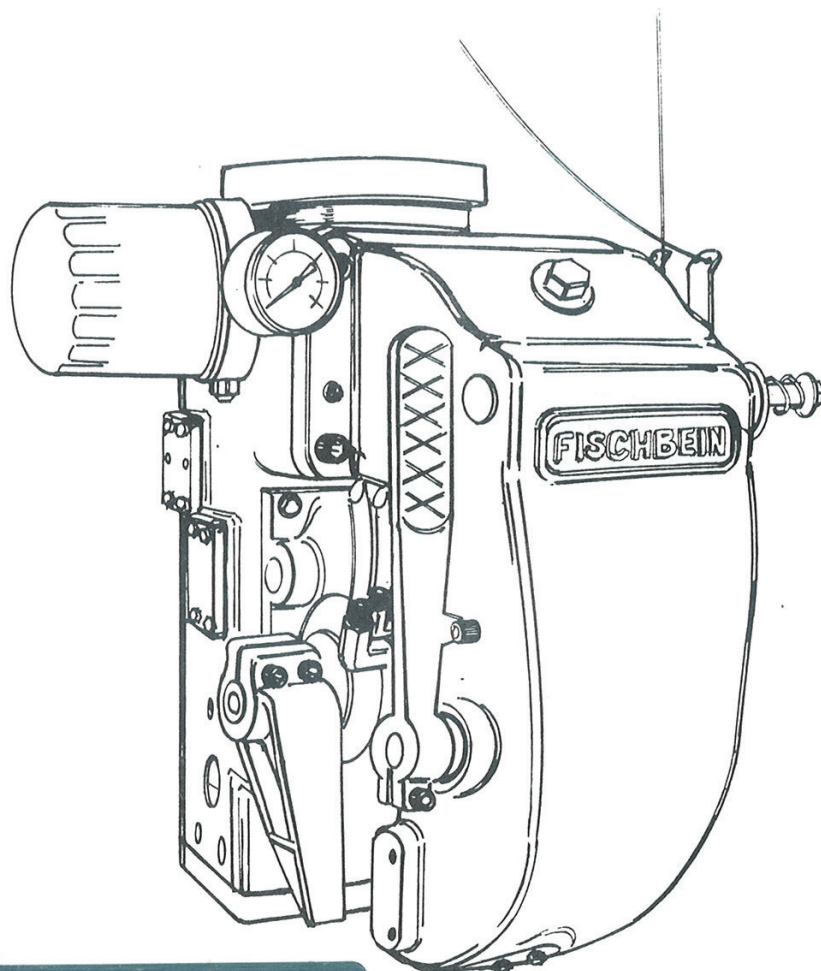
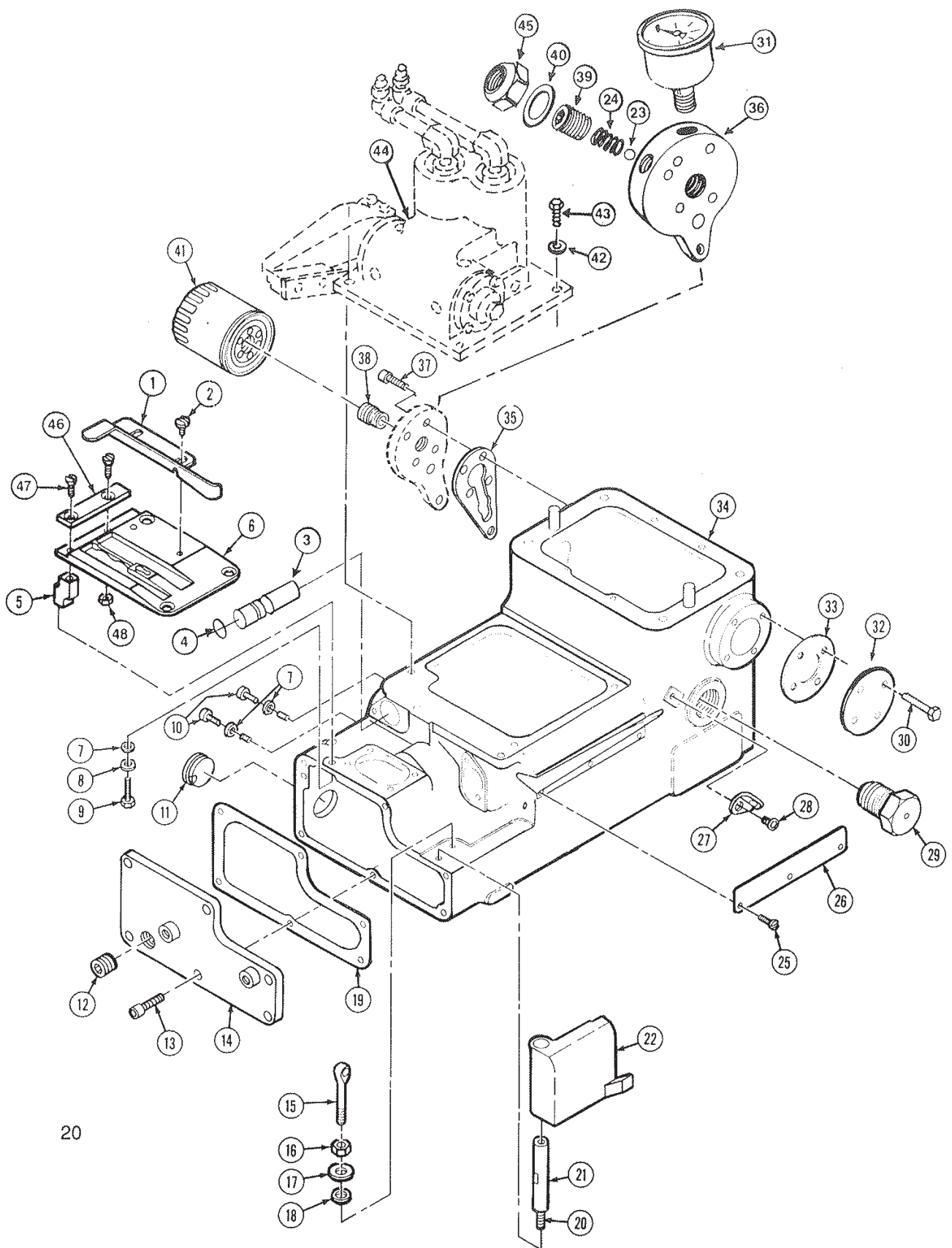


