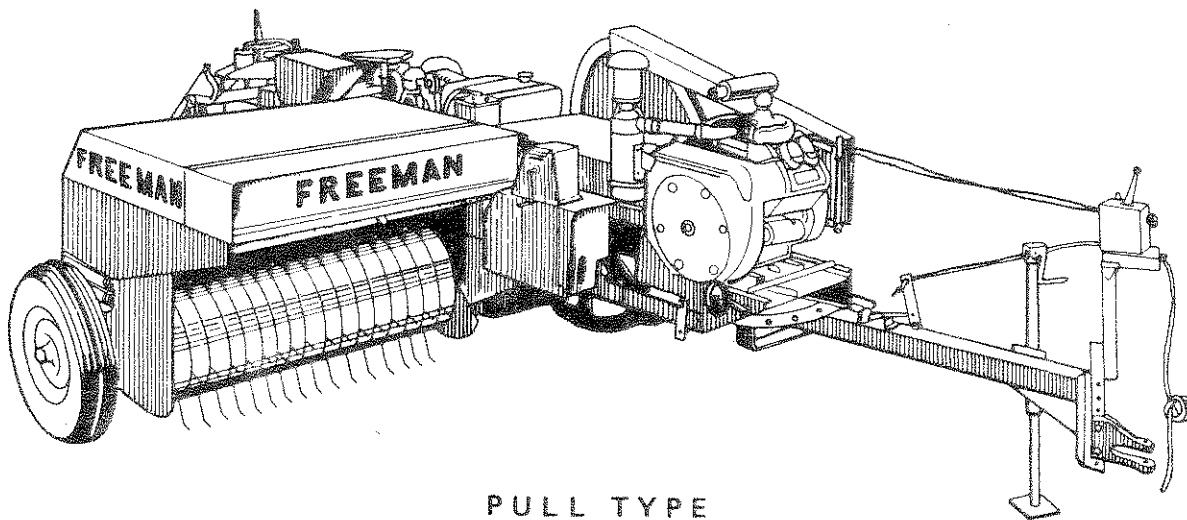


FREEMAN

Automatic Hay Baler

1978

PARTS LIST



PULL TYPE
Model 200

manufactured and distributed by

J. A. FREEMAN & SON, INC.

PORTLAND, OREGON

PB00000104



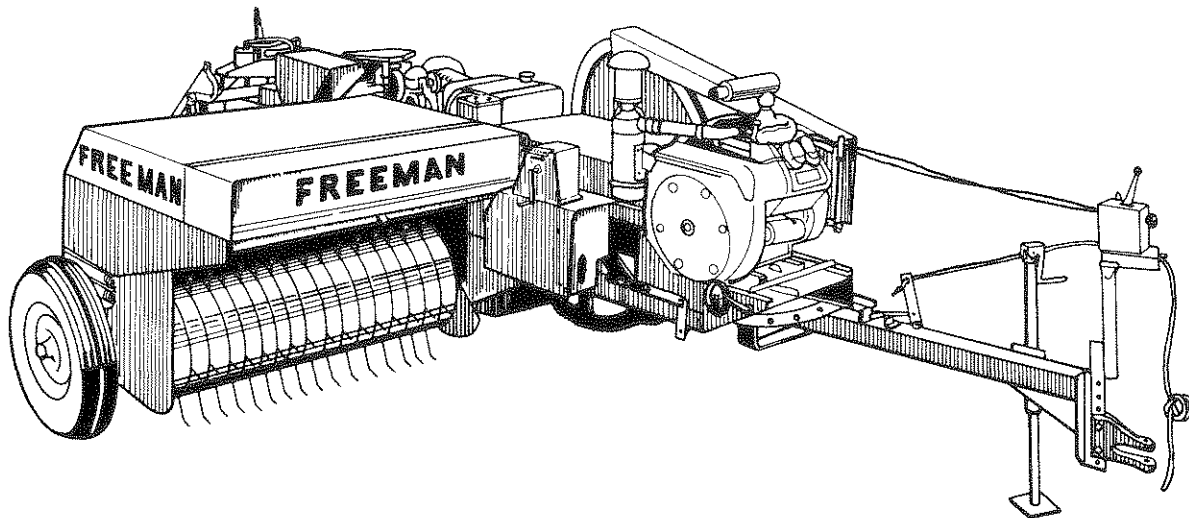
BE CAREFUL

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.

1978 PARTS LIST

for

Model 200



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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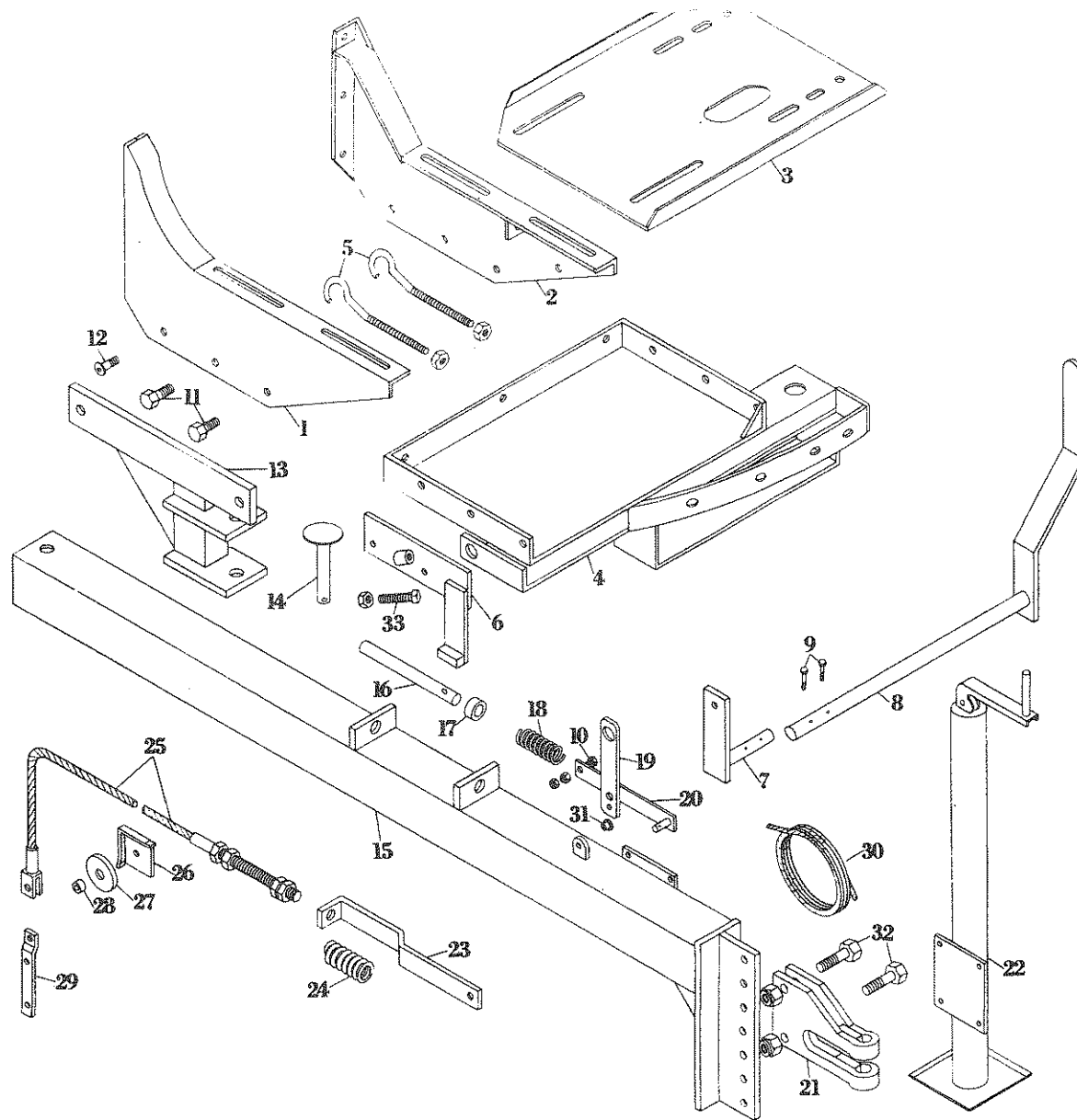
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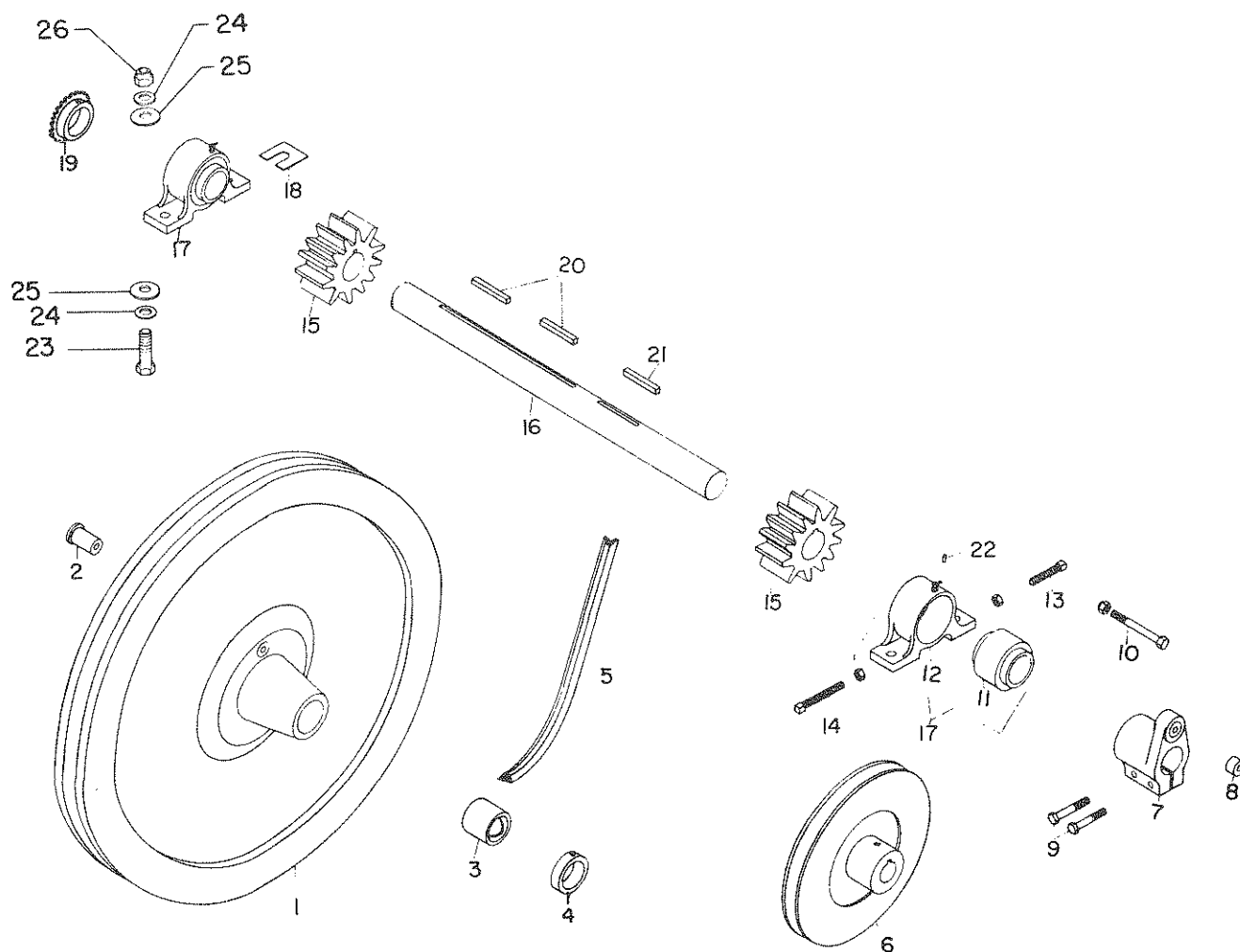
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LUB323060 . .	46	TNS7120 . . .	8		
		TNS7056 . . .	8		
NFH10320 . .	46	TNS7057 . . .	8		
NMS7125 . . .	10	TNS69450 . . .	8		
NYL250 . . .	46	TNS69451 . . .	8		
PIN7831 . . .	6	TNS69480 . . .	8		
PLG7837 . . .	6	TNS69481 . . .	8		
PLG7839 . . .	6				
PLG7840 . . .	6	WAS104 . . .	18		
PLT7318 . . .	10	WAS105 . . .	2		
PLT7573 . . .	4	WCT100 . . .	46		
PPE40125 . .	46	WIS7500 . . .	46		
PPE1250500 .	46	WLK1000 . . .	46		
PPE250125 . .	46				
PPE3752500 .	46	ZZ100 . . .	18		
PTO2607 . . .	38	ZZ403 . . .	46		
PTO2608 . . .	38	ZZ425 . . .	4, 18		
PTO2609 . . .	38	05-130 . . .	13		
PTO2611 . . .	38	19-109 . . .	10		
PTO2612 . . .	38				
PTO2613 . . .	38				
PTO2614 . . .	38				
PTO2616 . . .	38				
PTO2618 . . .	38				
PTO2646 . . .	38				
PTO2691 . . .	38				
PTO337083 . .	38				
PTO2112831 .	38				
PTO2293312 .	38				
PTO2293753 .	38				
PTO2612132 .	38				
PTO3622825 .	38				
RD70861 . . .	10				
SCC202 . . .	46				
SCC315 . . .	46				
SHD6687 . . .	15				
SHD6688 . . .	15				
SHD6690 . . .	15				
SHD6905 . . .	15				
SHD6906 . . .	15				
SHD7075 . . .	13				
SHD7077 . . .	13				
SHD7096 . . .	13				
SHD7099 . . .	13				
SHD7583 . . .	13				
SHD7800 . . .	23				
SHD8040 . . .	14				
SHD70110 . .	15				
SHF7093 . . .	4				
SHM7089 . . .	13				
SLV1051 . . .	46				



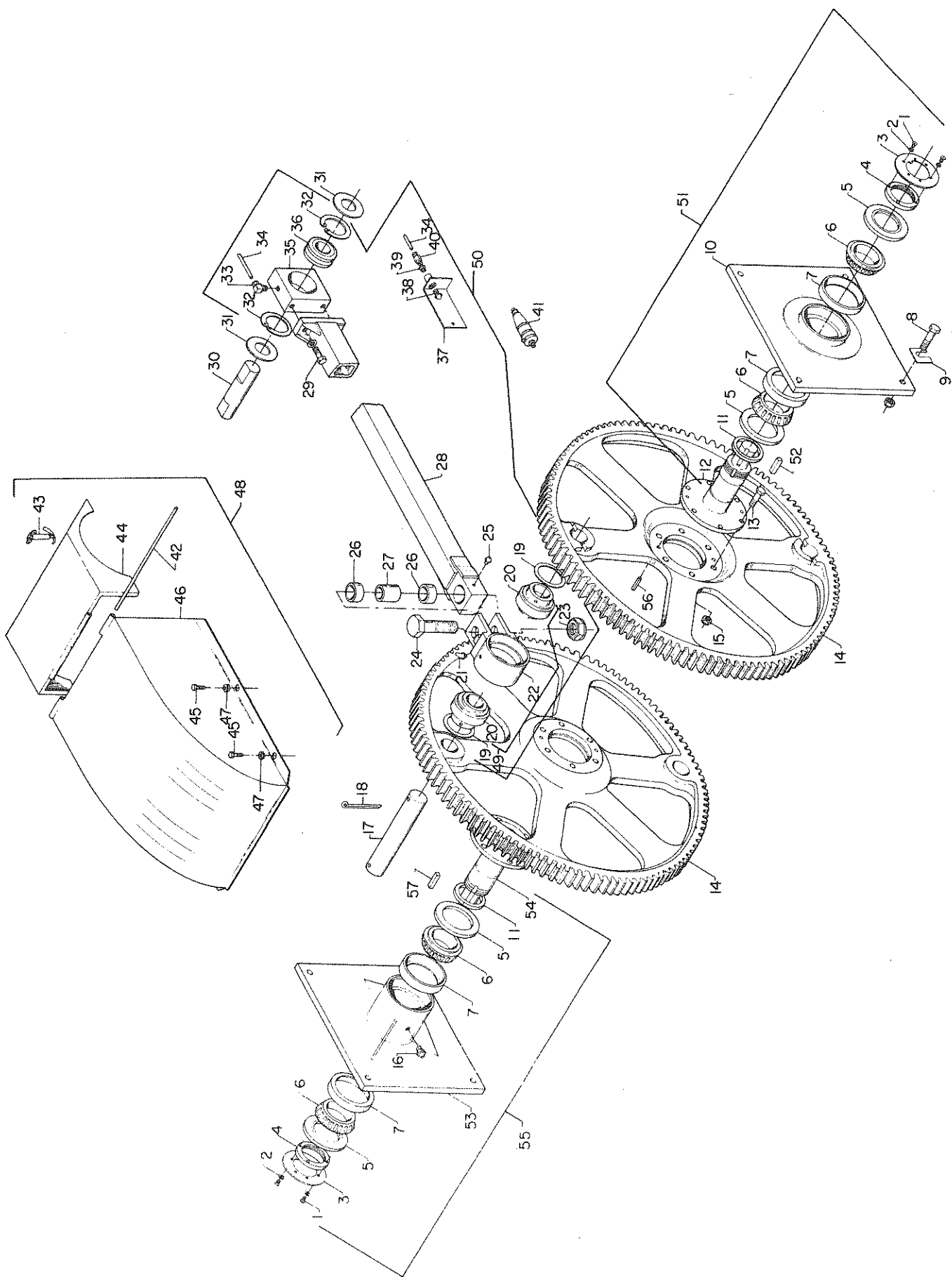
DRAWBAR AND ENGINE MOUNT

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7847	Engine mount, R.H.	20	F7795	Link, drawbar locking pin
2	F7800	Engine mount, L.H.	21	F183	Front end hitch
3	F7707	Engine base plate	22	F7430	Front end jack complete for engine balers
4	F7280	Hitch base plate		F878	Jack handle assembly
5	F7010	Engine adjusting bolt, 2 used		F1605	Ram only for jack
6	F7682	Pickup lift lever stop bracket		F1607	Thrust bearing for jack
7	F7681	Pickup lift crank	23	F7567	Cable connecting link for cushion spring
8	F7281	Pickup lift lever			
9		1/4" x 1 1/4" N.C. cap screw	24	F7566	Cushion spring (pickup cable)
10		1/2" x 2" N.C. cap screw	25	F7565	Pickup lift cable with ends
11		1/2" x 1 1/4" N.F. cap screw	26	F7590	Sheave clip, pickup lift roller
12		1/2" x 1 1/4" button head bolt	27	F8192	Cable pulley for pickup lift
13	F7007	Pivot pin bracket	28	F8193	Bushing for F8192 roller
14	F7006	Drawbar pivot pin	29	F7194	Pickup lift bracket
15	F7001	Drawbar for engine baler	30	F7005	Rope, drawbar pin, 9'
	F8307	Drawbar, long, optional	31	F440	Ferrule for F7283 lever
16	F7002	Drawbar locking pin			
17	F7004	Set collar, drawbar locking pin	32		5/8" x 2 1/2" N.C. cap screw
18	F7003	Spring, drawbar locking pin	33		1/2" x 1 1/2" square head set screw
19	F7283	Actuating lever, drawbar locking pin			



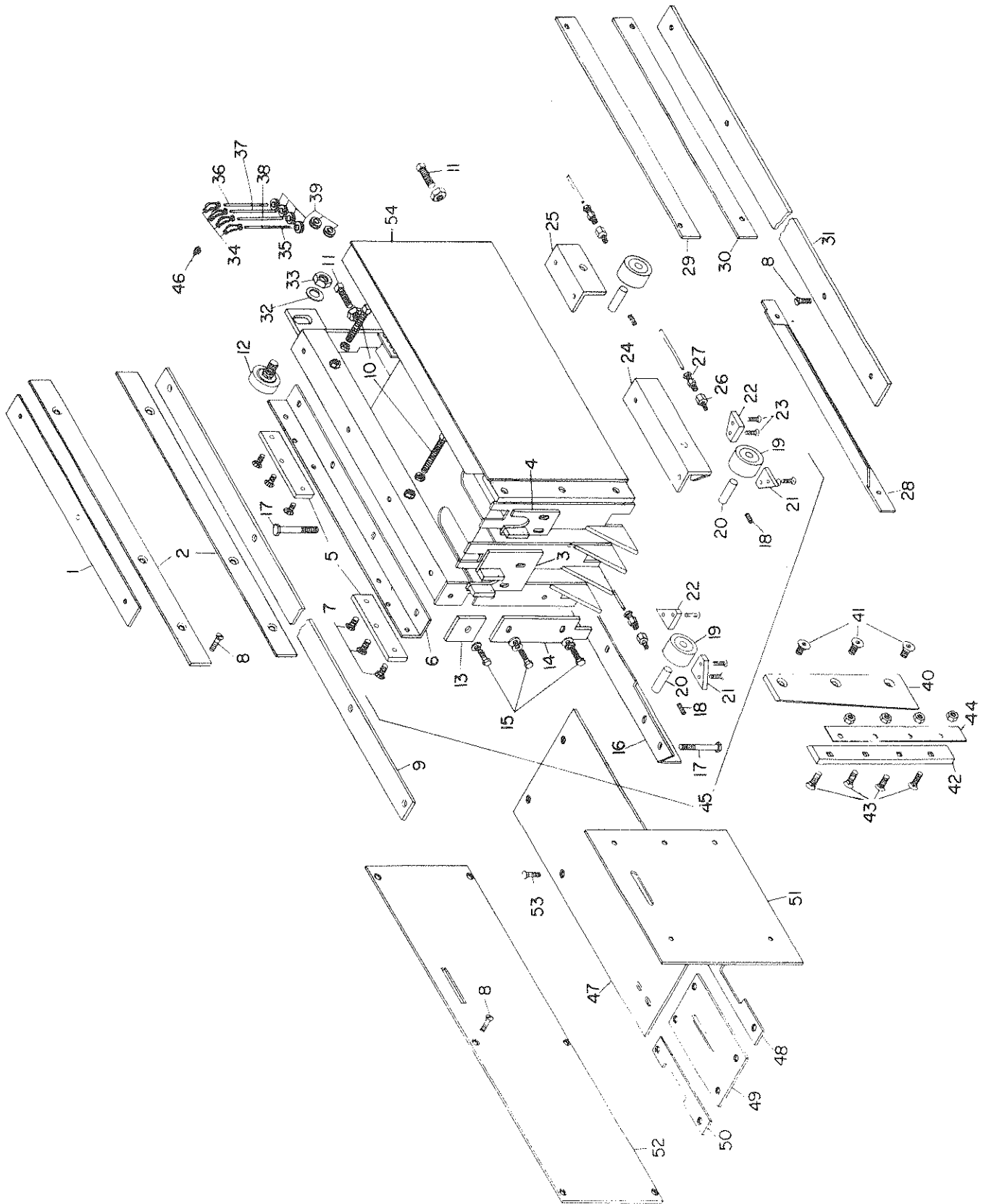
FLYWHEEL AND PINION SHAFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7704	Flywheel with bushings, motor drive	13	F498	Set screw for F34 bearings, rear, 1/2" x 2" (2 used)
	F1613	Flywheel with bushings, PTO drive	14	F73	Set screw for F34 bearings, front, 1/2" x 4" (2 used)
2	F1614	Shear bushing in flywheel, flanged	15	F7437	Pinion gear, 12 tooth
3	F886	Bushing for F7704 and F1613 flywheel	16	F7285	Pinion shaft
4	F221	Set collar, pinion shaft, 2-1/8"	17	F34	Bearing complete for pinion shaft, (2 used)
5	F7000	Drive belt, D165, for VG4D and V465D engine	18	F967	Shim for F34 bearing, 16 ga.
	F7337	Drive belt, D162, for PTO		F967A	Shim for F34 bearing, 20 ga.
6	F7014	Motor pulley 10" OD for VG4D 1-7/16" bore		F967B	Shim for F34 bearing, 10 ga.
	F7699	Motor pulley, 10" OD for V465D 1 3/4" bore	19	FT557	Sprocket, drive for hydraulic pump
7	F817	Shear hub for flywheel	20	F7488	Tapered key for pinions, 3/2", 2 used
8	F1132	Shear bushing in flywheel shear hubs	21	F72	Key for shear hub, 1/2" x 1/2" x 3 1/2"
9		1/2" x 3 3/4" heat treated cap screws with lock nuts	22	F1721	Lock pin for F698 bearing insert
10	F7015	Shear bolt, 1/2" x 5" N.C. grade 2 bright cap screw	23		5/8" x 2 1/2" N.C. cap screw
11	F698	Bearing insert for F765 cage	24	WAS105	5/8" structural washer
12	F765	Bearing cage for F34 bearing	25		5/8" flat washer
			26		5/8" N.C. fiber lock nut



