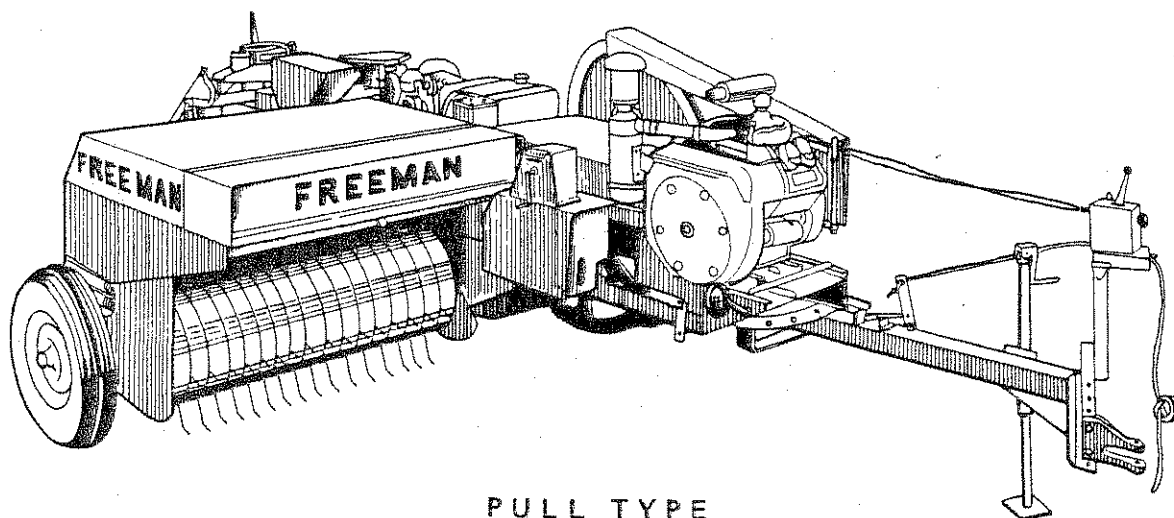


FREEMAN

Automatic Hay Baler

881 PARTS LIST



PULL TYPE
Model 330

manufactured and distributed by

J. A. FREEMAN & SON, INC.





BE CAREFUL

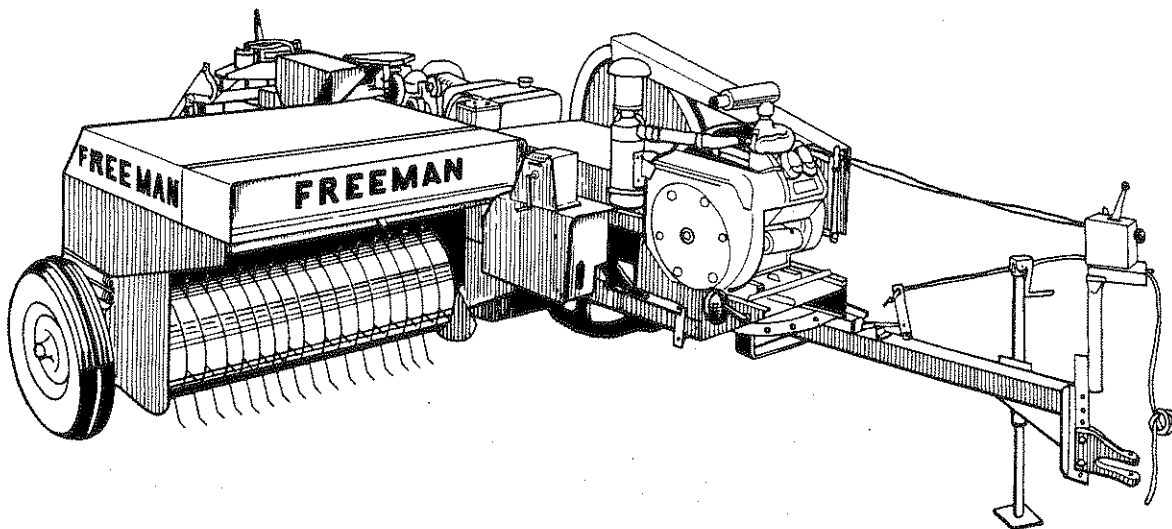
1. KEEP ALL SHIELDS IN PLACE.
2. STOP ENGINE OR MOTOR BEFORE LEAVING OPERATORS POSITION TO ADJUST, LUBRICATE, CLEAN, OR UNCLOG MACHINE, UNLESS OTHERWISE SPECIFICALLY RECOMMENDED IN THE "OPERATOR'S MANUAL."
3. WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING MACHINE.
4. KEEP HANDS, FEET, AND CLOTHING AWAY FROM POWER DRIVEN PARTS.
5. KEEP OFF EQUIPMENT UNLESS SEAT OR PLATFORM FOR OPERATION AND OBSERVATION IS PROVIDED.
6. KEEP ALL OTHERS OFF.
7. USE APPROPRIATE SIGNS OR WARNING LIGHTS WHEN OPERATING ON HIGHWAYS.
8. MAKE CERTAIN EVERYONE IS CLEAR OF MACHINE BEFORE STARTING ENGINE, MOTOR OR OPERATION.

881

PARTS LIST

for

Model 330



POLICY

1. It is the policy of J.A. Freeman & Son, Inc. to constantly improve its products whenever it is practical to do so.
2. J.A. Freeman & Son, Inc. reserve the right to redesign or change its equipment or component parts thereof without incurring any obligation to install or furnish such changes on equipment previously delivered.
3. Unauthorized changes or additions to equipment manufactured by J.A. Freeman & Son, Inc. relieves the company of further responsibility for warranted operation and breakage replacement.

INSTRUCTIONS FOR ORDERING PARTS

1. Order by part number and description of part.
 - (a) Parts should NOT be ordered from illustration only.
 - (b) Parts should NOT be ordered from numbers on castings.
2. Order by baler serial number and model.
3. Much delay and confusion can be avoided if parts numbers are arranged in sequence on all orders.
4. State how to ship: whether by truck, stage, parcel post, air parcel post, UPS, or air freight.
5. Claims for shortage or error in handling of an order for parts must be made upon receipt of goods.
6. Address all orders for parts as follows:

J.A. Freeman & Son, Inc.
Parts Department,
2034 N.W. 27th Avenue,
Portland, Oregon 97210

Place serial number of machine here for your convenience:

Baler Serial No. _____

Motor Serial No. _____

Left and right of machine are understood to mean from a position facing in the direction of travel.

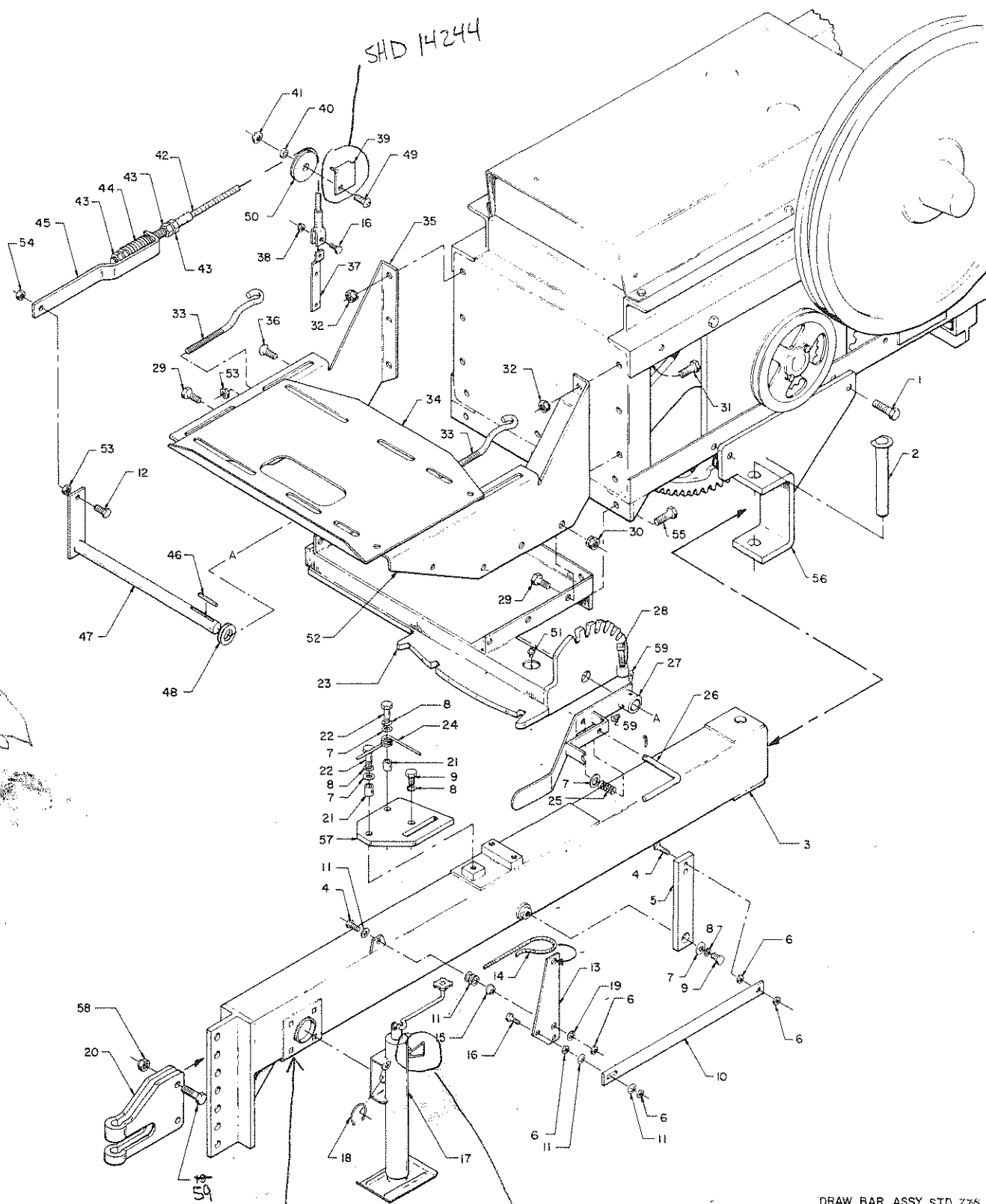
Permission must be secured before any parts are returned for credit. When parts are returned, the freight must be prepaid or arrangements made so that they can be brought in by our trucks.

"NOTE"

Parts are identified by reference numbers. See parts list for correct part numbers. DO NOT USE REFERENCE NUMBERS AS PART NUMBERS.

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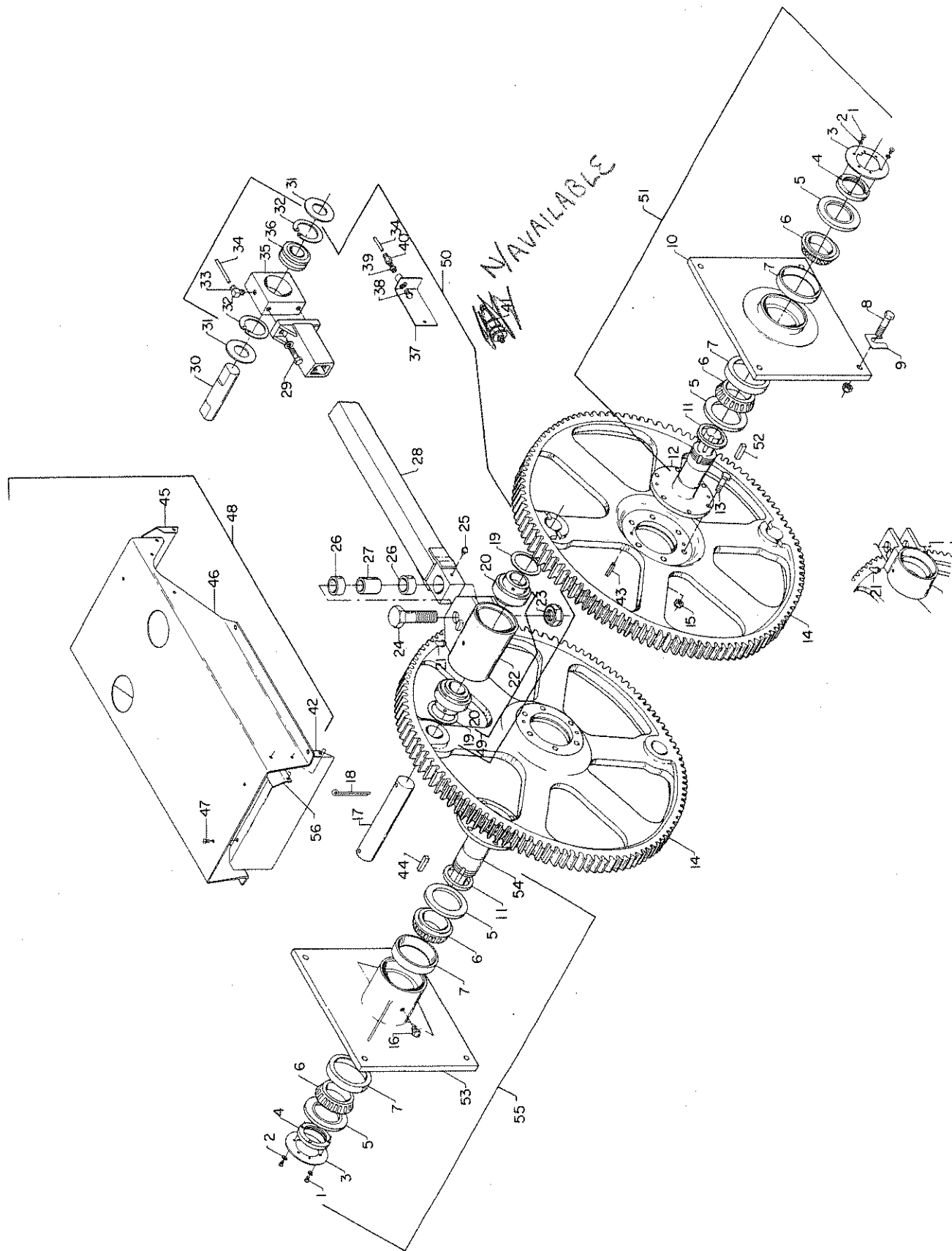
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SEE '86 BOOK FOR JCK 158 INFO

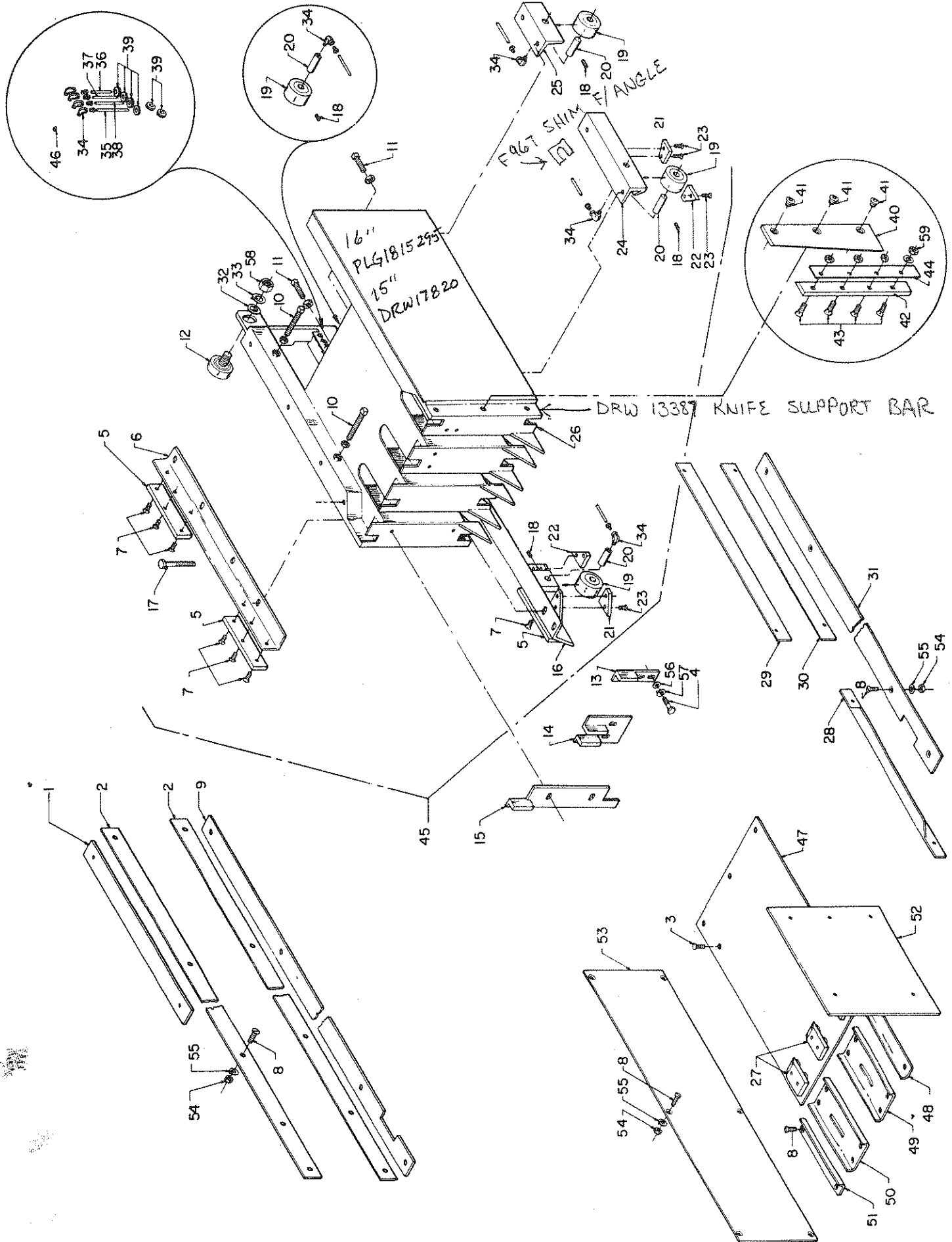
DRAWBAR ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	SCC0000707	5/8" x 2-1/4" ^{NE} UNC cap screw	46	F122	1/4" x 1/4" x 2-1/2" key
2	PIN11230	Tongue pivot pin	47	F7538	Pickup lift lever cross rod
3	DRB11218	Drawbar only	48	F8247	Washer 1-1/8" x 3"
4	SCC0000305	3/8" x 1-3/4" UNC cap screw	49	SBH000503	1/2" x 1-1/4" NC button head
5	LTH11229	Tongue latch plate	50	F8192	Cable pulley
6	NCH0003750	3/8 UNC hex nut	51	ZZ100	Zerk 1/4"
7	SCT0005000	1/2" flat washer, 3 used	52	F7800	Engine base plate mount L.H.
8	WLK0000500	1/2" lock washer, 4 used	53	NCH0000500	1/2" NC nut
9	SCC0000501	1/2" x 3/4" NC cap screw	54	NCJ0000500	Jam nut 1/2" NC
10	LTH11231	Tongue latch link	55 ^{SFC}	SCC0000505	1/2" x 1-3/4" ^{NE} UNC cap screw
11	WCT0003750	3/8" flat washer, 4 used	56	BKT11225-16306	Pivot pin bracket
12	SCC0000503	1/2" x 1-1/4" NC	57	PLT11228	Latch plate
13	LEV11232	Tongue latch lever	58	NCE0006250	5/8 UNC ESNA
14	F7005	Rope	59	SCC 708	5/8 x 2 1/2 NC CS, 2 USED
15	F440	Ferrule	Listed, but not shown		
16	SCB0030003	3/8" x 1-1/4" NC cap screw		DRB0112190	Standard drawbar complete
17	F1833	Jack		DRB001219	12" longer, drawbar only
18	F1834	Snap ring		DRB011290	12" longer, drawbar complete
19	SCB0000708	5/8" x 2-1/2" UNC cap screw, 2 used		3/8 FL	
20	F183	Front end hitch			
21	F7607	Bushing, 2 used ^{BSH11985}			
22	SCC0050006	1/2" x 2" NC cap screw, 2 used			
23	HTH 11264	Hitch base assembly			
24	F1891	Spring			
25	F7541	Spring			
26	F7540	Adjusting pin			
27	F7539	Pickup lift lever			
28	F73	1/2" x 4" square head set screw			
29	SFC0000503	1/2" x 1-1/4" ^{NE} NC cap screw, 5 used			
30 ^{NFH}	NCH000500	1/2" NF nut with lock washer, 5 used			
	WLK0000500				
31	SFC0050003	1/2" x 1-1/4" NF cap screw, 9 used			
32	NFH0005000	1/2" NF cap screw with lock washers, 12 used			
	WLK0000500				
33	F7010	Engine adjusting bolt, 2 used			
34	F7707	Engine base plate			
35	F7799	Engine base plate mount R.H.			
36	SBH0000503	1/2" x 1-1/4" button head bolt			
37	F7194	Pickup lift bracket			
38	NFE0003750	3/8 lock nut			
39	F7590 SHD14244	Sheave clip, pickup lift roller			
40	F8193	Bushing			
41 ^{NCE}	NFE000500	1/2" lock nut ^{ESNA}			
42	F7565	Pickup lift cable with ends			
43 ^{NCJ}	NFJ0007500	3/4 NE jam nuts, 4 used			
44	F7003	Spring			
45	F7567	Cable connecting link for cushion spring			



BULL GEAR AND PLUNGER CONNECTING ROD ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	F7039	Screw for locking washer, 8-32X, 1/2" H.H. cap screw, 8 used
2	F7040	Lock washer for F7039 screw, No. 8 medium, 8 used
3	F7038	Locking washer
4	F7037	Adjusting nut for side plate bearing
5	F7035	Seal for side plate, No. 255833, 4 used
6	F7033	Bearing for side plate, No. 33287, 4 used
7	F7034	Bearing cup for side plate, No. 33462, 4 used
8	SFC0000710	5/8" x 3" N.F. cap screw, 8 used
9	F967	Shim, 16 ga.
	F967A	Shim, 20 ga.
	F967B	Shim, 10 ga.
10	F7462	Side plate, L.H. with bearing cups
11	F7036	Seal race
12	F7032	Shaft, knotter drive
13	SCC0050007	1/2" x 2 1/4" N.C. cap screw, 12 used
14	F7438	Bullgear, 88 tooth, 2 used
15	WEE000500	1/2" N.C. fiber locknut, 12 used
16	F1661	Hydraulic shut-off fitting, 2 used
17	F1134	Crank pin gear end
18	F55	Key for crank pin, 2 used
19	ZZ000204	Machinery bushing, 14 ga., as required, 2 used
20	F8100	Bearing for F8229 connecting rod, GN115KLL, 2 used
	F8385	Bearing only, GN115KLL
	F8386	Locking collar only, SN115K
21	ZZ0000101	1/4" - 28 x 90° grease fitting
22	F8229	Connecting rod end housing only, bullgear end
23	F8080	1 1/4" N.F. elastic stop nut
24	PIN8670	Pivot pin for swivel end
25	ZZ0000110	1/4" - 28 x 45° grease fitting
26	F8077	Steel bushing, connecting rod swivel end, IR2916, 2 used
27	F8078	Steel bushing
28	F8076	Connecting rod ROD 20683
29	SCC0000505	1/2" x 1 1/4" N.C. grade 8 cap screw SCC 80505
30	F7914	Plunger pin
31	ZZ0000200	Washer, 1 1/4" x 2 1/2", 10 ga.
	ZZ0000202	Washer, 1 1/4" x 2 1/2", 14 ga.
	ZZ0000203	Washer, 1 1/4" x 2 1/2", 18 ga.
32	F7917	Snap ring
33	F1441	Elbow for connecting rod grease tube, 889L Imp.
	F8312	Sleeve for F1441
34	F7545	Grease tube, 1/4", plunger pin to F8263 bracket, 7"
35	F8075	Connecting rod end housing, plunger end, complete w/bearing
36	F7916	Bearing for connecting rod end housing
37	F8263	Bracket for grease tube on connecting rod
38	F7651	Grease fitting on connecting rod, 2 used
39	F7418	1/4" x 1/8" pipe reducer bushing
40	F778	Connector, grease tube
	F8312	Sleeve for F778
41	F7543	Spring loaded grease cup NOT AVAILABLE
42	F8149	Bullgear shield front
43	F7239	Roll pin, 3/8" x 1 1/2"
44	ZZ425	5/8" x 5/8" x 2 1/4" square key
45	F8148	Bullgear shield rear
46	SHD8027	Bullgear shield center
47	SMR0000100	1/4" x 1/2" round head machine screw, 8 used
48	SHD8648	Bullgear shield complete
49	F8230	Connecting rod end housing complete w/bearing, bullgear end
50	F8281	Connecting rod complete with ends
51	F7463	Side plate L.H. w/bearing & shaft
52	F225	Key, knotter drive shaft, 1/2" x 1/2" x 2", 2 used
53	F7354	Side plate, R.H. with bearing cups
54	SHF7093	Shaft, feed fork drive
55	PLT7573	Side plate, R.H. with bearing and shaft
56	SHD13514	Fuel line shield

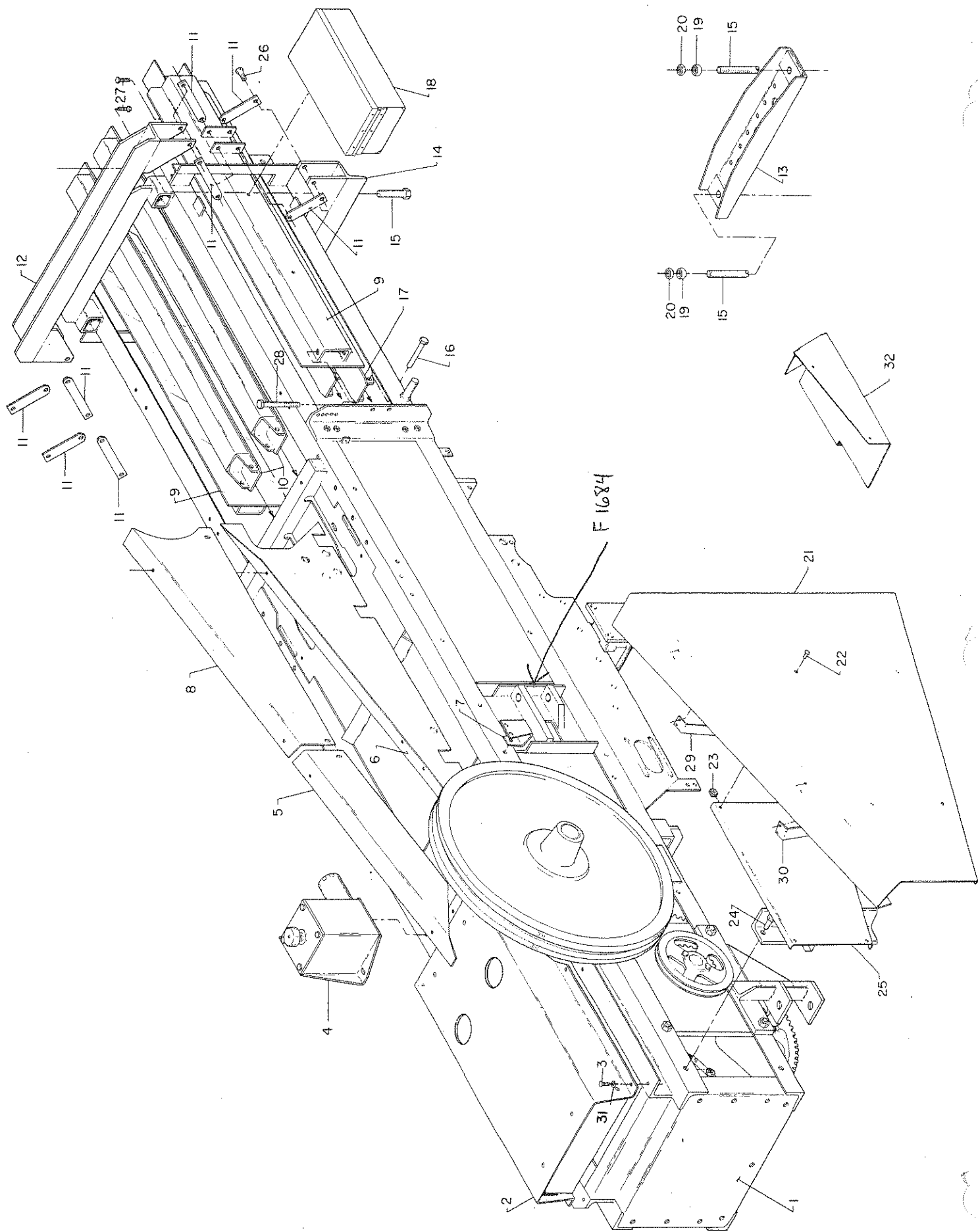


PLUNGER ASSEMBLY MODEL 330

REF. NO.	PART NO.	DESCRIPTION
1	F7765	Plunger roller rail, top L.H.
2	F7763	Plunger guide rail, top and bottom
3	SCC0000302	3/8" x 1-1/2" No. 3 plow bolt <i>PWB 3751500</i>
4	SCC0000302	3/8" x 1" N.C. cap screw
5	F1537	Hard slide for roller plunger, 4 used
6	F7766	Hard slide mounting rail, L.H. top
7	SCC00000201	5/16" x 3/4" N.C. cap screw, flat head
8	SCB00002002	5/16" x 1" F.H. machine screw for plunger rail, 40 used
	SCC00002004	5/16" x 1-1/2" F.H. machine screw for plunger rail, 12 used
9	F7762	Plunger roller rail, L.H. bottom
10	F0000073	1/2" x 4" square head set screw, top rail, 2 used
	SQS5002500	1/2" x 2-1/2" square head set screw, bottom rail, 2 used
11	SQS7502500	3/4" x 2-1/2" square head set screw, plunger pin lock, 2 used
12	F1636	Roller for top of plunger
13	F8056	Adjusting pad for plunger face, right side, used on twine only
14	F8057	Adjusting pad for plunger face, center, 2 used, used on twine only
15	F8058	Adjusting pad for plunger face, left side, 16" x 22" chamber
	F8172	Adjusting pad for plunger face, left side, 17" x 22" chamber
16	PLG7837	Roller and slide mounting angle, L.H. bottom
17	SCC0000313	3/8" x 3-3/4" N.C. cap screw, 12 used
18	SCC00000199	5/16" x 5/16" allen head set screw, 4 used
19	F775	Roller for plunger, 4 used
20	PIN7831	Pin, plunger roller, 4 used
21	F986	Wiper, rear, 2 used
22	F774	Wiper, front, 2 used
23	SMR00000101	1/4" x 3/4" F.H. machine screw, 8 used
24	PLG7839	Roller mounting angle, R.H. rear
25	PLG7840	Roller mounting angle, R.H. front
26	F8357	Plunger frame only, 16" x 22", 1979
	F8358	Plunger frame only, 17" x 22", 1979
	PLG13361	Plunger frame only, 16" x 22", 1980 — <i>PLG 13058</i>
	PLG13059	Plunger frame only, 17" x 22", 1980
27	F7822	Wire and twine track block, bottom, 1977-up
28	F7439	Knife guide under feed opening
29	F299	Plunger slide, flat, upper R.H. side
30	F298	Plunger slide, flat, lower R.H. side
31	F7767	Plunger roller rail, R.H. bottom
32	WCT0007500	3/4" flat washer
33	WLK0000750	3/4" lock washer
34	F1441	Elbow, grease tube, 4 used
	F8312	Sleeve for F1441
35	F780	Grease tube, right rear, 36"
36	F781	Grease tube, left front, 14"
37	F779	Grease tube, left rear, 30"
38	F779	Grease tube, right front, 30"
39	F7735	Grommet, grease tube protector, 6 used
40	F7764	Plunger knife for 1979
	KNF11157	Plunger knife for 1980
	KNF13381	Long taper knife
41	F227	Bolt for plunger knife, 3 used
42	F1609	Knife, stationary with square holes
43	F1629	Bolt for F1609 knife, 4 used
44	F751	Shim for F1609 knife, 14 ga.
	F1512	Shim for F1609 knife, 20 ga.
45	F8165	Plunger complete, less knife, 16" x 22" chamber (1979); PLG0130580 (for 1980 models)
	F8166	Plunger complete, less knife, 17" x 22" chamber (1979); PLG0130590 (for 1980 models)
46	ZZ0000103	1/8" P.T. grease fitting
47	F8167 <i>F 8379</i>	Bale chamber bottom
48	F7813	Liner ext. for bale chamber bottom, R.H., 1977-up
49	F7816	Liner ext. for bale chamber bottom, R.H. center, 1977-up
50	F7818	Liner ext. for bale chamber bottom, L.H. center, 1977-up
51	F7819	Liner ext. for bale chamber bottom, L.H., 1977-up
52	F7812	Liner for bale chamber side, R.H.
53	F7825	Liner for bale chamber side, L.H., 16" chamber
	F7826	Liner for bale chamber side, L.H., 17" chamber
54	NCE0009425 <i>313</i>	5/16" N.C. nut
55	WLK0000313	5/16" lock washer
56	WCT0003750	3/8" flat washer
57	WLK0000375	3/8" lock washer
58	NCE0007500	3/4" N.C. nut
59	NCE0005000	1/2" N.C. nut

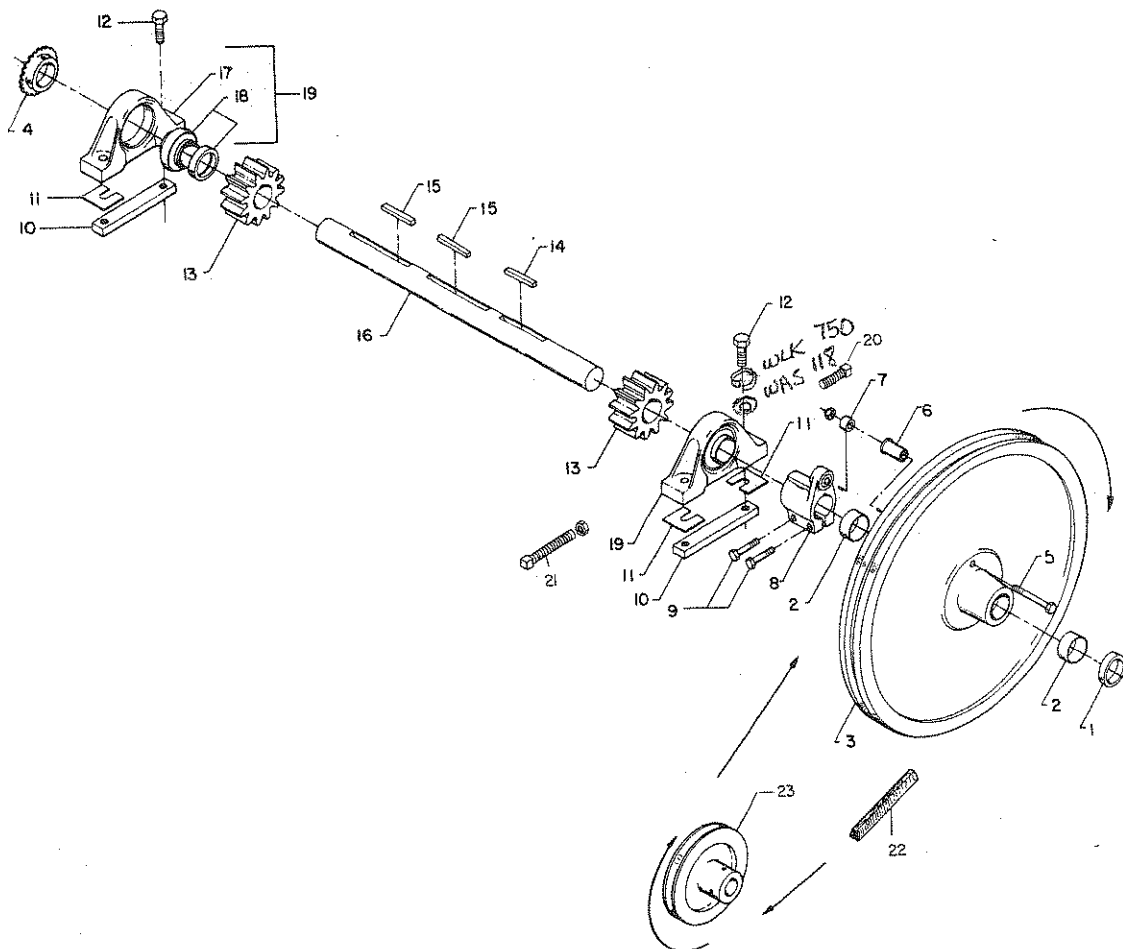
F 967 - 16 GA
F 967A - 20 GA
F 967B - 10 GA