FISCHBEIN BAG CLOSER

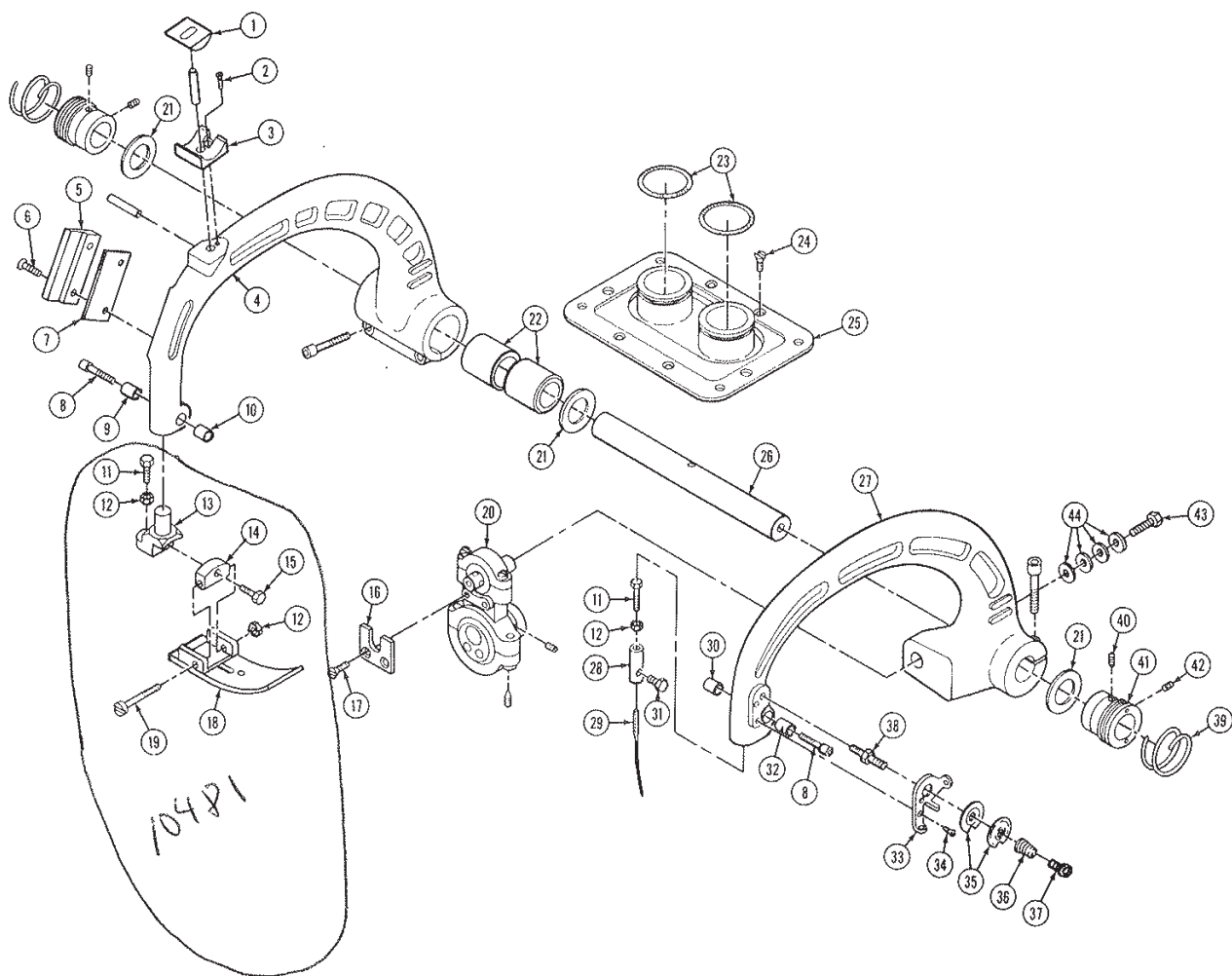
INSTRUCTION & PARTS MANUAL MODEL 91



PART NO. 35019
REVISION 3/91



MAIN HOUSING			
ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10449	FENCE
2	2	B103214	SCREW, BINDING HD #10-32 x 1/4
3	1	10442	PLUG
4	1	10441	O - RING
5	1	10434	POST, OFFSET
6	1	10485	PLATE, THROAT (1 7/8" - 2 1/2" TAPE)
7	3	WN8	WASHER, NYLON #8
8	1	WF10	WASHER, FLAT #10
9	1	H103212	SCREW, HEX HD #10-32 x 1/2
10	2	B103214	SCREW, BINDING HD #10-32 x 1/4
11	1	10112	WINDOW, OIL LEVEL
12	1	10111	PLUG, DRAIN - MAGNETIC
13	6	SC103258	SCREW, SOC. CAP #10-32 x 5/8
14	1	15072	COVER, BOTTOM
15	1	10170	PULL-OFF - LOOPER THREAD
16	1	NH1420	NUT, HEX #1/4 x 20
17	1	WF14	WASHER, FLAT #14
18	1	10052	WASHER - NYLON
19	1	10093	GASKET, COVER - BOTTOM
20	1	SS10321	SCREW SOC. SET #10-32 x 1
21	1	10016	POST, LONG - THROAT PLATE
22	1	10005	DOOR, LOOPER
23	1	15069	BALL, CHROME
24	1	15078	SPRING, PRESSURE
25	3	B632316	SCREW, BINDING HD #6-32 x 3/16
26	1	10098	COVER, GROOVE - THREAD
27	1	10164	EYELET, THREAD - SHORT
28	1	SB103212	SCREW, SOC. BUTTON #10-32 x 1/2
29	1	10116	ASS'Y, PLUG - BREATHER
30	4	H103212	SCREW, HEX HD #10-32 x 1/2
31	1	15053	GAUGE, OIL PRESSURE #60
32	1	15079	PLATE, COVER - SIDE
33	1	10094	GASKET, MAIN SHAFT SEAL
34	1	15002	HOUSING, MAIN
35	1	10095	GASKET, COVER - MANIFOLD
36	1	15056	MANIFOLD, FILTER
37	5	SC103234	SCREW, SOC. CAP #10-32 N.C. x 3/4
38	1	15062	NIPPLE, FILTER - OIL
39	1	15064	PLUG, ADJUSTING - MANIFOLD
40	1	15074	SEAL, NYLON
41	1	15054	CARTRIDGE, OIL - FILTER
42	4	10438	WASHER, COMPRESSION
43	4	H103258	SCREW, HEX HD #10-32 x 1/2
44	1	10401	ASS'Y, CLIPPER
45	1	11268	NUT, LOCK #3/8 - 24 NYLOCK
46	1	10446	KNIFE, BED
47	2	F83212	SCREW, FLAT HD #8-32 x 1/2
48	1	NH832	NUT, HEX #8-32