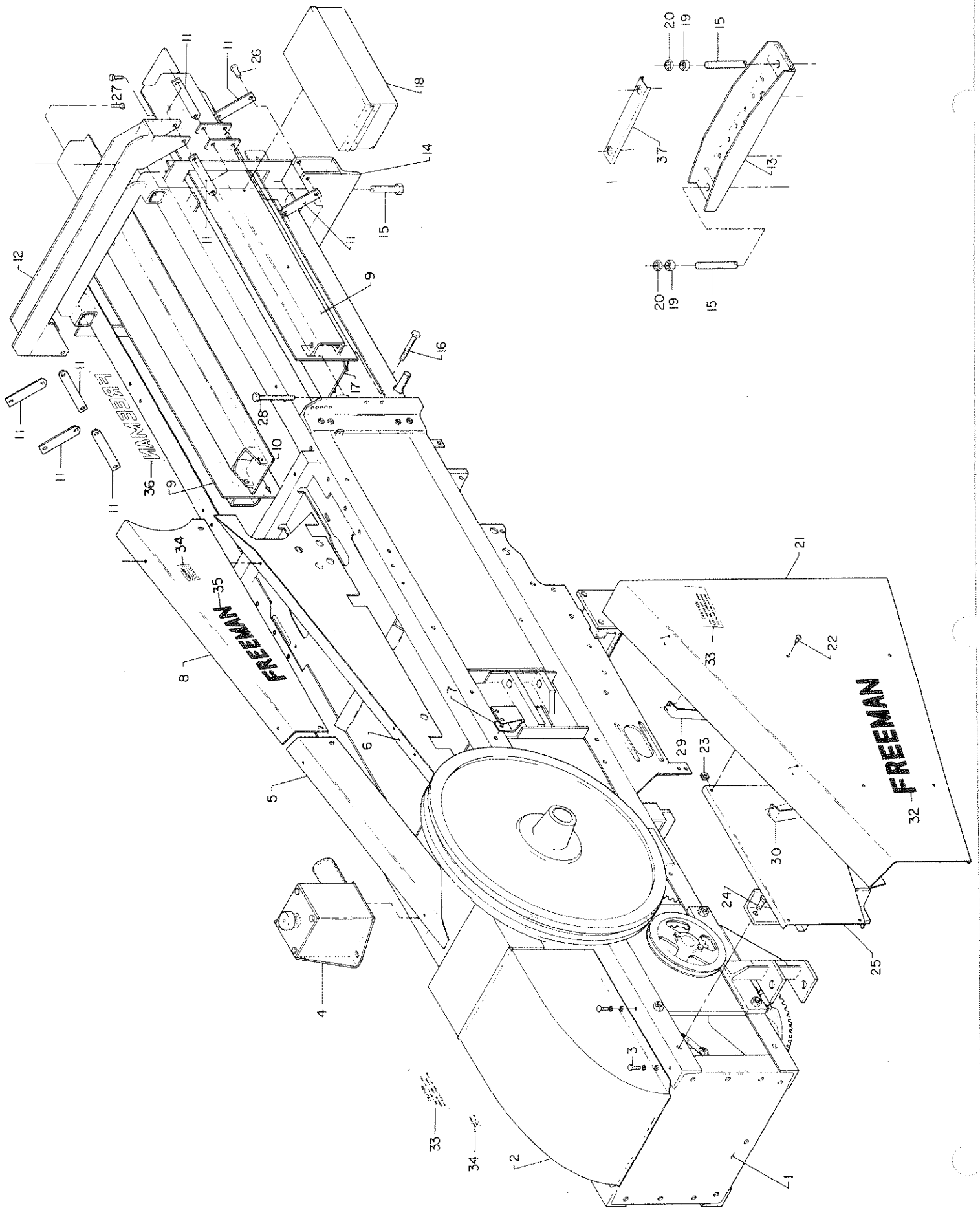
BULL GEAR AND PLUNGER CONNECTING ROD ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	F7039	Screw for locking washer, 8-32X, ½" 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		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		½" x 2¼" N.C. cap screw, 12 used
14	F7438	Bullgear, 88 tooth, 2 used
15		½" N.C. fiber locknut, 12 used
16	F1661	Hydraulic shut-off fitting, 2 used
17	F46	Crank pin gear end
18	F55	Key for crank pin, 2 used
19		1-15/16" machinery bushing, 14 ga., as required
20	F8100	Bearing for F8229 connecting rod, GN115KLL, 2 used
	F8385	Bearing only, GN115KLL
	F8386	Locking collar only, SN115K
21		¼" - 28 x 90° grease fitting
22	F8114	Connecting rod end housing only, bullgear end
23	F8080	1¼" N.F. elastic stop nut
24	PIN8675	Pivot pin for swivel end
25		¼" - 28 x 45° grease fitting
26	F8077	Steel bushing, connecting rod swivel end, IR2916, 2 used
27	F8078	Steel bushing
28	F8076	Connecting rod
29		½" x 1¾" N.C. grade 8 cap screw
30	F7914	Plunger pin
31		Washer, 1¾" x 2½", 10 ga.
		Washer, 1¾" x 2½", 14 ga.
		Washer, 1¾" x 2½", 18 ga.
32	F7917	Snap ring
33	F1441	Elbow for connecting rod grease rube, 889L Imp.
	F8312	Sleeve for F1441
34	F7545	Grease tube, ¾", 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	¼" x 1/8" pipe reducer bushing
40	F778	Connector, grease tube, No. 308808
	F8055	Sleeve for F778, No. 31226
41	F7543	Spring loaded grease cup
42	F7630	Bullgear shield, hinge pin
43	F853	Latch
44	F7632	Bullgear shield, access door
45		¼" x 1¼" N.C. cap screw, 4 used
46	F7628	Bullgear shield, less access door
47	F7550	Rubber grommet, 4 used
48	F7549	Bullgear shield complete with door
49	F8099	Connecting rod end housing complete w/bearing, bullgear end
50	F8101	Connecting rod complete with ends
51	F7463	Side plate L.H. w/bearing & shaft
52	F225	Key, knotter drive shaft, ½" x ½" s 2"
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	F7239	Roll pin, 3/8" x 1½"
57	ZZ425	Key, feed arm drive shaft, 5/8" x 5/8" x 2¼"



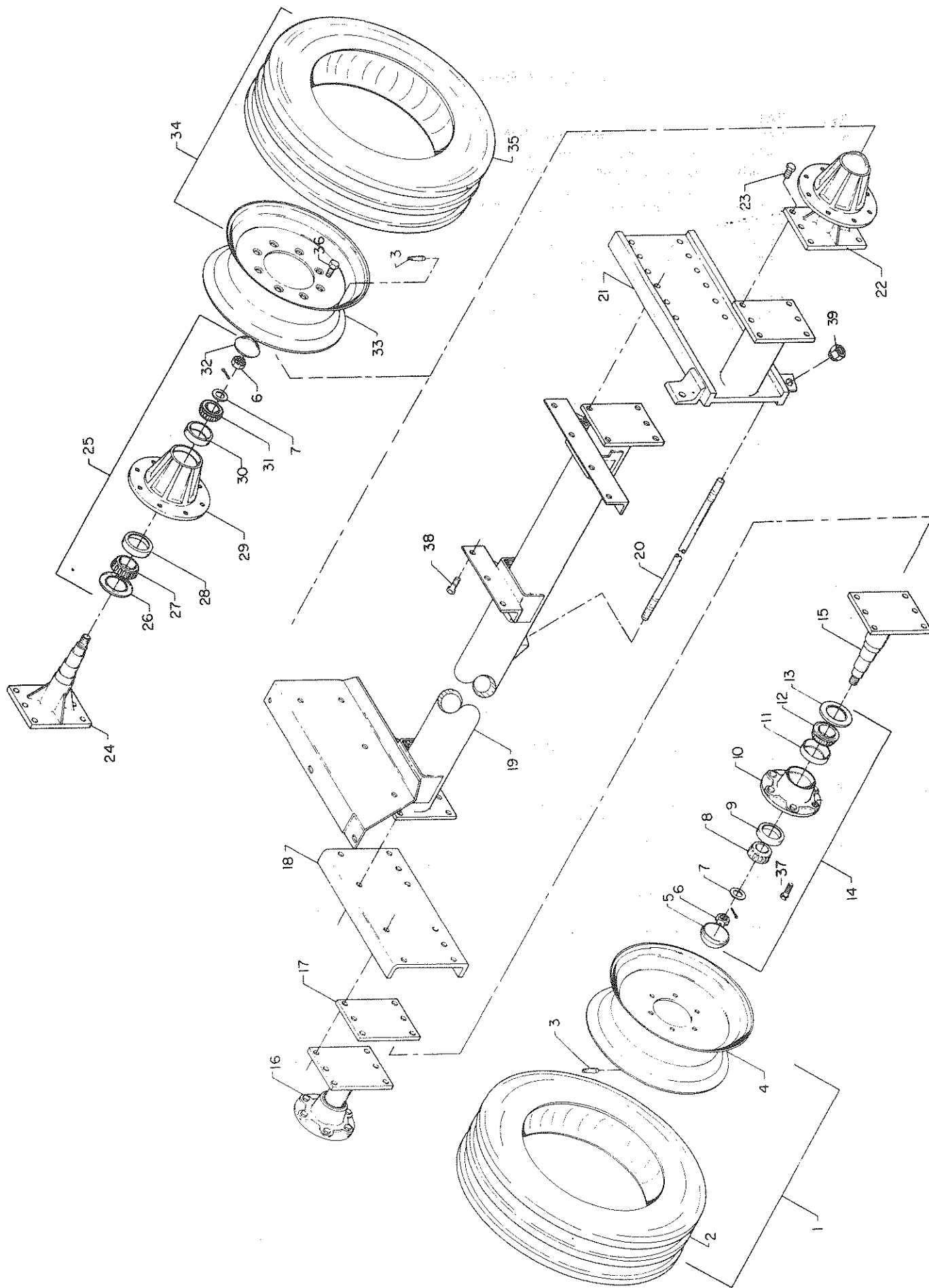
PLUNGER ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7837	Plunger roller rail, top L. H.	24	PLG7839	Roller mounting angle, R. H., rear
2	F7763	Plunger guide rail, top and bottom	25	PLG7840	Roller mounting angle, R. H., front
3	F8117	Adjusting pad for plunger face, center	26	F777	Adapter for grease tube, 4 used
4	F8116	Adjusting pad for plunger face, R. H.	27	F778	Connector for grease tube, 4 used
5	F1537	Hard slide for roller plunger, 4 used	28	F7439	Knife guide under feed opening
6	F7766	Hard slide mounting rail, L. H. top	29	F299	Plunger slide, flat, upper R. H. side
7		5/16" x 3/4" flat head socket cap screw, 12 used	30	F298	Plunger slide, flat, lower R. H. side
8		5/16" x 1" F. H. machine screw for plunger rail	31	F7840	Plunger roller rail, R. H. bottom
9	F7839	5/16" x 1 1/2" F. H. machine screw for plunger rail	32		3/4" flat washer
10		Plunger roller rail, L. H. bottom	33	F1441	3/4" N.C. nut
11		1/2" x 4" square head set screw, top rail, 2 used	34	F8312	Elbow, grease tube, 4 used
12	F1636	1/2" x 2 1/2" square head set screw, bottom rail, 2 used	35	F780	Sleeve for F1441
13	F7769	3/4" x 1 1/4" square head set screw, 2 used, plunger pin lock	36	F781	Grease tube, right rear, 36"
14	F7777	Roller for top of plunger, 3/4" shank	37	F779	Grease tube, left front, 14"
15		Adjusting pad for plunger face, top left	38	F779	Grease tube, left rear, 30"
16	PLG7837	Adjusting pad for plunger face, L. H.	39	F7735	Grease tube, right front, 30"
17		3/8" x 1" N.C. cap screw, 3 used	40	F7764	Grommet, grease tube protector, 6 used
18		Roller and slide mounting angle, L. H., bottom	41	F227	Plunger knife
19	F775	3/8" x 3/4" N.C. cap screw, 12 used	42	F1609	Bolt for plunger knife, 3 used
20	PIN7831	5/16" x 5/16" Allen head set screw, 4 used	43	F1629	Knife, stationary with square holes
21	F986	Roller for plunger, 4 used	44	F751	Bolt for F1609 knife, 4 used
22	F774	Pin, plunger roller, 4 used	45	F1512	Shim for F1609 knife, 14 ga.
23		Wiper, rear, 2 used	46	F8115	Shim for F1609 knife, 20 ga.
		Wiper, front, 2 used	47	F8266	Plunger complete, less knife
		1/4" x 3/4" F. H. machine screw, 8 used	48	F7809	1/8" P. T. grease fitting
			49	F7810	Bale chamber bottom
			50	F7811	Liner extension for bale chamber bottom, R. H.
			51	F7220	Liner extension for bale chamber bottom, center
			52	F7759	Liner extension for bale chamber bottom L. H.
			53		Liner for bale chamber side, R. H.
			54	F8359	Liner for bale chamber, L. H., 16" chamber
					3/8" x 1 1/4" No. 3 plow bolt
					3/8" x 1 1/2" No. 3 plow bolt
					Plunger frame only, 16" x 18"



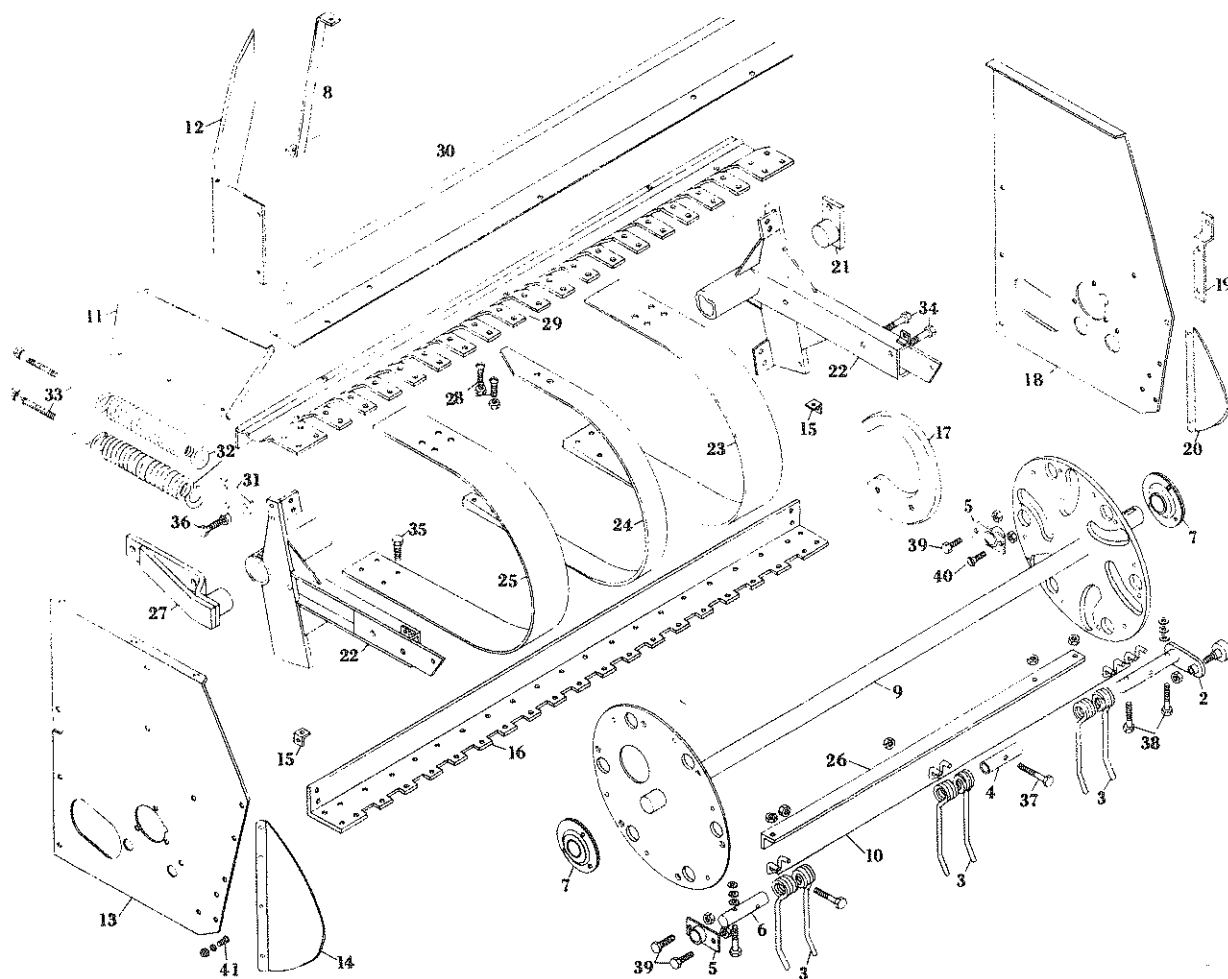
BALE CHAMBER

REF. NO.	PART NO.	DESCRIPTION
1	F8355	Bale chamber frame, 16" x 18"
2	F7549	Bullgear shield complete
3		¼" x 1½" 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	TNS6949	Top tension rail, 2 used
	TNS69450	Top tension rail, 12" longer, 2 used
	TNS69451	Top tension rail, 18" longer, 2 used
11	F497	Flat linkage bar, 8 used
12	TNS7120	Top tension angle, 16" x 18" chamber
13	FT214	Cylinder frame
14	TNS7119	Bottom tension angle, 16" x 18" chamber
15	F600	Tension bolt, ¾" x 27¼", 2 used
16		½" x 4" N.C. cap screw, 4 used
17	TNS6950	Bottom tension rail, 2 used
	TNS69480	Bottom tension rail, 12" longer, 2 used
	TNS69481	Bottom tension rail, 18" longer, 2 used
18	BOX7161	Tool box
19		¾" N.C. nut
20		¾" N.C. jam nut
21	F8350	Drive belt shield
22		¼" x ¾" round head machine screw, 4 used
23		Clip nut, ¼"
24		½" x 1½" N.C. cap screw, 2 used
25	F7737	Bracket, drive belt shield w/battery box
26		½" x 1¼" N.C. grade 5 cap screw, tension linkage, 8 used
27		3/8" x 1½" N.C. cap screw, 4 used
28		½" x 5½" 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	FD7114	Freeman decal, red
33	FD8	Caution decal
34	FD6	Caution decal
35	FD7112	Freeman decal, red
36	FD7111	Freeman decal, white
37	FT228	Receptical for dual ram



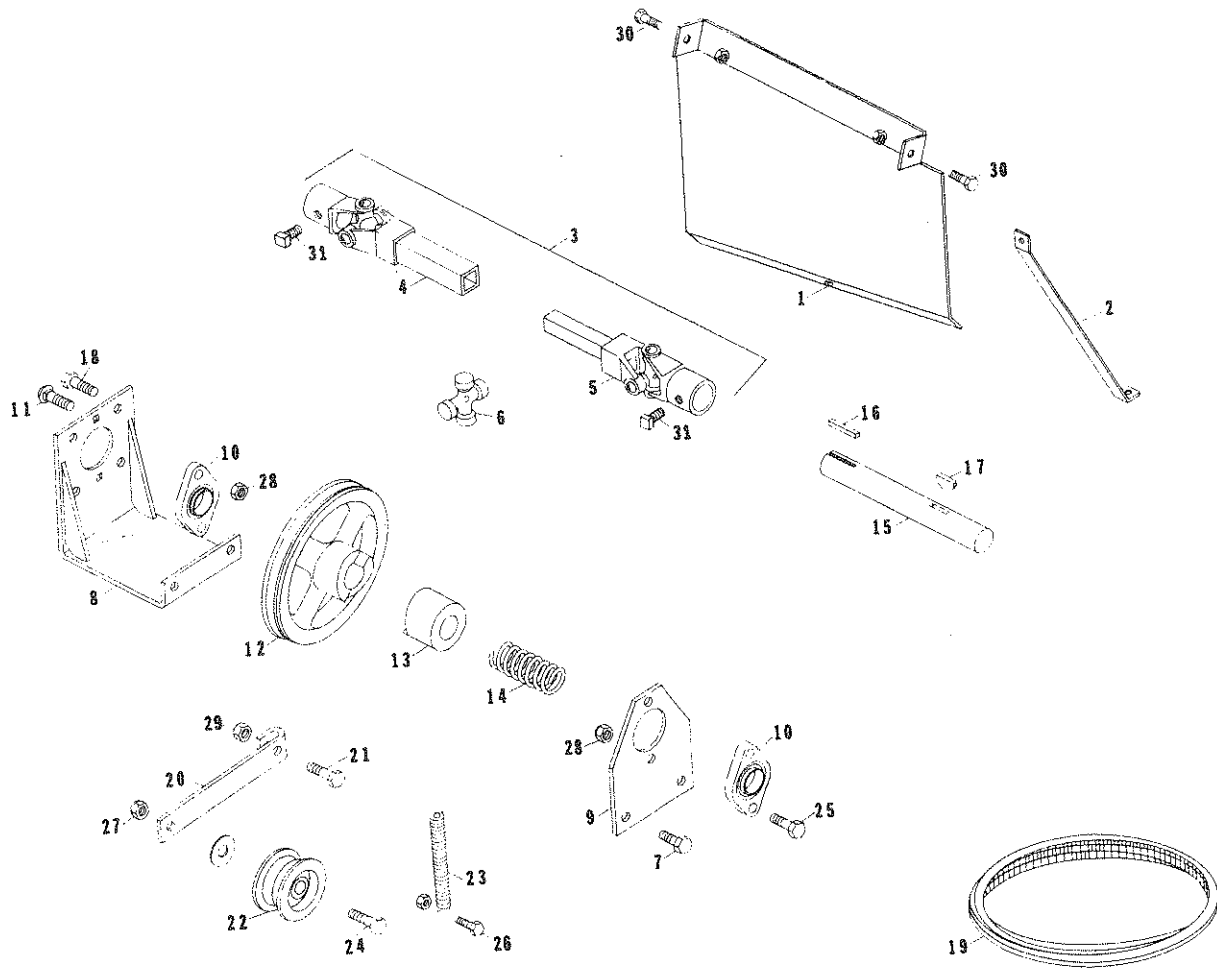
AXLE ASSEMBLY

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	F7751	Tubular axle
20	RD70861	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		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.



