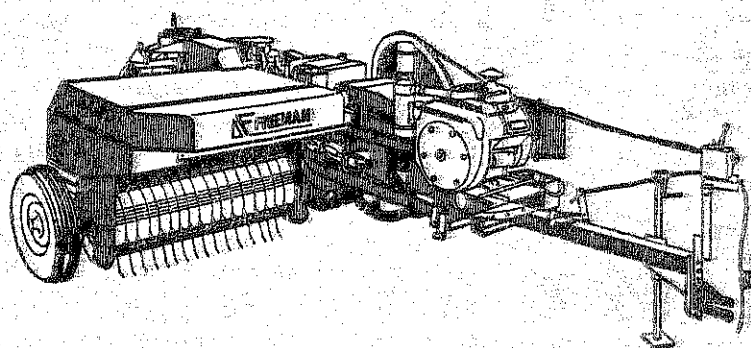


Freeman Automatic Pick-up Baler 1970 PARTS LIST



PULL TYPE

Model 200

manufactured and distributed by

J. A. FREEMAN & SON, INC.



PB00000116

PORTLAND, OREGON

Printed in U.S.A. 3-70

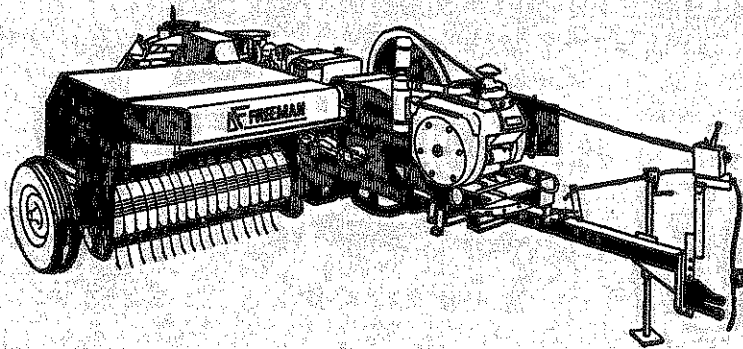
INTENTIONALLY BLANK

1970

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. 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, mail, rail, express or freight, air express 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 baler 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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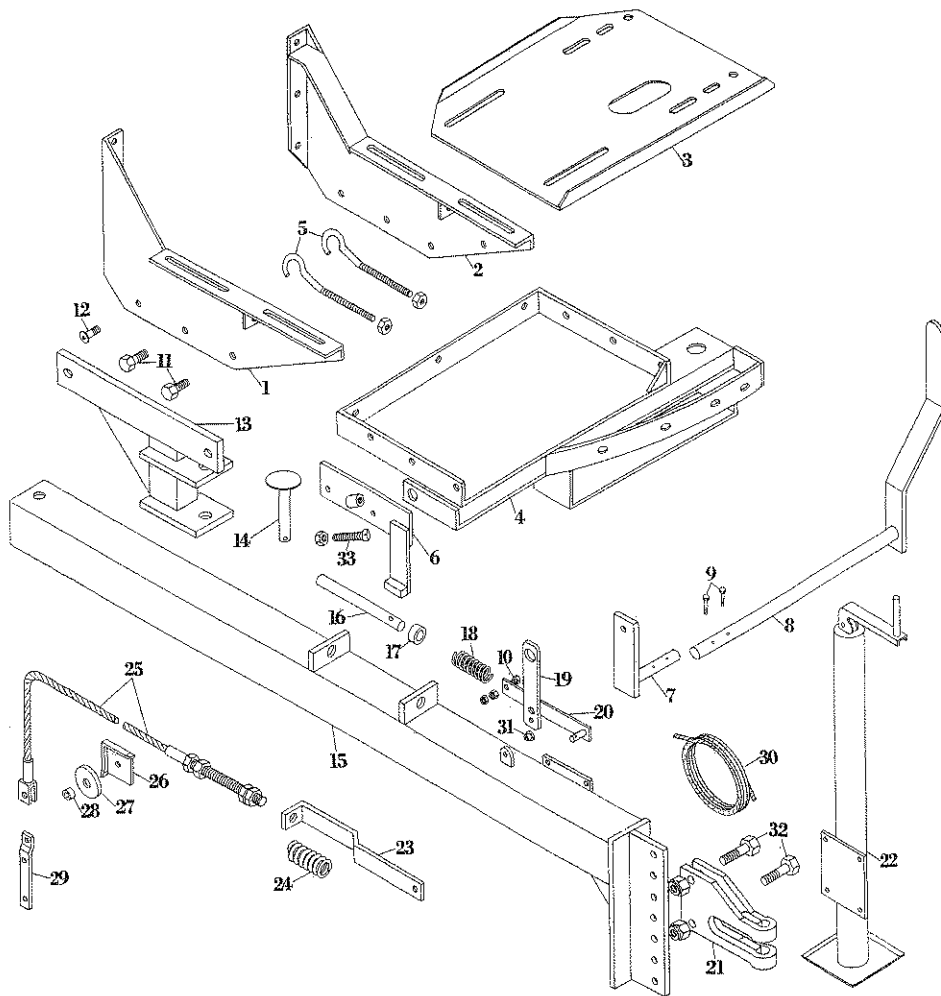
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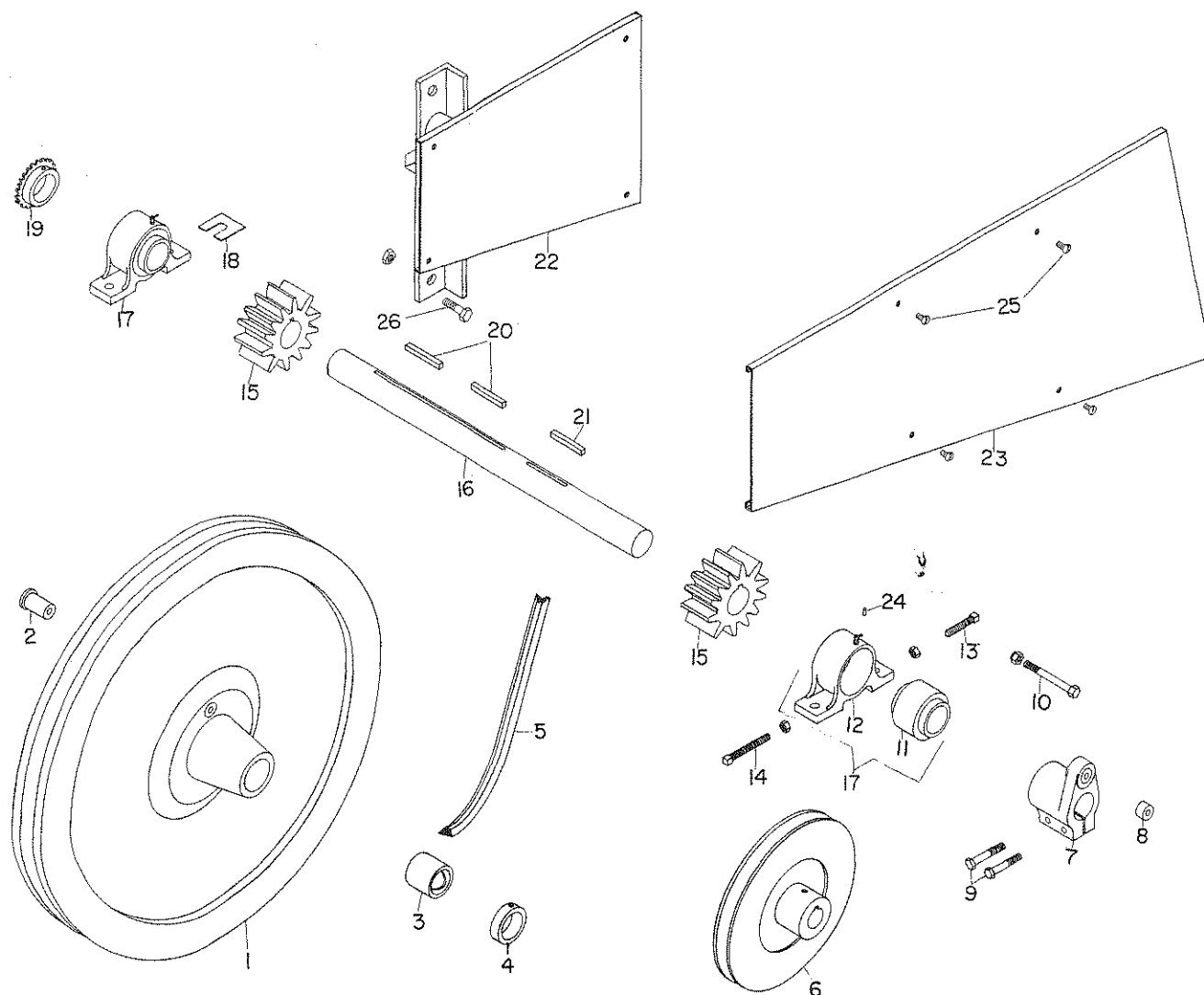
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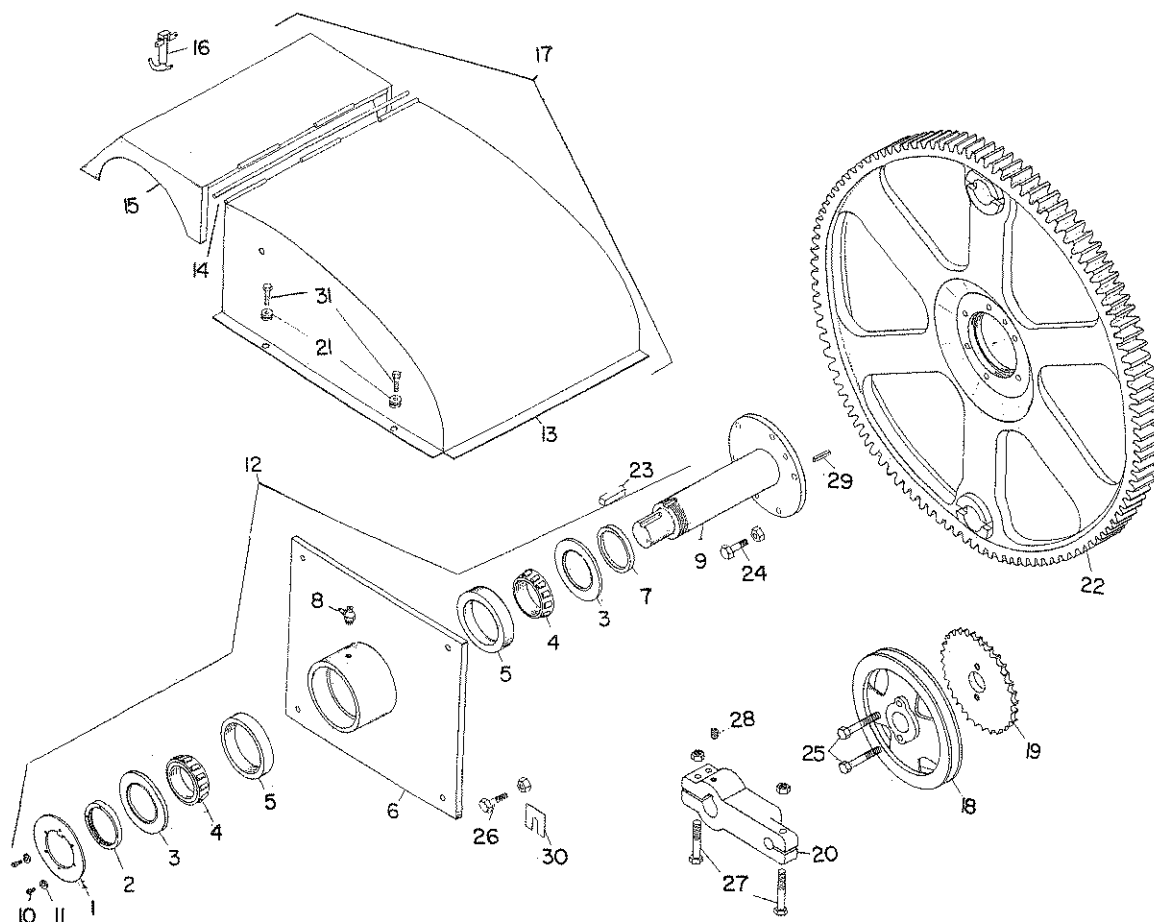
DRAWBAR AND ENGINE MOUNT

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1	F 7799	Engine mount, R.H., VG4D engine	19	F 7283	Actuating lever, drawbar locking pin
	F 7847	Engine mount, R.H., VH4D and V461D engine	20	F 7795	Link, drawbar locking pin
	F 7848	PTO Gear box mount, R.H.	21	F 183	Front end hitch
2	F 7800	Engine mount, L.H.	22	F 7430	Front end jack complete for engine balers
	F 7849	PTO Gear box mount, L.H.		F 1586	Front end jack complete for PTO balers
3	F 7707	Engine base plate for VG4D and V461D engine		F 878	Jack handle assembly
	F 7279	Engine base plate for VH4D engine		F 1605	Ram only for jack
	F 7364	PTO Gear box plate		F 1607	Thrust bearing for jack
4	F 7280	Hitch base plate		F 7567	Cable connecting link for cushion spring
5	F 7010	Engine adjusting bolt (2 Used)	23	F 7566	Cushion spring (pickup cable)
6	F 7682	Pickup lift lever stop bracket	24	F 7565	Pickup lift cable with ends
7	F 7681	Pickup lift crank	25	F 7590	Sheave clip, pickup lift roller
8	F 7281	Pickup lift lever	26	F 7591	Roller for pickup lift
9		1/4" x 1-1/4" NC Cap Screw	27	F 7592	Bushing for F 7591 roller
10		1/2" x 2" N.C. Cap Screw	28	F 7194	Pickup lift bracket
11		1/2" x 1-1/4" N.F. Cap screw	29	F 7005	Rope, drawbar pin, 9'
12		1/2" x 1-1/4" Button head bolt	30	F 440	Ferrule for F 7283 lever
13	F 7007	Pivot pin bracket	31		
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15	F 7001	Drawbar for engine baler	33		
	F 7696	Drawbar for PTO baler			
16	F 7002	Drawbar locking pin			
17	F 7004	Set collar, drawbar locking pin			
18	F 7003	Spring, drawbar locking pin			



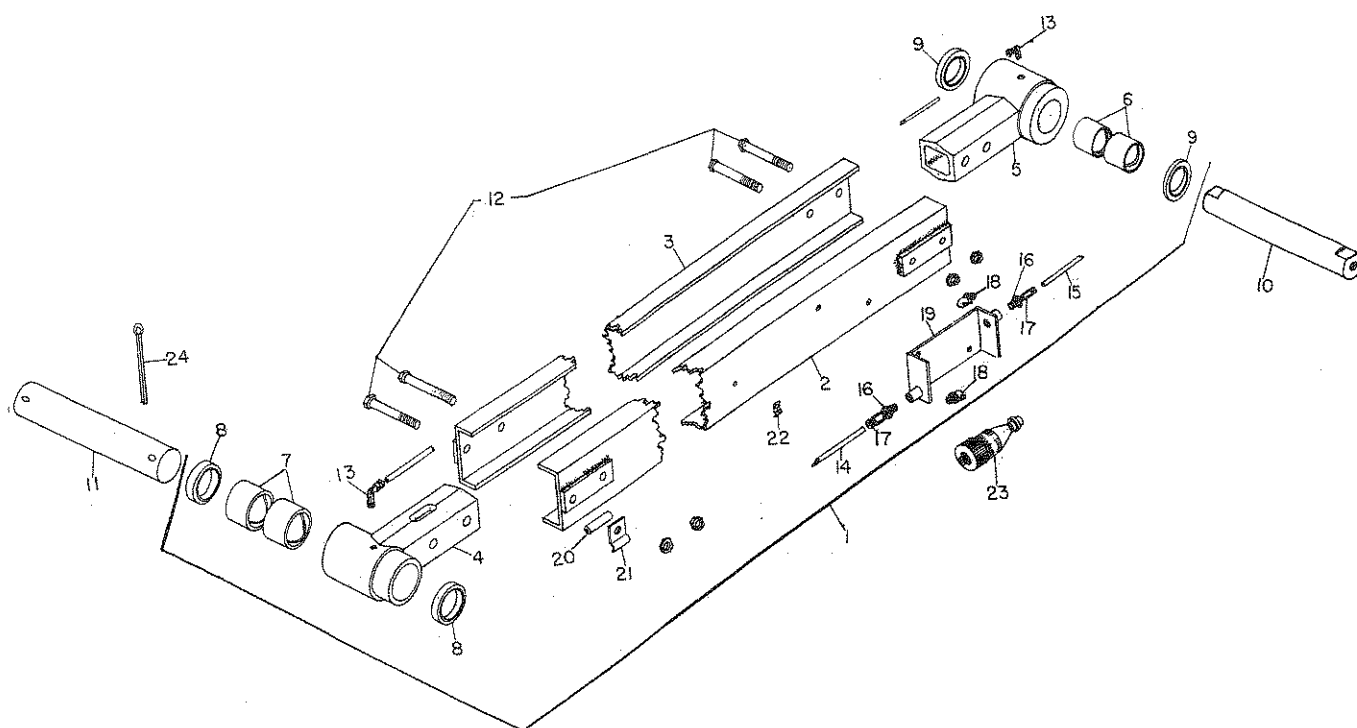
FLYWHEEL AND PINION SHAFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7704	Flywheel with bushings, motor drive	11	F 698	Bearing insert for F 765 cage
	F 1613	Flywheel with bushings, PTO drive	12	F 765	Bearing cage for F 34 bearing
2	F 1614	Shear bushing in flywheel, flanged	13	F 498	Set screw for F 34 bearings, rear, 1/2" x 2" (2 used)
3	F 886	Bushing for F 7704 and F 1613 flywheel	14	F 73	Set screw for F 34 bearings, front, 1/2" x 4" (2 used)
4	F 221	Set collar, pinion shaft, 2-1/8"	15	F 7437	Pinion gear, 12 tooth
5	F 7000	Drive belt, D-165, for VG4D and V461D engine	16	F 7285	Pinion shaft
	F 7337	Drive belt, D-162, for PTO and VH4D engine	17	F 34	Bearing complete for pinion shaft, (2 used)
6	F 7014	Motor pulley, 10" OD for VG4D, 1-7/16" bore	18	F 967	Shim for F34 bearing, 16 ga.
	F 7241	Motor pulley, 8" OD for VH4D, 1-7/16" bore		F 967A	Shim for F34 bearing, 20 ga.
	F 7699	Motor pulley, 10" OD for V461D, 1-3/4" bore		F 967B	Shim for F34 bearing, 10 ga.
7	F 817	Shear hub for flywheel	19	FT 157	Sprocket, drive for hydraulic pump
8	F 1132	Shear bushing in flywheel shear hubs	20	F 7488	Tapered key for pinions, 3-1/2" (2 used)
9		1/2" x 3-1/4" heat treated cap screws with lock nuts	21	F 72	Key for shear hub, 1/2" x 1/2" x 3-1/2"
10	F 7015	Shear bolt, 1/2" x 5" N.C. grade 2 bright cap screw	22	F 7737	Bracket, drive belt shield with battery box
			23	F 7016	Drive belt shield
			24	F 1721	Lock pin for F 698 bearing insert
			25		1/4" x 3/4" round head machine screw
			26		1/2" x 1-1/2" NC Cap screw
			27		5/8" x 2-1/4" NC Cap screw



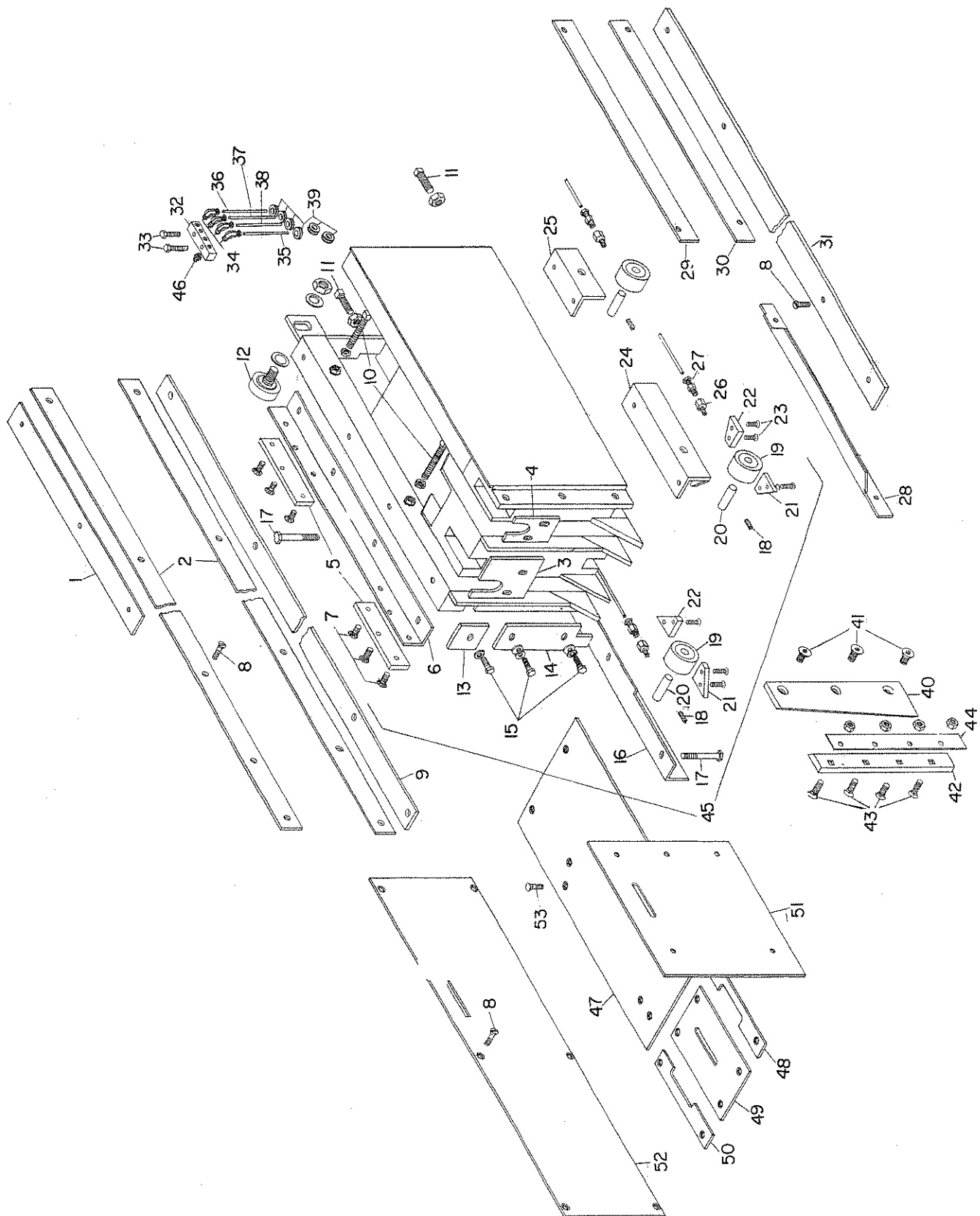
BULLGEAR ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7038	Locking washer	15	F 7632	Bullgear shield access door
2	F 7037	Adjusting nut for side plate bearing	16	F 853	Catch for bullgear shield
3	F 7035	Seal for side plate, #255833 (4 used)	17	F 7549	Bullgear shield complete with door
4	F 7033	Bearing for side plate, #33287 (4 used)	18	F 9A	Sheave, pickup drive
5	F 7034	Bearing cup for side plate, #33462 (4 used)	19	F 753	Sprocket, knotter drive (32T #60)
6	F 7354	Side plate, R.H. with bearing cups	20	F 1256	Crank arm
7	F 7462	Side plate, L.H. with bearing cups	21	F 7550	Rubber grommet (4 used)
8	F 7036	Seal race	22	F 7438	Bullgear, 88 tooth (2 used)
9	F 1661	Hydraulic shut-off fitting	23	F 225	Key, knotter drive shaft, 1/2" x 1/2" x 2"
10	F 7031	Shaft, feed fork drive		F 226	Key, feed arm drive shaft, 1/2" x 1/2" x 2-1/4"
11	F 7032	Shaft, knotter drive	24		1/2" x 2-1/4" N.C. Cap screw
12	F 7039	Screw for locking washer, 8-32 x 1/2" H.H.Cap Screw (4 used)	25		1/2" x 2-3/4" N.C. Cap screw
13	F 7040	Lock washer for F 7039 screw, # 8 medium (4 used)	26		5/8" x 2" N.F. Cap screw
14	F 7358	Side plate, R.H. w/bearing and shaft, incl. Ref. 1-11	27		5/8" x 3" N.F. Cap screw
	F 7463	Side plate, L.H. w/bearing and shaft, incl. Ref. 1-11	28	F 312	1/2" x 3-1/4" N.F.H.T. Cap screw w/fiber lock nuts
15	F 7628	Bullgear shield less access door	29		1/2" x 1/2" Hollow head set screw, (3 used)
16	F 7630	Bullgear shield hinge pin	30	F 7239	Roll pin, 3/8" x 1-1/2" for bullgear
			31	F 1267	Shim for aligning side plate
					1/4" x 1-1/4" N.C. Cap screw (4 used)