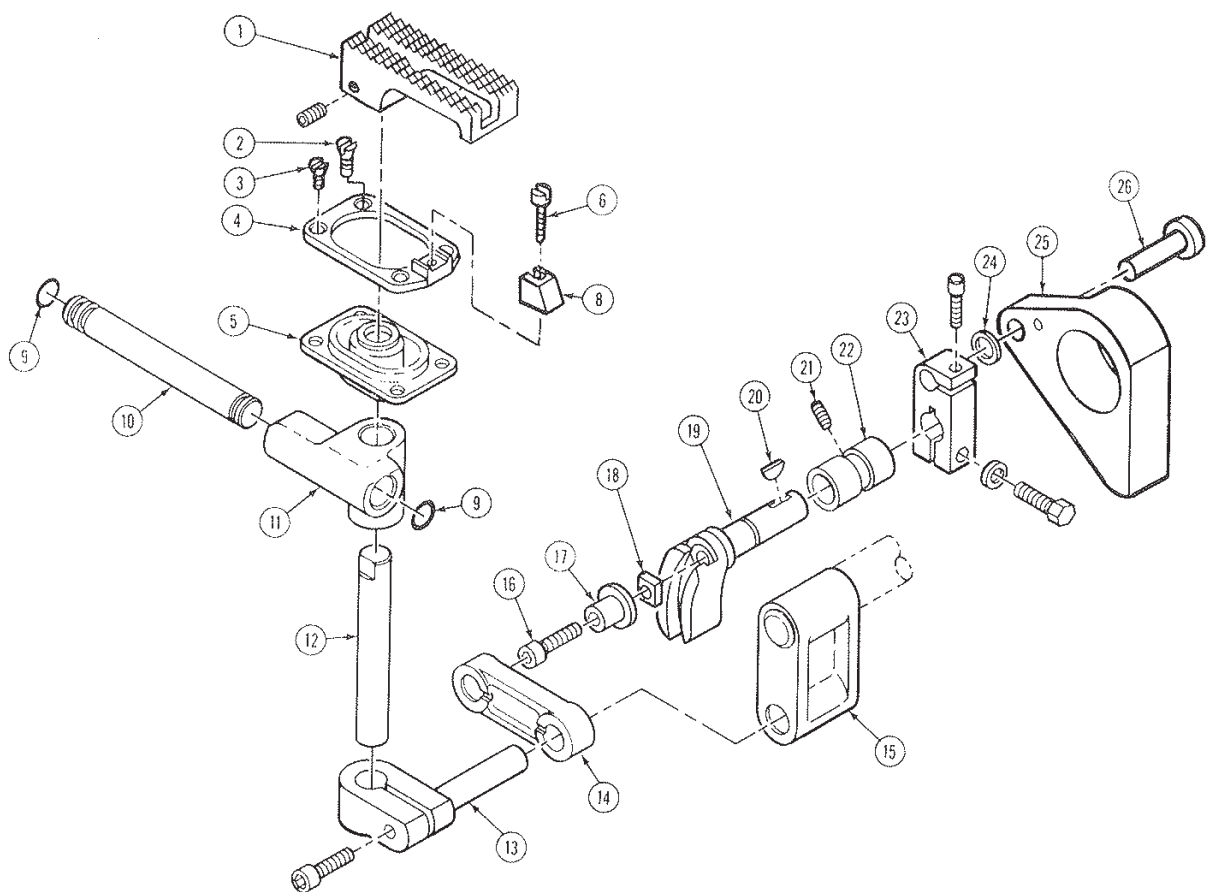


NEEDLE & PRESSER FOOT LEVER ASSEMBLIES

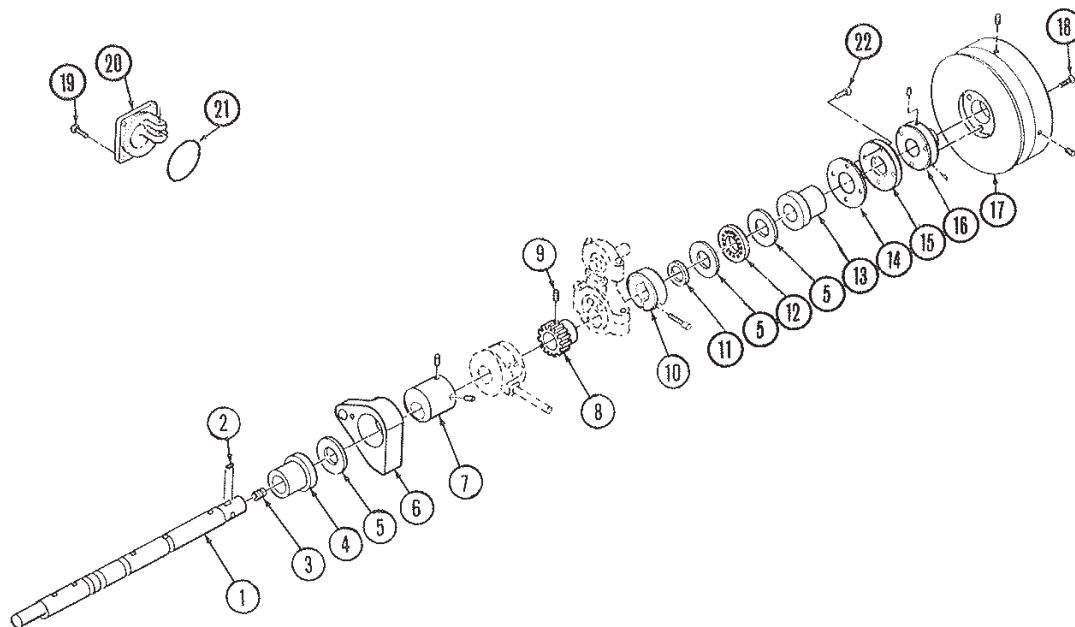
ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10190	PAD, SPRING - PRESSER FOOT
2	1	F63214	SCREW, FLAT HD #6-32 x 1/4
3	1	10189	CRADLE, PAD - PRESSER FOOT SPRING
4	1	10004	LEVER, PRESSER FOOT
	2	SC14201	SCREW, SOCKET HD CAP #14-20 x 1
	2	PS14112	PIN, ROLL
5	1	10163	CLAMP, BEARING - SHEET
6	2	F103258	SCREW, FLAT HD #10-32 x 5/8
7	1	10162	SHEET, BEARING-PRESS. FOOT LVR. GUIDE
8	2	SC63234	SCREW, SOCKET HD CAP #6-32 x 3/4
9	1	10213	PLUG, CLAMP-DRILLED (PRESS. FOOT)
10	1	10214	PLUG, CLAMP-TAPPED (PRESS. FOOT)
11	1	H103234	SCREW, HEX HD #10-32 x 3/4
12	3	NH1032	NUT
13	1	10155	SHANK, PRESS. FOOT (1 7/8"-2 1/2" TAPE)
	1	10498	SHANK, PRESS. FOOT (1 1/8"-1 3/4" TAPE)
14	1	10156	BLK., HINGE-PRSS. FT. (1 7/8"-2 1/2") TAPE
	1	10497	BLK., HINGE-PRSS. FT. (1 1/8"-1 3/4") TAPE
15	2	H103258	SCREW, HEX HD #10-32 x 5/8
16	1	10048	RETAINER, ROD - CONNECTING
17	2	F103238	SCREW, FLAT HD #10-32 x 3/8
18	1	10484	PRESSER FOOT (2" - 2 1/2" TAPE)
	1	10494	PRESSER FOOT (1 1/4"-1 3/4" TAPE)
	1	10562	PRESSER FOOT (1 7/8" TAPE)
19	1	10182	BOLT, HING'G-PRSS. FT. (1 7/8"-2 1/2") TAPE
	1	10499	BOLT, HING'G-PRSS. FT. (1 1/4"-1 3/4") TAPE
20	1	15018	ROD, CONNECTING - NEEDLE DRIVE
	1	SS142038CP	SCREW, SET - CONE POINT #14-20 x 3/8
	1	SS142014	SCREW, SET #14-20 x 1/4
21	3	T3129	WASHER, THRUST
22	2	10029	BUSHING, LEVER - PRESSER FOOT
23	2	10128	SPRING, GARTER - LEVER SEAL
24	4	F103238	SCREW, FLAT HD #10-32 x 3/8
25	1	10137	SEAL, LEVERS
26	1	10026	SHAFT, LEVERS
27	1	15073	LEVER, NEEDLE
	2	SC1420114	SCREW, SOCKET HD CAP #14-20 x 1 1/4
28	1	10031	CHUCK, NEEDLE
29	1	C100-S	NEEDLE
30	1	10212	PLUG, CLAMP-TAPPED (NEEDLE LEVER)
31	1	10011	SCREW, CLAMP NEEDLE
32	1	10211	PLUG, CLAMP-DRILLED (NEEDLE LEVER)
33	1	10166	GUIDE, THREAD-(NEEDLE LEVER)
34	2	F54038	SCREW, FLAT HD #5-40 x 3/8
35	2	10119	DISC, TENSION - SMALL
36	1	10009	SPRING, TENSION - (NEEDLE LEVER)
37	1	B103238	SCREW, BINDING HD #10-32 x 3/8
38	1	10113	STUD, TENSION - (NEEDLE LEVER)
39	2	10023	INSERT, THREAD-LEVERS SHAFT BUSHING
40	2	SS103238	SCREW, SET #10-32 x 3/8
41	2	10025	BUSHING, SHAFT LEVERS
42	2	SS1032316	SCREW, SET #10-32 x 3/16
43	1	H142812	SCREW, HEX HD #14-28 x 1/2
44	4	15076	WASHER, SPRING #1/4