SHIMS FOR
PLG 7837
7839
7840



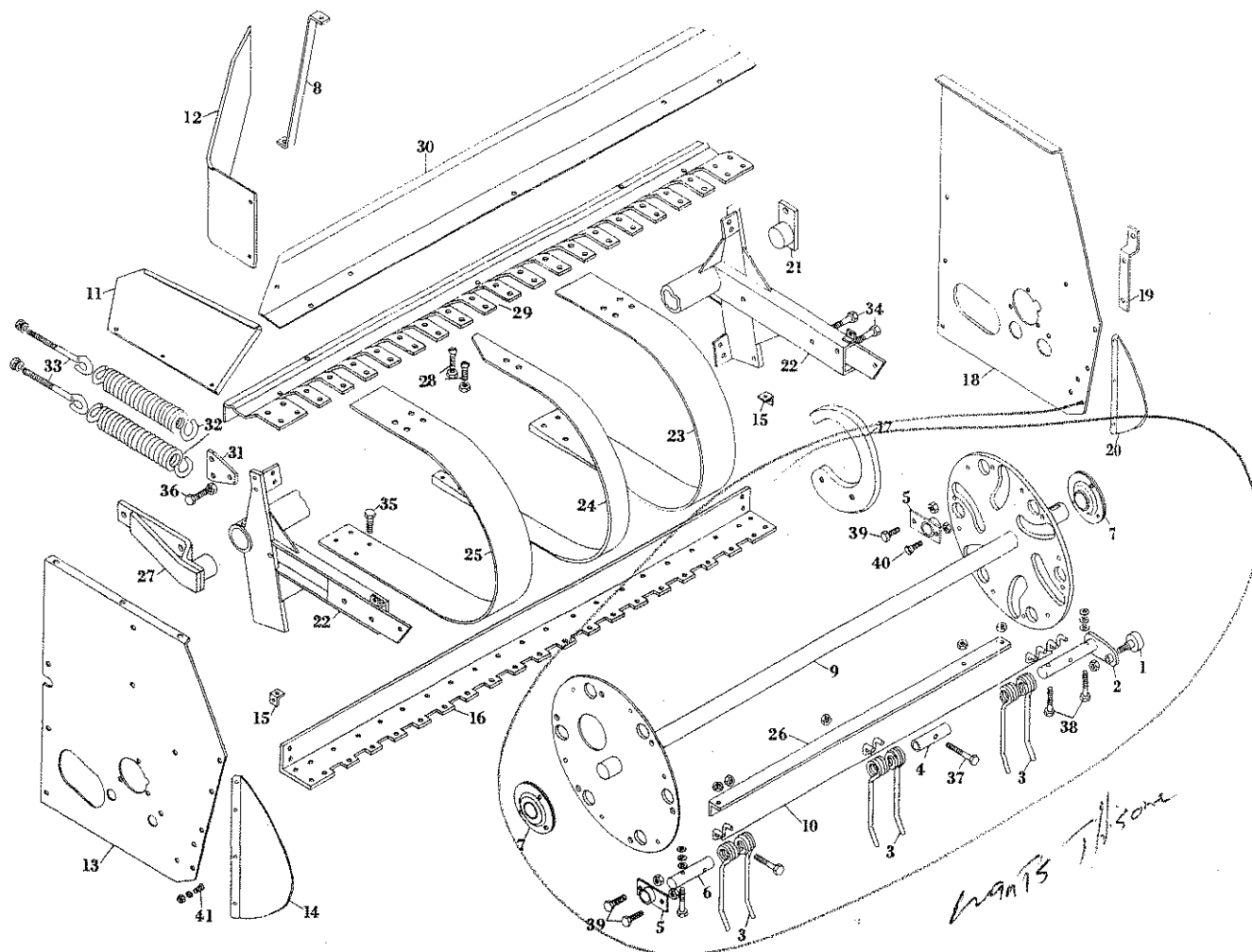
BALE CHAMBER

REF. NO.	PART NO.	DESCRIPTION
1	F8353	Bale chamber frame, 16" x 22"
	F8354	Bale chamber frame, 17" x 22"
2	SHD8027	Bullgear shield complete
3	SCC0000103	1/4" x 1" N.C. cap screw
4	FT560	Tension control pump assembly
5	F8152	Front knotter chain shield
6	F8156	Inner chain shield, wire
	F8377	Inner chain shield, twine
7	F8153	Chain shield center bracket
8	F8155	Shield, knotter drive chain
9	TNS7040	Side tension rail, 2 used
	TNS7057	Side tension rail, 12" longer, 2 used
	TNS7056	Side tension rail, 18" longer, 2 used
10	TNS6887	Top tension rail, 2 used
	TNS68900	Top tension rail, 12" longer, 2 used
	TNS68901	Top tension rail, 18" longer, 2 used
11	F497	Flat linkage bar, 8 used
12	TNS7050	Top tension angle, 16" x 22" chamber
	TNS7597	Top tension angle, 17" x 22" chamber
13	TNS13280	Cylinder frame
14	TNS7049	Bottom tension angle, 16" x 22" chamber
	TNS7596	Bottom tension angle, 17" x 22" chamber
15	F600	Tension bolt, 3/4" x 27-1/8", 2 used
16	SCC0000514	1/2" x 4" N.C. cap screw, 4 used
17	TNS6888	Bottom tension rail, 2 used
	TNS68890	Bottom tension rail, 12" longer, 2 used
	TNS68891	Bottom tension rail, 18" longer, 2 used
18	BOX7161	Tool box
19	NCH NCE0000750	3/4" N.C. nut
20	NCH NFJ0007500	3/4" N.C. jam nut
21	F8350	Drive belt shield
22	SMR0000101	1/4" x 3/4" round head machine screw, 4 used
23	NCC00002500	Clip nut, 1/4"
24	SCC0000504	1/2" x 1 1/2" N.C. cap screw, 2 used
25	F7737	Bracket, drive belt shield w/battery box
26	SCC0000503	1/2" x 1 1/4" N.C. grade 5 cap screw, tension linkage, 8 used
27	SCC0000304	3/8" x 1 1/2" N.C. cap screw, 4 used
28	SCC0000517	1/2" x 5 1/2" N.C. cap screw, side tension rail, 2 used
29	F8349	Rear brace, drive belt shield
30	F8352	Front brace, drive belt shield
31	F7550	Rubber grommet, 4 used
32	SHD11063	Shield extension, motorized & Hyd. PTO
	BKT11131	Mounting Bracket
	SHD8311	Shield extension, PTO Standard



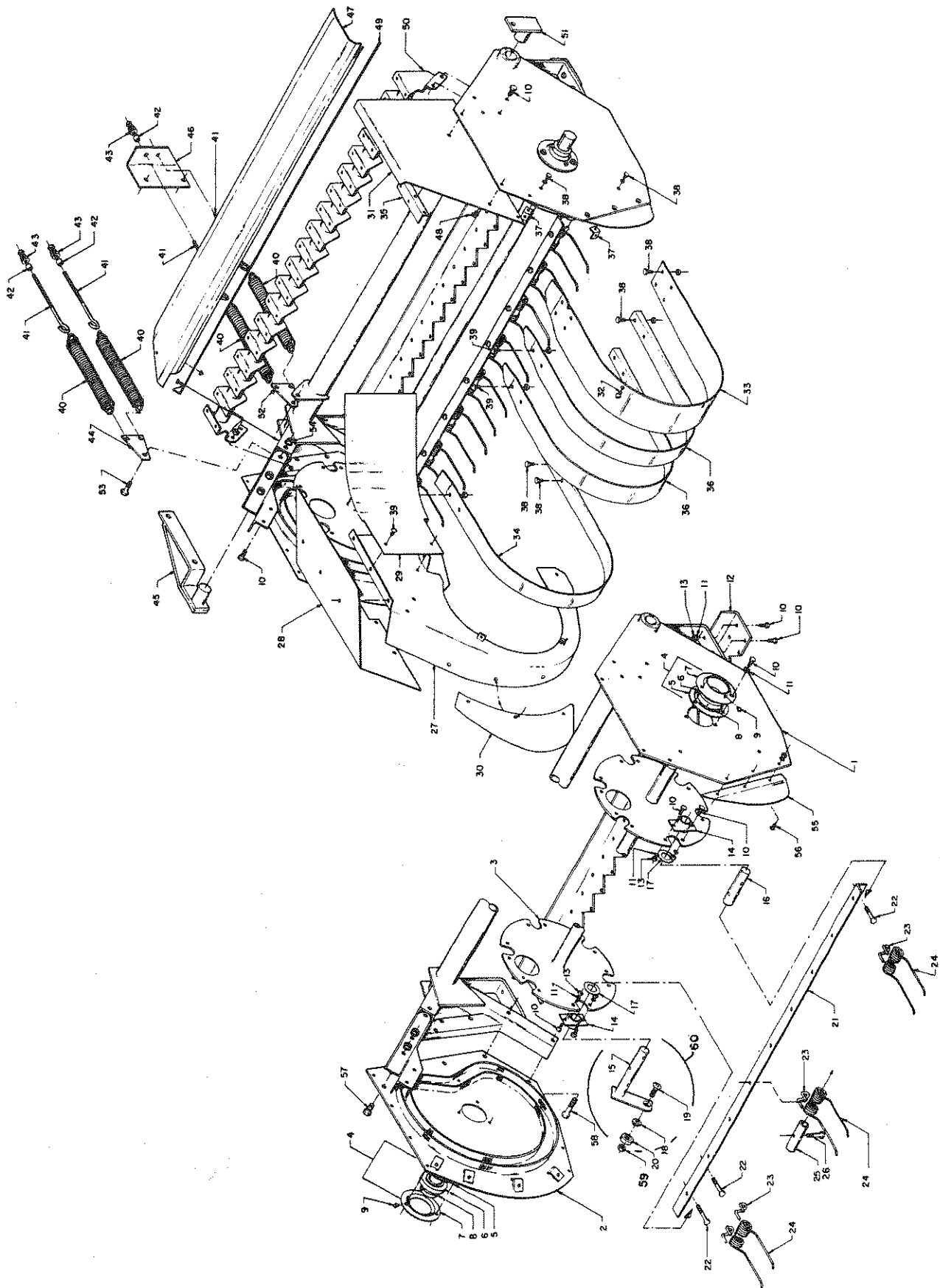
FLYWHEEL AND PINION SHAFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	ZZ2008	Set collar, pinion shaft, 2-7/16" dia:
2	BSH7127	Bushing for FLW7127, 2 used
3	FLW7127	Flywheel with bushing
4	SPK4030	Sprocket, drive for hydraulic pump, 2-7/16"
5	SCC516	Shear bolt 1/2" x 5" N.C. grade 5 cap screw
6	F1614	Shear bushing in flywheel, flanged
7	F1132	Shear bushing in flywheel shear hub
8	HUB7157	Shear hub, 2-7/16" shaft
9	SFC0000511	1/2" x 3/4" heat treated cap screw with lock nut, 2 used
10	BAR7975	Pinion bearing anchor bar, 2 used
11	SHM8004	Shim used as needed
12	SFC0000808	3/4" x 2 1/2" heat treated cap screw, 4 used NC
13	GER7128	Pinion gear 2-7/16" shaft, 2 used
14	F72	Key for shear hub, 1/2" x 1/2" x 3 1/2"
15	F7488	Tapered key for pinions, 3 1/2", 2 used
16	SHF7132	Pinion shaft, 2-7/16"
17	BRG7067	Pinion shaft bearing housing only
18	BRG477212	Pinion shaft bearing only BRG 207
19	BRG70670	Pinion shaft bearing complete
20	F498	Set screw, rear, 1/2" x 2" 2 used
21	F73	Set screw, front, 1/2" x 4" 2 used
22	F7000	Drive belt, D165
23	F7014	Motor pulley 10" OD for VG4D
	F7699	1-7/16" bore Motor pulley, 10" OD for V465D 1 3/4" bore



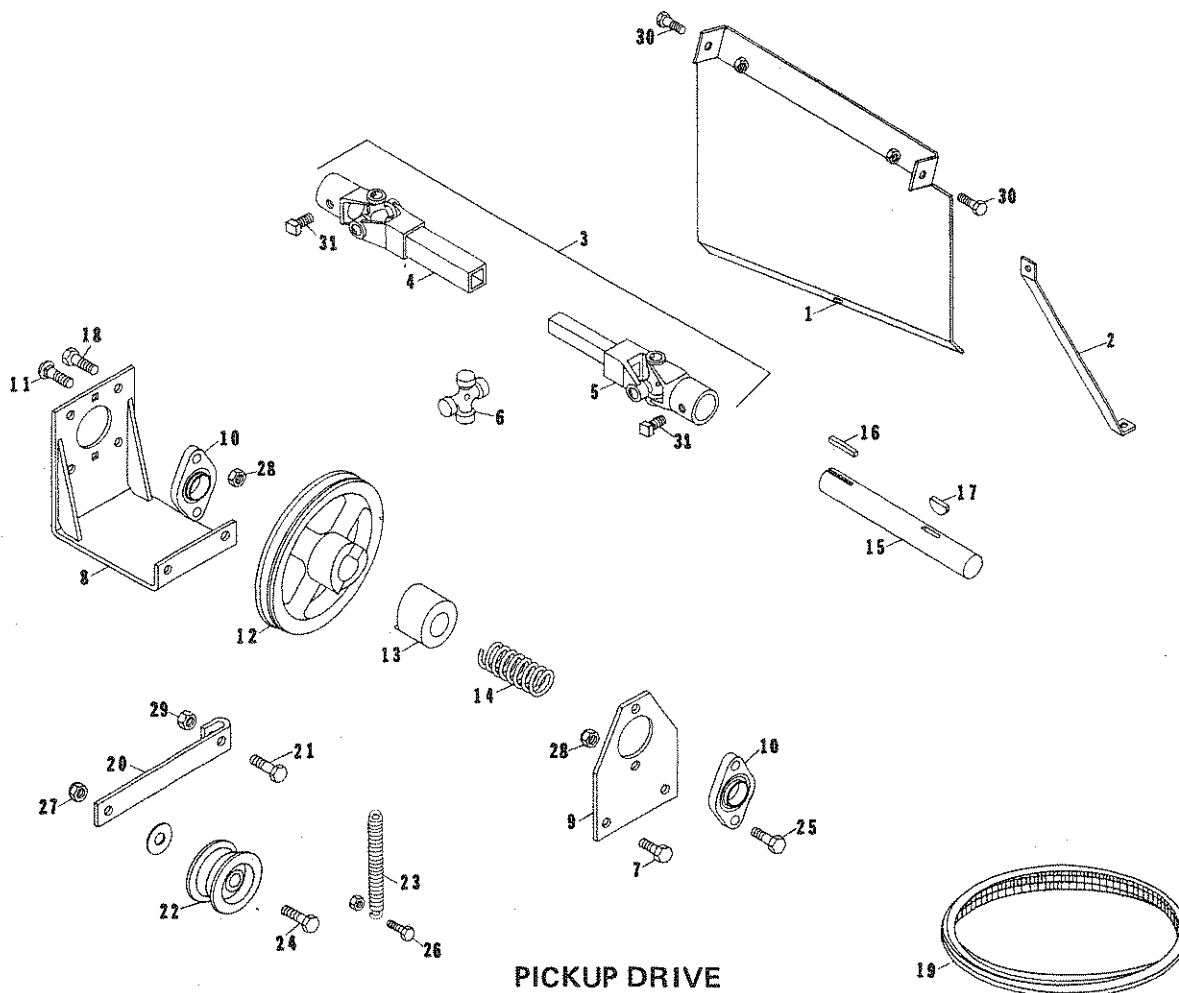
PICKUP CYLINDER ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7598	Roller for F7597 cam lever	20	F7151	Fender flare, inside
2	F7599	Cam lever only		F7356	Fender flare extension, inside
	F7597	Cam lever with roller, 6 used	21	F7176	Bearing, L.H., pickup mounting
3	F1226	Pickup finger, 6½" shank, 54 used	22	F7177	Pickup frame
4	F101	Pickup finger guide pipe, 42 used	23	F7732	Stripper, inside
5	F7187	Tooth bar bearing, 12 used	24	F7734	Stripper, center, 17 used
6	F98	Pin, tooth bar, 6 used	25	F7741	Stripper, outside
7	F8102	Bearing, pickup shaft	26	F7186	Tooth bar, 6 used
	F8382	Flangett with zerk, G72MSA	27	F7382	Bearing, R.H., pickup mounting,
	F8381	Locking collar	28SMR	SME0000202	5/16" x 1" R.H. machine screw
	F8380	Bearing only for F8102, GRA106NPPBC4	29	F7730	Top stripper bar, formed
	F8383	Flangett, G72MSB	30	F7731	Pickup joint sheet
8	F8113	Center brace for formed stripper bar	31	F7156	Spring plate
9	F8103	Pickup shaft with flanges	32	F7154	Spring for pickup balance, 2 used
10	F100	Pickup finger guide, 60 used	33	F96	Eyebolt for pickup balance spring, 2 used
11	F7146	Skirt for fender	34	SCC0000508	½" x 2½" N.C. cap screw
12	F7149	Fender extension FEN 6802	35	SCC0020001	5/16" x ¾" N.C. cap screw
13	F7573	Fender, outside	36	SCC0000404	7/16" x 1½" N.C. cap screw
14	F7148	Fender flare, outside	37	SFC0020001	5/16" x 2" NFHT cap screw
	F7355	Fender flare extension, outside	38	SCC0000207	5/16" x 2¼" N.C. cap screw
15	F7193	Fender mounting clip, 4 used	39	SCC0000202	5/16" x 1" N.C. cap screw
16	F7180	Bottom stripper bar	40	SMF0002002	5/16" x 1" CS machine screw
17	F7190	Pickup cam	41	SMR0001000	¼" x ½" R.H. machine screw
18	F7572	Fender, inside			
19	F7194	Pickup lift bracket			
			F7760		Pickup complete, less balance springs, lift bracket, and mounting bearings



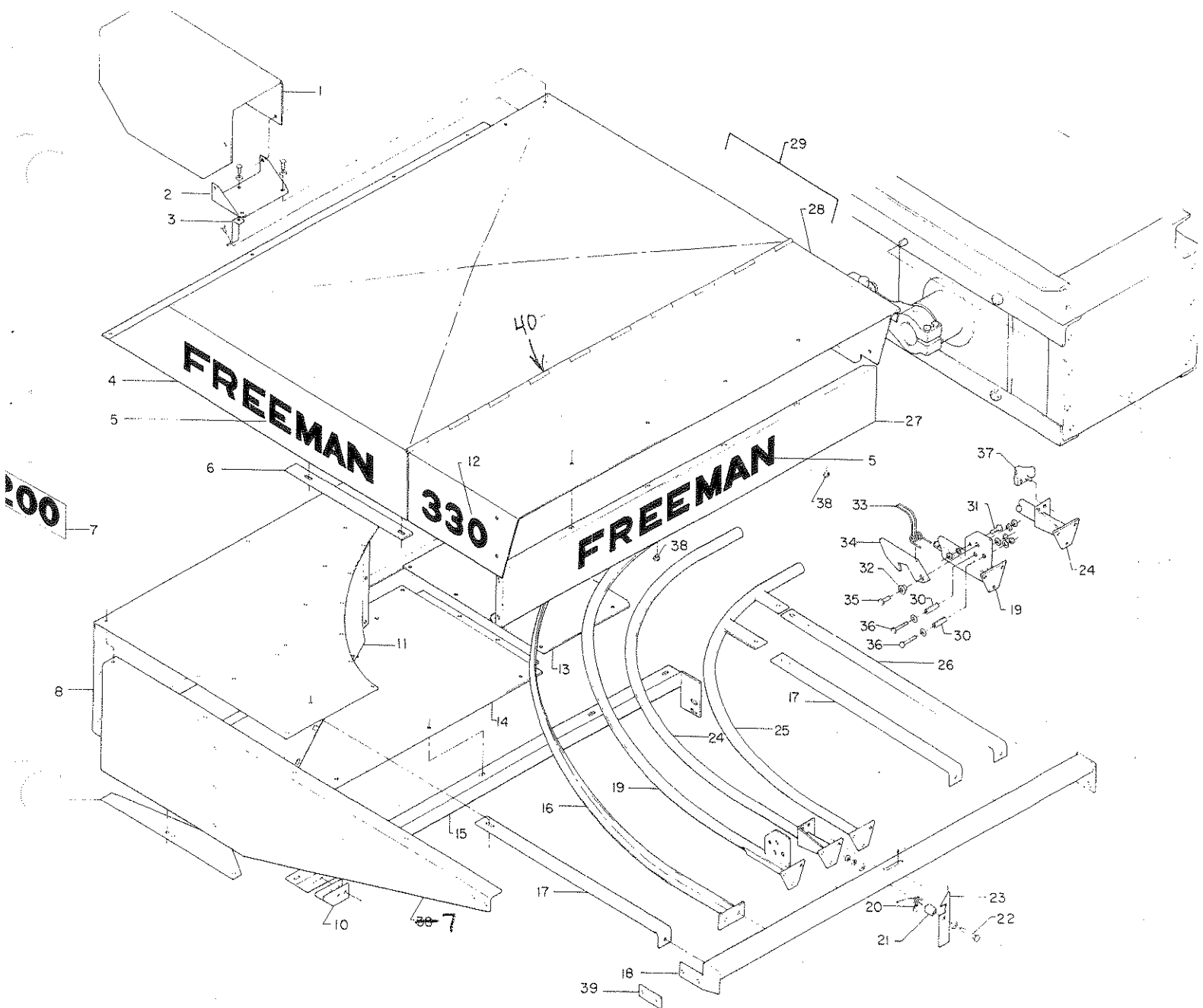
PICKUP - OPTIONAL

REF. NO.	PART NO.	DESCRIPTION
1	PFR11376	Pickup frame
2	PCY6239	RH end plate assembly
3	SHF11305	Pickup reel assembly
4	F8102	Complete bearing - pickup shaft
5	F8383	Flangett, 2 used
6	F8380	Bearing, 2 used
7	F8382	Flangett with zerk, 2 used
8	F8381	Locking collar, 2 used
9	ZZ0000109	Zerks, 2 used
10	SCC0020002	5/16 x 1" NCHT cap screw, 34 used
11	WLK0000313	5/16 lock washers, 167 used
12	BAR6213	Bottom stripper bar
13	NCG0003125	5/16 nut, 179 used
14	BRG6219	Tooth bar brg assembly, 12 used
15	BAR11323	Tooth bar lever assembly, 6 used
16	PIN6220	Pin, 6 used
17	WAS11459	Washer, 12 used
18	BSH6231	Cam follower bushing, 6 used
19	SMS0001240 SC00000504	Flat head screw, 6 used 1/2 X 1 1/2 NC flat cap screw
20	BRG0063042 BRG2029	Cam follower bearing. Imp. Standard. Cam follower bearing. Dom.
21	BAR6217	Tooth bar, 6 used
22	SFC0000207	5/16 x 2-1/4 NFHT cap screw, 12 used
23	F100	Pickup finger guide, 60 used
24	F1226	Pickup spring, 54 used
25	F101	Pickup finger guide pipe, 54 used
26	SFC0020006	5/16 x 2 NFHT cap screw, 54 used
27	PCY13910	RH fender assembly
28	SHD6254	R.H. deflector
29	SHD11344	Short fender extension
30	SHD6253	R.H. fender cone extension
31	SHD11309	L.H. deflector
32	SMT0000202	5/16 x 1 machine screw, 6 used
33	STR11312	Inside stripper
34	STR6210	Outside stripper
35	MNT11311	Inside stripper mount
36	STR6209	Center stripper, 17 used
37	MNT11313	Stripper mount angle inside, 2 used
38	SCC0000202	5/16 x 1/2 NC cap screw, 42 used with lock washers & nuts
39	SMT0000200	5/16 x 1/2 NC machine screw, 36 used with lock washers and nuts
40	F7154	Spring
41	F96	Eye bolt
42	F993	Spacer
43	WCT0005000	1/2" washer
44	PLT11331	Spring plate
45	F7382	Bearing R.H. pickup mounting
46	MNT11400	Spring anchor
47	SHD6238	Extension sheet
48	SMT0000101	1/4 x 3/4 NC machine screw - ^{WLK 250} <u>lock washers</u> & ^{NCH 250} <u>nuts</u> , 20 used
49	MNT11321	Joint sheet mount
50	MNT6215	Top stripper mount
51	F7176	Bearing left hand
52	F7156	Spring plate
53	SCC0000314	3/8 x 4" NC cap screw, 2 used
54	NCH0003750 WLK0003750	3/8 NC nut with lock washer , 8 used <u>3/8 LOCK WASHER</u>
55	F7151	Fender flare inside
56	SMT0000100	1/4 x 1/2 NC machine screw with lock washers & nut, 3 used
57	SCC0000304	3/8 x 1-1/2 UNC cap screw
58	SCC0000309	3/8 x 2-3/4 UNC cap screw
59	NMS0012175 NCH 500	Nut, 6 used. Imp. 1/2 NC 1/2 NC. Hex nut. Dom.
60	GAM0063042 CAM0002029	Cam lever complete. Imp. Cam lever comp. Dom.



PICKUP DRIVE

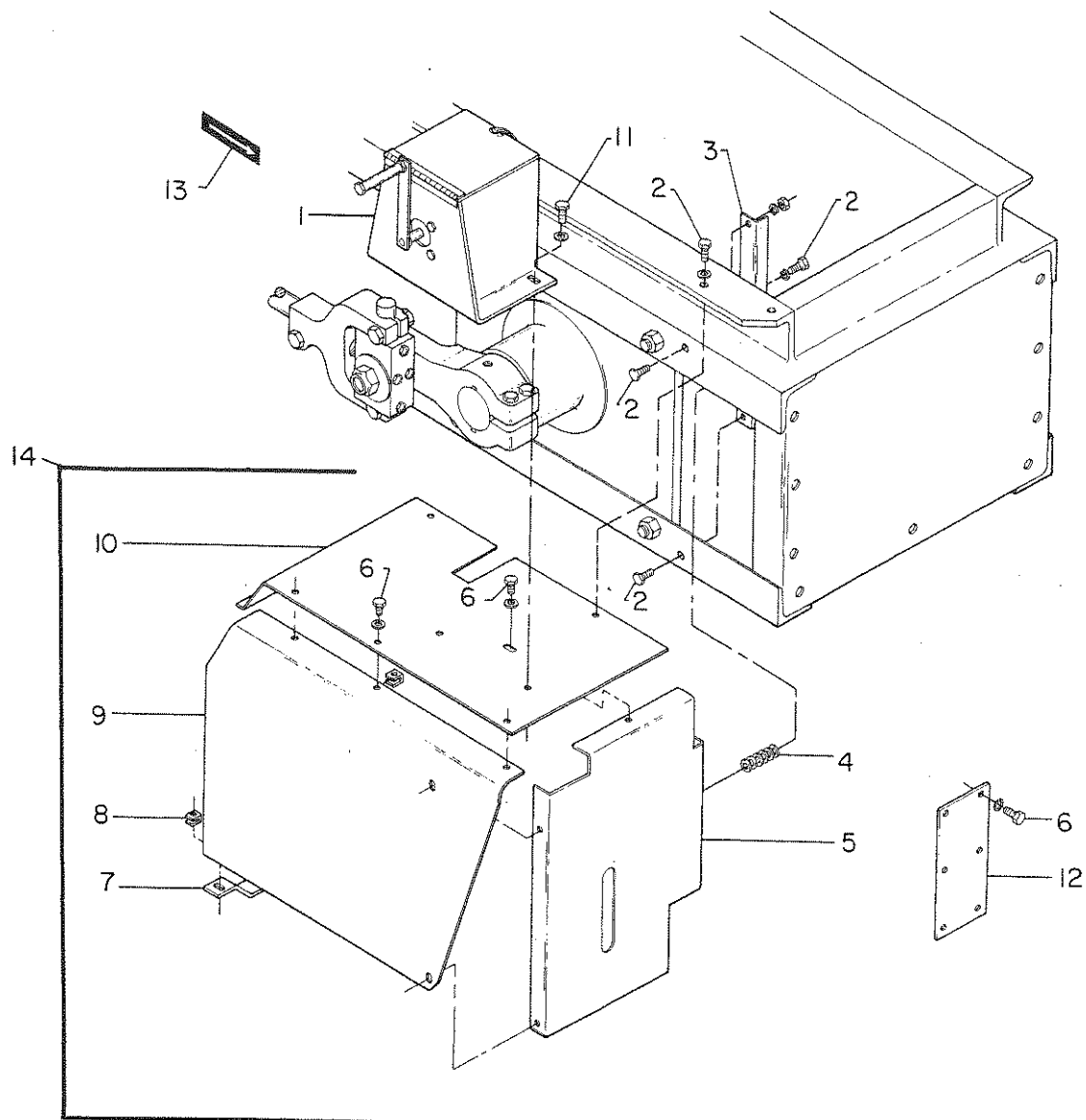
REF. NO.	PART NO.	DESCRIPTION
1	F8162	Pickup drive shaft shield
2	F8163	Brace for pickup drive shaft shield
3	F8338	Universal drive shaft complete
4	F8336	Universal with rectangular tube
5	F8337	Universal with rectangular shaft
6	F8339	Universal joint repair kit
7	SCC0000302	3/8" x 1" N.C. cap screw, 2 used
8	F8090	Bearing mount bracket
9	F8091	Bearing mount plate
10	F7063	Bearing, 1-3/8"
11	PWB3751500	3/8" x 1 1/2" No. 3 plow bolt, 2 used
12	F8A	Pickup driven sheave
13	F7	Pickup clutch ring
14	F126	Pickup clutch spring
15	F8092	Pickup drive shaft
16	F122	Key, 1/4" x 1/4" x 2 1/2"
17	F83	Woodruff key, 3/8" x 1 1/4"
18	F840 SCC 504	1/2" x 1 1/2" N.C. cap screw, 4 used
19	F7535	Pickup drive belt, CX105
20	SCC0000508	Pickup drive belt tightener bracket F 7456
21	SCC0000304	1/2" x 2 1/4" N.C. cap screw SCC 507
22	SCC0000204	Idler pulley, pickup belt tightener F840
23	F129	Spring, pickup belt tightener
24	NCE0003750	1/2" x 2 1/2" N.C. cap screw SCC 508
25	NFJ0005000	3/8" x 1 1/2" N.C. cap screw SCC 304
26	SCC0000202	5/16" x 1 1/2" N.C. cap screw SCC 204
27	SCS3751000	1/2" N.C. fiber lock nut NCE 500
28	NCE 375	3/8" N.C. fiber lock nut
29	NCT 5000	1/2" N.C. Jam nut
30	SCC 20002	5/16" x 1" N.C. cap screw
31	SCC 30002	3/8" x 1" N.C. square head set screw



PICKUP FEED HOUSE

REF. NO.	PART NO.	DESCRIPTION
1	F8375	Shield, Right side knotter drive arm
2	F7579	Bracket, drive arm shield
3	F7654	Brace
4	SHD7099	Shield over pickup, rear SHD 14710
5	FD7114	Freeman decal, red, 2 used
6	SHM7089	Shim
7	FH4907	Feed house end plate
8	FH7088	Feed house rear
9	F7714	Feed house bottom shim
10	F7394	Pickup stop
11	F7152	Feed house back shield
12	FD7115	Freeman decal - 330
13	F7145	Feed house bottom wear plate
14	F7713	Feed house bottom
15	F7157	Angle brace for feed house bottom sheet
16	F7299	Guard angle
17	F7159	Hay hold down, 2 used
18	SUP13538	Guard pipe support
19	F7472	Guard pipe, outside w/latch mounting plate

