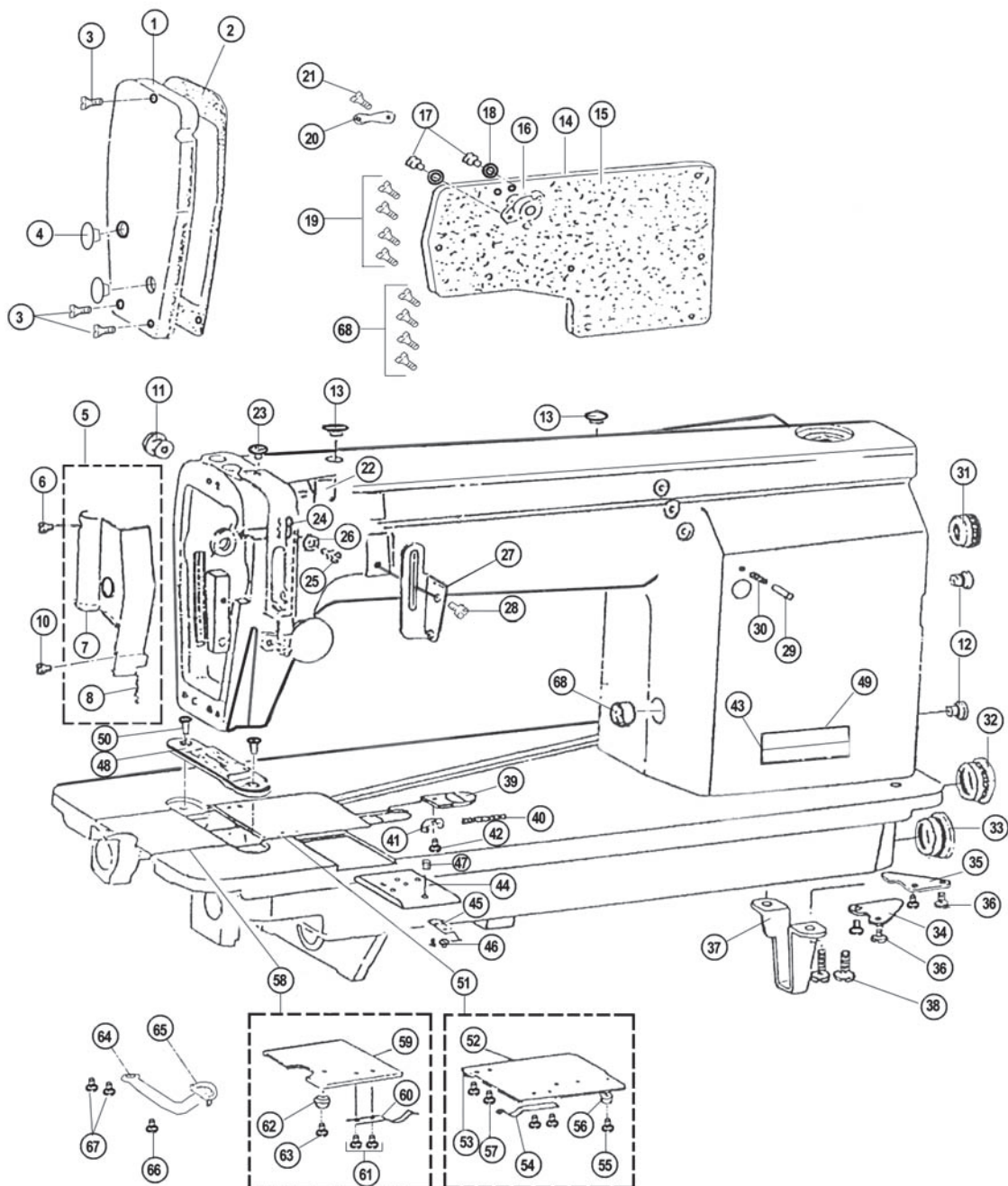
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6ZB976	FOOT PEDAL BASE	1
2	6ZA925	PEDAL ASS'Y	1
3	6ZA908	PIVOT MOUNT	2
4	6Z5890	SWITCH FOOT ELEC MOM	1
5	6Z0981	FHCS #10-32 x 1/2	4
6	FHSCS8-32X1/2	FHCS #8-32 x 1/2	2
7	6Z0997	WASHER FLAT #8	2
8	6Z2830	WASHER LOCK #8	2
9	6Z1179	NUT HEX #8-32	2
10	6ZA926	FLANGE BEARING	2
11	EB401	TREADLE ACTUATOR	1
12	6Z3224	TREADLE ROD	1
13	6ZA911	ANTI-SLIP TAPE	1

6ZE230 Sew Head Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6Y1195	SEW HEAD	1
2	6Z9043	STAND OFF SYNC	1
3	6Z9014	BRACKET SENSOR HOLDER	1
4	6Z9012	RAMP REFLECTOR COVER	1
5	6Z9009	STANDOFF BELT GUARD	1
6	6Z9007	BELT GUARD BCL-200	1
7	6Z7404	NUT PLATE SENSOR BRACKET	1
8	6Z9250	REFLECTOR TAPE	1
9	6ZC332	300W ENCODER BUSHING	1
10	6ZE186	MOTOR MOUNT EFKA	1
11	6ZE225	PULLEY MOTOR BCL-200	1
12	6Z8679	DC1500 MOTOR	1
13	6Z9015	V-BELT	1
14	6Z0480	BHCS #10-32 x 1/2	2
15	HHCS1/4-20X3/4	HEX HD 1/4-20 x 3/4	2
16	SHCS1/4-20X1-1/2	SHCS 1/4-20 x 1-1/2	2
17	091-07	SYNCHRONIZER	1
18	6Z7425	PHOTO EYE SENSOR	1
19	6Z9520	THREAD CUTTER ASSEMBLY BCL-200	1