LEVERS HOUSING ASSEMBLY			
ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10141	LEVER,LIFTER-PRESSURE FOOT
	1	SC142034	SCREW,SOC.CAP 1/4-20x3/4
2	1	SS142014	SCREW, SET #14-20x1/4
3	1	10139	BUSHING,LIFTER-PRESSER FOOT
4	1	10186	LINER,BUSHING-LIFTER LEVER
5	1	10187	SPRING, LIFTER LEVER
6	1	SC5161858	SCREW, STOP-LIFTER LEVER
7	1	10142	CAM,LIFTER-PRESSER FOOT
8	2	WS10	WASHER, SPRING #10
9	2	H103278	SCREW, HEX HD #10-32x7/8
10	1	10161	GUIDE, LEVER-PRESSER FOOT
11	2	SS1032516	SCREW, SET #10-32x5/16
12	1	10188	GUARD, TENSION-NEEDLE
13	2	B103238	SCREW, BINDING HD #10-32x3/8
14	1	10123	COVER, GUARD - LEVERS
15	1	10146	PLATE,PRESS. FT. SPRG.-TAPPED
	1	PS141	PIN, ROLL
16	2	H103234	SCREW, HEX HD #10-32x3/4
17	5	10145	SPRING, PRESSER FOOT
18	1	10144	CLAMP, SPRING-PRESSER FOOT
19	2	1-178	NUT, LOCK
20	1	10171	PULL-OFF, NEEDLE THREAD
21	7	SB103212	SCREW,SOC BUTTON 10-32x1/2
22	1	10164	EYELET, THREAD-SHORT
23	2	NH1428L	NUT,#14-28-LOCKING
24	4	10114	SLEEVE, TENSION
25	1	10008	SPRING, TENSION-LOOPER THREAD
26	4	10120	DISC, TENSION-LARGE
27	2	10115	STUD, TENSION
28	2	11120	WASHER, LOCK
29	2	PS18114	PIN,RETAINING-TENSION DISC
30	2	10165	EYELET, THREAD-LONG
31	1	10007	SPRING, TENSION-NEEDLE THREAD
32	4	10234	WASHER, SPRING
33	4	SC516181	SCREW, SOC.CAP #516-18x1
34	1	WF38	WASHER
35	1	H3824134	SCREW, ADJ.#38-24x1 3/4
36	1	SS142038	SCREW, SET #14-20x3/8
37	1	10002	HOUSING, LEVERS
38	1	10143	SHAFT, SPRING-PRESSER FOOT