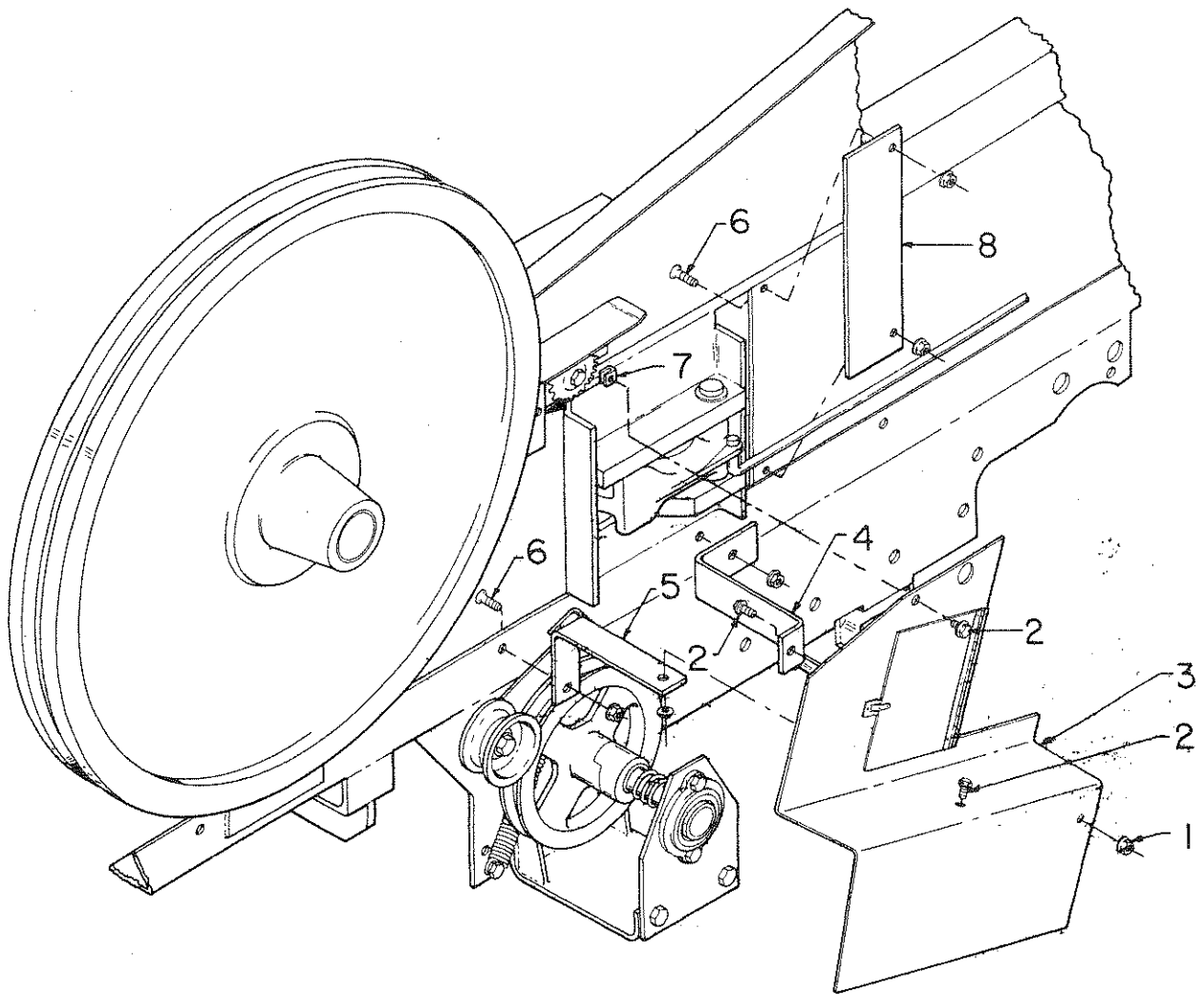
REF. NO.	PART NO.	DESCRIPTION
20	SPG SAG7095	Latch spring
21	05-130	Spacer
22	SCC0020008	5/16" x 2 1/2" N.C. cap screw
23	SHD7096	Hood latch
24	F8261	Guard pipe, center
25	F7164	Guard pipe, inside
26	F7160	Hay hold down, inside
27	SHD7077	Face plate shield over pickup
28	SHD7075	Shield over pickup, front SHD 14709
29	SHD8334	Shield over pickup complete SHD 14709
30	F7275	Roll pin, 1/2" x 2", 2 used
31	F7239	Roll pin, 3/8" x 1 1/2"
32	F7276	Ferrule for F1563
33	F281	Spring latch
34	F1563	Catch for torque shaft
35	SCC0000404	7/16" x 1 1/2" NCHT cap screw
36	SCC0020008	5/16" x 2 1/2" NC cap screw
37	F8264	Rubber Bumper
38	BMP4243	Rubber Bumper
39	SPC13540	Spacer
40	HNG 14483	HINGE



CRANK ARM SHIELD

REF. NO.	PART NO.	DESCRIPTION
1	LUB7600	Bullgear luber tank and pump assembly
2	SCC0000202	5/16" x 1" N.C. cap screw, 5 used
3	SHD6906	Front mount crank arm shield
4	WCT0003125	5/16" flat washer, 6 used
5	SHD6905	Crank arm shield, front section
6	SCC0020001	5/16" x 3/4" N.C. cap screw, 7 used
7	SHD6690	Crank arm shield brace
8	NCC0003125	5/16" clip nut, T5618-075-098, 7 used
9	SHD6687	Crank arm shield, side section
10	SHD7002	Crank arm shield, top section
11	SCC0000302	3/8" x 1" N.C. cap screw, 2 used
12	BKT7204	Air cleaner extension bracket
13	FD44	Decal
14	SHD70110	Crank arm shield assembly

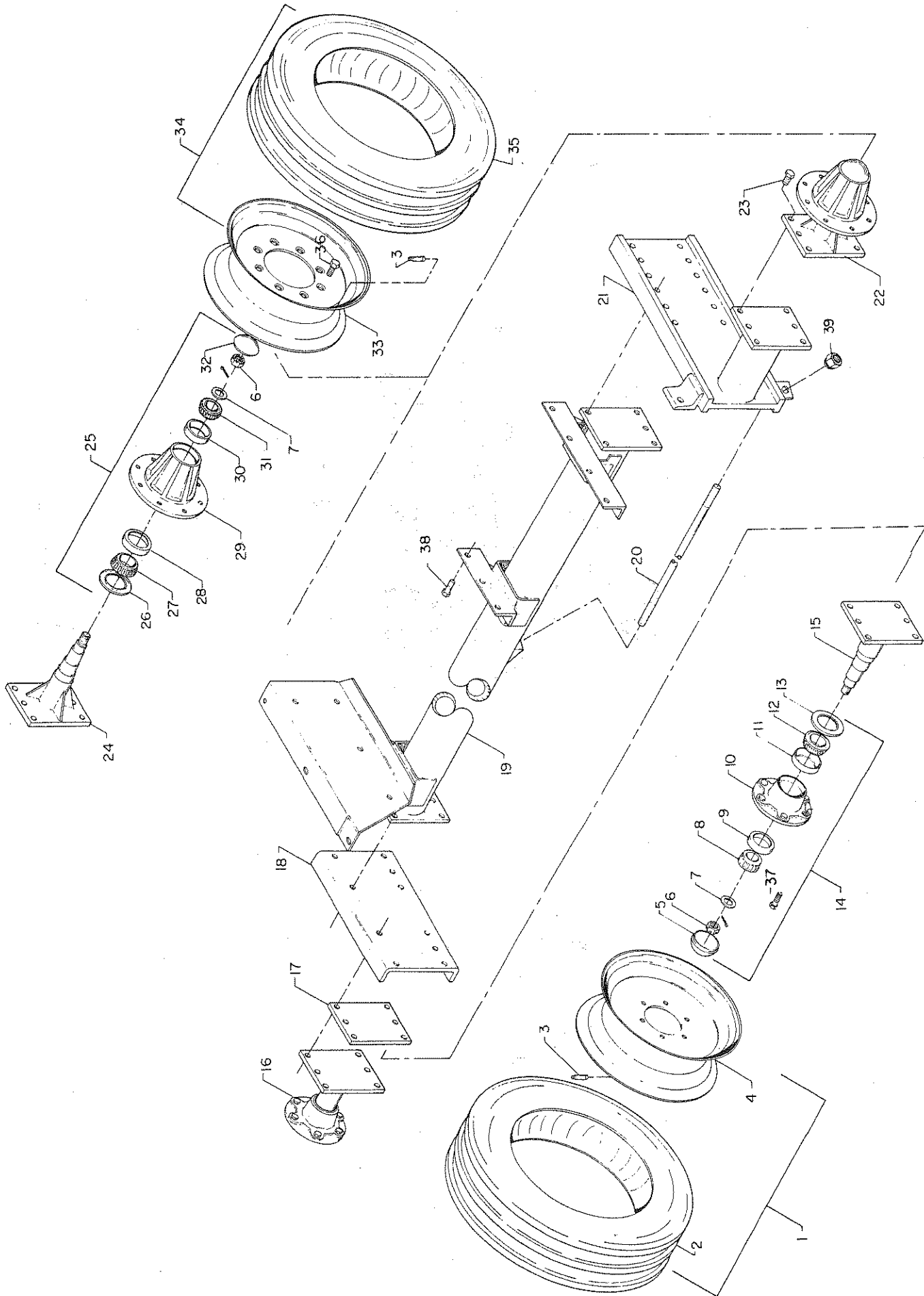
WHIZ BOLT SMS 184



PICKUP DRIVE BELT SHIELD

REF. NO.	PART NO.	DESCRIPTION
1	NMS0000117	5/16" whiz lock nut, 6 used
2	SMS0000177	5/16" whiz locking N.C. cap screw, 3 used
3	SHD8040	Pickup drive belt shield
4	BKT8024	Rear bracket
5	BKT8037	Front bracket
6	SMF0000203	5/16" x 1 1/4" flat head machine screw, 4 used
7	NCC0003125	5/16" clip nut
8	COV8038	Cover plate

HNG 7094 HINGE F/DOOR
 DRW 8025 DOOR F/SHD 8040
 F 6108 LATCH F/DOOR

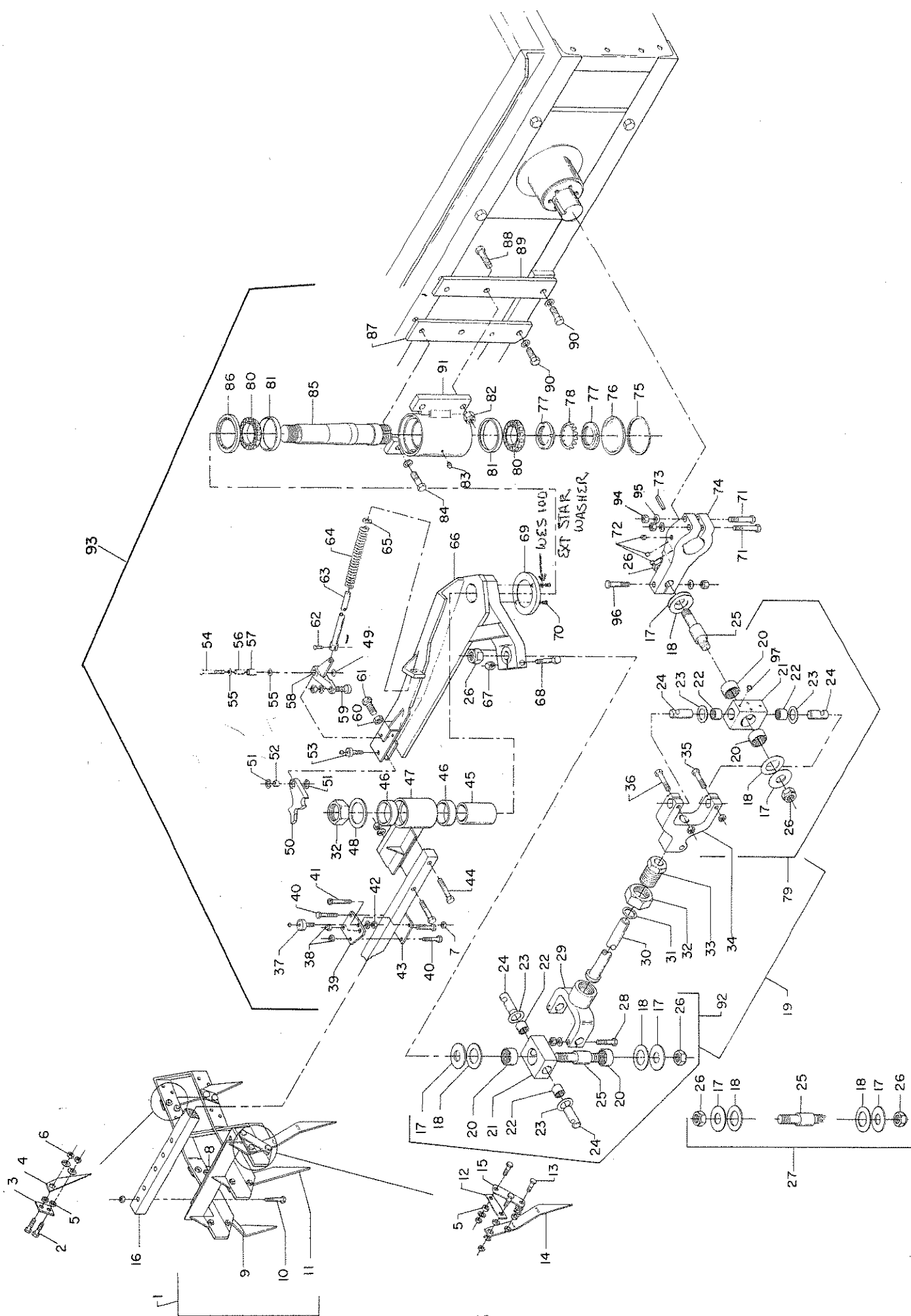


AXLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	F8005	Drop center wheel with 4-ply tire mounted, R.H. 6-hole
	F8030	Flotation wheel with 11L-15 6-ply tire mounted, R.H.
2	F212	Tire, 7:50 x 16, 4-ply implement
	F8028	Flotation tire, 11L-15, 6-ply
3	19-109	Valve stem, TR 415
4	F8004	Wheel, 6-hole, drop center
	F8013	Flotation wheel, 6-hole
5	F8014	Hub cap
6	F7999	Nut for spindle
7	F7998	Washer for spindle
8	F8012	Outer wheel bearing cone, LM67048
9	F8011	Outer wheel bearing cup, LM67010
10	F8344	Hub with cups, R.H. side, 6-hole, Q888
11	F8345	Inner wheel bearing cup, JL69310
12	F8346	Inner wheel bearing cone, JL69349
13	F8010	Grease retainer
14	F8347	Single wheel hub w/bearings for 6-hole wheel less spindle, R.H.
15	F8343	Spindle, R.H. side
16	F8348	Single wheel hub with spindle complete, R.H. side
17	F7636	Spacer
18	F7756	Mounting channel, R.H. wheel
19	F7750	Tubular axle
20	RD7086	Tandem axle truss rod
21	F7757	Tandem wheel plate, L.H.
	PLT7318	Tandem wheel plate, L.H., flotation
22	F8003	Single wheel hub with spindle complete, L.H.
23	F7758	Bolt for spindle, 5/8" x 1-7/8" NFHT
24	F7991	Spindle for F7992 hub, L.H. side, 8-hole
25	F8002	Single wheel hub with bearings for 8-hole wheel less spindle, L.H.
26	F7995	Grease retainer for F7992 hub
27	F7994	Inner wheel bearing cone for F7992 hub, No. 25590
28	F7993	Inner wheel bearing cup for F7992 hub, No. 25520
29	F7992	Hub with cups, L.H. side, Q778
30	F7996	Outer wheel bearing cup for F7992 hub, No. 25821
31	F7997	Outer wheel bearing cone for F7992 hub, No. 25877
32	F8000	Hub cap for F7992 hub
33	F7989	Wheel, 8-hole, drop center, for F7992 hub, L.H.
	F8184	Flotation wheel, 8-hole for F7992 hub, L.H.
34	F7990	Drop center single wheel with 8-ply tire mounted, L.H., 8-hole
	F8183	Flotation wheel with 11L-15 6-ply tire mounted, L.H.
35	F213	Tire, 7:50 x 16, 8-ply implement
	F8028	Flotation tire, 11L-15, 6-ply
36	F8001	Lug bolt
37	F8072	Lug bolt
38	SCC0000504	1/2" x 1 1/2" N.C. cap screw
39	NMS7125	Truss rod nut, 2 used
	F8018	Tandem wheel assembly, L.H. side to replace single assembly. Including one F7757 plate, one F8003 hub and spindle, and one F7990 wheel and tire.
	F8019	Tandem wheel assembly complete, L.H. side, including one F7757 plate, two F8003 hub and spindle, two F7990 wheel and tire.
	F8020	Tandem wheel assembly, R.H. side, to replace single assembly. Including one F7757 plate, one F8348 hub and spindle, and one F8005 wheel and tire.
	F8021	Tandem wheel assembly complete, R.H. side, including one F7757 plate, two F8348 hub and spindle, two F8005 wheel and tire.

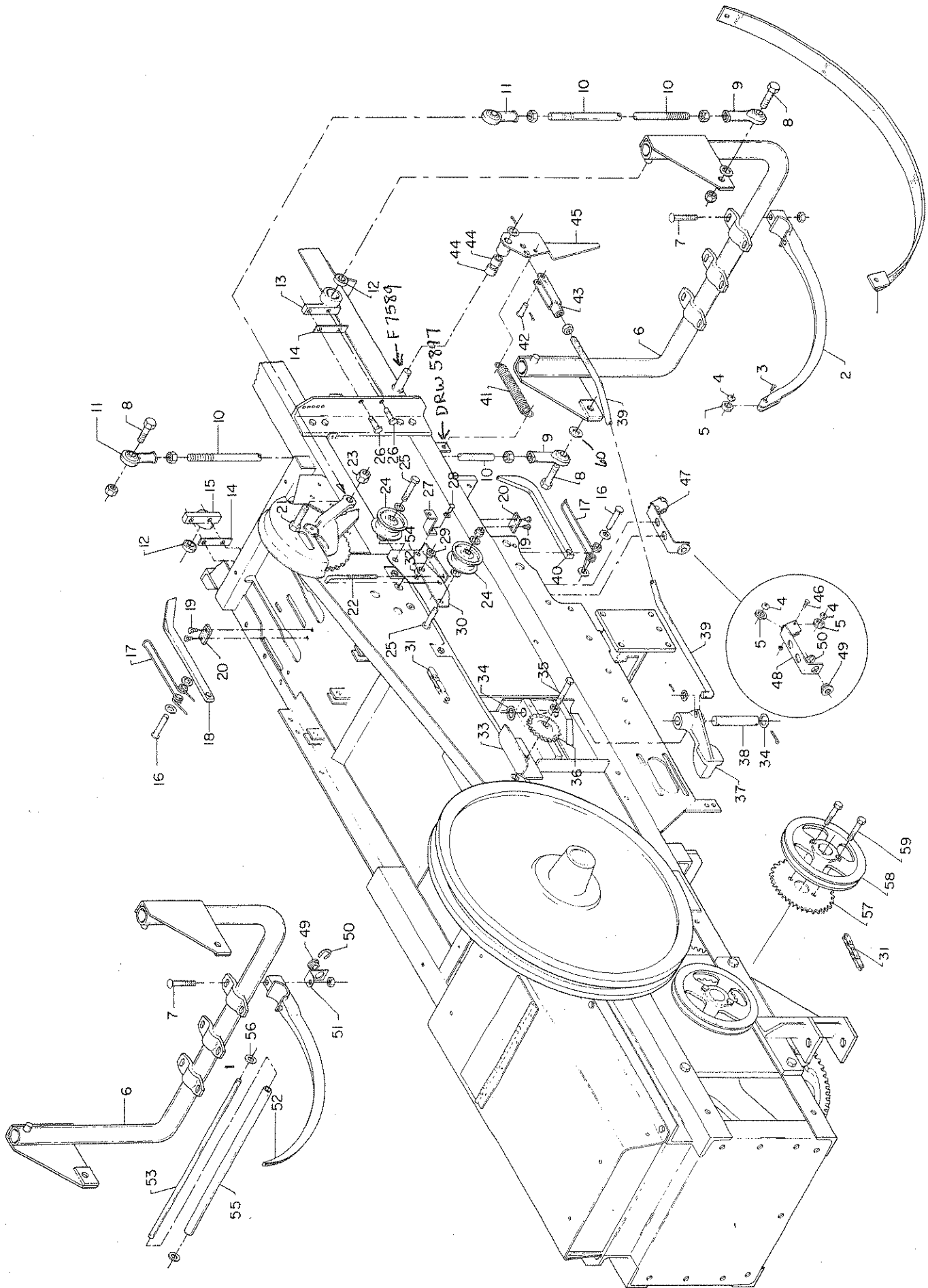
KIT 157 TANDEM FLOAT W/HEAVY HUB F/RH SIDE

NFJ 7500 3/4 NF JAM NUT (F/TRUSS ROD)



FEED ARM DRIVE, FEED ARM AND FEED FORK ASSEMBLY

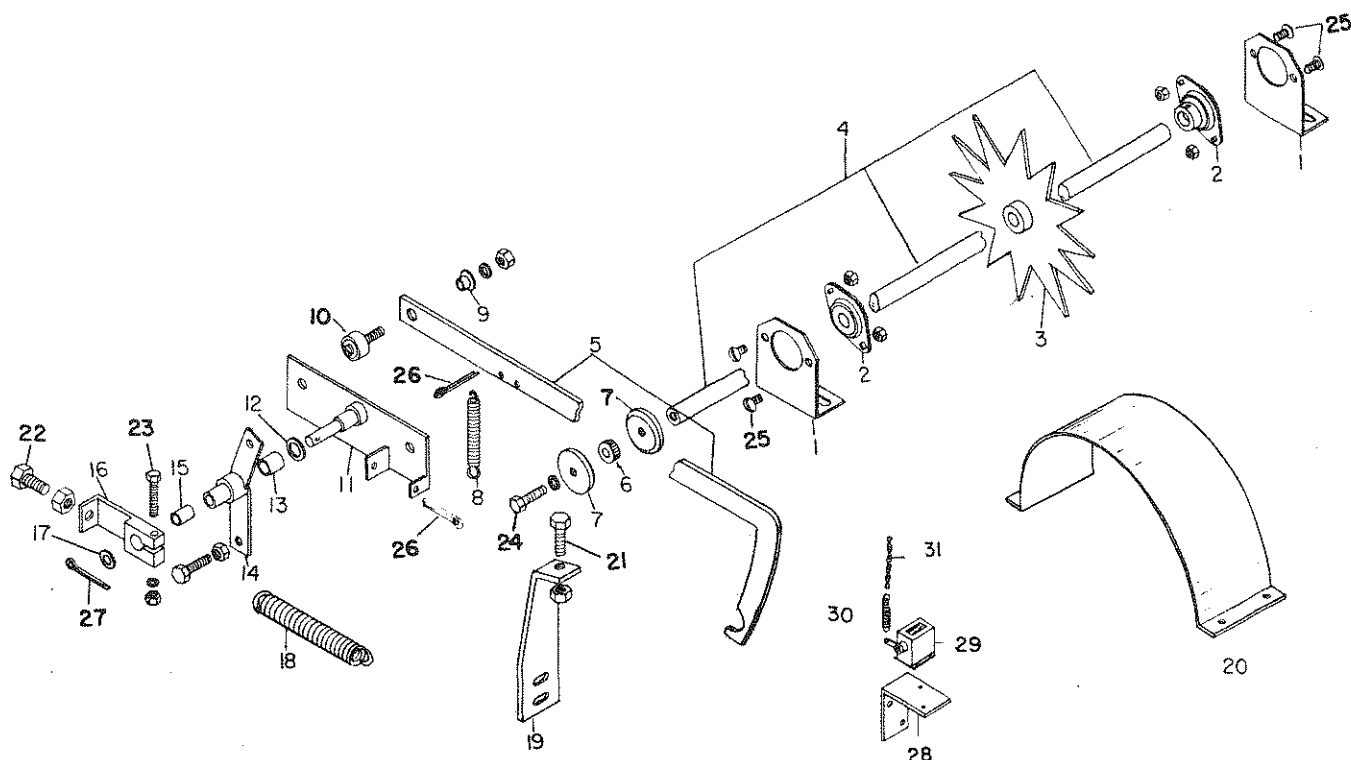
REF. NO.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	F7966	Feed fork complete	50	F7604	Latch
	F8231	Feed fork frame only	51	F7610	Quad ring for F7604 latch
2	FT109	7/16" x 1 1/2" NFHT cap screw	52	F7607	Bushing for F7604 latch
3	F1195	Clip for tines	53	F7605	Latch hinge pin
4	F1603	Tine, leading, short, 2 used	54	F1559	Trip arm pin
5	F1193	Bushing and stop for tines	55	F1557	O ring, 2 used
6	NCE0004375	7/16" NF nut N.F.H. 438	56	F8262	Trip arm sleeve
7	NCE000375	3/8" NC fiber lock nut	57	F1556	Trip arm bushing
8	F1189	Tine, outside center	58	F7606	Trip arm
9	F7969	Tine, trailing, outside, 2 1/2" offset	59	F822	Cam follower for spring arm, CF1-S
10	SFC0000308	3/8" x 2 1/2" NFHT cap screw, 5 used	60	NCE0000625	5/8" NC nut, ESNA
11	F7968	Tine, trailing, center	61	SCC0000705	5/8" x 1 1/4" N.C. cap screw
12	F7970	Strap for feed fork tine, inside	62	F1561	Trip arm spring rod clevis pin
13	SFC0000405	7/16" x 1 1/4" NFHT cap screw	63	F1643	Trip arm spring rod
14	F7967	Tine, trailing, inside, 1" offset	64	F8296	Trip arm spring
15	F7971	Strap for feed fork tine, outside	65	ZZ0000220	3/4" Machine bushing(as required)
16	F7529	Torque shaft, 1 1/2"	66	F8233	Feed arm, with 1-1/8" hole
17	F8247	Washer, 1-1/8" x 3" x 8 ga.	67	NCE0000625	5/8" N.C. fiber lock nut
18	F8245	Hardened washer, 1 1/4" x 3" x .062"	68	SCC0000716	5/8" x 5" N.C. cap screw
	F8246	Hardened washer, 1 1/4" x 3" x .025"	69	F8136	Dust cap
19	F8260	Feed arm conn. rod assembly	70	SC00000100	10-32 x 3/8" flat head socket cap screw
20	F8250	Bearing for block, B2816	71	SFC0000514	1/2" x 4" N.F.H.T. cap screw, 3 used
21	F8249	Bearing block with bearings, 2 used	72	STS5000500	1/2" x 1/2" hollow head set screw, 3 used
22	F8252	Bearing for block, B1816	73	ZZ425	Key, feed arm drive shaft, 5/8" x 5/8" x 2 1/4"
23	F248	1-1/8" x 14 ga. machinery bushing			
	F249	1-1/8" x 18 ga. machinery bushing	74	CRA7072	Crank arm
24	F8253	Pin, bearing	75	F8130	Retaining ring, RR425
25	F8351	Crank pin only	76	F8129	Plug cap, HP 4 1/2
26	NFX00011250	1-1/8" NF elastic stop jam nut	77	F8131	Nut, bearing takeup, N-12, 2 used
27	F8361	Crank pin with washers and nuts, complete	78	F8132	Lock washer, W 12
			79	F8257	Yoke and bearing block assembly, less pin assembly
28	SFC0000408	7/16" x 2 1/2" NF cap screw			
29	F8254	Swivel yoke only	80	F8134	Bearing cone, JLM710949, 2 used
30	F8258	Feed arm conn. rod only	81	F8133	Bearing cup, JLM710910, 2 used
31	ZZ0000207	1 1/4" x 14 ga. machinery bushing	82	NCE0000625	5/8" N.C. fiber lock nut, 2 used
32	F8140	Jam nut, 2" - 12	83	F1661	Hydraulic shut-off fitting, No. 1940B
33	F8259	Swivel nut, feed arm shaft	84	SCC0000708	5/8" x 2 1/2" N.C. cap screw, 2 used
34	F8256	Bearing block yoke	85	F8126	Pivot shaft
35	SFC0000407	7/16" x 2 1/4" N.F. cap screw	86	F8135	Oil seal, 55304
36	SCC0000710	5/8" x 3" N.C. cap screw	87	F8137	Pivot shaft strap, rear, 16" chamber
37	F4050	Latch roller		F8138	Pivot shaft strap, rear, 17" chamber
38	NFE000375	3/8" NF Fiber lock nut	88	SCC0000708	5/8" x 2 1/2" N.C. cap screw, 2 used
39	F7533	Roller plate	89	F8185	Pivot shaft strap, front, 16" chamber
40	F7534	Bolt, 3/8" x 2 1/4" NFHT		F8186	Pivot shaft strap, front, 17" chamber
41	SCC0000309	3/8" x 2 1/4" NC hollow head cap screw	90	SCC0000705	5/8" x 1 1/4" N.C. cap screw, 2 used
42	NFE NCE0005000	1/2" NF nut, ESNA	91	F8128	Feed arm bearing housing with bearing cups
43	F7532	Bottom plate			
44	SFC0080510	1/2" x 3" NF grade 8 cap screw (F 1673)	92	F8255	Swivel yoke and bearing assembly, less pin assembly
45	F8139	Pivot shaft sleeve			
46	F8141	Bushing for torque shaft bearing	93	F8265	Feed arm pivot shaft assembly, (Ref. 16, 26, 32, 37-70, 75-91)
47	F8127	Torque shaft bearing with bushing		NHF	
48	F8187	Pivot shaft washer, 2-5/8" x 3 1/2" x 14 ga.	94	NFH 0005000	1/2" high nut
	F8334	Pivot shaft washer, 2-5/8" x 3 1/2" x 20 ga.	95	WAS104	1/2" structural washer
49	F8315	Washer, 1/2" x 7/8" x .030"	96	SFC0000712	5/8" x 3 1/2" N.F. cap screw
			97	ZZ100	1/4" - 28 zerk, 1641B



KNOTTER DRIVE AND NEEDLE AND YOKE ASSEMBLY

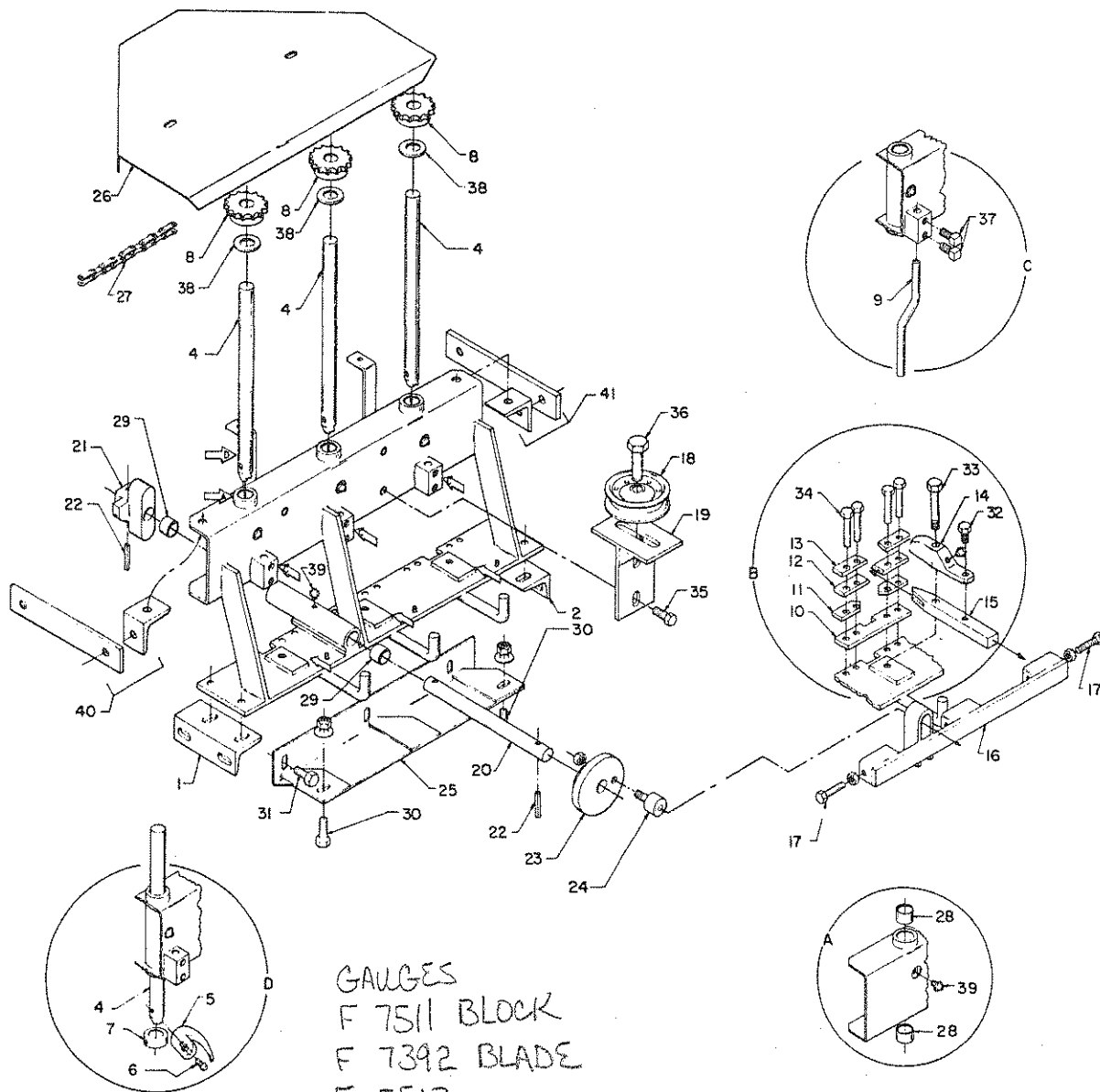
REF. NO.	PART NO.	DESCRIPTION
1	F7569	Needle guard, L.H.
	F7568	Needle guard, R.H.
2	F8177	Needle, wire, complete w/roller
3	F4016	Bolt, needle roller
4	F4015	Bushing, needle roller
5	F4014	Roller, needle
6	F7903	Needle yoke
7	F7552	Bolt with nut, 1/2" x 3 1/4" carriage, 3 used
8	F1552	Bolt, drive rod to needle yoke w/nut
9	F1549	Drive rod end, R.H. thread, 2 used
10	F7554	Drive rod, 2 used
11	F1550	Drive rod end, L.H. thread, 2 used
12	F7523	Bearing, KP12A
13	F7522	Needle yoke bearing complete, L.H.
14	F1702	Shim for needle yoke bearing
15	F7521	Needle yoke bearing complete, R.H.
16	F220	Hay dog pin
17	F188	Hay dog spring
18	F7911	Hay dog, top. Twine baler only.
19	SMS0000107	1/4" x 1/2" self-tapping screw
20	F1589	Rubber pads w/ SCREWS
21	F1551	Bolt, drive rod to clutch
22	F8084	Chain tightner adjusting bolt
23	NFE0007500	3/4" NF elastic stop nut
24	F883	Idler pulley and tightner, knotter chain, 2 used
25	SCC0000509	1/2" x 2 3/4" N.C. cap screw, 2 used
26	SCC0000505	1/2" x 1 3/4" N.C. cap screw
27	F8154	Bracket for knotter drive chain shield
28	SCC0000301	3/8" x 3/4" N.C. cap screw
29	F440	Ferrule
30	F8083	Chain tightner bracket
31	CHN6240	Knotter drive chain, twine, 240P No. 60
	F7055	Knotter drive chain, wire, 239P No. 60
	F759	Offset link, RC 60
	F760	Connecting link, RC 60
	F761	Roller link, RC 60
32	F246	Washer
33	F8112	Chain hold down
34	ZZ0000219	1" x 14 ga. machine bushing
35	SCC0000511	1/2" x 3 1/4" N.C. cap screw
36	F7397	Sprocket for chain divider, 2 used
37	F7547	Plunger stop dog
38	F7588	Plunger dog pin
39	F7524	Plunger dog return rod
40	F837	Hay dog, bottom. Top & bottom. Wire only.
41	F1517	Plunger dog return spring
42	F7527	Clevis pin
43	F7526	Clevis
44	F7845	Bushing for plunger dog return lever, 7/8" x 1" x 7/8"
45	F7652	Plunger dog return lever LEV 15639
46	SCC0000102	1/4" x 1" N.C. cap screw
47	F4205	Wire guide complete, lower rear
48	F4222	Wire guide frame
49	F856	Wire guide bushing
50	F857	Snap ring for F856 bushing
51	F7973	Holder for needle twine guide bushing
52	F1611	Needle, twine
53	F8104	Bottom twine guide rod
54	F8086	Idler roller bracket
55	F8105	Bottom twine guide pipe
56	WCT0000500	1/2" flat washer
57	F753	Sprocket, knotter drive, 32T No. 60
58	F9A	Sheave, pickup drive
59	SCC0000509	1/2" x 2 3/4" N.C. cap screw
60	ZZ 220	3/4 x 10GA MACH BUSHING

