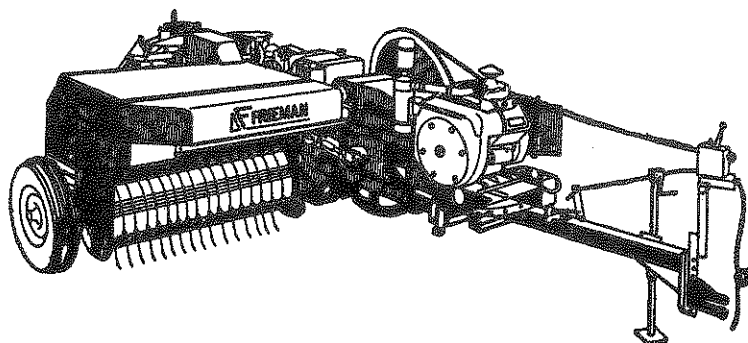


Freeman Automatic Pick-up Baler 1972 PARTS LIST



PULL TYPE

Model 330

manufactured and distributed by

J. A. FREEMAN & SON, INC.

PORTLAND, OREGON

PB00000127

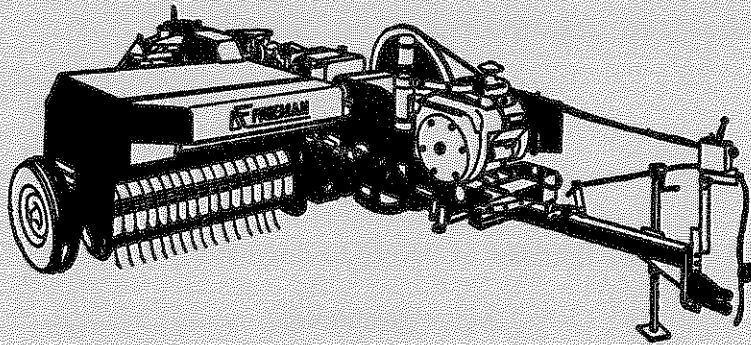
Printed In U.S.A. 7-72

1972

PARTS LIST

for

Model 330



POLICY

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

INSTRUCTIONS FOR ORDERING PARTS

1. 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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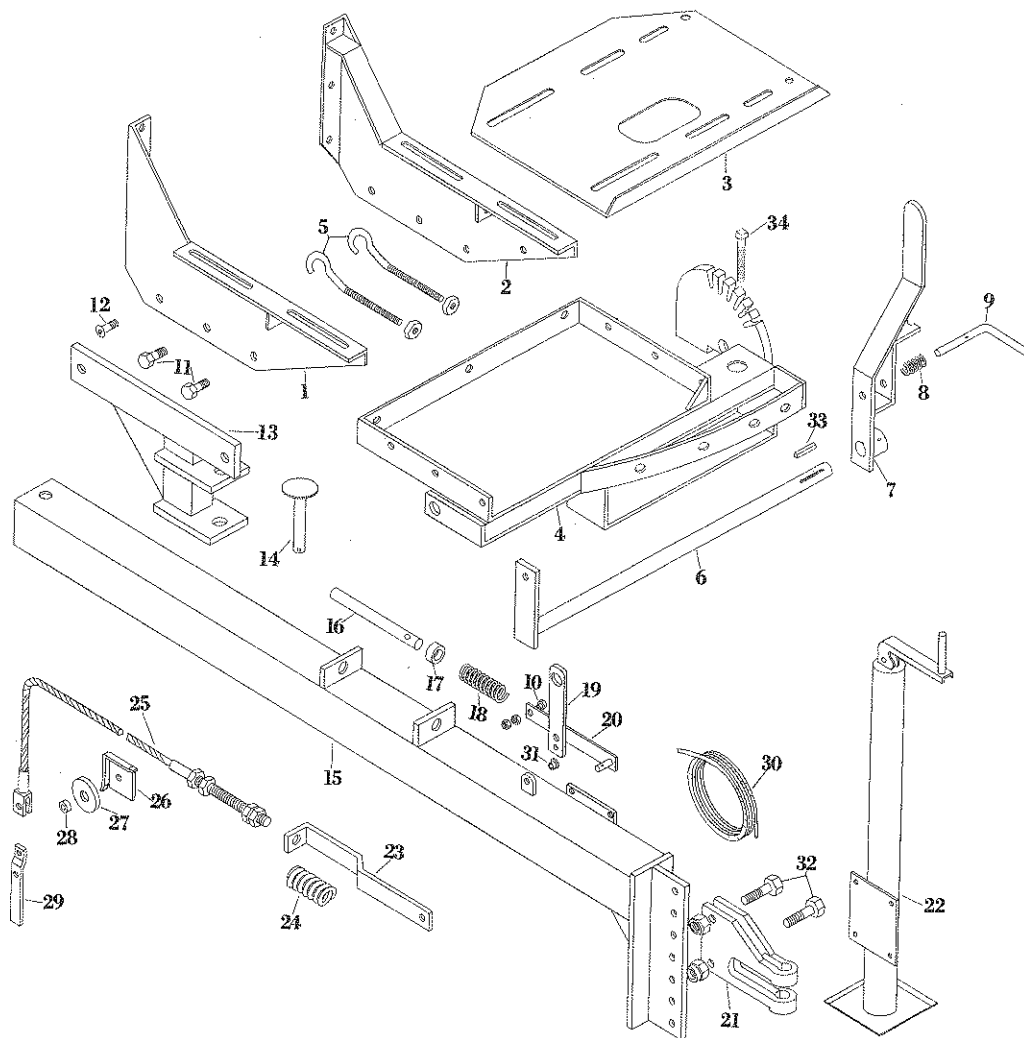
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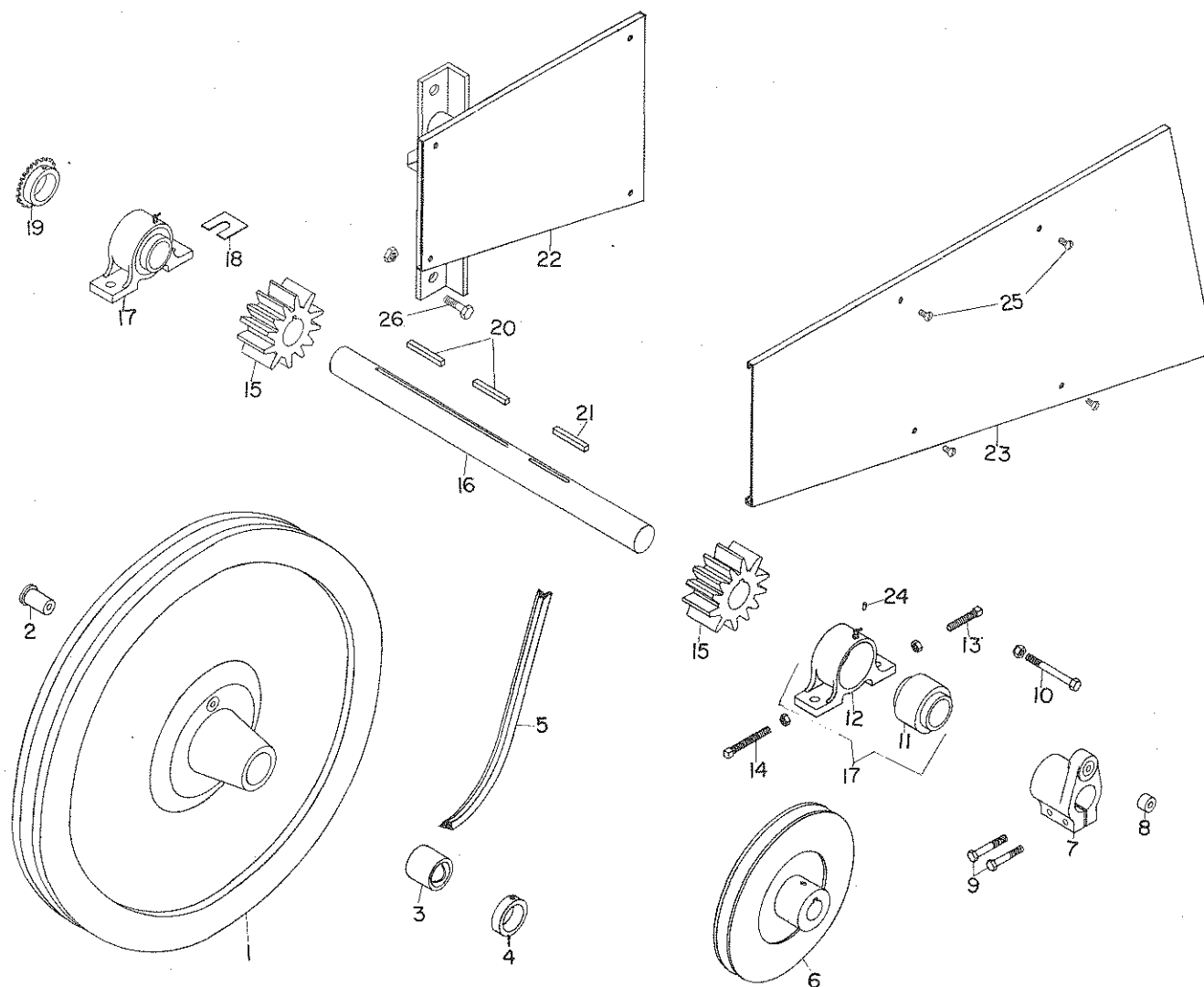
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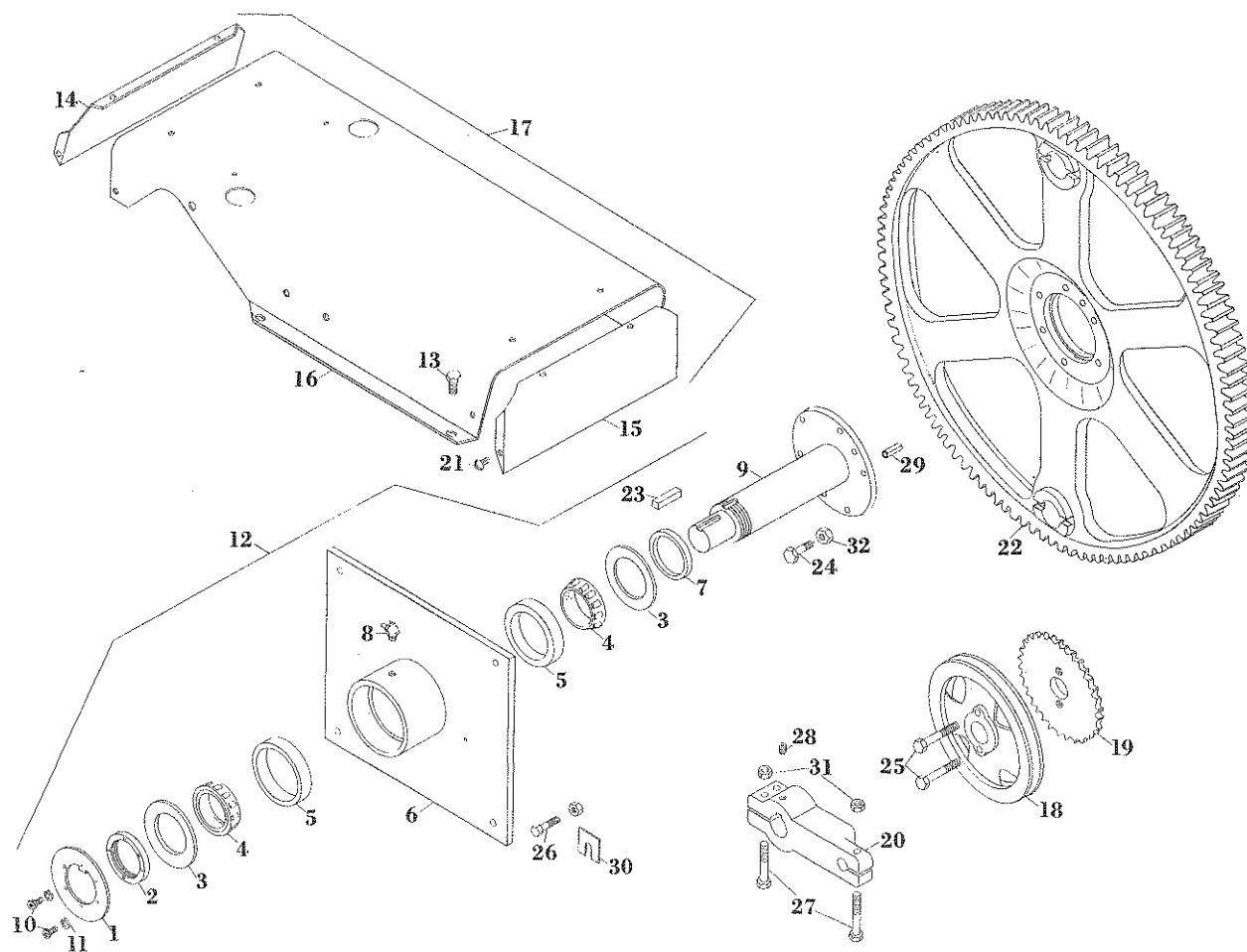
DRAWBAR AND ENGINE MOUNT

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7799	Engine mount, R.H.	20	F 7795	Link, drawbar locking pin
2	F 7800	Engine mount, L.H.	21	F 183	Front end hitch
3	F 7707	Engine base plate	22	F 7430	Front end jack complete for engine balers