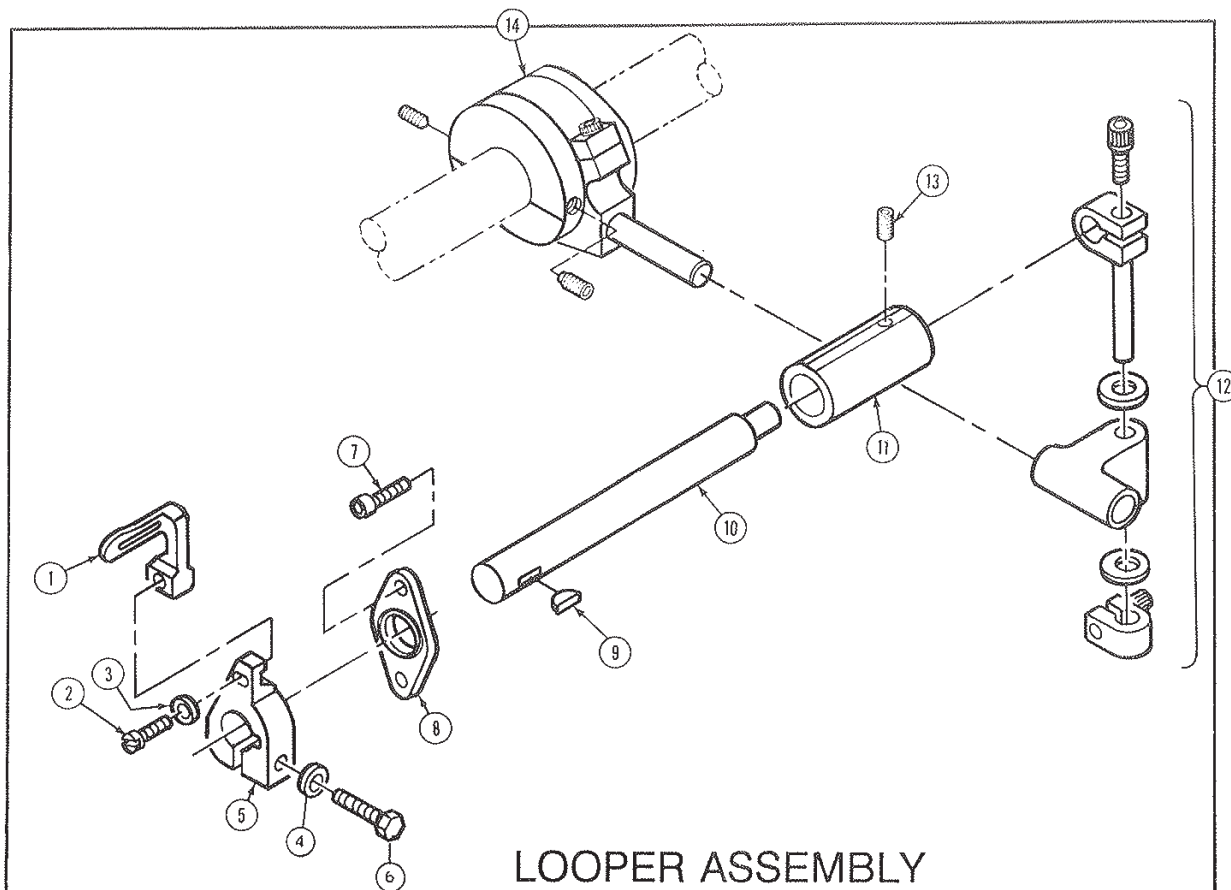


FEED ASSEMBLY			
ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10486	DOG, FEED (2" - 2 1/2" TAPE)
	1	10496	DOG, FEED (1 1/4" - 1 3/4" TAPE)
	1	10565	DOG, FEED (1 7/8" TAPE)
	1	SS1032516	SCREW, SET #10-32 x 5/16
2	1	F103238	SCREW,FLAT HD#10-32x3/8
3	3	F103212	SCREW,FLAT HD#10-32x1/2
4	1	10177	HOLDER, GUARD-NEEDLE
5	1	10077	SEAL, DOG - FEED
6	1	P540916	SCREW,PAN HD #5-40x9/16
8	1	10174	GUARD, NEEDLE
9	2	10075	RING, "O"
10	1	10074	ROD, SLIDE - FEED
11	1	10073	SLIDE, FEED
12	1	10072	ROD, CARRIER - FEED DOG
13	1	10070	CLAMP,ROD-FEED DOG CARRIER
	1	SC142078	SCREW,SOC.HD CAP#14-20x7/8
14	1	10069	LINK, STROKE - FEED
15	1	10071	LINK, LIFT - FEED
16	1	SC142878	SCREW,SOC.HD CAP#14-28x7/8
17	1	10068	PIVOT,ADJUSTING-FEED STROKE
18	1	10067	NUT,PIVOT-FEED STROKE ADJ'G.
19	1	10066	LEVER,SLOTTED-FEED ROCKER
20	1	T3192	KEY
21	1	SS1032516	SCREW, SET#10-32x5/16
22	1	10109	BUSHING,SHAFT-FEED ROCKER
23	1	10063	LEVER,PIN-FEED ROCKER
	1	SC54012	SCREW,SOC.HD CAP#5-40x1/2
	1	H103234	SCREW,HEX #10-32x3/4-GRADE 5
	1	WF10	WASHER, FLAT#10
24	1	10215	WASHER, THRUST
25	1	15070	ROD,CONNECT'G-PRIM.FEED STK.
26	1	10064	PIN,ROD-FEED STROKE CONNECT.