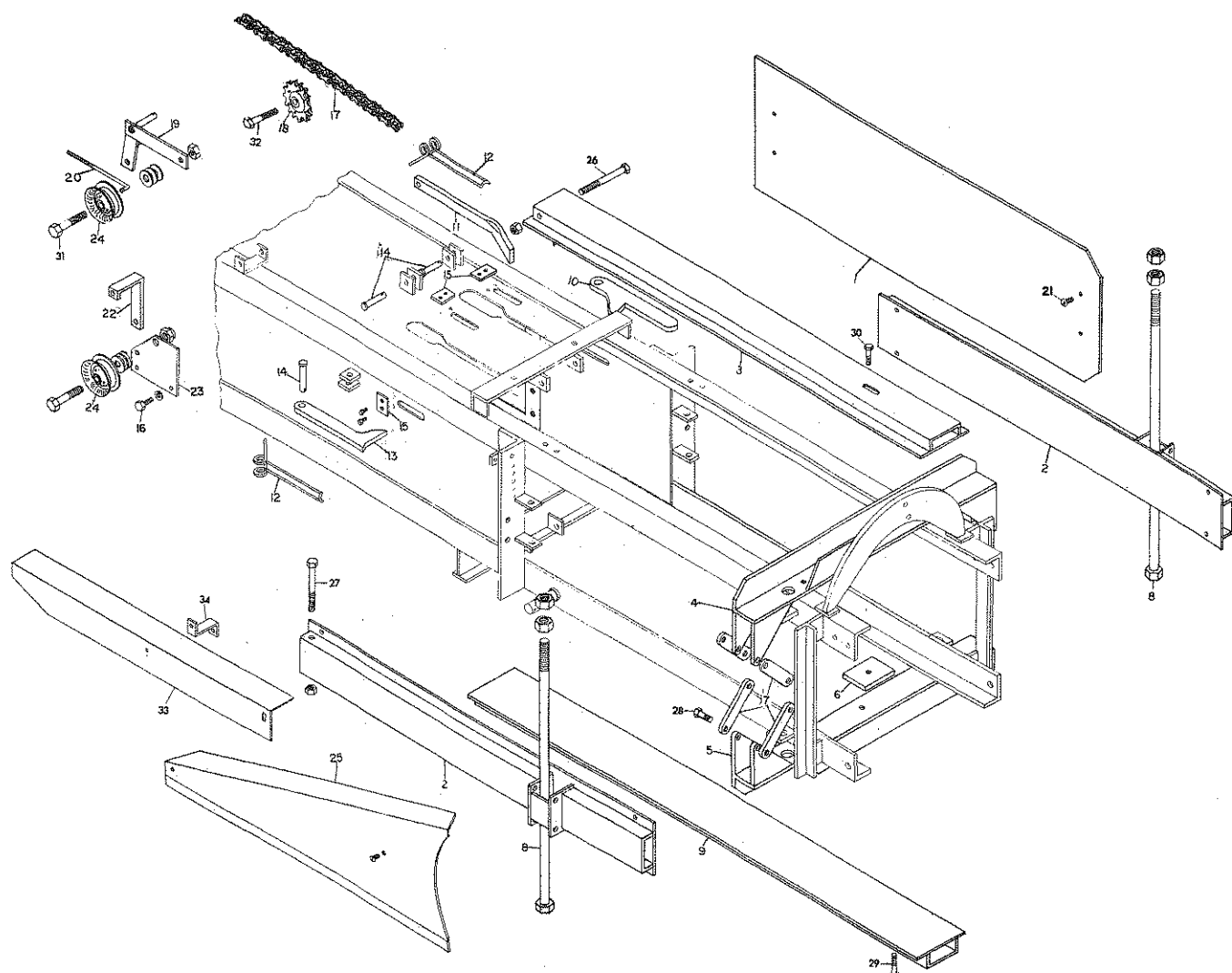
PLUNGER CONNECTING ROD ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7595	Conn. rod complete with heads	14	F 7544	Grease tube, 1/4", crank pin to F 7542 bracket, 36"
2	F 7593	Conn. rod channel, L.H.	15	F 7545	Grease tube, 1/4", plunger pin to F 7542 bracket, 7"
3	F 7042	Conn. rod channel, R.H.	16	F 7418	Bushing, grease tube connector to bracket 1/4" to 1/8"
4	F 1520	Conn. rod head with bushings and seals, gear end	17	F 778	Connector, grease tubes #308808
5	F 1521	Conn. rod head with bushings and seals, plunger end		F 8055	Sleeve for F 778 & F 1441
6	F 1526	Bushing for F 1521 head, plunger end	18	F 7651	Grease fitting on conn. rod (2 used)
7	F 1525	Bushing for F 1520 head, gear end	19	F 7542	Bracket for grease tubes on conn. rod channel
8	F 1530	Grease seal for F 1520, F 1522 and F 1524 heads 1-15/16" #50409	20	F 933	Protector tube for grease tube
9	F 1529	Grease seal for F 1521 and F 1523 heads 1-11/16" #471812	21	F 1436	Clip for grease tube protector
10	F 7708	Plunger pin	22	F 7653	Clip for grease tube
11	F 46	Crank pin, gear end	23	F 7543	Spring loaded grease cup
12		5/8" x 4-1/2" NF HT cap screw	24	F 55	Key for crank pin (2 used)
13	F 1441	Elbow for conn. rod grease tube (2 used) #889L		F 7611	Conn. rod ends greasing kits, including ref. No. 13 to 22



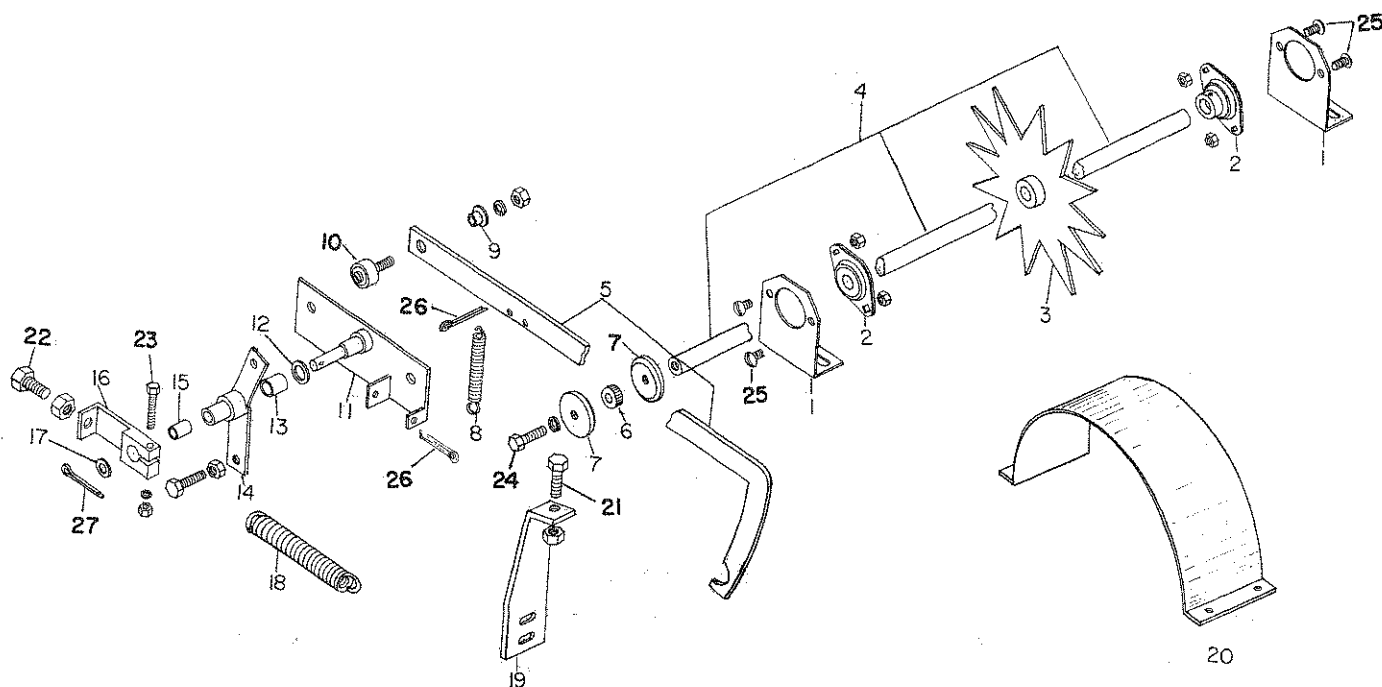
PLUNGER ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7837	Plunger roller rail, top L.H.	25	F 772	Roller mounting angle R.H. front
2	F 7763	Plunger guide rail, top & bottom	26	F 777	Adapter for grease tube (4 used)
3	F 7738	Adjusting pad for plunger face, center	27	F 778	Connector for grease tube (4 used)
4	F 7739	Adjusting pad for plunger face, R.H.	28	F 7439	Knife guide under feed opening
5	F 1537	Hard slide for roller plunger (4 used)	29	F 299	Plunger slide, flat, upper R.H. side
6	F 7766	Hard slide mounting rail, L.H. top	30	F 298	Plunger slide, flat, lower R.H. side
7		5/16" x 1/2" F.H. machine screw (12 used)	31	F 7840	Plunger roller rail, R.H. Bottom
8		5/16" x 1" F.H. machine screw for plunger rail	32	F 979	Manifold for grease tubes
		5/16" x 1-1/2" F.H. machine screw for plunger rail	33		5/16" x 1-3/4" N.C. cap screw (2 used)
9	F 7839	Plunger roller rail, L.H. bottom	34	F 1441	Elbow, grease tube (4 used)
10		1/2" x 4" square head set screw, top rail (2 used)	35	F 780	Grease tube, right rear, 36"
		1/2" x 2-1/2" square head set screw bottom rail (2 used)	36	F 781	Grease tube, left front, 14"
11		3/4" x 1-3/4" square head set screw (2 used) Plunger pin lock	37	F 779	Grease tube, left rear, 30"
12	F 1636	Roller for top of plunger, 3/4" shank	38	F 779	Grease tube, right front, 30"
13	F 7769	Adjusting pad for plunger face, top left	39	F 7735	Grommet, grease tube protector (6 used)
14	F 7777	Adjusting pad for plunger face, L.H.	40	F 7764	Plunger knife
15		3/8" x 1" N.C. cap screw (3 used)	41	F 227	Bolt for plunger knife (3 used)
16	F 7761	Roller and slide mounting angle, L.H. bottom	42	F 1609	Knife, stationary with square holes
17		3/8" x 3-3/4" N.C. cap screw (12 used)	43	F 1629	Bolt for F 1609 knife (4 used)
18		1/4" x 3/8" Allen head set screw (4 used)	44	F 751	Shim for F 1609 knife, 14 ga.
19	F 775	Roller for plunger (4 used)	45	F 1512	Shim for F 1609 knife, 20 ga.
20	F 776	Pin, plunger roller (4 used)	46	F 7801	Plunger complete, less knife 16" x 18" chamber
21	F 986	Wiper, rear (2 used)	47		1/8" P.T. grease fitting
22	F 774	Wiper, front (2 used)	48	F 7808	Bale chamber bottom,
23		1/4" x 1-1/4" F.H. machine screw (8 used)	49	F 7809	Liner extension for bale chamber bottom, R.H.,
24	F 773	Roller mounting angle R.H. Rear	50	F 7810	Liner extension for bale chamber bottom, center,
			51	F 7811	Liner extension for bale chamber bottom, L.H.,
			52	F 7220	Liner for bale chamber side, R.H.
			53	F 7759	Liner for bale chamber, L. H., 16" chamber
					3/8" x 1-1/4" # 3 Plow bolt
					3/8" x 1-1/2" # 3 Plow bolt



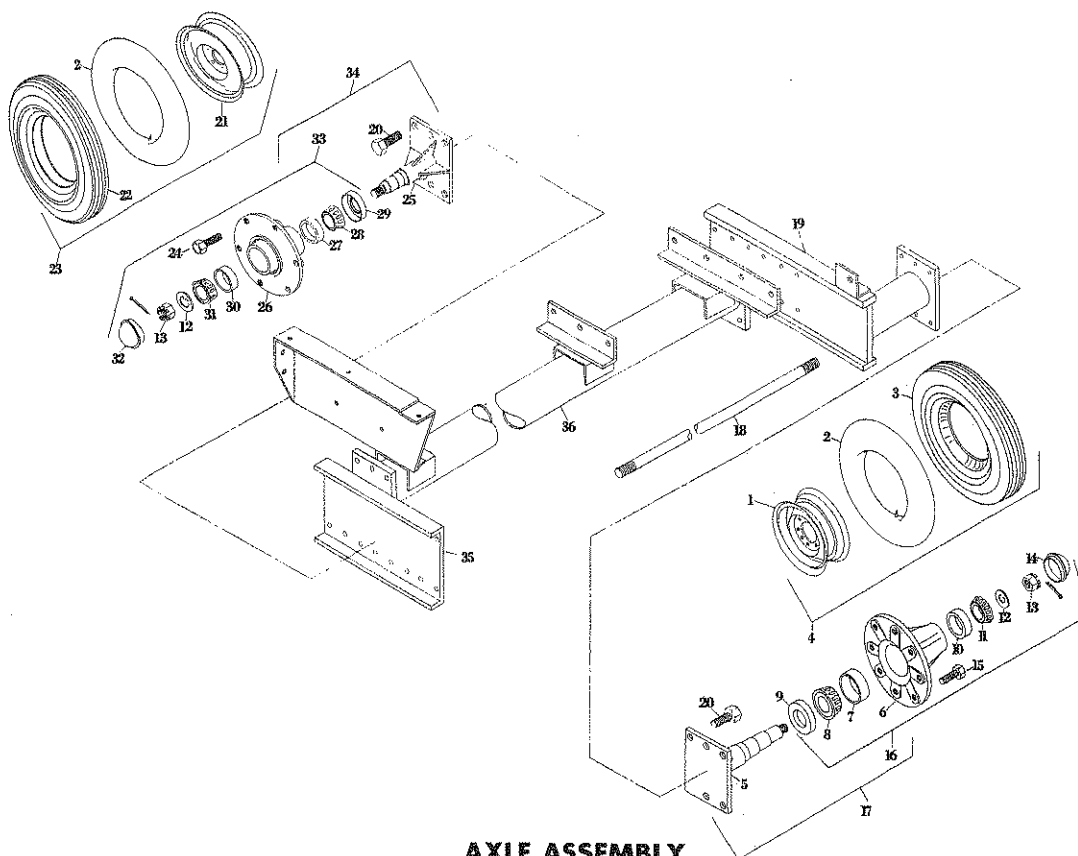
BALE CHAMBER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7507	Solid side (2 used)	19	F 841	Tightener bracket, knotter drive chain
2	F 7121	Side tension rail (2 used)	20	F 7670	Chain tightener adjusting bolt
3	F 1590	Top tension rail	21		3/8" x 3/4" NC Button head bolt (8 used)
4	F 493	Top tension angle	22	F 1581	Bracket for knotter drive chain shield
5	F 494	Bottom tension angle	23	F 7913	Idler roller mounting plate
6	F 1662	Spacer shim	24	F 883	Tightener and idler pulley for knotter drive chain
7	F 497	Flat linkage bar (8 used)	25	F 7056	Shield, knotter drive chain
8	F 600	Tension bolt, 3/4" x 27-3/4" (2 used)	26		1/2" x 5-1/2" NC Cap screw-top & bottom tension
9	F 7294	Bottom tension rail	27		1/2" x 5-1/2" NC Cap Screw-Side tension rail (2 used)
10	F 7563	Hay dog, R.H.	28		1/2" x 1-1/4" NC cap screw-Tension link linkage (8 used)
11	F 837	Hay dog, top and bottom, wire	29		3/8" x 2-1/2" NC Cap screw-Bottom tension rail
	F 7911	Hay dog, long, top, twine	30		3/8" x 1-1/4" NC Cap screw-Top tension rail
12	F 188	Hay dog spring	31		1/2" x 2-3/4" N.C. Cap Screw (2 used)
13	F 7562	Hay dog, L.H.	32		1/2" x 3" N.C. Cap screw
14	F 220	Hay dog pin	33	F 7797	Front Knotter chain shield
15	F 1589	Rubber pads for hay dogs, w/screws	34	F 7798	Front knotter chain shield bracket
16		3/8" x 3/4" NC Cap screw			
17	F 1392	Knotter drive chain, twine tie balers (238P#60)			
	F 7055	Knotter drive chain, wire tie baler (239P#60)			
	F 759	Offset link, RC60			
	F 760	Connecting link, RC60			
	F 761	Roller link, RC60			
18	F 7397	Sprocket for chain divider (2 used)			



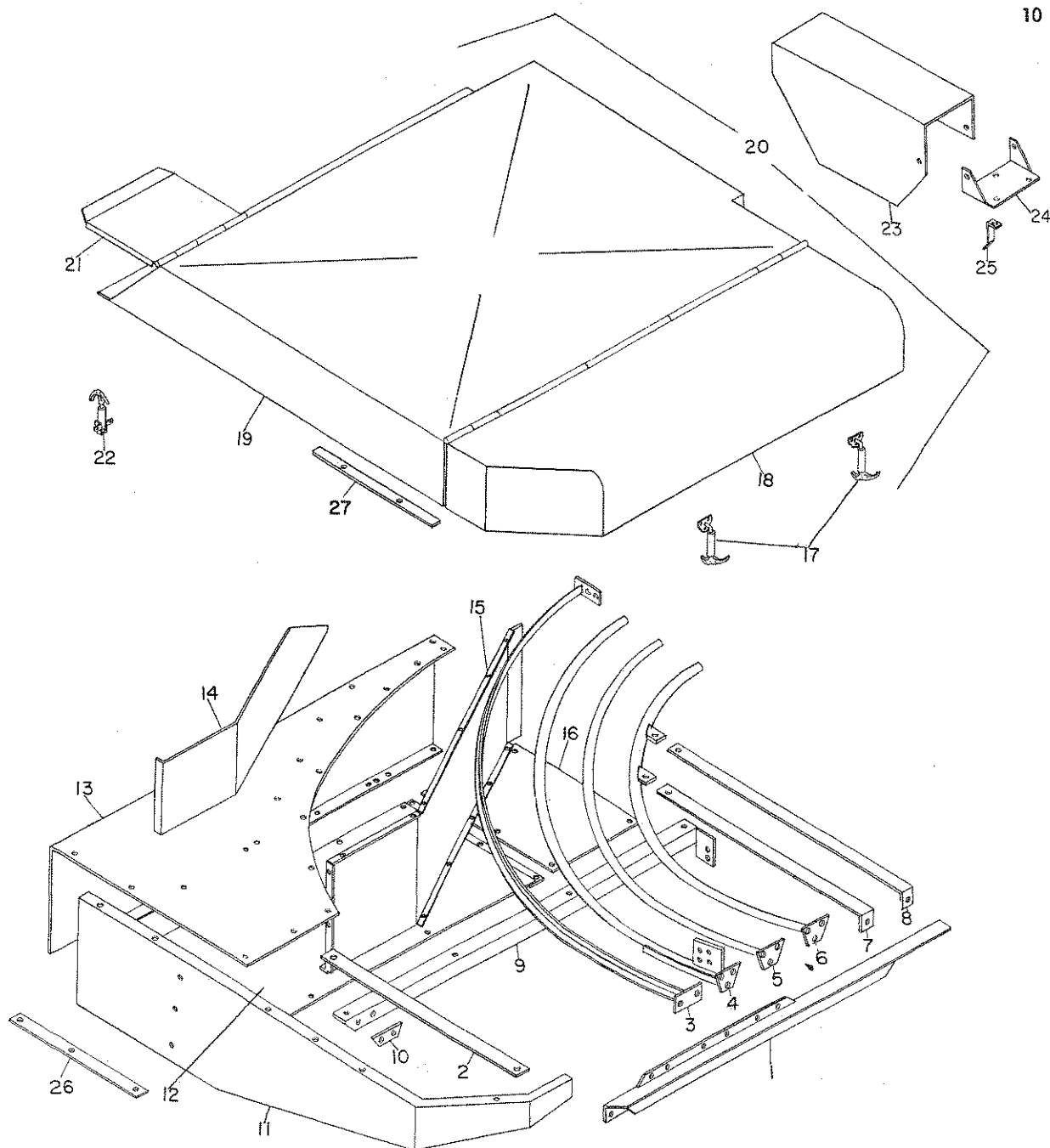
KNOTTER TRIP ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1617	Meter wheel shaft bracket (2 used)	15	F 1568	Bushing, rest lever, 1/2" x 5/8" x 1" oilite
2	F 1618	Meter wheel shaft bearing complete (2 used)	16	F 1515	Clutch stop lever
	F 1619	Meter wheel shaft bearing only RAO12N.P.P.B.	17		1/2" x 7/8" - 14 ga. machine bushing
3	F 1531	Meter wheel, 10"	18	F 1517	Trip spring
4	F 8034	Meter wheel shaft	19	F 1632	Meter trip bar stop with bolt
5	F 1686	Meter trip bar	20	F 1608	Shield for meter wheel
6	F 1687	Knurled friction disc	21		1/2" x 1-3/4" N.C. Cap Screw, trip bar stop
7	F 8023	Guide washer	22		1/2" x 1-1/4" N.C. Cap Screw, clutch stop
8	F 278	Spring	23		5/16" x 2" N.F. Cap Screw, clutch stop clamp
9	F 440	Ferrule	24		3/8" x 1-1/4" N.C. Cap screw, knurled roller and washers
10	F 1572	Cam follower bearing	25		5/16" x 3/4" N.C.B.H. machine screw, bearing to bracket
11	F 1513	Knotter trip mount	26		3/16" x 3/4" Cotter key
12		3/4" x 1-1/4" - 10 ga. machine bushing	27		1/8" x 1" Cotter key
13	F 7227	Bushing, 3/4" x 7/8" x 3/4" oilite			
14	F 1514	Reset lever			