4	F 7537	Hitch base plate with pickup quadrant		F 878	Jack handle assembly
5	F 7010	Engine adjusting bolt (2 Used)		F 1605	Ram only for jack
6	F 7538	Pickup lift lever cross rod		F 1607	Thrust bearing for jack
7	F 7539	Pickup lift lever	23	F 7567 *	Cable connecting link for cushion spring
8	F 7541	Spring for F 7540 pin		F 7566	Cushion spring (pickup cable)
9	F 7540	Pickup lift lever adjusting pin	24	F 7565	Pickup lift cable with ends
10		1/2" x 2" N.C. Cap screw	25	F 7590	Sheave clip, pickup lift roller
11		1/2" x 1-1/4" N.F. Cap screw	26	F 8192	Cable pulley for pickup lift
12		1/2" x 1-1/4" Button head bolt	27	F 8193	Bushing for F 8192 roller
13	F 7007	Pivot pin bracket	28	F 7194	Pickup lift bracket
14	F 7006	Drawbar pivot pin	29	F 7005	Rope, drawbar pin, 9'
15	F 7001	Drawbar for engine baler	30	F 440	Ferrule for F 7283 lever
16	F 7002	Drawbar locking pin	31		
17	F 7004	Set collar, drawbar locking pin	32		
18	F 7003	Spring, drawbar locking pin	33		
19	F 7283	Actuating lever, drawbar locking pin	34		