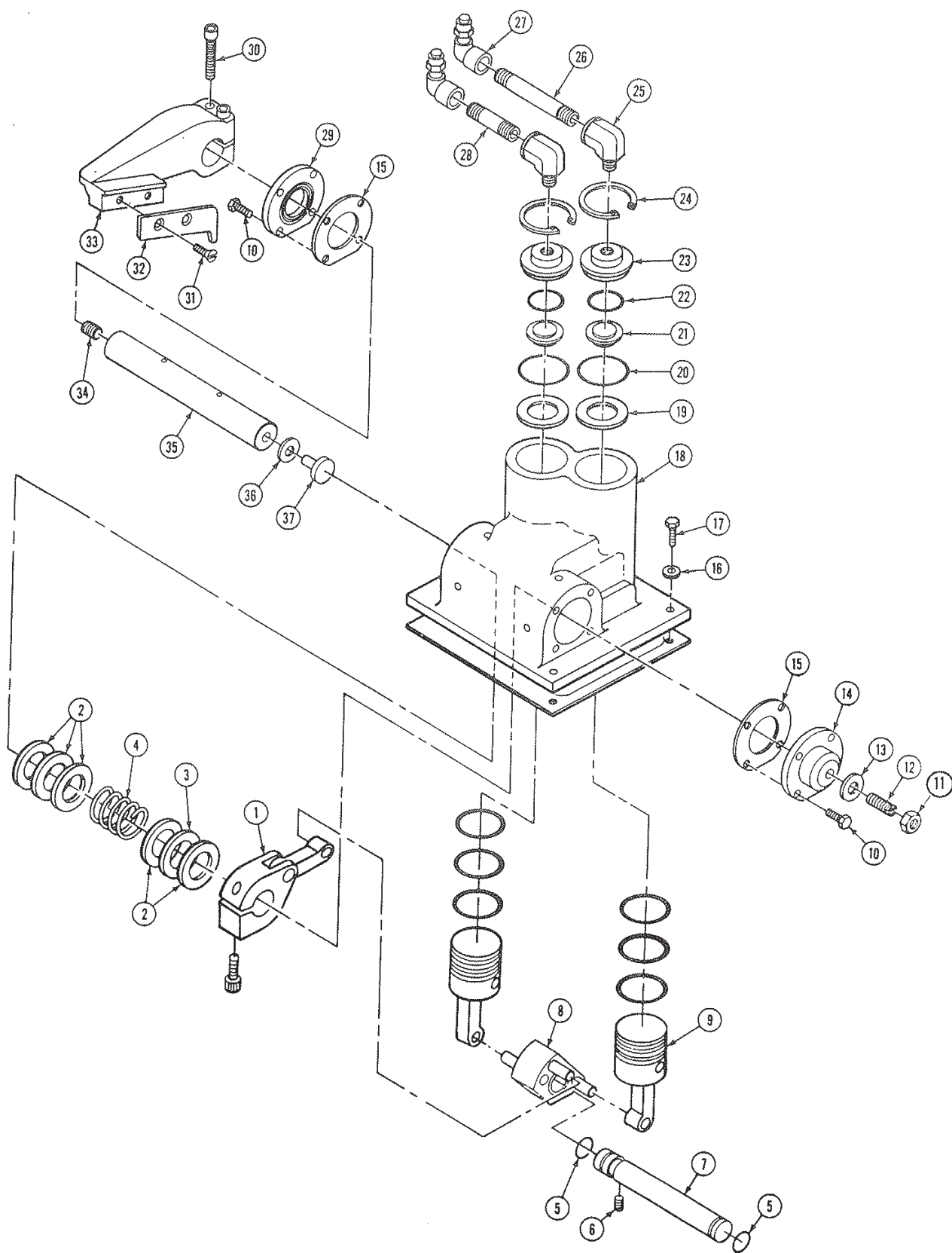
MAIN SHAFT ASSEMBLY

ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10045	SHAFT, MAIN
2	1	T3192	KEY
3	1	10125	PLUG, PIPE - MAINSHAFT
4	1	15042	BUSHING, MAIN SHAFT - NEEDLE END
5	3	T3129	WASHER, THRUST
6	1	15070	ROD,CONNECT'G-PRIMARY FEED STROKE
7	1	10061	ECCENTRIC, STROKE - FEED
	1	SS142038	SCREW, SET #14-20 x 3/8
	1	SS142038CP	SCREW,SET-CONE POINT#14-20x3/8
8	1	15016	GEAR, DRIVE - PUMP
9	1	SS832316CP	SCREW,SET-CONE POINT #8-32 x 3/16
	1	SS832316	SCREW, SET #8-32 x 3/16
10	1	15043	COLLAR, LOCK - MAIN SHAFT
	1	SC142858	SCREW,SOCKET HD CAP #14-28x5/8
11	1	15032	"O"- RING
12	1	P4024	BEARING, THRUST
13	1	15041	BUSHING, MAIN SHAFT - DRIVE END
14	1	10094	GASKET, MAIN SHAFT SEAL
15	1	10035	ASSEMBLY, SEAL - MAIN SHAFT
16	1	10038	HUB, PULLEY
	2	SS142038	SCREW, SET #14-20 x 3/8
17	1	10199	PULLEY, ADJUSTABLE
	2	SS142038	SCREW, SET #14-20 x 3/8
18	3	F103258	SCREW, FLAT HD #10-32 x 5/8