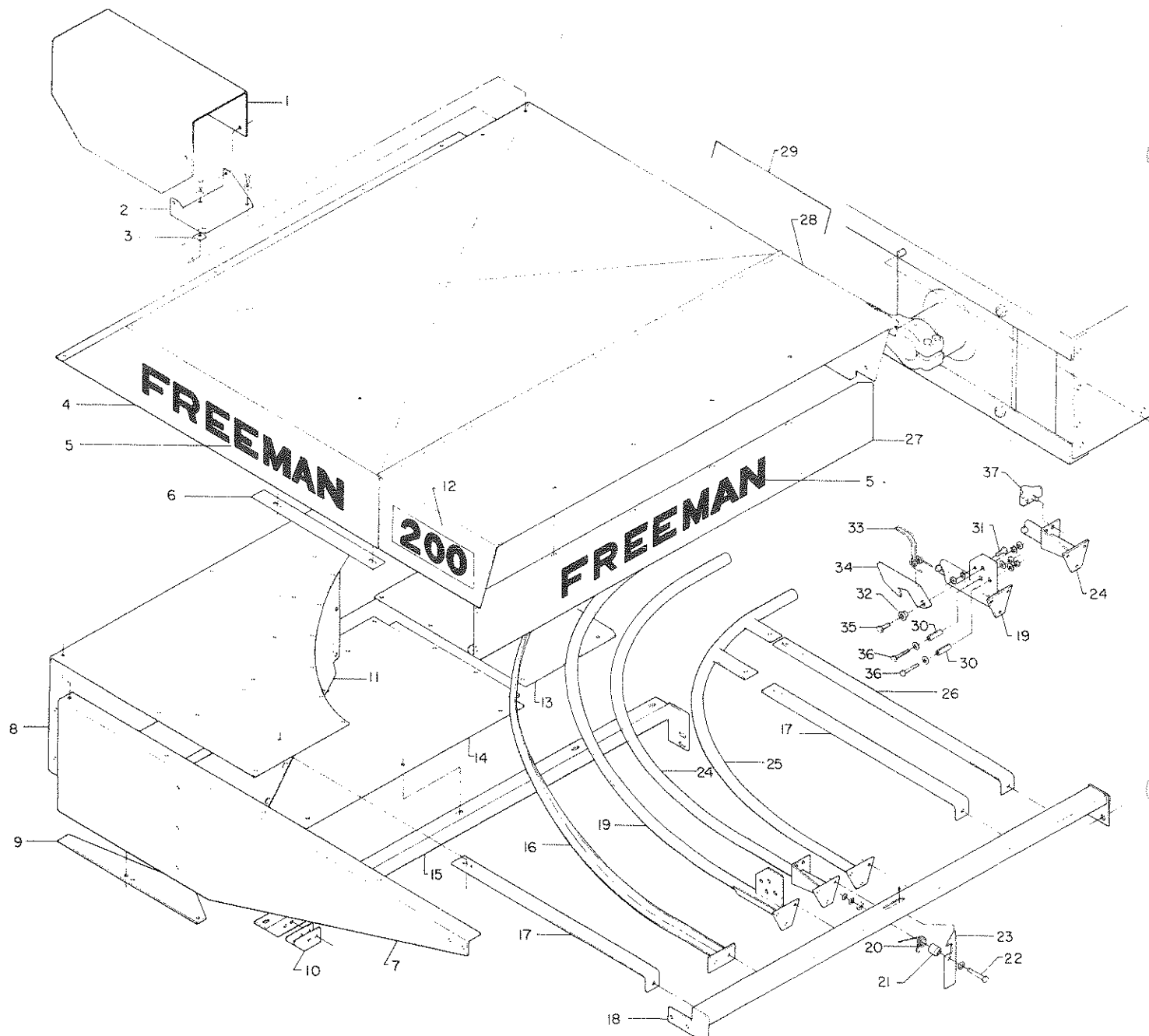
PICKUP CYLINDER ASSEMBLY

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	28		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		½" x 2½" N.C. cap screw
12	F7149	Fender extension	35		5/16" x ¾" N.C. cap screw
13	F7573	Fender, outside	36		7/16" x 1½" N.C. cap screw
14	F7148	Fender flare, outside	37		5/16" x 2" NFHT cap screw
	F7355	Fender flare extension, outside	38		5/16" x 2¼" N.C. cap screw
15	F7193	Fender mounting clip, 4 used	39		5/16" x 1" N.C. cap screw
16	F7180	Bottom stripper bar	40		5/16" x 1" CS machine screw
17	F7190	Pickup cam	41		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



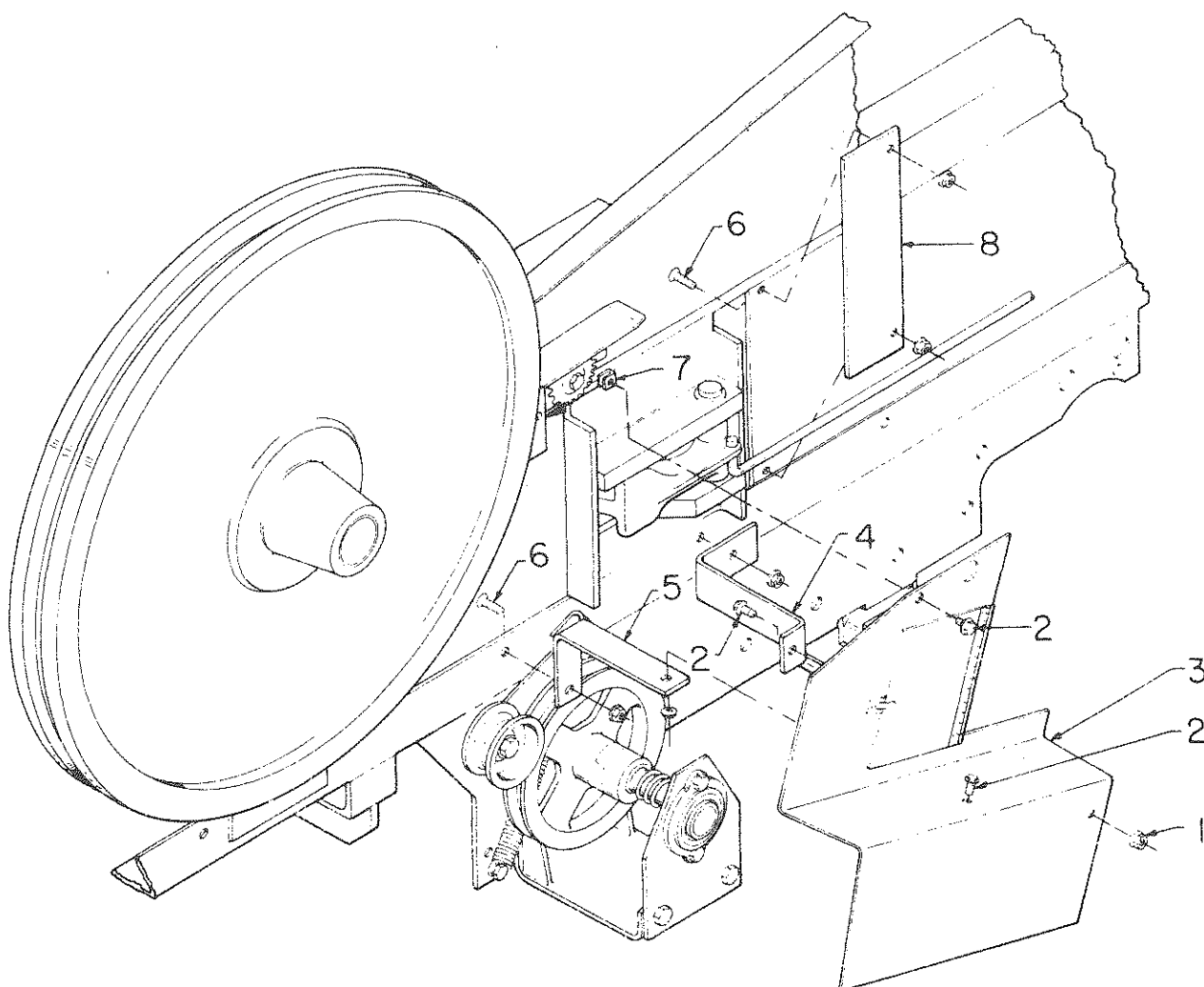
PICKUP DRIVE

REF. NO.	PART NO.	DESCRIPTION
1	F8267	Pickup drive shaft shield
2	F8163	Brace for pickup drive shaft shield
3	F8342	Universal drive shaft complete
4	F8340	Universal with rectangular tube
5	F8341	Universal with rectangular shaft
6	F8339	Universal joint repair kit
7		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		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		1/2" x 1 1/2" N.C. cap screw, 4 used
19	F7535	Pickup drive belt, CX105
20	F7546	Pickup drive belt tightener bracket
21		1/2" x 2 1/4" N.C. cap screw
22	F840	Idler pulley, pickup belt tightener
23	F129	Spring, pickup belt tightener
24		1/2" x 2 1/2" N.C. cap screw
25		3/8" x 1 1/2" N.C. cap screw
26		5/16" x 1 1/2" N.C. cap screw
27		1/2" N.C. fiber lock nut
28		3/8" N.C. fiber lock nut
29		1/2" N.C. Jam nut
30		5/16" x 1" N.C. cap screw
31		3/8" x 1" N.C. square head set screw



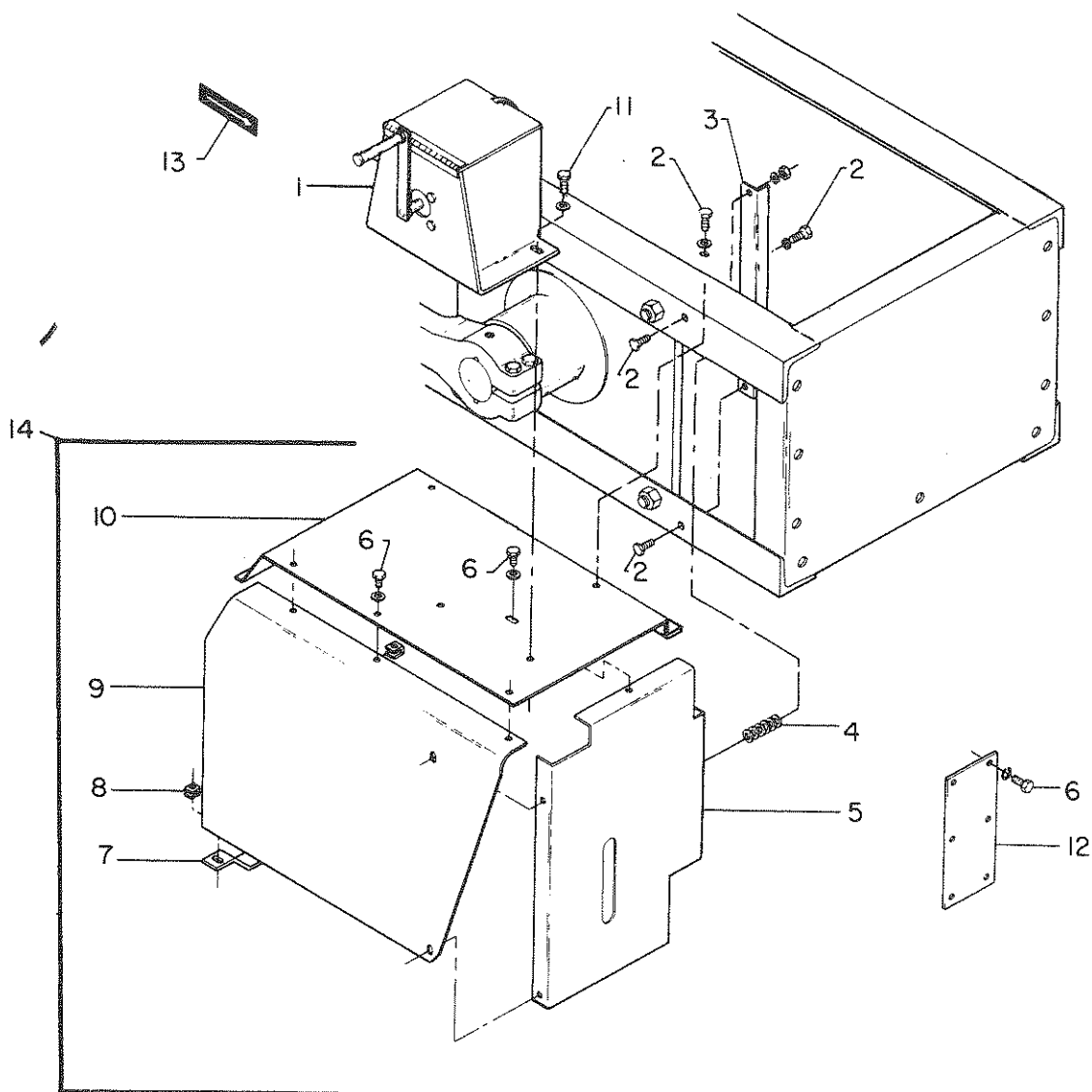
PICKUP FEED HOUSE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F8375	Shield, Right side knottter drive arm	20	SRG7095	Latch spring
2	F7579	Bracket, drive arm shield	21	05-130	Spacer
3	F7654	Brace	22		5/16" x 2 1/2" N.C. cap screw
4	SHD7099	Shield over pickup, rear	23	SHD7096	Hood latch
5	FD7114	Freeman decal, red, 2 used	24	F8261	Guard pipe, center
6	SHM7089	Shim	25	F7164	Guard pipe, inside
7	FH4907	Feed house end plate	26	F7160	Hay hold down, inside
8	FH7088	Feed house rear	27	SHD7077	Face plate shield over pickup
9	F7714	Feed house bottom shim	28	SHD7075	Shield over pickup, front
10	F7394	Pickup stop	29	SHD7583	Shield over pickup complete
11	F7152	Feed house back shield	30	F7275	Roll pin, 1/2" x 2", 2 used
12	FD7116	Freeman decal	31	F7239	Roll pin, 3/8" x 1 1/2"
13	F7145	Feed house bottom wear plate	32	F7276	Ferrule for F1563
14	F7713	Feed house bottom	33	F281	Spring latch
15	F7157	Angle brace for feed house bottom sheet	34	F1563	Catch for torque shaft
16	F7299	Guard angle	35		7/16" x 1 1/2" NCHT cap screw
17	F7159	Hay hold down, 2 used	36		5/16" x 2 1/2" NC cap screw
18	FH7118	Guard pipe support	37	F8264	Rubber Bumper
19	F7472	Guard pipe, outside w/latch mounting plate			



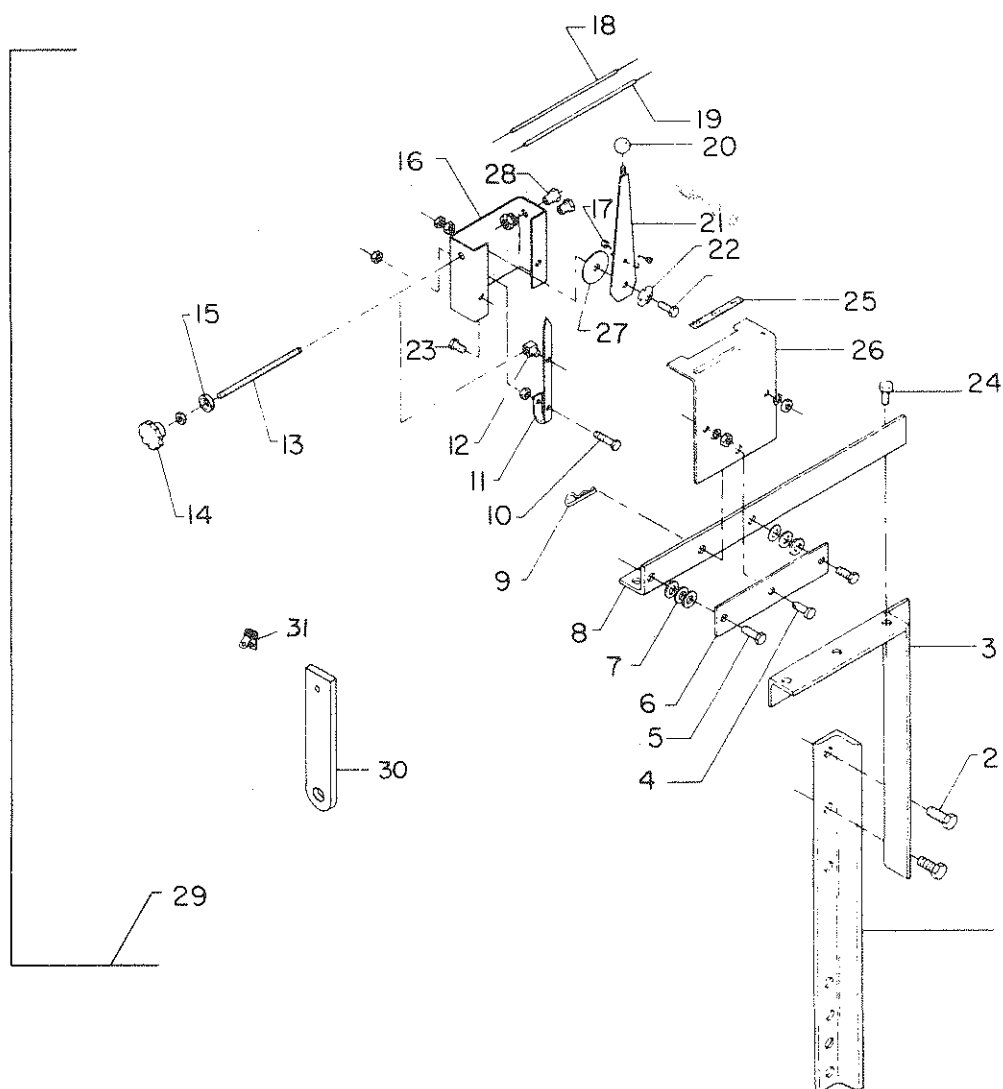
PICKUP DRIVE BELT SHIELD

REF. NO.	PART NO.	DESCRIPTION
1		5/16" whiz lock nut, 6 used
2		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		5/16" x 1 1/4" flat head machine screw, 4 used
7		5/16" clip nut
8	COV8038	Cover plate



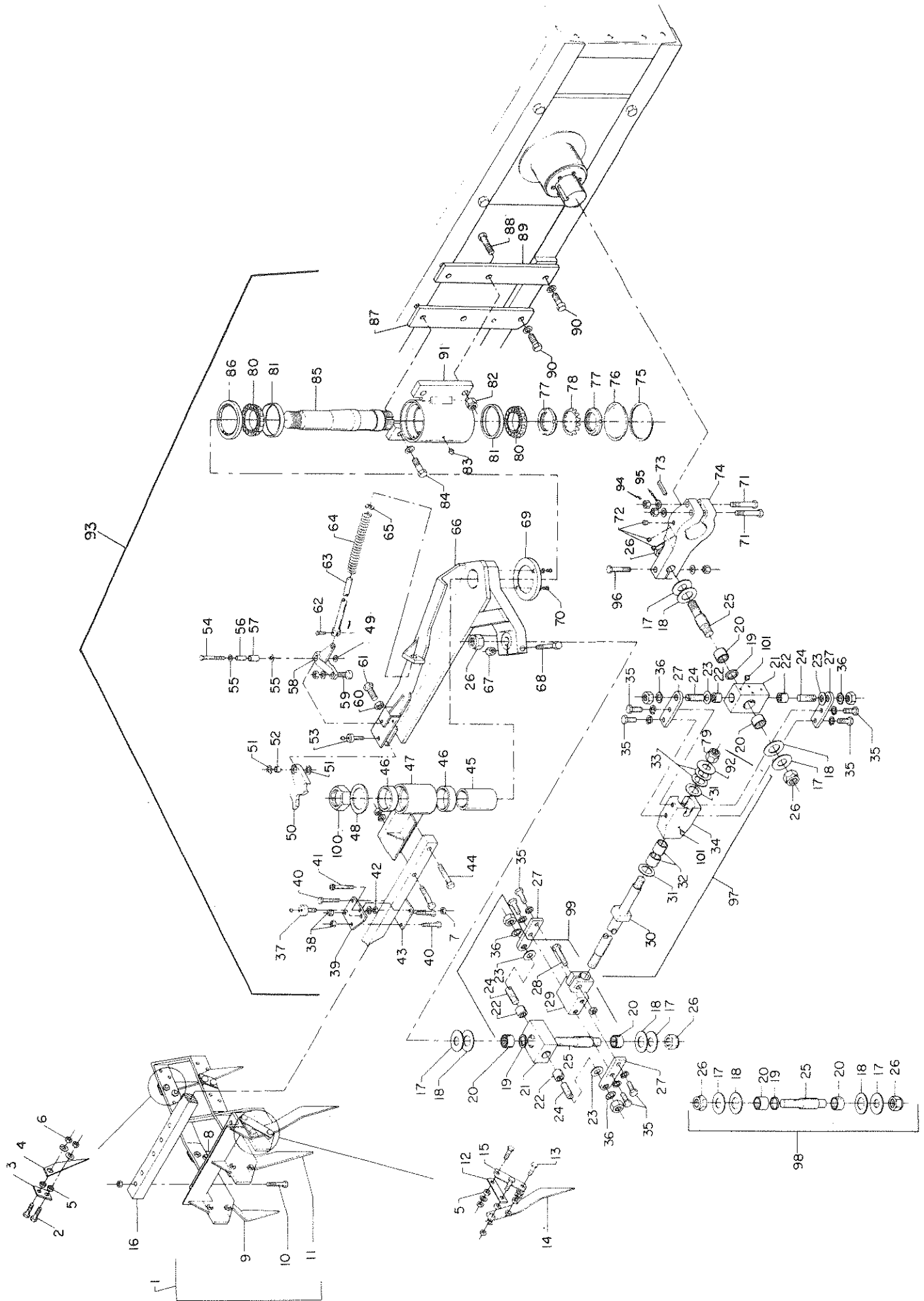
CRANK ARM SHIELD

REF. NO.	PART NO.	DESCRIPTION
1	LUB7600	Bullgear luber tank and pump assembly
2		5/16" x 1" N.C. cap screw, 5 used
3	SHD6906	Front mount crank arm shield
4		5/16" flat washer, 6 used
5	SHD6905	Crank arm shield, front section
6		5/16" x 3/4" N.C. cap screw, 7 used
7	SHD6690	Crank arm shield brace
8		5/16" clip nut, T5618-075-098, 7 used
9	SHD6687	Crank arm shield, side section
10	SHD6688	Crank arm shield, top section
11		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



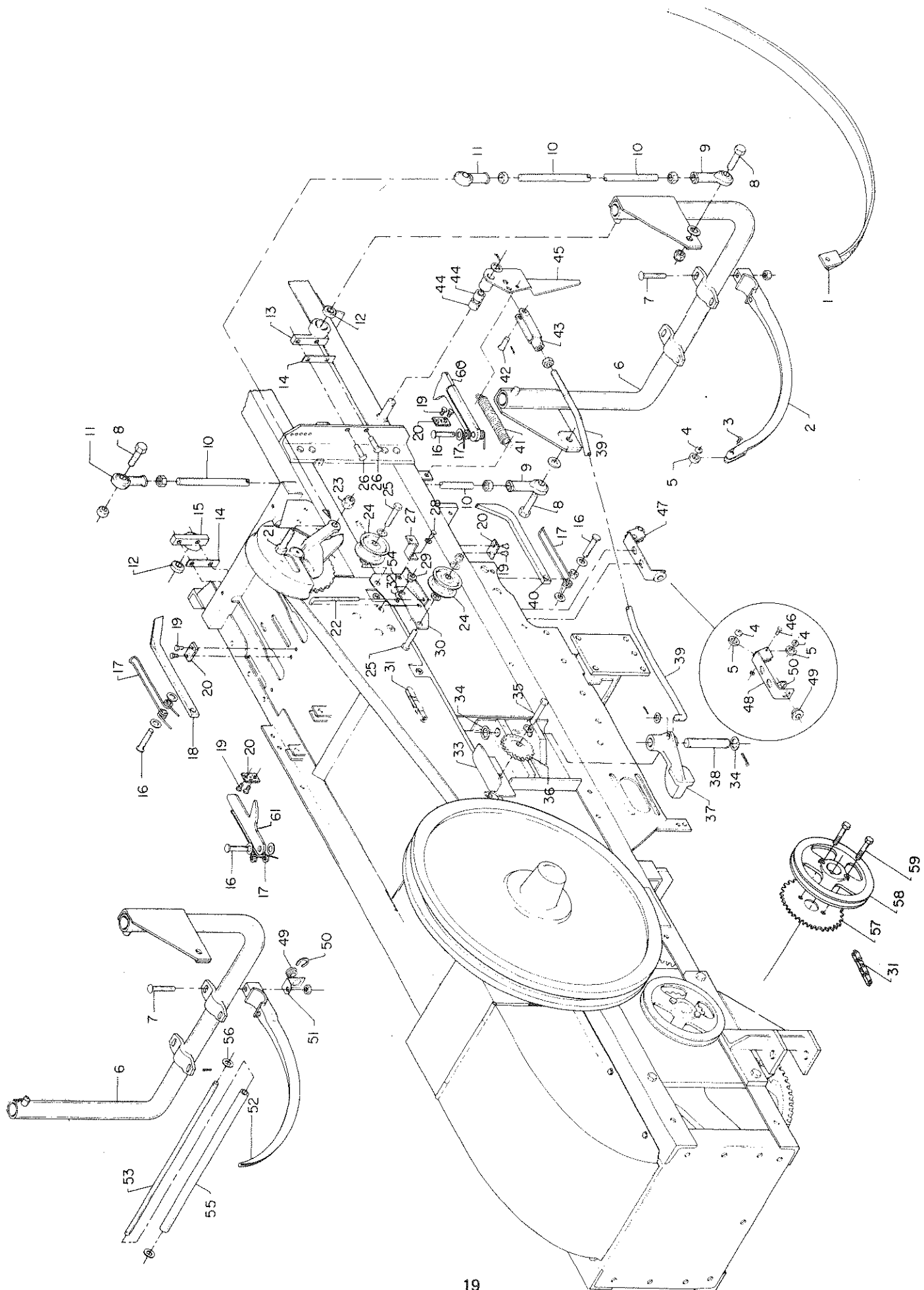
THROTTLE AND TENSION CONTROL STAND

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	STN4939	Leg, standard	19	F1129	Cable complete for throttle, 12 ft.
2		5/8" x 2" N.C. cap screw		F1011	Conduit, 12 ft.
3	STN4941	Standard only		F1012	Wire, 13 ft.
4	F1020	Clevis pin, 3/8" x 1"	20	F5554	Knob
5		5/16" x 1" N.C. cap screw	21	F1433	Throttle lever
6	F1018	Mounting base plate	22	F1002	Conical washer
7		5/16" flat washer	23		5/16" x 3/4" N.C. cap screw
8	STN4937	Mounting base angle	24		3/8" x 1" N.C. cap screw
9	F1019	Hairpin cotter key	25	FD-1	Decal
10		5/16" x 2 1/2" N.C. cap screw	26	F1452	Control box cover
11	F1004	Indicator, tension control	27	F1003	Friction disc
12	F1005	Adjusting stud nut, tension	28	F5559	Beech nut w/nut and washer
13	F1006	Adjusting rod	29	F1025	Control box complete, baler mounted
14	F1007	Control knob		F1026	Control box complete, tractor mounted
15	F1131	Thrust bearing		F1451	Control box complete, less cable & standard
16	F1008	Control box	30	F7013	Throttle cable bracket
17	F5545	Swivel fasteners, throttle	31	F5264	Clamp, throttle cable
18	F1130	Cable complete for tension control, 24 ft.			
	F1013	Conduit, tension control, 24 ft.			
	F1014	Wire, tension control, 25 ft.			