23



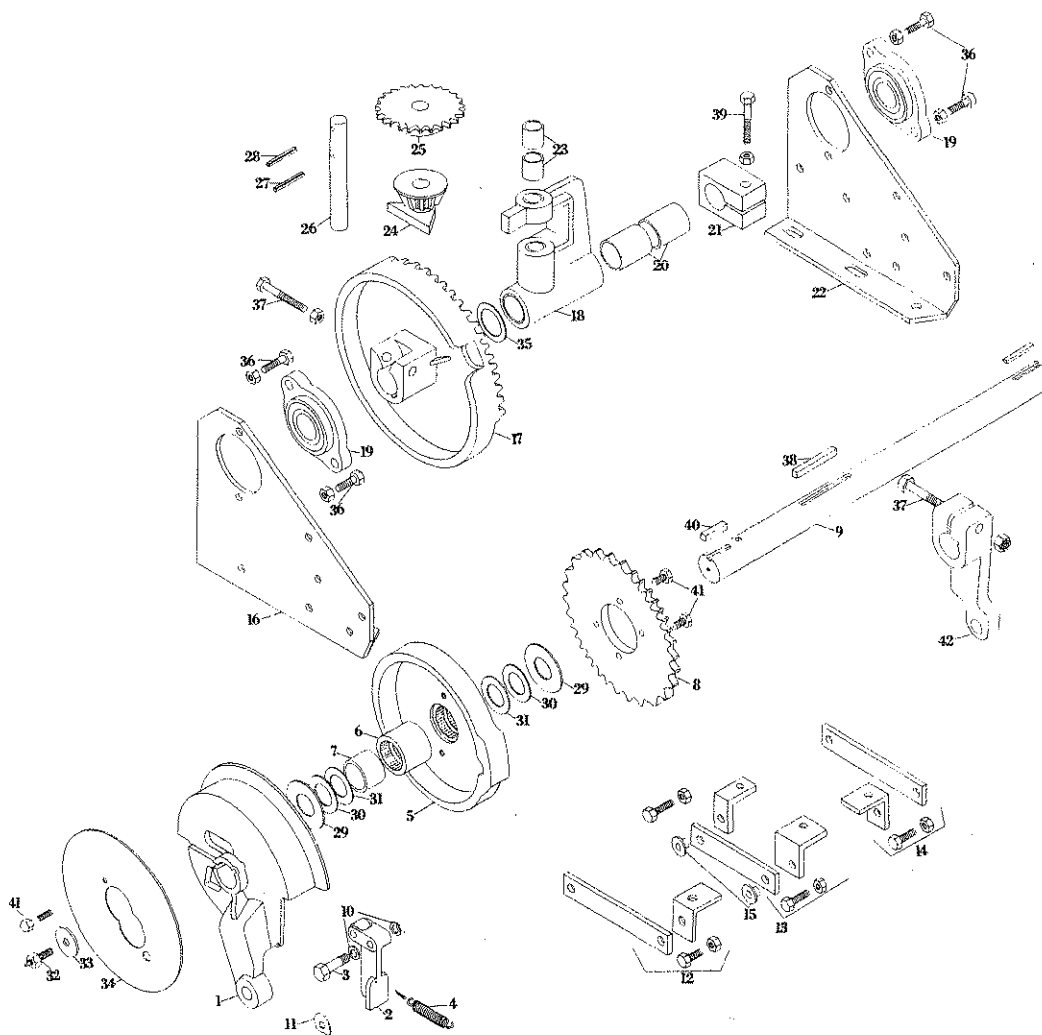
KNOTTER TRIP ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F1617	Meter wheel shaft bracket, 2 used	17	ZZ0000210	1/2" x 7/8" - 14 ga. machine bushing
2	F1618	Meter wheel shaft bearing complete, 2 used	18	F1517	Trip spring
	F1619	Bearing only, RA012NPPB	19	F1632	Meter trip bar stop with bolt
	F1889	Flangett only, 47MST	20	F1608	Shield for meter wheel
	F1890	Locking collar only, S1012K	21	SCC0000505	1/2" x 1 1/4" N.C. cap screw, trip bar stop
3	F1531	Meter wheel, 10"	22	SCC0000503	1/2" x 1 1/4" N.C. cap screw, clutch stop
4	F8022	Meter wheel shaft	23	SCC0000206	5/16" x 2" N.C. cap screw, clutch stop clamp
5	F1686	Meter trip bar	24	SCC0000303	3/8" x 1 1/4" N.C. cap screw, knurled roller
6	F1687	Knurled friction disc			and washer
7	F8023	Guide washer	25	SCC0000201	5/16" x 3/4" N.C. machine screw, bearing to bracket
8	F278	Spring	26	COT0000800	3/16" x 3/4" cotter key
9	F440	Ferrule	27	COT0000502	1/8" x 1" cotter key
10	F1572	Cam follower bearing	28	F7391	Bale counter mounting angle
11	F1513	Knotter trip mount	29	F304	Bale counter, Veeder Root
12	ZZ0000220	3/4" x 1 1/4" - 10 ga. machine bushing		F635	Arm w/screw for F304
13	F7227	Bushing, 3/4" x 7/8" x 3/4" oilite		F636	Reset knob for F304
14	F1514	Reset lever		F638	Spring, bale counter
15	F1568	Bushing, rest lever, 1/2" x 5/8" x 1" oilite	30	F638	Spring, bale counter
16	F1515	Clutch stop lever	31	F637	Chain, bale counter



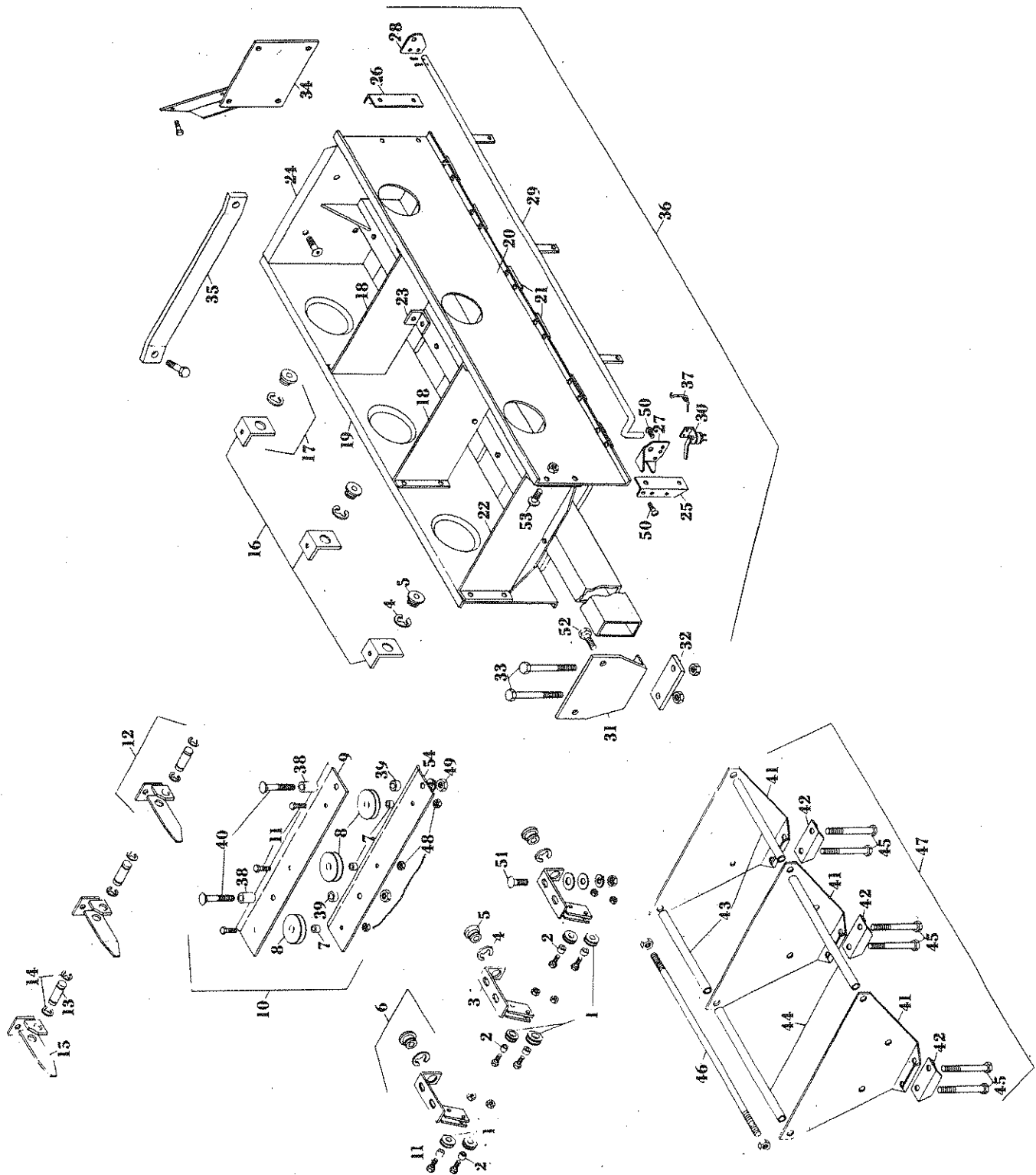
WIRE KNOTTER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7062	Knotter mounting angle, L.H.	21	F7075	Shuttle bar drive cam
2	F7065	Knotter mounting angle, R.H.	22	F7076	Roll pin, 1/4" x 1 1/2"
3	F7793	Twister and shuttle bar frame	23	F7078	Shuttle bar crank flange
4	F7089	Twister shaft	24	F7079	Cam follower
5	F4046	Twister hook	25	F7794	Upper wire guide bracket
6	F7248	Twister hook bolt	26	SHD7494	Shield
7	F172	Set collar, 3/4"	27	F7796	Twister drive chain, 77P No. 40
8	F4024	Sprocket, twister shaft, 15T	28	F7227	Bushing, twister shaft
9	F7318	Wire holder rod	29	F7227	Bushing, cam shaft
10	F7087	Wire knife	30	SCC 3003	3/8" x 1 1/4" N.C. cap screw
11	F7086	Gripper spacer, bottom	31	SCC 30002	3/8" x 1" N.C. cap screw
12	F7085	Wire gripper	32	SCC 20001	5/16" x 3/4" N.C. cap screw
13	F7084	Gripper top plate	33	SFC 308	3/8" x 2 1/2" NFHT cap screw
14	KNT001414	Wire divider KNT 11276	34	SFC 20005	5/16" x 1 3/4" NFHT cap screw
15	F7313	Wire gripper tongue	35	SCC 30002	3/8" x 1" N.C. cap screw
16	F7792	Shuttle bar with adjusting screws	36	SCC 50006	1/2" x 2" N.C. cap screw
17	F7081	Shuttle bar adjusting screws	37	SQS3750750	3/8" x 3/4" N.C. square head set screw
18	F7330	Chain tightener pulley	38	ZZ 220	Washer, 10 ga., 3/4"
19	F7329	Chain tightener pulley bracket	39	ZZ0000109	Zerk
20	F7077	Cam shaft	40	F7346	Brace w/angle L.H.
			41	F7345	Brace w/angle R.H.



WIRE KNOTTER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7519	Clutch w/pawl, 1-3/8"	23	F7247	Bushing for F7072 frame, 7/8" x 1" x 1"
2	F1622	Clutch pawl	24	F7431	Pinion
3	F1633	Clutch pawl pin PIN 20767	25	F7257	Twister drive sprocket, 40B25
4	F4115	Spring, clutch pawl	26	F7069	Pinion shaft
5	F4133	Notched clutch disc with F4134 bearing, 1-3/8"	27	F7076	Roll pin, pinion to shaft, 1/4" x 1 1/2"
6	F4134	Bearing for F4133 disc	28	F4030	Roll pin, sprocket to shaft, 1/4" x 2"
7	F4135	Inner race for F4134 bearing	29	F4136	Hardened washer, 1-3/8" I.D., 16 ga.
8	F755	Clutch sprocket (32T- no. 60)	30	F4159	Knotter shaft spacer washer, 10 ga.
9	F7456	Knotter shaft	31	F4161	Knotter shaft spacer washer, 18 ga.
10	F1623	Washer, 7/16" I.D. x 7/8" O.D. x .025"	32	F1576	Adapter with 1645B zerk, end of knotter shaft
11	F1620	Clutch pawl pin lock	33	F246	Knotter shaft end washer, L.H.
12	F7349	Brace w/angle, L.H.	34	F7987	Shield for knotter clutch
13	F7346	Brace w/angle, center	35	F4159	Washer spacer, 10 ga., 1-3/8" I.D.
14	F7345	Brace w/angle, R.H.		F4160	Washer spacer, 14 ga., 1-3/8" I.D.
15	F440	Ferrule for F7346 brace		F4161	Washer spacer, 18 ga., 1-3/8" I.D.
16	F7571	Knotter mount, L.H.	36	SCC0000304	3/8" x 1 1/2" N.C. cap screw
17	F7432	Intermittent gear	37	SCC0000510	1/2" x 3" N.C. cap screw
18	F7072	Pinion frame	38	ZZ0000404	3/8" x 3/8" x 2 1/4" key
19	F7063	Bearing, knotter shaft, 2 used	39	SCC0000509	1/2" x 2 1/4" N.C. cap screw
20	F4137	Bushing for F7072 frame, 1-3/8" x 1 1/2" x 2"	40	F7904	3/8" x 3/8" x 2" key
21	F4138	Clamp collar	41	SCC0000302	3/8" x 1" N.C. cap screw
22	F7570	Knotter mount, R.H.	42	F7461	Needle yoke drive arm
				F7980	Wire knotter complete with clutch & brake

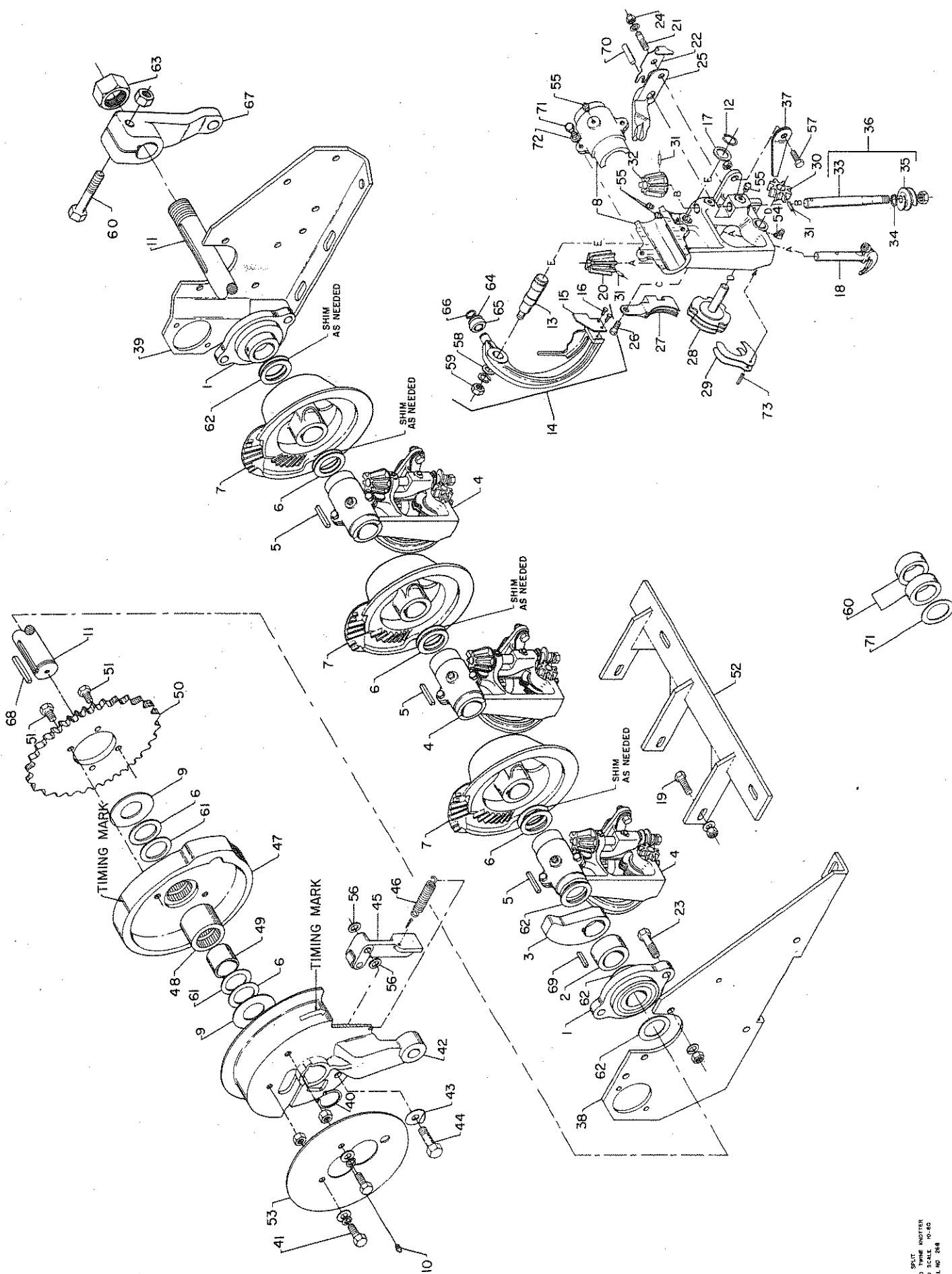


WIRE BOX AND WIRE GUIDES

REF. NO.	PART NO.	DESCRIPTION
1	F4014	Roller for wire guide and needle
2	F4015	Bushing for F4014 roller
3	F4222	Wire guide frame only (lower rear)
4	F857	Snap ring for F856 bushing
5	F856	Wire guide bushing
6	F4205	Wire guide complete, lower rear
7	F4068	Bushing for F4067 roller
8	F4067	Roller, lower front wire guide
9	F8173	Wire guide bracket, top bracket
10	F8174	Wire guide complete, lower front <i>NCE 250</i>
11	SCC0010002	Bolt with lock nut $\frac{1}{2}$ " x 1" N.C. cap screw, 3 used
12	F4203	Upper wire guide complete with pin
13	F4204	Upper wire guide wear pin
14	F5159	Snap ring for wear pin
15	F4225	Upper wire guide, bracket only
16	F4163	Wire guide bracket, rear
17	F4224	Wire guide bracket complete with bushing
18	F7637	Wire box divider
19	F7638	Wire box side, front
20	F7639	Wire box side, rear
21	F7640	Wire box bottom slats
22	F7641	Wire box end, left
23	F7642	Wire box divider angle
24	F7643	Wire box base with end plate
25	F7644	Angle for wire alarm mounting bracket, L.H.
26	F7645	Angle for wire alarm mounting bracket, R.H.
27	F4191	Mounting bracket for wire alarm rod, L.H.
28	F4190	Mounting bracket for wire alarm rod, R.H.
29	F7608	Rod for wire alarm
30	F946	Switch only for wire alarm
31	F7555	Wire box mounting bracket
32	F7556	Bottom support plate for F7555
33	SCC0050017	Bolt with nut $\frac{1}{2}$ " x $5\frac{1}{2}$ " N.C. cap screw <i>NCH 500</i>
34	F7557	Wire box mounting bracket, R.H.
35	F7705	Brace for F7557 R.H. wire box bracket
36	F7515	6 compartment wire box complete with braces and harness
37	F4210	Spring for wire alarm rod
38	F8175	Spacer $1\frac{1}{4}$ "
39	F8176	Spacer, $13/32$ "
40	PWB3753000	$3/8$ " x 3" No. 3 plow bolt, 2 used
41	F6317	Wire carrier end plate
42	F6318	Wire carrier clamp
43	F7231	Pipe spacer, wire carrier, short, 4 used
44	F7232	Pipe spacer, wire carrier, long, 4 used
45	SCC0030016	$3/8$ " x 5" N.C. cap screw
46	F7230	Stay bolt, wire carrier, 4 used
47	F4228	Wire carrier complete
48	NCE0000250	$1/4$ " N.C. fiber lock nut
49	NCE000375	$3/8$ " N.C. fiber lock nut
50	SMR0000100	$1/4$ " x $1/2$ " machine screw
51	CRB3751500	$3/8$ " x $1\frac{1}{2}$ " N.C. carriage bolt
52	SCC0000501	$1/2$ " x $3/4$ " N.C. cap screw
53	SMR0000201	$5/16$ " x $3/4$ " machine screw
54	F8311	Wire guide, bottom bracket

TWINE KNOTTER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7063	Knotter shaft bearing, 1-3/8"	35	F7875	Knotter worm only
2	F99	1-3/8" set collar	36	F7876	Knotter worm and shaft complete
3	CAM7180	Twine finger drive cam	37	F8052	Twine holder spring, 3 used
4	F8053	Knotter frame complete	38	F8369	Twine knotter mount, L.H.
5	F4104	Key, 3/8" x 3/8" x 1 1/2", cam gear	39	F8368	Twine knotter mount, R.H.
6	F4159	Knotter shaft spacer washer, 10 ga.	40	F7988	Snap ring, No. 5160-137
7	F7942	Knotter cam gear	41	SCC0000302	3/8" x 1" N.C. cap screw, 2 used
8	F7943	Knotter frame only	42	F7519	Clutch w/pawl
9	F4136	Hardened washer, 1-3/8" I.D., 16 ga.	43	F1620	Clutch pawl pin lock
10	ZZ0000103	1/8" P.T. straight grease fitting, No. 1710B	44	F1633	Clutch pawl pin
11	F8370	Knotter shaft, adjustable	45	F1622	Clutch pawl
12	F7976	Snap ring for knife arm pin	46	F4115	Spring, clutch pawl
13	F7884	Knife arm pin	47	F4133	Notched clutch disc w/F4134 bearing
14	F8050	Knife arm complete	48	F4134	Bearing
15	F8049	Twine knife	49	F4135	Inner race
16	F7859	Twine knife screw	50	F755	Sprocket, knotter clutch, 60A32
17	F7860	Knife arm washer	51	SCC0000302	3/8" x 1" N.C. cap screw
18	F7861	Knotter bill hook	52	F8371	Knotter head anchor
	F8070	Trigger for F7861 knotter bill hook	53	F7987	Shield for knotter clutch
	F8071	Pin for F8070 trigger	54	F7882	Zerk, 90° 22105
	F8068	Knotter bill hook pinion spacer washer, .020"	55	F7883	Zerk, straight 22105
	F8069	Knotter bill hook pinion spacer washer, .035"	56	F1623	Washer, clutch pawl
19	SCC0000303	3/8" x 1 1/4" N.C. cap screw	57	SCC0000302	3/8" x 1" cap screw
20	F7862	Pinion, knotter hook	58	F7892	Knife arm shaft washer
21	F7948	Knotter hook cam adjusting screw	59	F7893	Knife arm shaft nut
22	F7947	Knotter hook cam adjusting spring	60	SCC0000510	1/2" x 3" N.C. cap screw
23	FT109	7/16" x 1 1/2" N.F. cap screw	61	F4161	Knotter shaft spacer washer, 18 ga.
24	F7949	Knotter hook cam adjusting screw nut	62	F4160	Knotter shaft spacer washer, 14 ga.
25	F8051	Knotter hook cam	63	NEJ0013750	1-3/8" N.F. elastic stop jam nut
26	F7867	Twine holder bolt	64	F8280	Washer
27	F7868	Twine holder	65	F8274	Roller
28	F7869	Twine disc	66	F8275	Snap ring
29	F7870	Twine disc cleaner	67	F7461	Needle yoke drive arm
30	F7871	Pinion, twine holder disc	68	F7904	Key, 3/8" x 3/8" x 1-3/4"
31	F7872	Roll pin	69	F8054	Key, 3/8" x 3/8" x 3/4"
32	F7873	Pinion, knotter worm	SHIMS AS NEEDED		
33	F7874	Knotter worm shaft		F7977	Knotter shaft spacer, .010"
34	F1680	Washer, Knotter worm shaft, 28 ga.		F7978	Knotter shaft spacer, .005"
	F657	Washer, Knotter worm shaft, 10 ga.			
	F658	Washer, Knotter worm shaft, 14 ga.			
	F659	Washer, Knotter worm shaft, 18 ga.			
				TKN7130	Twine knotter assembly complete with mounts, clutch assembly and brake
				TKN7131	Twine knotter shaft assembly with clutch and brake disc



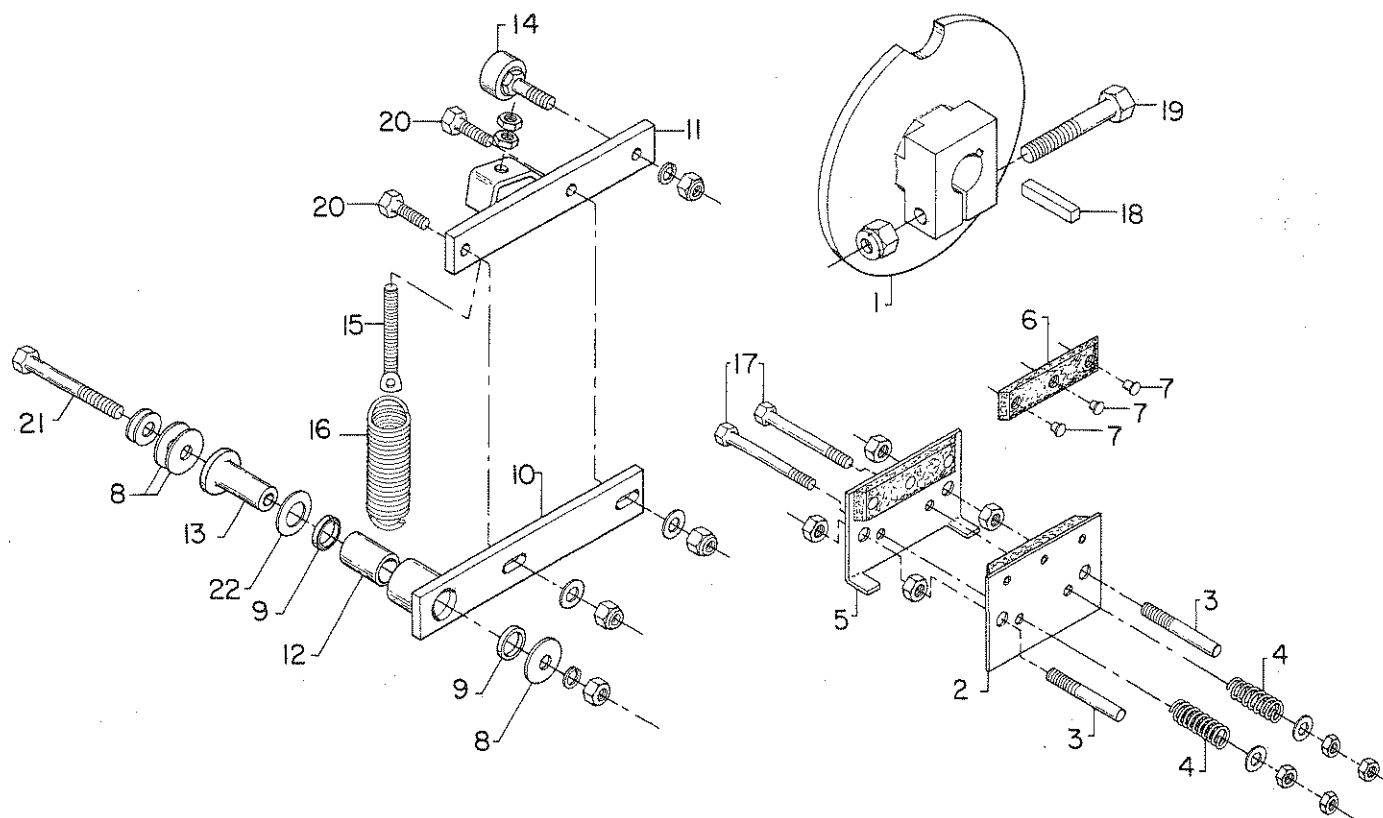
9-17
HEAD SCREW NUTTER
NO SCALE 10-80
ILL NO 248

SPLIT-TWINE KNOTTER 330

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7063	Knotter shaft bearing, 1 3/8"	36	F7876	Knotter worm and shaft complete
2	F99	1-3/8" set collar	37	F8052	Twine holder spring, 3 used
3	CAM7180	Twine finger drive cam	38	F8369	Twine knotter mount, L.H.
4	KNT6003	Split Knotter frame complete	39	F8368	Twine knotter mount, R.H.
5	F4104	Key, 3/8" x 3/8" x 1 1/2", cam gear	40	F7988	Snap ring, No. 5160-137
6	F4159	Knotter shaft spacer washer, 10 ga.	41	SCC 30002	3/8" x 1" N.C. cap screw, 2 used
7	F7942	Knotter cam gear	42	F7519	Clutch w/pawl
8	KNT0060030	Split knotter frame only	43	F1620	Clutch pawl pin lock
9	F4136	Hardened washer, 1 3/8" I.D., 16 ga.	44	F1633 PIN 20767	Clutch pawl pin
10	Z2 103	1/8" P.T. straight grease fitting, No. 1710B	45	F1622	Clutch pawl
11	F8370	Knotter shaft, adjustable	46	F4115	Spring, clutch pawl
12	F7976	Snap ring for knife arm pin	47	F4133	Notched clutch disc w/F4134 bearing
13	F7884	Knife arm pin	48	F4134	Bearing
14	F8050	Knife arm complete	49	F4135	Inner race
15	F8049	Twine knife	50	F755	Sprocket, knotter clutch, 60A32
16	F7859	Twine knife screw	51	SCC 30002	3/8" x 1" N.C. cap screw
17	F7860	Knife arm washer	52	F8371	Knotter head anchor
18	F7861	Knotter bill hook	53	F7987	Shield for knotter clutch
	F8070	Trigger for F7861 knotter bill hook	54	F7882	Zerk, 90°
	F8071	Pin for F8070 trigger	55	F7883	Zerk, straight
	F8068	Knotter bill hook pinion spacer washer .020"	56	F1623	Washer, clutch pawl
	F8069	Knotter bill hook pinion spacer washer, .035"	57	SCC 30002	3/8" x 1" cap screw
19	SCC 30003	3/8" x 1 1/4" N.C. cap screw	58	F7892	Knife arm shaft washer
20	F7862	Pinion, knotter hook	59	F7893	Knife arm shaft nut
21	F7948	Knotter hook cam adjusting screw	60	SCC 510	1/2" x 3" N.C. cap screw
22	F7947	Knotter hook cam adjusting spring	61	F4161	Knotter shaft spacer washer, 18 ga.
23	FT 109	7/16" x 1 1/2" N.F. cap screw	62	F4160	Knotter shaft spacer washer, 14 ga.
24	F7949	Knotter hook cam adjusting screw nut	63	NEJ 13750	1-3/8" N.F. elastic stop jam nut
25	F8051	Knotter hook cam	64	F8280	Washer
26	F7867	Twine holder bolt	65	F8274	Roller
27	F7868	Twine holder	66	F8275	Snap ring
28	F7869	Twine disc	67	F7461	Needle yoke drive arm
29	KNT006012	Twine disc cleaner	68	F7904	Key, 3/8" x 3/8" x 2"
30	F7871	Pinion, twine holder disc	69	F8054	Key, 3/8" x 3/8" x 3/4"
31	F7872	Roll pin	70	RS 3451926	Pin
32	F7873	Pinion, knotter worm	71	SCC 20002	Cap screw (2 used) 5/16 x 1 NCHTAS
33	F7874	Knotter worm shaft	72	WLR 313	Lock washer (2 used)
34	F1680	Washer, Knotter worm shaft, 28 ga.	73	KNT5321481	Roll pin
	F657	Washer, Knotter worm shaft, 10 ga.			
	F658	Washer, Knotter worm shaft, 14 ga.			
	F659	Washer, Knotter worm shaft, 18 ga.			
35	F7875	Knotter worm only			

SHIMS AS NEEDED:

F7977	Knotter shaft spacer, .010"
F7978	Knotter shaft spacer, .005"