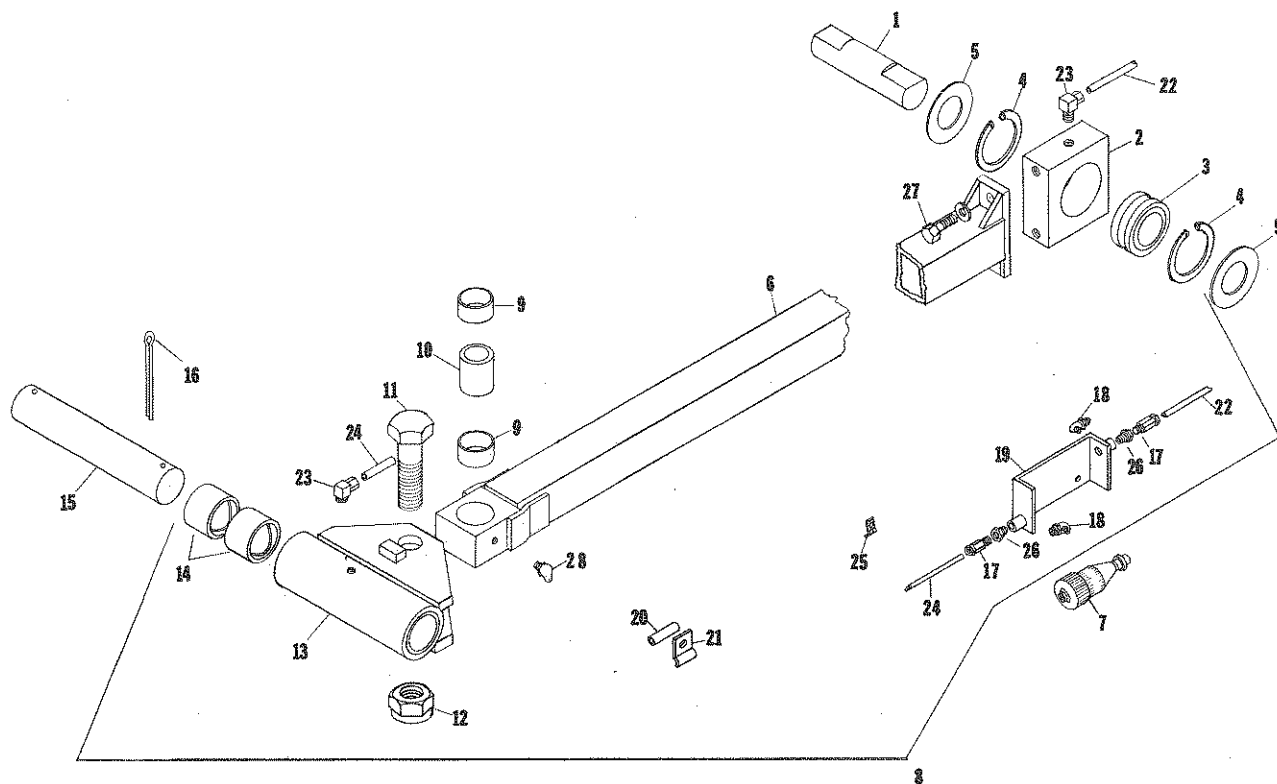
FLYWHEEL AND PINION SHAFT ASSEMBLY

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 7210	Pinion shaft
	F 7337	Drive belt, D-162, for PTO	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 7699	Motor pulley, 10" OD for V461D 1-3/4" bore		F 967A	Shim for F34 bearing, 20 ga.
7	F 817	Shear hub for flywheel		F 967B	Shim for F34 bearing, 10 ga.
8	F 1132	Shear bushing in flywheel shear hubs	19	FT 157	Sprocket, drive for hydraulic pump
9		1/2" x 3-1/4" heat treated cap screws with lock nuts	20	F 7488	Tapered key for pinions, 3-1/2" (2 used)
10	F 7015	Shear bolt, 1/2" x 5" N.C. grade 2 bright cap screw	21	F 72	Key for shear hub, 1/2" x 1/2" x 3-1/2"
			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



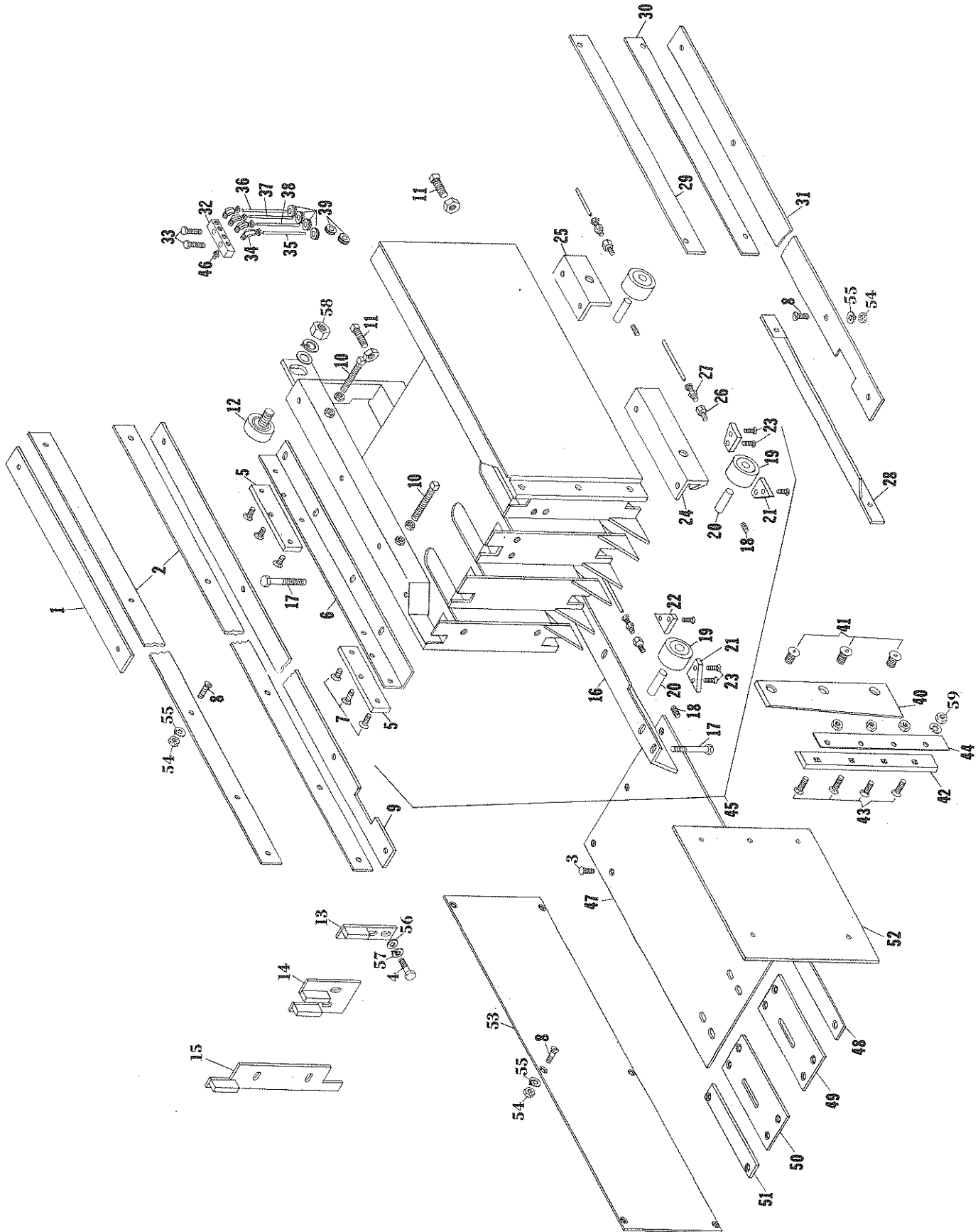
BULLGEAR ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7038	Locking washer	14	F 8148	Bullgear shield rear
2	F 7037	Adjusting nut for side plate bearing	15	F 8149	Bullgear shield front
3	F 7035	Seal for side plate, #255833, 4 used	16	F 8150	Bullgear shield center
4	F 7033	Bearing for side plate, #33287, 4 used	17	F 8151	Bullgear shield complete
5	F 7034	Bearing cup for side plate, #33462, 4 used	18	F 9A	Sheave, pickup drive
6	F 7354	Side plate, R.H. with bearing cups	19	F 753	Sprocket, knotter drive 32T #60
	F 7462	Side plate, L.H. with bearing cups	20	F 1256	Crank arm
7	F 7036	Seal race	21		1/4" x 1/2" Stove bolt
8	F 1661	Hydraulic shut-off fitting	22	F 7438	Bullgear, 88 tooth, 2 used
9	F 7031	Shaft, feed fork drive	23	F 225	Key, knotter drive shaft, 1/2" x 1/2" x 2"
	F 7032	Shaft, knotter drive		F 226	Key, feed arm drive shaft, 1/2" x 1/2" x 2-1/4"
10	F 7039	Screw for locking washer, 8-32 x 1/2" H.H. Cap Screw 4 used	24		1/2" x 2-1/4" N.C. Cap screw
11	F 7040	Lock washer for F 7039 screw, #8 medium, 4 used	25		1/2" x 2-3/4" N.C. Cap screw
12	F 7358	Side plate, R.H. w/bearing and shaft, incl. Ref. 1-11	26		5/8" x 3" N.F. Cap screw
	F 7463	Side plate, L.H. w/bearing and shaft, incl. Ref. 1-11	27	F 312	1/2" x 3-1/4" N.F.H.T. Cap screw w/fiber lock nuts, 3 used
13		5/16" x 3/4" N.C. Cap screw	28		1/2" x 1/2" Hollow head set screw, 3 used
			29	F 7239	Roll pin, 3/8" x 1-1/2" for bullgear
			30	F 1267	Shim for aligning side plate
			31		1/2" N.F. fiber lock nut, 3 used
			32		1/2" N.C. fiber lock nut