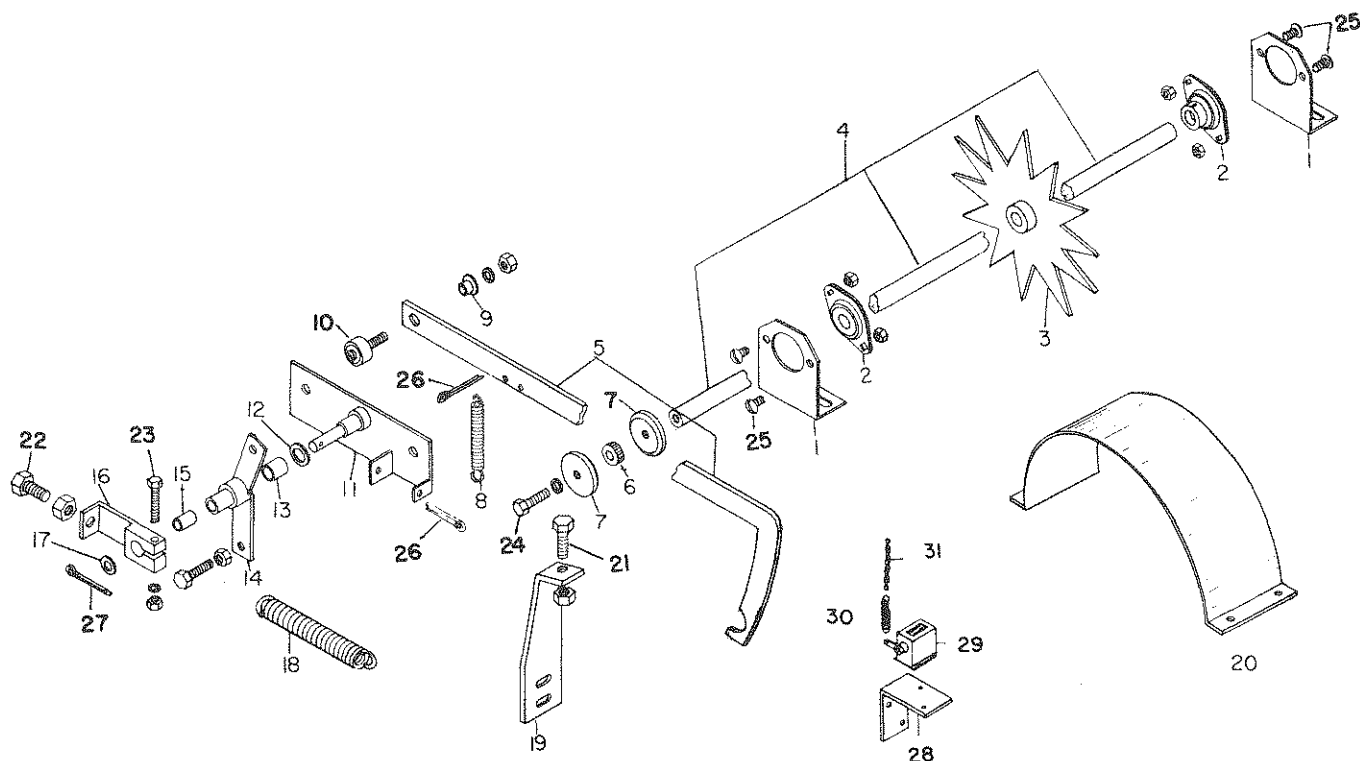
FEED ARM DRIVE, FEED ARM AND FEED FORK ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F7984	Feed fork complete	52	F7607	Bushing for F7604 latch
	F8232	Feed fork frame only	53	F7605	Latch hinge pin
2		7/16" x 1 1/2" NFHT cap screw	54	F1559	Trip arm pin
3	F1195	Clip for tines	55	F1557	O ring, 2 used
4	F1603	Tine, leading, short, 2 used	56	F8262	Trip arm sleeve
5	F1193	Bushing and stop for tines	57	F1556	Trip arm bushing
6		7/16" NF nut	58	F7606	Trip arm
7		3/8" N.C. fiber lock nut	59	F822	Cam follower for spring arm, CF1-S
8	F1189	Tine, outside center	60		5/8" N.C. nut
9	F7969	Tine, trailing, outside, 2 1/2" offset	61		5/8" x 1 3/4" N.C. cap screw
10		3/8" x 2 1/2" NFHT cap screw, 5 used	62	F1561	Trip arm spring rod clevis pin
11	F7968	Tine, trailing, center	63	F1643	Trip arm spring rod
12	F7970	Strap for feed fork tine, inside	64	F8296	Trip arm spring
13		7/16" x 1 1/4" NFHT cap screw	65		3/4" machine bushing (as required)
14	F7967	Tine, trailing, inside, 1" offset	66	F8142	Feed arm
15	F7971	Strap for feed fork tine, outside	67		5/8" N.C. fiber lock nut
16	F7529	Torque shaft, 1 1/2"	68		5/8" x 5" N.C. cap screw
17	F716	Hardened washer, 1" x 2 1/2" x .065, 4 used	69	F8136	Dust cap
18	F1260	Hardened washer, 1-3/8" x 2 1/2" x .025, 4 used	70		10-32 x 3/8" flat head socket cap screw
19	F1259	Spacer for F1071	71		1/2" x 4" NFHT cap screw, 3 used
20	F1071	Inner race, IR1812, 4 used	72		1/2" x 1/2" hollow head set screw, 3 used
21	F486	Bearing block with bearings, 2 used	73	ZZ425	Key, feed arm drive shaft, 5/8" x 5/8" x 2 1/4"
22	F481	Bearing, B1212, 4 used	74	CRA70720	Crank arm
23	F802	Washer, bearing pin	75	F8130	Retaining ring, RR425
24	F485	Bearing pin, 4 used	76	F8129	Plug cap, HP 4 1/4"
25	F1306	Crank pin only, 2 used	77	F8131	Nut, bearing takeup, N-12, 2 used
26	F1386	Lock nut, 1" jam	78	F8132	Lock washer, W-12
27	F484	Strap for universal, 4 used	79		7/8" N.F. elastic stop nut
28		1/2" x 2 1/2", N.C. cap screw	80	F8134	Bearing cone, JLM710949, 2 used
29	F354	Adjusting block, R.H. thread	81	F8133	Bearing cup, JLM710910, 2 used
30	F8236	Feed arm conn. rod only	82		3/4" N.C. fiber lock nut, 2 used
31	F7603	Thrust washer	83	F1661	Hydraulic shut-off fitting, No. 1940B
32	F7612	Bushing, 1-3/16" x 1-5/16" x 1 1/4"	84		3/4" x 2" N.C. cap screw, 2 used
33	F8238	Shim washer, 1.198 x 2" x .005"	85	F8126	Pivot shaft
	F8239	Shim washer, 1.198" x 2" x .007"	86	F8135	Oil seal, 55304
	F8240	Shim washer, 1.198" x 2" x .030"	87	F8137	Pivot shaft strap, rear, 16" chamber
34	F7578	Thrust bearing block	88		3/4" x 2 1/2" N.C. cap screw, 2 used
35		1/2" x 1 1/2" N.C. cap screw, 8 used	89	F8185	Pivot shaft strap, front, 16" chamber
36		3/4" star lock washer	90		3/4" x 1 1/4" N.C. cap screw, 2 used
37	F4050	Latch roller	91	F8128	Feed arm bearing housing with bearing cups
38		3/8" N.F. fiber lock nut	92	F8241	Washer, 2-3/16" O.D. x 0.880 I.D. x 3/16"
39	F7533	Roller plate	93	F8195	Feed arm pivot shaft assembly, (Ref. 16, 26, 37-70, 75-91, 100)
40	F7534	Bolt, 3/8" x 2 3/4" NFHT	94		1/2" high nut
41		3/8" x 2 3/4" N.C. hollow head cap screw	95	WAS104	1/2" structural washer
42		1/2" N.F. nut	96		5/8" x 3 1/2" N.F. cap screw
43	F7532	Bottom plate	97	F8237	Feed arm conn. rod assembly
44		1/2" x 3" N.F. grade 8 cap screw	98	F1450	Crank pin complete with races, washers and nuts
45	F8139	Pivot shaft sleeve	99	F482	Universal joint complete, R.H. thread
46	F8141	Bushing for torque shaft bearing	100	F8140	Jam nut, 2" - 12
47	F8127	Torque shaft bearing with bushing			
48	F8187	Pivot shaft washer, 2-5/8" x 3 1/2" x 14 ga.			
	F8334	Pivot shaft washer, 2-5/8" x 3 1/2" x 20 ga.			
49	F8315	Washer, 1/2" x 7/8" x .030"			
50	F7604	Latch			
51	F7610	Quad ring for F7604 latch			



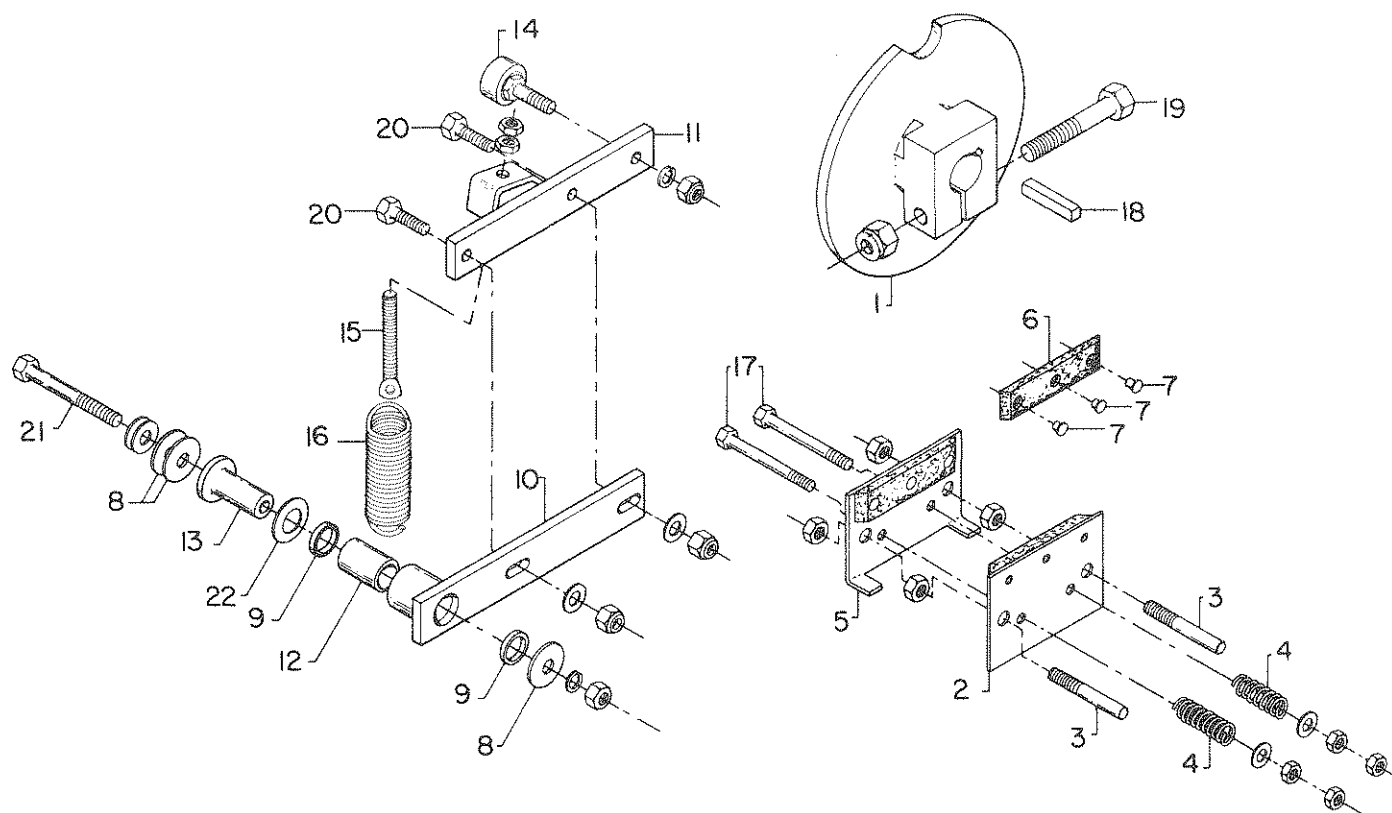
KNOTTER DRIVE AND NEEDLE AND YOKE ASSEMBLY

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	F7558	Needle yoke, twine
	F8367	Needle yoke, wire
7	F7552	Bolt with nut, 1/2" x 3/4" 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
19		1/4" x 1/2" self-tapping screw
20	F1589	Rubber pads
21	F1551	Bolt, drive rod to clutch
22	F8084	Chain tightner adjusting bolt
23		3/4" NF elastic stop nut
24	F883	Idler pulley and tightner, knotter chain, 2 used
25		1/2" x 2 3/4" N.C. cap screw, 2 used
26		1/2" x 1 1/4" N.C. cap screw
27	F8154	Bracket for knotter drive chain shield
28		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		1" x 14 ga. machine bushing
35		1/2" x 3/4" 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
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
46		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	F8109	Bottom twine guide rod
54	F8086	Idler roller bracket
55	F8110	Bottom twine guide pipe
56		1/2" flat washer
57	F753	Sprocket, knotter drive, 32T No. 60
58	F9A	Sheave, pickup drive
59		1/2" x 2 3/4" N.C. cap screw
60	F7562	Hay dog, L.H.
61	F7563	Hay dog, R.H.



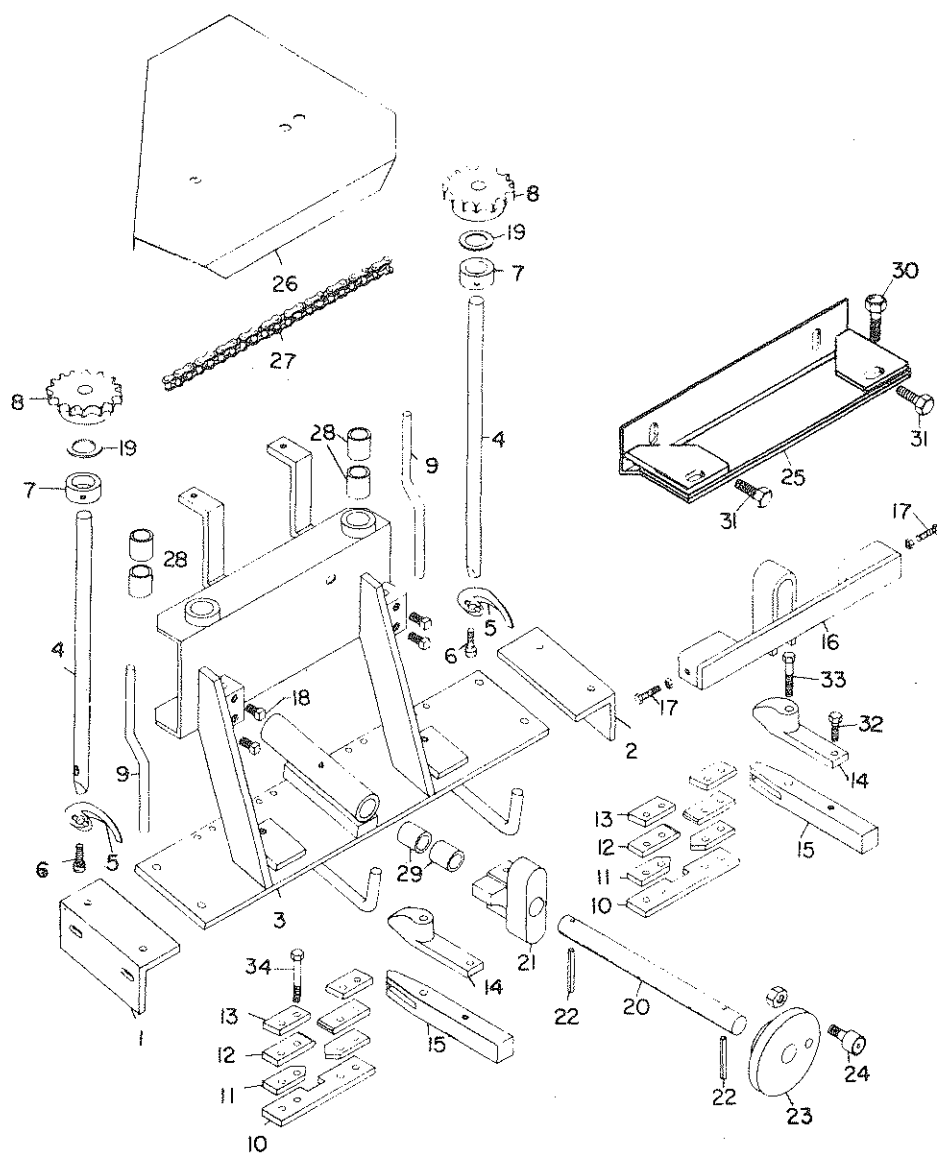
KNOTTER TRIP ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F1617	Meter wheel shaft bracket, 2 used	17		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		1/2" x 1 1/4" N.C. cap screw, trip bar stop
3	F1531	Meter wheel, 10"	22		1/2" x 1 1/4" N.C. cap screw, clutch stop
4	F8034	Meter wheel shaft	23		5/16" x 2" N.C. cap screw, clutch stop clamp
5	F1686	Meter trip bar	24		3/8" x 1 1/4" N.C. cap screw, knurled roller and washer
6	F1687	Knurled friction disc	25		5/16" x 3/4" NCBH machine screw, bearing to bracket
7	F8023	Guide washer	26		3/16" x 3/4" cotter key
8	F278	Spring	27		1/8" x 1" cotter key
9	F440	Ferrule	28	F7391	Bale counter mounting angle
10	F1572	Cam follower bearing	29	F304	Bale counter, Veeder Root
11	F1513	Knotter trip mount		F635	Arm w/screw for F304
12		3/4" x 1 1/4" - 10 ga. machine bushing		F636	Reset knob for F304
13	F7227	Bushing, 3/4" x 7/8" x 3/4" oilite		F638	Spring, bale counter
14	F1514	Reset lever		F637	Chain, bale counter
15	F1568	Bushing, rest lever, 1/2" x 5/8" x 1" oilite			
16	F1515	Clutch stop lever			



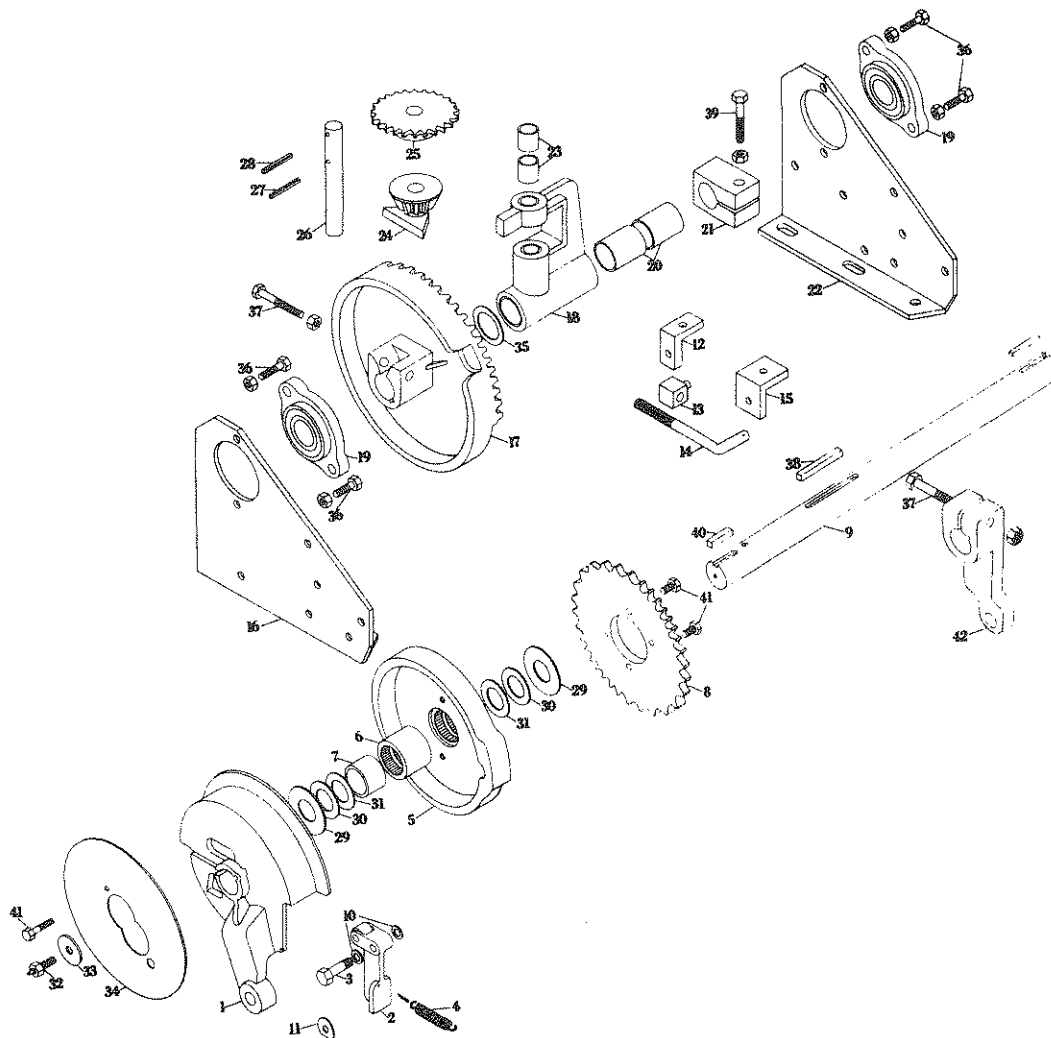
KNOTTER BRAKE ASSEMBLY

REF. NO.	PART 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		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		1/2" x 3/4" NC cap screw w/fibre lock nut for brake clamp
20		5/16" x 1 1/4" NC cap screw w/fibre lock nut for saddle lever
21		3/8" x 3 1/2" NC cap screw w/fibre lock nut for saddle lever anchor