Arm and Bed Mechanism

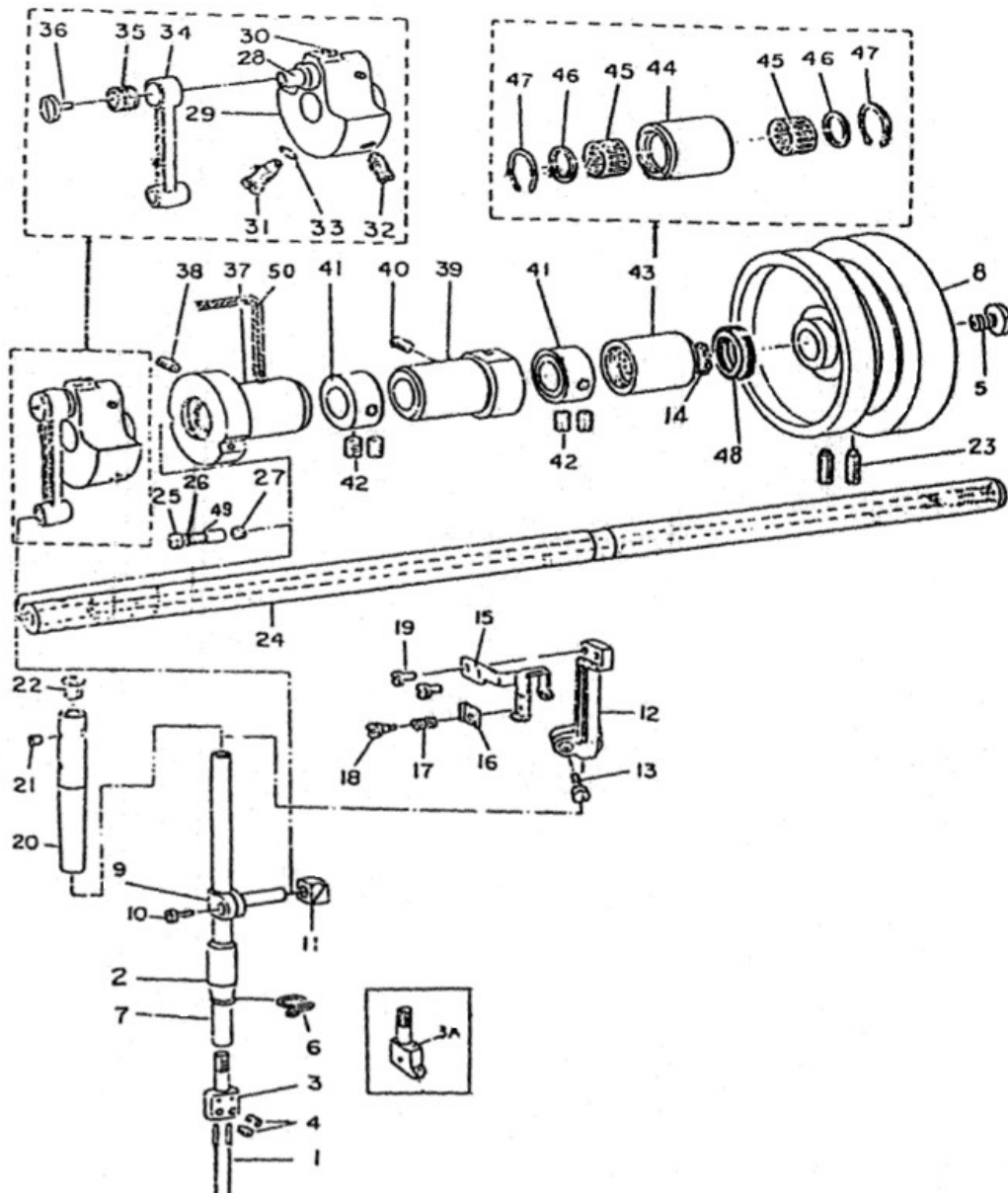


ITEM	PART NO.	DESCRIPTION	QTY
1	6ZA746	FACE PLATE	1
2	6ZA743	GASKET	1
3	6ZA745	SCREW	3
4	6ZF093	RUBBER PLUG	2
5	6ZE098	OIL WICK HOLDER ASSY	1
6	6ZA514	SCREW	1
7	6ZF094	OIL BRAID FOR NEEDLE BAR	1
8	5S1-018D3	OIL WICK FOR NEEDLE BAR	1
9	5S1-018D1	OIL WICK HOLDER	1
10	6ZF095	SCREW	1
11	6ZF093	RUBBER PLUG	1
12	22T1-015	RUBBER PLUG	2
13	6ZF093	RUBBER PLUG	2
14	5S1-19	SIDE COVER	1
15	6ZC962	GASKET FOR SIDE COVER	1
16	5S1-27E	BUSHING ASSY. FOR THREAD RELEASING	1
17	5S1-28	SCREW	2
18	5S1-29	WASHER	2
19	6ZA745	SCREW	8
20	5S1-21	2-EYED THREAD GUIDE	1
21	6ZF095	SCREW	1
22	6ZC955	COVER PLATE FOR THREAD TAKEUP	1
23	6ZF095	SCREW	2
24	6Z8910	TENSIONER FOR THREAD TAKEUP	1
25	6ZF095	SCREW	1
26	2251-007	WASHER	1
27	5S1-16	INTER-THREAD GUIDE	1
28	C4-2	SCREW	1
29	5S4-27	STOP PIN	1
30	5S4-26	STOP PIN SPRING	1
31	5S1-17	RUBBER PLUG	1
32	5S1-32	RUBBER PLUG	1
33	5S1-32	RUBBER PLUG	1
34	5S1-26	FRONT OIL SHIELD	1
35	5S1-33	BACK OIL SHIELD	1
36	6ZF095	SCREW	4
37	5S1-31	BRACKET	1

**Arm & Bed
Mechanism (cont)**

ITEM	PART NO.	DESCRIPTION	QTY
38	5S1-30	SCREW	2
39	6ZA006	OPENER FOR RIGHT SLIDE PLATE	1
40	6ZA513	OPENER SPRING	1
41	6ZA007	BACKING PLATE	1
42	6ZA514	SCREW	1
43	22T1-002B3	RIVET	2
44	GM274	ADJUSTING PLATE	1
45	6ZA008	LOCK SPRING	1
46	6ZA342	SCREW	2
47	5S1-07	SET SCREW	1
48	6Z9207	NEEDLE PLATE 1/4"	1
49	5S1-25	NAME PLATE	1
50	6Z7366	SCREW	2
51	6Z9050	RIGHT SLIDE PLATE ASSY	1
52	5S1-09B1	RIGHT SLIDE PLATE	1
53	5S1-09B4	POSITION PLATE	1
54	6Z7376	POSITION SPRING	1
55	6ZA341	SCREW	1
56	5S1-09B2	LOCK RING	1
57	6ZA342	SCREW	4
58	6Z9049	LEFT SLIDE PLATE ASSY	1
59	5S1-11C1	LEFT SLIDE PLATE	1
60	6Z7378	POSITION SPRING	1
61	6ZA342	SCREW	2
62	6ZE806	LOCK RING	1
63	6ZA341	SCREW	1
64	6Z7381	OPENER SPRING	1
65	6ZC529	OPENER FOR LEFT SLIDE PLATE	1
66	6ZB886	SCREW	1
67	6ZF095	SCREW	2
68	6Z7494	SCREW	4