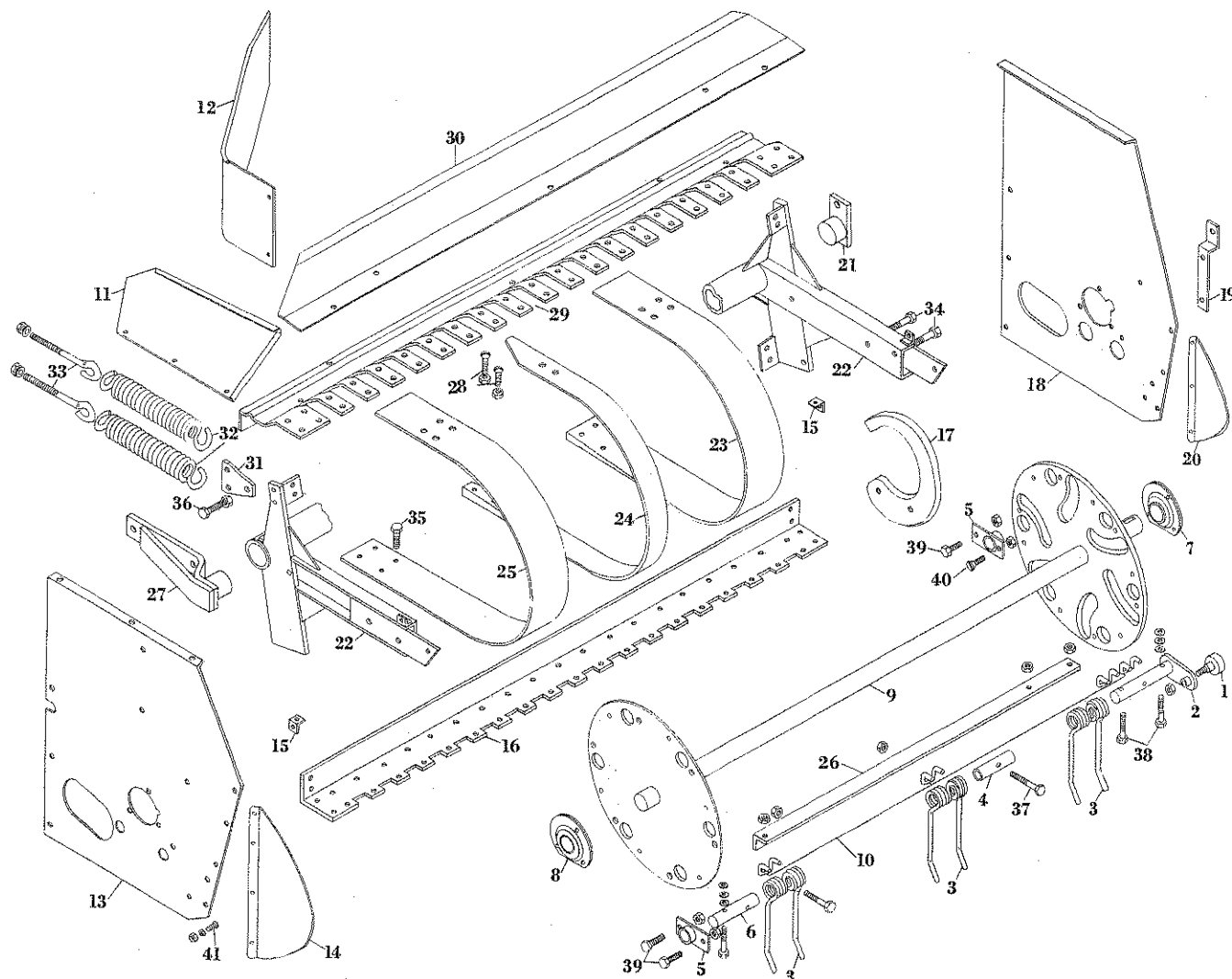
AXLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7989	Wheel, 8-hole, drop center, for F 7992 hub, L. H.	24	F 8072	Lug bolt for F 8007 hub
2	F 215	Inner tube, 7:50 x 16	25	F 8006	Spindle for F 8007 hub, R.H. side
	F 8029	Inner tube, for 11.5-15 flotation tire	26	F 8007	Hub with cups, R.H. side, 6 hole, Q777
3	F 213	Tire, 7:50 x 16-8-ply implement	27	F 8008	Inner wheel bearing cup for F 8007 hub, LM29710
4	F 7990	Drop center single wheel w/8-ply tire & tube mounted, L.H. 8 hole	28	F 8009	Inner wheel bearing cone for F 8007 hub, LM29749
5	F 7991	Spindle for F 7992 hub, L.H. side, 8 hole	29	F 8010	Grease retainer for F 8007 hub
6	F 7992	Hub with cups, L.H. side, Q778	30	F 8011	Outer wheel bearing cup for F 8007 hub, LM67010
7	F 7993	Inner wheel bearing cup for F 7992 hub, #25520	31	F 8012	Outer wheel bearing cone for F 8007 hub, LM 67048
8	F 7994	Inner wheel bearing cone for F 7992 hub, #25590	32	F 8014	Hub cap for F 8007 hub
9	F 7995	Grease retainer for F 7992 hub	33	F 8015	Single wheel hub w/bearings for 6-hole wheel less spindle, R.H.
10	F 7996	Outer wheel bearing cup for F 7992 hub, #25821	34	F 8016	Single wheel hub with spindle complete R.H. side
11	F 7997	Outer wheel bearing cone for F 7992 hub #25877	35	F 7756	Mounting channel, R.H. wheel
12	F 7998	Washer for spindle	36	F 7751	Tubular axle
13	F 7999	Nut for spindle			
14	F 8000	Hub cap for F 7992 hub		F 8018	Tandem wheel assembly, L.H. side to replace single assembly including one F 7757 plate, one F 8003 hub & spindle, & one F 7990 wheel & tire.
15	F 8001	Lug bolt for F 7992 hub		F 8019	Tandem wheel assembly complete, L. H. side, including one F 7757 plate, two F 8003 hub & spindle, two F 7990 wheel & tire.
16	F 8002	Single wheel hub w/bearings for 8-hole wheel less spindle, L.H.		F 8020	Tandem wheel assembly, R.H. side, to replace single assembly including one F 8017 plate, one F 8016 hub & spindle and one F 8005 wheel & tire.
17	F 8003	Single wheel hub with spindle complete L.H.		F 8021	Tandem wheel assembly complete, R.H. side, including one F 8017 plate, two F 8016 hub & spindle, two F 8005 wheel & tire.
18	F 600	Tandem axle base rod			
19	F 7757	Tandem wheel plate, L.H.			
20	F 7758	Bolt for spindle, 5/8" x 1-7/8" NFHT			
21	F 8004	Wheel, 6-hole, drop center for F 8007 hub, R.H.			
	F 8013	Flotation wheel, 6-hole for F 8007 hub R.H.			
22	F 212	Tire, 7:50 x 16, 4-ply implement			
	F 8028	Flotation tire, 11.5-15, 6-ply			
23	F 8005	Drop Center wheel with 4-ply tire & tube, mounted, R.H. 6-hole			
	F 8030	Flotation wheel with 11.5-15 6-ply tire & tube, mounted, R.H.			



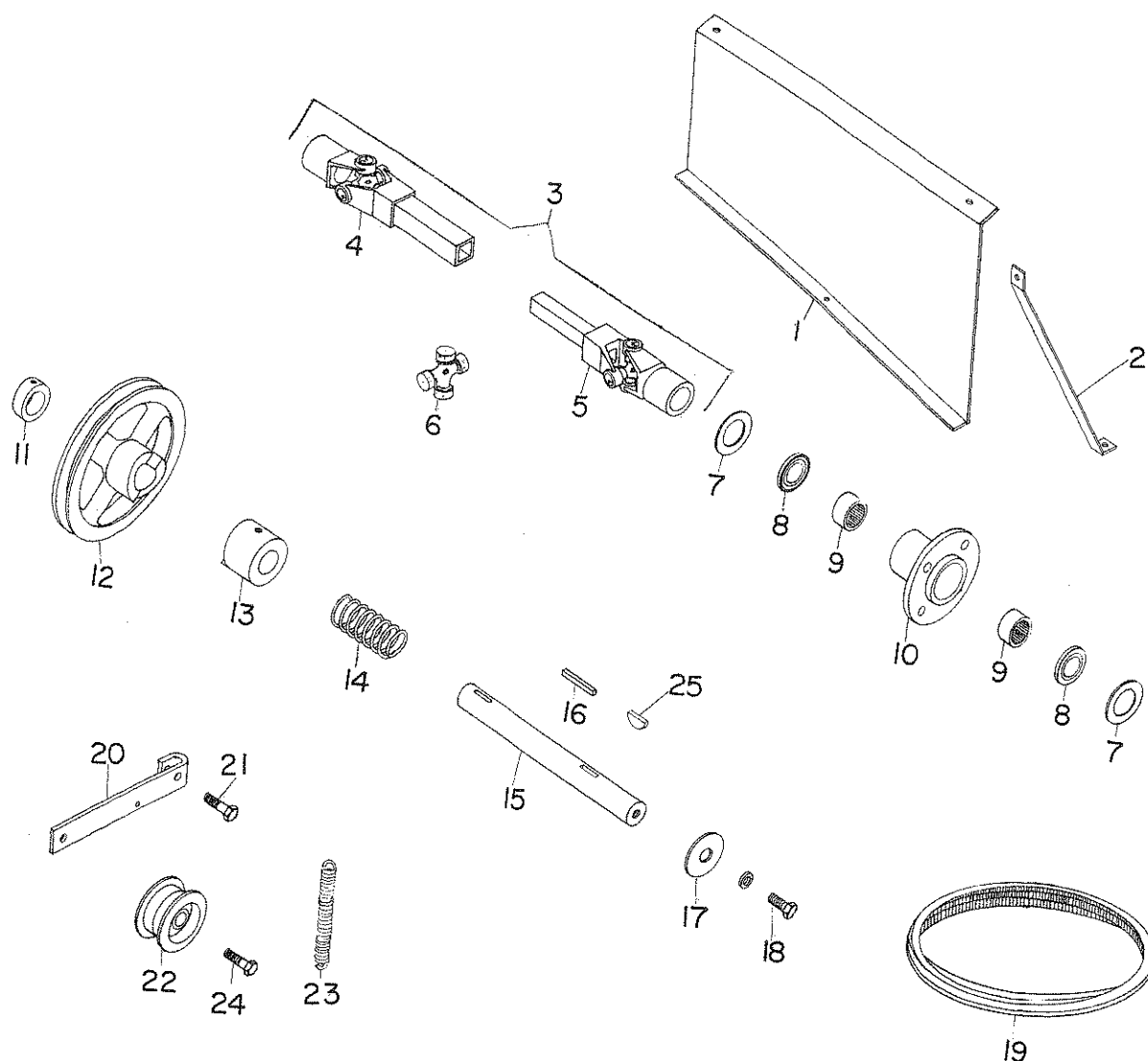
PICKUP FEEDER HOUSE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7482	Support angle for guard pipes	15	F 7152	Feeder house back sheet
2	F 7158	Hay hold down, outside	16	F 7145	Feeder house bottom wear plate
3	F 7299	Guard angle	17	F 7166	Catch for access door
4	F 7472	Guard pipe, outside with latch mounting plate	18	F 7633	Access door for F 7551 shield
5	F 7163	Guard pipe, center	19	F 7634	Shield over pickup, rear
6	F 7164	Guard pipe, inside	20	F 7551	Shield over pickup complete
7	F 7159	Hay hold down, center	21	F 7635	Tool box lid
8	F 7160	Hay hold down, inside	22	F 853	Catch for tool box cover
9	F 7157	Angle brace for feeder house bottom sheet	23	F 7517	Shield for needle yoke drive arm and brake
10	F 7394	Pickup stop	24	F 7579	Bracket knotter drive arm shield
11	F 7143	Feeder house end plate	25	F 7654	Brace for F 7579 bracket
12	F 7713	Feeder house bottom	26	F 7714	Feeder house bottom end shim, R.H.
13	F 7142	Feeder house rear and top section	27	F 7789	Shim for top of feeder house end plate
14	F 7127	Upright shield under hood			



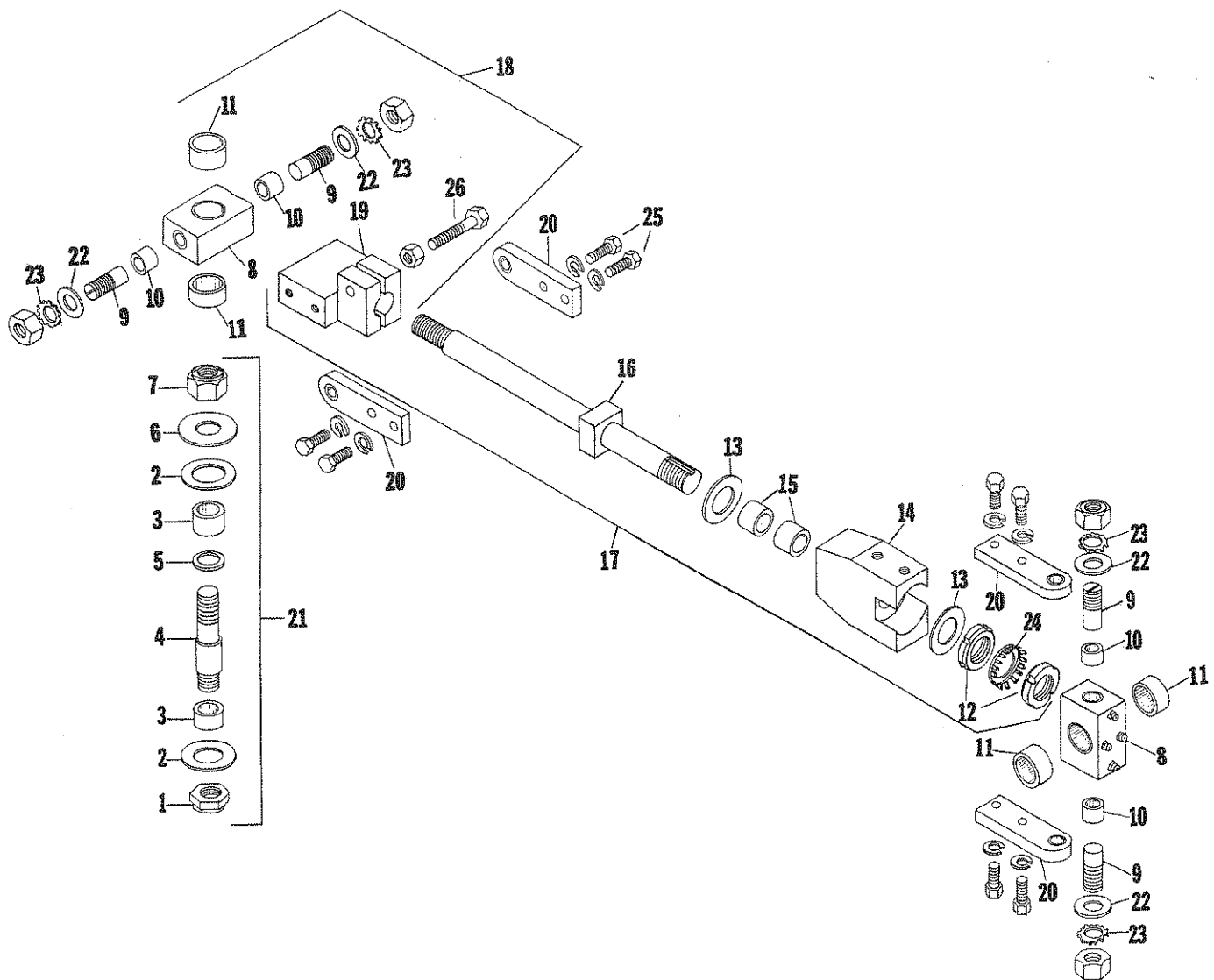
PICKUP CYLINDER ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7598	Roller for F 7597 cam lever	22	F 7177	Pickup frame
2	F 7599	Cam lever only	23	F 7732	Stripper, inside
	F 7597	Cam lever with roller (6 used)	24	F 7734	Stripper, center (17 used)
3	F 1226	Pickup finger, 6-1/2" shank (54 used)	25	F 7741	Stripper, outside
4	F 101	Pickup finger guide pipe (42 used)	26	F 7186	Tooth bar (6 used)
5	F 7187	Tooth bar bearing (12 used)	27	F 7382	Bearing, R.H., pickup mounting
6	F 98	Pin, tooth bar (6 used)	28		5/16" x 1" R.H. machine screw
7	F 7584	Bearing, pickup shaft, L.H.	29	F 7730	Top stripper bar, (formed)
8	F 7583	Bearing, pickup shaft, R.H.	30	F 7731	Pickup joint sheet
9	F 1717	Pickup shaft with flanges	31	F 7156	Spring plate
10	F 100	Pickup finger guide (60 used)	32	F 7154	Spring for pickup balance (2 used)
11	F 7146	Skirt for fender	33	F 96	Eyebolt for pickup balance spring (2 used)
12	F 7149	Fender extension	34		1/2" x 2-1/2" NC cap screw
13	F 7573	Fender, outside	35		5/16" x 3/4" NC cap screw
14	F 7148	Fender flare, outside	36		7/16" x 1-1/2" NC cap screw
	F 7355	Fender flare extension, outside	37		5/16" x 2" NC HT cap screw
15	F 7193	Fender mounting clip (4 used)	38		5/16" x 2-1/4" NC cap screw
16	F 7180	Bottom stripper bar	39		5/16" x 1" NC cap screw
17	F 7190	Pickup cam	40		5/16" x 1" CS machine screw
18	F 7572	Fender, inside	41		1/4" x 1/2" R.H. machine screw
19	F 7194	Pickup lift bracket			
20	F 7151	Fender flare, inside			
	F 7356	Fender flare extension, inside			
21	F 7176	Bearing, L. H., pickup mounting			
			F 7760		Pickup complete, less balance springs, lift bracket, and mounting bearings



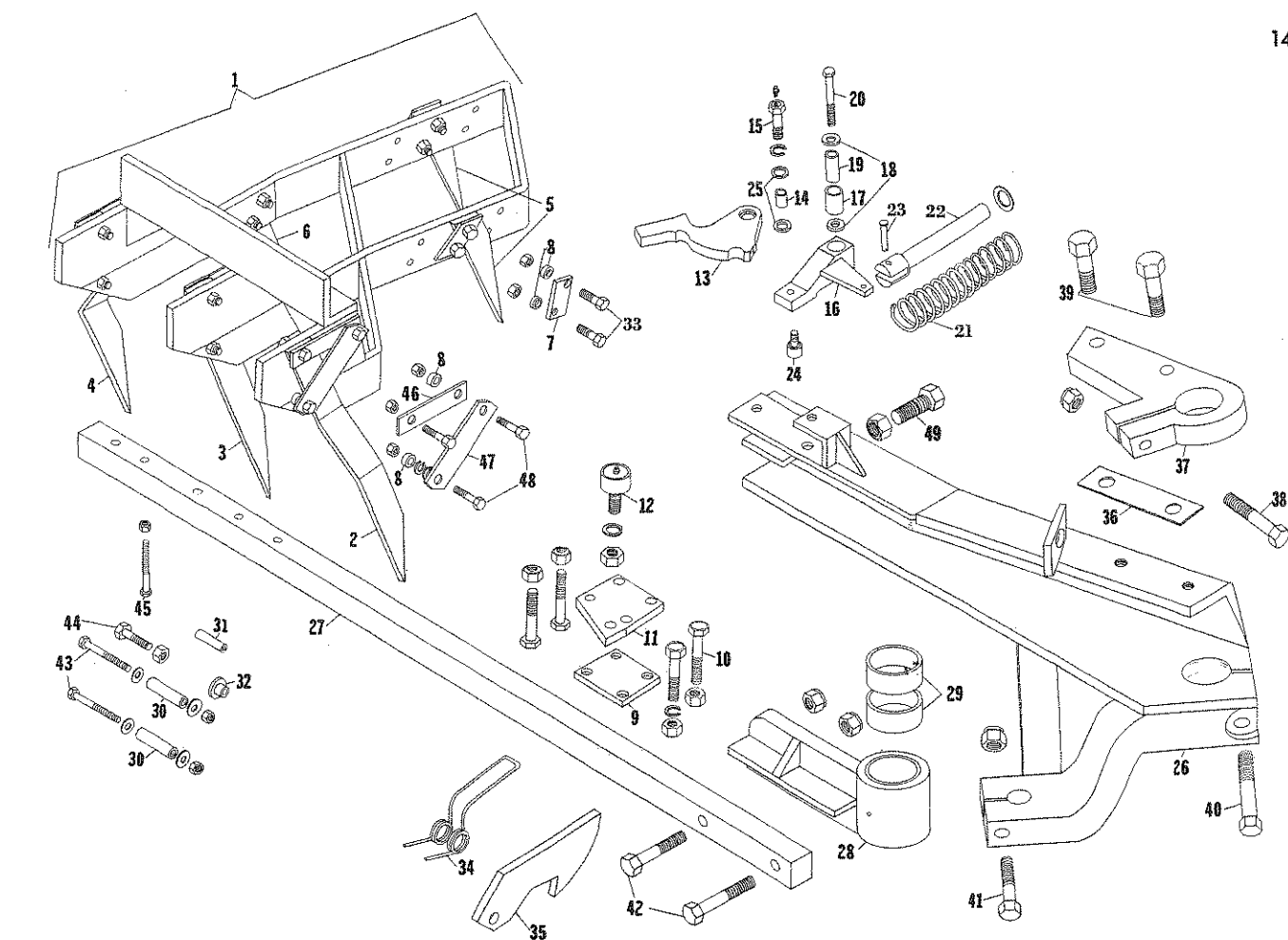
PICKUP DRIVE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7305	Pickup drive shaft shield	12	F 8A	Pickup driven sheave
2	F 7829	Brace for pickup drive shaft shield	13	F 7	Pickup clutch ring
3	F 7302	Universal drive shaft complete	14	F 126	Pickup clutch spring
4	F 7301	Universal with square tube	15	F 1264	Pickup drive shaft
5	F 7300	Universal with square shaft	16	F 122	Key, 1/4" x 1/4" x 2-1/2"
6	F 318	Universal joint repair kit	17	F 418	Pickup clutch spring cap
7	F 4136	Washer (2 used)	18		1/2" x 1" N.C. cap screw
8	F 671	Grease seal for F 669 (40169) (2 used)	19	F 7535	Pickup drive belt, CX105
9	F 672	Needle bearing for F 669 (BH2216) (2 used)	20	F 7546	Pickup drive belt tightener bracket
10	F 669	Pickup shaft bearing cage with bearing and seal	21		1/2" x 2-1/4" N.C. cap screw
11	F 99	Set collar, 1-3/8"	22	F 840	Idler pulley, pickup belt tightener
			23	F 129	Spring, pickup belt tightener
			24		1/2" x 2-1/2" N.C. cap screw
			25	F 83	Woodruff Key, 3/8" x 1-1/4"