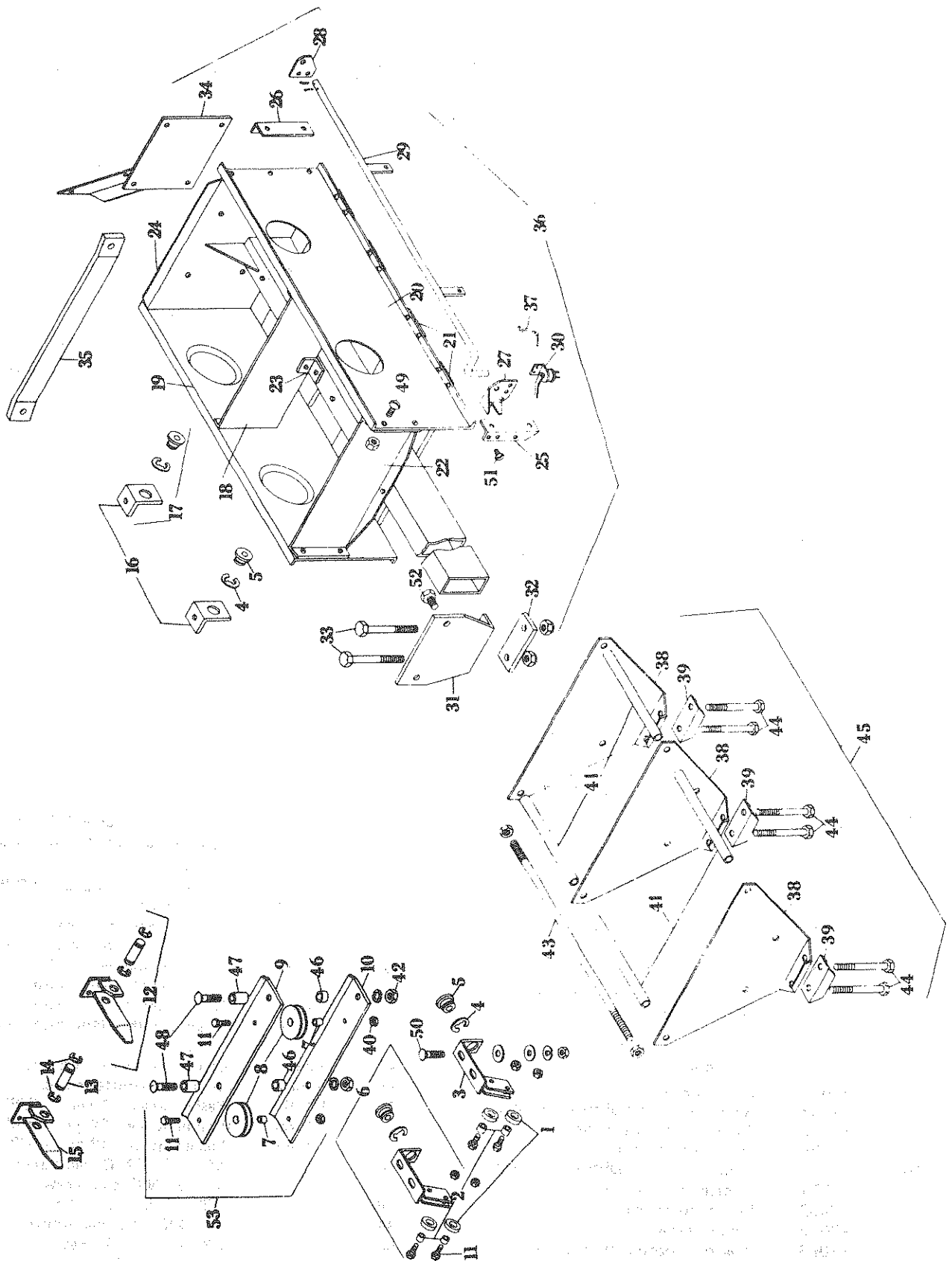
WIRE KNOTTER

F. PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
F7062	Knotter mounting angle, L.H.	19		Washer, 10 ga., 3/4"
F7065	Knotter mounting angle, R.H.	20	F7077	Cam shaft
F7311	Twister and shuttle bar frame	21	F7075	Shuttle bar drive cam
F7089	Twister shaft	22	F7076	Roll pin, 1/4" x 1 1/2"
F4046	Twister hook	23	F7078	Shuttle bar crank flange
F7248	Twister hook bolt	24	F7079	Cam follower
F172	Set collar, 3/4"	25	F7353	Upper wire guide bracket
F4024	Sprocket, twister shaft, 15T	26	SHD7800	Shield
F7318	Wire holder rod	27	F7348	Twister drive chain, 64P, No. 40
F7087	Wire knife			
F7086	Gripper spacer, bottom	28	F7227	Bushing, twister shaft
F7085	Wire gripper	29	F7227	Bushing, cam shaft
F7084	Gripper top plate	30		3/8" x 1 1/4" N.C. cap screw
F7312	Wire divider	31		3/8" x 1" N.C. cap screw
F7313	Wire gripper tongue	32		5/16" x 3/4" N.C. cap screw
F7316	Shuttle bar with adjusting screws	33		3/8" x 2 1/2" NFHT cap screw
F7081	Shuttle bar adjusting screws	34		5/16" x 1 1/4" NFHT cap screw
	3/8" x 3/4" N.C. square head set screw			



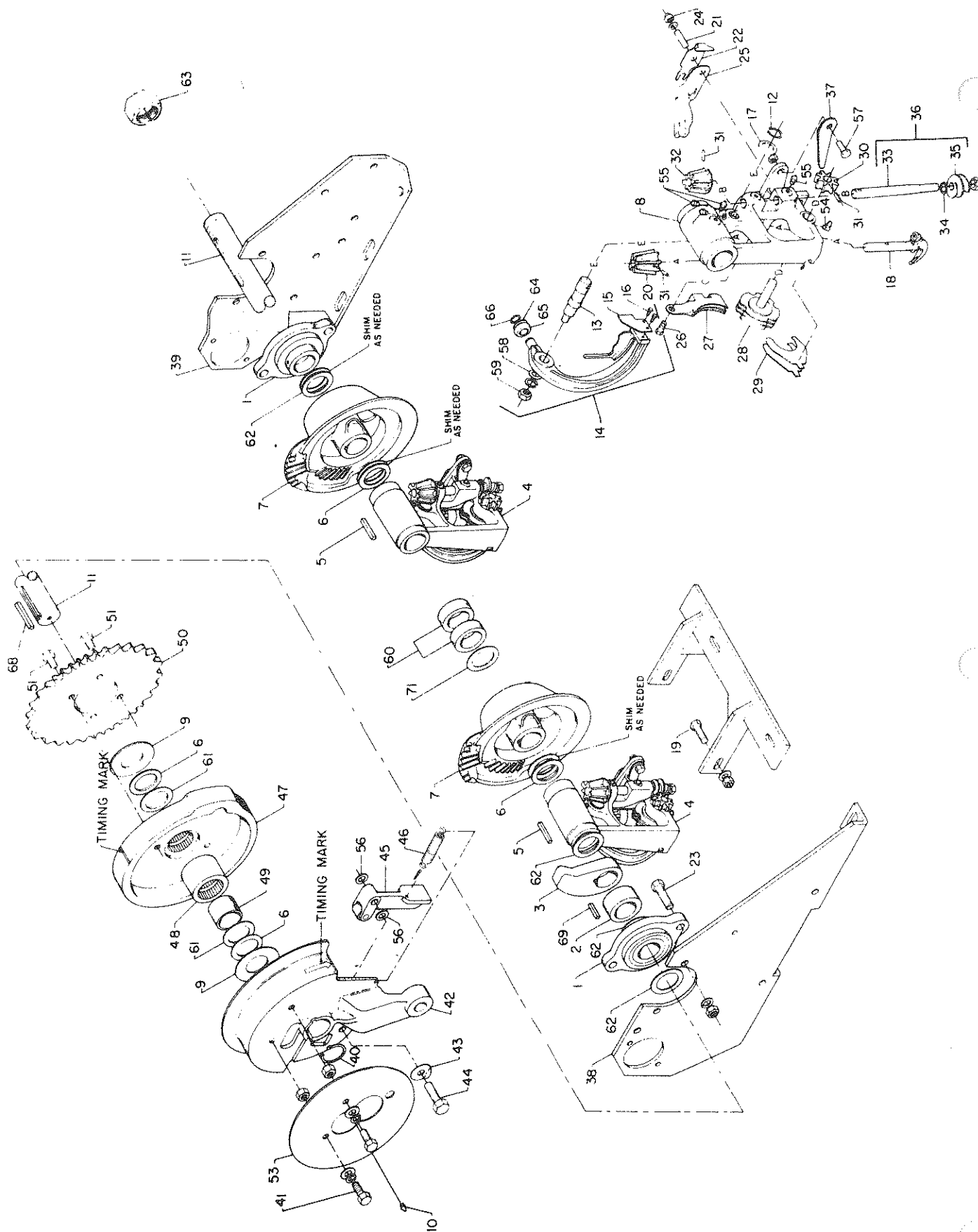
WIRE KNOTTER

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	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	F8366	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	F7333	Angle for chain tightner rod, small	34	F7987	Shield for knotter clutch
13	F7335	Block for chain tightner rod	35	F4159	Washer spacer, 10 ga., 1-3/8" I.D.
14	F7334	Chain tightner rod		F4160	Washer spacer, 14 ga., 1-3/8" I.D.
15	F7332	Angle for chain tightner rod, large		F4161	Washer spacer, 18 ga., 1-3/8" I.D.
16	F7571	Knotter mount, L.H.	36		3/8" x 1 1/2" N.C. cap screw
17	F7432	Intermittent gear	37		1/2" x 3" N.C. cap screw
18	F7072	Pinion frame	38		3/8" x 3/8" x 2 3/4" key
19	F7063	Bearing, knotter shaft, 2 used	39		1/2" x 2 3/4" N.C. cap screw
20	F4137	Bushing for F7072 frame, 1-3/8" x 1 1/2" x 2"	40		3/8" x 3/8" x 2" key
21	F4138	Clamp collar	41		3/8" x 1" N.C. cap screw
22	F7570	Knotter mount, R.H.	42	F7461	Needle yoke drive arm
				F7686	Wire knotter complete with clutch & brake



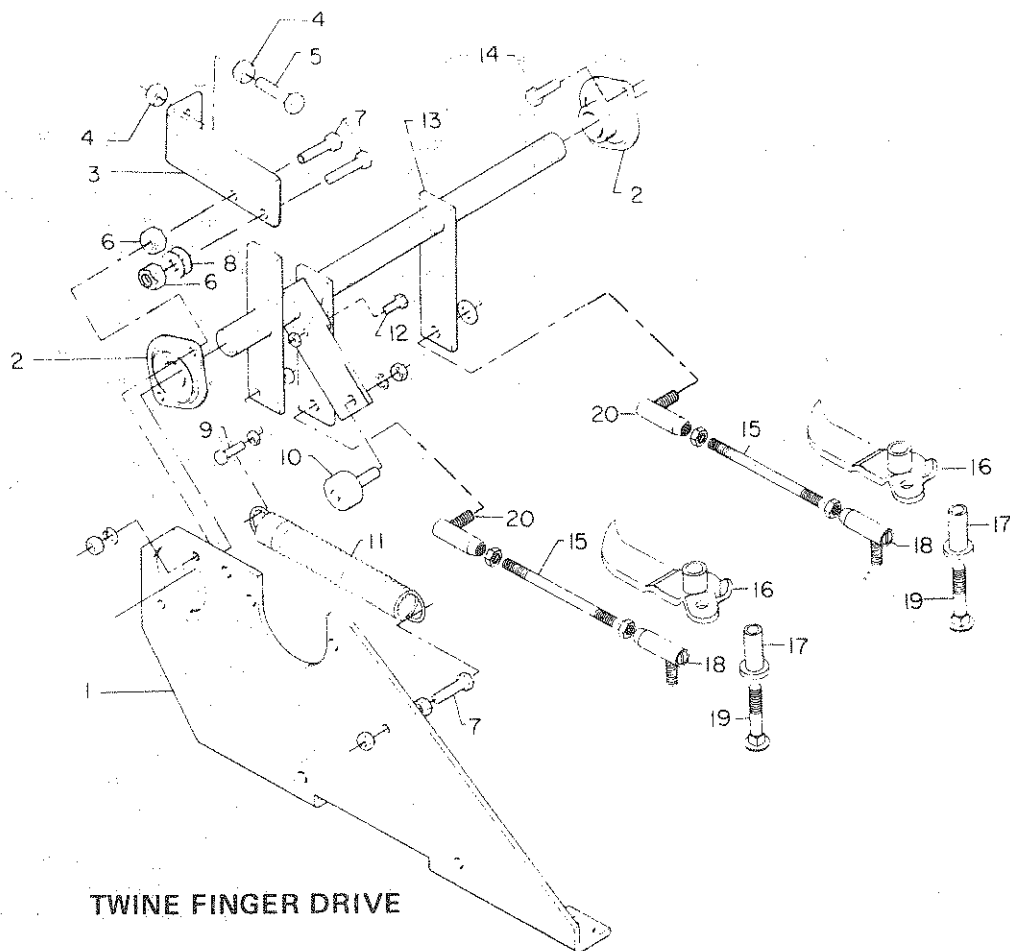
WIRE BOX AND WIRE GUIDES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F4014	Roller for wire guide and needle	27	F4191	Mounting bracket for wire alarm rod, L.H.
2	F4015	Bushing for F4014 roller	28	F4190	Mounting bracket for wire alarm rod, R.H.
3	F4222	Wire guide frame only, lower rear	29	F7716	Rod for wire alarm
4	F857	Snap ring for F856 bushing	30	F946	Switch only for wire alarm
5	F856	Wire guide bushing	31	F7555	Wire box mounting bracket
6	F4205	Wire guide complete, lower rear	32	F7556	Bottom support plate for F7555
7	F4068	Bushing for F4067 roller	33		Bolt with nut, 1/2" x 5 1/2", N.C. cap screw
8	F4067	Roller, lower front wire guide	34	F7557	Wire box mounting bracket, R.H.
9	F8297	Wire guide top bracket	35	F7705	Brace for F7557, R.H. wire box bracket
10	F8308	Wire guide bottom bracket	36	F7717	4 compartment wire box complete with braces and harness
11		Bolt with lock nut 1/4" x 1", N.C. cap screw	37	F4210	Spring for wire alarm rod
12	F4203	Upper wire guide complete with pin	38	F6317	Wire carrier end plate
13	F4204	Upper wire guide wear pin	39	F6318	Wire carrier clamp
14	F5159	Snap ring for wear pin	40	F7231	1/4" N.C. fiber lock nut
15	F4225	Upper wire guide, bracket only	41		Pipe spacer, wire carrier
16	F4163	Wire guide bracket, rear	42		3/8" N.C. fiber lock nut
17	F4224	Wire guide bracket complete with bushing	43	F4206	Stay bolt, wire carrier
18	F7637	Wire box divider	44		3/8" x 5" N.C. cap screw
19	F7981	Wire box side, front	45	F4229	Wire carrier complete
20	F7982	Wire box side, rear	46	F8176	Spacer, 13/32"
21	F7640	Wire box bottom slats	47	F8175	Spacer, 1 1/2"
22	F7641	Wire box end, left	48		3/8" x 3", No. 3 plow bolt, 2 used
23	F7642	Wire box divider angle	49		5/16" x 3/4" machine screw
24	F7643	Wire box base with end plate	50		3/8" x 1 1/2" N.C. carriage bolt
25	F7644	Angle for wire alarm mounting bracket, L.H.	51		1/4" x 1/2" machine screw
26	F7645	Angle for wire alarm mounting bracket, R.H.	52		1/2" x 3/4" N.C. cap screw
			53	F8298	Wire guide complete, lower front



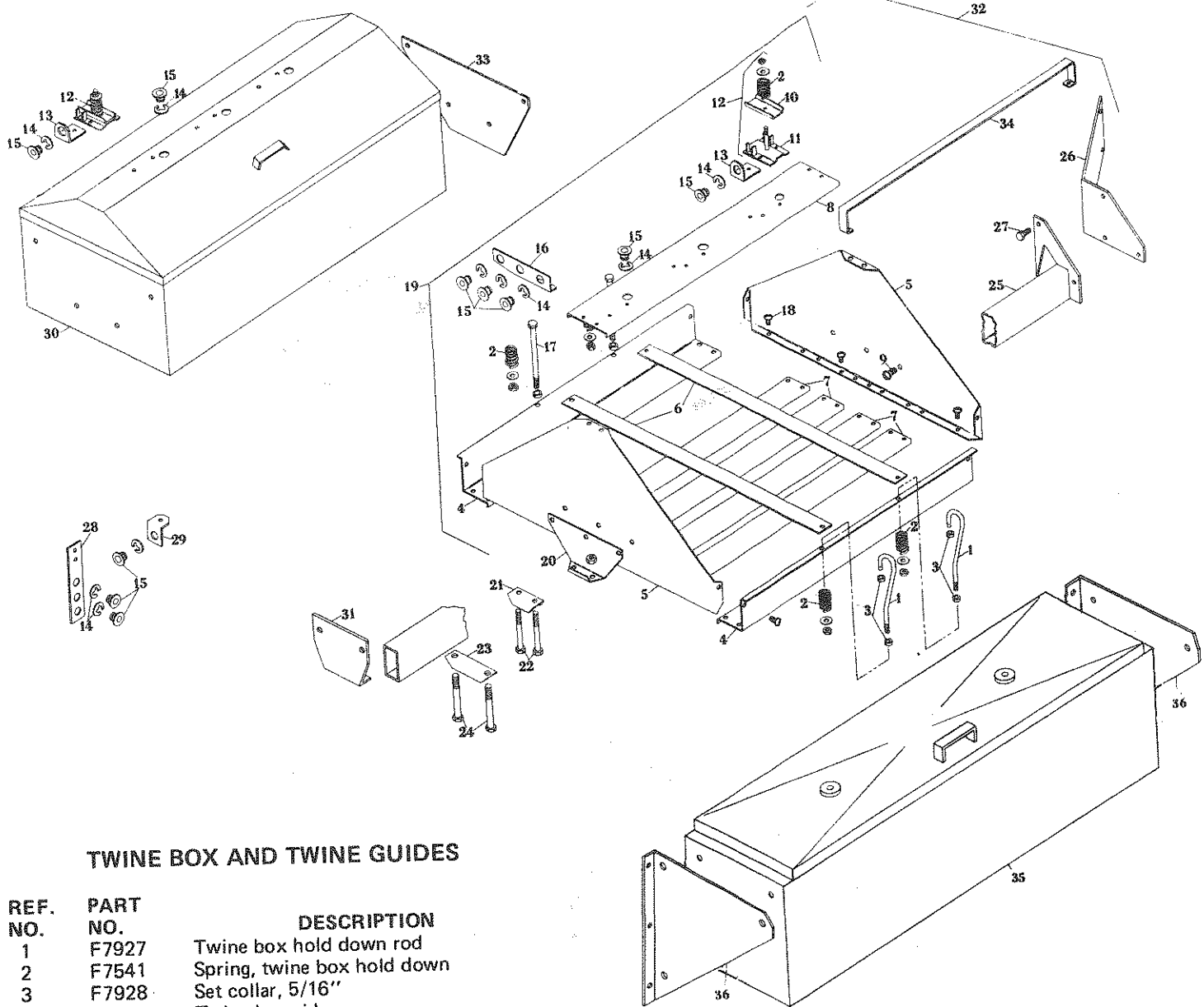
TWINE KNOTTER 200

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	103/8" 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.
	F7904	Key, 3/8" x 3/8" x 2", clutch	40	F7988	Snap ring, No. 5160-137
	F8054	Key, 3/8" x 3/8" x 3/4", cam	41		3/8" x 1" N.C. cap screw, 2 used
6	F4159	Knotter shaft spacer washer, 10 ga.	42	F7519	Clutch w/pawl, 1-3/8" shaft
7	F7942	Knotter cam gear	43	F1620	Clutch pawl pin lock
8	F7943	Knotter frame only	44	F1633	Clutch pawl pin
9	F4136	Hardened washer, 1-3/8" I.D., 16 ga.	45	F1622	Clutch pawl
10		1/8" P.T. straight grease fitting, No. 1710B	46	F4115	Spring clutch pawl
11	F8387	Knotter shaft, adjustable	47	F4133	Notched clutch disc w/F4134 bearing
12	F7976	Snap ring for knife arm pin	48	F4134	Bearing
13	F7884	Knife arm pin	49	F4135	Inner race
14	F8050	Knife arm complete	50	F755	Sprocket, knotter clutch, 60A32
15	F8049	Twine knife	51		3/8" x 1" N.C. cap screw
16	F7859	Twine knife screw	52	F8388	Knotter head anchor
17	F7860	Knife arm washer	53	F7987	Shield for knotter clutch
18	F7861	Knotter bill hook	54	F7882	Zerk, 90 degree
	F8068	Knotter bill hook pinion spacer washer, .020"	55	F7883	Zerk, straight
	F8069	Knotter bill hook pinion spacer washer, .035"	56	F1623	Washer, clutch pawl
	F8070	Trigger for F7861 knotter bill hook	57		3/8" x 1" cap screw
	F8071	Pin for F8070 trigger	58	F7892	Knife arm shaft washer
19		3/8" x 1 1/4" N.C. cap screw	59	F7893	Knife arm shaft nut
20	F7862	Pinion, knotter hook	60	F8066	Knotter shaft spacer 1", 2 used
21	F7948	Knotter hook cam adjusting screw	61	F4161	Knotter shaft spacer washer, 18 ga.
22	F7947	Knotter hook cam adjusting spring	62	F4160	Knotter shaft spacer washer, 14 ga.
23		7/16" x 1 1/2" N.F. cap screw	63		1-3/8" N.F. elastic stop jam nut
24	F7949	Knotter hook cam adjusting screw nut	64	F8280	Washer
25	F8051	Knotter hook cam	65	F8274	Roller
26	F7867	Twine holder bolt	66	F8275	Snap ring
27	F7868	Twine holder	67	F7977	Knotter shaft spacer washer, .010"
28	F7869	Twine disc		F7978	Knotter shaft spacer washer, .005"
29	F7870	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", 2 used
31	F7872	Roll pin	SHIMS AS NEEDED:		
32	F7873	Pinion, knotter worm		F7977	Knotter shaft spacer washer, .010"
33	F7874	Knotter worm shaft		F7978	Knotter shaft spacer washer, .005"
34	F1680	Washer, knotter worm shaft, 28 ga.	TKN7843	Twine knotter assembly complete with mounts, clutch assembly and brake assembly	
	F657	Washer, knotter worm shaft, 10 ga.	TKN7844	Twin knotter shaft assembly with clutch and brake disc	
	F658	Washer, knotter worm shaft, 14 ga.			
	F659	Washer, knotter worm shaft, 18 ga.			