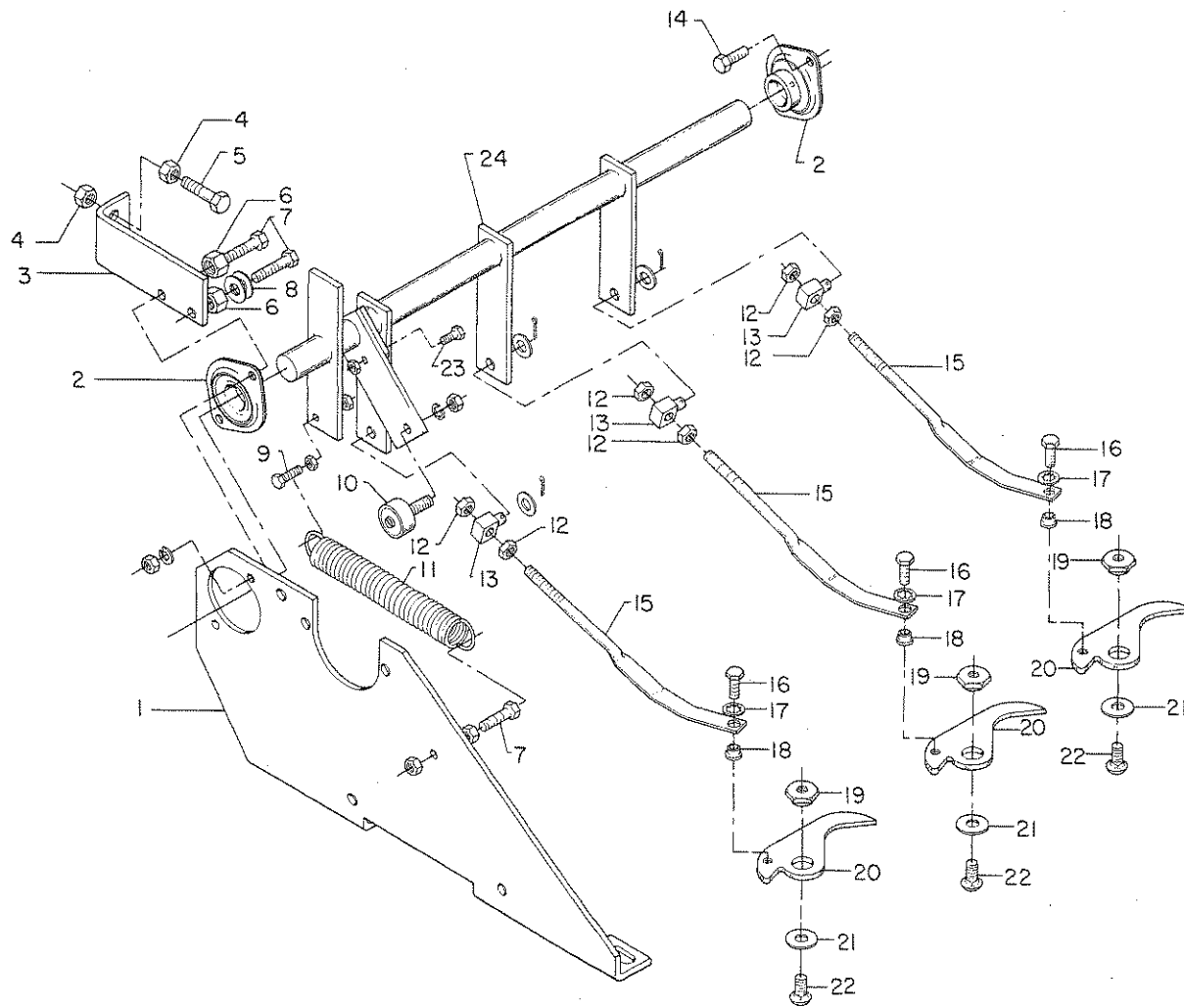
KNOTTER BRAKE ASSEMBLY

REF. PART NO.	NO.	DESCRIPTION
1	F7528	Brake disc with hard notch, 1-3/8"
2	F7450	Outside brake plate with lining
3	F7451	Brake plate stud, 2 used
4	F7453	Brake plate spring, 2 used
5	F7449	Inside brake plate with lining
6	F7454	Brake lining with rivets, 2 used
7	RIV 106	Rivets for brake lining, 6 used
8	F246	Saddle lever washer
9	F7587	Seal for saddle lever anchor, 63123 Victor
10	F7561	Saddle lever lower half with bushing
11	F7560	Saddle lever upper half with spring anchor
12	F7586	Bushing for saddle lever, 3/4" x 1" x 1 1/2"
13	F7585	Saddle lever sleeve
14	F1572	Cam follower, saddle lever
15	F7448	Saddle lever spring eyebolt
16	F7559	Saddle lever spring
17	F7452	Brake plate bolt, 1/4" x 3 1/2" NC
18	F7904	3/8" x 3/8" x 2" key for brake disc
19	SCC0000511	1/2" x 3 1/4" NC cap screw w/fibre lock
20	NCE 500	ESNA lock nut for brake clamp
20	SCC0000203	5/16" x 1 1/4" NC cap screw w/fibre lock
20	NCE 313	ESNA nut for saddle lever
21	SCC0000312	3/8" x 3 1/2" NC cap screw w/fibre lock
21	NCE 375	ESNA NUT for saddle lever anchor
22	F802	Mach. washer

F-837B

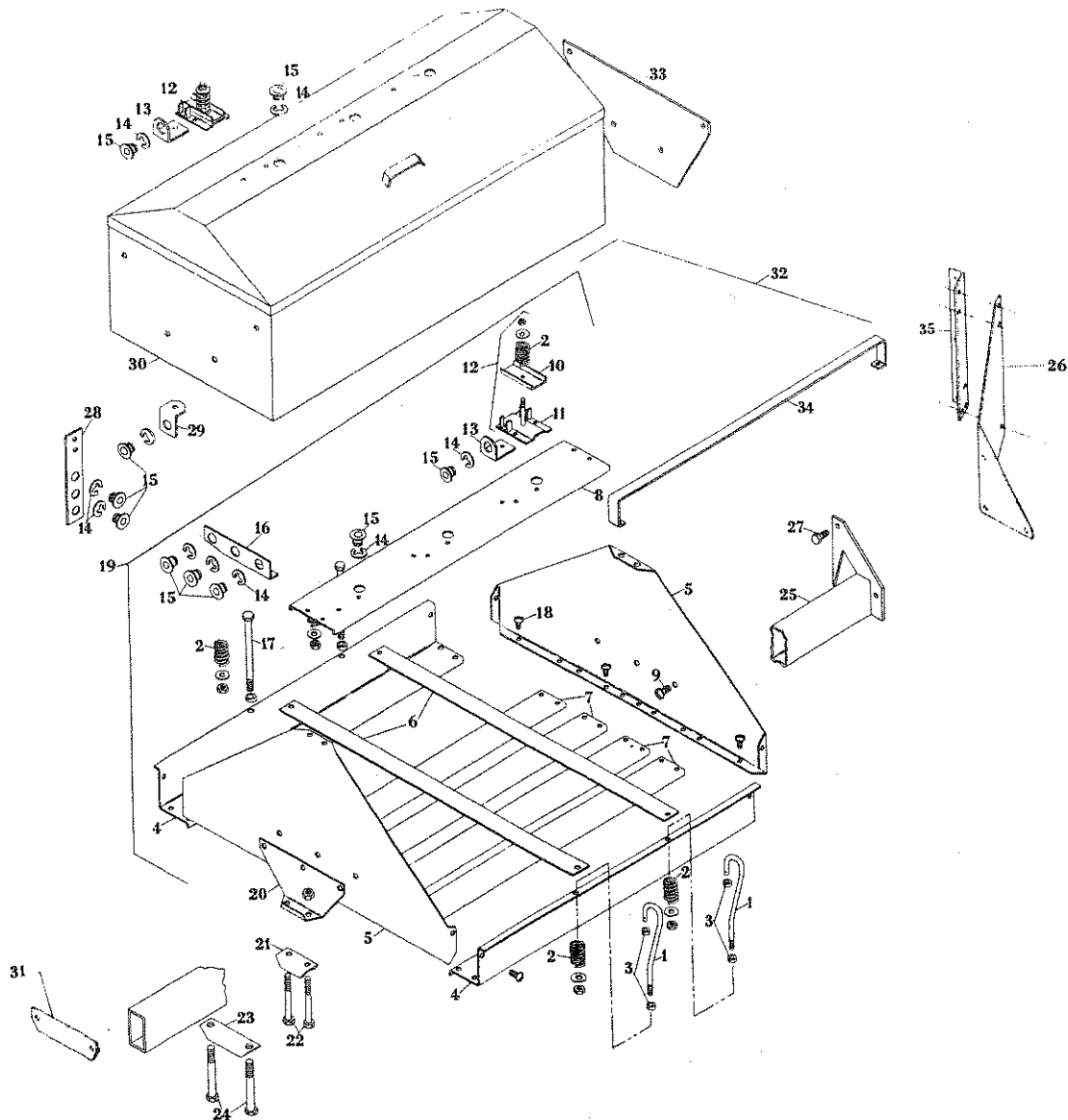
1 F-1549 rod end
1 F-1550 rod end
2 F-1552 bolt w/esna nut
1 F-7461 drive arm, needle yoke
1 F-7521 bearing, needle yoke
1 F-7522 bearing, needle yoke
2 F-7554 drive rod, needle yoke
1 F-7579 bracket, crank arm shield
1 F-7654 bracket, crank arm shield
1 F-7903 needle yoke
3 F-8143 rod, twine finger, with long threads
3 F-8335 finger, twine
1 F-8368 mount, knotter, R.H.
1 F-8369 Mount, knotter L.H.
1 F-8370 shaft, knotter
1 F-8371 anchor, knotter
1 F-8375 shield, drive arm
1 F-8376 shield, luber chain. (if baler equiped with luber)
1 1-3/8" N.F. Esna jam nut
2 3/4" x 10 ga, machinery bushings
2 3/4" cut washers.
1 3/8 x 3/8 x 4" key
2 1/2 x 1-1/2" N.C.H.T. Cap screws
2 1/2 x 1-3/4" N.C.H.T. Cap screws
2 1/2" N.C. Esna nuts
2 1/2" lock washers
2 3/4" N.F. nuts R.H.
2 3/4" N.F. nuts L.H.
1 1/2 x 3" N.F.H.T. Cap screw
1 1/2 " N.F. nut
6 5/16 x 3/4" N.C. Cap screw
6 5/16 lock washers
6 5/16 N.C. Nuts
1 # 60 R.C. OFF-SET LINK
1 1/2" x 2-1/4 N.C. Cap screw

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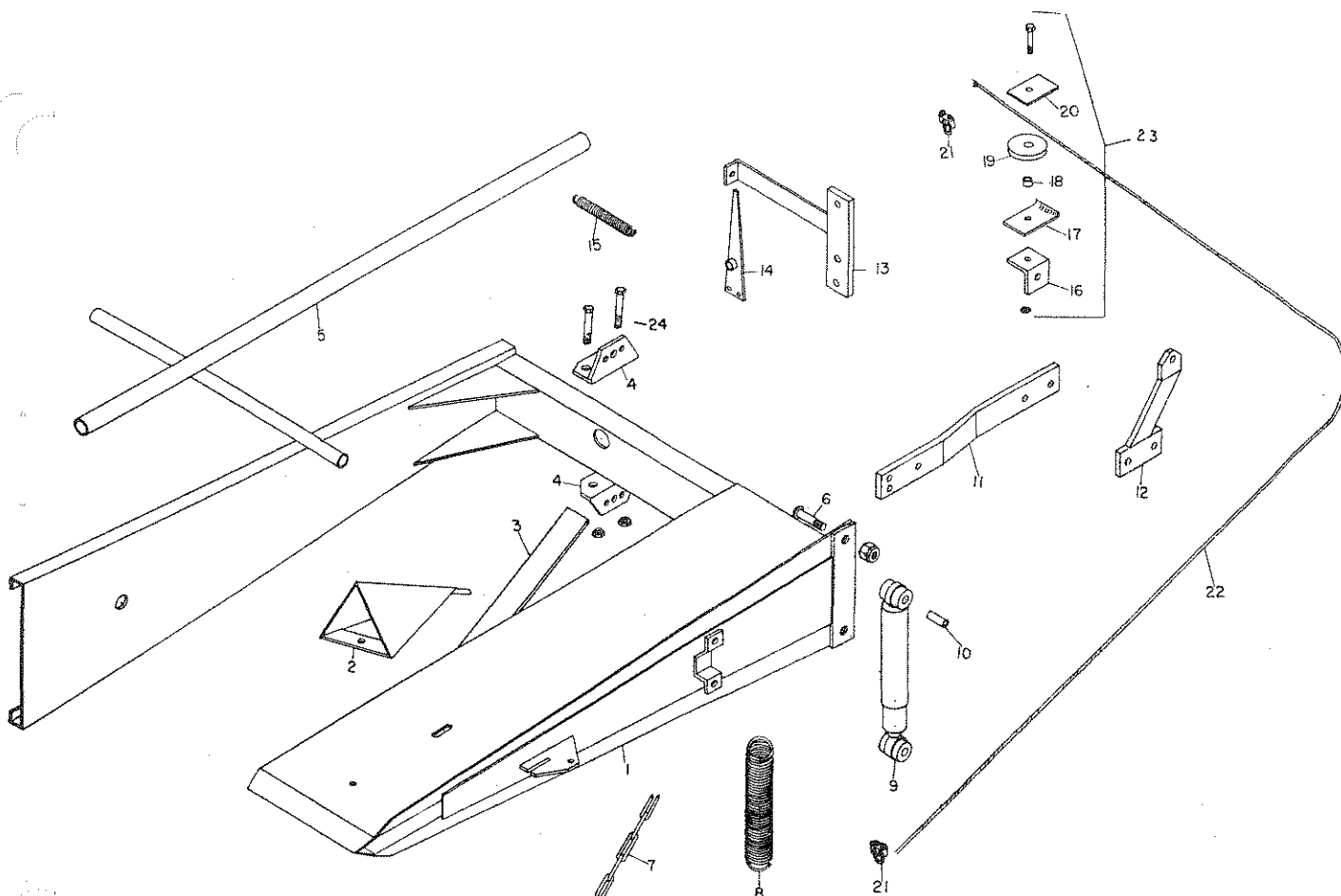
TWINE FINGER DRIVE

REF. NO.	PART NO.	DESCRIPTION
1	F8369	Twine knotter mount, L.H.
2	F8095	Bearing, twine finger drive rod
	F6003	Bearing only, RA100NPPB
	F8384	Locking collar only, S100K
	F6004	Flangette only, 52MST
3	F7959	Twine finger stop bracket
4	NCE0003750	3/8" N.C. nut, 2 used NCH 375
5	SCC0030006	3/8" x 2" N.C. cap screw
6 NCH	NCE0005000	1/2" N.C. nut, 2 used as spacers
7	SCC0000204	5/16" x 1 1/2" N.C. cap screw, 4 used
8	WGT0003750	3/8" washer, 2 used 5/16 WGT 313
9	SCC0000103	1/4" x 1 1/4" N.C. cap screw
10	F1572	Cam follower
11	F1517	Spring, twine finger return
12 NFA	NFE0000375	3/8" N.F. nut, 6 used
13	F159	Twine finger link block, 3 used
14	SCC0000202	5/16" x 1" N.C. cap screw
15	F8143 ROD 20044	Twine finger drive rod
16	SFC0000201	5/16" x 3/4" N.F. cap screw, 3 used
17	WIS0003125	5/16" internal star lock washer, 3 used
18	F8147	Drive rod bushing, 2 used
19	F8144	Bushing, twine finger, 3 used
20	F8335	Twine finger, 3 used
21	F8146	Twine finger washer, 3 used
22	F8330	3/8" x 7/8" carriage bolt, grade 8, 3 used
23	SCC0000102	1/4" x 1" N.C. cap screw
24	F7958	Twine finger drive shaft assembly



TWINE BOX AND TWINE GUIDES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	ROD13271	Twine box hold down rod	20	F7937	Twine box bracket
2	F7541	Spring, twine box hold down	21	F6318	Twine box clamp
3	F7928	Set collar, 5/16"	22	SCC0000316	3/8" x 5" N.C. cap screw
4	F7929	Twine box side	23	F6318	Bottom support plate for F7555
5	BOX13273	Twine box end	24	SCC0000517	1/2" x 5-1/2" N.C. cap screw
6	F7931	Twine box hold down	25	F7938	Twine box base tube with end mount
7	F7932	Twine box bottom	26	F8194	Twine box mounting bracket, R.H.
8	F7933	Twine box top section	27	SCC0000302	3/8" x 1" N.C. cap screw
9	SBH0003001	3/8" x 3/4" button head screw	28	F525	Holder for twine guide bushing
10	F7890	Twine tension top	29	F7973	Holder for needle twine guide bushing
11	F7889	Twine tension base	30	BOX13309	Twine box, 4 compartment, dome lid
12	F7891	Twine tension assembly		BOX13292	Twine box, 6 compartment, dome lid
13	F7898	Twine guide bushing holder		BOX13028	Twine box, 8 compartment, dome lid
14	F857	Snap ring for F856		BOX13286	Twine box, 12 compartment, dome lid
15	F856	Twine guide bushing	31	F7555	Twine box tube mounting bracket, left hand
16	F7934	Twine guide bracket	32	BOX0132730	Twine box, 9 compartment large plastic twine balls, complete with base tube and mounting brackets
17	ROD13272	Twine box hold down bolt		F6317	Twine box bracket
18	SMF0000100	1/4" x 1/2" flat head machine screw	33	F8279	Guard, twine tension
19	F7936	Twine box complete, 9 compartment, large plastic twine ball, Ref. 1-18	34		



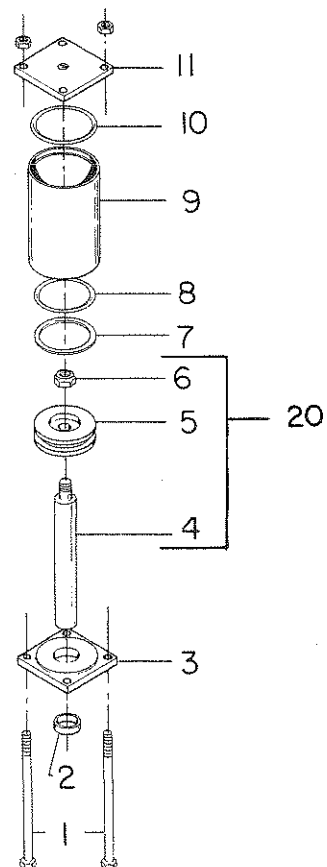
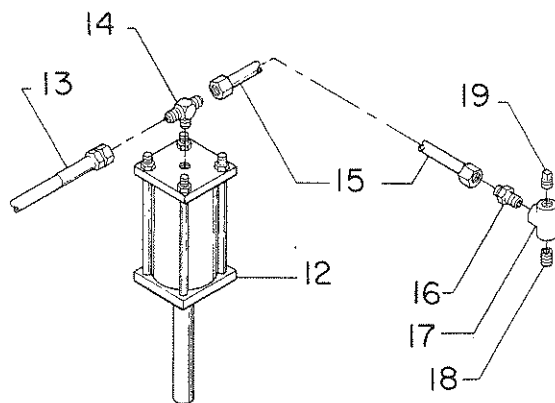
BALE CHUTE AND WEIGHT INDICATOR

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7600	Bale chute, frame only CHU 17876	12	F1639	Cable bracket
2	F7655	Bale turner	13	F997	Weight indicator bracket
3	F7656	Bale skid	14	F998	Indicator hand
4	F7657	Bale skid bracket, 2 used	15	F268	Indicator return spring
5	F7624	Flat chute adapter for combination chute	16	F999	Mounting angle for F7236 sheave
6	F7658	Button head bolt, 1/2" x 1 1/2" 4/ESNA NUT	17	F994	Shield for F4067 roller
7	F7659	Chain, bale chute	18	F4068	Bushing for F4067 roller
8	F985	Spring, bale chute, 3-tie turning	19	F4067	Roller for F7236 sheave
	F987	Spring, bale chute, 3-tie flat	20	F995	Plate for F4067 roller
9	F988	Shock absorber	21	F990	Cable clamp, 1/8", 2 used
10	F993	Bushing for shock absorber	22	F7661	Indicator cable, 1/8" aircraft 65"
11	F1638	Shock absorber support	23	F7236	Sheave complete, bale weight indicator
			24	SCC 50017 1/2" x 5 1/2" N.C. cap screw, 2 used, with lock, wash & nut	
				WLK 500 1/2" LOCK WASHER, PLATED	
				NCH 500 1/2" NC HEX NUT, PLATED	

F1050 BALE WT INDICATOR KIT

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F1050 BALE WT INDICATOR KIT

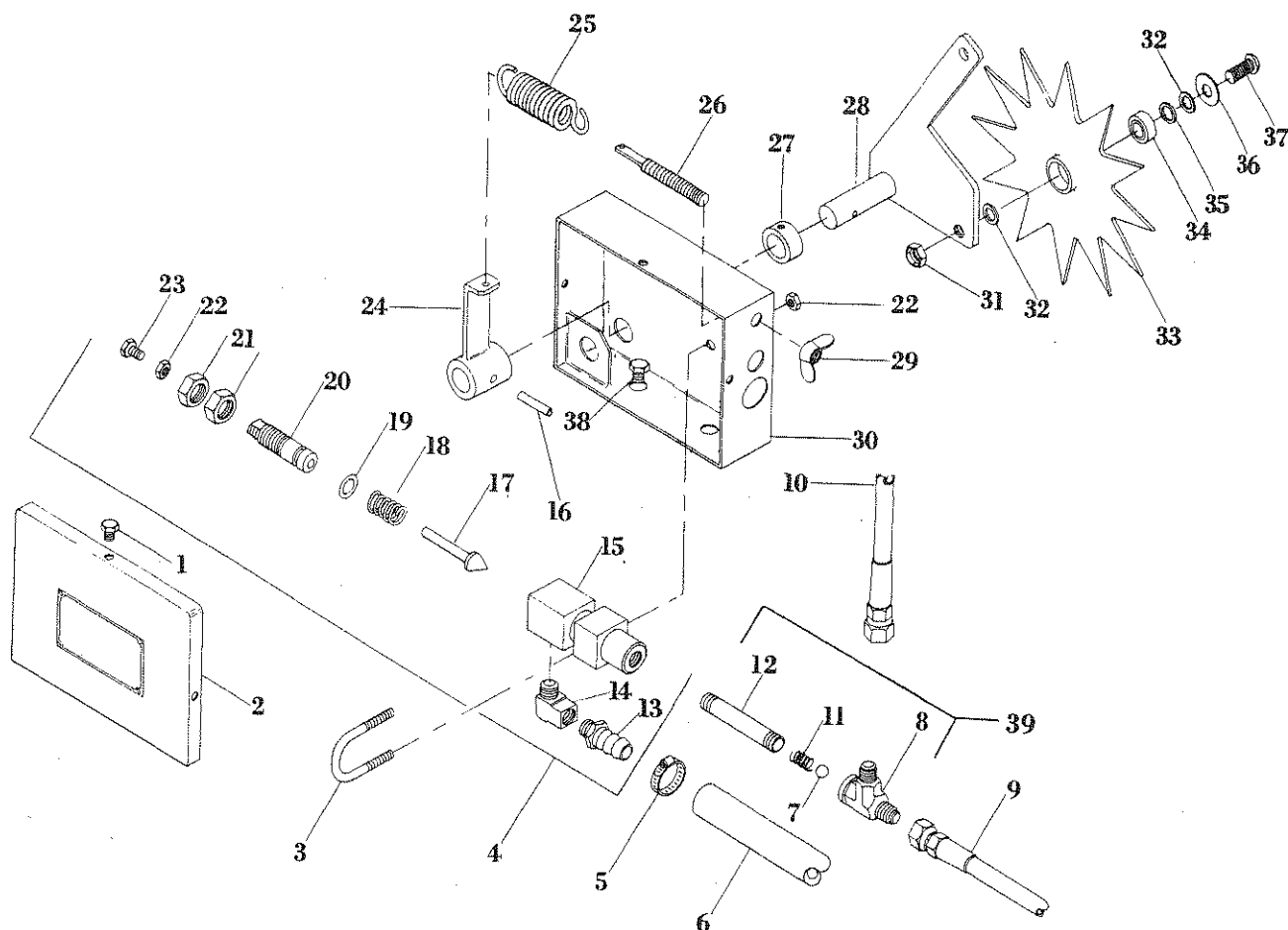


TENSION CONTROL RAM 4" — 1981

REF. NO.	PART NO.	DESCRIPTION
1	FT235	Tie bolt 3/8" x 7-1/2", 4 used
2	FT19	Bushing 1" x 1-1/4" x 5/8"
3	CYL13277	Cylinder base plate
4	ROD0013505	Piston rod
5	CYL13279	Cylinder piston
6	NEJ0005000	1/2" NF elastic jam nut
7	RNG0008342	Backup ring
8	RNG0002342	"O" ring
9	CYL13278	Cylinder barrel
10	RNG0002342	"O" ring
11	CYL13276	Head plate
12	FT276	Cylinder complete
13	FT221	Pressure hose bypass to ram 24"
14	FT220	3/8" JIC male branch tee C5605 x 6 WH
15	FT216	3/8" steel tube ram to ram
16	FT219	3/8" JIC male connector C5205 x 6 WH
17	FT218	Tee 1/4"
18	FT217	Nipple 1/4" extra heavy black
19	FT75	Pipe plug 1/4"
20	FT0000275	Piston complete

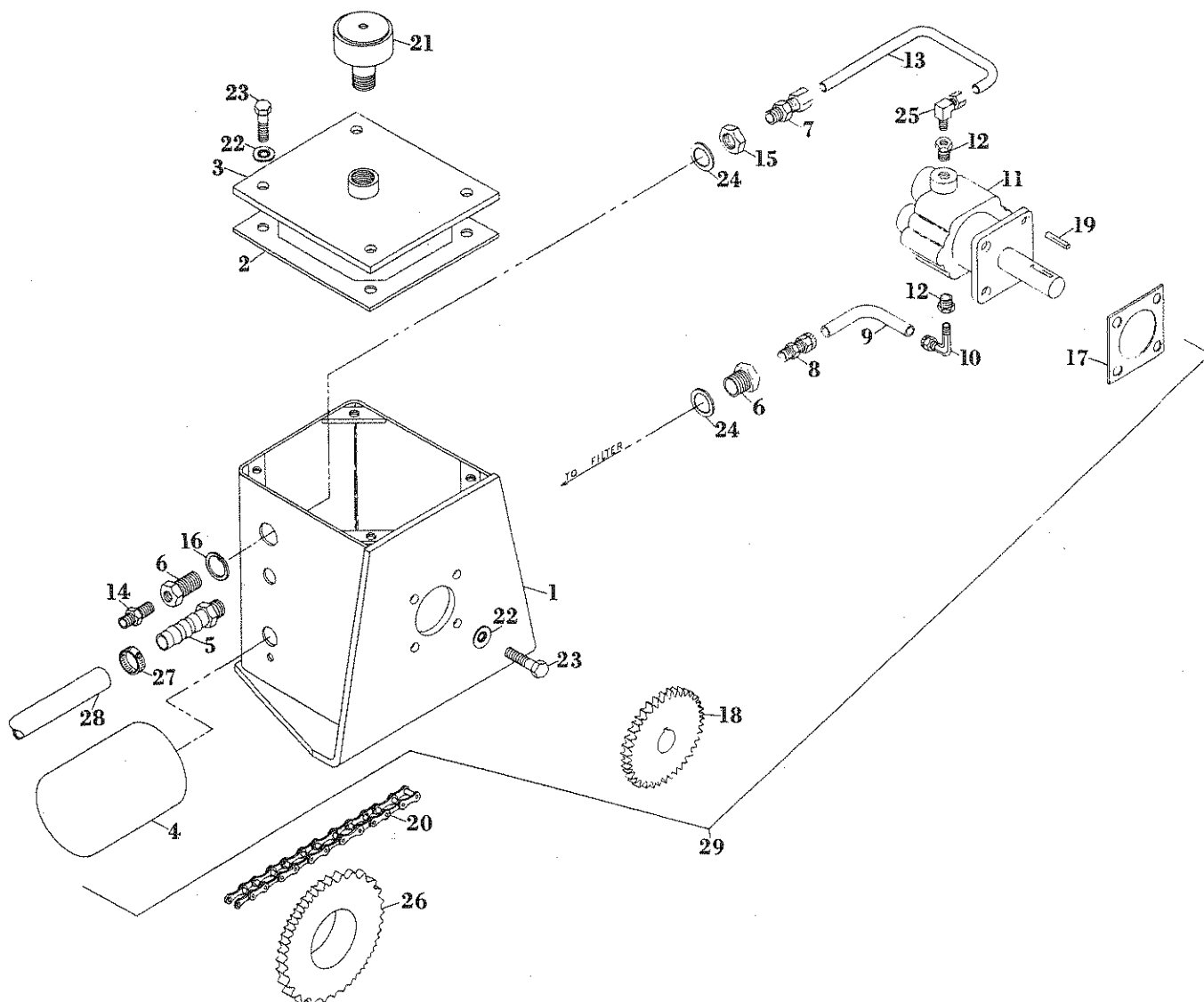
NOT SHOWN:

FT0000277 Dual ram assembly complete



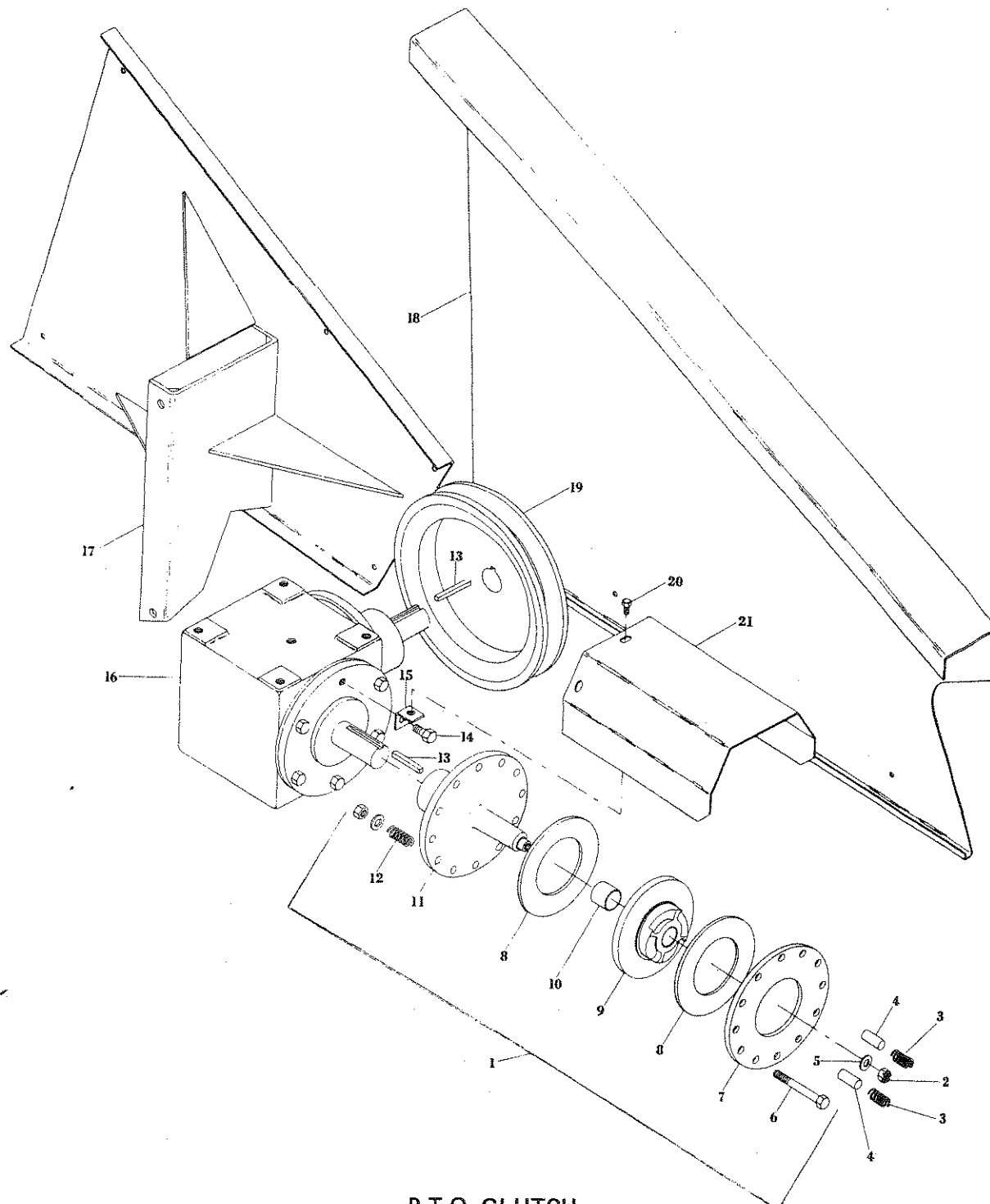
TENSION CONTROL BYPASS BOX

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	SCC0000145	1/4" x 1/2" N.C. cap screw	22	NCH NCE0002500	1/4" N.C. nut
2	FT50	Bypass box cover	23	SCC0000103	1/4" x 1 1/4" N.C. cap screw
3	FT58	U-Bolt	24	FT245	Bypass lever
4	FT280	Bypass assembly complete	25	SPG13399	Adjusting screw tension spring
5	FT252	Hose clamp, GS-5 Murray	26	FT6205	Adjusting screw
6	FT191	Bypass return hose, 1/2" X 90"	27	F172	3/4" set collar
7	FT512	Check ball, not used	28	FT246	Penetration wheel arm
8	FT224	3/8" JIC female run tee, C5805 x 6 WH	29	FT62	Wing nut
9	FT225	1/4" hydraulic hose, pump to bypass, 84"	30	FT194	Bypass box
10	FT221	1/4" hydraulic hose, bypass to ram, 24"	31	NCP0003750	3/8" pal nut
11	FT248	Spring, LC-O-26-E- 11 Lee, not used	32	FT209	Washer, 14 ga., 3/8" x 5/8"
12	FT223	1/4" x 3" extra strong black nipple	33	FT178	Penetration wheel with bearing
13	FT193	1/2" hose nipple	34	FT179	Bearing, BR9904
14	FT188	3/8" street elbow, 3400 x 6 WH	35	FT210	Washer, 18 ga., 3/8" x 5/8"
15	FT184	Bypass cylinder	36	FT123	Washer, 3/8"
16	ZZ0000701	1/4" x 1 1/4" roll pin	37	FT211	Button head bolt, 3/8" x 1"
17	FT87	Bypass check pin	38	SCC0000300	3/8" x 1/2" N.C. cap screw
18	SPG13400	Spring, bypass check pin	39	FT249	Ball check assembly
19	FT53	O-Ring, bypass			
20	FT54	Plunger, less nuts			
21	FT55	Jam nut, 5/8"			
				FT192	Bypass box complete, Less pressure hose