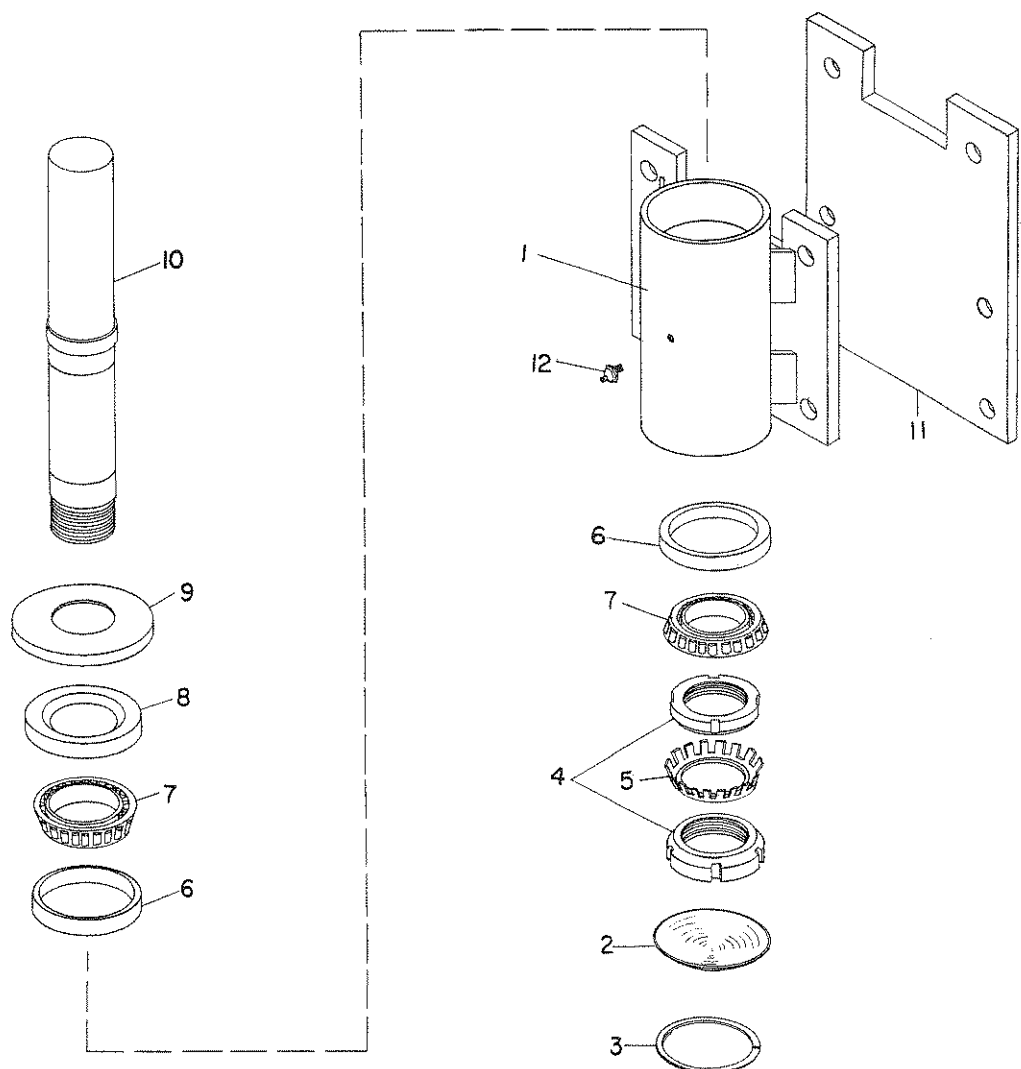
FEED ARM DRIVE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1386	Lock nut (1" jam)	13	F 7603	Thrust washer for F 7578 block
2	F 1260	Hardened washer, 1-3/8" x 2-1/2" x .025" (4 used)	14	F 7578	Thrust bearing block
3	F 1071	Inner race for F 480 bearing IR 1812 (4 used)	15	F 7612	Bushing for F 7578 block, 1-3/16" x 1-5/16" x 1-1/4"
4	F 1306	Crank pin only	16	F 8025	Feed arm conn rod only
5	F 1259	Spacer for F 1071	17	F 8026	Feed arm conn rod assembly
6	F 1261	Hardened washer, 1" x 2-1/2" x .065" (2 used)	18	F 482	Universal joint complete, RH thread
7	F 1385	Lock nut (1" full)	19	F 354	Adjusting block, RH thread
8	F 486	Bearing block with bearings (2 used)	20	F 484	Strap for universal (4 used)
9	F 485	Bearing pin in F 484 strap (4 used)	21	F 1450	Crank pin with races, washers and nuts complete
10	F 481	Bearing in F 486 block (small) B1212 (4 used)	22	F 802	Washer, bearing pin
11	F 480	Bearing in F 486 block (large) B2212 (4 used)	23		3/4" star lock washer
12	F 8024	Adjusting nut with thrust washer, N-06	24	F 8027	Lock washer, W-06
			25		1/2" x 1-1/2" NC Cap screw
			26		1/2" x 2-1/2" NC Cap screw



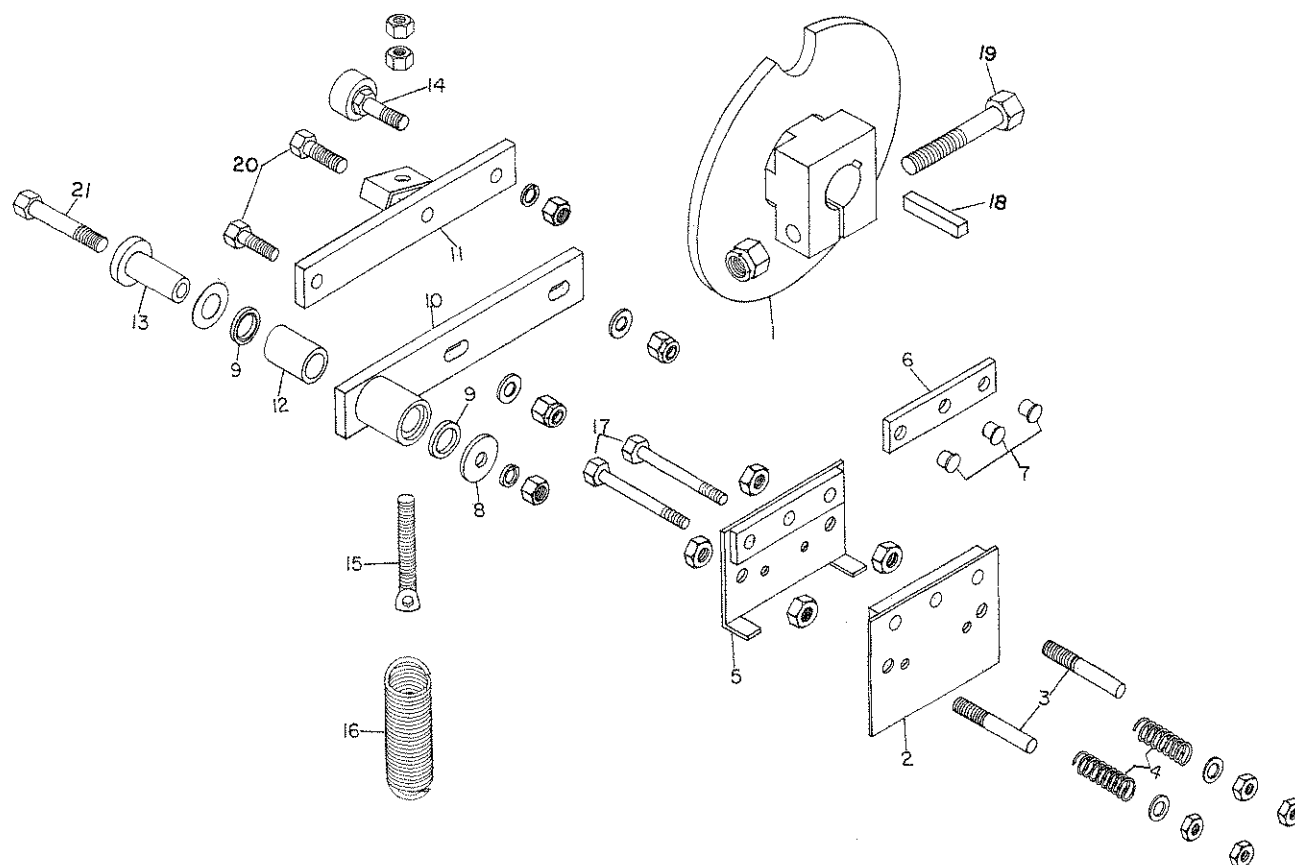
FEED ARM AND FEED FORK

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7984	Feed fork complete	29	F 1235	Bushing for torque shaft bearing, 2" x 2-1/2" x 1"
2	F 7967	Tine, trailing, inside, 1" offset	30	F 7275	Roll pin, 1/2" x 2" (2 used)
3	F 7968	Tine, trailing, center	31	F 7239	Roll pin, 3/8" x 1-1/2"
4	F 7969	Tine, trailing, outside, 2-1/2" offset	32	F 7276	Ferrule for F 1563
5	F 1603	Tine, leading, short (2 used)	33		7/16" x 1-1/2" N.F.H.T. cap screw
6	F 1189	Tine, outside center	34	F 281	Spring latch
7	F 1195	Clip for tines	35	F 1563	Catch for torque shaft
8	F 1193	Bushing and stop for tines	36	F 1648	Shim for straddle mount, 16 ga.
9	F 7532	Bottom plate		F 1649	Shim for straddle mount, 22 ga.
10	F 7534	Bolt, 3/8" x 2-3/4" N.F.H.T.	37	F 1634	Straddle mount plate for pivot shaft
11	F 7533	Roller plate			
12	F 4050	Latch roller	38		Bolt, 1/2" x 3" NF with nut, straddle mount plate clamp
13	F 7604	Latch	39		5/8" x 1-3/4" N.C. cap screw, straddle mount plate
14	F 7607	Bushing for F 7604 latch	40	F 1673	1/2" x 3" N.F. cap screw with lock nut, grade 8, feed arm clamp
15	F 7605	Latch hinge pin	41		1/2" x 4-1/4" N.F. cap screw with lock nut, clamp for feed arm pin
16	F 7606	Trip arm	42		1/2" x 3" N.F. cap screw with lock nut, torque shaft
17	F 1556	Trip arm bushing	43		5/16" x 2-1/2" N.C. cap screw, for spring and stop latch
18	F 1557	O ring (2 used)	44		7/16" x 1-1/2" N.C. cap screw, latch hinge pin
19	F 1558	Trip arm sleeve	45		3/8" x 2-1/2" N.F.H.T. cap screw (5 used)
20	F 1559	Trip arm pin	46	F 7970	Strap for feed fork tine, inside
21	F 1635	Trip arm spring	47	F 7971	Strap for feed fork tine, outside
22	F 1643	Trip arm spring rod	48		7/16" x 1-3/4" NFHT cap screw
23	F 1561	Trip arm spring rod clevis pin	49		5/8" x 1-3/4" NC cap screw w/nut
24	F 822	Cam follower for spring arm (CF1-S)			
25	F 7610	Quad ring for F 7604 latch			
26	F 7577	Feed arm			
27	F 7529	Torque shaft, 1-1/2"			
28	F 7660	Torque shaft bearing with bushing			



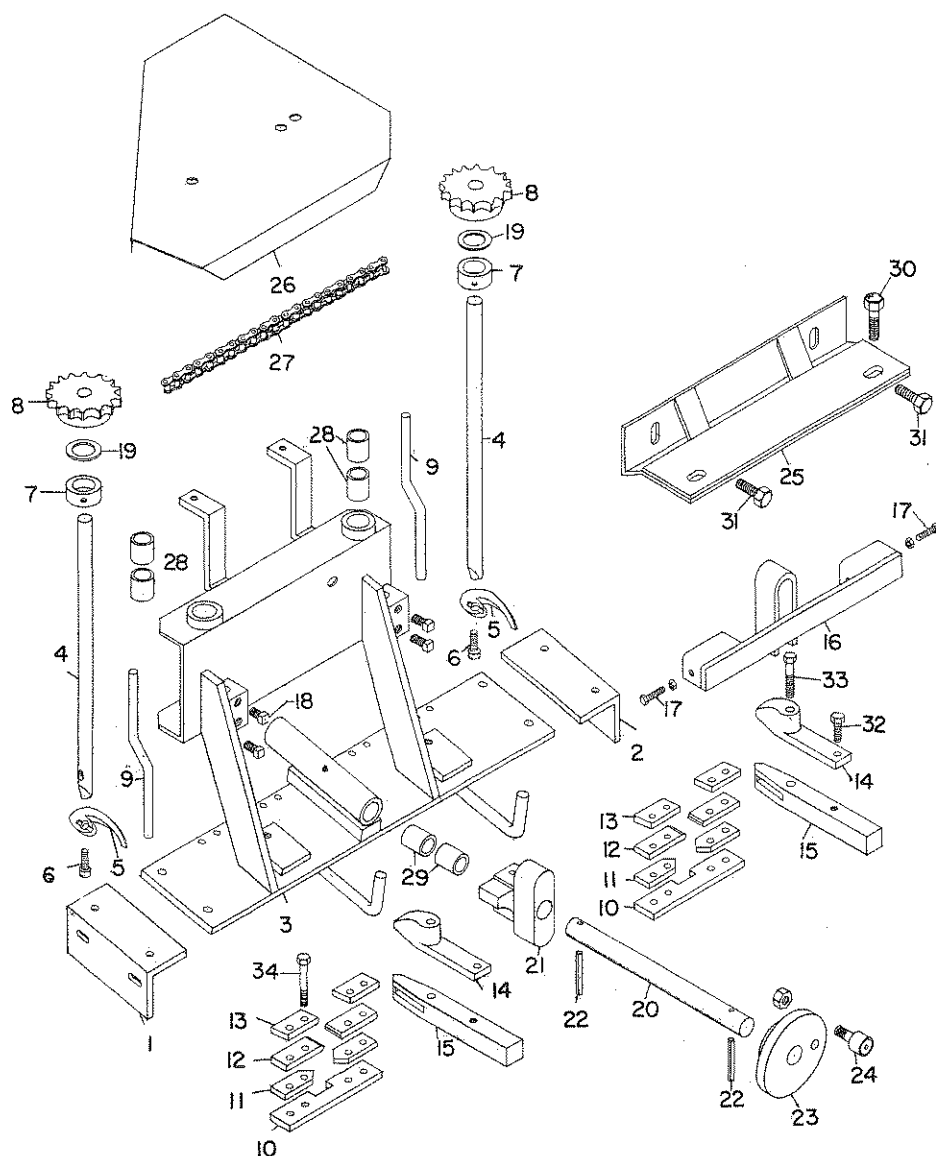
FEED ARM PIVOT SHAFT

REF. NO.	PART NO.	DESCRIPTION
1	F 1244	Feed arm bearing housing w/2-F5445 bearing cups
2	F 1248	Plug cap (HP 3750-134)
3	F 1247	Retaining ring (RR 375)
4	F 1245	Nut, bearing takeup (N-10) (2 used)
5	F 1246	Lock washer (W-10)
6	F 5445	Bearing cup (362A) (2 used)
7	F 5446	Bearing cone (368A) (2 used)
8	F 1428	Oil seal, used with F 1427 shaft (nat. 55093)
9	F 1239	Dust cap
10	F 1427	Pivot shaft
11	F 1250	Pivot shaft plate, 16" chamber
12	F 1661	Hydraulic shut-off fitting # 1940B



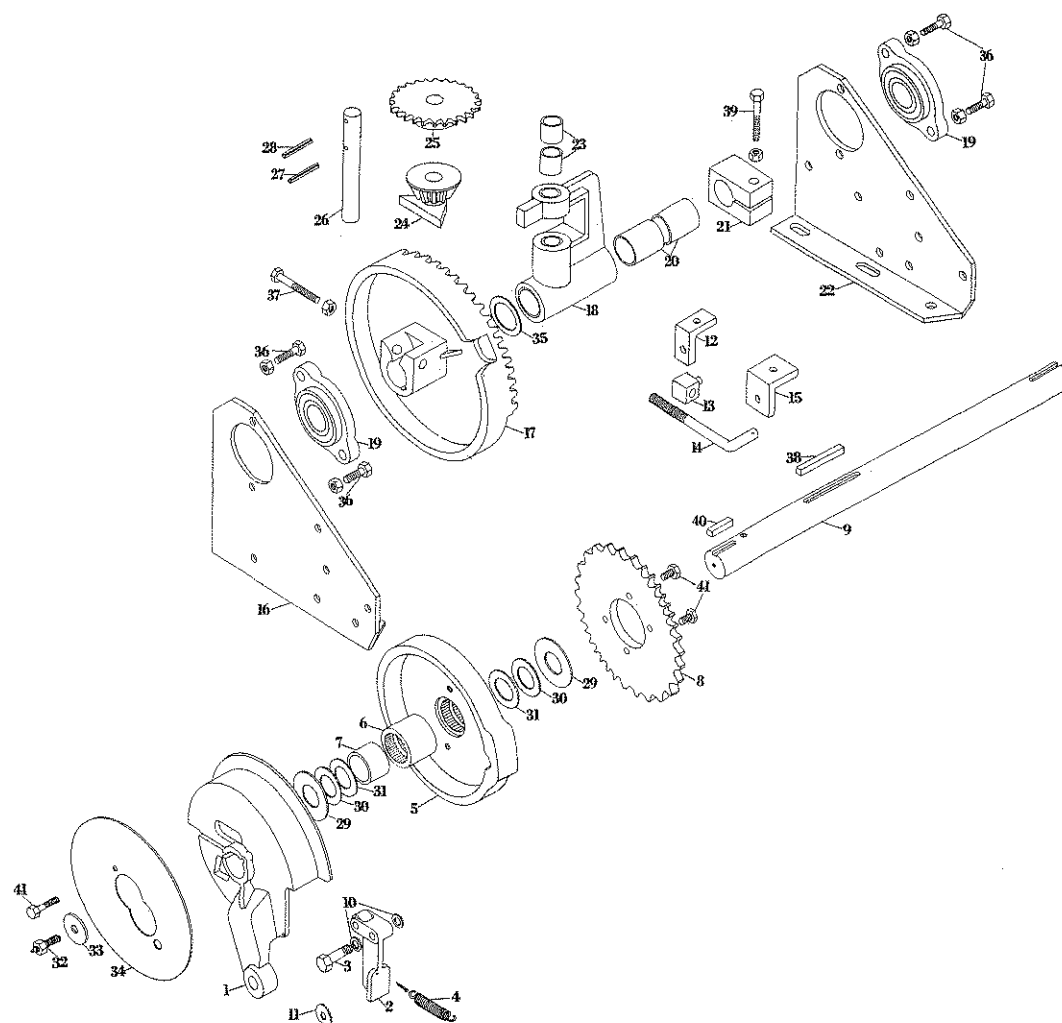
KNOTTER BRAKE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7528	Brake disc with hard notch, 1-3/8"	13	F 7585	Saddle lever sleeve
2	F 7450	Outside brake plate with lining	14	F 1572	Cam follower, saddle lever
3	F 7451	Brake plate stud (2 used)	15	F 7448	Saddle lever spring eyebolt
4	F 7453	Brake plate spring (2 used)	16	F 7559	Saddle lever spring
5	F 7449	Inside brake plate with lining	17	F 7452	Brake plate bolt, 1/4" x 3-1/2"
6	F 7454	Brake lining with rivets (2 used)			N.C.
7		Rivets for brake lining (6 used)	18	F 7904	3/8" x 3/8" x 2" key for brake disc
8	F 246	Saddle lever washer	19		1/2" x 3-1/4" N.C. cap screw w/fibre lock nut for brake clamp
9	F 7587	Seal for saddle lever anchor (63123 Victor)	20		5/16" x 1-1/4" N.C. cap screw w/fibre lock nut for saddle lever
10	F 7561	Saddle lever lower half with bushing	21		3/8" x 3-1/2" N.C. cap screw w/fibre lock nut for saddle lever anchor
11	F 7560	Saddle lever upper half with spring anchor			
12	F 7586	Bushing for saddle lever, 3/4" x 1" x 1-1/2"			