TWINE FINGER DRIVE

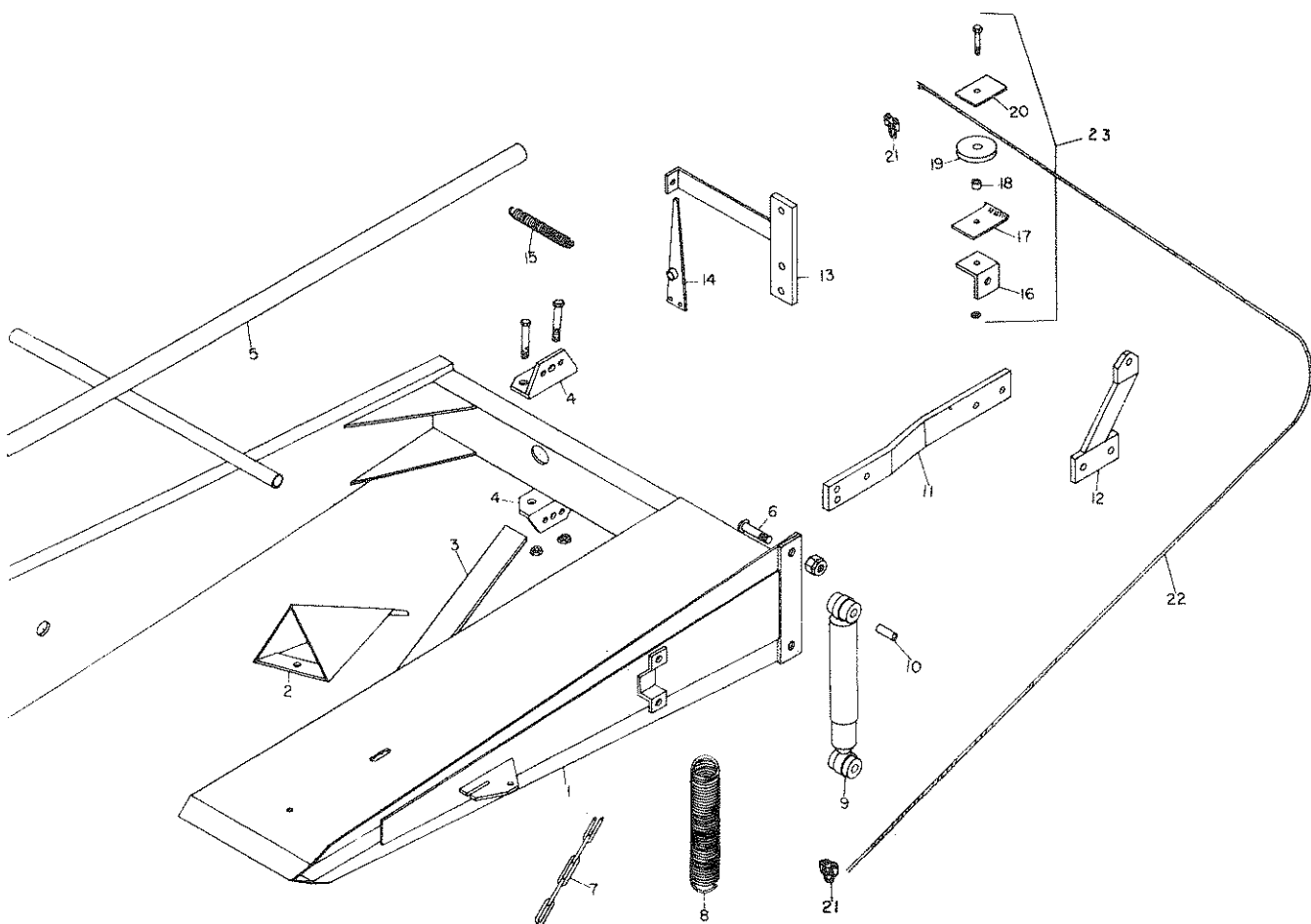
REF. NO.	PART NO.	DESCRIPTION
1	F8369	Twine knotter mount, L.H.
2	F8095	Bearing, twine finger drive rod
	F6003	Bearing only, RA100NPPB
	F8384	Locking collar only, S100K
	F6004	Flangette only, 52MST
3	F7959	Twine finger stop bracket
4		3/8" N.C. nut, 2 used
5		3/8" x 2" N.C. cap screw
6		1/2" N.C. nut, 2 used as spacers
7		5/16" x 1 1/2" N.C. cap screw, 4 used
8		3/8" washer, 2 used
9		1/4" x 1 1/4" N.C. cap screw
10	F1572	Cam follower
11	F1517	Spring, twine finger return
12		1/4" x 1" N.C. cap screw
13	F8392	Twine finger drive shaft assembly
14		5/16" x 1" N.C. cap screw
15	F8391	Twine finger drive rod
16	F7885	Twine finger
17	F181	Bushing, twine finger
18	F1295	Ball joint, twine finger drive, L.H. thread
	F1343	Ball only, for F1295
	F1345	Body only, L.H. threads for F1295
	F1346	Threaded plug for F1295
	F1347	Half bearing & spring for F1295
19	F1672	3/8" x 2 1/2", Grade 8 carriage bolt with nut
20	F1294	Ball joint, twine finger drive, R.H. thread
	F1343	Ball only, for F1294
	F1344	Body only, R.H. threads for F1294
	F1346	Threaded plug for F1294
	F1347	Half bearing & spring for F1294



TWINE BOX AND TWINE GUIDES

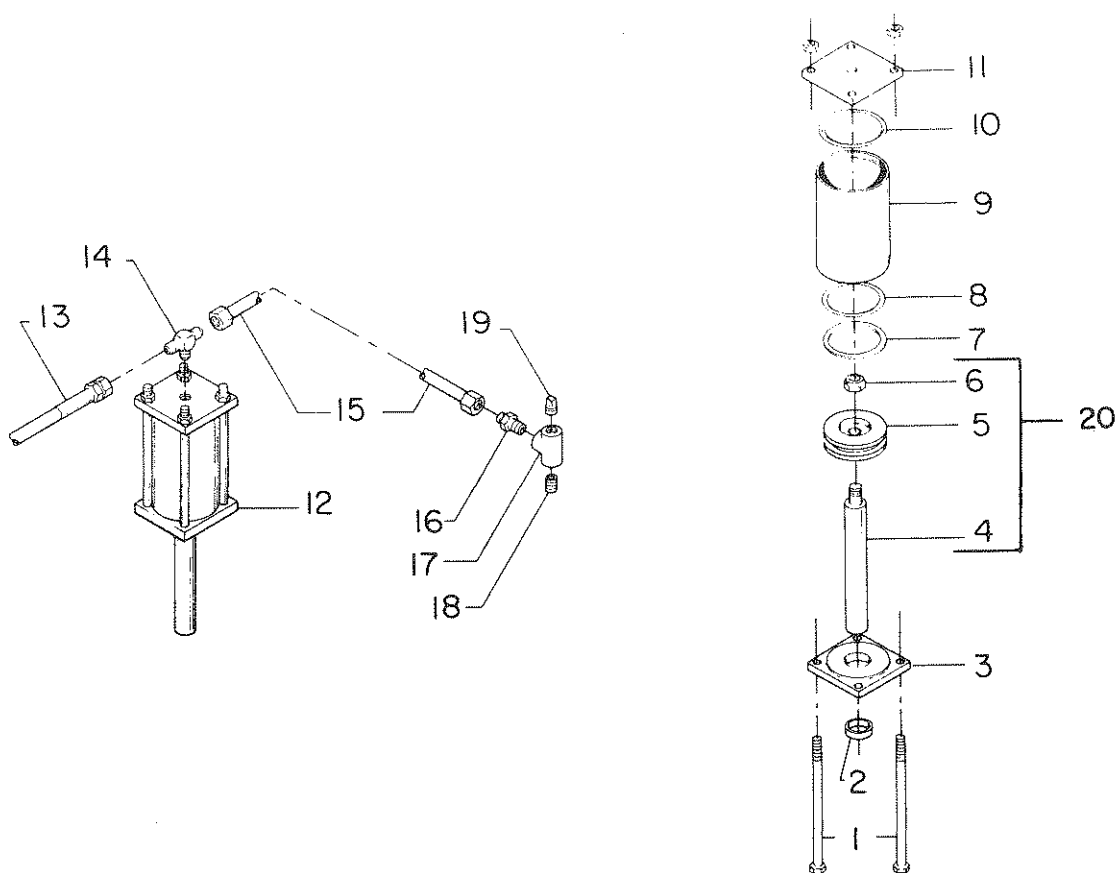
REF. NO.	PART NO.	DESCRIPTION
1	F7927	Twine box hold down rod
2	F7541	Spring, twine box hold down
3	F7928	Set collar, 5/16"
4	F7929	Twine box side
5	F7930	Twine box end
6	F7931	Twine box hold down
7	F7932	Twine box bottom
8	F7933	Twine box top section
9		3/8" x 3/4" flat head machine screw
10	F7890	Twine tension top
11	F7889	Twine tension base
12	F7891	Twine tension assembly
13	F7898	Twine guide bushing holder
14	F857	Snap ring for F856
15	F856	Twine guide bushing
16	F7934	Twine guide bracket
17	F7935	Twine box hold down bolt
18		1/4" x 1/2" flat head machine screw
19	F7936	Twine box complete, 9 compartment, large plastic twine ball, Ref. 1-18
20	F7937	Twine box bracket
21	F6318	Twine box clamp
22		3/8" x 5" N.C. cap screw
23	F7556	Bottom support plate for F7555
24		1/2" x 5 1/2" N.C. cap screw
25	F7938	Twine box base tube with end mount
26	F8194	Twine box mounting bracket, R.H.
27		3/8" x 1" N.C. cap screw

REF. NO.	PART NO.	DESCRIPTION
28	F524	Holder for twine guide bushing
29	F7973	Holder for needle twine guide bushing
30	F8064	Twine box, 6 compartment, dome lid
	F7974	Twine box, 8 compartment, dome lid
	F8389	Twine box, 12 compartment, dome lid
31	F7555	Twine box tube mounting bracket, left hand
32	F7985	Twine box, 9 compartment large plastic twine balls, complete with base tube and mounting brackets
33	F6317	Twine box bracket
34	F8279	Guard, twine tension
35	F1465	Twine box, 4 compartment
36	F7136	Bracket for mount, 4 compartment, twine can



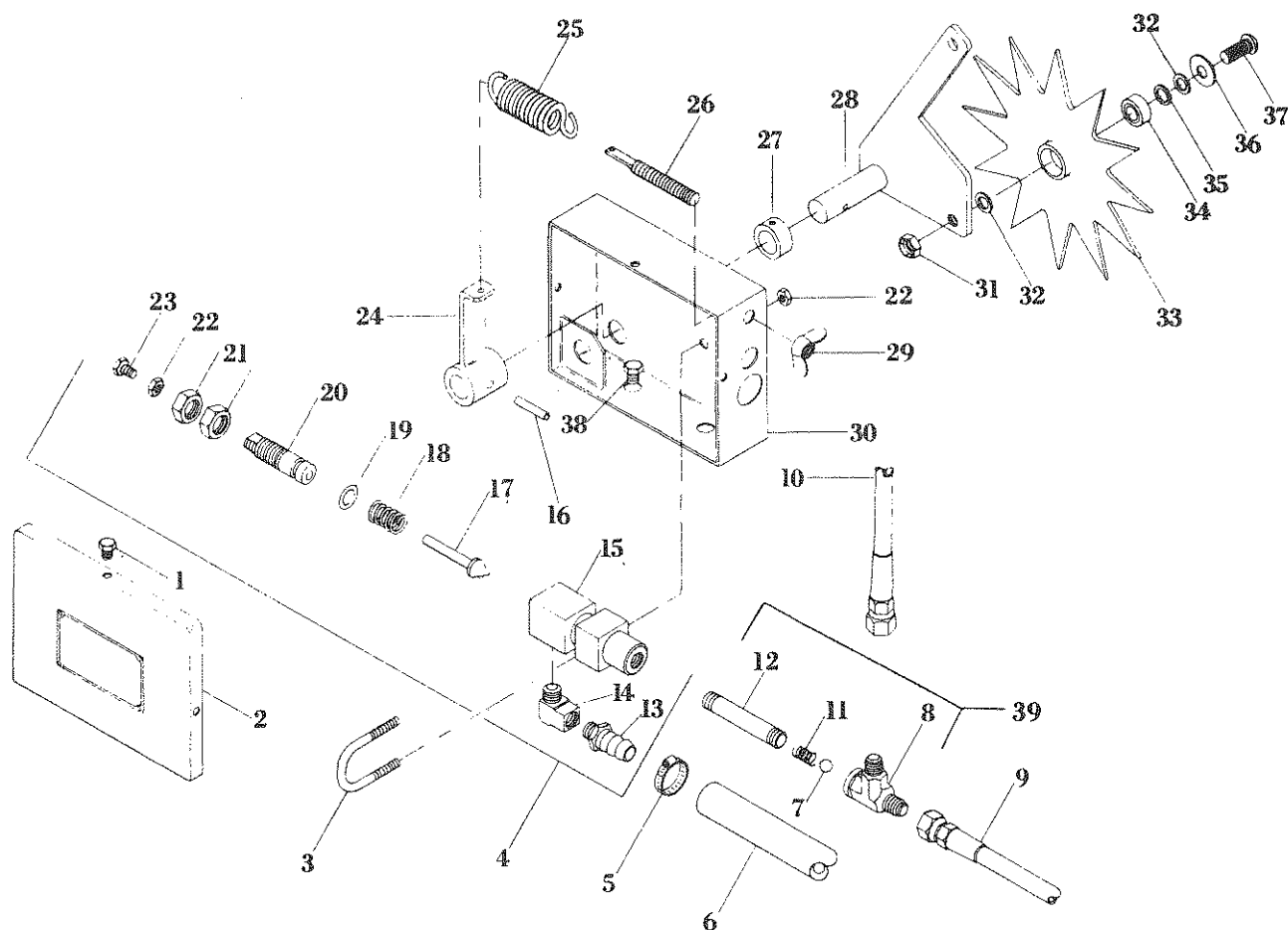
BALE CHUTE AND WEIGHT INDICATOR

PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
F7601	Bale chute, frame only	12	F1639	Cable bracket
F7655	Bale turner	13	F997	Weight indicator bracket
F7656	Bale skid	14	F998	Indicator hand
F7657	Bale skid bracket, 2 used	15	F268	Indicator return spring
F7624	Flat chute adapter for combination chute	16	F999	Mounting angle for F7236 sheave
F7658	Button head bolt, 1/2" x 1 1/2"	17	F994	Shield for F4067 roller
F7659	Chain, bale chute	18	F4068	Bushing for F4067 roller
F985	Spring, bale chute	19	F4067	Roller for F7236 sheave
F988	Shock absorber	20	F995	Plate for F4067 roller
F993	Bushing for shock absorber	21	F990	Cable clamp, 1/8", 2 used
F1638	Shock absorber support	22	F7661	Indicator cable, 1/8" aircraft 65"
		23	F7236	Sheave complete, bale weight indicator



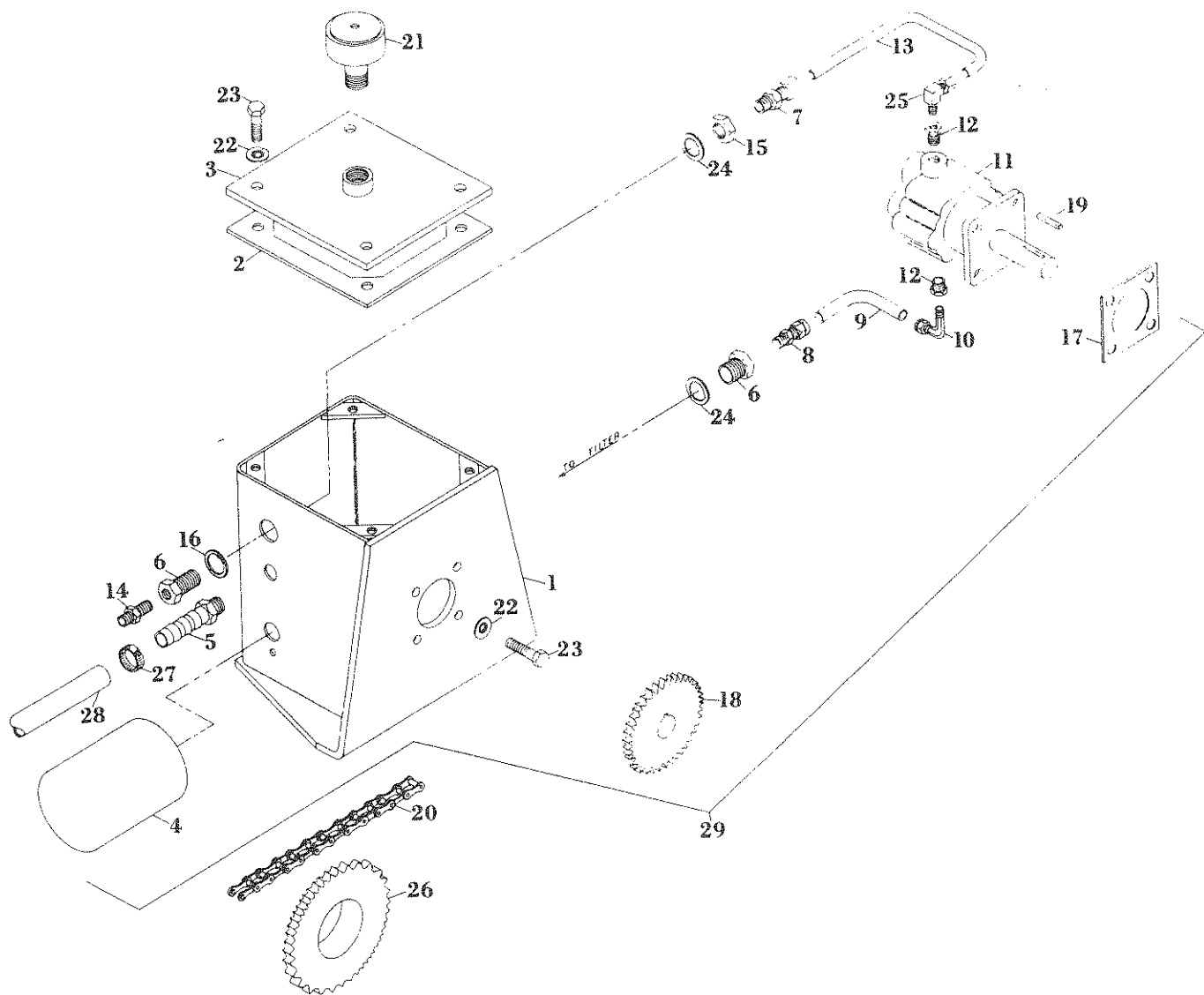
TENSION CONTROL RAM

REF. NO.	PART NO.	DESCRIPTION
1	FT235	Tie bolt with nut, 3/8" x 7 1/2", 4 used
2	FT19	Bushing for FT14, 1" x 1 1/4" x 5/8"
3	FT14	Cylinder bottom with bushing
4	FT233	Piston rod
5	FT236	Piston head
6		1/2" NF elastic jam nut
7	FT137	Backup ring
8	FT12	"O" ring for piston
9	FT250	Cylinder
10	FT12	"O" ring top seal
11	FT251	Cylinder top, 1977
12	FT7602	Cylinder complete
13	FT221	Pressure hose, bypass to ram, 24"
14	FT220	3/8" JIC male branch tee, C5605 x 6 WH
15	FT230	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	FT237	Piston complete
	FT238	Single ram assembly complete, including FT214 (not shown)



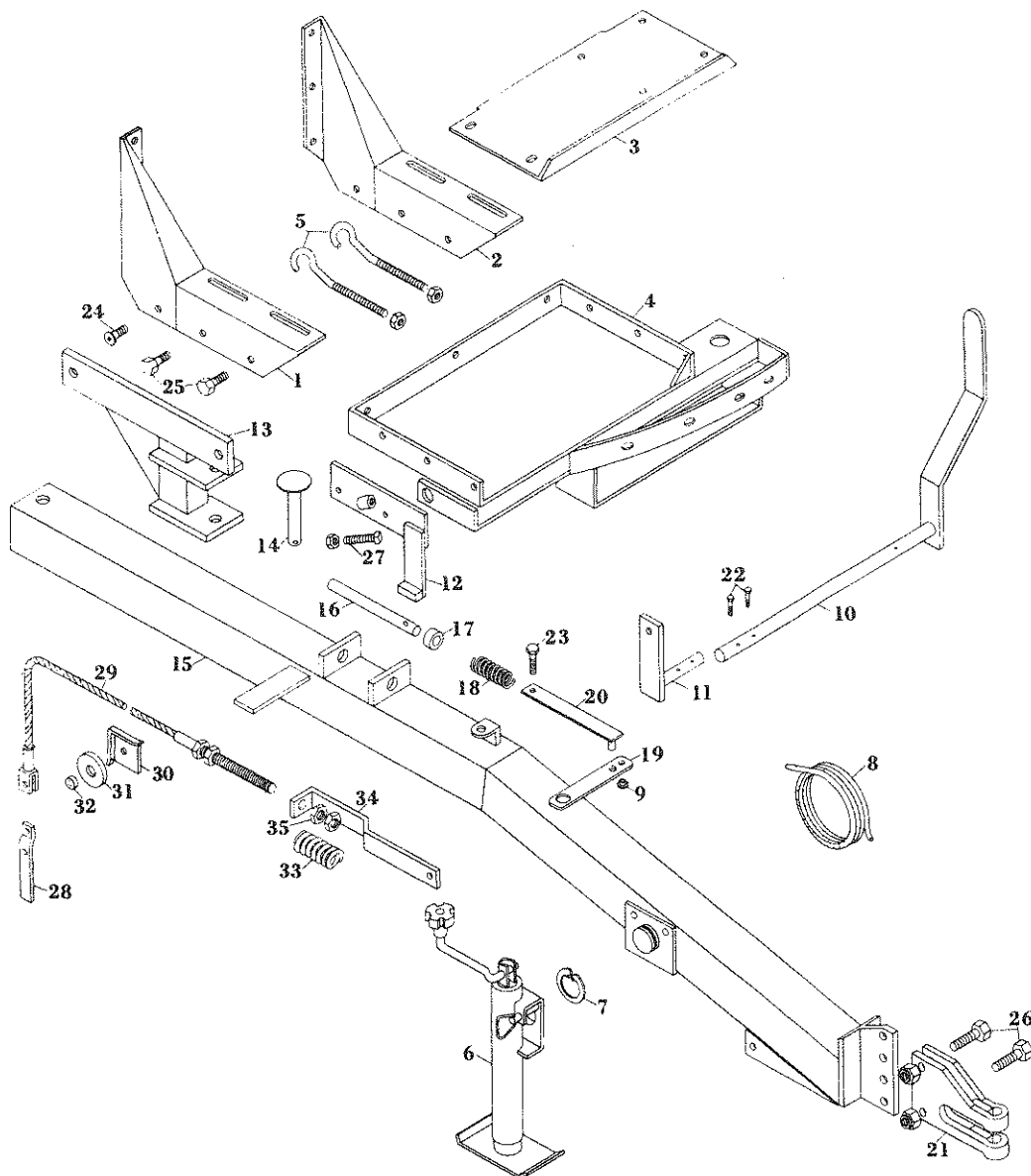
TENSION CONTROL BYPASS BOX

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1		1/4" x 1/2" N.C. cap screw	22		1/4" N.C. nut
2	FT50	Bypass box cover	23		1/4" x 1 1/4" N.C. cap screw
3	FT58	U-Bolt	24	FT245	Bypass lever
4	FT185	Bypass assembly complete	25	FT213	Adjusting screw tension spring
5	FT252	Hose clamp, GS-5 Murray	26	FT6205	Adjusting screw
6	FT191	Bypass return hose, 1/2" x 93"	27	FT172	3/4" set collar
7	FT512	Check ball	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, 90"	30	FT194	Bypass box
10	FT221	1/4" hydraulic hose, bypass to ram, 24"	31		3/8" pal nut
11	FT248	Spring, LC-O-26-E- 11 Lee	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		1/4" x 1 1/4" roll pin	37	FT211	Button head bolt, 3/8" x 1"
17	FT87	Bypass check pin	38		3/8" x 1/2" N.C. cap screw
18	FT63	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



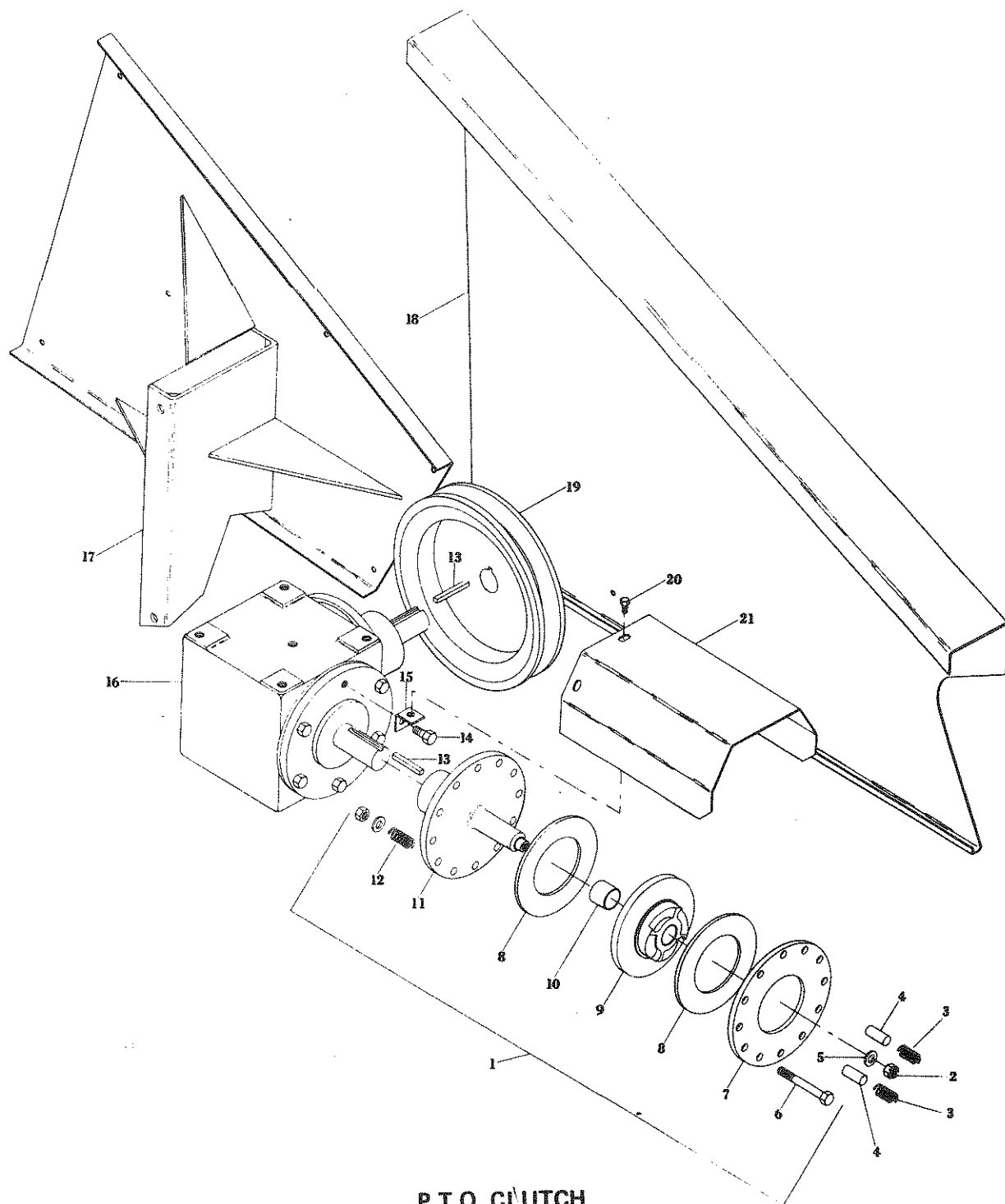
TENSION CONTROL PUMP ASSEMBLY

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		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	FT550	Male connector, 268P 3/8" x 1/4" Imperial	22	FT538	Seal washer, 5/16"
9	F8331	3/8" tube with support spring	23		5/16" x 1" N.C. cap screw
10	F8209	Male elbow, 269P 3/8" x 1/4" Imperial	24		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	FT557	Drive sprocket, 40B30 x 2-1/8"
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