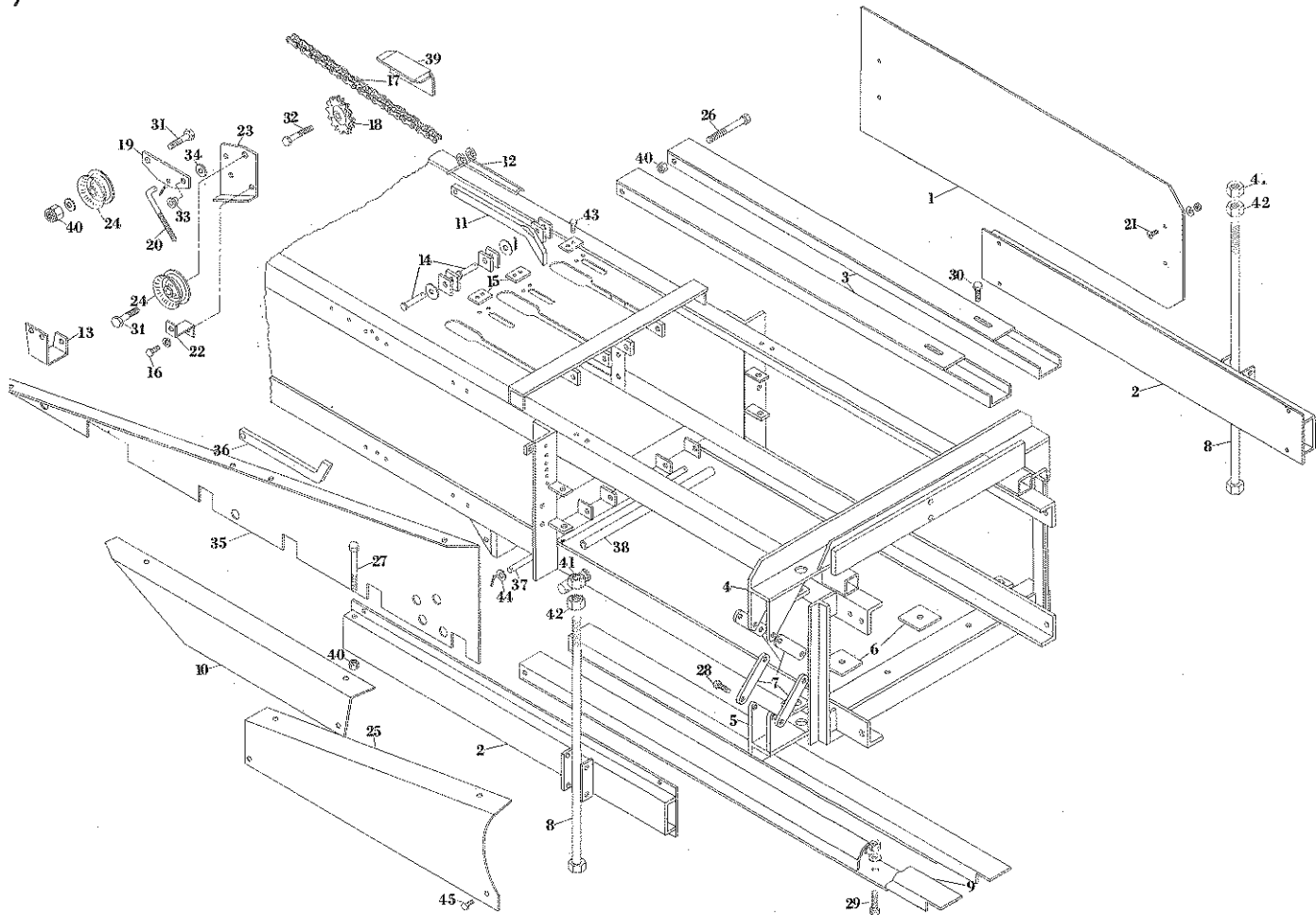
PLUNGER CONNECTING ROD ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7914	Plunger pin	14	F 1527	Bushing for F 7925 conn rod end
2	F 8075	Conn rod end housing, plunger end, complete w/bearing	15	F 1134	Crank pin, gear end
3	F 7916	Bearing for conn rod end housing	16	F 55	Key for crank pin (2 used)
4	F 7917	Snap ring	17	F 778	Connector, grease tubes, #308808
5		Washer, 1-3/4" x 2-1/2", 10 ga. machine bushing		F 8055	Steel sleeve for F 778 & F 1441, #31226
		Washer, 1-3/4" x 2-1/2", 14 ga. machine bushing	18	F 7651	Grease fitting on conn rod (2 used)
		Washer, 1-3/4" x 2-1/2", 18 ga. machine bushing	19	F 7542	Bracket for grease tubes on conn rod
6	F 8076	Connecting rod	20	F 933	Protector tube for grease tube
7	F 7543	Spring loaded grease cup	21	F 1436	Clip for grease tube protector
8	F 8081	Conn rod complete with ends	22	F 7545	Grease tube, 1/4", plunger pin to F 7542 bracket, 7"
9	F 8077	Steel bushing, conn rod swivel end, IR 2916	23	F 1441	Elbow for conn rod grease tube, Imp. 889L (2 used)
10	F 8078	Steel bushing	24	F 7544	Grease tube, 1/4", crank pin to F 7542 bracket, 36"
11	F 8079	Pivot pin for swivel end	25	F 7653	Clip for grease tube
12	F 8080	1-1/4" NF elastic stop nut	26	F 7418	1/4" x 1/8" pipe reducer bushing
13	F 7925	Conn rod end housing complete w/bushings, bull gear end	27		1/2" x 1-3/4" NC grade 8 cap screw
			28		1/4" x 28 x 45° grease fitting
				F 7611	Conn rod ends greasing kit including Ref. Nos. 17 to 26