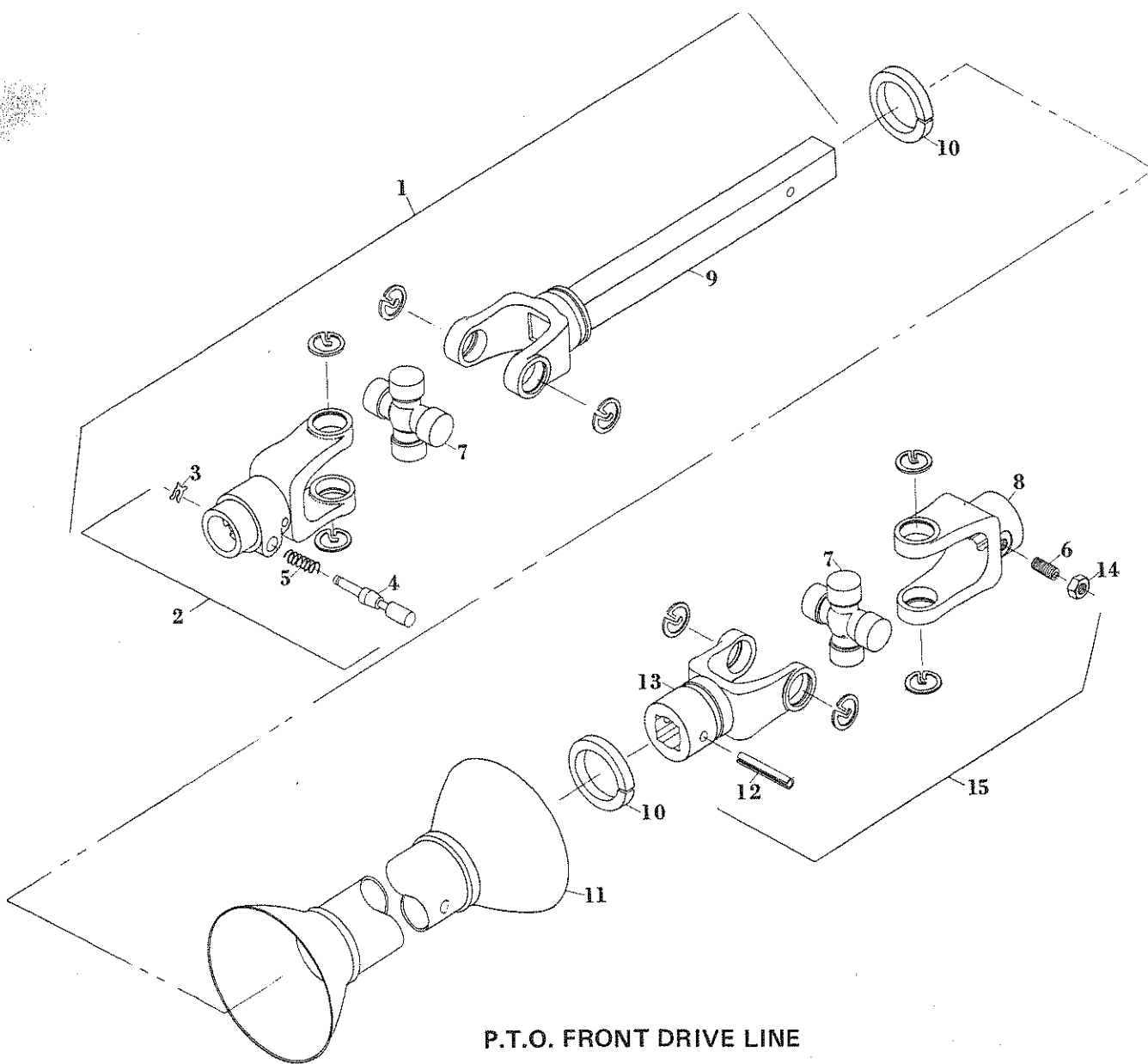
TENSION CONTROL PUMP ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	FT558	Tank	15	FT552	3/4" bulkhead nut, W 21204
2	FT559	Tank cover gasket	16	FT553	3/4" x 1" x 1/16" fiber washer, Seastrom 5600-64-62
3	FT545	Tank cover	17	FT548	Gasket, pump flange
4	FT546	Filter, PH966B Fram	18	FT555	Driven sprocket, 40B15 x 9/16"
5	FT193	Hose nipple	19	ZZ0000403	1/8" x 1" square key
6	FT549	Bulkhead fitting W21204 WH	20	FT556	Drive chain, 73P No. 40
7	F8221	1/4" male connector, 68 x 4 x 4 WH	21	FT530	Breather cap
8	HYD68033	Male connector,	22	FT 538	Washer, 5/16" COPPER
9	FT562	Tube, 3/8"	23	SCC0000202	5/16" x 1" N.C. cap screw
10	HYD69033	Male elbow,	24	WIS0007500	3/4" internal star lock washer
11	FT547	Pump, 22YB-012-2R Webster	25	F8227	1/4" male elbow, 69 x 4 x 4 WH
	FT561	Seal kit for FT547 pump	26	SPK4030	Drive sprocket, 40B30 x 2-7/16"
12	FT103	3/8" x 1/4" reducer bushing	27	FT252	Hose clamp, GS-5 Murray
13	FT551	1/4" copper tubing, 3" long	28	FT191	Bypass return hose, 1/2" x 93"
14	FT219	Male connector, C5205 x 6 WH	29	FT560	Pump & tank assembly, complete less hose



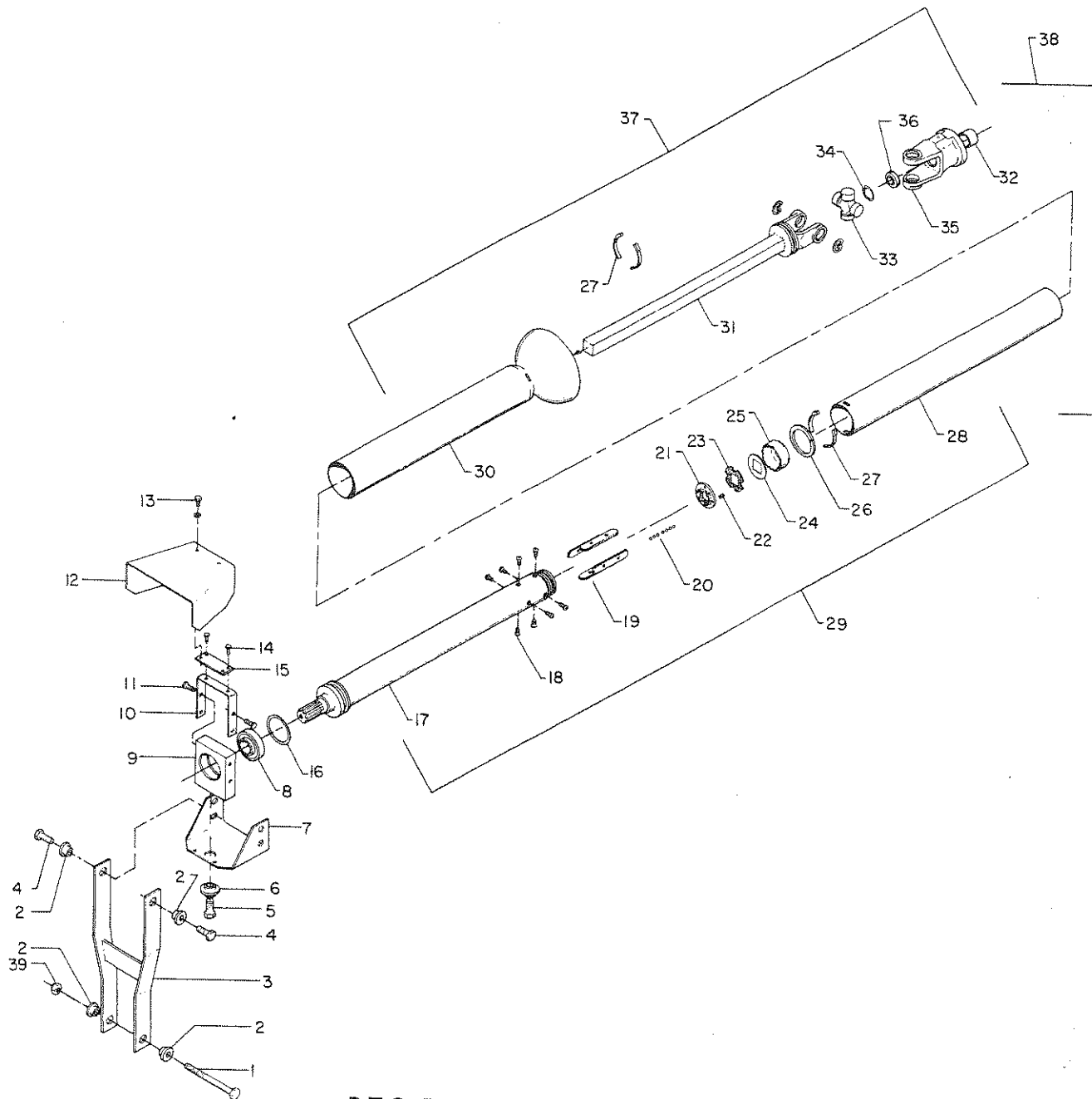
P.T.O. CLUTCH

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F8178	P.T.O. clutch assembly 1000 rpm	12	F1797	Spring, 12 used on 540 rpm, 6 used on 1000 rpm.
2	NSL0000500	½" N.C. slotted nut	13	ZZ0000400	5/16" x 5/16" x 1-1/8 key
3	F1790	Spring, 2 used	14	SCC0000203	9/16" x 1¼" N.C. cap screw
4	F1791	Clutch pin, 2 used	15	F1800	Clip, shield, 3 used
5	WLK0000500	½" spring lock washer	16	F1412	Gear box complete, 540 rpm.
6	SCC0000311	3/8" x 3¼" hex head cap screw, 12 used on 540 rpm., 6 used on 1000 rpm.	17	F1780	Gear box complete, 1000 rpm.
7	F1792	Clutch plate	18	F8324	Mounting bracket drive belt shield
8	F1793	Friction disc, 2 used	19	F8325	Drive belt shield
9	F1794	Clutch plate assembly w/bushing	20	F1798	Sheave, P.T.O., 1-3/8" bore
10	F1795	Bushing	21	SCC0000101	¼" x ¾" N.C. cap screw, 3 used
11	F1796	Clutch pilot		F1799	Shield, rear "U" joint
LISTED BUT NOT SHOWN					
				WAS 134	3/8" x 2" cut washer, 1/8" thk
				WLK 375	3/8" lock washer
				SFC 30004	3/8" x 1½" cap screw NF



P.T.O. FRONT DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION
1	F1846	Universal joint & shaft assembly, 540 rpm.
	F1847	Universal joint & shaft assembly, 1000 rpm.
2	F890	Yoke assembly, QD, 1-3/8" — 6 spline, w/lock pin
	F8181	Yoke assembly, QD 1-3/8" — 21 involute spline w/lock pin 1000 rpm.
3	F1107	Lock pin washer
4	F1106	Lock pin
5	F1108	Spring lock pin
6	F1828	Set screw, 1/2" x 1 1/4" NF hex socket
7	F889	Universal cross repair kit
8	F1823	Yoke, 1-3/8" — 6 spline
9	F1824	Yoke & shaft assembly
10	F1827	Nylon bushing, 2 used
11	F1825	Shield & bell assembly
12	ZZ0000711	Roll pin, 3/8" x 2"
13	F1826	Yoke, 1-3/16" square
14	NFJ0005000	1/2" N.F. jam nut
15	F8179	Universal joint assembly
	F1812	P.T.O. driveline assembly, complete, front, 540 rpm.
	F8180	P.T.O. driveline assembly complete, front, 1000 rpm.

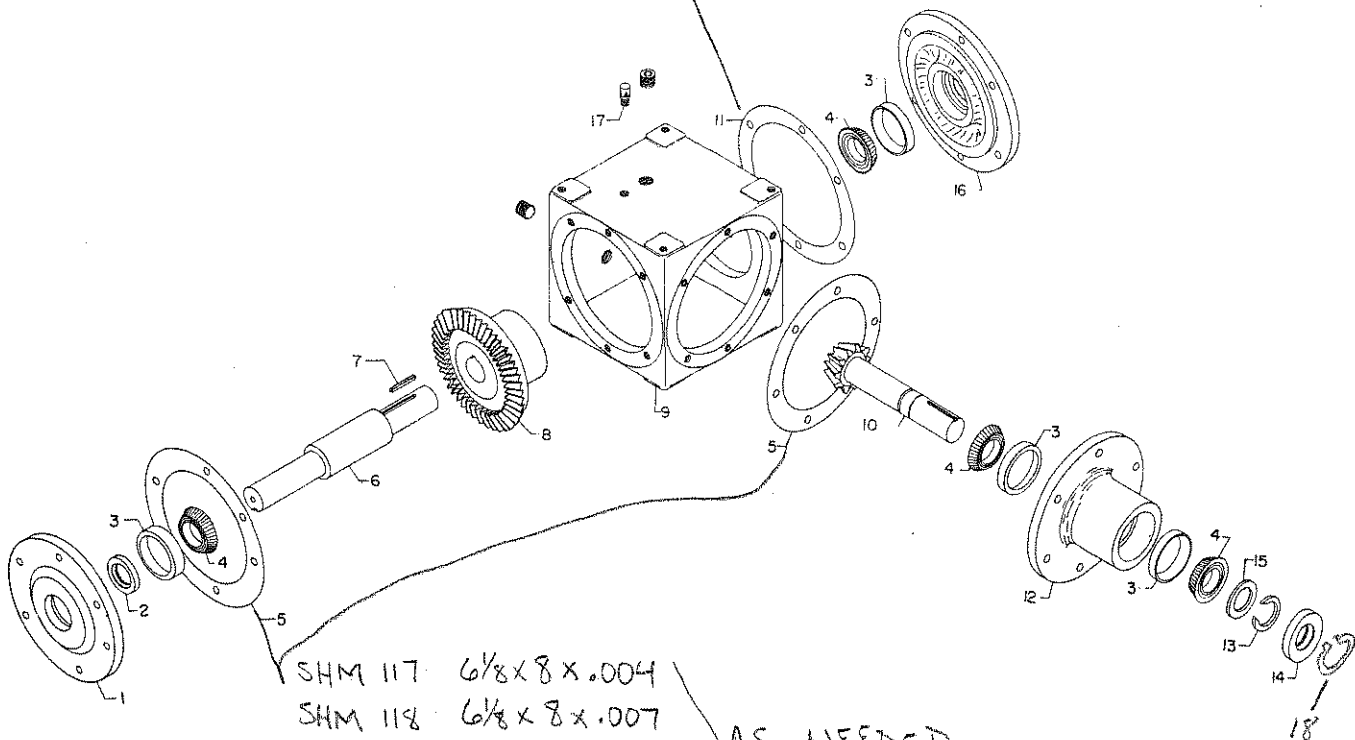


P.T.O. REAR DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION
1	SCC00500186	1/2" x 6" NCHT cap screw, 2 used
2	F1811	Pedestal tilt bushing, 4 used
3	F1810	Bearing pedestal
4	SCC0050004	1/2" x 1 1/2" N.C. cap screw, 2 used
5	SCC0070004	5/8" x 1 1/2" N.C. cap screw
6	F1801	Swivel bushing, pedestal bearing
7	F1809	Pedestal bearing bracket
8	F1807	Ball bearing, 207 KRR Fafnir
9	F1808	Pedestal bearing housing
10	F1805	Shield bracket, front universal joint
11	SCC0020001	5/16" x 3/4" N.C. cap screw, 4 used
12	F1804	Shield, front universal joint
13	SCC0010001	1/4" x 3/4" N.C. cap screw, 2 used
14	SCC0010002	1/4" x 1" N.C. cap screw, 2 used
15	F1803	Adapter, shield
16	F1806	Retaining ring, RR 287 Spirolox
17	PTO2612	Tube and stub shaft assembly
18	PTO2614	Button head socket screw, 8 used
19	PTO2609	Ball retainer, 4 used

REF. NO.	PART NO.	DESCRIPTION
20	PTO2616	Balls, 164 used
21	PTO2611	End cap
22	PTO2613	Nylox cap screw, 4 used
23	PTO2608	Felt wiper
24	PTO2618	Nylon retainer
25	PTO2607	Wiper retainer
26	PTO2646	Nylon bearing
27	PTO2691	Shield bearing, 2 used
28	PTO337083	Inner shield
29	PTO2293753	Telescoping drive line, front half
30	PTO3622825	Outer shield
31	PTO2112831	Yoke and shaft assembly
32	F1819	Bushing, flange yoke
33	F889	Universal cross repair kit, 2275x
34	F1816	Bearing retainer ring, N5000-137
35	F1818	Flange yoke, 211J9X
36	F1817	Ball bearing, flange yoke, 9103PP Fafnir
37	PTO2612132	Telescoping drive line, rear half
38	PTO2293612	Telescoping drive line, complete
39	NCE0000500	1/2" UNC Esna nut

SHM 121 6 1/2 x 8 x .003
 SHM 122 6 1/2 x 8 x .005
 SHM 123 6 1/2 x 8 x .007
 SHM 124 6 1/2 x 8 x .010
 SHM 125 6 1/2 x 8 x .015



SHM 117 6 1/8 x 8 x .004
 SHM 118 6 1/8 x 8 x .007
 SHM 119 6 1/8 x 8 x .010
 SHM 120 6 1/8 x 8 x .015

AS NEEDED

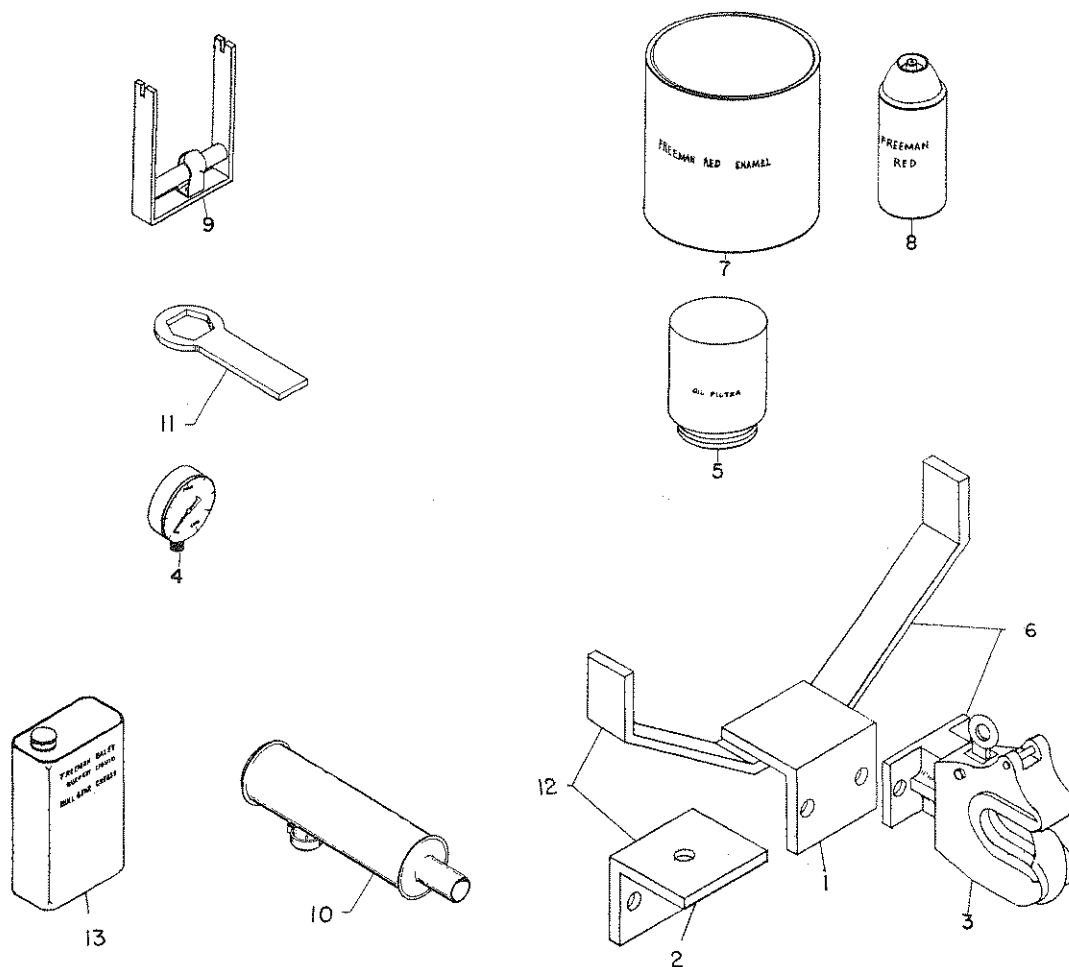
P.T.O. GEAR BOX (Use SAE 90 Gear Oil)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F1076	Cap, drive shaft bearing (open end)	9	F1407	Case for gear box
2	F1085	Seal, drive shaft (CR186112)	10	F1410	Pinion and shaft, 13T for 540 rpm box
3	F1084	Bearing cup, pinion and drive shaft (LM 48510)	11	F1779	Pinion and shaft, 21T for 1000 rpm box
4	F1083	Bearing cone, pinion and drive shaft (LM 48548)	12		Steel Shim
5		Steel Shim	13	F1078	Housing, pinion shaft bearing
6	F1601	Drive shaft	14	F1087	Snap ring, pinion shaft (thick)
7	F1093	Key, drive shaft and sheave, 5/16" x 5/16" x 2"	15	F1421	Grease seal for pinion shaft (CR256112)
8	F1411	Bevel gear, 39T, for 540 rpm box	16	F1420	Steel shim (.003 thick)
	F1778	Bevel gear, 34T, for 1000 rpm box	17	F1409	Cap, drive shaft bearing (closed end)
				F1720	Vent

F1412 Gear box complete less sheave, 540 rpm.

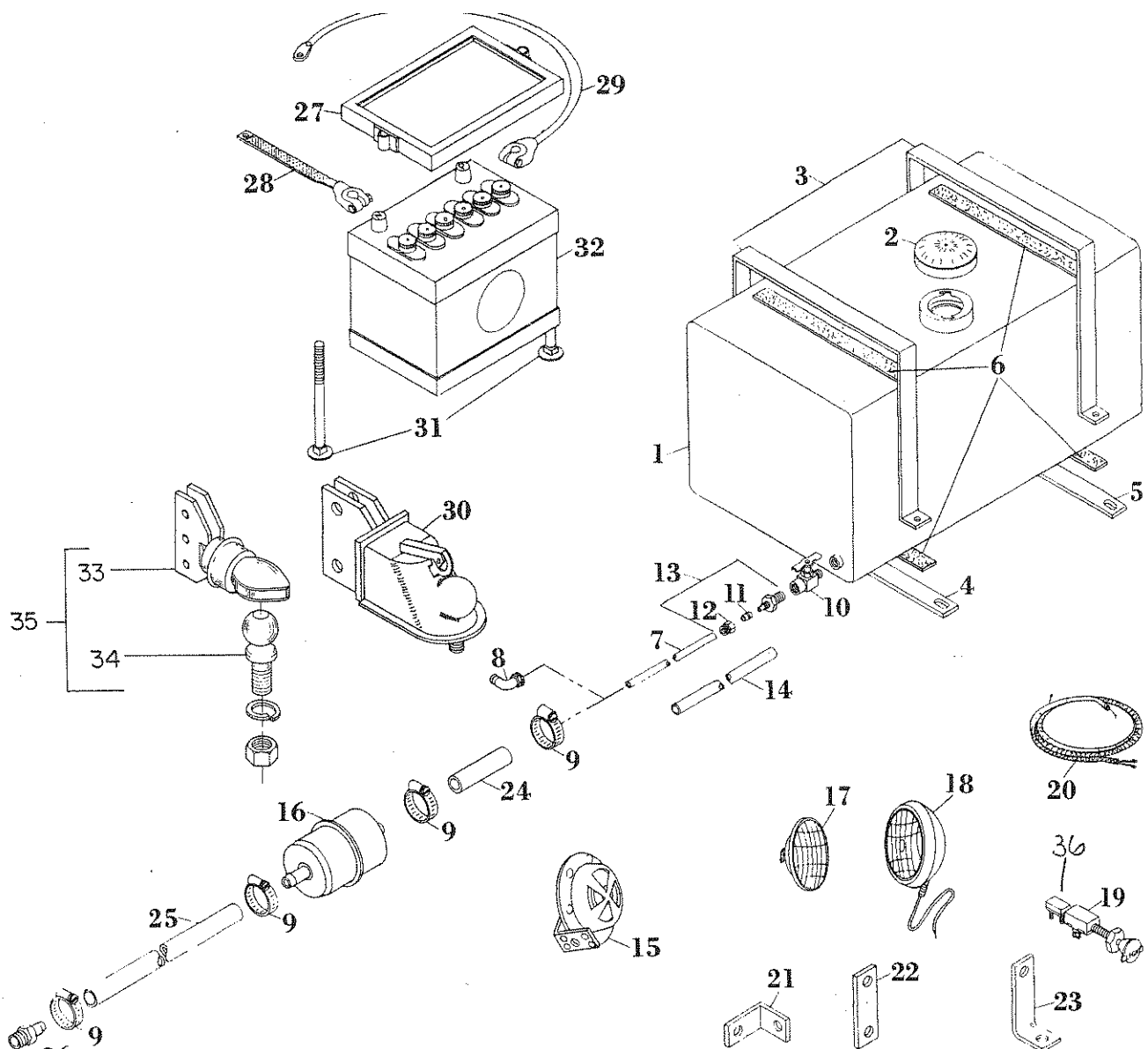
F1780 Gear box complete less sheave, 1000 rpm.

F 8065 Snap ring (thin)



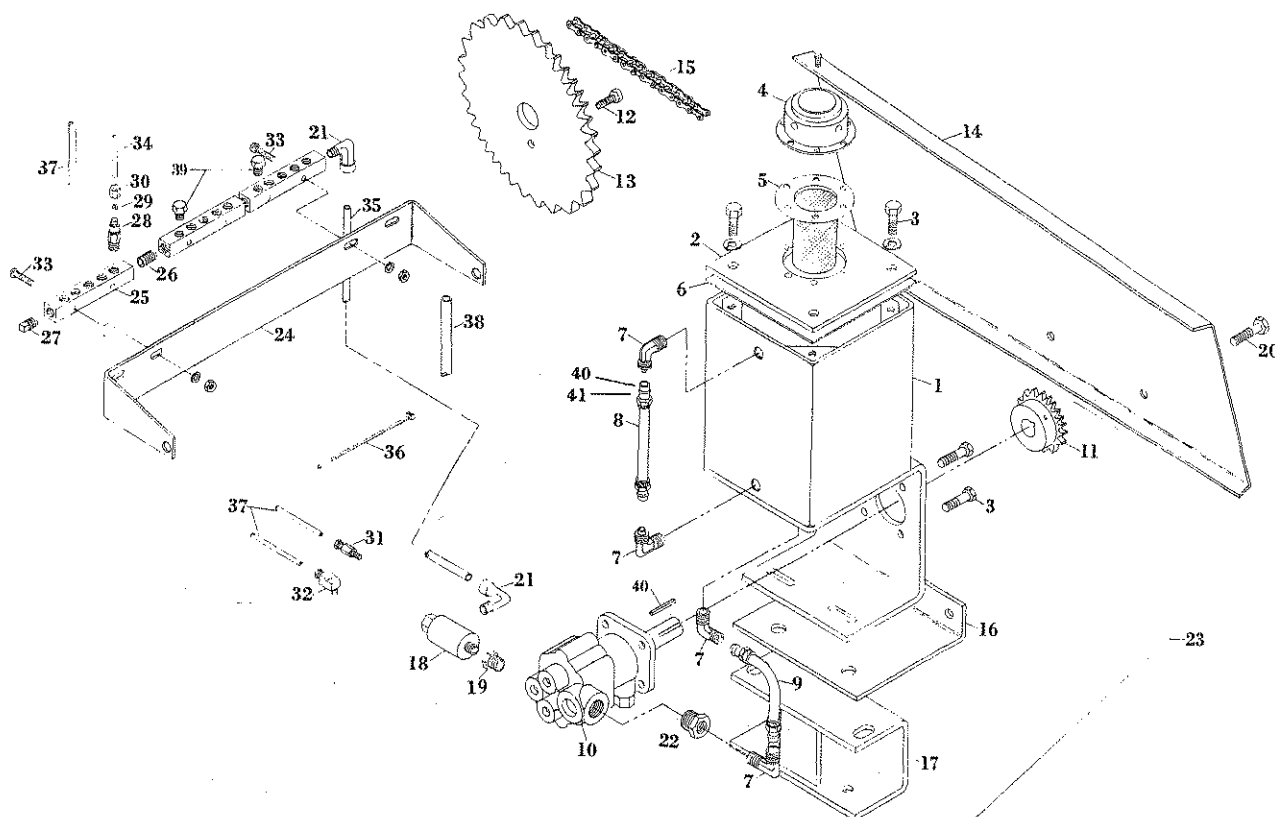
EXTRA ITEMS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F1699	Trailer hitch frame	8	F770	Freeman red baler paint, spray can
2	F736	Trailer hitch angle for clevis pin		F1677	Freeman white baler paint, spray can
3	F1697	Holland hitch for trailer hitch	9	F4193	Wire splicer
4	GAG2112 CAG 1765122	Hydraulic gauge	10	F1705	Muffler, VG4D, WD70 (not use with VG4D)
5	F1511	Oil filter cartridge 4 thread base (VH4D and VG4D)		F1706	Muffler, V465D, WD76 (not use with VG4D)
	F5922	Oil filter cartridge (V465D)	11	F8362	Wrench for 2" pivot shaft jam nut
6	F734	Trailer hitch frame with Holland hitch	12	F735	Trailer hitch frame with pin hitch
7	F649	Freeman red baler paint, 1 gal.	13	F7609	Quickset lubricant, 1 qt.
	F942	Freeman red baler paint, 1 qt.		F7626	Quickset lubricant, 1 gal.
	F1675	Freeman white baler paint, 1 gal.	Not Shown		
	F1676	Freeman white baler paint, 1 qt.	14	BKT7204	Air cleaner bracket, Wisc. Eng.



FUEL TANK, BATTERY AND LIGHTS

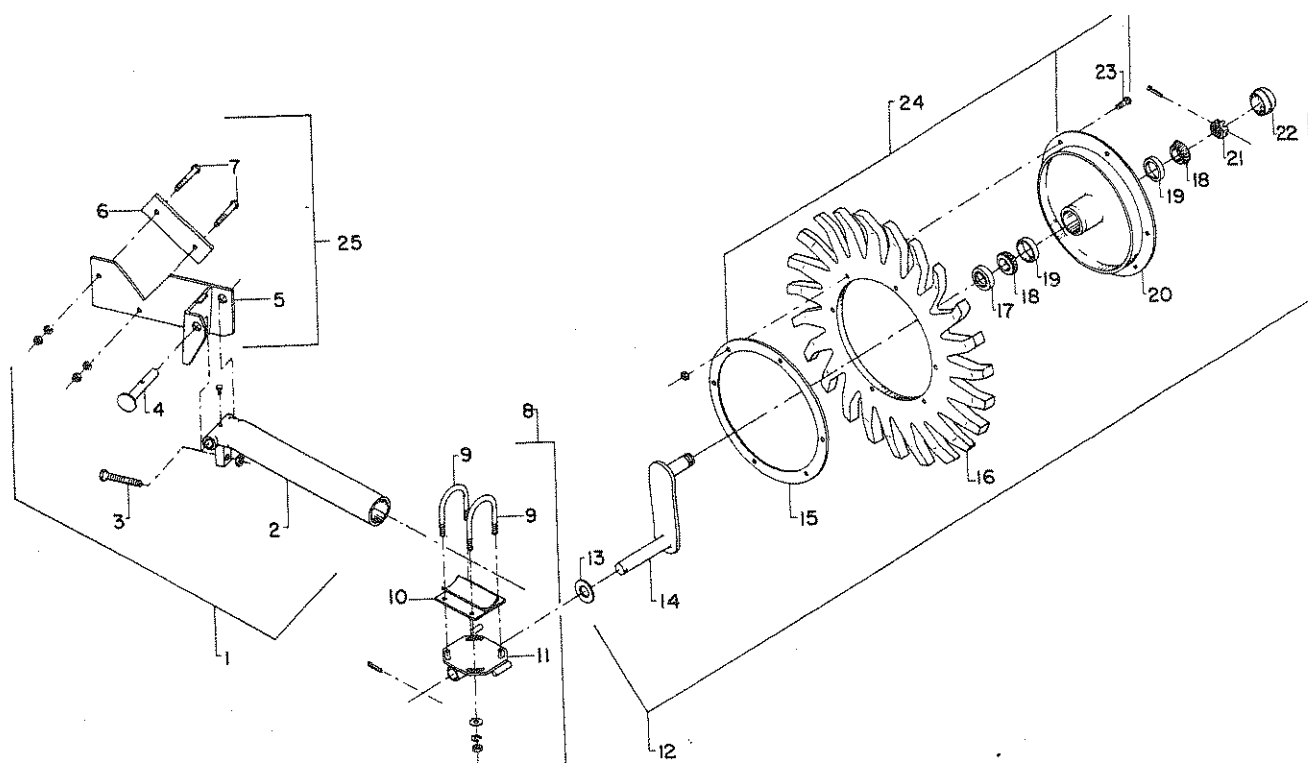
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	TNK11224	Fuel tank with cap TNK14573	19	F5842	Switch for light kit ELC 5065
2	F1689	Fuel tank cap for F1688	20	F8326	Wire harness, twine
3	F7046	Fuel tank strap, 2 used STR14647		F8327	Wire harness, wire
4	F8188	Fuel tank mounting bracket, front	21	F8061	Mounting bracket, front light
5	F8164	Fuel tank mounting bracket, rear	22	F8062	Mounting bracket, rear light
6	F893	Felt for tank straps - set of four	23	F6577	Mounting bracket, center light
7	F7049	Fuel line only, 62"	24	F8303	1/4" rubber gas line, 4", 19B
8	F5233	Elbow fitting for gas line, 269P-1/4" x 1/8", VH4D, VG4D	25	F8304	1/4" rubber gas line, 2", 19B
9	F8301	Hose clamp	26	F8305	1/4" male hose end, 1537 WH
10	VLV3110404	Shut off valve	27	F5499	Battery hold down bracket
11	F6126	Poly-sleeve, 260-P	28	F7742	Battery cable (ground) 12 volt
12	F6127	Nut & sleeve assembly, 261-P	29	F7743	Battery cable (insulated) 12 volt
13	F8190	Straight male connector, 268-P 1/4" x 1/4"	30	F1736	Ball hitch complete with ball
14	F8191	Fuel line cover		F1915	Ball hitch complete w/ball for PTO baler
15	F1497	Horn, wire alarm, 12 volt	31	F1691	Bolt for battery box, (3/8" x 9")
16	F8302	Fuel filter, 3031 NAPA	32	F1499	Battery, 12 volt
17	F5842	Sealed beam unit, 12 volt	33	HTH7562	Ball hitch only, bulldog
	F5941	Sealed beam unit, 12 volt (comb. red & clear)	34	HTH28400	Hitch ball only, bulldog
18	F8059	Light, front and center, 12 volt shock mounted	35	HTH7611	Ball hitch complete with ball, bulldog
	F8060	Light, rear combination, 12 volt shock mounted		F8063	Light kit, 12 volt, twine
				F8364	Light kit, 12 volt, wire
			36	ELC5530	30 AMP CIRCUIT BREAKER



NYL 125 1/8" NYL TUBING, PER FOOT
 NYL 250 1/4" NYL TUBING, PER FOOT
 AO 312 5/16" AUTO LOOM (COVER FOR NYL 250), PER FOOT
 SLV 1055 COVER FOR NYL 125, PER FOOT