Arm, Shaft, Needle Bar Mechanism

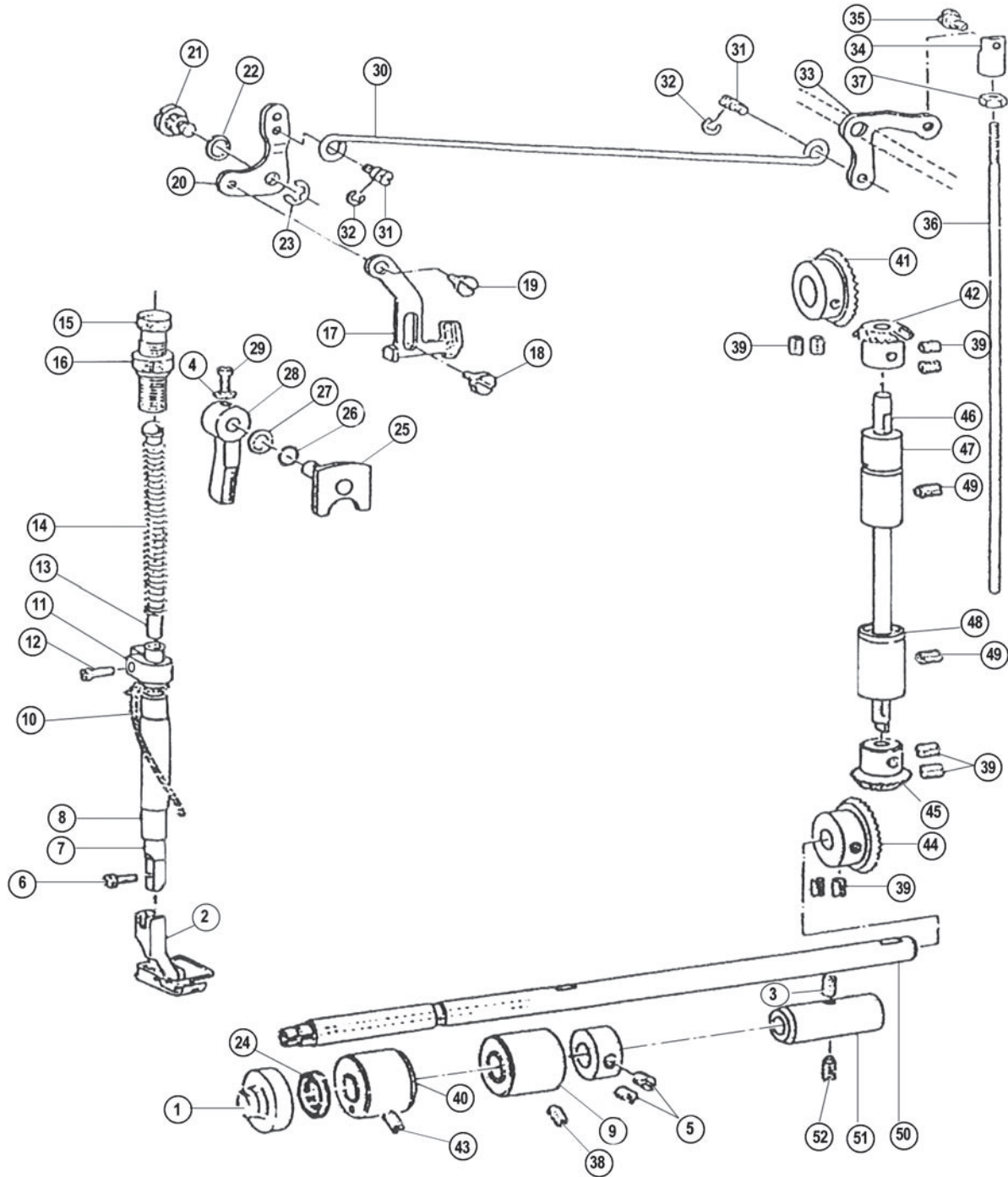


ITEM	PART NO	DESCRIPTION	QTY
1	6Z2719	NEEDLE	1
2	6ZA152	NEEDLE BAR BUSHING (LOWER)	1
3	6Z9206	NEEDLE CLAMP	1
4	6Z9205	SCREW	1
5	6ZC299	SCREW	1
6	6ZC104	THREAD GUIDE	1
7	6Z9181	NEEDLE BAR	1
8	6ZC853	MACHINE PULLEY	1
9	6ZA212	NEEDLE BAR ADAPTOR	1
10	6ZC576	SCREW	1
11	6ZA471	SLIDE BLOCK	1
12	6ZA357	BRACKET FOR THREAD TAKEUP	1
13	6ZB196	SCREW	1
14	6ZC581	SELF-LOCK SPRING	1
15	6ZA105	THREAD TAKEUP LEVER	1
16	6Z9633	TENSION PLATE	1
17	6Z8290	TENSION SPRING	1
18	6Z8291	TENSION SCREW	1
19	6ZC576	SCREW	2
20	6ZA153	NEEDLE BAR BUSHING (UPPER)	1
21	6ZC574	SCREW	1
22	22T2-011	RUBBER PLUG	1
23	6ZC578	SCREW	2
24	6ZB224	ARM SHAFT	1
25	6ZA275	ADJUSTING VALVE FOR OIL AMOUNT	1
26	6ZA270	O-RING	1
27	6ZA269	FELT	1
28	6ZA200	HINGE STUD	1
29	6ZC387	NEEDLE BAR CRANK	1
30	6ZC289	SCREW	1
31	6ZC577	SET SCREW	1
32	6ZC575	SCREW	1
33	6ZA270	O-RINGF	1
34	6ZC199	CONNECTING ROD	1
35	6ZC569	NEEDLE BEARING	1
36	C3-14	SCREW	1
37	6ZC570	BUSHING (LEFT)	1
38	6ZC579	SCREW	1

**Arm, Shaft, Needle
Bar Mechanism (cont)**

ITEM	PART NO	DESCRIPTION	QTY
39	6ZC571	BUSHING (MIDDLE)	1
40	J6ZC579	SCREW	1
41	5S2-17	STOP RING	2
42	6Z9957	SET SCREW	4
43	6ZA472	BUSHING (RIGHT)	1
44	5S2-19A1	OUTER RING	1
45	5S2-19A3	BEARING NEEDLE AND RETAINER ASSY	2
46	5S2-19A2	RETAINING RING	2
47	GB893.1-86-21	STOP RING	2
48	6ZA272	RUBBER RING	1
49	6ZA273	SEAL RING	1
50	5S2-14	OIL WICK	1
3A	5S2-2-3	NEEDLE CLAMP, TANDEM	1