PLUNGER ASSEMBLY

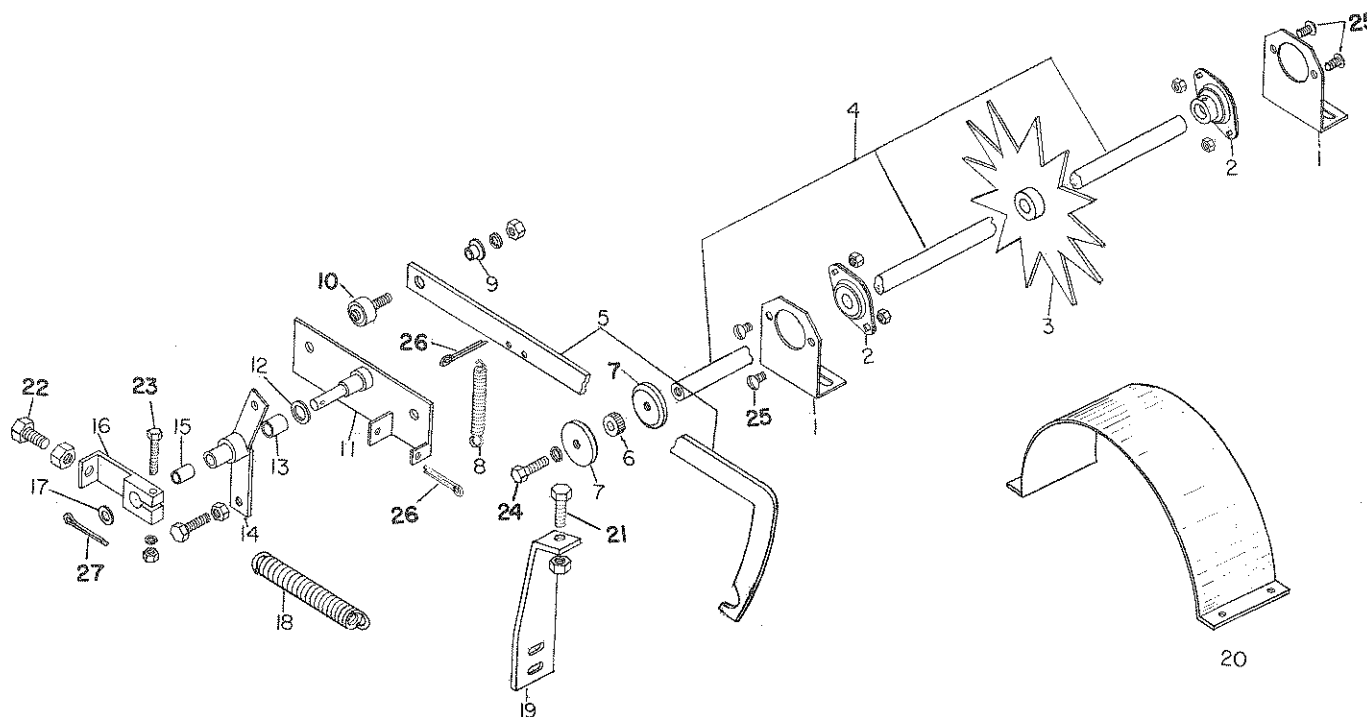
REF. NO.	PART NO.	DESCRIPTION
1	F 7765	Plunger roller rail, top L.H.
2	F 7763	Plunger guide rail, top & bottom
3		3/8" x 1-1/2" #3 plow bolt
4		3/8" x 1" N.C. Cap screw
5	F 1537	Hard slide for roller plunger, 4 used
6	F 7766	Hard slide mounting rail, L.H. top
7		5/16" x 1/2" socket alloy, 12 used
8		5/16" x 1" FH machine screw for plunger rail
		5/16" x 1-1/2" FH machine screw for plunger rail
9	F 7762	Plunger roller rail, L.H. bottom
10		1/2" x 4" square head set screw, top rail, 2 used
		1/2" x 2-1/2" square head set screw, bottom rail, 2 used
11		3/4" x 1-3/4" square head set screw, plunger pin lock, 2 used
12	F 1636	Roller for top of plunger
13	F 8056	Adjusting pad for plunger face, right side
14	F 8057	Adjusting pad for plunger face, center, 2 used
15	F 8058	Adjusting pad for plunger face, left side, 16" x 22" chamber
	F 8172	Adjusting pad for plunger face, left side, 17" x 22" chamber
16	F 8082	Roller & slide mounting angle, L.H. bottom
17		3/8" x 3-3/4" NC cap screw 12 used
18		1/4" x 3/8" Allen head set screw, 4 used
19	F 775	Roller for plunger, 4 used
20	F 776	Pin, plunger roller, 4 used
21	F 986	Wiper, rear, 2 used
22	F 774	Wiper, front, 2 used
23		1/4" x 3/4" FH machine screw, 8 used
24	F 773	Roller mounting angle, R.H. rear
25	F 772	Roller mounting angle, R.H. front
26	F 777	Adapter for grease tube, 4 used
27	F 778	Connector for grease tube, 4 used
28	F 7439	Knife guide under feed opening
29	F 299	Plunger slide, flat, upper R.H. side
30	F 298	Plunger slide, flat, lower R.H. side
31	F 7767	Plunger roller rail, R.H. bottom
32	F 979	Manifold for grease tubes
33		5/16" x 1-3/4" NC cap screw, 2 used
34	F 1441	Elbow, grease tube, 4 used
35	F 780	Grease tube, right rear, 36"
36	F 781	Grease tube, left front, 14"
37	F 779	Grease tube, left rear, 30"
38	F 779	Grease tube, right front, 30"
39	F 7735	Grommet, grease tube protector, 6 used
40	F 7764	Plunger knife
41	F 227	Bolt for plunger knife, 3 used
42	F 1609	Knife, stationary with square holes
43	F 1629	Bolt for F 1609 knife, 4 used
44	F 751	Shim for F 1609 knife, 14 ga.
	F 1512	Shim for F 1609 knife, 20 ga.
45	F 8165	Plunger complete, less knife, 16" x 22" chamber
	F 8166	Plunger complete, less knife, 17" x 22" chamber
46		1/8" P.T. grease fitting
47	F 8167	Bale chamber bottom
48	F 8168	Liner ext. for bale chamber bottom, R.H.
49	F 8169	Liner ext. for bale chamber bottom, R.H. center
50	F 8170	Liner ext. for bale chamber bottom, L.H. center
51	F 8171	Liner ext. for bale chamber bottom, L.H.
52	F 7812	Liner for bale chamber side, R.H.
53	F 7825	Liner for bale chamber side, L.H., 16" chamber
	F 7826	Liner for bale chamber side, L.H., 17" chamber
54		5/16" N.C. nut
55		5/16" lock washer
56		3/8" flat washer
57		3/8" lock washer
58		1" N.C. nut
59		1/2" N.C. nut



- 43 1/4" x 1/2" self-tapping screw
 44 1/2" flat washer
 45 1/4" x 3/4" N.C. Cap screw