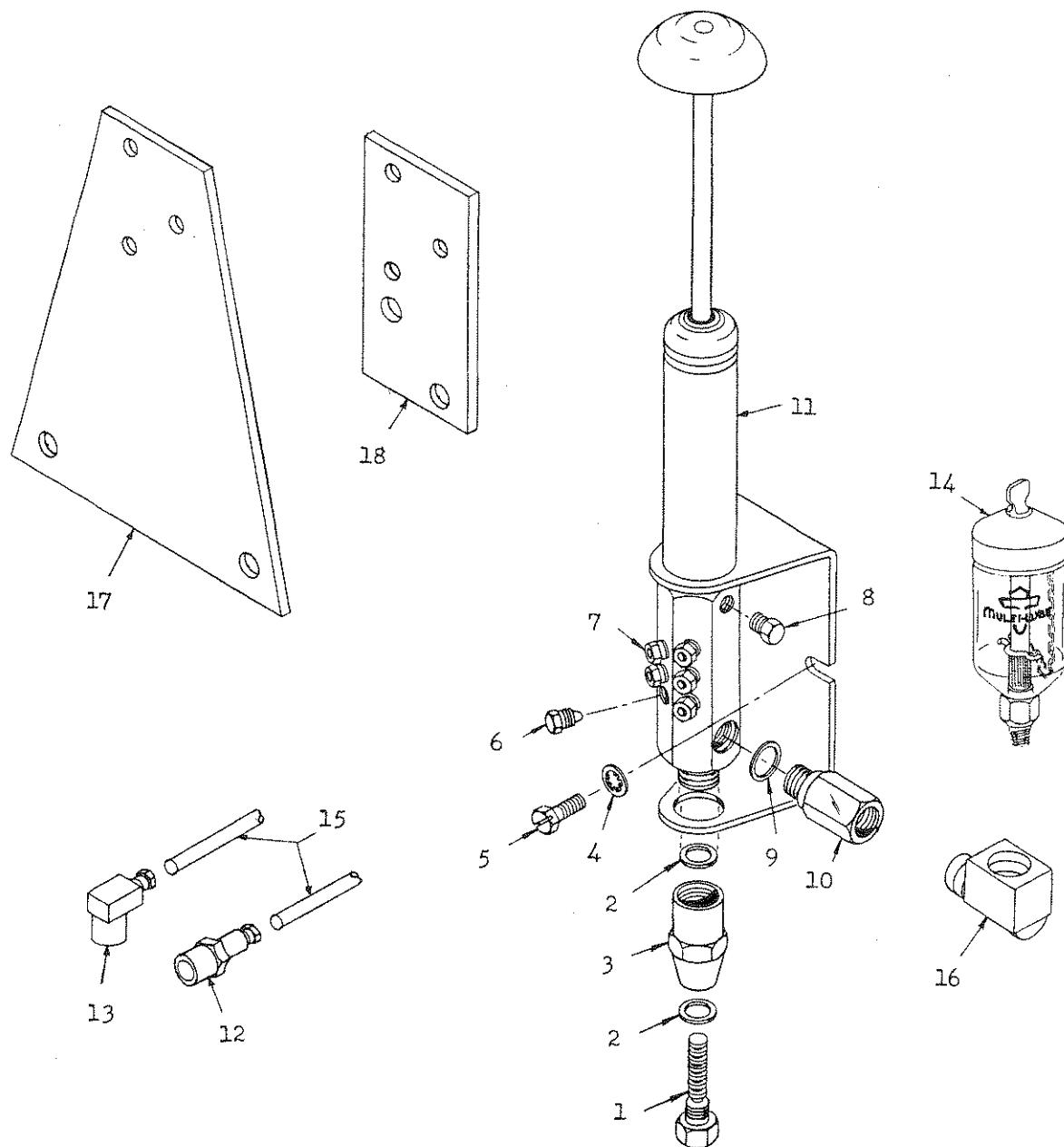
AUTOMATIC LUBER (Uses SAE 30 Motor Oil)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F8196	Luber tank & bracket	22	PPE0500250	1/2" x 1/4" reducer bushing
2	F8197	Tank cover	23	F8210	Luber tank and pump assembly
3	SCC0000202	5/16" x 1" N.C. cap screw	24	F8282	Luber manifold bracket
4	F6268	Filler cap	25	F8283	Manifold block, 4 used
5	F6267	Screen for tank filler	26	PPE0000125	1/8" NPT close nipple, 3 used
6	F8198	Gasket, cover to tank	27	PPE 20125	1/8" plug
7	F8209	3/8" x 1/4" male elbow, 269P	28	F8284	Valve, 18 used, 381726-3
8	F8199	Site gauge without fittings	29	F8285	Sleeve, 18 used, K328302-2
9	F8199	3/8" plastic tube	30	F8286	Nut, 18 used, K328301-2
10	F8200	Pump, Webster	31	F8287	Straight fitting, 4 used, 66714 Lincoln
11	F8201	Sprocket, 41B15 x 9/16"		F8306	Sleeve only, 66260 Lincoln
12	F8228	1/4" x 3/4" roll pin	32	F8288	90 degree fitting, 15 used, 66716 Lincoln
13	F8202	Sprocket, 41A40 x 1-3/8"		F8306	Sleeve only, 66260 Lincoln
14	F8376	Chain shield	33	SMR1031000	10-32 x 1" round head machine screw
15	F8204	Chain, 93 pitch, RC 41	34	F7400	1/8" nylon tubing, 3' per fitting
16	F8205	Chain shield bracket	35	F8289	1/4" nylon tube, 28"
17	F8206	Pump bracket	36	F8290	Nylon tie strap, 6 per head
18	F8207	Filter, 382050B1	37	F8291	Cover for 1/8" tubing, SLV 105-5, 26"
	F8208	Filter element	38	F8292	Cover for 1/4" tubing, SLV 105-1, 3' per fitting
19	01-736	3/8" x 1/8" reducer bushing	39	PPE 20125	1/8" pipe plug, 3 used
20	SCC0000201	5/16" x 3/4" N.C. cap screw, 2 used		F8211 KIT 156	Automatic luber complete for twine
21	F1441	90 degree elbow, 889L			knotters, 3 tie
	F8312	Sleeve for F1441	40	ZZ 403	1/8" x 1" key
			41	IMP26006	Sleeves
				IMP26106	Fitting



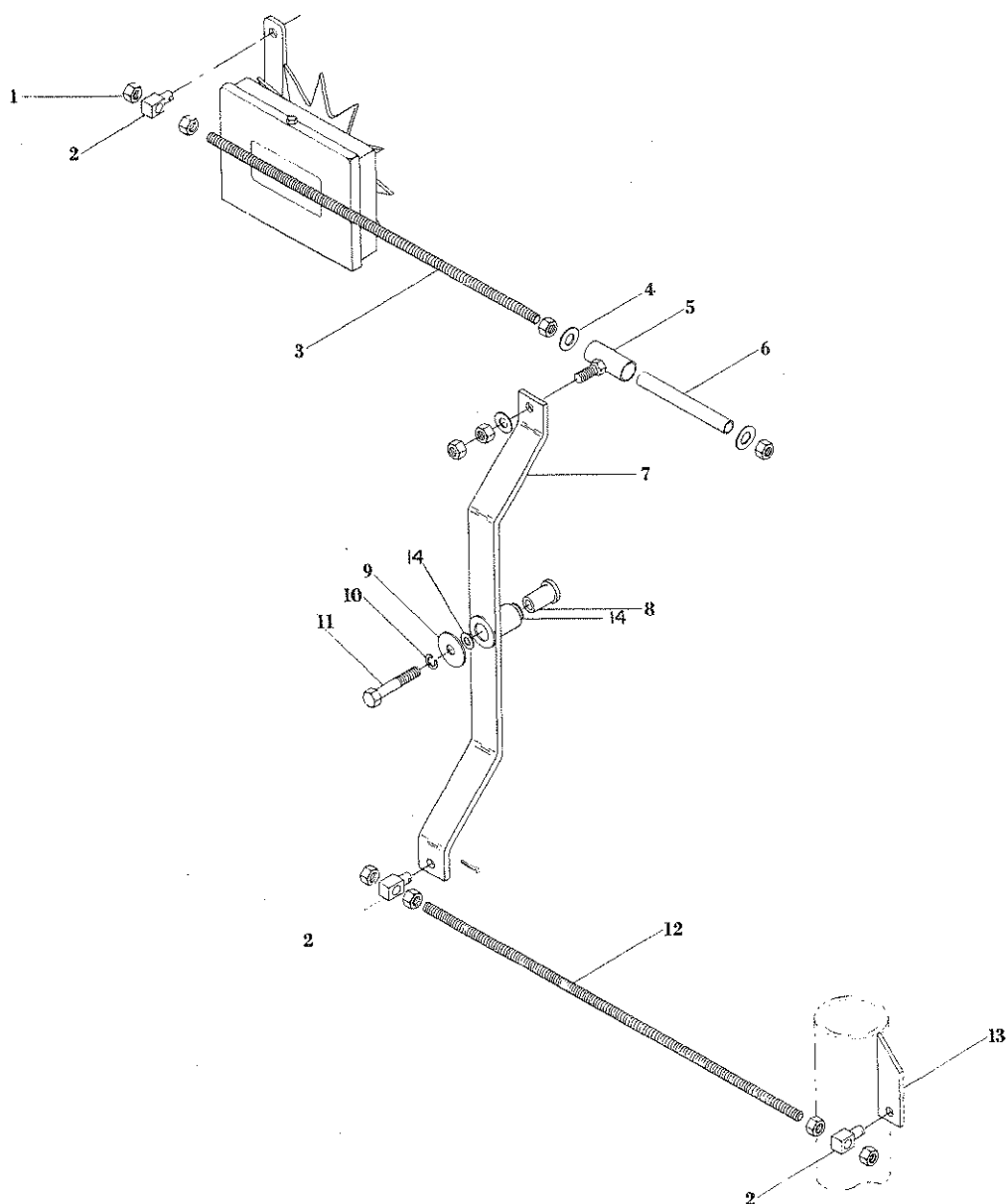
HAY SAVER WHEEL ASSEMBLY F 1893

REF. NO.	PART NO.	DESCRIPTION
1	F1894	Bracket and arm assembly
2	F1895	Arm w/bolt
3	F1896	Adjusting bolt, 5/8 x 3 1/2
4	F1897	Pivot pin
5	F1898	Bracket only
6	F1899	Spacer
7	SFC0000510	1/2" x 3" N.F. cap screw
8	F1900	Clamp assembly
9	F1901	U-bolt
10	F1902	Saddle
11	F1903	Rotary clamp plate
12	F1904	Wheel axle arm and disc assembly & ring
13	WCT0100000	1" flat washer
14	F1905	Wheel axle arm
15	F1906	Backup ring
16	F1907	Ring, 24 finger
17	F1908	Seal, 12124 CR
18	F1909	Bearing cone, L44643
19	F1654	Bearing cup, L44610
20	F1911	Wheel disc only
21	NEJ0040000	1" NF slotted jam nut NSL 10000
22	F1912	Hub cap, 34214 motor wheel
23	CRB3132500	5/16" x 1 1/2" carriage bolt
24	F1913	Wheel disc complete w/steel backup ring
25	F1914	Bracket w/pin and spacer



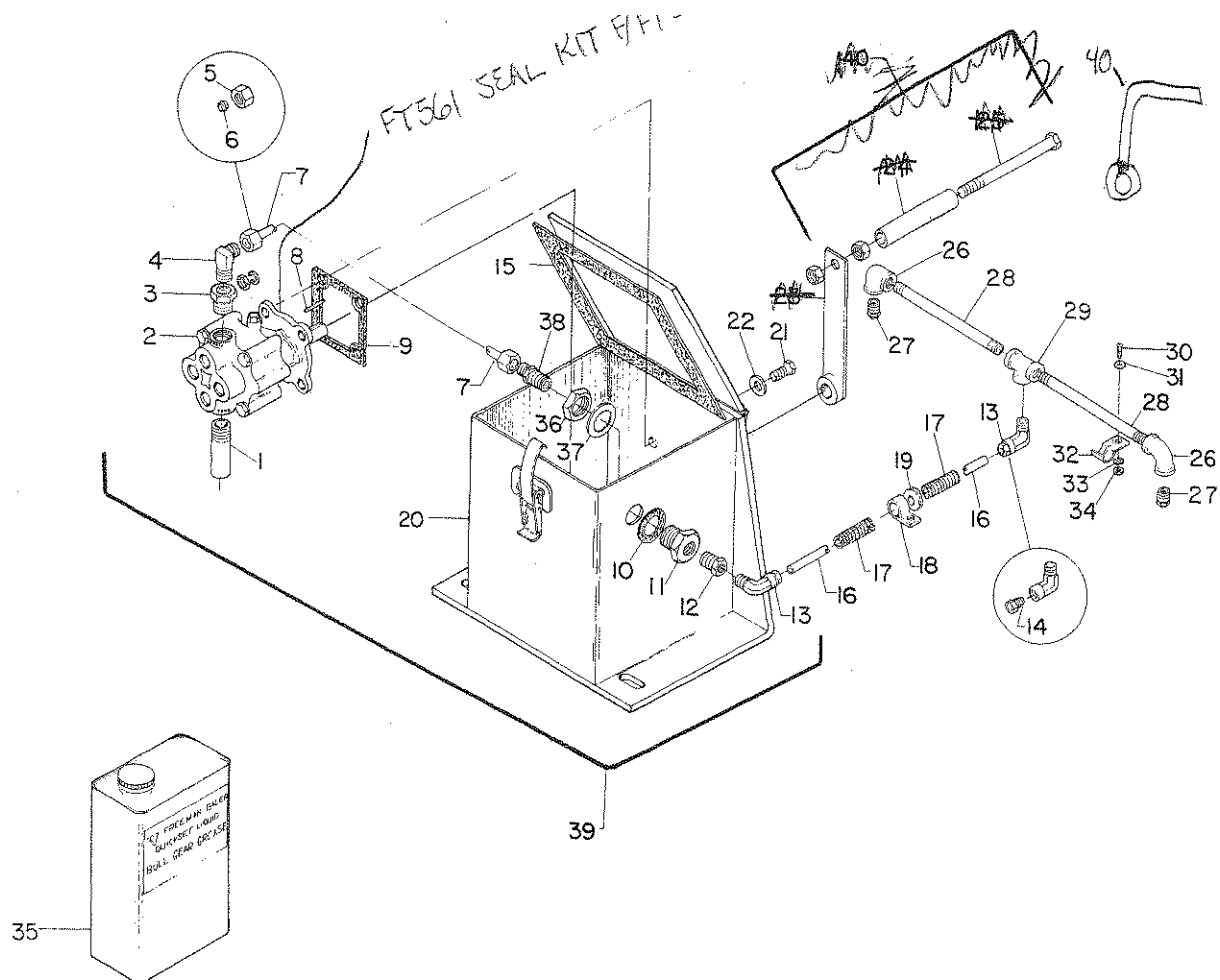
MULTI-LUBER CENTRALIZED LUBRICATION SYSTEM
(Uses SAE 140 Gear Oil)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F1760	Stop plug for Multi-luber	13	F1772	Coupler, 90° snap on for Multi-luber
2	F1761	Gasket for Multi-luber	14	F1773	Lubricant reservoir for Multi-luber
3	F1762	Cap for Multi-luber	15	F1770	Tubing, 1/8" L.P. Nylon, 60 ft. used
4	F1763	Lock washer for Multi-luber	16	F1782	Street elbow, 1/4"
5	F1764	Hex screw for Multi-luber	17	F1783	Mounting bracket for Multi-luber, twine
6	F1765	Plug for Multi-luber	18	F1784	Mounting bracket for Multi-luber, wire
7	F1766	Compression nut for Multi-luber			
8	F1767	Plug for Multi-luber			
9	F1768	Gasket for Multi-luber			
10	F1769	Adapter for Multi-luber			
11	F1774	Injector pump for Multi-luber, Ref. 1 - 10			
12	F1771	Coupler, straight snap on for Multi-luber			
				F1855	Multi-luber complete w/reservoir, 2 twine
				F1856	Multi-luber complete w/reservoir, 3 twine
				F1857	Multi-luber complete w/reservoir, 2 wire
				F1858	Multi-luber complete w/reservoir, 3 wire



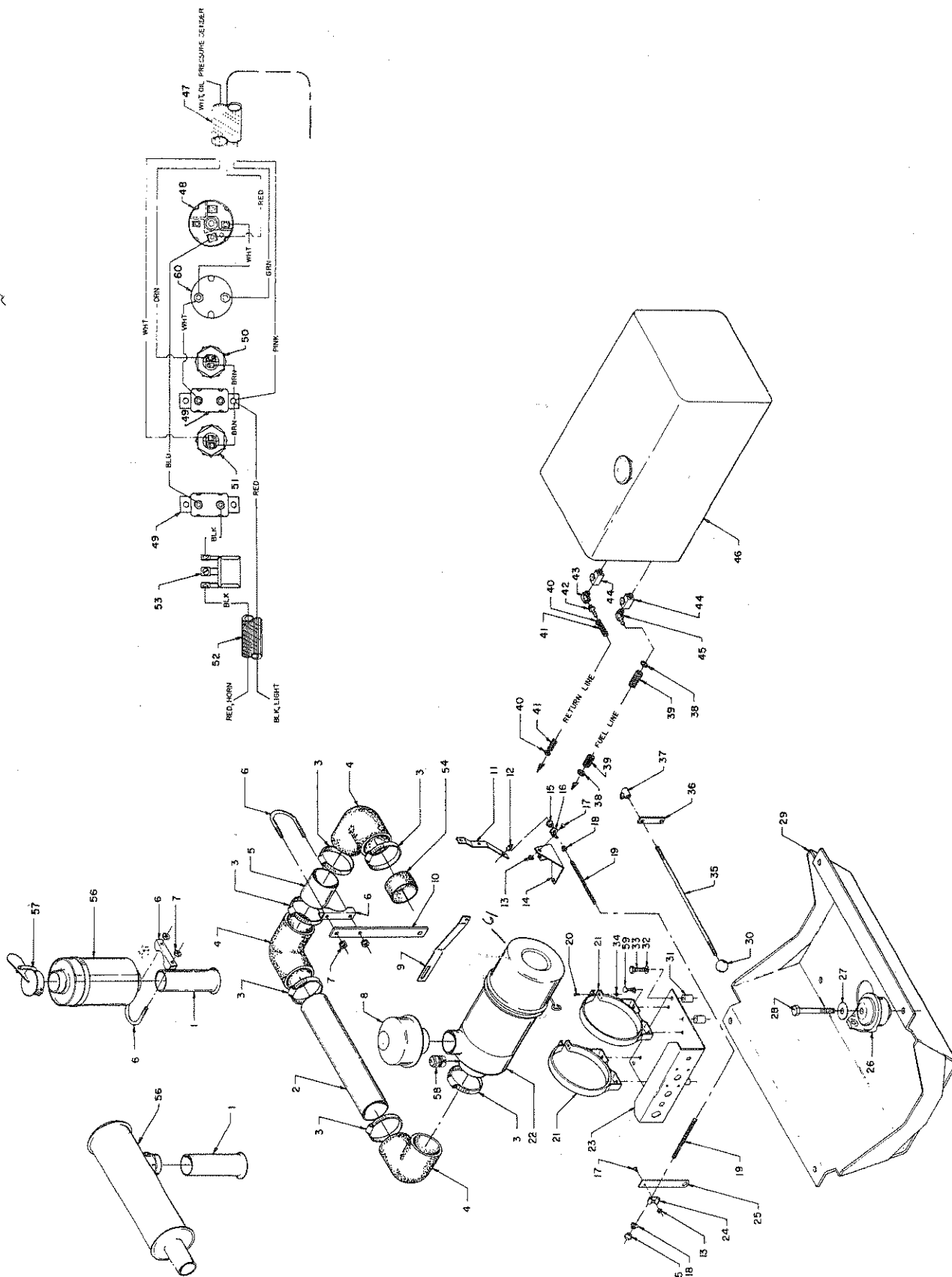
TENSION RELEASE KIT

REF. NO.	PART NO.	DESCRIPTION
1 NCH	NCE000375	3/8" N.C. nut, 10 used
2	F159	Link block, 3 used
3	FT239	Release rod
4	WCT0000375	3/8" flat washer, 3 used
5	FT244	Release rod guide
6	FT243	Release rod sleeve
7	FT240	Tension release lever with bushing and seals
8	F7585	Sleeve
9	F246	Washer
10	WLK0000375	3/8" lock washer
11	SCC0000309	3/8" x 2 3/4" N.C. cap screw
12	FT241	Operating rod
13	FT242	Operating lever
14	F7587	Seal, 2 used
	FT247	Tension release kit complete



BULL GEAR LUBER ASSEMBLY, LUB 7032

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PPE3752500	Pipe, 3/8" x 2 1/2"	21	SCC202	5/16" x 1" N.C. cap screw, 4 used
2	FT547	Pump, 22YB-012-2R Webster	22	FT 538	5/16" Copper washer
3	FT103	3/8" x 1/4" Reducer pipe bushing	23	CRA7443	Crank arm
4	F8227	1/4" - 90° male elbow, 69 x 4 x 4	24	CRA7459	Crank arm handle tube
5	HYD61020	Nut, 61 x 4	25	SCC315	Crank arm bolt, 3/8" x 4 1/2"
6	HYD60020	Sleeve, 60 x 4	26	FT171	1/8 street elbow, 3400 x 2
7	FT551	1/4" hydraulic tube, 3" long	27	LUB323060	1/8" pressure valves, 2 used
8	ZZ403	Key, 1/8" x 1/8" x 1"	28	PPE1250550	1/8" x 5-1/2" pipe nipple, 3 tie
9	FT548	Pump flange gasket		PPE1250350	1/8" x 3-1/2" pipe nipple, 2 tie
10	FT553	3/4" x 1" x 1/16" fiber washer, 5600-64-62 Seal Strom	29	PPE40125	1/8" pipe tee
11	FT549	Bulkhead fitting, W21204 WH	30	SMR1032050	10-32 x 1/2" RH machine screw, 2 used
12	F7418	1/4" x 1/8" reducer pipe bushing	31	WCT100	10-32 flat washer, 2 used
13	F1441	1/4" x 1/8" - 90° elbow, 889L Imp.	32	F7723	Jiffy clamp, No. 125, 2 used
14	F8312	Sleeve	33	WLK1000	10-32 Lock washer, 2 used
15	FT559	Tank cover gasket	34	NFH10320	10-32 nut, 2 used
16	NYL250	1/4" nylon tubing, 36 1/2 long PER FOOT	35	F7626	Quickset gear lubricant, 1 gal.
17	SLV1051	5/16" protective cover, 36 1/2 long PER FOOT	36	FT552	3/4" bulkhead nut, W21204
18	F5264	Hanger clamp, No. 4	37	WIS7500	3/4" internal star lock washer
19	F7735	Rubber Grommet	38	F8221	1/4" male connector, 68 x 44
20	LUB6789	Tank assembly	39	LUB7600	Bull gear power luber tank and pump assembly
			40	CRA7859	Crank assembly
				CRA13775	



FRONT MOUNT DEUTZ

1988 DEUTZ AIR CLEANER

C/O KIT

1-ELB 904028 - 4"x2 3/4" 90° ELB

1-ELB 903540 - 4"x3 1/2" 90° ELB

1-TBE 22328 - EXH TUBE 4"x20"

3-CLP 7051029 - 4" CLAMP

1-F6793 - 3" CLAMP

REF. NO.	PART NO.	DESCRIPTION
1	EXH11450	Exhaust pipe
2	EXH0030165	Exhaust pipe 3 x 16-1/2" long.
3	F6793	Hose clamp (6 used).
4	F6795	Rubber elbow, 3 ID.
5	EXH0003040	Exhaust pipe.
6	CLP35751	Muffler clamp. w/ NUTS & LOCKWASHERS
7	CLP35751	Nut & lock washer.
8	F6803	Breather cap.
9	DTZ6660	Alternator bracket.
10	BRC11290	Air tube brace.
11	DTZ6784	Throttle arm.
12	F5545	Swivel fastener.
13	NMS0000250	1/4" whiz nut.
14	DTZ6783	Mounting bracket, throttle control.
15	F5559	Beech nut.
16	F6088	Throttle bracket.
17	SCC0000100	1/4" x 1/2" UNC cap screw.
18	F5559	Beech nut.
19	CBL0018189	12 ft. throttle cable.
20	SMR 1008	Cap screw, 1/4" x 2-1/2" RH machine screw.
21	F6307	Air cleaner band.
22	ACL65104	Air cleaner complete.
23	DTZ13547	Deutz instrument panel.
24	CLP0000132	Clamp.
25	F7013	Throttle cable clamp bracket.
26	DTZ7382	Motor mount complete (4 used).
	DTZ2240712	Foot only.
27	WCT0005000	1/2" flat washer (4 used).
28	SMS15030	10mm x 30mm cap screw (4 used).
29	DTZ11287	Belly pan, Deutz.
30	F5554	Knob.
31	SPC11291	Spacer (4 used).
32	WAS1020806	10mm lock washer (4 used).
33	SCC0000101	Cap screw (4 used).
34	NCE 25D	1/4 Esna (2 used).
35	ROD11293	Shut off control rod.
36	DTZ6785	Shut off control mount.
37	F5207	Ball joint 1/4" NF.
38	F8301	Clamp (2 used).
39	DTZ0007680	Fuel line, 10' length.
40	CLP7051170	Clamp (2 used).
41	DTZ0007681	Return line.
42	F8305	Male hose end.
43	HYD9400020	90° street elbow. HYD 1069022
44	VLV3110404	Shut off valve (2 used). VLV 3120404
45	HYD0001571	90° elbow.
46	TNK11224 14573	Tank.
47	HRN11281	Engine harness. (HRN13837 after ser. No. 35291)
48	DTZ1172380	Key switch.
49	ELC0005530	30 amp. circuit breaker (2 used).
50	LIT 3388047	Light. - RED - OIL PRESSURE
51	LIT 3388049	Light. - GREEN - BATTERY
52	HRN11280	Light harness.
53	ELC0005065	Light switch.
54	DPT0003010	Rubber adapter.
55	ALT0005512	Alternator.
56	DTZ0000524	Spark arrestor.
57	EXH0010008	Cap.
58	RBX002252	Filter signal.
59	SLC 20002	Cap screw.
60	DTZ 1946097	Push button.
61	ACL 102305	END CAP F/AIR CLEANER
Belts used:		
	BLT3410	Alternator belt.
	F7000	Drive belt.

Listed but not shown:

F7699

BRC11288

BRC11289

BKT11271

ACL0119538

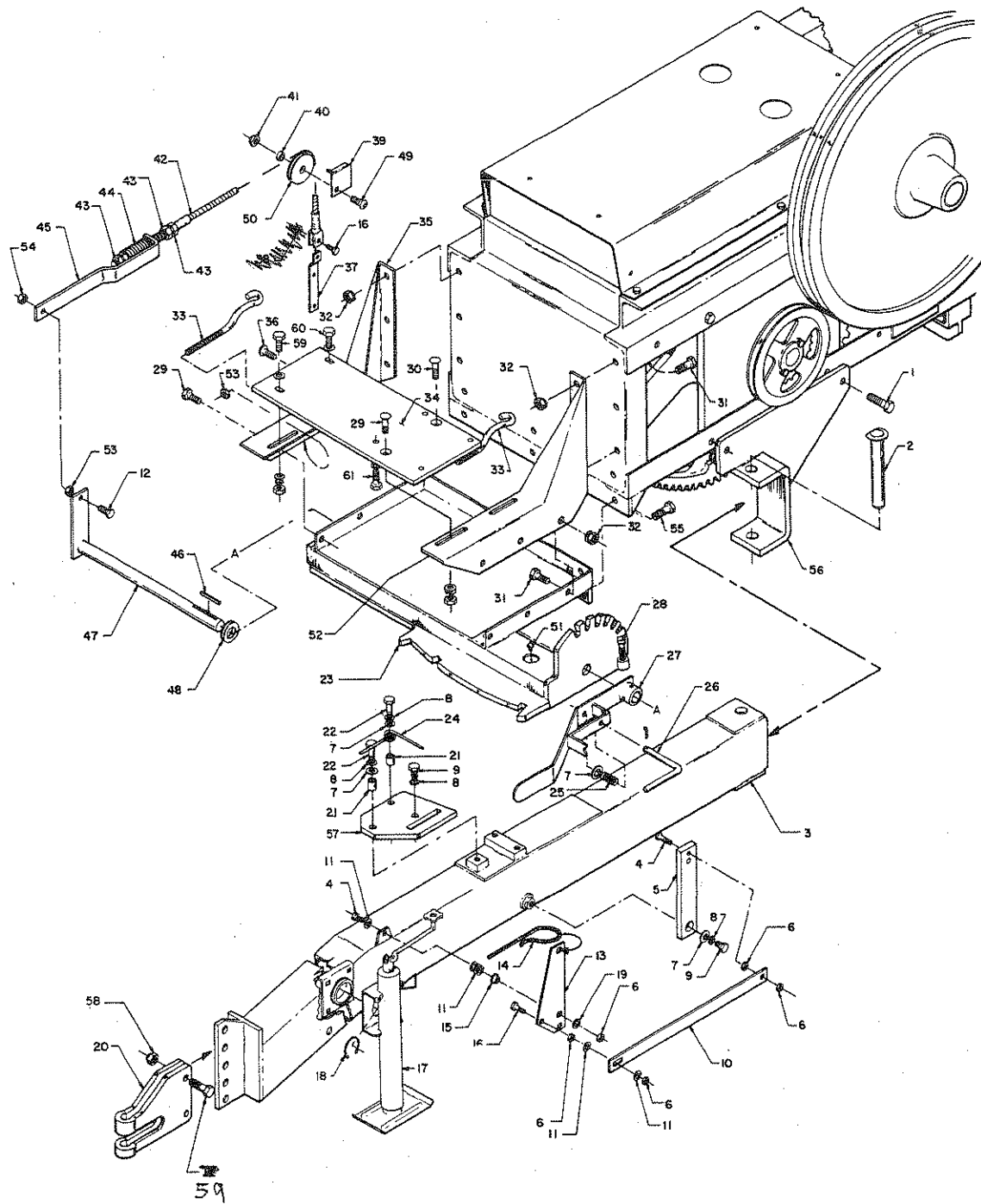
Drive Sheave.

Front brace.

Rear brace.

Drive belt shield bracket.

Filter Element

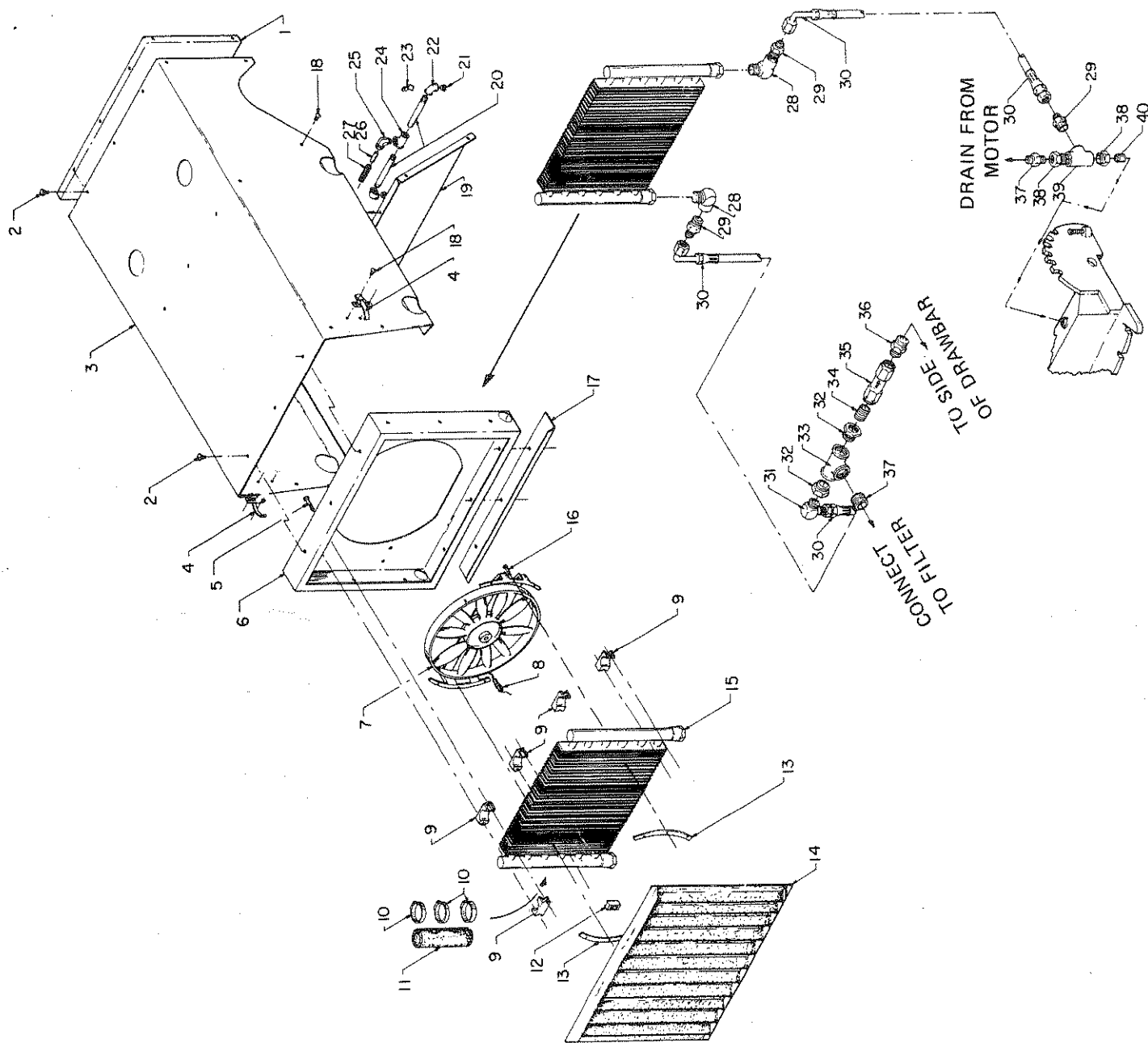


330 PTO DRAWBAR ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	SCC0000707	5/8" x 2-1/4" UNC cap screw
2	PIN11230	Tongue pivot pin
3	DRB11472	Drawbar
4	SCC0000305	3/8" x 1-3/4" UNC cap screw
5	LTH11229	Tongue latch plate
6	NCH0003750	3/8 UNC hex nut
7	WCT0005000	1/2" flat washer, 3 used
8	WLK0000500	1/2" lock washer, 4 used
9	SCC0000501	1/2" x 3/4" NC cap screw
10	LTH11231	Tongue latch link
11	WCT0003750	3/8" flat washer, 4 used
12	SCC0000503	1/2" x 1-1/4" NC
13	LEV11232	Tongue latch lever
14	F7005	Rope
15	F440	Ferrule
16	SCC0000303	3/8" x 1-1/4" NC cap screw
17	F1833 JCK 158	Jack
18	F1834	Snap ring
19	SCC0000708	5/8" x 2-1/2" UNC cap screw, 2 used WCT 375 3/8 FW
20	F183	Front end hitch
21	F7507	Bushing, 2 used BSH 11985
22	SCC0000506	1/2" x 2" NC cap screw, 2 used
23	HTH11264	Hitch base assembly
24	F1891	Spring
25	F7541	Spring
26	F7540	Adjusting pin
27	F7539	Pickup lift lever
28	F73	1/2" x 4" square head set screw
29	PWB5001500	1/2" x 1-1/2" #3 plow bolt
30	PWB5002000	1/2" x 2" #3 plow bolt
31	SFC0050003	1/2" NF cap screw, 14 used
32	NFH0005000	1/2" NF cap screw with lock washers, 17 used
	WLK0000500	
33	F7010	Engine adjusting bolt, 2 used
34	MNT11941	Gear box mount plate
35	MNT13129	R.H. gear box mount
36	SBH0000503	1/2" x 1-1/4" button head bolt
37	F7194	Pickup lift bracket
38	NFE0003764	3/8" lock nut
39	F7500 SHD 14244	Sheave clip, pickup lift roller
40	F8193	Bushing
41	NFE0005000	1/2" lock nut
42	F7565	Pickup lift cable with ends
43	NCF 0007500	3/4" NF jam nuts, 4 used
44	F7003	Spring
45	F7567	Cable connecting link for cushion spring
46	F122	1/4" x 1/4" x 2-1/2" key
47	F7538	Pickup lift lever cross rod
48	F8247	Washer 1-1/8" x 3"
49	SBH000503	1/2" x 1-1/4" NC button head
50	F8192	Cable pulley
51	ZZ100	Zerk 1/4"
52	MNT11983	L.H. gear box mount
53	NCH0000500	1/2" NC nut, 3 used
54	NCJ0000500	Jam nut 1/2" NC NF
55	SCC0000505	1/2" x 1-3/4" UNC cap screw SFC 50005
56	BKT11255	Pivot pin bracket
57	PLT11228	Latch plate
58	NCE0006250	5/8" UNC Lock nut
59	SCC0000504	1/2" cap screw, w/lock x 2
	WLK0000500	washer & nut, 2 used
60	SCC0000508	1/2" x 2-1/2" UNC cap screw
61	SCC0000708	5/8" x 1-1/2" UNC cap screw (4 used)
	WLK 625	5/8" spring lock washer (4 used)