WIRE KNOTTER

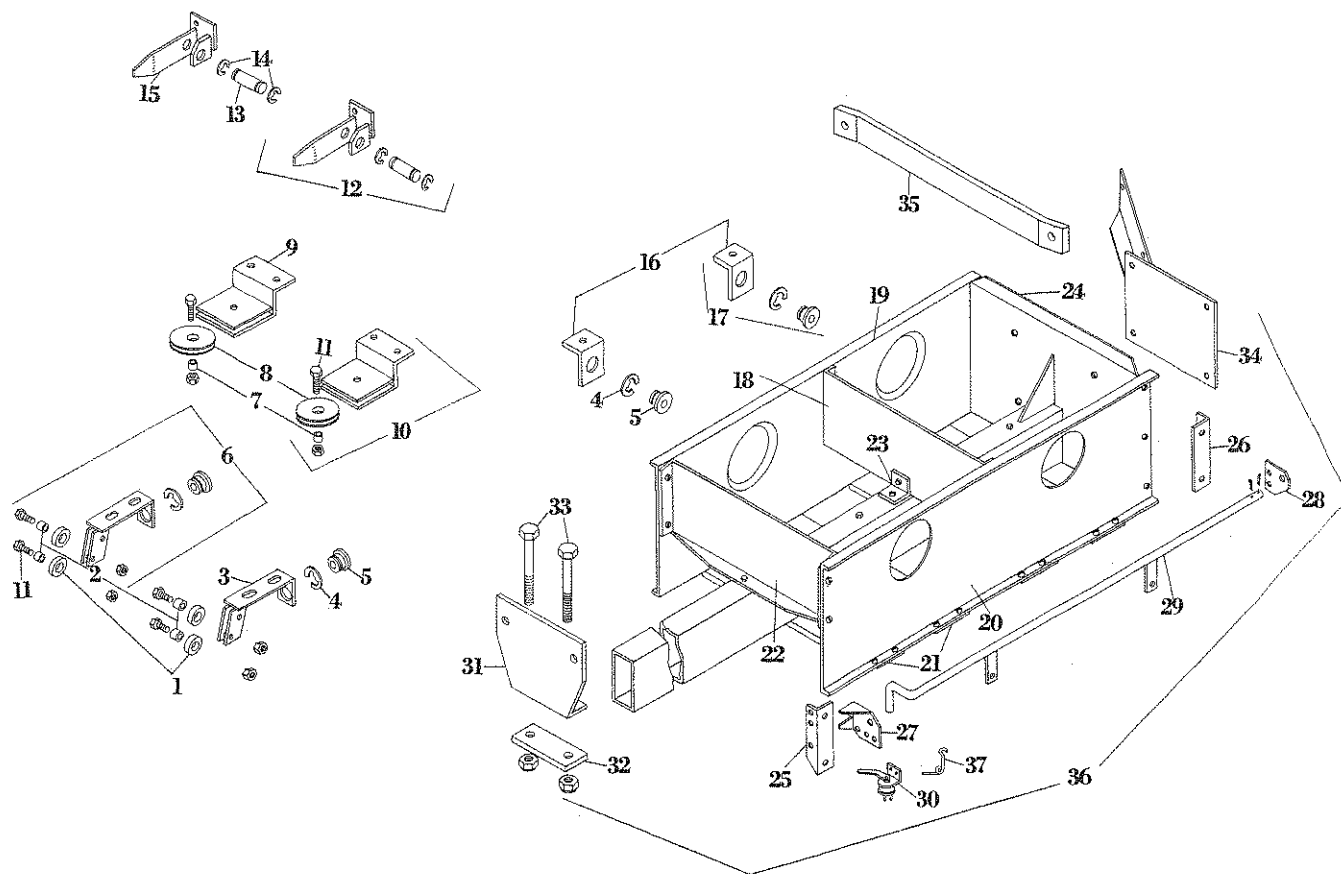
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7062	Knotter mounting angle, L. H.	21	F 7075	Shuttle bar drive cam
2	F 7065	Knotter mounting angle, R.H.	22	F 7076	Roll pin, 1/4" x 1-1/2"
3	F 7311	Twister and shuttle bar frame	23	F 7078	Shuttle bar crank flange
4	F 7089	Twister shaft	24	F 7079	Cam follower
5	F 4046	Twister hook	25	F 7353	Upper wire guide bracket
6	F 7248	Twister hook bolt	26	F 7317	Shield
7	F 172	Set collar, 3/4"	27	F 7348	Twister drive chain, 64P # 40
8	F 4024	Sprocket, twister shaft, 15T	28	F 7227	Bushing, twister shaft
9	F 7318	Wire holder rod	29	F 7227	Bushing, cam shaft
10	F 7087	Wire knife	30		3/8" x 1-1/4" N.C. cap screw
11	F 7086	Gripper spacer, bottom	31		3/8" x 1" N.C. cap screw
12	F 7085	Wire gripper	32		5/16" x 3/4" N.C. cap screw
13	F 7084	Gripper top plate	33		3/8" x 2-1/2" N.F.H.T. cap screw
14	F 7312	Wire divider	34		5/16" x 1-3/4" N.F.H.T. cap screw
15	F 7313	Wire gripper tongue			
16	F 7316	Shuttle bar with adjusting screws			
17	F 7081	Shuttle bar adjusting screws			
18		3/8" x 3/4" N.C. square head set screw			
19		Washer, 10 ga., 3/4"			
20	F 7077	Cam shaft			



WIRE KNOTTER

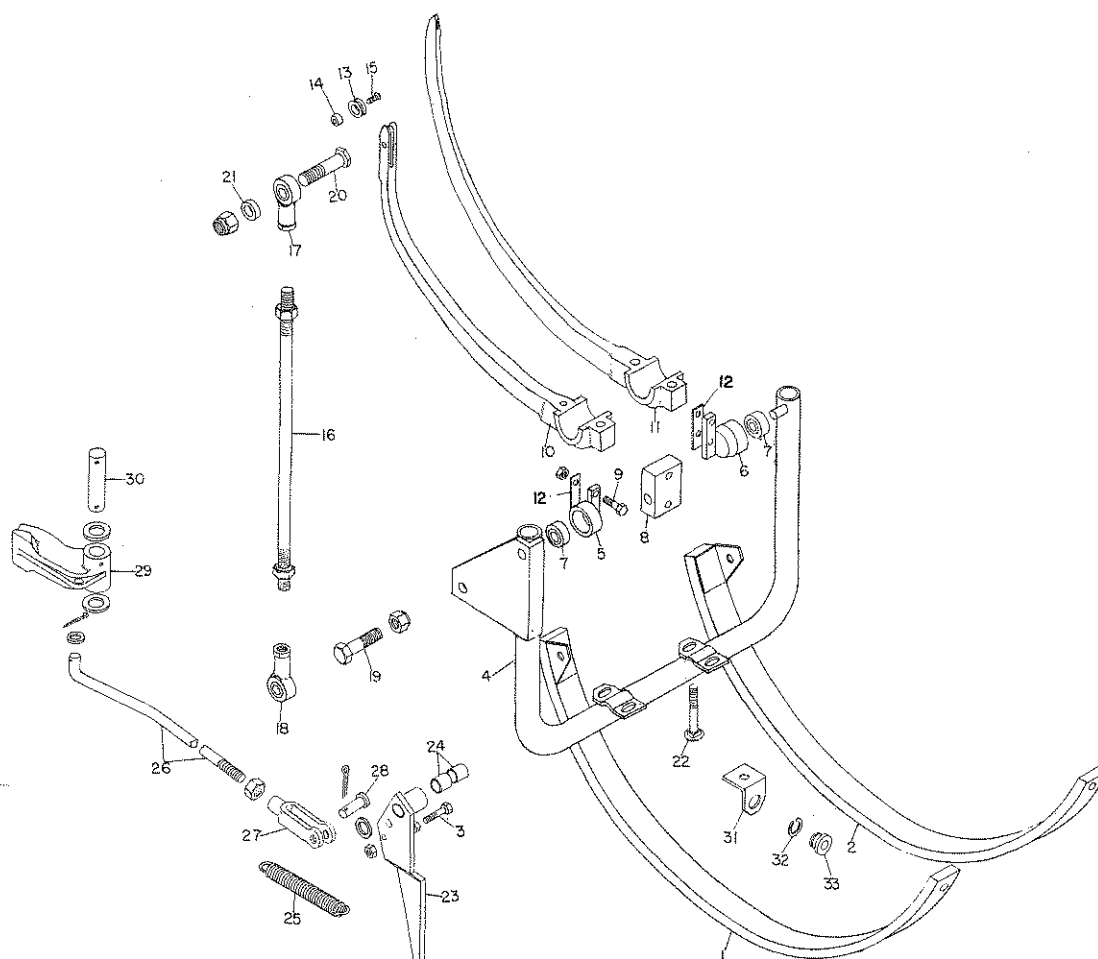
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7519	Clutch w/pawl, 1-3/8"	23	F 7247	Bushing for F 7072 frame, 7/8" x 1" x 1"
2	F 1622	Clutch pawl	24	F 7431	Pinion
3	F 1633	Clutch pawl pin	25	F 7257	Twister drive sprocket, 40B25
4	F 4115	Spring, clutch pawl	26	F 7069	Pinion shaft
5	F 4133	Notched clutch disc with F 4134 bearing, 1-3/8"	27	F 7076	Roll pin, pinion to shaft, 1/4" x 1-1/2"
6	F 4134	Bearing for F 4133 disc	28	F 4030	Roll pin, sprocket to shaft 1/4" x 2"
7	F 4135	Inner race for F 4134 bearing	29	F 4136	Hardened washer, 1-3/8" I.D., 16 ga.
8	F 755	Clutch sprocket (32T-#60)	30	F 4159	Knotter shaft spacer washer, 10 ga.
9	F 7457	Knotter shaft	31	F 4161	Knotter shaft spacer washer, 18 ga.
10	F 1623	Washer, 7/16" I.D. x 7/8" O.D. x .025"	32	F 1576	Adapter with 1950 zerk, end of knotter shaft
11	F 1620	Clutch pawl pin lock	33	F 246	Knotter shaft end washer, L. H.
12	F 7333	Angle for chain tightner rod, small	34	F 7987	Shield for knotter clutch
13	F 7335	Block for chain tightner rod	35	F 4159	Washer spacer, 10 ga., 1-3/8" I.D.
14	F 7334	Chain tightner rod		F 4160	Washer spacer, 14 ga., 1-3/8" I.D.
15	F 7332	Angle for chain tightner rod, large		F 4161	Washer spacer, 18 ga., 1-3/8" I.D.
16	F 7571	Knotter mount, L. H.	36		3/8" x 1-1/2" NC cap screw
17	F 7432	Intermittent gear	37		1/2" x 3" NC cap screw
18	F 7072	Pinion frame	38		3/8" x 3/8" x 2-3/4" Key
19	F 7063	Bearing, knotter shaft (2 used)	39		1/2" x 2-3/4" NC cap screw
20	F 4137	Bushing for F 7072 frame, 1-3/8" x 1-1/2" x 2"	40		3/8" x 3/8" x 2" key
21	F 4138	Clamp collar	41		3/8" x 1" NC Cap screw
22	F 7570	Knotter mount, R.H.			

F 7686 Wire knotter complete with clutch & brake



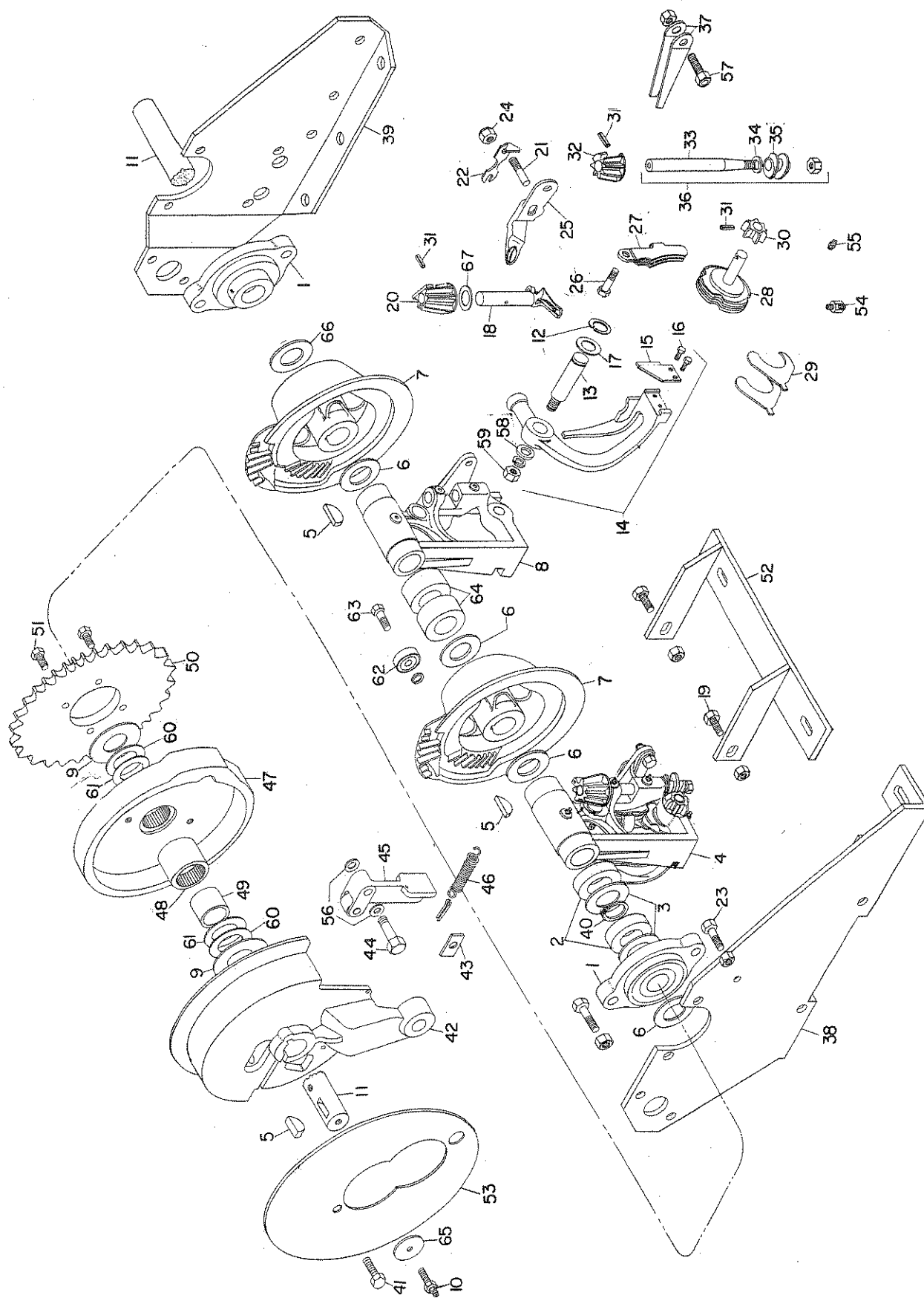
WIRE BOX AND WIRE GUIDES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 4014	Roller for wire guide and needle	21	F 7640	Wire box bottom slats
2	F 4015	Bushing for F 4014 roller	22	F 7641	Wire box end, left
3	F 4222	Wire guide frame only (lower rear)	23	F 7642	Wire box divider angle
4	F 857	Snap ring for F 856 bushing	24	F 7643	Wire box base with end plate
5	F 856	Wire guide bushing	25	F 7644	Angle for wire alarm mounting bracket, L. H.
6	F 4205	Wire guide complete, lower rear	26	F 7645	Angle for wire alarm mounting bracket, R.H.
7	F 4068	Bushing for F 4067 roller	27	F 4191	Mounting bracket for wire alarm rod, L. H.
8	F 4067	Roller, lower front wire guide	28	F 4190	Mounting bracket for wire alarm rod, R.H.
9	F 4223	Wire guide frame only, lower front	29	F 7716	Rod for wire alarm
10	F 4069	Wire guide complete, lower front	30	F 946	Switch only for wire alarm
11		Bolt with lock nut, 1/4" x 1" N.C. Cap screw	31	F 7555	Wire box mounting bracket
12	F 4203	Upper wire guide complete with pin	32	F 7556	Bottom support plate for F 7555
13	F 4204	Upper wire guide wear pin	33		Bolt with nut, 1/2" x 5-1/2" N.C. Cap screw
14	F 5159	Snap ring for wear pin	34	F 7557	Wire box mounting bracket, R.H.
15	F 4225	Upper wire guide, bracket only	35	F 7705	Brace for F 7557 RH wire box bracket
16	F 4163	Wire guide bracket, rear	36	F 7717	4 compartment wire box complete with braces and harness
17	F 4224	Wire guide bracket complete with bushing	37	F 4210	Spring for wire alarm rod
18	F 7637	Wire box divider			
19	F 7981	Wire box side, front			
20	F 7982	Wire box side, rear			



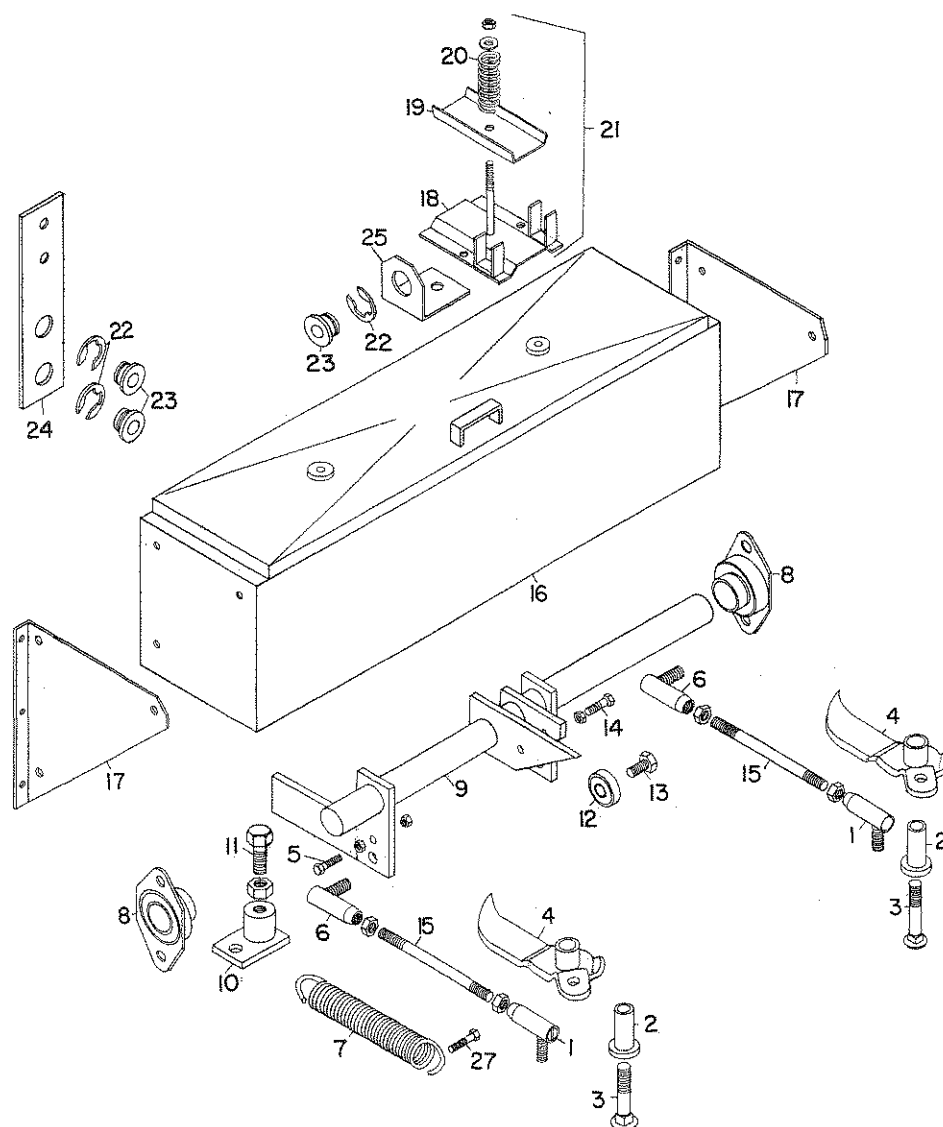
NEEDLE AND YOKE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7569	Needle guard, L. H.	16	F 7554	Needle yoke drive rod, wire
2	F 7568	Needle guard, R. H.		F 4081	Needle yoke drive rod, twine
3		3/8" x 2" N.C. Cap screw	17	F 1550	Needle yoke drive rod end, L.H. thread
4	F 7558	Needle yoke, wire	18	F 1549	Needle yoke drive rod end, R.H. thread
5	F 7522	Needle yoke bearing complete, L. H., wire only	19	F 1552	Bolt, drive rod to needle yoke with nut
6	F 7521	Needle yoke bearing complete, R.H. wire only	20	F 1551	Bolt, drive rod to clutch with nut
7	F 7523	Bearing for F 7521 and F 7522, KP12A wire only	21	F 172	Spacer collar used on twine tie only
8	F 4150	Needle yoke bearing, R.H. and L. H., twine only	22	F 7552	Bolt, needle to yoke with nut, 1/2" x 3-1/4" carriage
9		1/2" x 1-3/4" NC cap screw	23	F 7652	Plunger dog return lever
		1/2" x 2-1/4" NC cap screw	24	F 7845	Bushing for plunger dog return lever, 7/8" x 1" x 7/8"
10	F 7711	Needle, wide base, wire	25	F 1517	Plunger dog return spring
11	F 1611	Needle, cast iron curved, twine	26	F 7524	Plunger dog return rod
12	F 1702	Shim for wire needle yoke bearing	27	F 7526	Clevis for dog return rod
	F 1701	Shim for twine needle yoke bearing	28	F 7527	Clevis pin for F 7526 clevis
13	F 4014	Roller for needle and wire guide, 21/32" bore	29	F 7547	Plunger stop dog
14	F 4015	Bushing for F 4014 roller	30	F 7588	Plunger dog pin
15	F 4016	Bolt, needle roller	31	F 7973	Holder for needle twine guide bushing
			32	F 857	Snap ring for F 856
			33	F 856	Twine guide bushing