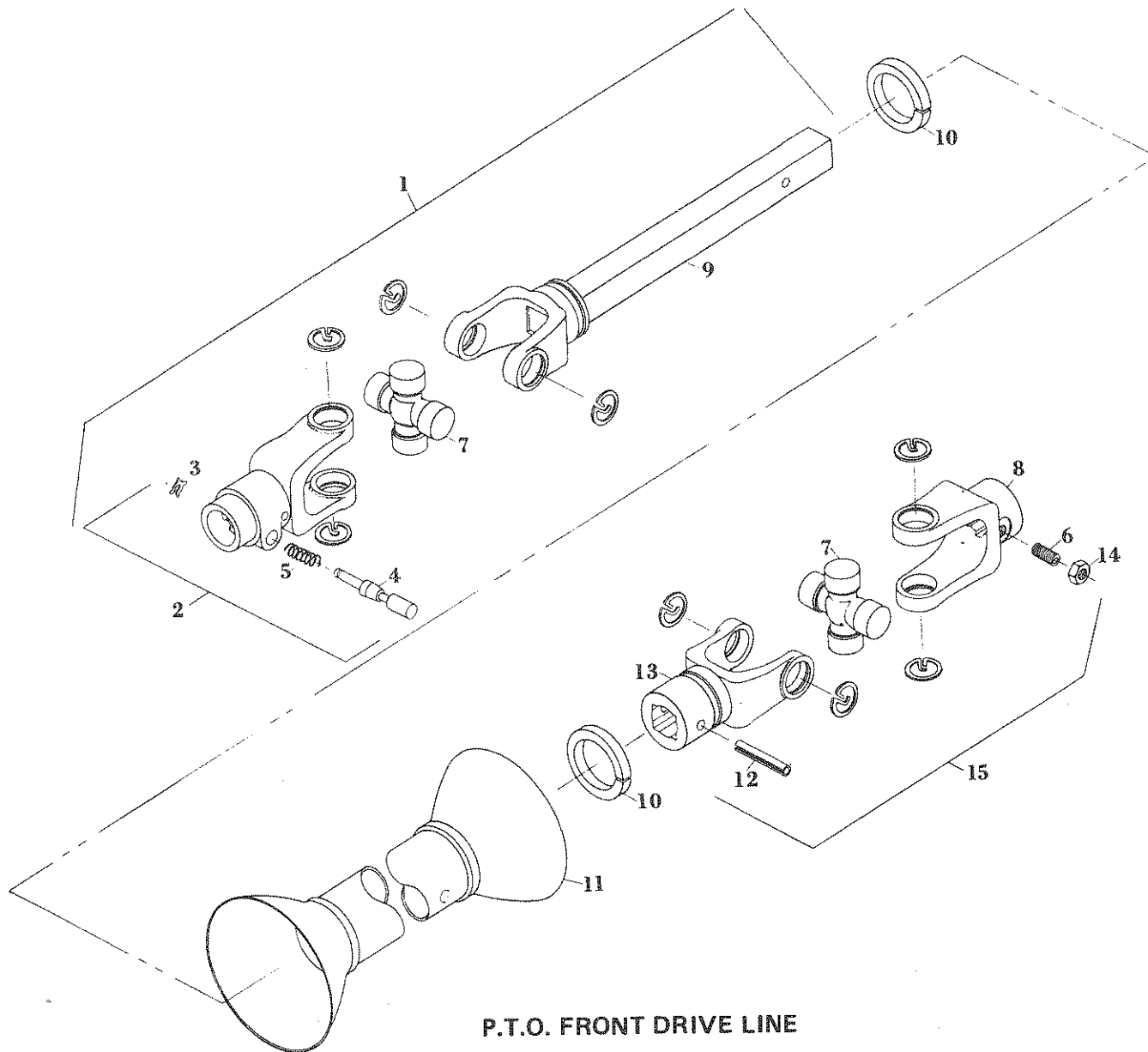
DRAWBAR AND P.T.O. MOUNT

PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
F7848	P.T.O. gear box mount, R.H.	18	F7003	Spring, drawbar locking pin
F7849	P.T.O. gear box mount, L.H.	19	F7283	Actuating lever, drawbar locking pin
F7364	P.T.O. gear box plate	20	F7795	Link, drawbar locking pin
F7280	Hitch base plate	21	F183	Front end hitch
F7010	Adjusting bolt, 2 used	22		1/4" x 1 1/4" N.C. cap screw
F1833	Front end swinging jack	23		1/2" x 2" N.C. cap screw
F1831	Thrust bearing	24		1/2" x 1 1/4" button head bolt
F1839	Lock pin assembly	25		1/2" x 1 1/4" N.F. cap screw
F1834	Snap ring	26		5/8" x 2 1/2" N.C. cap screw
F7005	Rope, drawbar pin, 9'	27		1/2" x 1 1/2" N.C. square head set screw
F440	Ferrule	28	F7194	Pickup lift bracket
F7281	Pickup lift lever, P.T.O. baler	29	F7565	Pickup lift cable with ends
F7681	Pickup lift crank	30	F7590	Sheave clip, pickup lift roller
F7682	Pickup lift lever stop bracket	31	F8192	Roller for pickup lift
F7007	Pivot pin bracket	32	F8193	Bushing for F8192 roller
F7006	Drawbar pivot pin	33	F7566	Cushion spring, pickup cable
F1835	Drawbar for P.T.O. baler	34	F7567	Cable connecting link for cushion spring
F7002	Drawbar locking pin	35		11/16" N.C. jam nut
F7004	Set collar for drawbar locking pin			



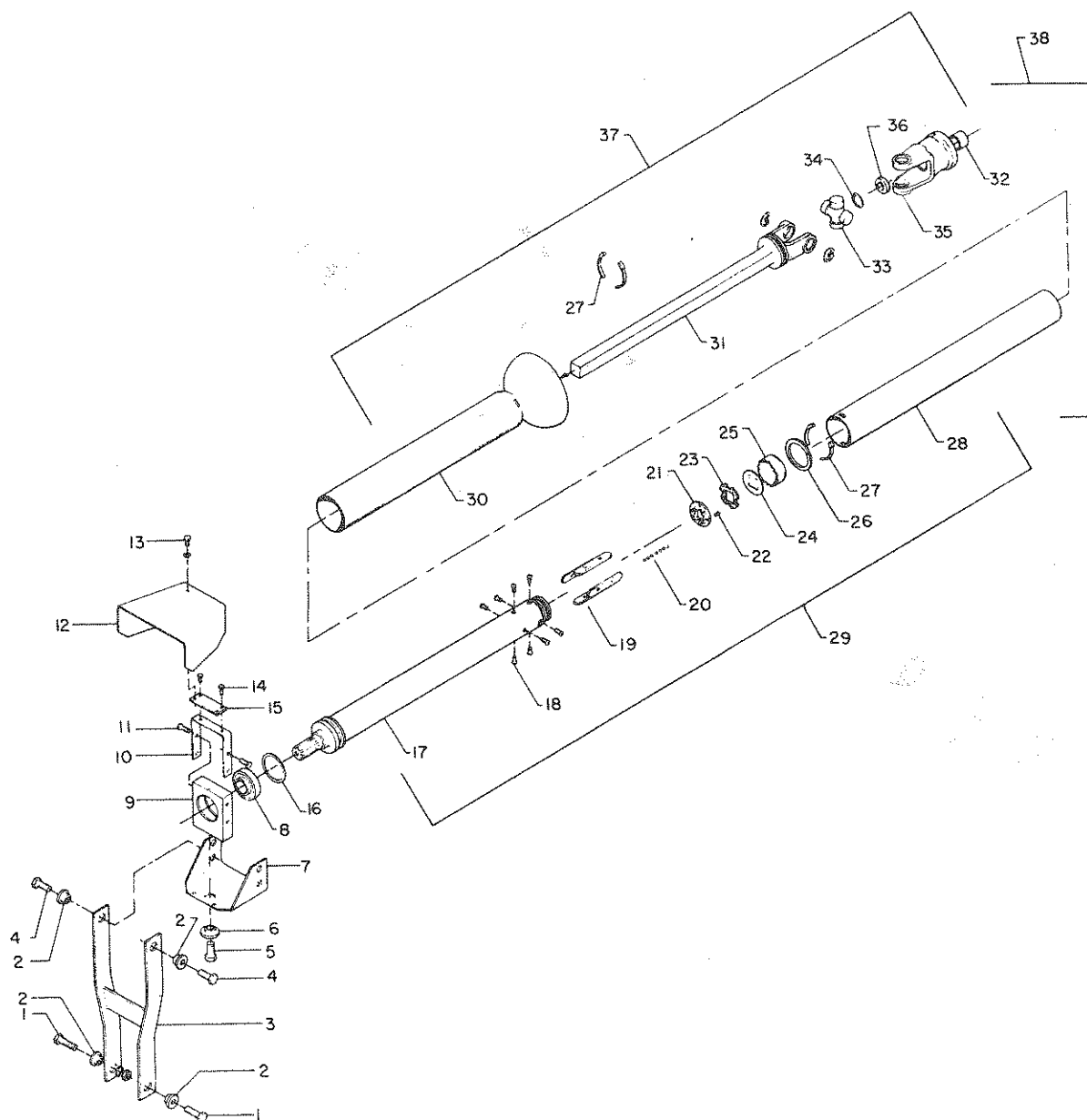
P.T.O. CLUTCH

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F8178	P.T.O. clutch assembly	12	F1797	Spring, 12 used on 540 rpm, 6 used on 1000 rpm.
2		1/2" N.C. slotted nut	13		5/16" x 5/16" x 1-1/8 key
3	F1790	Spring, 2 used	14		9/16" x 1/4" N.C. cap screw
4	F1791	Clutch pin, 2 used	15	F1800	Clip, shield, 3 used
5		1/2" spring lock washer	16	F1412	Gear box complete, 540 rpm.
6		3/8" x 3/4" hex head cap screw, 12 used on 540 rpm., 6 used on 1000 rpm.		F1780	Gear box complete, 1000 rpm.
7	F1792	Clutch plate	17	F8324	Mounting bracket drive belt shield
8	F1793	Friction disc, 2 used	18	F8325	Drive belt shield
9	F1794	Clutch plate assembly w/bushing	19	F1798	Sheave, P.T.O., 1-3/8" bore
10	F1795	Bushing	20		1/4" x 3/4" N.C. cap screw, 3 used
11	F1796	Clutch pilot	21	F1799	Shield, rear "U" joint



P.T.O. FRONT DRIVE LINE

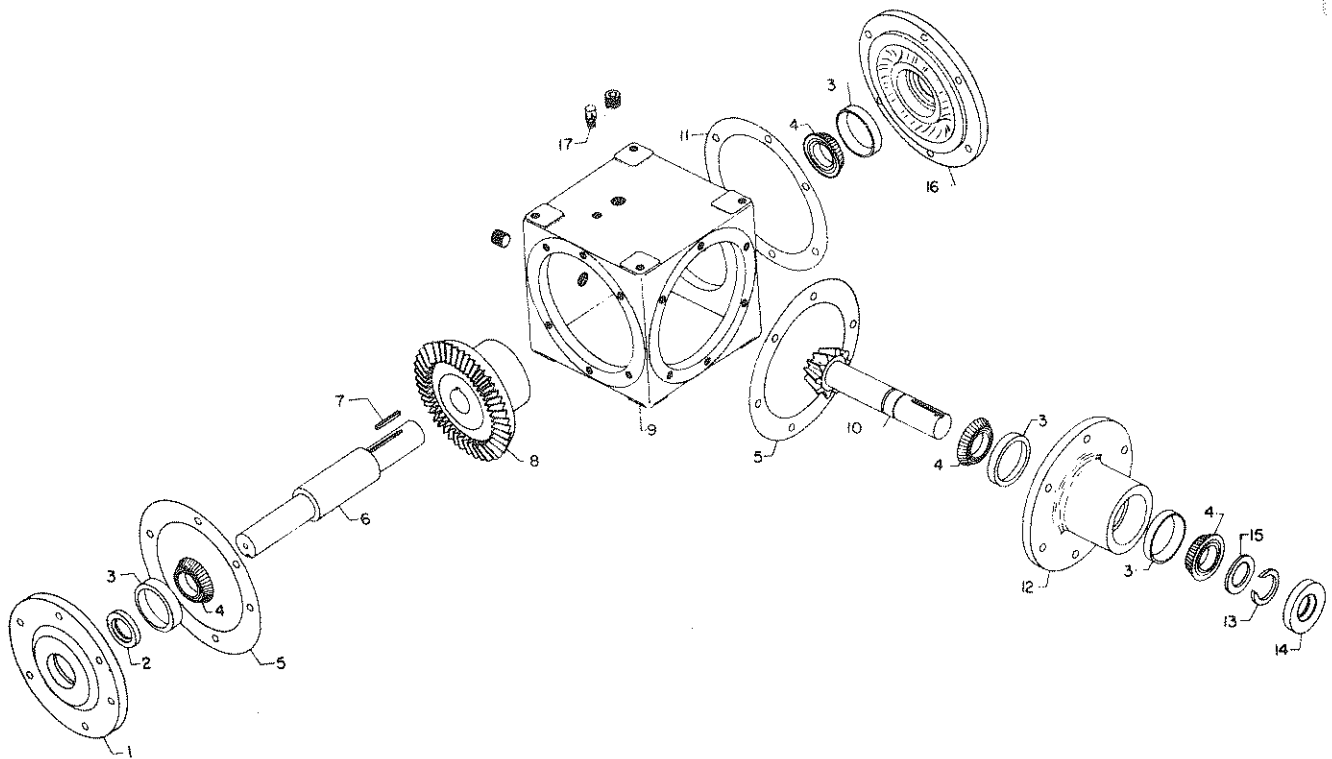
REF. NO.	PART NO.	DESCRIPTION
1	F1846	Universal joint & shaft assembly, 540 rpm.
	F1847	Universal joint & shaft assembly, 1000 rpm.
2	F890	Yoke assembly, QD, 1-3/8" — 6 spline, w/lock pin
	F8181	Yoke assembly, QD 1-3/8" — 21 involute spline w/lock pin 1000 rpm.
3	F1107	Lock pin washer
4	F1106	Lock pin
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		Roll pin, 3/8" x 2"
13	F1826	Yoke, 1-3/16" square
14		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

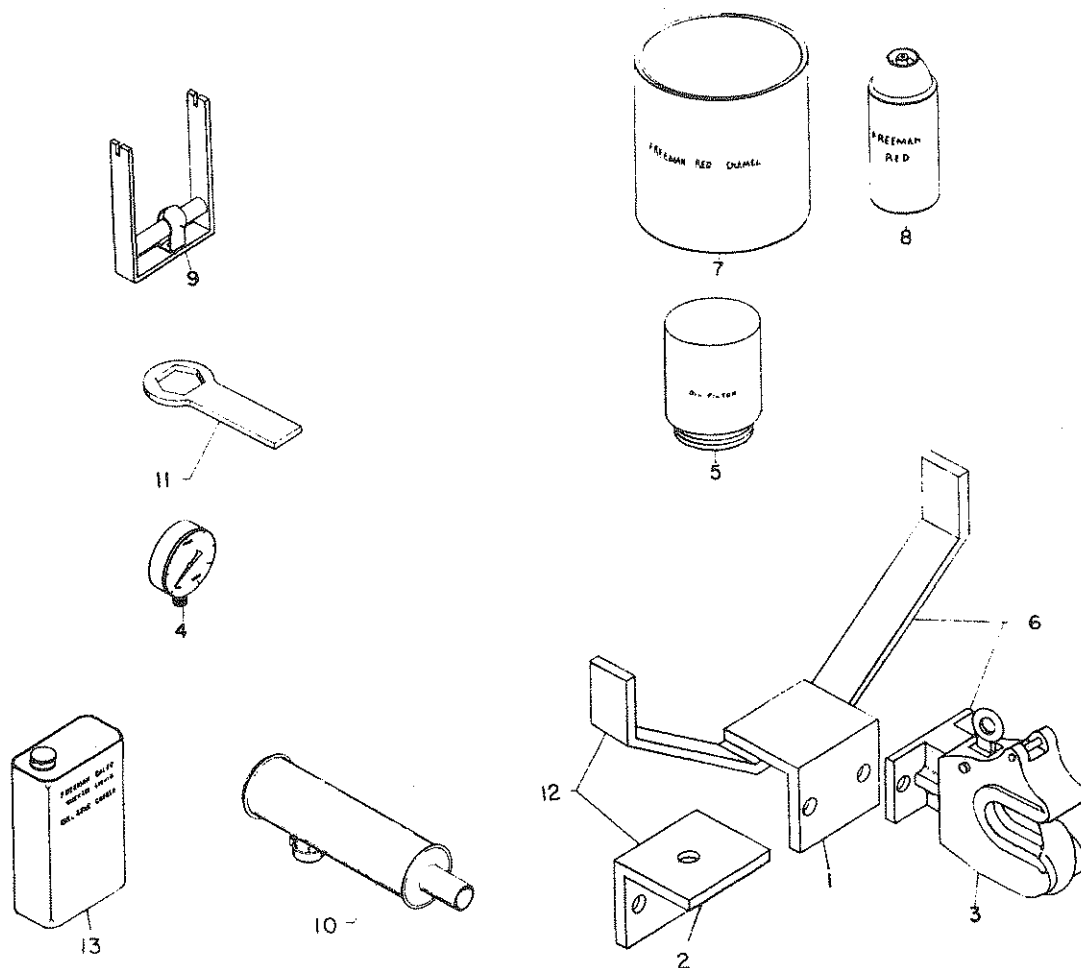
REF. NO.	PART NO.	DESCRIPTION
1		1/2" x 2" NCHT cap screw, 2 used
2	F1811	Pedestal tilt bushing, 4 used
3	F1810	Bearing pedestal
4		1/2" x 1 1/2" N.C. cap screw, 2 used
5		5/8" x 1 1/2" N.C. cap screw
6	F1801	Swivel bushing, pedestal bearing
7	F1809	Pedestal bearing bracket
8	F1807	Ball bearing, 207 KRR Fafnir
9	F1808	Pedestal bearing housing
10	F1805	Shield bracket, front universal joint
11		5/16" x 3/4" N.C. cap screw, 4 used
12	F1804	Shield, front universal joint
13		1/4" x 3/4" N.C. cap screw, 2 used
14		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, 4 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



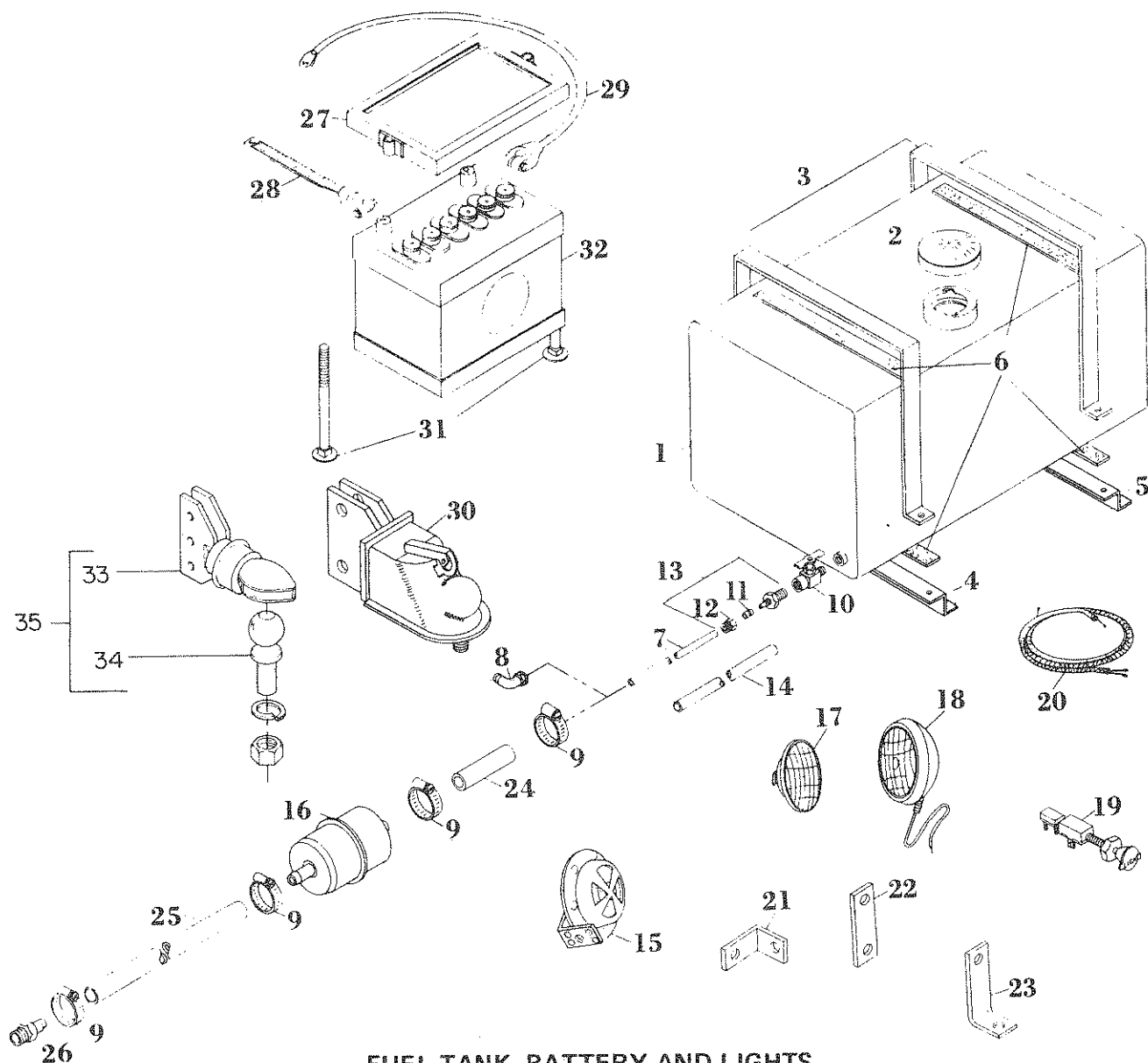
P.T.O. GEAR BOX
(Use SAE 90 Gear Oil)

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)		F1779	Pinion and shaft, 21T for 1000 rpm box
4	F1083	Bearing cone, pinion and drive shaft (LM 48548)	11	F1417	Gasket (.005 thick) for F1409
5	F1095	Gasket, (.005 thick) for F1076 and F1078		F1418	Gasket (.010 thick) for F1409
	F1414	Gasket, (.010 thick) for F1076 and F1078		F1419	Gasket (.015 thick) for F1409
	F1415	Gasket, (.015 thick) for F1076 and F1078	12	F1078	Housing, pinion shaft bearing
	F1416	Gasket, (1/32" thick) for F1076 and F1078	13	F1087	Snap ring, pinion shaft
6	F1601	Drive shaft	14	F1421	Grease seal for pinion shaft (CR256112)
7	F1093	Key, drive shaft and sheave, 5/16" x 5/16" x 2"	15	F1420	Steel shim (.003 thick)
8	F1411	Bevel gear, 39T, for 540 rpm box	16	F1409	Cap, drive shaft bearing (closed end)
	F1778	Bevel gear, 34T, for 1000 rpm box	17	F1720	Vent
				F1412	Gear box complete less sheave, 540 rpm.
				F1780	Gear box complete less sheave, 1000 rpm.