19	4	H103212	SCREW, HEX HD #10-32 x 1/2
20	1	10085	BRACKET, PIVOT KNIFE
21	1	10084	RING, "O"
22	4	SC103212	SCREW, SOCKET HD CAP #10-32 x 1/2

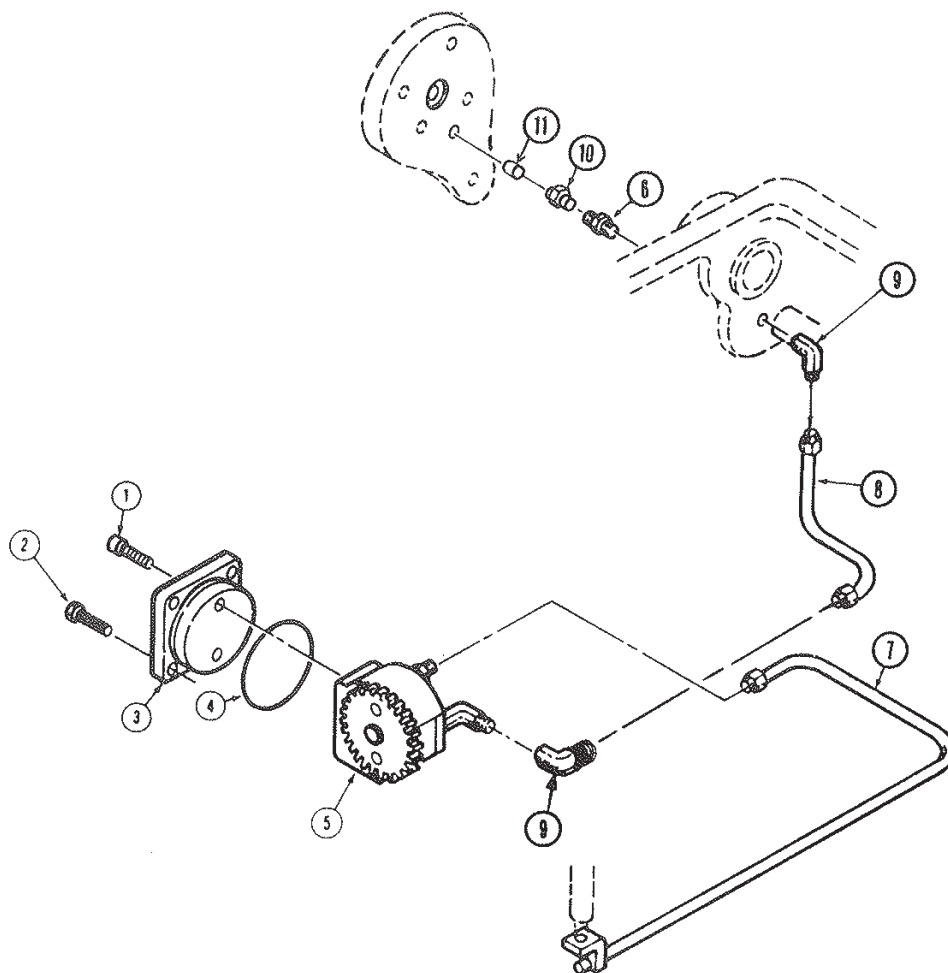


LOOPER ASSEMBLY

ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10060	LOOPER (TWO THREAD)
	1	10208	LOOPER (ONE THREAD)
2	1	P540916	SCREW, PAN HD.#5-40X9/16
3	1	WF5	WASHER #5
4	1	WF10	WASHER, FLAT #10
5	1	10159	HOLDER, LOOPER
6	1	H103234	SCREW,HEX #10-32x3/4 GRADE 5
7	2	H103212	SCREW,HEX HD#10-32x1/2
8	1	10076	ASSEMBLY,SEAL- LOOPER SHAFT
9	1	T3192	KEY
10	1	10055	SHAFT, LOOPER
11	1	10056	BUSHING, SHAFT - LOOPER
12	1	10173	ASS'Y, PIVOT - LOOPER
	2	15066	THRUST WASHER
	1	15065	CLAMP
	1	15039	PIN, PIVOT - LOOPER
	1	10153	KNUCKLE, PIVOT - LOOPER
	1	H103258	SCREW,HEX HD#10-32x58
13	1	SS1032516	SCREW, SET #10-32x5/16
	1	WF10	WASHER, FLAT #10
14	1	10150	ASS'Y CAM - LOOPER
	1	SS103258CPL	SCREW,SET-CONE PT.#10-32x5/8
	1	SS103212L	SCREW,SET#10-32x1/2-NYLOC