Presser Bar, Vertical & Lower Shaft

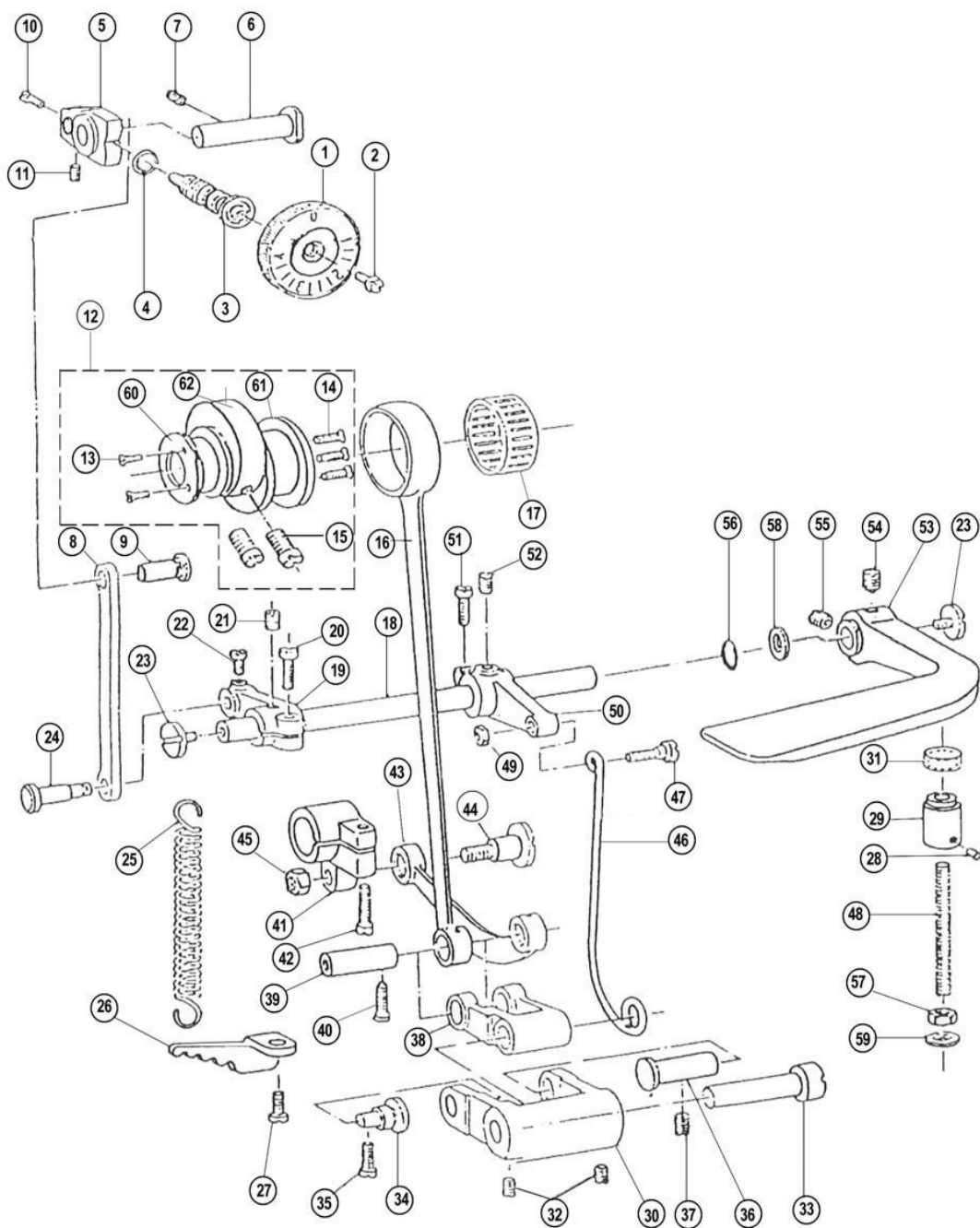


ITEM	PARTNO	DESCRIPTION	QTY
1	6ZE374	BUSHING	1
2	6Z9208	PRESSER FOOT ASSY	1
3	5S3-27	FELT	1
4	5S3-12	WASHER	1
5	6Z9957	SET SCREW	2
6	6Z8096	SCREW	1
7	6ZC608	PRESSER BAR	1
8	6ZE281	BUSHING	1
9	6ZD212	BUSHING (MIDDLE)	1
10	5S3-20	OIL WICK	1
11	6ZC612	PRESSER BAR GUIDE	1
12	6ZC615	SCREW	1
13	6ZD492	GUIDE STUD	1
14	C5-21	PRESSER BAR SPRING	1
15	6ZB417	ADJUSTING STUD	1
16	6ZD070	THUMB NUT	1
17	6ZF048	PRESSER FOOT LIFTING BRACKET	1
18	5S3-2	SCREW	1
19	5S3-3	SCREW	1
20	5S3-5	KNEE LIFTER LEVER (LEFT)	1
21	5S3-10	SCREW	1
22	5S3-9	WASHER	1
23	GB894-76	STOP RING 7	1
24	6ZD517	OIL SEAL	1
25	6ZF015	PRESSER BAR LIFTING CAM ASSY	1
26	GB3452.1-82	O-RING	1
27	6ZF016	WASHER	1
28	6ZA154	PRESSER FOOT LIFTER LEVER	1
29	6ZF017	SCREW	1
30	6ZE101	KNEE LIFTING ROD	1
31	5S3-4	SCREW	2
32	GB894-76	STOP RING 6	2
33	5S3-7	KNEE LIFTING LEVER (RIGHT)	1
34	5S3-8	CONNECTION JOINT	1
35	5S3-35	SCREW	1
36	5S3-28	CONNECTING ROD	1
37	22T6-001A8	NUT	1

**Presser Bar, Vertical
& Lower Shaft (cont)**

ITEM	PART NO	DESCRIPTION	QTY
38	6ZC755	SCREW	1
39	6Z9957	SET SCREW	8
40	5S3-31	BUSHING (LEFT)	1
41	6Z9955	BEVEL GEAR	1
42	22T3-010E2A2	BEVEL GEAR	1
43	6ZC755	SCREW	1
44	6Z9955	BEVEL GEAR	1
45	6Z9955	BEVEL GEAR	1
46	5S3-18	VERTICAL SHAFT	1
47	5S3-11	BUSHING (UPPER)	1
48	5S3-17	BUSHING (LOWER)	1
49	6ZC755	SCREW	2
50	6ZD211	LOWER SHAFT	1
51	5S3-26	BUSHING (RIGHT)	1
52	6ZC755	SCREW	1

Stitch Regulating Mechanism

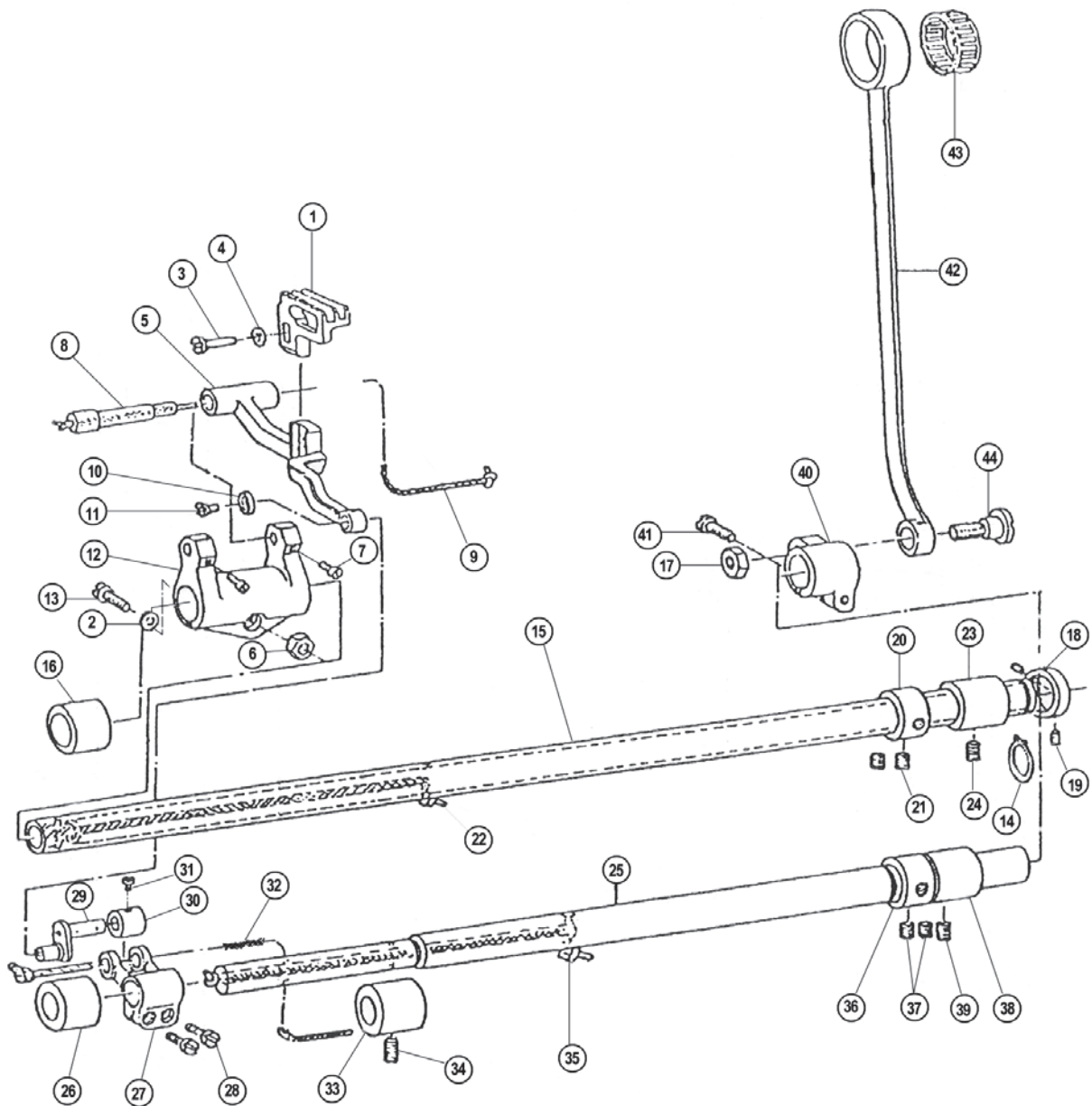


ITEM	PART NO	DESCRIPTION	QTY
1	6ZD518	DIAL	1
2	6ZF096	SCREW	1
3	5S4-29K1	REGULATING SCREW	1
4	6ZF098	O-RING	1
5	5S4-11D2	STITCH REGULATING BLOCK	1
6	5S4-12	PIN	1
7	6ZC755	SCREW	1
8	6ZA374	STITCH REGULATOR LINK	1
9	5S4-13	PIN	1
10	5S4-11D1	SCREW	1
11	5S4-11D2	SCREW	1
12	5S4-18G	FEED CAM ASSY	1
13	5S4-18G6	SCREW	2
14	5S4-18G1	SCREW	3
15	5S4-18G4	SCREW	2
16	5S4-20	FEED CONNECTION ROD	1
17	6ZD528	BEARING	1
18	5S4-231	LEVER SHAFT	1
19	5S4-15E2	FRONT CRANK	1
20	5S4-15E1	SCREW	1
21	6ZD052	SCREW	1
22	5S4-15E3	SCREW	1
23	6ZD480	SCREW	2
24	5S4-16	PIN	1
25	6ZB887	SPRING	1
26	5S4-47	HANGER	1
27	5S4-48	SCREW	1
28	21T3-003	SCREW	1
29	5S4-32M2	STOPPER BUSHING	1
30	5S4-55T1	CRANK	1
31	5S4-32M1	RUBBER RING	1
32	6ZE219	SCREW	2
33	5S4-54	LONG PIN	1
34	6ZC839	SHORT PIN	1
35	5S4-48	SCREW	1
36	5S4-54	LONG PIN	1
37	6ZC289	SCREW	1