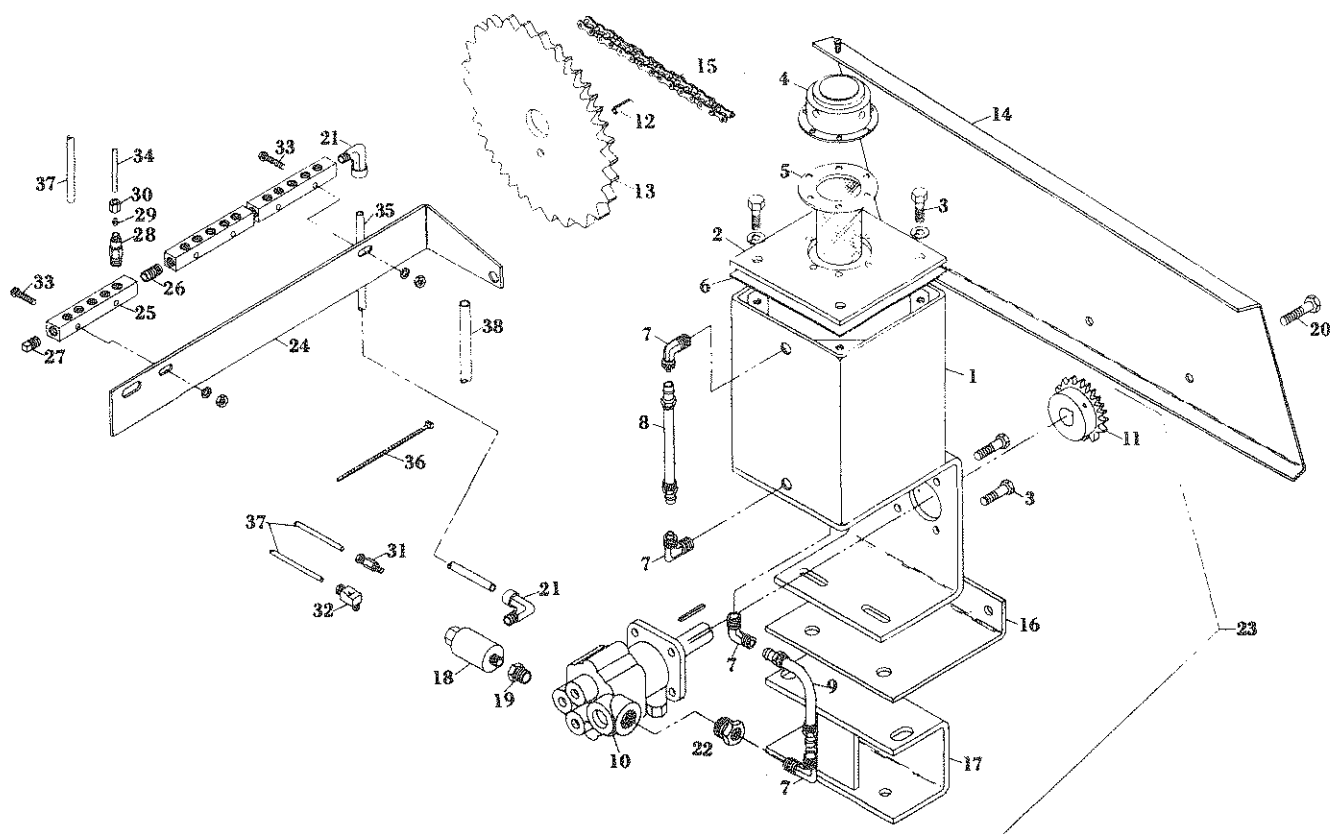
EXTRA ITEMS

REF. NO.	PART NO.	DESCRIPTION
1	F1698	Trailer hitch frame
2	F736	Trailer hitch angle for clevis pin
3	F1697	Holland hitch for trailer hitch
4	F800	Hydraulic gauge (2000 lbs.)
5	F1511	Oil filter cartridge, 4 thread base (WH4D and VG4D)
	F5922	Oil filter cartridge (V465D)
6	F732	Trailer hitch frame with Holland hitch
7	F649	Freeman red baler paint, 1 gal.
	F942	Freeman red baler paint, 1 qt.
	F1675	Freeman white baler paint, 1 gal.
	F1676	Freeman white baler paint, 1 qt.
8	F770	Freeman red baler paint, spray can
	F1677	Freeman white baler paint, spray can
9	F4193	Wire splicer
10	F7617	Bullgear luber kit WD70
	F1706	Muffler, V465D, WD76
11	F8362	Wrench for 2" pivot shaft jam nut
12	F733	Trailer hitch frame with pin hitch
13	F7609	Quickset lubricant, 1 qt.
	F7626	Quickset lubricant, 1 gal.



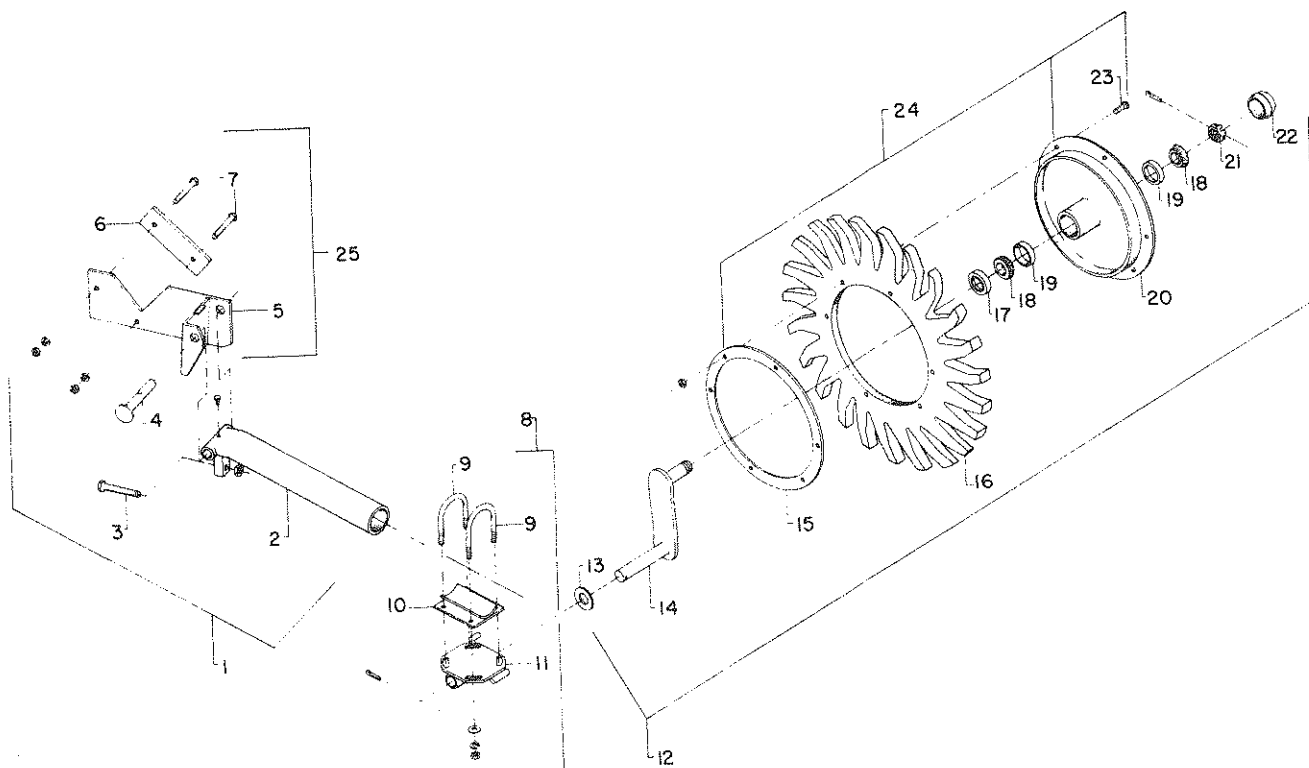
FUEL TANK, BATTERY AND LIGHTS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F1688	Fuel tank with cap	19	F862	Switch for light kit
2	F1689	Fuel tank cap for F1688	20	F8326	Wire harness, twine
3	F7046	Fuel tank strap, 2 used		F8327	Wire harness, wire
4	F7295	Fuel tank mounting bracket, front	21	F8061	Mounting bracket, front light
5	F7295	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, GS-4 Murray	26	F8305	1/4" male hose end, 1537 WH
10	F8189	Shut off valve, 6825 WH	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		F8067	Hitch ball for F1736
16	F8302	Fuel filter, 3012 NAPA	31	F1691	Bolt for battery box, (3/8" x 9")
17	F5842	Sealed beam unit, 12 volt	32	F1499	Battery, 12 volt
	F5941	Sealed beam unit, 12 volt (comb. red & clear)	33	HTH7562	Ball hitch only, bulldog
18	F8059	Light, front and center, 12 volt shock mounted	34	HTH28400	Hitch ball only, bulldog
	F8060	Light, rear combination, 12 volt shock mounted	35	HTH7611	Ball hitch complete with ball, bulldog
				F8063	Light kit, 12 volt, twine
				F8364	Light kit, 12 volt, wire



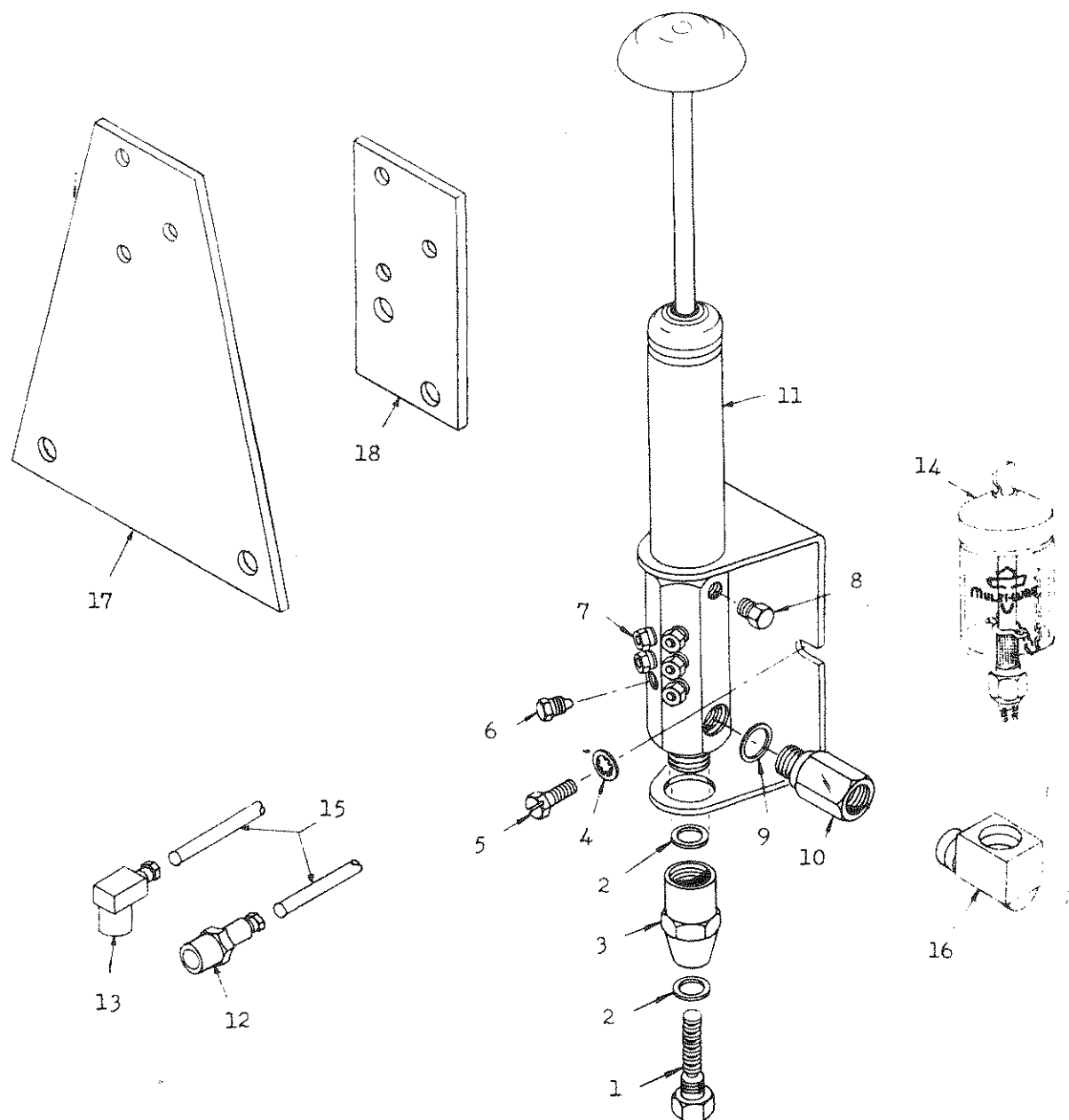
AUTOMATIC LUBER (Uses SAE 30 Motor Oil)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F8196	Luber tank & bracket	22		1/2" x 1/4" reducer bushing
2	F8197	Tank cover	23	F8210	Luber tank and pump assembly
3		5/16" x 1" N.C. cap screw	24	BKT7121	Luber manifold bracket
4	F6268	Filler cap	25	F8283	Manifold block, 3 used
5	F6267	Screen for tank filler	26		1/8" NPT close nipple, 2 used
6	F8198	Gasket, cover to tank	27		1/8" pipe plug
7	F8209	3/8" x 1/4" male elbow, 269P	28	F8284	Valve, 14 used, 381726-3
8	F8199	Site gauge	29	F8285	Sleeve, 14 used, K328302-2
9	F8199	3/8" plastic tube	30	F8286	Nut, 14 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° fitting, 10 used, 66716 Lincoln
13	F8202	Sprocket, 41A40 x 1-3/8"		F8306	Sleeve only, 66260 Lincoln
14	F8203	Chain shield	33		10-32 x 1" round head machine screw
15	F8204	Chain, 93 pitch, RC 41	34	F7400	1/8" nylon tubing
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, SLV105-5
	F8208	Filter element	38	F8292	Cover for 1/4" tubing, SLV105-1
19		3/8" x 1/8" reducer bushing			
20		5/16" x 3/4" N.C. cap screw, 2 used			
21	F1441	90 degree elbow, 889L		F8293	Automatic luber complete for twine
	F8312	Sleeve for F1441			knotters, 2 tie



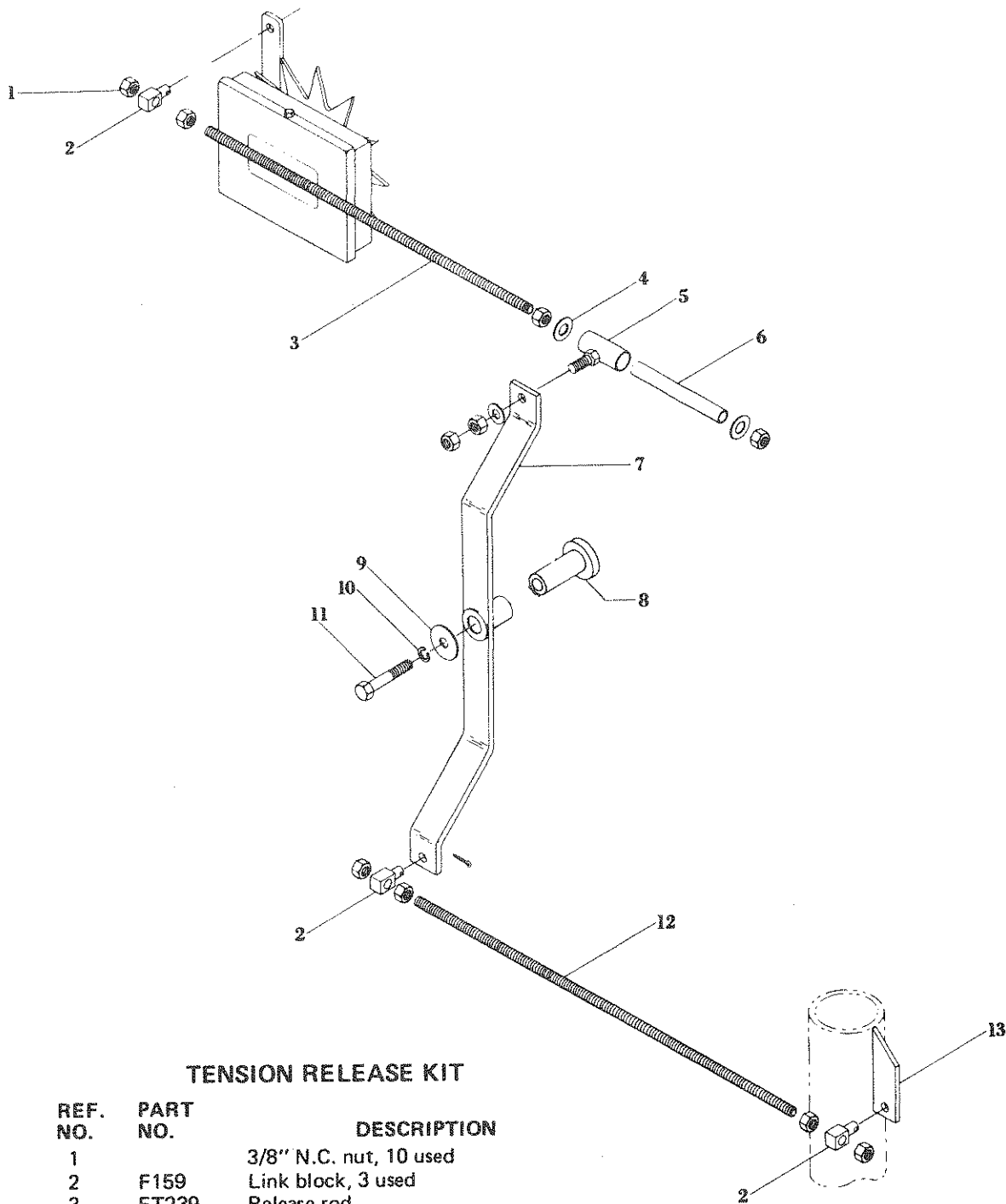
HAY SAVER WHEEL ASSEMBLY F 1893

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		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		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		1" NF slotted jam nut
22	F1912	Hub cap, 34214 motor wheel
23		5/16" x 1 1/2" carriage bolt
24	F1913	Wheel disc complete w/steel backup ring
25	F1914	Bracket w/pin and spacer



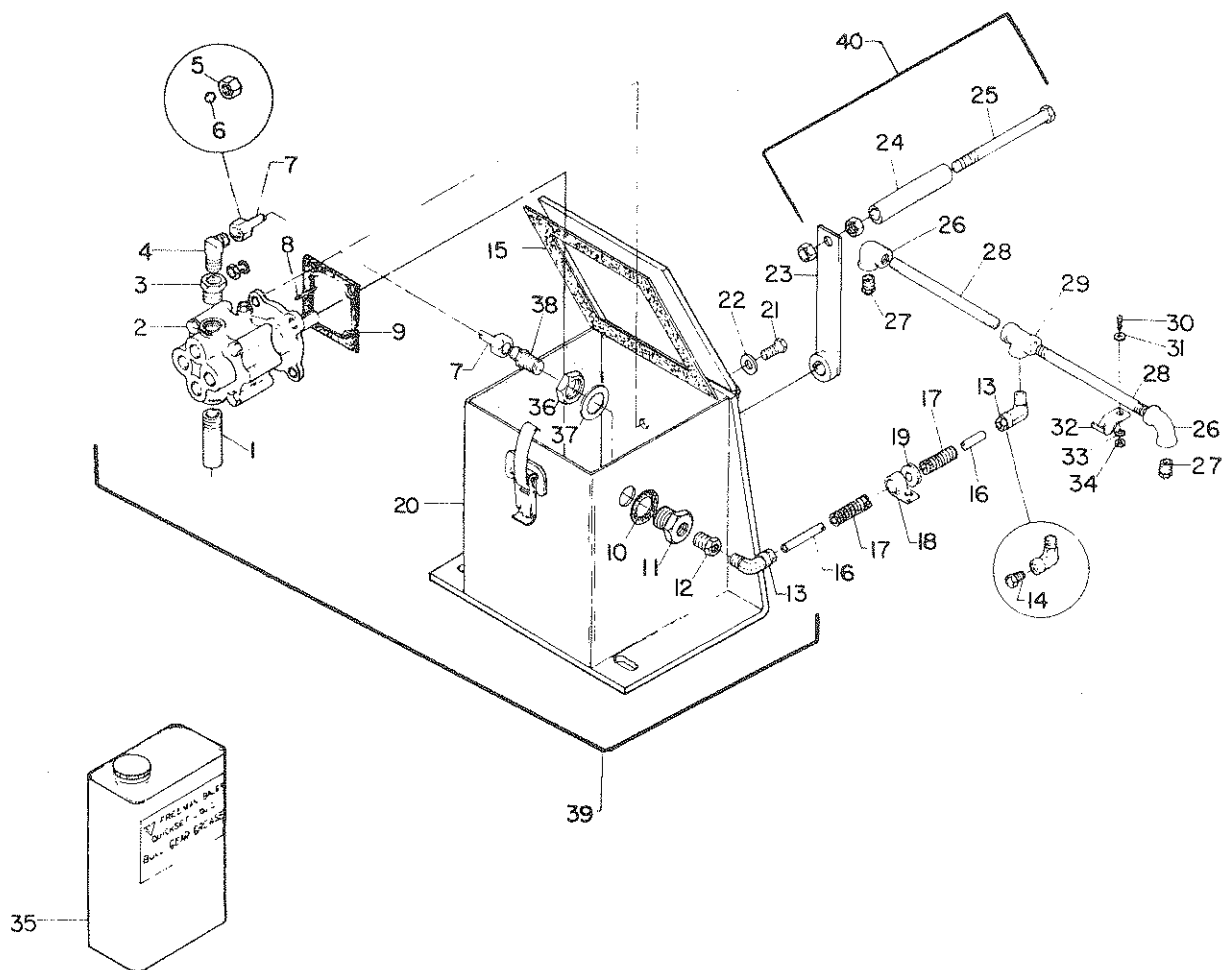
MULTI-LUBER CENTRALIZED LUBRICATION SYSTEM (Uses SAE 140 Gear Oil)

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		3/8" N.C. nut, 10 used
2	F159	Link block, 3 used
3	FT239	Release rod
4		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		Washer
10		3/8" lock washer
11		3/8" x 2 1/4" N.C. cap screw
12	FT241	Operating rod
13	FT242	Operating lever
	FT247	Tension release kit complete



BULL GEAR LUBER ASSEMBLY, LUB 70320

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	FT538	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	PPE1250500	1/8" x 5" pipe nipple, 3 tie 1/8" x 3" pipe nipple, 2 tie
9	FT548	Pump flange gasket	29	PPE40125	1/8" pipe tee
10	FT553	3/4" x 1" x 1/16" fiber washer, 5600-64-62 Seal Strom	30	SMR1032050	10-32 x 1/2" RH machine screw, 2 used
11	FT549	Bulkhead fitting, W21204 WH	31	WCT100	10-32 flat washer, 2 used
12	PPE250125	1/4" x 1/8" reducer pipe bushing	32	F7723	Jiffy clamp, No. 125, 2 used
13	F1441	1/4" x 1/8" - 90° elbow, 889L Imp.	33	WLK1000	10-32 Lock washer, 2 used
14	F8312	Sleeve	34	NFH10320	10-32 nut, 2 used
15	FT559	Tank cover gasket	35	F7626	Quickset gear lubricant, 1 gal.
16	NYL250	1/4" nylon tubing, 38" long	36	FT552	3/4" bulkhead nut, W21204
17	SLV1051	5/16" protective cover, 30" long	37	WIS7500	3/4" internal star lock washer
18	F5264	Hanger clamp, No. 4	38	F8221	1/4" male connector, 68 x 44
19	F7735	Rubber Grommet	39	LUB7600	Bull gear power luber tank and pump assembly
20	LUB6789	Tank assembly	40	CRA7859	Crank assembly