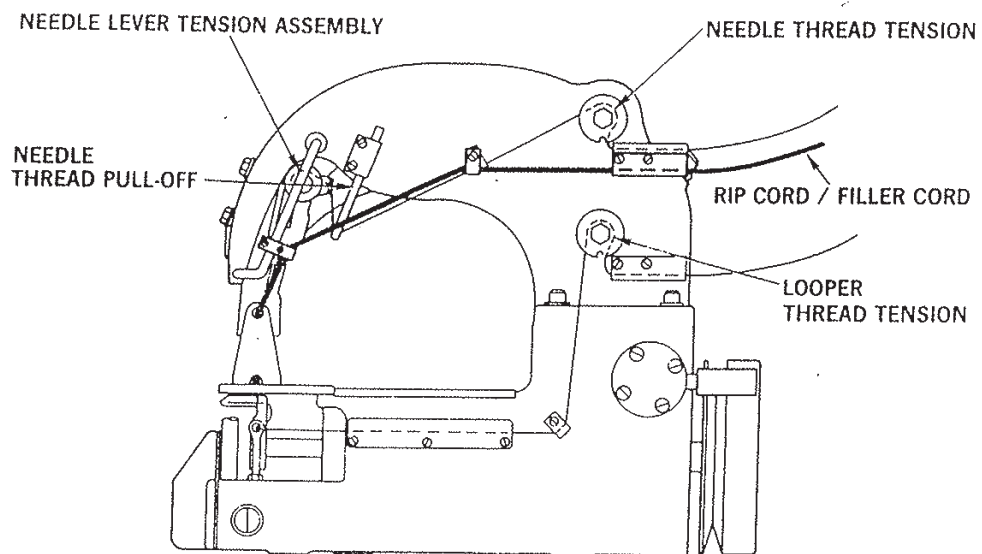
TAPE CLIPPER			
ITEM	QUAN.	PART NO.	DESCRIPTION
1	1	10447	ASS'Y., LEVER CUTTER
	1	SC14201	SCREW, SOC. CAP #1/4-20 x 1 LOCK'G
2	5	T3129	WASHER, THRUST
3	1	P4024	BEARING, THRUST
4	1	10424	SPRING, COMPRESSION
5	2	10420	RING, "O" - CRANKSHAFT
6	1	SS1032316	SCREW, SET
7	1	10419	CRANKSHAFT
8	2	10404	ASSEMBLY, CRANK
9	2	10458	ASS'Y., PISTON - TAPE CLIPPER
	4	10398	RING, BACKUP
	2	10399	U-CUP
10	8	SB103214	SCREW, SOC. BUTTON #10-32 X 1/2
11	1	NH1428	NUT, HEX
12	1	10440	SCREW, ADJUSTING
13	1	10052	WASHER, NYLON
14	1	10430	PLATE, COVER
15	2	10429	GASKET
REF.	1	10092	GASKET, COVER - TOP
16	4	10438	WASHER, COMPRESSION
17	4	H103258	SCREW, HEX HD
18	1	10405	HOUSING, CUTTER
19	2	10406	WASHER, HEAD CYLINDER
20	2	10409	RING, "O" - CYLINDER HEAD
21	2	10407	PLATE, BUMPER
22	2	10408	RING, BUMPER
23	2	10410	HEAD, CYLINDER
24	2	10411	RING, SNAP
25	2	P4957	ELBOW, STREET
26	1	P4944	NIPPLE, LONG
27	2	P4962	ELBOW, FEMALE
28	1	P4943	NIPPLE, LONG
29	1	10403	ASSEMBLY, SEAL - SHAFT
30	2	SC1420114	SCREW, SOCKET CAP
31	2	F103212	SCREW, FLAT HD
32	1	10443	KNIFE, MOVING
33	1	10432	LEVER, KNIFE
34	1	10125	PLUG, PIPE - MAINSHAFT
35	1	10426	SHAFT, KNIFE
36	1	10428	WASHER, THRUST
37	1	10427	SHAFT, THRUST



OIL PUMP ASSEMBLY

ITEM	QUAN.	PART NO.	DESCRIPTION
1	2	SC103234	SCREW,SOC.CAP #10-32x3/4
2	4	H103212	SCREW, HEX HD #10-32x1/2
3	1	15015	MOUNT PUMP
4	1	10084	RING "O"
5	1	15003	ASSEMBLY GEAR-PUMP
6	1	15059	FITTING, PIPE STRAIGHT
7	1	15050	OIL LINE, SUPPLY
8	1	15093	OIL LINE, PRESSURE
9	2	15092	FITTING, COMPRESSION ELBOW
10	1	15088	TUBING, COPPER
11	1	A1882	BUSHING, NEOPRENE

RIP CORD/FILLER CORD ATTACHMENT



PARTS REQUIRED FOR RIP CORD/FILLER CORD ATTACHMENT

SEWING HEAD:

A-10164	EYELET, THREAD - SHORT.....	1
A-10165	EYELET, THREAD - LONG.....	1
A-10216	EYELET, RIP CORD.....	1
A-10285	PRESSER FOOT - BASE.....	1
H10321	SCREW, HEX HD.....	3

PEDESTAL:

A-4109	EYELET.....	2
H103212	SCREW, HEX HD.....	2
WF10	WASHER.....	2
B2090	CONE, THREAD HOLDER.....	1
WL38	WASHER, LOCK.....	1
H38161	SCREW, HEX HD.....	1