Stitch Regulating Mechanism 2 (cont)

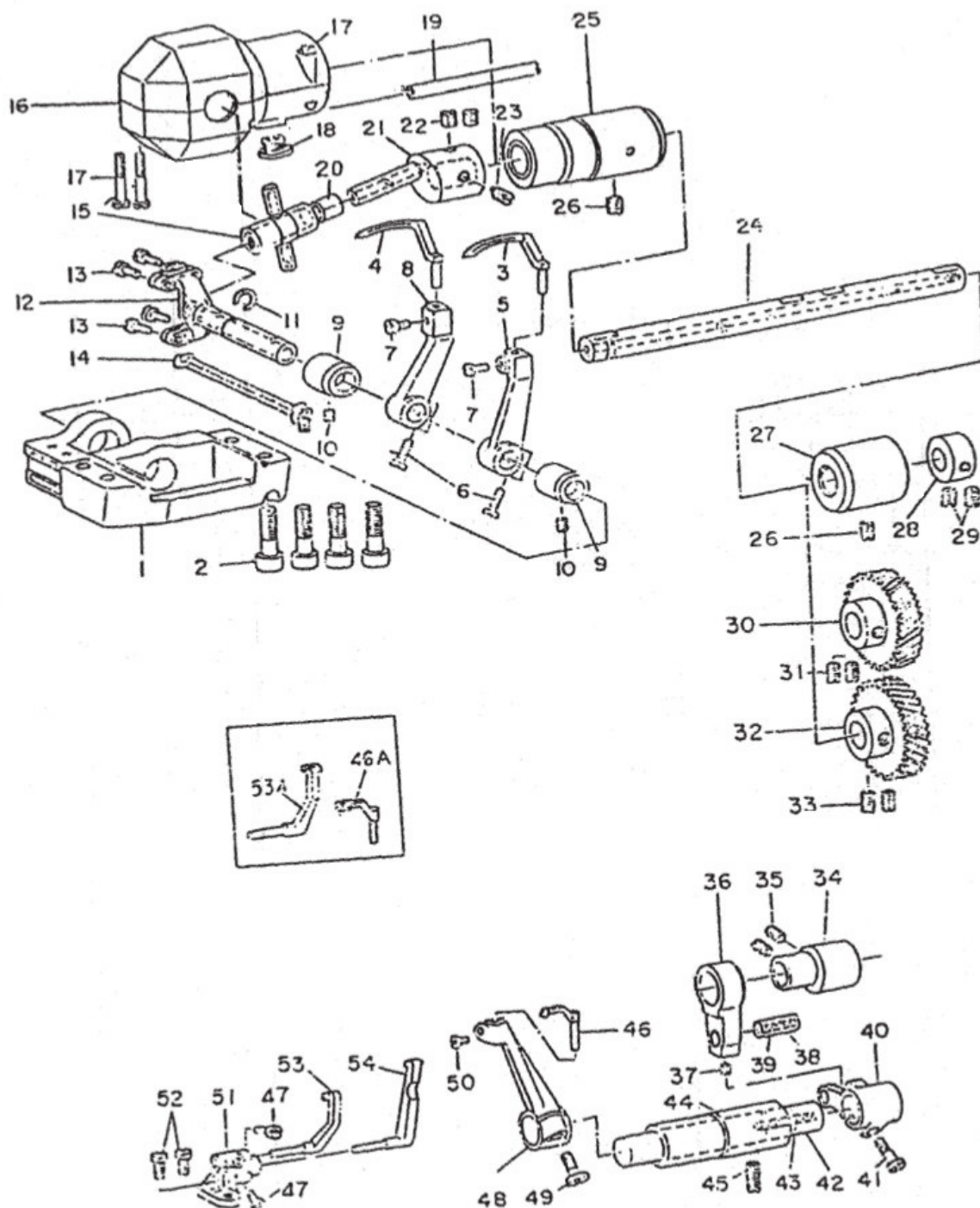
ITEM	PART NO	DESCRIPTION	QTY
38	5S4-53	FEED DRIVING ROCK ARM	1
39	5S4-52	PIN	1
40	22T6-008D3	SCREW	1
41	5S4-45R1	FEED CRANK	1
42	61-04-01/B5	SCREW	1
43	5S4-49	FEED ROCKER	1
44	5S4-42	PIN	1
45	5S4-43	NUT	1
46	6ZC671	PULL BAR	1
47	6ZE290	PIN	1
48	5S4-32M3	SCREW BAR	1
49	6ZC945	NUT	1
50	5S4-21H1	BACK CRANK	1
51	5S4-15E1	SCREW	1
52	6ZD052	SCREW	1
53	6ZD519	LEVER	1
54	6ZF099	SCREW	1
55	5S4-31L1	SCREW	1
56	6ZF098	O-RING	1
57	5S4-33	NUT	1
58	GB95	WASHER 10	1
59	5S4-34	WASHER	1
60	5S4-18G2	SMALL SPACER	1
61	5S4-18G5	BIG SPACER	1
62	5S4-18G3	FEED CAM	1

Feed Lifting Mechanism



ITEM	PART NO	DESCRIPTION	QTY
1	6Z9209	FEED DOG	1
2	6ZA751	WASHER	1
3	6ZA315	SCREW	1
4	6ZA751	WASHER	1
5	6Z5884	FEED BAR	1
6	6ZC945	NUT	1
7	6ZC946	SCREW	2
8	6ZD414	CRANK SHAFT	1
9	5S4-37P2	OIL WICK	1
10	6ZC201	WASHER	1
11	6ZC200	SCREW	1
12	6ZC943	CRANK	1
13	6ZC944	SCREW	1
14	GB894	STOP RING 15	1
15	5S4-50S1	FEED ROCK SHAFT	1
16	5S4-35	FRONT BUSHING	1
17	5S4-43	NUT	1
18	5S4-25J1	NARROW COLLAR	1
19	J0.068	SCREW	2
20	5S4-40Q1	STOP RING	1
21	22T2-00B2	SCREW	2
22	5S4-5S2	OIL WICK	1
23	5S4-44	BACK BUSHING	1
24	6ZC289	SCREW	1
25	6ZD214	FEED LIFTING ROCK SHAFT	1
26	5S4-10	FRONT BUSHING	1
27	6ZC198	FEED LIFTING CRANK (FRONT)	1
28	5S4-01A2	SCREW	2
29	5S4-03B1	FEED LIFTING LINK	1
30	5S4-04C1	STOP RING	1
31	6ZE219	SCREW	2
32	5S4-03B2	OIL WICK	1
33	5S4-10	FRONT BUSHING	1
34	6ZC579	SCREW	1
35	5S4-38	OIL WICK	1
36	5S4-40Q1	STOP RING	1
37	22T3-002B2	SCREW	2
38	5S4-44	BACK BUSHING	1
39	6ZC289	SCREW	1
40	5S4-17F1	FEED LIFTING CRANK (RIGHT)	1
41	61-04-01/B5	SCREW	1
42	5S4-19	FEED LIFTING CONNECTING ROD	1
43	6ZD529	BEARING	1
44	5S4-42	PIN	1