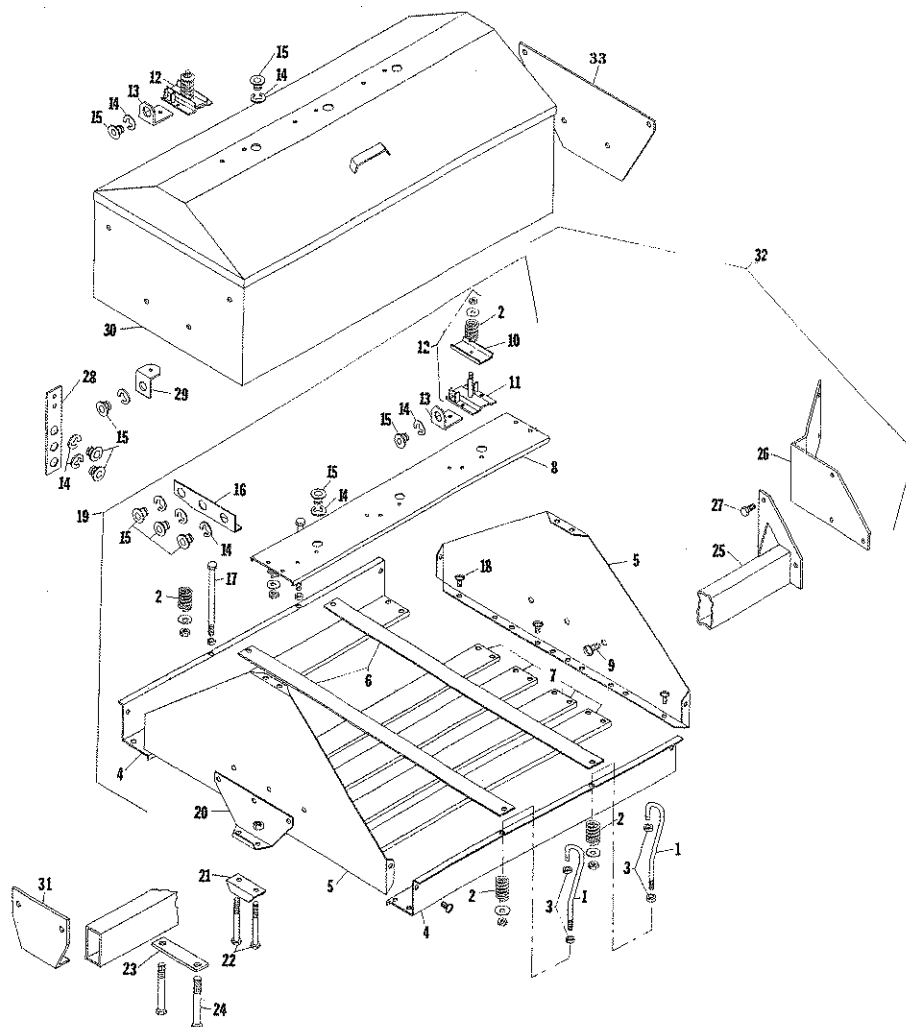
TWINE KNOTTER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7063	Knotter shaft bearing, 1-3/8"	35	F 7875	Knotter worm only
2	F 4160	1-3/8" set collar	36	F 7876	Knotter worm and shaft complete
3	F 8053	Knotter shaft spacer washer, 14 ga.	37	F 8052	Twine holder spring, 2 used
4	F 83	Knotter frame complete	38	F 7951	Twine knotted mount, L.H.
5	F 4159	Woodruff Key, 3/8" x 1-1/4"	39	F 7952	Twine knotted mount, R.H.
6	F 4160	Knotter shaft spacer washer, 10 ga.	40	F 8065	Snap ring, # 5100-137
	F 4161	Knotter shaft spacer washer, 14 ga.	41		3/8" x 1" N.C. Cap screw
	F 4161	Knotter shaft spacer washer, 18 ga.	42	F 7519	Clutch w/pawl, 1-3/8" shaft
	F 7977	Knotter shaft spacer washer, .010"	43	F 1620	Clutch pawl pin lock
7	F 7978	Knotter shaft spacer washer, .005"	44	F 1633	Clutch pawl pin
8	F 7942	Knotter cam gear	45	F 1622	Clutch pawl
9	F 7943	Knotter frame only	46	F 4115	Spring clutch pawl
10	F 4136	Hardened washer, 1-3/8" I.D., 16 ga.	47	F 4133	Notched clutch disc w/F4134 bearing
11	F 1576	Adapter with zerk			Bearing
12	F 8035	Knotter shaft, 1-3/8"	48	F 4134	Inner race
13	F 7976	Snap ring for knife arm pin	49	F 4135	Sprocket, knotted clutch, 60A32
14	F 7884	Knife arm pin	50	F 755	3/8" x 1" NC cap screw
15	F 8050	Knife arm complete	51		Knotter head anchor
16	F 8049	Twine knife	52	F 7881	Shield for knotted clutch
17	F 7859	Twine knife screw	53	F 7987	Zerk, 90°
18	F 7860	Knife arm washer	54	F 7882	Zerk straight
	F 7861	Knotter bill hook	55	F 7883	Washer, clutch pawl
	F 8070	Trigger for F 7861 knotted bill hook	56	F 1623	3/8" x 1" cap screw
	F 8071	Pin for F 8070 trigger	57		Knife arm shaft washer
19		3/8" x 1-1/4" NC Cap screw	58	F 7892	Knife arm shaft nut
20	F 1700	Pinion, knotted hook, steel cut	59	F 7893	Knotter shaft spacer washer, 10 ga.
21	F 7948	Knotter hook cam adjusting screw	60	F 4159	Knotter shaft spacer washer, 18 ga.
22	F 7947	Knotter hook cam adjusting spring	61	F 4161	Roller, twine finger drive (6200-22)
23		7/16" x 1-1/2" NF Cap Screw	62	F 570	Bolt, twine finger drive roller
24	F 7949	Knotter hook cam adj. screw nut	63	F 7854	Knotter shaft spacer, 1", 2 used
25	F 8051	Knotter hook cam	64	F 8066	Knotter shaft end washer
26	F 7867	Twine holder bolt	65	F 246	Knotter shaft spacer washer, 14 ga.
27	F 7868	Twine holder	66	F 4160	Knotter shaft spacer washer, 18 ga.
28	F 7869	Twine disc		F 4161	Knotter bill hook pinion spacer washer, .020"
29	F 7870	Twine disc cleaner	67	F 8068	Knotter bill hook pinion spacer washer, .035"
30	F 7871	Pinion, twine holder disc			Knotter bill hook pinion spacer washer, .035"
31	F 7872	Roll pin			Twine knotted assy. complete w/mounts, clutch assy., & brake assy.
32	F 7873	Pinion, knotted worm			Twine knotted shaft assy. w/ clutch assembly and brake disc
33	F 7874	Knotter worm shaft			
34	F 1680	Washer, knotted worm shaft, 28 ga.			
	F 657	Washer, knotted worm shaft, 10 ga.			
	F 658	Washer, knotted worm shaft, 14 ga.			
	F 659	Washer, knotted worm shaft, 18 ga.			



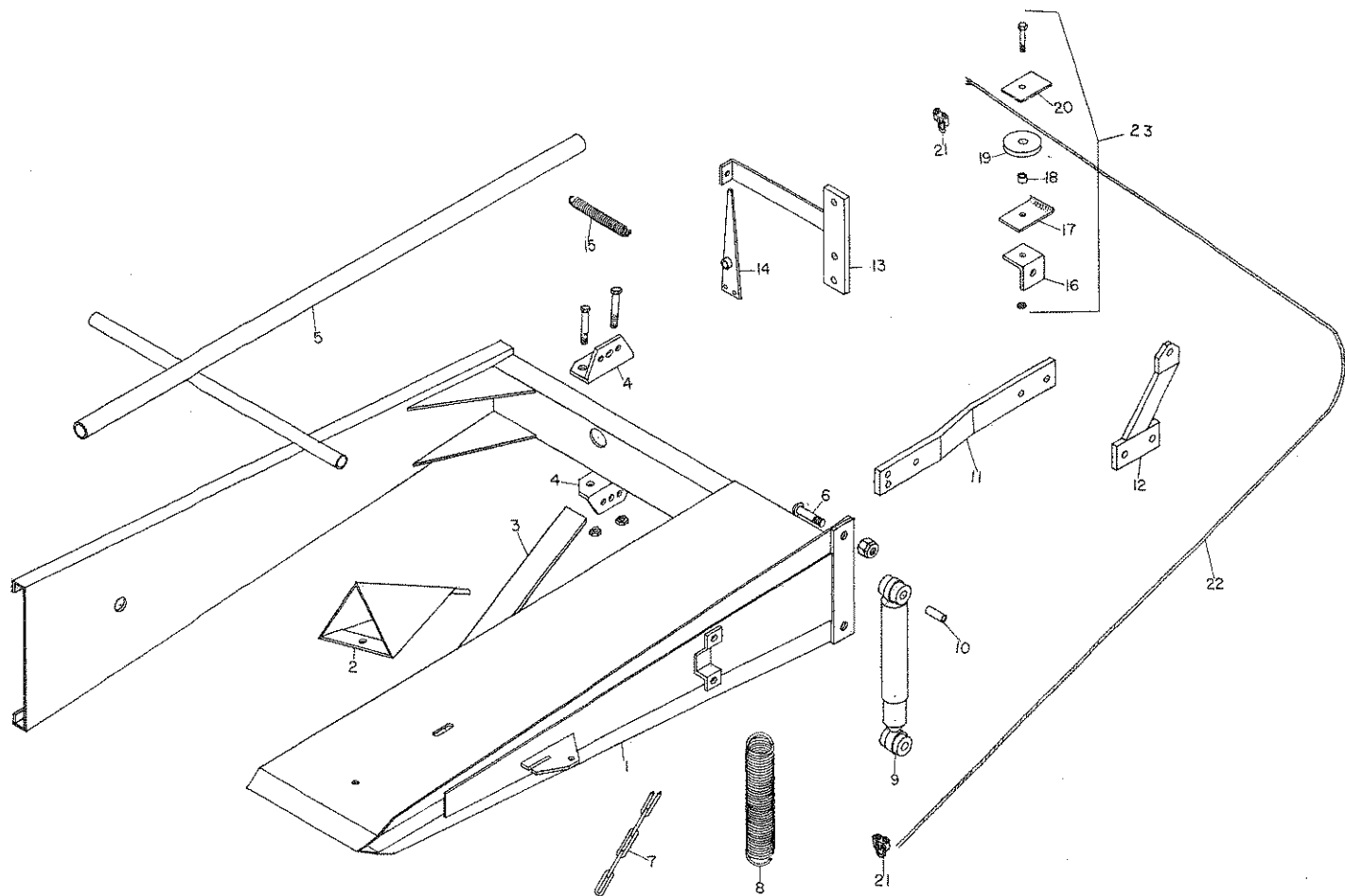
TWINE FINGERS, GUIDES AND BOX

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1295	Ball joint, twine finger drive, L.H. thread	10	F 7888	Twine finger stop bracket
	F 1343	Ball only, for F 1295	11		1/2" x 1-1/2" N.C. cap screw
	F 1345	Body only, L.H. threads for F 1295	12	F 570	Roller, twine finger drive, 6200-22
	F 1346	Threaded plug for F 1295	13	F 7854	Bolt, twine finger drive roller
	F 1347	Half bearing & spring for F 1295	14		1/4" x 1" N.C. cap screw
2	F 181	Bushing, twine finger	15	F 7887	Twine finger drive rod
3	F 1672	3/8" x 2-1/2", Grade 8 carriage bolt with nut	16	F 1465	Twine box, (4 compartment)
4	F 7885	Twine finger		F 7690	Twine box, (8 compartment)
5		1/4" x 1-1/4" N.C. Cap screw	17	F 7136	Bracket for mounting 4 compartment twine box
6	F 1294	Ball joint, twine finger drive, R.H. thread		F 7691	Bracket for mounting 8 compartment twine box
	F 1343	Ball only, for F 1294	18	F 7889	Twine tension base
	F 1344	Body only, R.H. threads for F 1294	19	F 7890	Twine tension top
	F 1346	Threaded plug for F 1294	20	F 7541	Twine tension spring
	F 1347	Half bearing & spring for F 1294	21	F 7891	Twine tension assembly
7	F 1517	Spring, twine finger return	22	F 857	Snap ring for F 856
8	F 1290	Bearing, twine finger drive rod	23	F 856	Twine guide bushing
9	F 7895	Twine finger drive shaft assembly	24	F 524	Holder for twine guide bushing
			25	F 7898	Twine guide bushing holder



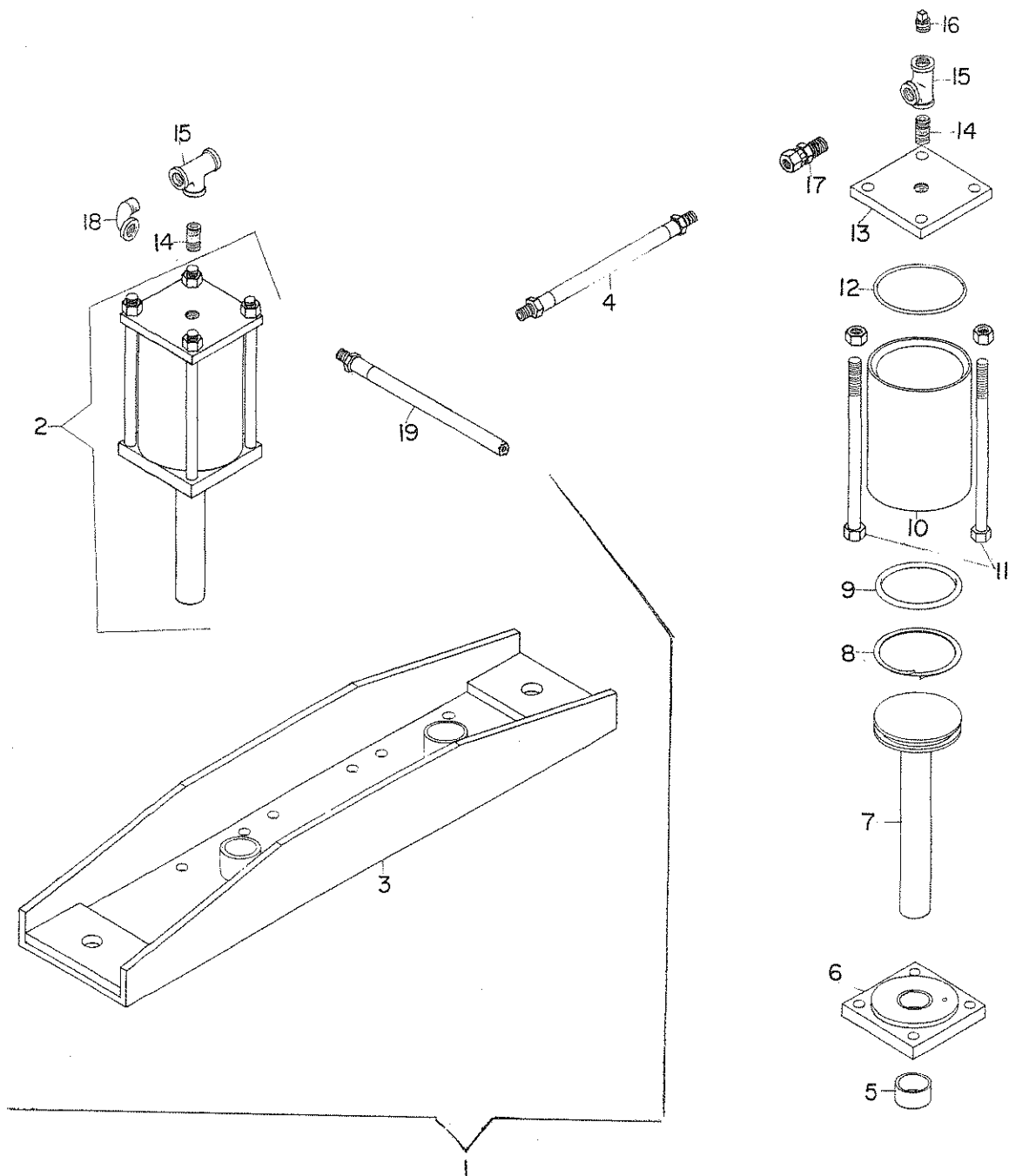
TWINE BOX AND TWINE GUIDES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7927	Twine box hold down rod	20	F 7937	Twine box bracket
2	F 7541	Spring, twine box hold down	21	F 6318	Twine box clamp
3	F 7928	Set collar, 5/16"	22		3/8" x 5" NC Cap screw
4	F 7929	Twine box side	23	F 7556	Bottom support plate for F 7555
5	F 7930	Twine box end	24		1/2" x 5-1/2" NC cap screw
6	F 7931	Twine box hold down	25	F 7938	Twine box base tube with end mount
7	F 7932	Twine box bottom	26	F 7939	Twine box mounting bracket, R.H.
8	F 7933	Twine box top section	27		3/8" x 1" NC cap screw
9		3/8" x 3/4" flat head machine screw	28	F 524	Holder for twine guide bushing
10	F 7890	Twine tension top	29	F 7973	Holder for needle twine guide bushing
11	F 7889	Twine tension base	30	F 8064	Twine box, 6 compartment, dome lid
12	F 7891	Twine tension assembly		F 7974	Twine box, 8 compartment, dome lid
13	F 7898	Twine guide bushing holder	31	F 7555	Twine box tube mounting bracket, left hand
14	F 857	Snap ring for F 856	32	F 7985	Twine box, 9 compartment, large plastic twine balls, complete with base tube and mounting brackets
15	F 856	Twine guide bushing	33	F 6317	Twine box bracket
16	F 7934	Twine guide bracket			
17	F 7935	Twine box hold down bolt			
18		1/4" x 1/2" flat head machine screw			
19	F 7936	Twine box complete, 9 compartment large plastic twine ball, Ref. 1-18			



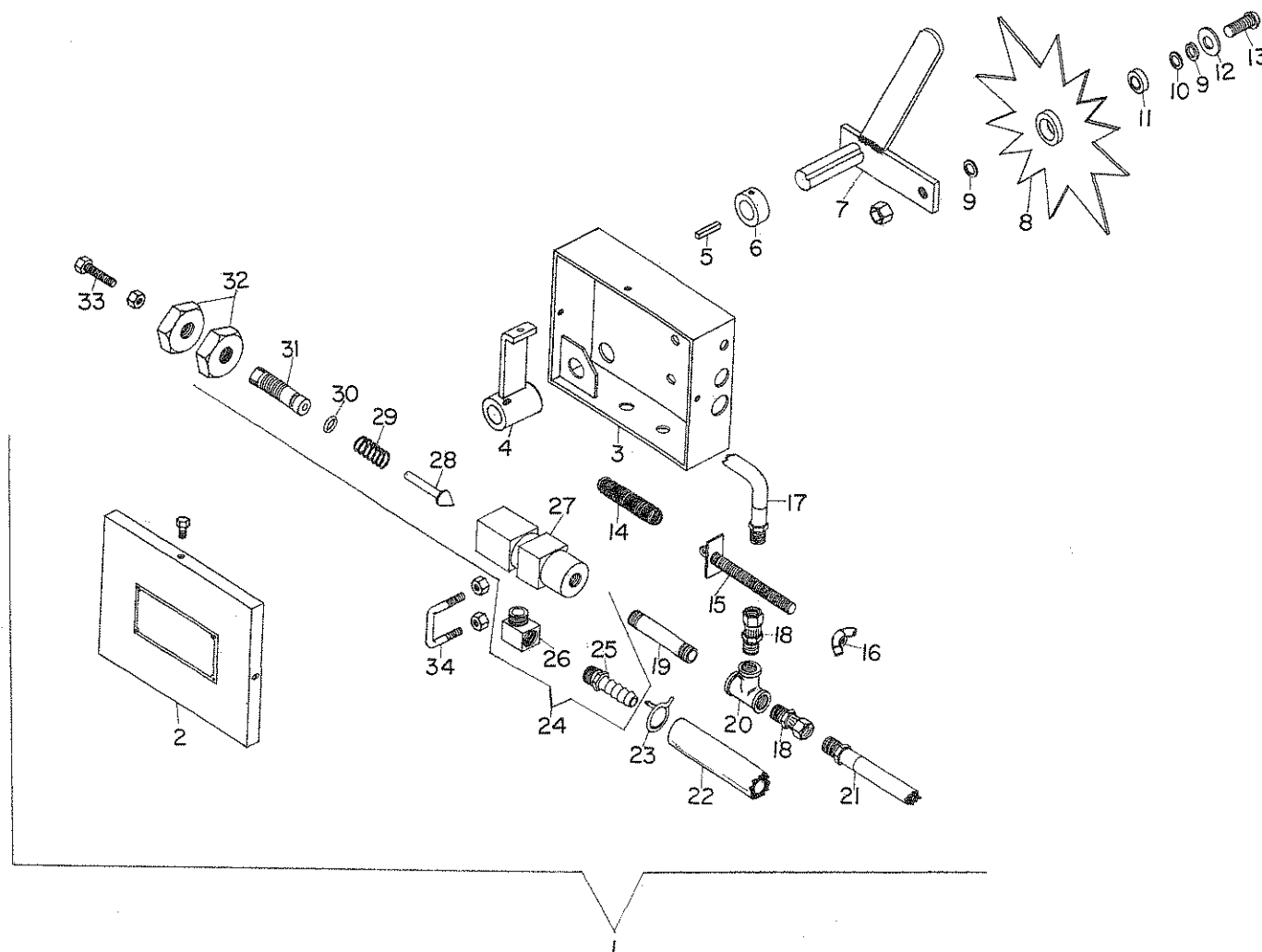
BALE CHUTE AND WEIGHT INDICATOR

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7601	Bale chute, frame only	10	F 993	Bushing for shock absorber
2	F 7655	Bale turner	11	F 1638	Shock absorber support
3	F 7656	Bale skid	12	F 1639	Cable bracket
4	F 7657	Bale skid bracket, 2 used	13	F 997	Weight indicator bracket
5	F 7624	Flat chute adapter for combination chute	14	F 998	Indicator hand
6	F 7658	Button head bolt, 1/2" x 1-1/2"	15	F 268	Indicator return spring
7	F 7659	Chain, bale chute	16	F 999	Mounting angle for F 7236 sheave
8	F 108	Spring, bale chute, 2-tie turning	17	F 994	Shield for F 4067 roller
	F 985	Spring, bale chute, 2-tie flat	18	F 4068	Bushing for F 4067 roller
9	F 988	Shock absorber	19	F 4067	Roller for F 7236 sheave
			20	F 995	Plate for F 4067 roller
			21	F 990	Cable clamp, 1/8" (2 used)
			22	F 7661	Indicator cable, 1/8" aircraft 65"
			23	F 7236	Sheave complete, bale weight indicator



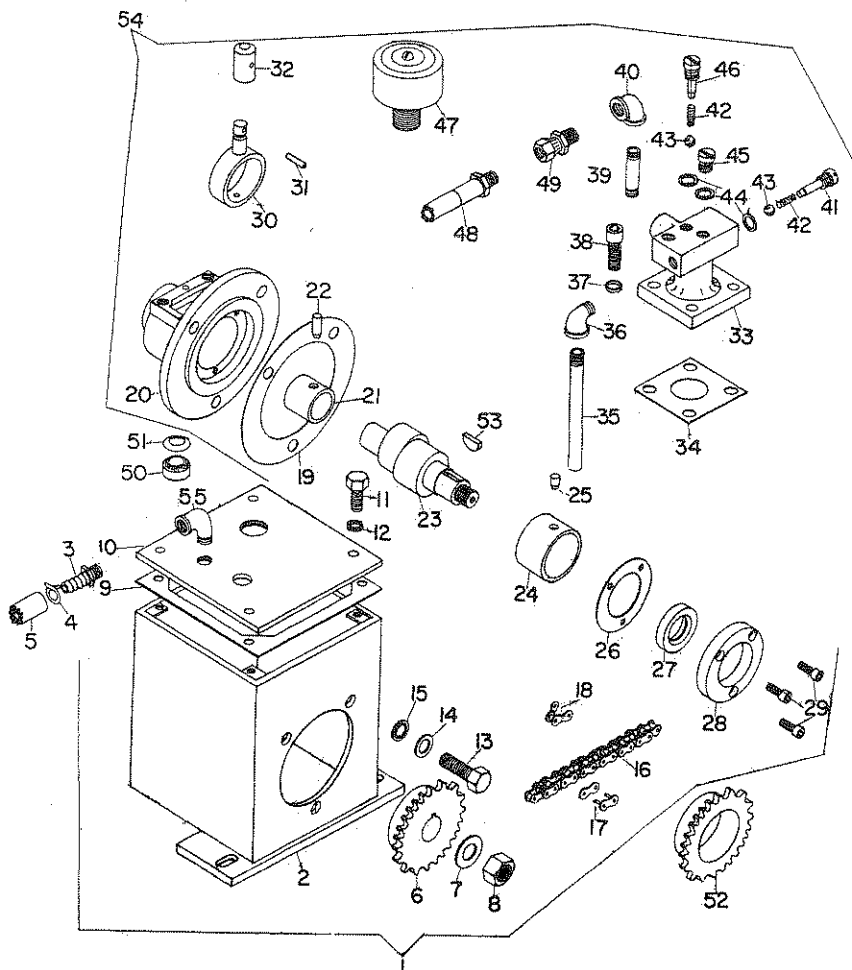
TENSION CONTROL RAM ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	FT 153	Single ram assy., complete	9	FT 12	O-ring for piston
2	FT 198	3" cylinder complete with top and bottom	10	FT 10	Cylinder
3	FT 199	Cylinder frame	11	FT 16	Tie bolt, 3/8" x 7" N.F.H.T. with nut (4 used)
4	FT 200	Pressure hose, ram to ram, 8"	12	FT 15	O-ring top seal
5	FT 19	Bushing for FT 14 (1" x 1-1/4" x 5/8")	13	FT 13	Cylinder top
6	FT 14	Cylinder bottom with bushing	14	FT 73	Nipple, 1/4" x 1-1/2"
7	FT 11	Piston	15	FT 74	Tee, 1/4"
8	FT 137	Back up ring for FT 12 (MS-28782 -37)	16	FT 75	Pipe plug, 1/4"
			17	FT 107	Union Swivel, 1/4"
			18	FT 18	Street elbow, 1/4"
			19	FT 136	Pressure hose, bypass to ram, 24"
			20	FT 201	Receptical for dual rams