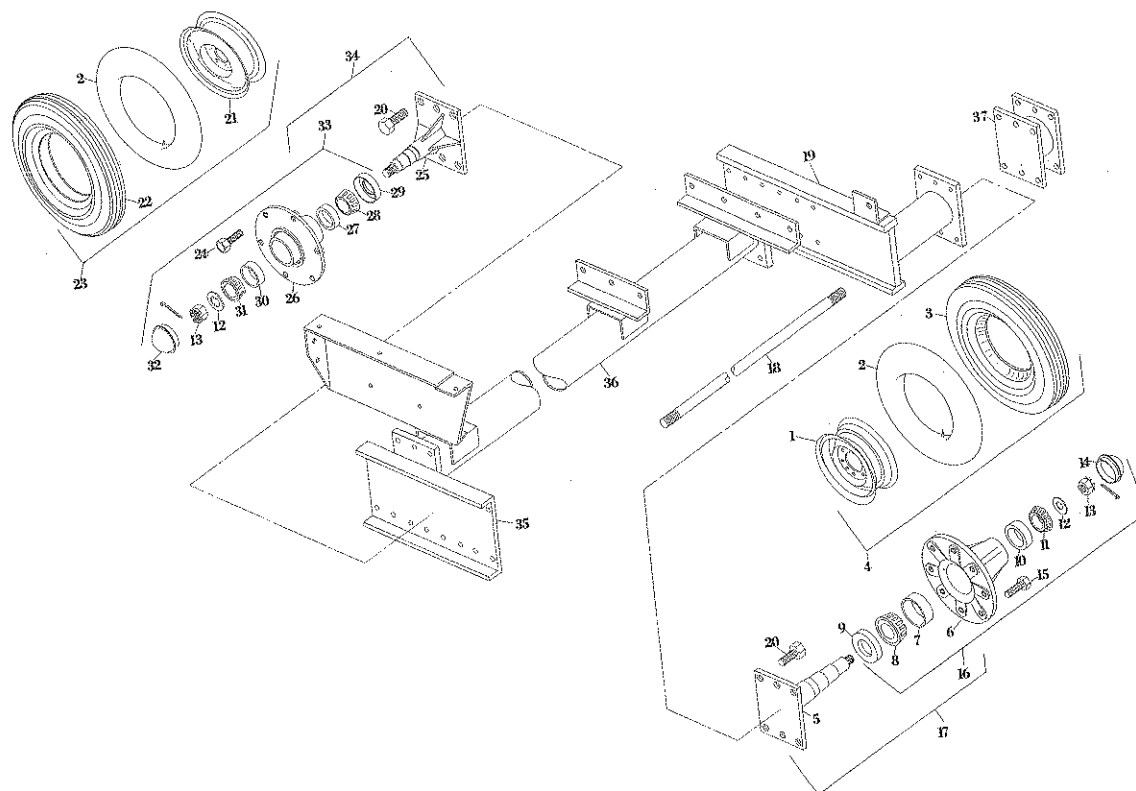
BALE CHAMBER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7507	Solid side, 2 used	21		3/8" x 3/4" NC Button head bolt, 8 used
2	F 8125	Side tension rail, 2 used	22	F 8154	Bracket for knotter drive chain shield
3	F 7827	Top tension rail, 2 used	23	F 8086	Idler roller bracket
4	F 8120	Top tension angle, 17" x 22" chamber	24	F 883	Tightener and idler pulley for knotter drive chain
	F 8124	Top tension angle, 16" x 22" chamber	25	F 8155	Shield, knotter drive chain
5	F 8121	Bottom tension angle, 17" x 22" chamber	26		1/2" x 4" NC Cap screw, top & bottom tension
	F 8123	Bottom tension angle, 16" x 22" chamber	27		1/2" x 5-1/2" NC Cap Screw, Side tension rail (2 used)
6	F 1662	Spacer shim, 2 used	28		1/2" x 1-1/4" NC cap screw, Tension link linkage (8 used)
7	F 497	Flat linkage bar, 8 used	29		3/8" x 2-1/2" NC Cap screw, Bottom tension rail (2 used)
8	F 600	Tension bolt, 3/4" x 27-3/4" 2 used	30		3/8" x 1-1/4" NC Cap screw, Top tension rail (2 used)
9	F 7828	Bottom tension rail, 2 used	31		1/2" x 2-3/4" N.C. Cap screw (2 used)
10	F 8152	Front Knotter chain shield	32		1/2" x 3-1/4" N.C. Cap screw
11	F 7911	Hay dog, top	33	F 440	Ferrule
12	F 188	Hay dog spring	34	F 246	Washer
13	F 8153	Chain shield center bracket	35	F 8156	Inner chain shield, wire
14	F 220	Hay dog pin		F 8157	Inner chain shield, twine
15	F 1589	Rubber pads for hay dogs, w/screws	36	F 8089	Hay dog, bottom
16		3/8" x 3/4" NC Cap screw	37	F 8104	Bottom twine guide rod
17	F 1392	Knotter drive chain, twine tie balers (238P#60)	38	F 8105	Bottom Twine guide pipe
	F 7055	Knotter drive chain, wire tie baler (239P#60)	39	F 8112	Chain hold down
	F 759	Offset link, RC60	40		1/2" N.C. fiber lock nut
	F 760	Connecting link, RC60	41		3/4" N.C. jam nut
	F 761	Roller link, RC60	42		3/4" N.C. nut
18	F 7397	Sprocket for chain divider (2 used)			
19	F 8083	Chain tightener bracket			
20	F 8084	Chain tightener adjusting bolt			



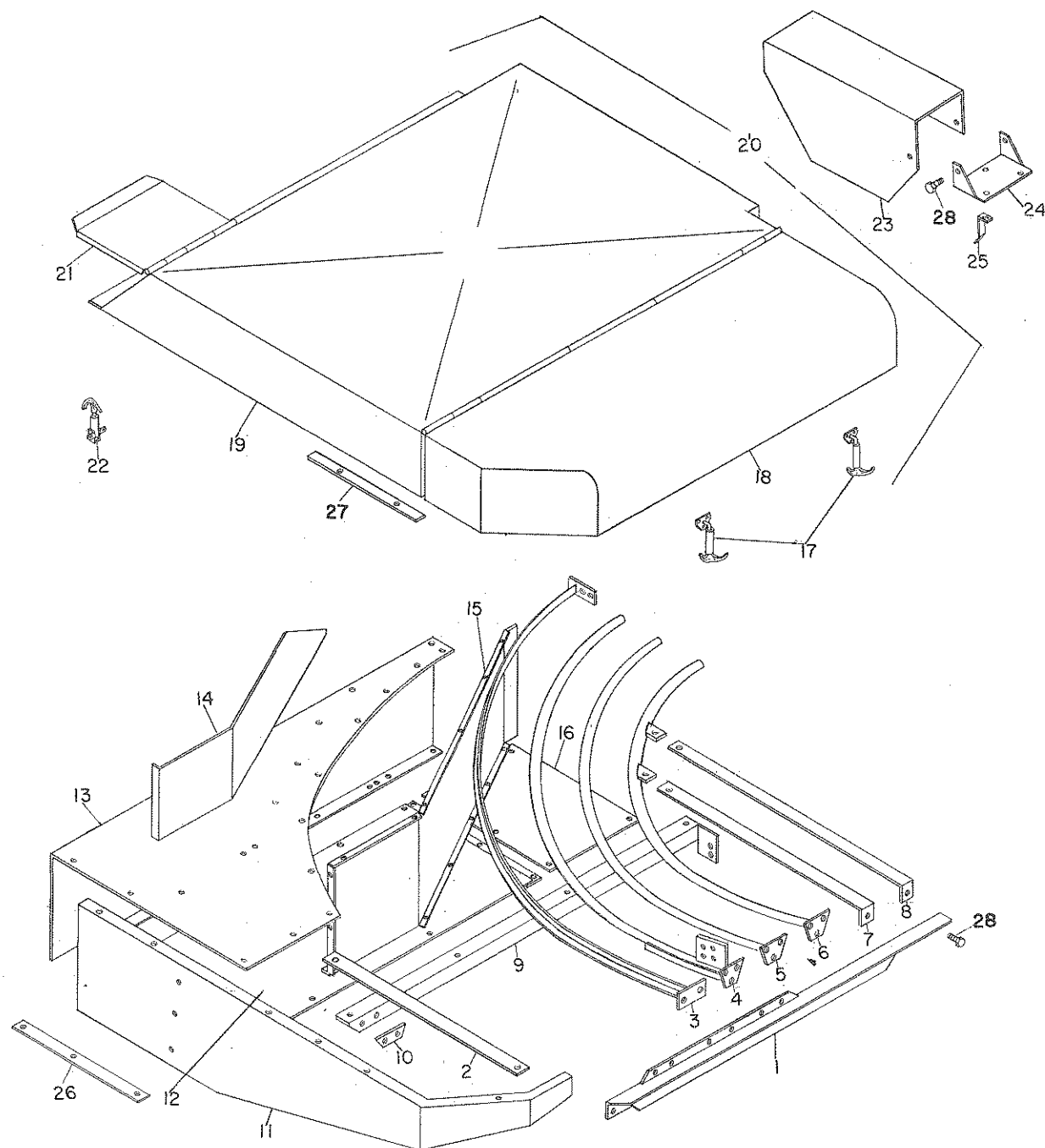
KNOTTER TRIP ASSEMBLY

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 8022	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 1-1/2" 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	F	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			