Looper Mechanism

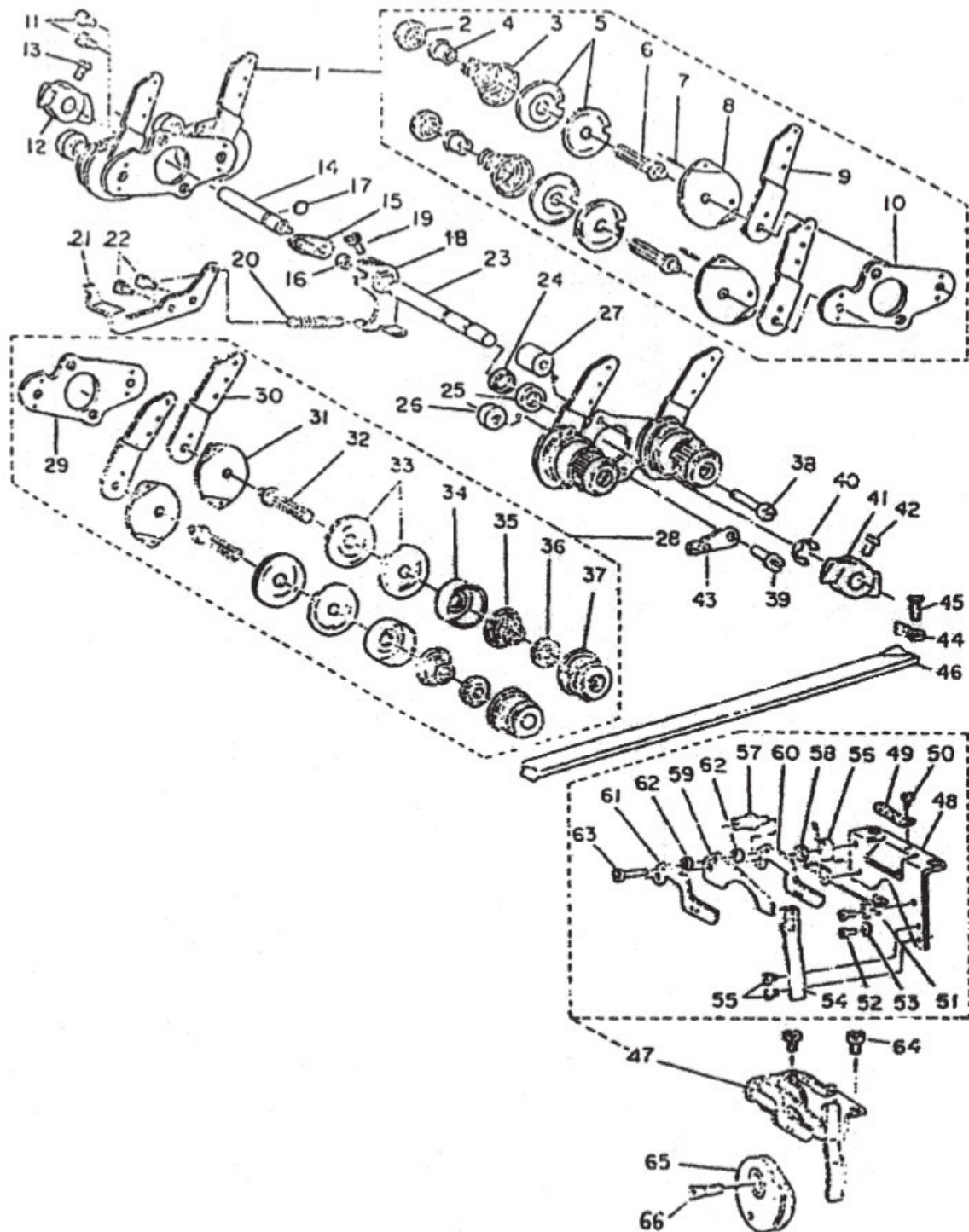


ITEM	PART NO	DESCRIPTION	QTY
1	6ZF332	LOOPER BASE	1
2	6ZC932	SCREW	4
3	6ZA258	LEFT LOOPER	1
4	6Z9109	RIGHT LOOPER	1
5	6Z8275	LEFT LOOPER BRACKET	1
6	6Z7369	SCREW	2
7	6ZD052	SCREW	2
8	6ZA259	RIGHT LOOPER BRACKET	1
9	5S5-04	BUSHING	2
10	61-04-01/B4/Z1	SCREW	2
11	GB894-2-86	STOP RING	1
12	6ZC580	HALF SHAFT ASSY	1
13	6Z8091	SCREW	4
14	N/A	YARN BRAID	1
15	5S5-07	CROSS JOINT	1
16	6ZF018	LOOPER CRANK HOUSING ASSY	1
17	6ZF019	SCREW	3
18	6ZF093	RUBBER PLUG	1
19	N/A	OIL RETURNING PIPE	1
20	5S5-08	BUSHING	2
21	6ZC573	LOOPER CRANK	1
22	6ZC403	SCREW	2
23	5S5-10	ECCENTRIC STUD	1
24	5S5-11	LOOPER DRIVING SHAFT	1
25	6ZC572	FRONT BUSHING	1
26	61-04-01/B9	SCREW	2
27	5S5-13	BACK BUSHING	1
28	5S5-14	COLLAR	1
29	6ZC403	SCREW	2
30	6ZD075	LEFT TURN GEAR	1
31	6ZC403	SCREW	2
32	6ZD076	RIGHT TURN GEAR	1
33	6ZC403	SCREW	2
34	6Z846	NEEDLE PROTECTING CAM	1
35	6ZC403	SCREW	2
36	6ZD078	NEEDLE PROTECTING CRANK	1
37	61-04-01/B4/Z1	SCREW	1
38	6ZC613	PIN	1
39	N/A	YARN BRAID	1

Looper Mechanism (cont)

ITEM	PART NO	DESCRIPTION	QTY
40	6ZC610	FORK CRANK	1
41	22T6-008D3	SCREW	1
42	6ZD021	NEEDLE PROTECTING SHAFT	1
43	N/A	YARN BRAID	1
44	5S5-21	BUSHING	1
45	6ZD052	SCREW	1
46	5S5-24	MOVEABLE NEEDLE PROTECTING LEVER	1
47	6ZD052	SCREW	2
48	6Z8091	NEEDLE PROTECTING BRACKET	1
49	6Z7371	SCREW	1
50	6Z7370	SCREW	1
51	6ZA333	NEEDLE PROTECTING BASE	1
52	6Z7373	SCREW	2
53	5S5-25	NEEDLE PROTECTING LEVER, LEFT	1
54	5S5-26	NEEDLE PROTECTING LEVER, RIGHT	1
46A	6Z9204	NEEDLE GUARD BLOCK, TANDEM	1
53A	6Z9203	NEEDLE GUARD BLOCK, TANDEM	1