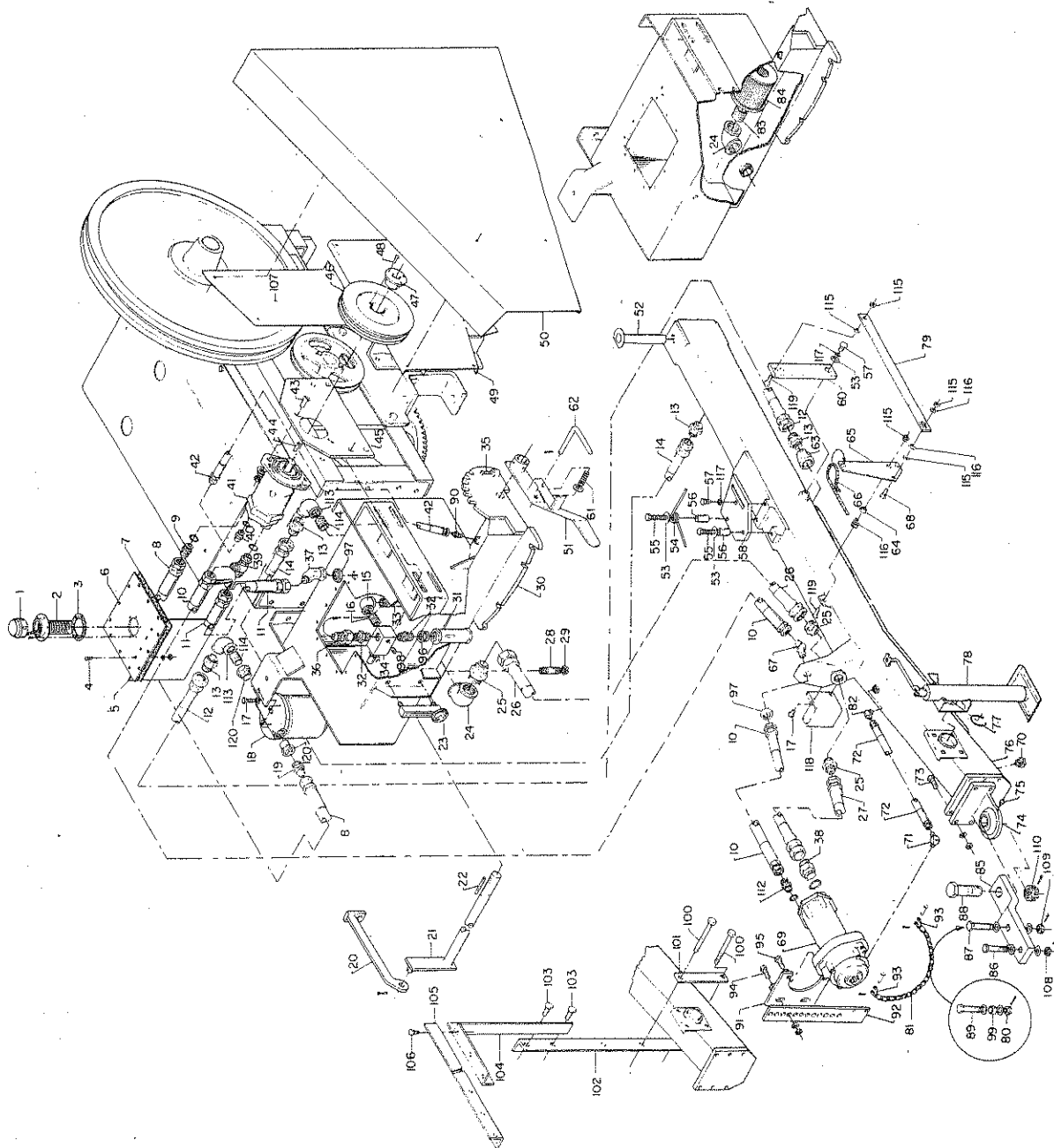
Listed, but not shown

F8329 Bracket for control box, stand



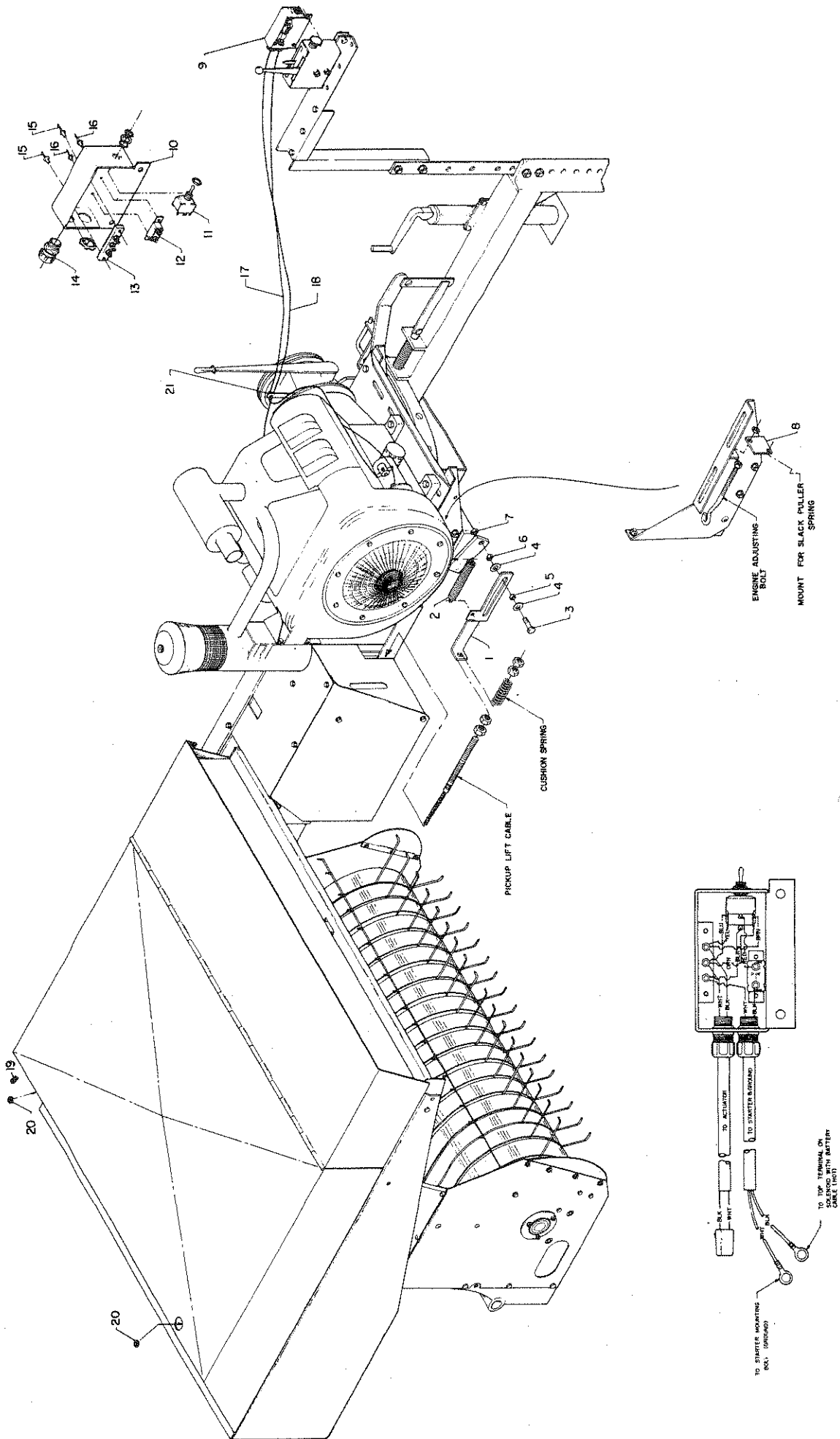
OIL COOLER KIT 0000182 HYDRAULIC PTO DRIVE

REF. NO.	PART NO.	DESCRIPTION
1	SHD9773	Back shield, Bull gear shield.
2	SCC0000100	1/4" x 1/2" UNC cap screw w/lock washer & nut (14 used).
	NCH0000250	1/4 NC HEX NUT
	WLK0000250	1/4 LOCK WASHER
3	SHD9771	Bull gear shield center section.
4	CLP0000130	Latch (2 used).
5	SCC0000107	1/4" x 2-1/4" UNC cap screw (8 used) w/lock washer & nut.
6	SHD9769	Radiator - shroud SHR 15624
7	FAN0000010	Flex-a-lit Ele fan. (Motor only, MTR0031124)
8		Fuse.
9	F6623	Oil cooler clamp, 2 piece, 4 set used.
10	CLP7361407	Hose clamp (3 used).
11	HOS0000631	Hose. CUT IN HALF LENGTHWISE
12	SWI 5080	Manual switch, 33004 flex-a-lit.
13	NO P/N	Mounting bracket pads 32003 flex-a-lit. COMES ONLY W/FAN KIT
14	GRL0009875	Grill.
15	F0006263	Oil Cooler
16	SMS1024030	Hex head screw (10/24 x 3") 4 used.
17	SUP9777	Grill support.
18	SBH0000101	1/4" x 3/4" button head screw (8 used).
19	SHD9774	Bull gear baffle plate.
20	PPE1250500	1/8" x 5 pipe nipple.
21	LUB323060	1/8" pressure valve (2 used).
22	FT171	1/8" street elbow.
23	F7723 F5264	Jiffy clamp (2 used).
	WLK1000	10/32 washer (2 used).
	NPH10320	10/32 nut (2 used).
	WCT100	10/32 flat washer (2 used).
	SMR1032050	10/32 x 1/2 R.H. machine screw (2 used).
24	PPE40125	1/8 pipe tee.
25	F1441	90° elbow.
26	NYL000250	Nylon tubing.
27	AO0000312	5/16" protective cover.
28	HYD3409060	3409 x 12 90° elbow (2 used).
29	HYD5205056	5205 x 10 x 12 male connector (2 used).
30	HOS9784	Hydraulic hose.
31	F6682	C5405 x 10 x 12 90° elbow.
32	PPE1007500	Bushing (2 used).
33	HYD3709070	C3709 x 16 tee.
34	PPE750	3/4 pipe nipple.
35	VLV0075005	3/4 check valve.
36	HYD5205076	C5205 x 16 x 12 male connector.
37	HYD5205044	C5205 x 8 x 8 male connector
38	HYD3220054	3220 x 12 x 8 bushing (2 used).
39	HYD3709060	3/4 tee.
40	F0003148	1/2 close nipple.
	MNT0011660	Switch mount.
	SCC0000115	NGHTCS 1/4 to 1/2
	SWP 13947	OIL COOLER SIDE SUPPORT



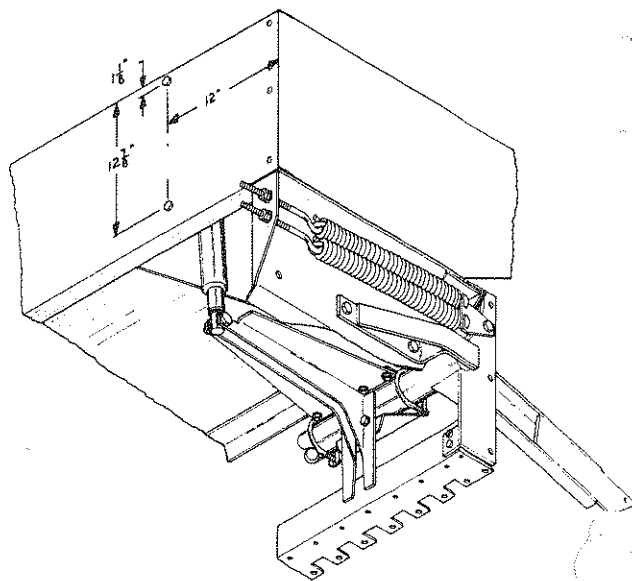
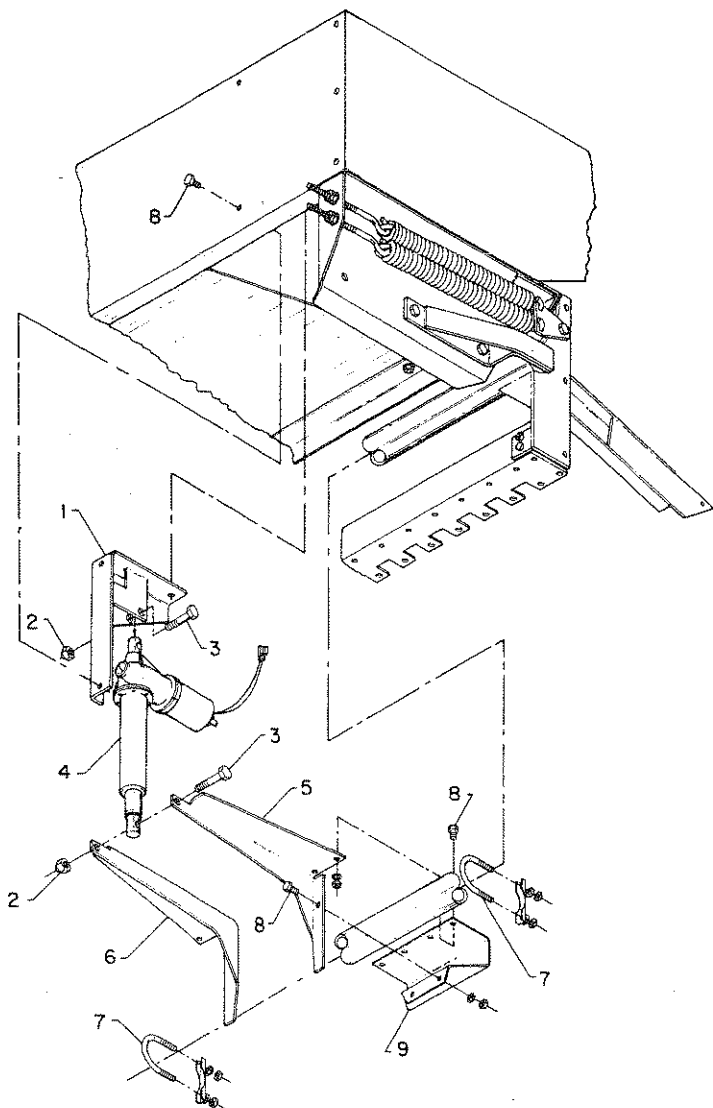
HYDRAULIC P.T.O.

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F6268	Filler Cap	61	F7541	Spring
2	F6267	Screen	62	F7540	Pickup lift lever adjusting pin
3	F6267	Gasket, 2 used	63	PPE1251000	1-1/4" x 1" standard black bell reducer
4	SBH0000301	3/8" x 3/4" N.C. button head cap screw	64	F440	Ferrule
5	TNK6703	Tank baffle	65	LEV11232	Tongue latch lever
6	TNK6759	Tank cover, 5/16" N.C. cap screw	66	F7005	Rope
		w/lock washer, 12 used	67	HYD5375060	3/4" x 3/4" 45° JIC elbow
7	GSK8337	Gasket, tank cover	68	SCC0000303	3/8" x 1-1/4" N.C. cap screw, 2 used
8	HOS6922	3/4" hydraulic return hose, 36"	69	PMP77021	Pump assembly (used after April 1978)
9	HYD5315060	"O" ring JIC connector, C5315 x 12WH		CE77020AA	Gear box only
10	HOS6914	3/4" hydraulic high pressure hose, 42", 2 used		CEX73408LA	Pump only
				CE77001900	Seal kit
11	HOS6915	3/4" hydraulic high pressure hose, 36"	70	PLU0000112	3/4" NPT plug
12	HOS9816	Suction Hose 48"	71	HYD5515043	90° JIC elbow
13	HYD5205070	JIC male connector, 4 used	72	HOS7723	1/2" hydraulic drain hose, 54"
14	HOS9815	Suction Hose 38"	73	SCC0000506	1/2" x 2" N.C. cap screw, 4 used
15	PPE75900	3/4" x 90° standard black elbow	74	HTH6675	Ball joint hitch
16	PPE750	3/4" x close standard black nipple	75	ZZ0000100	Zerk, 1/4" - 28 straight
17	SCC0000402	7/16" x 1" N.C. cap screw, 3 used	76	DRB11451	Drawbar
18	FIL62410	Oil filter, 62400 AAF Cessna	77	F1834	Snap ring
	F1878	Filter element only	78	F1833	Swinging jack
	FIL002554	New filter element K23018 after 5-80		F1831	Thrust bearing
19	F6675	3/4" x 1/1" JIC male connector, C5205 x 12 x 16 WH		F1839	Lock pin assembly
20	PLF6672	Lift cable connecting link	79 LTH	LTFF11231	Latch link
21	PLF772801	Pickup lift lever cross rod, 2 tie	80	NFC0007500	3/4" N.F. castle nut
	PLF772800	Pickup lift lever cross rod, 3 tie	81	CHN20000	Passing link chain, 2/0-24"
22	ZZ427	1/4" x 1/4" x 1-5/8" key	82	01-434	1/2" x 45° JIC male elbow
23	GAG64051	Sight gage and thermometer	83	PPE1500	1-1/2" x close standard black nipple
24	PPE150900	1-1/2" x 90° standard black elbow, 2 used	84	FIL5524	Oil strainer, SR55SF24A MFP
25	HYD5205090	JIC male connector, 3 used	85	DRB6669	Drawbar extension
26	HOS9778	Hose 43"	86	SMS7724	5/8" x 3-1/2" N.F. cap screw
27	HOS9779	Hose 39"	87	SMS7725	1" x 3-1/2" N.F. cap screw
28	PPE7500200	3/4" x 2" standard black nipple	88	SMS7726	1-3/8" x 4-1/2" N.F. cap screw
29	PPE75	3/4" black pipe cap	89	SMS7727	3/4" x 3-1/2" N.F. cap screw
30	TNK67601	Hydraulic tank assembly, 2 tie	90	HYD5205049	1/2" straight JIC male connector, C5205 x 8 x 8 WH
	TNK67600	Hydraulic tank assembly, 3 tie	91	BKT6715	Pump mounting bracket
31	VLV0000453	Check valve, 453-1S2-6, Teledyne	92	ARM7155	Pump torque arm
32	HYD3069060	3/4" hex nipple, C3069 x 12 WH, 2 used	93	06-108	3/16" clevis, SWL1/3T (after 2-81 SHK000213, 1/4" clevis)
33	PPE7500600	3/4" x 6" standard black nipple	94	SCC0000504	1/2" x 1-1/2" N.C. cap screw
34	VLV0000001	Relief valve, 5000 psi, RPQC-QCN-CED	95	SCC0000506	1/2" x 2" N.C. cap screw
		Sun	96	PPE1007500	3/4" x 1" HEX bushing
35	F73	1/2" x 4" square head set screw	97	HYD5924060	3/4" JIC bulkhead, C5924 x 12 WH
36	HYD5275060	3/4" female bulkhead connector, C5275 x 12 WH	98	PPE20250	1/4" black pipe plug
37	HYD5356100	3/4" x 45° JIC swivel elbow, C5356 x 12 WH	99	BRG121616	Inner race, 3/4" x 1" x 1"
38	HYD6400098	"O" ring JIC male connector	100	SCC 50017	1/2" x 5-1/2" N.C. cap screw
39	HYD5716060	3/4" "O" ring, JIC run tee, C5716 x 12 WH	101	STN11684	Clamp bar
40	HYD53150-43	1/2" "O" ring, JIC connector, C5314 x 8 x 6 WH	102	STN7650	Leg, standard
41	MTR 74418	Hydraulic motor, 74418 DAH Cessna	103	SCC 50004	1/2" x 1 1/2" N.C. cap screw, 2 used
42	HOS7722	1/2" hydraulic drain line hose, 44"	104	STN4941	Standard only Tension Control
43	F228	1/2" x 1-1/2" flat head machine screw, 2 used	105	STN7652	Mounting base angle
44	ZZ428	Key, 5/16" x 5/16" x 1"	106	SCC 30002	3/8" x 1" N.C. cap screw, 2 used
45	BKT6574	Motor mount plate, 1/2" x 1-3/4" N.C. cap screw, with flat washer and lock washer, 4 used	107	BKT6722	Brace, drive belt shield
			108	NFC6250	5/8" N.F. castle nut
46	PUL6630	Sheave, 10"	109	NFC10000	1" N.F. castle nut
	PUL7977	Sheave, 9-1/2" (after April, 1978)	110	NFC13750	1-3/8" N.F. castle nut
47	BSH1001125	Taper bushing, P1-1-1/8"	111	HYD6616	1-1/4" x 1-1/2" hose nipple
48	SCC0000202	5/16" x 1" N.C. cap screw, 3 used	112	HYD5315067	"O" ring JIC, connector
49	BKT6727	Bracket, drive belt shield		HYD0003912	"O" ring only
50	SHD0639710	Drive belt shield	113	PPE0100900	1" x 90° standard black elbow
51	F7539	Pickup lift lever	114	PPE0001000	1" close standard black nipple
52	PIN11230	Drawbar pivot pin	115	NCH0000375	3/8" UNC nut
53	WCT00005000	1/2" flat washer	116	WCT00003750	3/8" flat washer, 3 used
54	F1891	Spring	117	WLK0000500	1/2 lock washer
55	SCC00000505	1/2" x 1-3/4" N.C. cap screw, 2 used	118	STN11260	Pump stand bracket stand
56	BSH 11985	Steel Bushing, 5/8" x 1/8" long	119	SCC0000201	5/16" x 3/4" UNC cap screw w/lock washer
57	SCC0000501	1/2" x 3/4" N.C. cap screw		SCC 30005	3/8 x 1 1/4 N.C. HT CS
58	PLT6639	Latch plate		WLK00003425 375	
59	SCC0000305	3/8" x 1-3/4" N.C. cap screw		NCH00003425 375	
60	LTH11229	Latch lever	120	SCC0000305	3/8 x 1 1/4 UNC cap screw
				PPE 1251001	1/4 x 1 PIPE BUSHING
					Listed, but not shown
				KIT0010005	Filter assembly



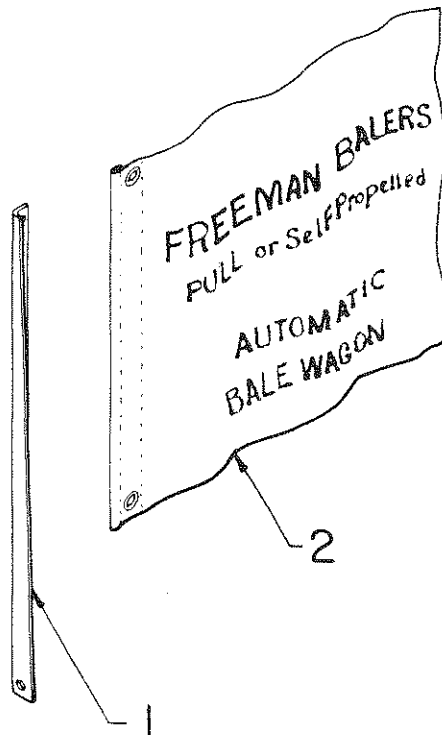
ELECTRIC PICKUP LIFT - Kit 148

REF. NO.	PART NO.	DESCRIPTION
1	BKT8288	Lift cable bracket
2	F1517	Slack puller spring
3	SCC0050006	1/2" x 2" UNC cap screw
4	WCT0000500	1/2" Flat washer (2 used)
5	BSH0000088	Bushing IR88
6	NCH0000500	1/2" UNC hex nut
7	NCJ0000500	1/2" UNC hex jam nut
8	ANC8289	Spring anchor
9	BOX0000100	Electric pickup lift box complete Less wires
10	BOX8202	Control box (only)
11	ELC0005025	Switch
12	F6843	Circuit breaker
13	03-159	Terminal block
14	03-177	Cable connector (2 used)
	NMS0000150	Conduit lock nuts (2 used)
15	RIV0000107	Pop rivets (2 used)
16	RIV0000108	Pop rivets (2 used)
17	ELC8296	Electric cable assembly, control box to starter
18	ELC8297	Electric cable assembly, control box to actuator
19	CLP7701152	Wire clamp, insulated (3 used)
20	GRM0002285	Grommet (2 used)
21	CLP0000117	Vinyl wire clamp, insulated



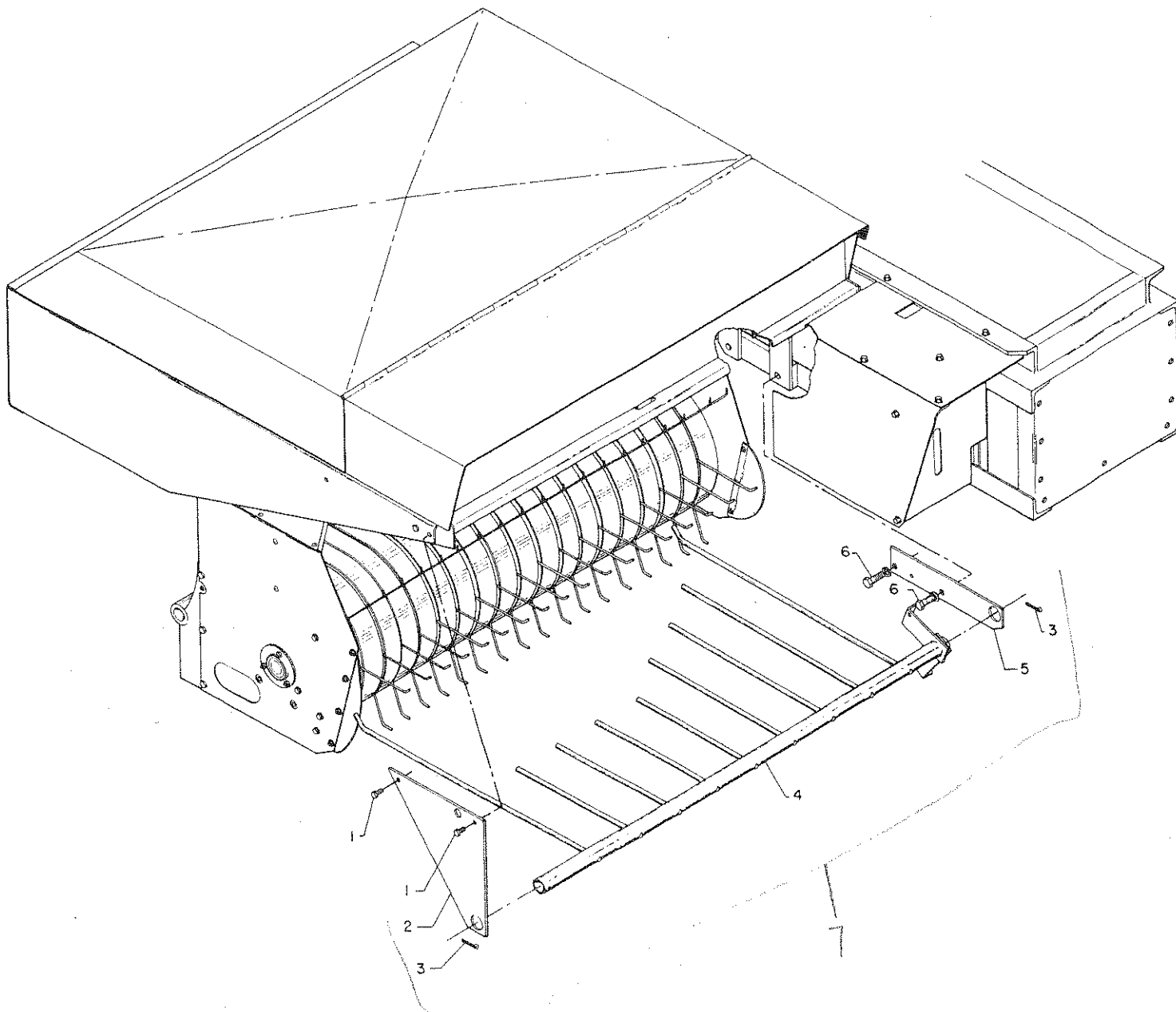
ELECTRIC PICKUP LIFT - Kit 148

REF. NO.	PART NO.	DESCRIPTION
1	PLF-8205	Anchor bracket
2	NCE000500	1/2" UNC ESNA nut, (2 used)
3	SCC000508	1/2" x 2-1/2" UNC cap screw (2 used)
4	ACT-7102001	Actuator, DC-7A
5	PLF-8207-1	Right hand anchor bracket
6	PLF-82070	Left hand anchor bracket
7	F-6804	Clamp, (2 used)
8	SMS0000177	5/16" whiz bolt & nuts
9	PLF-8206	Lift arm bracket
	NMS 117	5/16 NC WHIZ NUT



FLAG

REF. NO.	PART NO.	DESCRIPTION
1	BKT1935	Flag bar
2	FLA0000001	Flag - Safety



WIND GUARD

REF. NO.	PART NO.	DESCRIPTION
1	SCC0000303	3/8" x 1-1/4" N.C. cap screw
2	WNG7981	Right wind guard bracket
3	COT0000107	1/4" x 2-1/4" cotter pin (2 used)
4	WNG8292	Floating wind guard assembly
5	WNG7980	Left wind guard bracket
6	SFC0000706	5/8" x 2" N.F. cap screw (2 used)
7	WNG8307	Wind guard assembly complete

WLK 375

NCH 375

INDEX-PULL TYPE 881

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
01-434	58	COT 0000800	24	F 480	20	F 1026	23
01-736	46	COV 8038	16	F 498	9	F 1076	43
03-159	60	CRA 7072	20	F 525	35	F 1078	43
03-177	60	CRA 7443	50	F 600	8	F 1083	43
05-130	14	CRA 7459	50	F 635	24	F 1084	43
06-108	58	CRA 7859	50	F 636	24	F 1085	43
19-109	18	CRB 3132500	47	F 637	24	F 1087	43
ACL 0102805	52	CRB 3750150	6	F 638	24	F 1093	43
ACT 7102001	61	CRB 3751500	28	F 649	44	F 1095	43
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NCH 0003750	2,12,32,54	PPE 3752500	50	SCC 0000313	6	SHD 6906	15
NCJ 0000500	2,54,60	PPE 7500200	58	SCC 0000314	12	SHD 7002	15
NCP 0003750	37	PPE 7500600	58	SCC 0000315	50	SHD 7075	14
NEJ 0005000	36	PRF 11376	12	SCC 0000316	33	SHD 7077	14
NEJ 0013750	29	PTO 2607	42	SCC 0000402	8	SHD 7096	14
NFC 6250	58	PTO 2608	42	SCC 0000404	10,14	SHD 7099	14
NFC 0007500	58	PTO 2609	42	SCC 0000501	2,28,54,58	SHD 7494	25
NFC 10000	58	PTO 2611	42	SCC 0000503	2,8,24,54	SHD 8027	4,8
NFE 13750	58	PTO 2612	42	SCC 0000504	8,13,18,53,54	SHD 8040	16
NFE 0003750	2,20,32,54	PTO 2613	42	SCC 0000506	21,54	SHD 8311	8
NFE 0005000	2,54	PTO 2614	42	SCC 0000507	13	SHD 8334	14
NFE 0007500	22	PTO 2616	42	SCC 0000508	10,13,54,59	SHD 8648	4
NFH 0005000	2,20,54	PTO 2618	42	SCC 0000509	22,26	SHD 9763	56
NFH 10320	50	PTO 2646	42	SCC 0000510	26,30	SHD 9771	56
NFJ 0005000	41	PTO 2691	42	SCC 0000511	22	SHD 9773	56
NFJ 0007500	2,8,54	PTO 337083	42	SCC 0000514	8	SHD 9774	56
NFJ 0010000	47	PTO 2112831	42	SCC 0000516	9	SHD 11063	8
NFX 00011250	20	PTO 2293612	42	SCC 0000517	8,35	SHD 11344	12
NMS 0000117	16	PTO 2293753	42	SCC 0000705	20	SHD 11309	12
NMS 0000150	60	PTO 2612132	42	SCC 0000706	54	SHD 13514	4
NMS 0000250	52	PTO 3622825	42	SCC 0000707	2,54	SHD 70110	15
NMS 0012175	12	PUL 6630	58	SCC 0000708	20,54	SHD 0639710	58
NPH 10320	56	PUL 7977	58	SCC 0000710	20	SHF 7093	4
NSL 0000500	40	PWB 3751500	18	SCC 0000716	20	SHF 7132	9
NYL 250	50	PWB 3753000	28	SCC 0010001	42	SHF 11305	12
NYL 0002500	56	PWB 5001500	38,54	SCC 0010002	28,42	SHM 7089	14
PCV 6239	12	PWB 5002000	38,54	SCC 0020001	10,15,23,42	SHM 8004	9
PCV 8552	12	RBX 002252	52	SCC 0020002	12	SLV 1051	50
PIN 6220	12	RD 7086	18	SCC 002008	14	SMC 0000202	10
PIN 7831	6	RIV 0000107	60	SCC 00005505	58	SMF 0000100	35
PIN 8670	4	RIV 0000108	60	SCC 0030006	32	SMF 0000203	16
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PLF 8205	58	ROD 11293	52	SCC 0050007	4	SMR 0000101	6,8
PLF 772800	58	ROD 13271	35	SCC 0050017	27	SMR 0000201	28
PLF 8206	59	ROD 13279	36	SCC 0070004	42	SMR 0001000	10
PLF 82070	59	SBH 0000101	56	SCO 0000100	20	SMR 0131000	46
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PLG 7838	6	SCB 0000201	6	SFC 0000207	12	SMS 7724	58
PLG 7840	6	SCB 0000202	6	SFC 0000308	20	SMS 7725	58
PLG 13058	6	SCB 0000708	2,54	SFC 0000405	20	SMS 7726	58
PLG 13059	6	SCB 0030003	2	SFC 0000407	20	SMS 7727	58
PLT 6639	58	SCC 0000100	52,60	SFC 0000408	20	SMS 15030	52
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