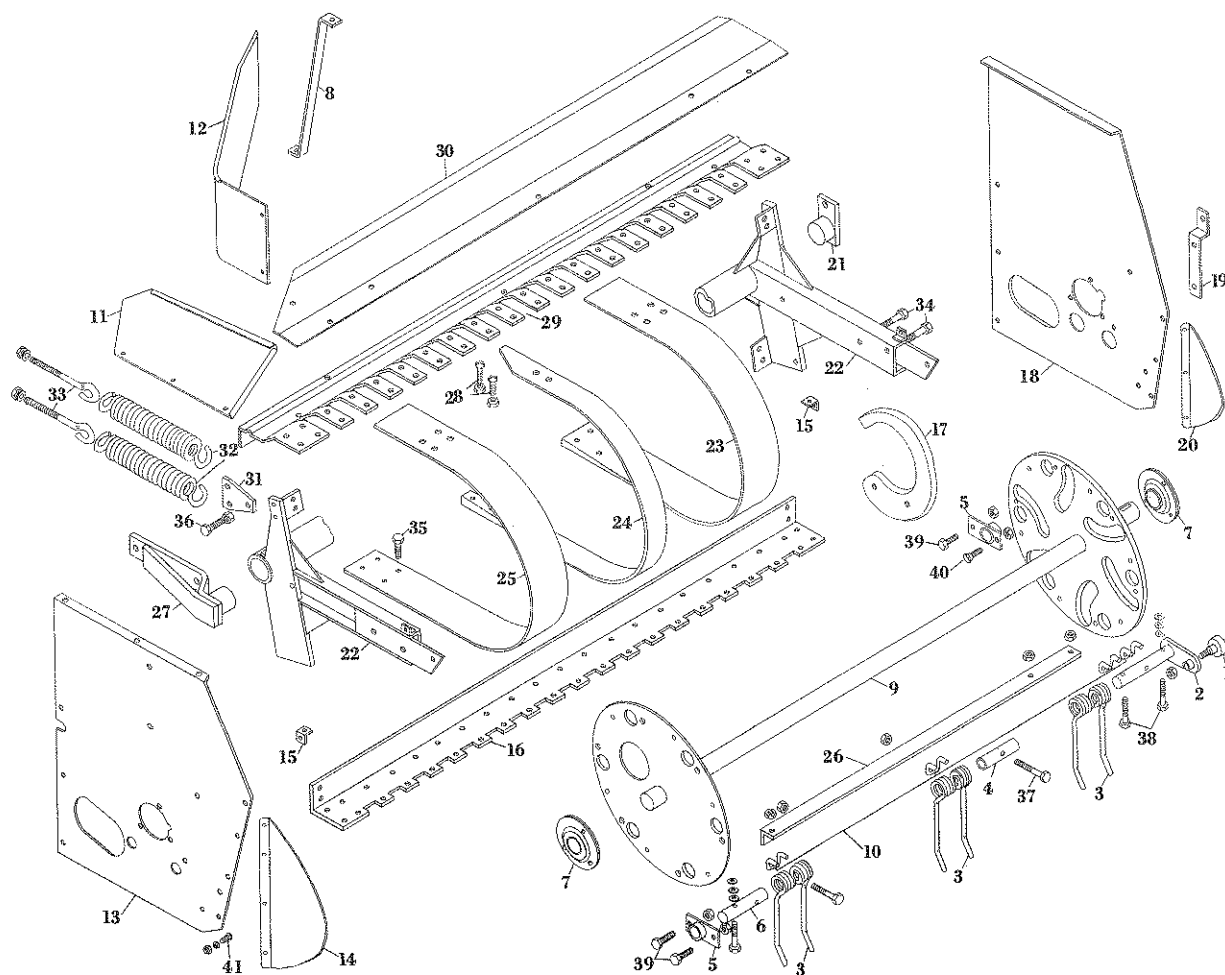
AXLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7989	Wheel, 8-hole, drop center, for F 7992 hub, L.H.	23	F 8005	Drop Center wheel with 4-ply tire & tube, mounted, R.H. 6-hole
	F 8184	Flotation wheel, 8 hole for F 7992 hub, L.H.		F 8030	Flotation wheel with 11.5-15 6-ply tire & tube, mounted, R.H.
2	F 215	Inner tube, 7:50 x 16	24	F 8072	Lug bolt for F 8007 hub
	F 8029	Inner tube, for 11.5-15 flotation tire	25	F 8006	Spindle for F 8007 hub, R.H. Side
3	F 213	Tire, 7:50 x 16-8-ply implement	26	F 8007	Hub with cups, R.H. side, 6 hole, Q777
	F 8028	Flotation tire, 11L-15, 6 ply	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
	F 8183	Flotation wheel with 11L-15 6 ply tire & tube, mounted, L.H.	29	F 8010	Grease retainer for F 8007 hub
5	F 7991	Spindle for F 7992 hub, L.H. side, 8 hole	30	F 8011	Outer wheel bearing cup for F 8007 hub, LM67010
6	F 7992	Hub with cups, L.H. side, Q778		F 8012	Outer wheel bearing cone for F 8007 hub, LM67048
7	F 7993	Inner wheel bearing cup for F 7992 hub, #25520	31	F 8014	Hub cap for F 8007 hub
8	F 7994	Inner wheel bearing cone for F 7992 hub, #25590	32	F 8015	Single wheel hub w/bearings for 6-hole wheel less spindle, R.H.
9	F 7995	Grease retainer for F 7992 hub	33	F 8016	Single wheel hub with spindle complete, R.H. side
10	F 7996	Outer wheel bearing cup for F 7992 hub, #25821		F 7756	Mounting channel, R.H. wheel
11	F 7997	Outer wheel bearing cone for F 7992 hub, #25877	35	F 7750	Tubular axle
12	F 7998	Washer for spindle	36	F 8182	Spacer, flotation tandem wheel
13	F 7999	Nut for spindle	37	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.
14	F 8000	Hub cap 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.
15	F 8001	Lug bolt for F 7992 hub		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.
16	F 8002	Single wheel hub w/bearings for 8-hole wheel less spindle, 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.
17	F 8003	Single wheel hub with spindle complete, L.H.			
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			