Thread Tension Mechanism

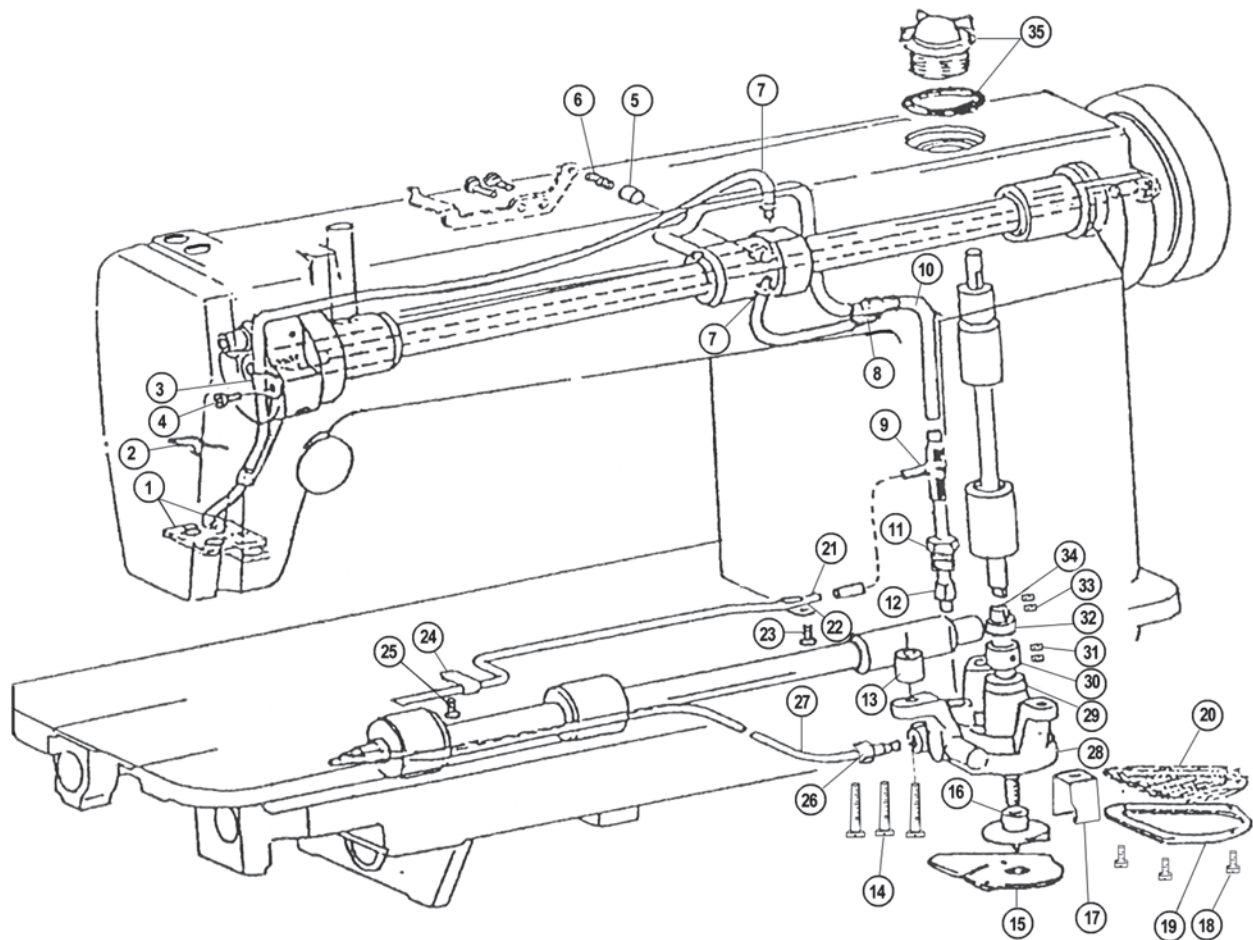


ITEM	PART NO	DESCRIPTION	QTY
1	6ZE200	REAR THREAD TENSION ASSY	1
2	5S6-01A8	TENSION NUT	2
3	5S6-01A6	TENSION SPRING	2
4	5S6-01A7	RETAINING RING	2
5	5S6-01A5	TENSION DISC	4
6	5S6-01A1	TENSION STUD	2
7	GB879-86	PIN	2
8	5S6-01A4AI	EYED THREAD GUIDE PLATE	2
9	6Z9815	3-EYED THREAD GUIDE PLATE (REAR)	2
10	5S6-01A2	INSTALLATION PLATE	2
11	6ZD494	SCREW	2
12	5S6-02	THREAD RELEASING CAM, REAR	1
13	6A3-18	SCREW	1
14	5S6-03B1	THREAD RELEASING STUD, REAR	1
15	5S6-03C2,B4	THREAD RELEASING PIN, REAR	1
16	5S6-03B3	NUT	1
17	6ZA270	O-RING	1
18	5S6-04C2	THREAD RELEASING FORK	1
19	36T5-008E5H01	SCREW	1
20	5S6-15	SPRING	1
21	5S6-14	SUSPENSION LEVER	1
22	6ZA745	SCREW	2
23	5S6-05	SHAFT	1
24	6ZA270	O-RING	1
25	5S6-10	BUSHING	1
26	5S6-06	BUSHING	1
27	5S6-08	BUSHING	1
28	6Z8391	FRONT THREAD TENSION ASSY	1
29	5S6-01A2	INSTALLATION PLATE	1
30	5S6-13D1	3-EYED THREAD GUIDE PLATE (FRONT)	2
31	5S6-13D2	THREAD GUIDE PLATE	2
32	5S6-01A1	TENSION STUD	2
33	5S6-13D3	TENSION DISC	4
34	5S6-13D4	TENSION SPRING CAP	2
35	5S6-13D5	TENSION SPRING	2
36	5S6-13D6	RETAINING RING	2
37	5S6-13D7A	TENSION NUT	2
38	5S6-09	SCREW	1
39	5S6-07	SCREW	1
40	5S6-11	SPRING STOP RING	1
41	5S6-12	THREAD RELEASING CAM (FRONT)	1
42	6A3-18	SCREW	1
43	5S1-21	2-EYED THREAD GUIDE	1

Thread Tension Mechanism (cont)

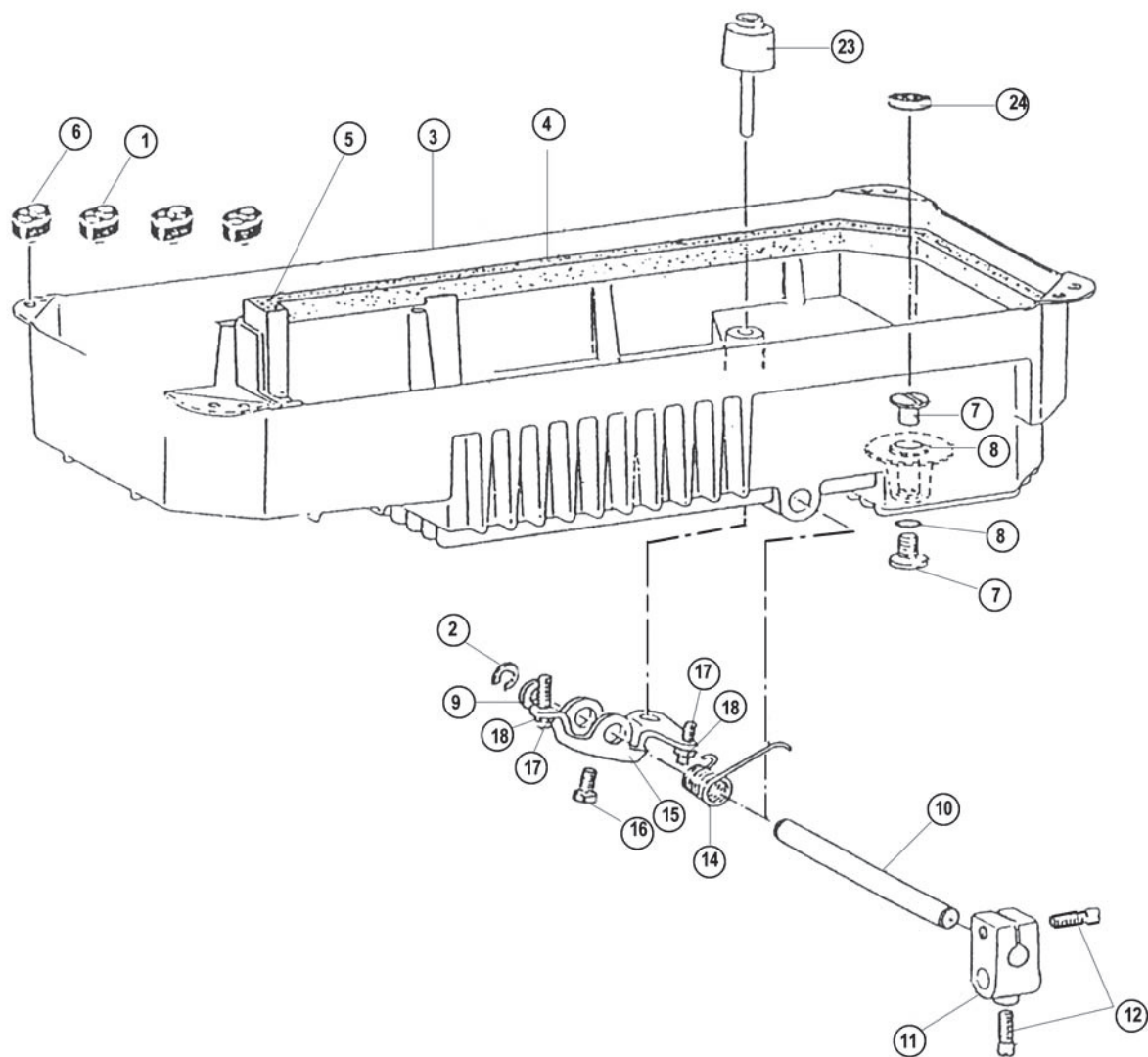
ITEM	PART NO	DESCRIPTION	QTY
44	5S6-16	THREAD GUIDE AT BED	1
45	5S6-17	SCREW	1
46	6Z9846	THREAD GUIDE TROUGH	1
47	6ZB720	THREAD RELEASING BRACKET ASSY	1
48	5S6-21F9	THREAD GUIDE PLATE (BIG)	1
49	6ZC293	THREAD GUIDE PLATE (SMALL)	1
50	6Z9563	SCREW	1
51	6Z9515	SPRING	1
52	6A2-14	SCREW	2
53	GB97.2-85	WASHER 3A	2
54	6Z9221	SPRING PLATE	1
55	6Z9563	SCREW	2
56	6ZB114	SPRING	1
57	5S6-21F3	SCREW	1
58	5S6-03B3	NUT	1
59	6ZC850	THREAD RETAINING PLATE	1
60	6ZC851	THREAD GUIDE (RIGHT)	1
61	6ZC8521	THREAD GUIDE (LEFT)	1
62	6ZC852	BUSHING	2
63	6ZD943	SCREW	1
64	N3-7-27	SCREW	2
65	6ZB120	THREAD RELEASING CAM ASSY. (LOWER)	1
66	6ZB095	SCREW	1