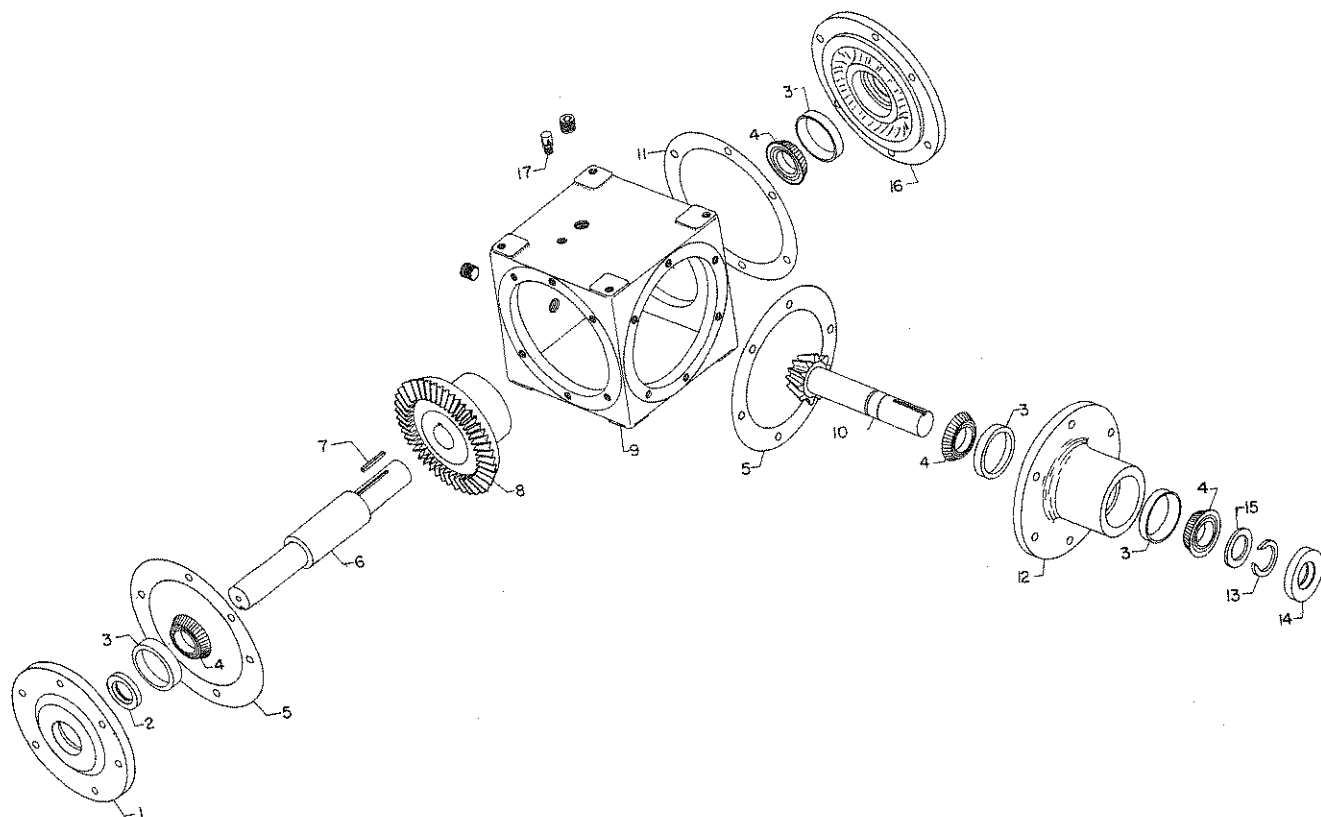
TENSION CONTROL BYPASS BOX

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	FT 192	Bypass box complete with 1/2" return hose, less pressure hose	18	FT 107	Union swivel
2	FT 50	Bypass box cover	19	FT 72	Pipe nipple, 1/4" x 3"
3	FT 194	Bypass box	20	FT 74	Tee
4	FT 67	Bypass lever	21	FT 150	Pressure hose, pump to bypass 90"
5		Key, 3/16" x 3/16" x 1"	22	FT 191	Bypass return hose, 1/2" x 93"
6	FT 68	Spacer, penetration wheel arm	23	FT 187	Hose clamp, 1/2"
7	FT 177	Penetration wheel arm	24	FT 185	Bypass assembly complete for 1/2" return hose
8	FT 178	Penetration wheel with bearing	25	FT 193	Hose nipple (1/2" hose)
9	FT 209	Washer, 14 ga., 3/8" x 5/8"	26	FT 188	3/8" street elbow, weatherhead (3400 x 3/8")
10	FT 210	Washer, 18 ga., 3/8" x 5/8"	27	FT 184	Bypass cylinder, 1/2" hose (sq. stock)
11	FT 179	Bearing, penetration wheel (BR 9904)	28	FT 87	Bypass check pin
12	FT 123	Washer, 3/8"	29	FT 63	Spring, bypass check pin
13	FT 211	Button head bolt, 3/8" x 1"	30	FT 53	O-ring, bypass
14	FT 213	Adjusting screw tension spring	31	FT 54	Plunger, less nuts
15	FT 61	Adjusting screw (eyebolt)	32	FT 55	Jam nut, 5/8"
16	FT 62	Wing nut for adjusting screw	33		1/4" x 1-1/4" N.C. cap screw
17	FT 136	Pressure hose, bypass to ram, 24"	34	FT 58	U-bolt



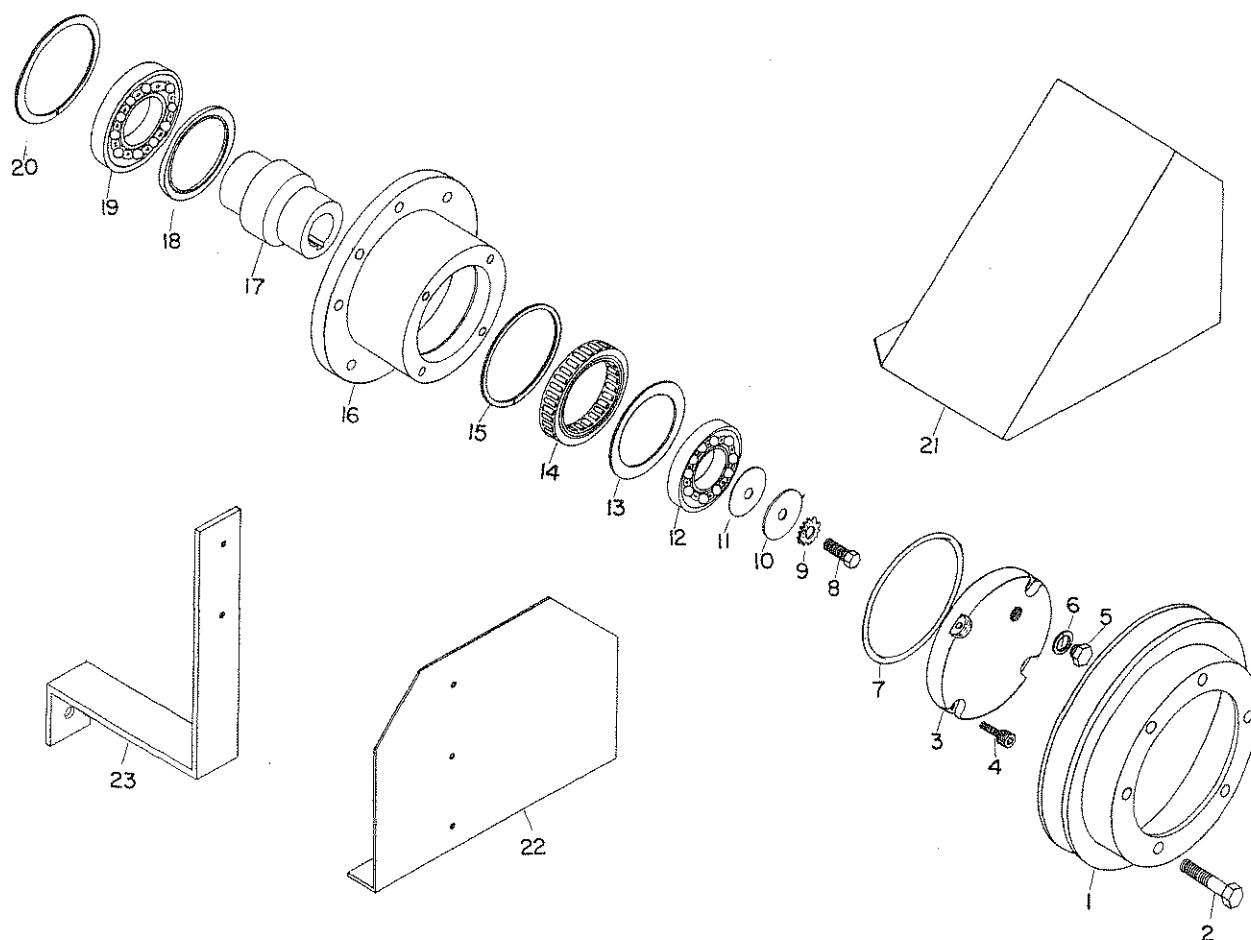
TENSION CONTROL PUMP ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	FT 537	Pump and tank assembly complete, less hose 1/2"	29		Allen screws for retaining ring 1/4" x 3/4"
2	FT 536	Tank only for 1/2" hose	30	FT 500	Connecting rod
3	FT 193	Hose nipple 1/2" hose	31	FT 506	Piston pin
4	FT 187	Hose clamp 1/2"	32	FT 505	Piston
5	FT 191	Return hose 1/2"	33	FT 524	Head
6	FT 101	Sprocket, driven 22T	34	FT 521	Head gasket
7		Flat washer 9/16"	35	FT 535	1/4" x 6" nipple
8		Nut 5/8 SAE jam	36	FT 18	Street elbow, 1/4"
9	FT 528	Tank cover gasket	37		7/16" high collar lock washer
10	FT 542	Tank cover	38		7/16" Allen screw
11		Cap screw 5/16" x 3/4" N.C.	39	FT 534	1/4" x 2" nipple
12	FT 538	Washer seal for tank cover bolts 5/16"	40	FT 82	90° elbow
13		Cap screw 7/16" x 3/4" N.C.	41	FT 517	Check valve pin (intake)
14		7/16" flat washer	42	FT 513	Check ball spring (2 used)
15	FT 539	Washer seal for pump mounting bolts 7/16"	43	FT 512	Check ball (2 used)
16	FT 197	Chain, pump drive, 69P. # 41	44	FT 514	Gasket (3 used)
17	FT 114	Connecting link, # 41	45	FT 519	Plug
18	FT 113	1/2 (offset) link, # 41	46	FT 518	Check valve pin (outlet)
19	FT 527	Pump base gasket	47	FT 530	Filter assembly
20	FT 525	Crankcase, 7/16" tapped hole	48	FT 150	Pressure hose, pump to bypass
21	FT 508	Crankshaft bushing, inner	49	FT 107	Union swivel
22	FT 510	Anchor pin for FT 508 bushing	50	FT 529	Outlet gasket
23	FT 503	Crankshaft	51	FT 533	Washer for FT 529
24	FT 509	Crankshaft bushing, outer	52	FT 157	Sprocket, drive for hydraulic pump
25	FT 511	Anchor pin for FT 509 bushing	53		Woodruff Key, 1/4" x 3/4"
26	FT 541	Gasket for FT 504 retaining ring	54	FT 523	Pump complete less tank (Ref. No's. 20 to 46 incl.)
27	FT 507	Oil seal (450045)	55		3/8" street elbow
28	FT 504	Retaining ring			



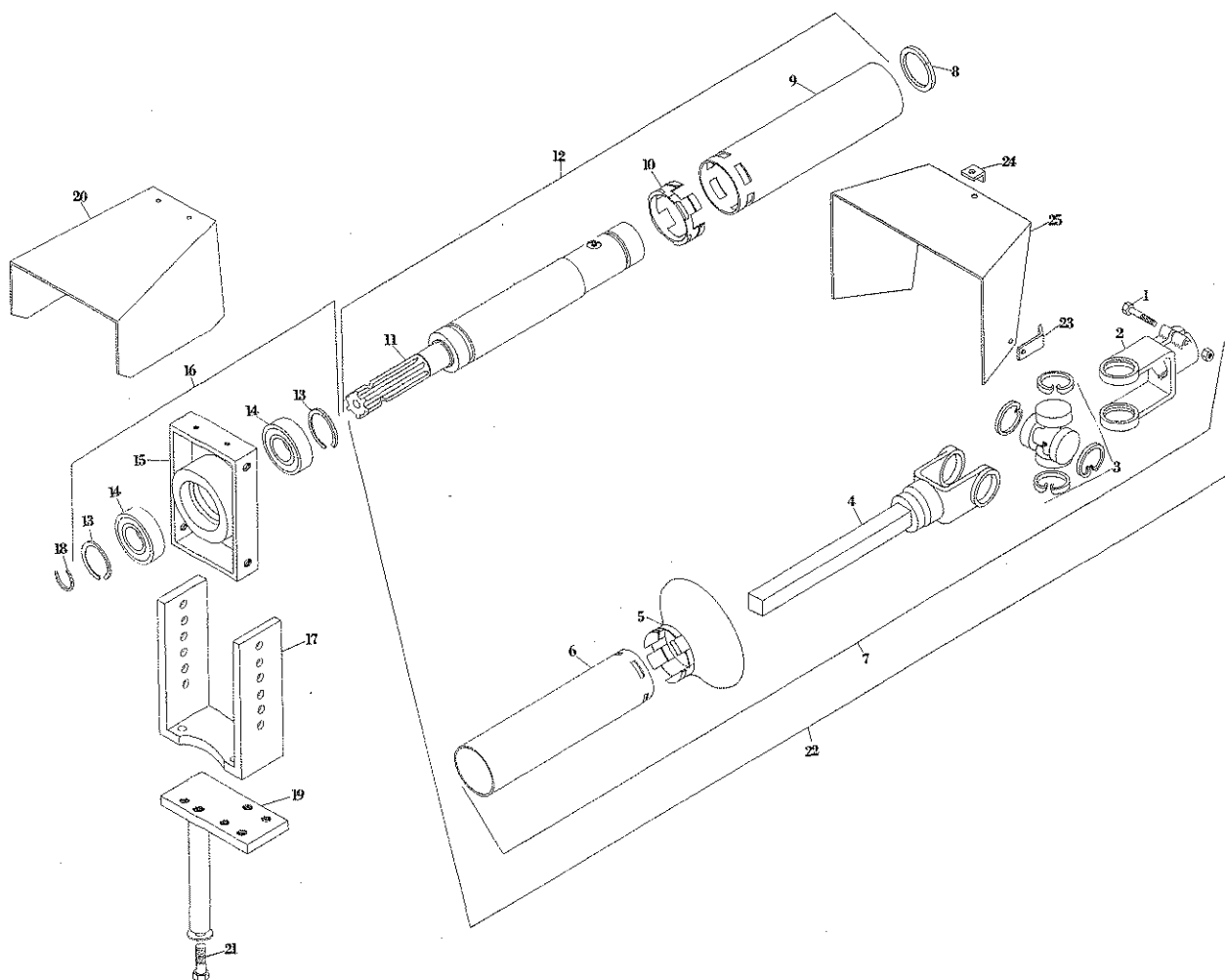
P.T.O. GEAR BOX

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1076	Cap, drive shaft bearing (open end)	11	F 1417	Gasket (.005 thick) for F 1409
2	F 1085	Seal, drive shaft (CR186112)		F 1418	Gasket (.010 thick) for F 1409
3	F 1084	Bearing cup, pinion and drive shaft (LM 48510)		F 1419	Gasket (.015 thick) for F 1409
4	F 1083	Bearing cone, pinion and drive shaft (LM 48548)	12	F 1078	Housing, pinion shaft bearing
5	F 1095	Gasket, (.005 thick) for F 1076 and F 1078	13	F 1087	Snap ring, pinion shaft
	F 1414	Gasket, (.010 thick) for F 1076 and F 1078	14	F 1421	Grease seal for pinion shaft (CR256112)
	F 1415	Gasket, (.015 thick) for F 1076 and F 1078	15	F 1420	Steel shim (.003 thick)
	F 1416	Gasket, (1/32" thick) for F 1076 and F 1078	16	F 1409	Cap, drive shaft bearing (closed end)
6	F 1601	Drive shaft	17	F 1720	Vent
7	F 1093	Key, drive shaft and sheave, 5/16" x 5/16" x 2"		F 1412	Gear box complete less sheave, 540 rpm
8	F 1411	Bevel gear, 39T, for 540 rpm box		F 1413	Gear box complete with sheave, 540 rpm
	F 1778	Bevel gear, 34T, for 1000 rpm box		F 1780	Gear box complete less sheave, 1000 rpm
9	F 1407	Case for gear box		F 1781	Gear box complete with sheave, 1000 rpm
10	F 1410	Pinion and shaft, 13T for 540 rpm box			
	F 1779	Pinion and shaft 21T for 1000 rpm box			



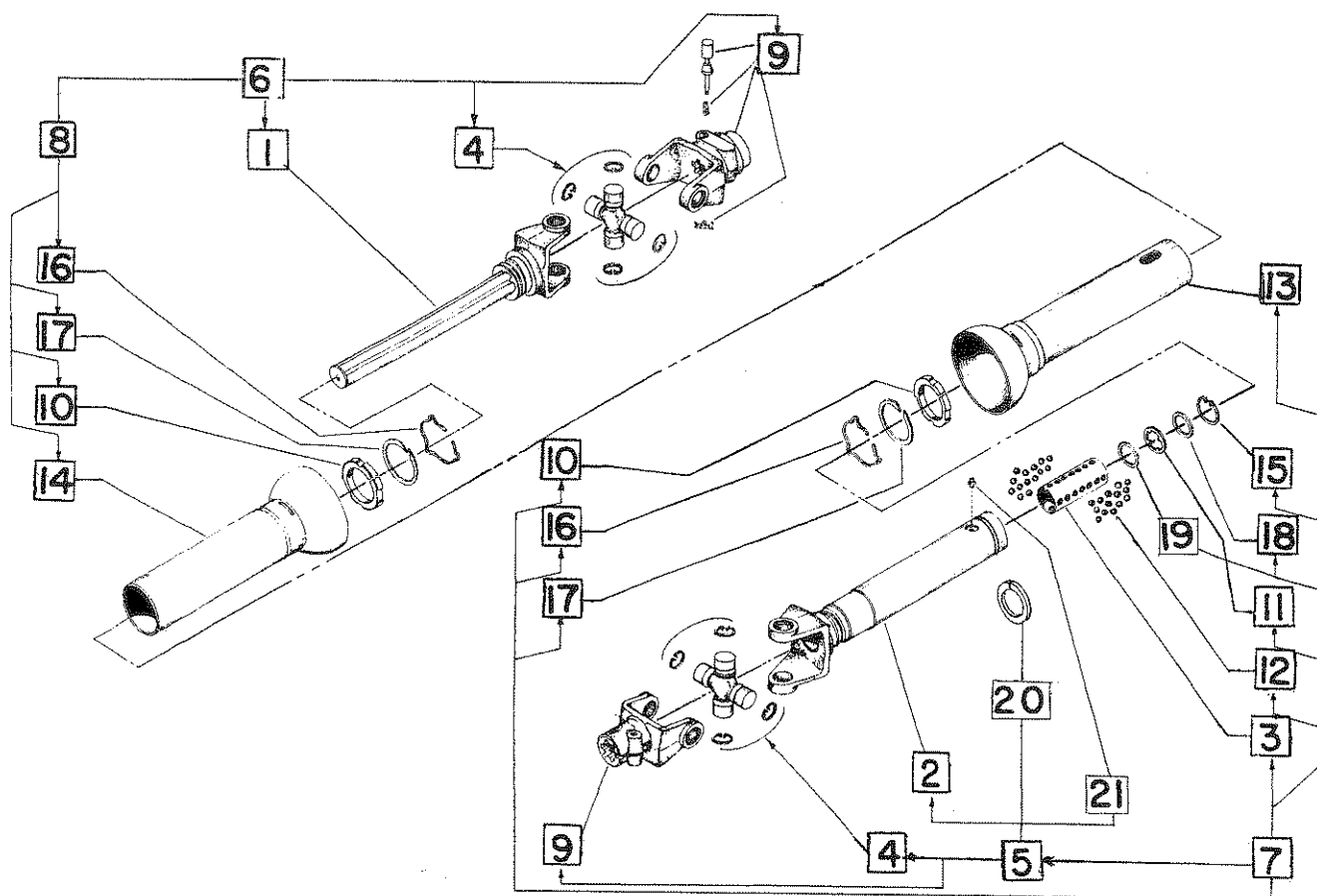
P. T. O. DRIVE SHEAVE AND CLUTCH

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1161	Sheave, PTO single groove (540 RPM)	13	F 960	Thrust washer
2		1/2" x 1-1/2" N. F. H. T. cap screw	14	F 901	Clutch for F 1165 hub
3	F 952	Cap for F 1165	15	F 961	Snap ring (RR 350)
4		1/4" x 1" socket head cap screw	16	F 1165	Hub for F 1161 sheave
5	F 958	Filler plug (DP6)	17	F 951	Hub for over-running clutch
6	F 959	Gasket, filler plug	18	F 954	Seal for clutch (CR/28635)
7	FT 25	O ring seal	19	F 955	Bearing, inner w/seal (SKF 6211-RSJ)
8		3/8" x 1" N. F. H. T. cap screw	20	F 962	Snap ring (RR 393)
9		3/8" external star lock	21	F 1063	Shield for sheave
10	F 246	Washer, drive shaft end	22	F 1221	Shield for PTO flywheel
11	F 963	Gasket, drive shaft end	23	F 1222	Bracket for F 1221 shield
12	F 956	Bearing, outer (SKF 6211)			