Lubrication Mechanism



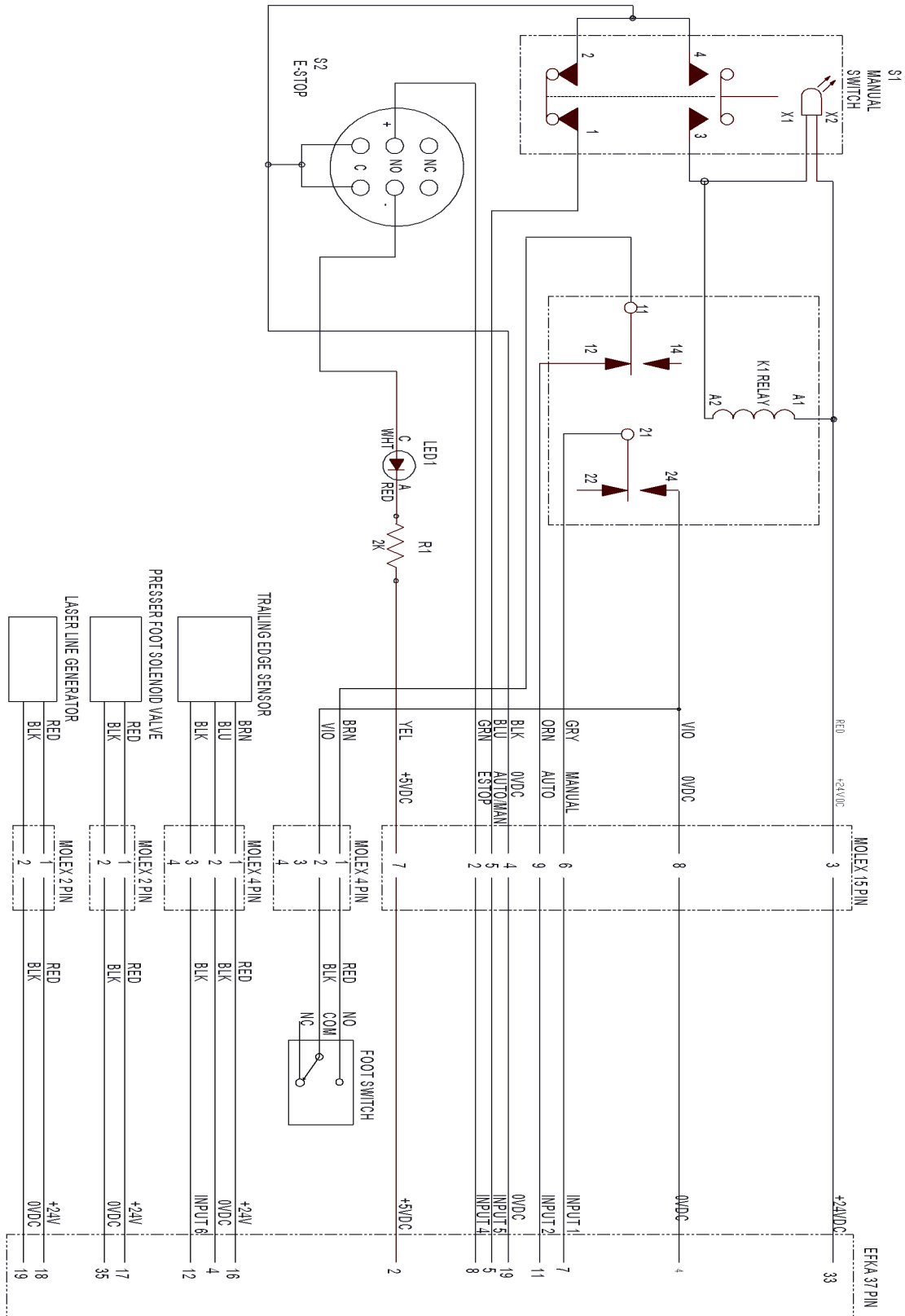
ITEM	PART NO	DESCRIPTION	QTY
1	6ZC611	FELT	1
2	5S7-05	SPRING	1
3	6ZD520	OIL SUCKING TUBE SUPPORT	1
4	6ZD494	SCREW	1
5	6ZA271	PIN	1
6	6ZA274	SPRING	1
7	6ZD525	JOINT	2
8	6ZC948	OIL TUBE SLEEVE	1
9	6ZC949	OIL TUBE SLEEVE	1
10	6ZC950	MAIN OIL TUBE	1
11	6ZD526	NUT	1
12	6ZD527	BUSH	1
13	5S7-13	BUSHING	3
14	5S7-14	SCREW	3
15	6ZD501	OIL PUMP SCREEN BRACKET	1
16	6ZA474	IMPELLER	1
17	6ZD502	OIL PUMP COVER	1
18	6ZD493	SCREW	3
19	6ZD500	OIL PUMP FITTING PLATE	1
20	6ZC614	OIL PUMP SCREEN	1
21	6ZD521	OIL TUBE	1
22	6ZD524	TUBE CLAMP	1
23	6ZD494	SCREW	1
24	6ZD524	TUBE CLAMP	1
25	6ZD494	SCREW	1
26	6ZD523	JOINT	1
27	6ZD522	OIL TUBE	1
28	6ZA474	OIL PUMP	1
29	6ZD499	BUSHING	1
30	6ZD498	COLLAR (BIG)	1
31	61-04-01/B4/E1	SCREW	2
32	6ZD497	COLLAR (SMALL)	1
33	6A4-007B	SCREW	2
34	6ZD496	OIL PUMP SHAFT	1
35	6ZD491	OIL CHECK WINDOW ASSY	1

Oil Pan Mechanism



ITEM	PART NO	DESCRIPTION	QTY
1	6ZB182	RUBBER CUSHION (SMALL)	2
2	GB894-76	STOP RING 11	1
3	5S8-1	OIL PAN	1
4	6ZC930	GASKET (A)	2
5	6ZB885	GASKET (B)	1
6	6ZB181	RUBBER CUSHION (BIG)	2
7	6ZC299	SCREW	2
8	6ZA270	O-RING	2
9	GB95-85	WASHER 10	1
10	6ZD599	HINGE BAR	1
11	22T9-003B3	JOINT	1
12	22T9-003B4	SCREW	2
14	6ZF020	SPRING	1
15	6ZD600	KNEE LIFTER STOP BRACKET	1
16	36T7-008D2	SCREW	1
17	22T9-001A9	ADJUSTING SCREW	2
18	22T9-001A10	NUT	2
23	6ZA210	LIFTING ROD	1
24	6ZC985	MAGNET	1

Electrical Diagram



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