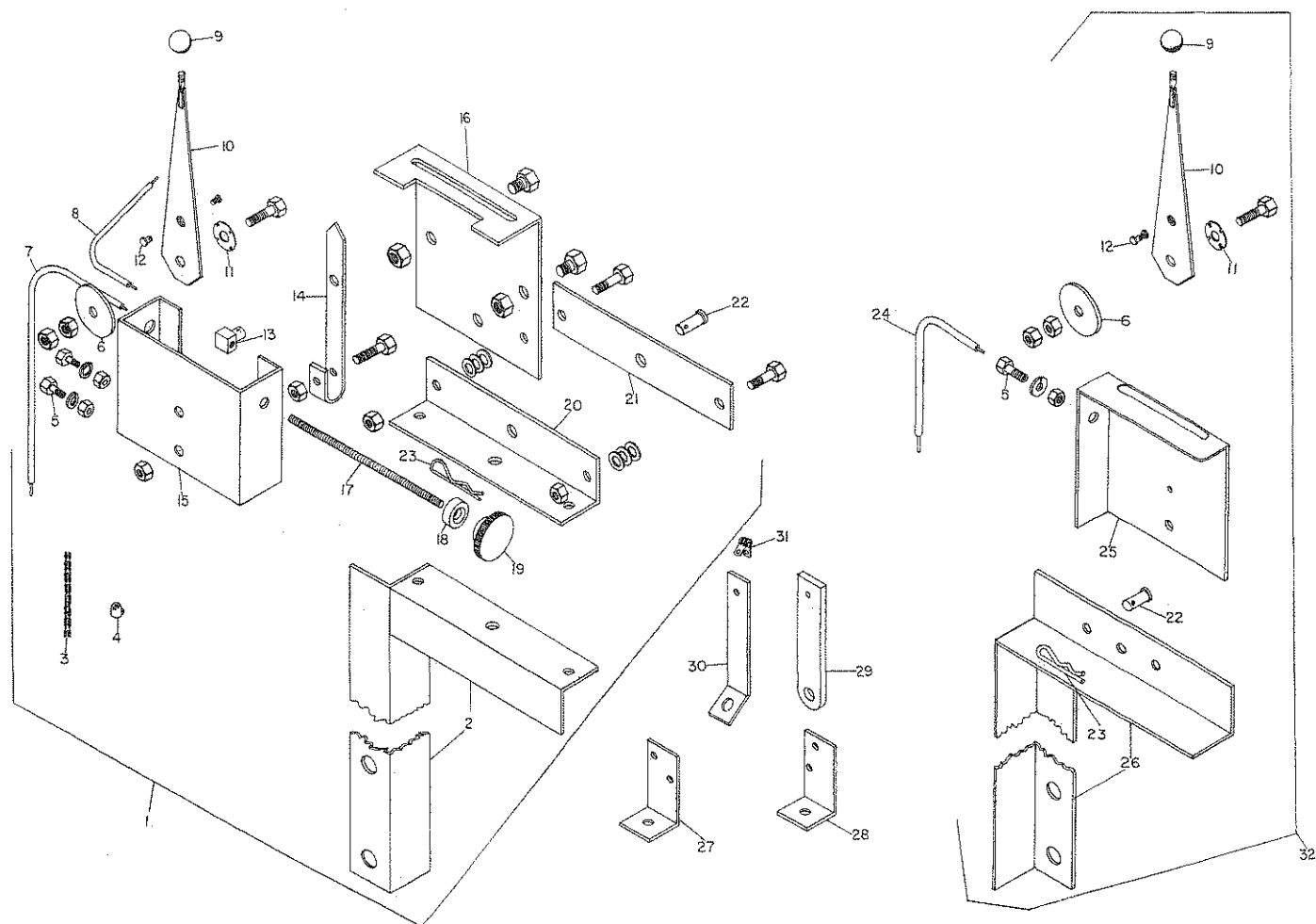
P.T.O. REAR DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1		1/2" x 3" N.C. cap screw w/nut	14	F 7370	Bearing for holder (8507)
2	F 1105	Yoke only, 1-3/8" bore (2 used)	15	F 7369	Bearing holder
3	F 889	Universal cross repair kit	16	F 7368	Bearing assembly for P.T.O. drive line
4	F 8041	Yoke & shaft	17	F 7372	Bearing assembly adjusting bracket
5	F 8042	Shield bell	18	F 7361	Snap ring, external for P.T.O. shaft
6	F 8043	Inner shield tube	19	F 7692	Bearing assembly swivel bracket
7	F 8047	Square shaft, "U" joint and shield assembly	20	F 7377	Front universal joint shield
8	F 1727	Nylon support bearing	21		1/2" x 1-1/4" N.C.H.T. cap screw
9	F 8046	Outer shield tube	22	F 7979	Rear P.T.O. drive line assy. complete w/plastic shield
10	F 8045	Shield bearing	23	F 1065	Bracket for F 1066 shield, long
11	F 8044	Sleeve, tube & bearing stub	24	F 1064	Bracket for F 1066 shield, short
12	F 8048	Stub shaft, tube & shield assembly	25	F 1066	Shield for universal joint
13	F 7371	Snap ring for bearing holder			



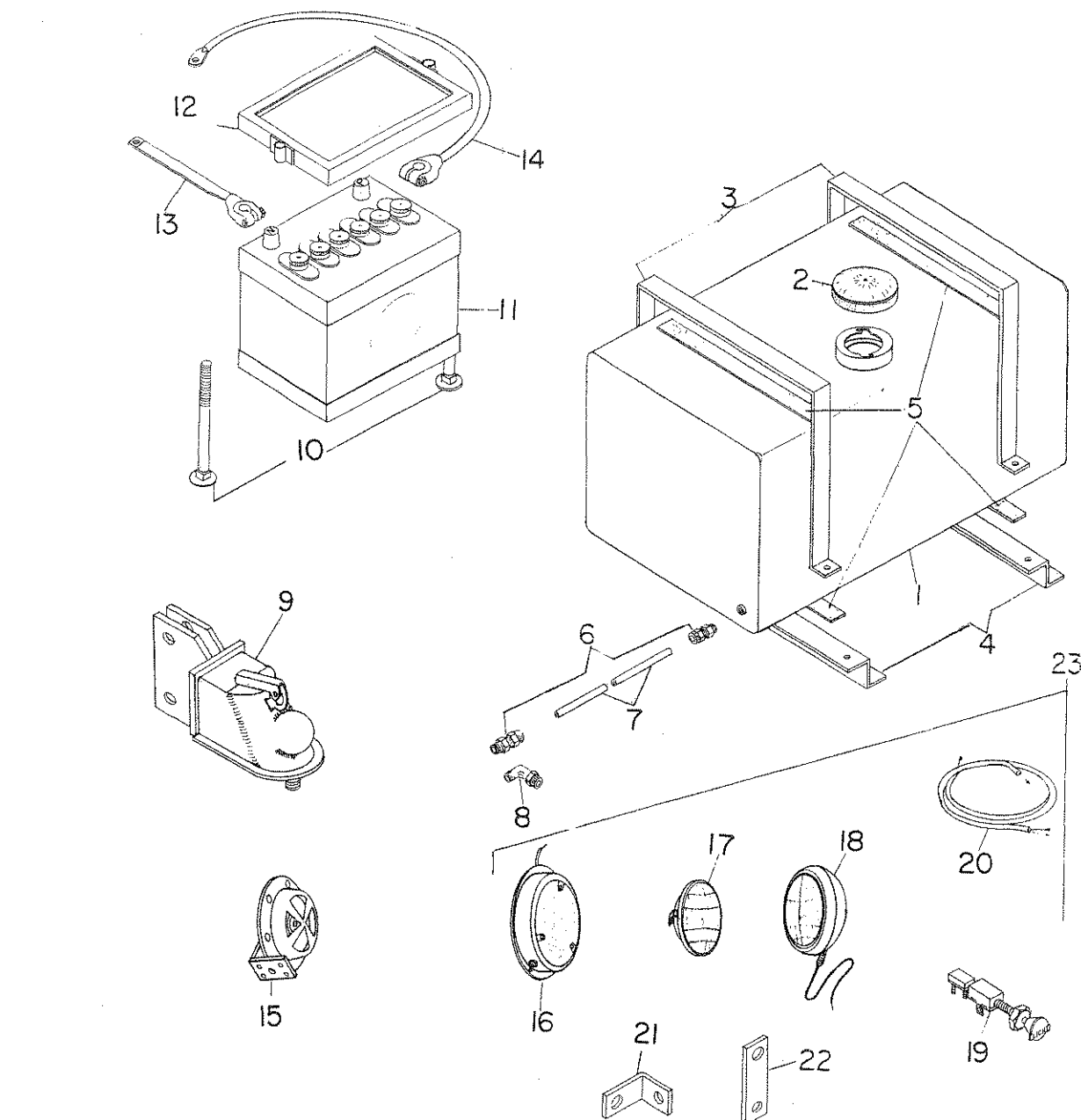
P.T.O. BALL SLIP FRONT DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1755	Shaft, splined w/welded yoke	13	F 1754	Guard tube and bell, inner
2	F 1752	Tube w/welded yoke	14	F 1753	Guard tube & bell, outer
3	F 1743	Ball cage	15	F 1746	Snap ring, internal
4	F 889	Cross assembly	16	F 1728	Snap lock Ring
5	F 1756	U-joint, and tube assembly	17	F 891	Thrust washer
6	F 1757	U-joint, and spline shaft assembly	18	F 1747	Ball stop washer
7	F 1758	U-joint, tube and free-wheeling guard assy.	19	F 1745	Ball stop washer
8	F 1759	U-joint, spline shaft & free-wheeling guard assy.	20	F 1727	Nylon support bearing
9	F 890	Yoke, quick-detachable, w/1-3/8"-6B splined bore	21	F 1751	Grease fitting (5042)
10	F 892	Bearing, nylon		F 7724	Ball slip telescoping shaft assembly, 540 rpm
11	F 1749	Seal, rubber		F 7910	Telescoping drive line assembly w/21 involute spline, 1000 rpm
12	F 1744	Ball			



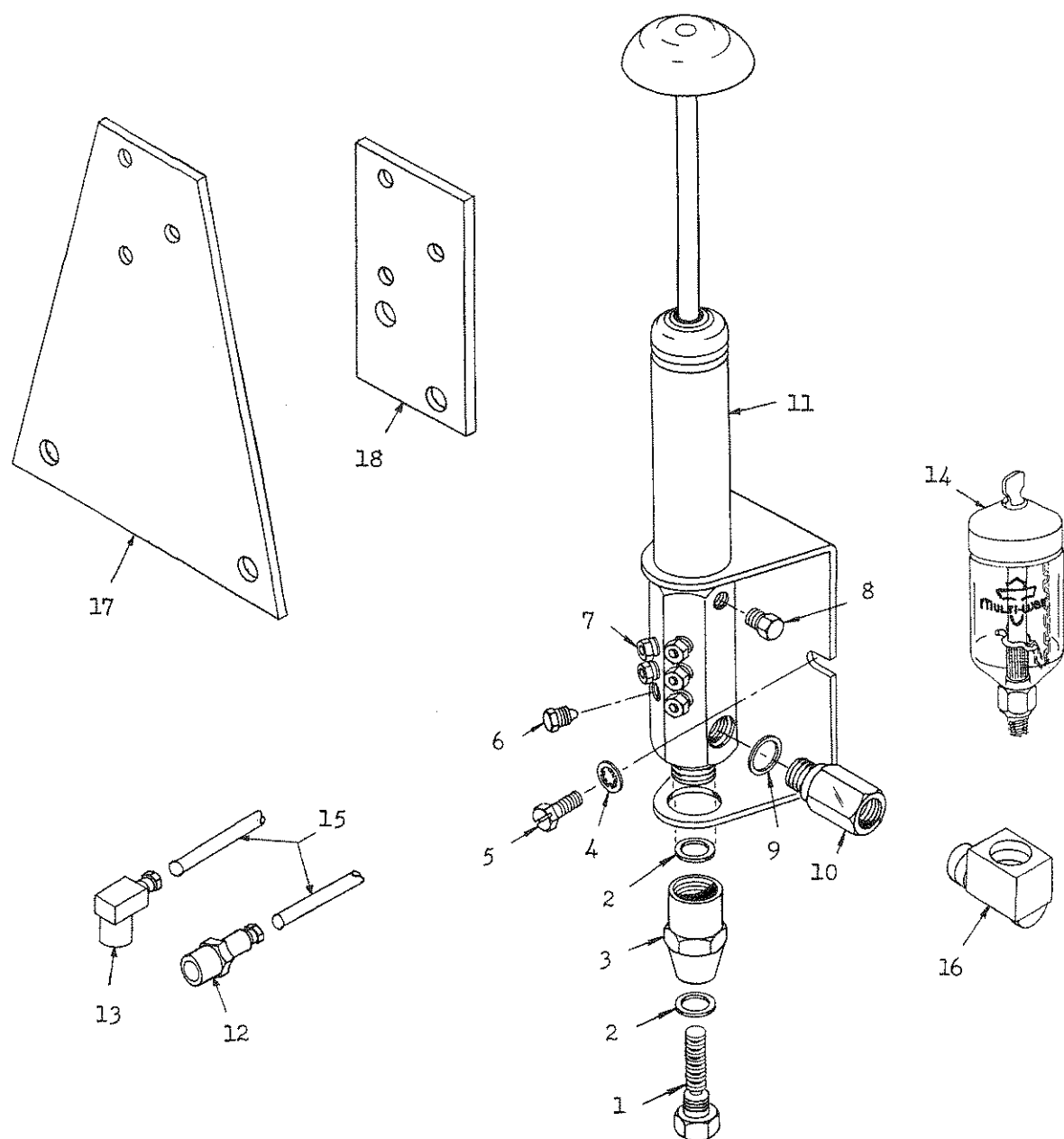
THROTTLE AND TENSION CONTROL STAND

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1025	Control box complete, baler mounted	17	F 1006	Adjusting rod
	F 1026	Control box complete, tractor mounted	18	F 1131	Thrust bearing
	F 1451	Control box complete less cable and standard	19	F 1007	Control knob for F 1006
2	F 1658	Standard only	20	F 1017	Mounting base angle
3	F 1015	Chain, throttle control 4"	21	F 1018	Mounting base plate
4	F 5080	Cable stop, throttle control	22	F 1020	Clevis pin 3/8" x 1"
5	F 5559	Beech nut with nut and washer	23	F 1019	Hairpin cotter key
6	F 1003	Friction disc	24	F 1453	Cable complete for throttle control F 1458, 7 feet
7	F 1130	Cable complete for tension control 24 feet		F 1454	Conduit, throttle control, 7 feet
	F 1013	Conduit, tension control 24 feet		F 1455	Wire, throttle control, 8 feet
	F 1014	Wire, tension control 25 feet	25	F 1447	Throttle control box only
8	F 1129	Cable complete for throttle control 12 feet	26	F 1456	Standard only for throttle control
	F 1011	Conduit, throttle control 12 feet	27	F 7207	Angle bracket for VG4D throttle
	F 1012	Wire, throttle control, 13 feet	28	F 1016	Angle bracket for VH4D, VE4D and VF4D
9	F 5554	Knob for throttle lever	29	F 7013	Throttle cable bracket VG4D and V461D
10	F 1433	Throttle lever	30	F 1021	Throttle cable bracket VH4D, VE4D and VF4D
11	F 1002	Conical washer	31	F 5264	Clamp, throttle cable
12	F 5545	Swivel fasteners (throttle)	32	F 1371	Throttle control complete with cable and standard
13	F 1005	Adjusting stud nut (tension)		F 1458	Throttle complete with standard, less cable
14	F 1004	Indicator tension control		F 1459	Throttle box complete with cable, less standard
15	F 1008	Control box		F 1446	Throttle box complete less cable and standard
16	F 1452	Control box cover			



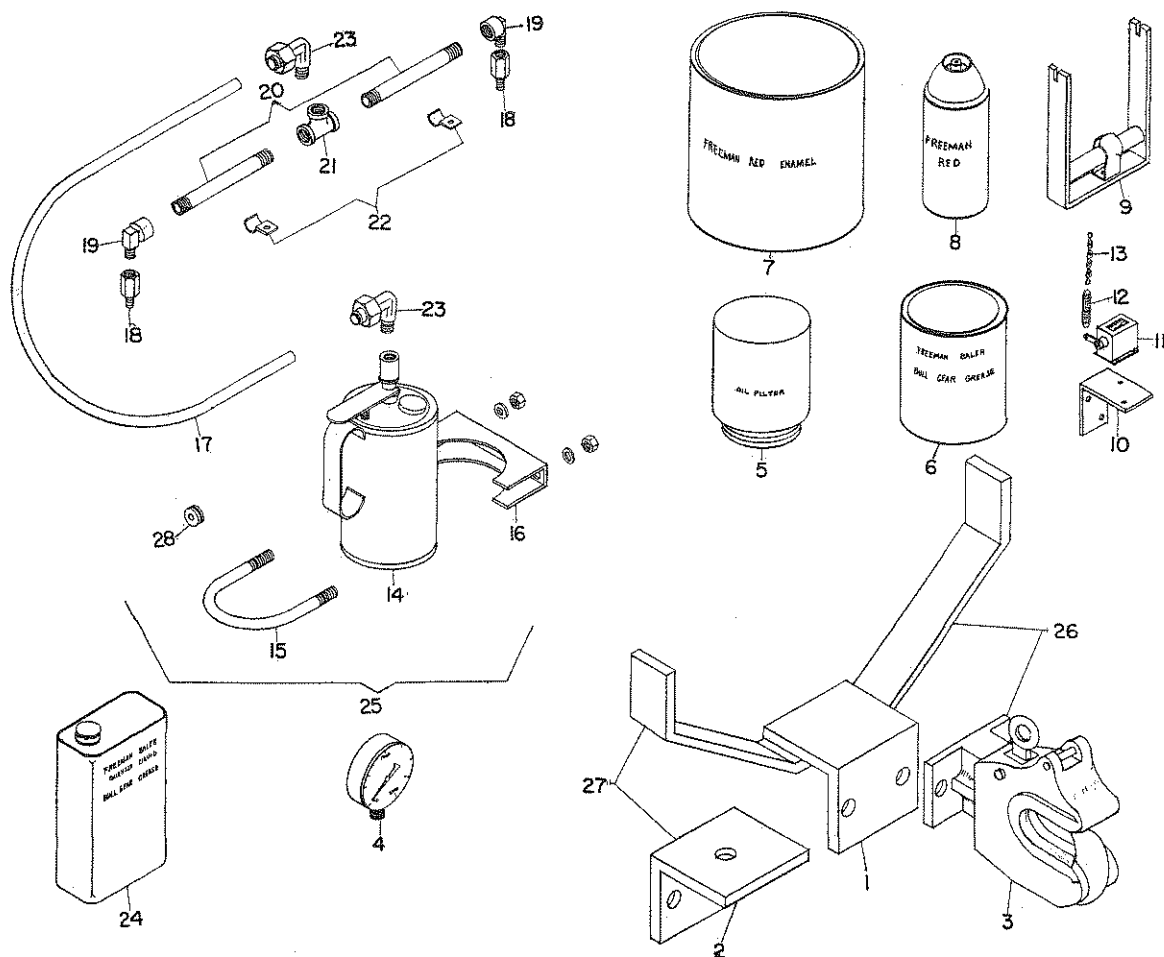
FUEL TANK, BATTERY AND LIGHTS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1688	Fuel tank with cap	15	F 1497	Horn, wire alarm, 12 volt
2	F 1689	Fuel tank cap for F 1688 and F 5947 tanks	16	F 1505	Light, flush mounted, 12 volt
3	F 7046	Fuel tank strap (2 used)	17	F 5842	Sealed beam unit, 12 volt
4	F 7295	Fuel tank mounting bracket, (2 used)		F 5941	Sealed beam unit, 12 volt (comb. red & clear)
5	F 893	Felt for tank straps - set of four	18	F 8059	Light, front and center, 12 volt, Shock mounted
6	F 5232	Straight fitting for gas line (268P-1/4" x 1/8")		F 8060	Light, rear combination, 12 volt, Shock mounted
7	F 7049	Fuel line only, 62"	19	F 862	Switch for light kit
8	F 5233	Elbow fitting for gas line 269P-1/4" x 1/8"	20	F 1777	Wiring harness for F 1667 light kit
9	F 1736	Ball hitch complete with ball	21	F 8061	Mounting bracket, front light
	F 8067	Hitch ball for F 1736	22	F 8062	Mounting bracket, rear light
10	F 1691	Bolt for battery box, (3/8" x 9")	23	F 8063	Light Kit, 12 volt with 2 - F 8059
11	F 1499	Battery, 12 volt			1 F 8060, 1 - F 1505, 1 - F 862,
12	F 5499	Battery hold down bracket			1 - F 8061, 1 - F 8062 and F 1777
13	F 7742	Battery cable (ground) 12 volt			wire harness
14	F 7743	Battery cable (insulated) 12 volt			



MULTI-LUBER CENTRALIZED LUBRICATION SYSTEM

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1760	Stop plug for Multi-luber	13	F 1772	Coupler, 90° snap on for Multi-luber
2	F 1761	Gasket for Multi-luber	14	F 1773	Lubricant reservoir for Multi-luber
3	F 1762	Cap for Multi-luber	15	F 1770	Tubing, 1/8" L.P. Nylon (60 ft. used)
4	F 1763	Lock washer for Multi-luber	16	F 1782	Street elbow, 1/4"
5	F 1764	Hex screw for Multi-luber	17	F 1783	Mounting bracket for Multi-luber, twine
6	F 1765	Plug for Multi-luber	18	F 1784	Mounting bracket for Multi-luber, wire
7	F 1766	Compression nut for Multi-luber			
8	F 1767	Plug for Multi-luber			
9	F 1768	Gasket for Multi-luber			
10	F 1769	Adapter for Multi-luber			
11	F 1774	Injector pump for Multi-luber, Ref. 1-10			
12	F 1771	Coupler, straight snap on for Multi-luber		F 1776	Multi-luber complete w/reservoir, 60 ft. tubing & 12 couplers



EXTRA ITEMS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1698	Trailer hitch frame	12	F 638	Spring, bale counter
2	F 736	Trailer hitch angle for clevis pin	13	F 637	Chain, bale counter
3	F 1697	Holland hitch for trailer hitch	14	F 7671	Oil can with pump
4	F 800	Hydraulic gauge (2000 lbs.)	15	F 7729	Spring for pump
5	F 1511	Oil filter cartridge 4 thread base (VH4D and VG4D)	16	F 7721	U bolt, grease can
	F 5922	Oil filter cartridge (V461D)	17	F 7722	Grease can clamp base
6	F 664	Bullgear grease (2 lb. can)	18	F 7673	Nylon tubing, pull-type baler 20"
	F 874	Bullgear grease (1 gal.) 10 lbs.	19	F 777	Adapter, 2 used (51942)
7	F 649	Freeman red baler paint (1 gal.)	20	F 7677	90° brass elbow (2 used)
	F 942	Freeman red baler paint (1 qt.)	21	FT 72	1/4" x 3" pipe nipple (2 used)
	F 1675	Freeman white baler paint (1 gal.)	22	FT 74	1/4" pipe tee
	F 1676	Freeman white baler paint (1 qt.)	23	F 7723	Clip for grease nipple (125 jiffy)
8	F 770	Freeman red baler paint, spray can	24	F 7676	90° nylon elbow 2 used
	F 1677	Freeman white baler paint, spray can	25	F 7609	Quickset lubricant 1 qt.
9	F 4193	Wire splicer	26	F 7626	Quickset lubricant 1 gal.
10	F 7391	Bale counter mounting angle	27	F 7617	Bullgear luber kit
11	F 304	Bale counter (Veeder Root)	28	F 732	Trailer hitch frame with Holland hitch
	F 635	Arm w/screw for F 304		F 733	Trailer hitch frame with pin hitch
	F 636	Reset knob for F 304		F 7735	Grommet

INTENTIONALLY BLANK