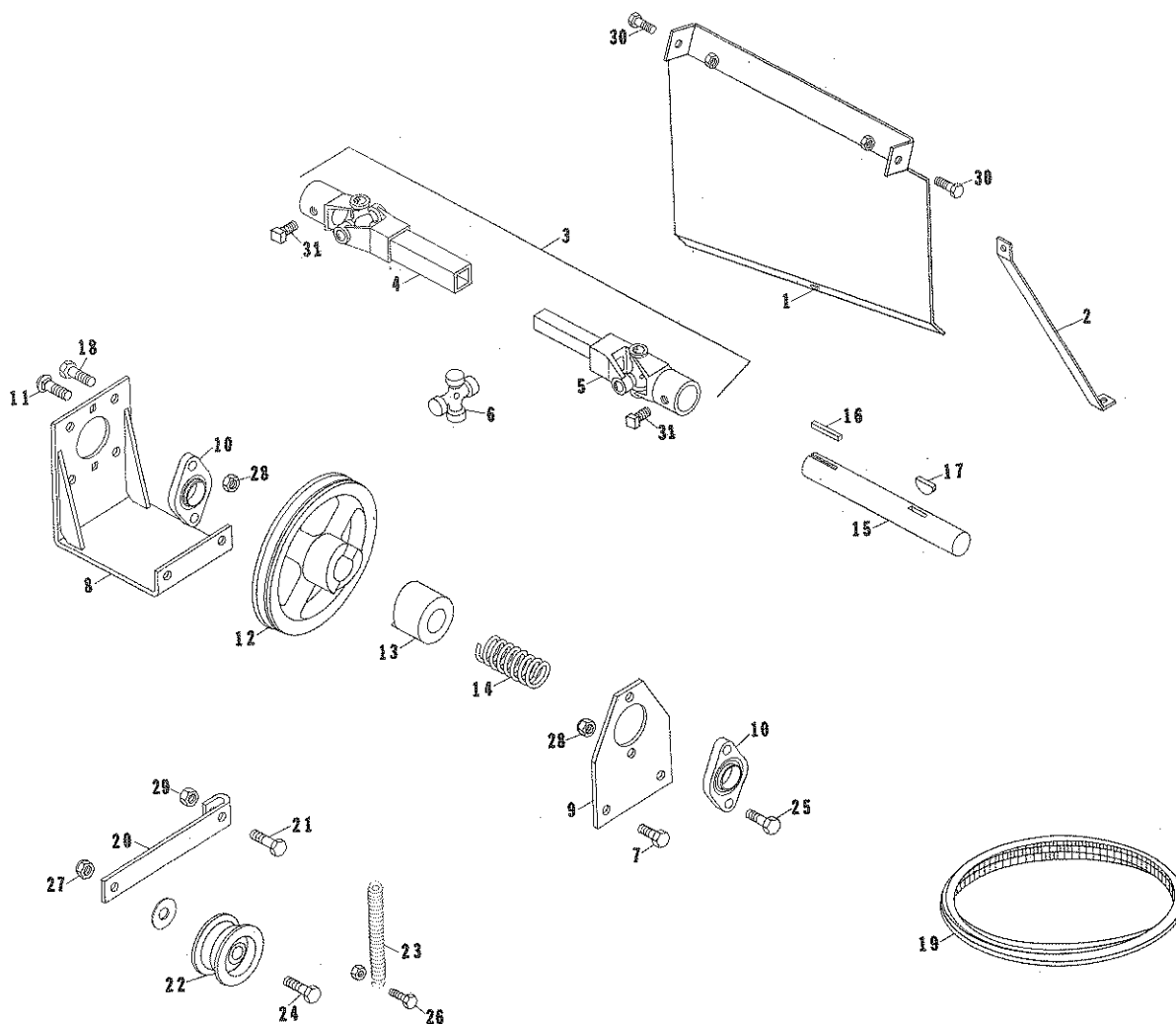
PICKUP FEEDER HOUSE

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 8158	Access door for F 8160 shield
5	F 7163	Guard pipe, center	19	F 8159	Shield over pickup, rear
6	F 7164	Guard pipe, inside	20	F 8160	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 knotted 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 8161	Shim for top of feeder house end plate
14	F 7127	Upright shield under hood	28		5/16" x 1" N.C. Cap screw



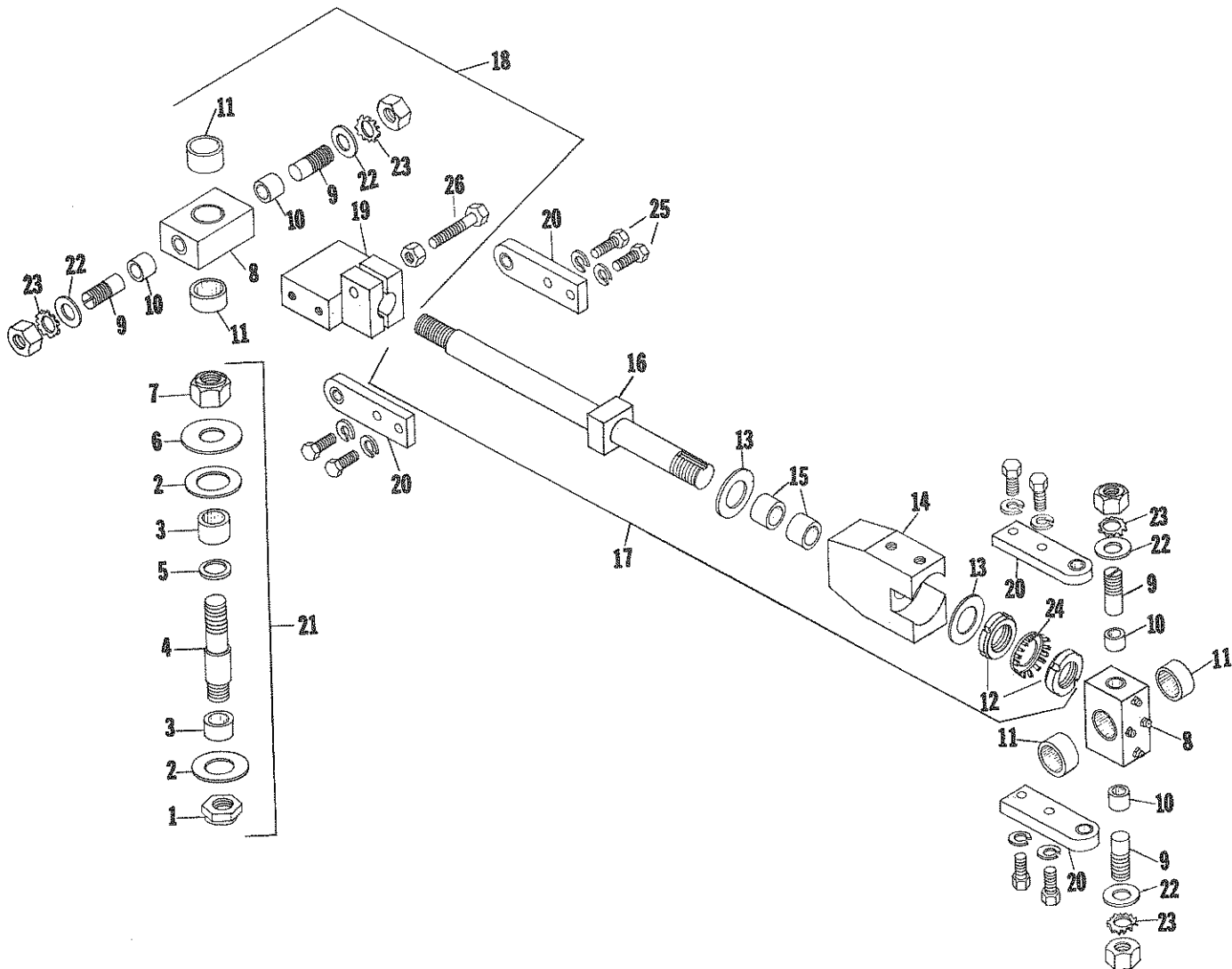
PICKUP CYLINDER ASSEMBLY

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 8102	Bearing, pickup shaft	29	F 7730	Top stripper bar, formed
8	F 8113	Center brace for formed stripper bar	30	F 7731	Pickup joint sheet
9	F 8103	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



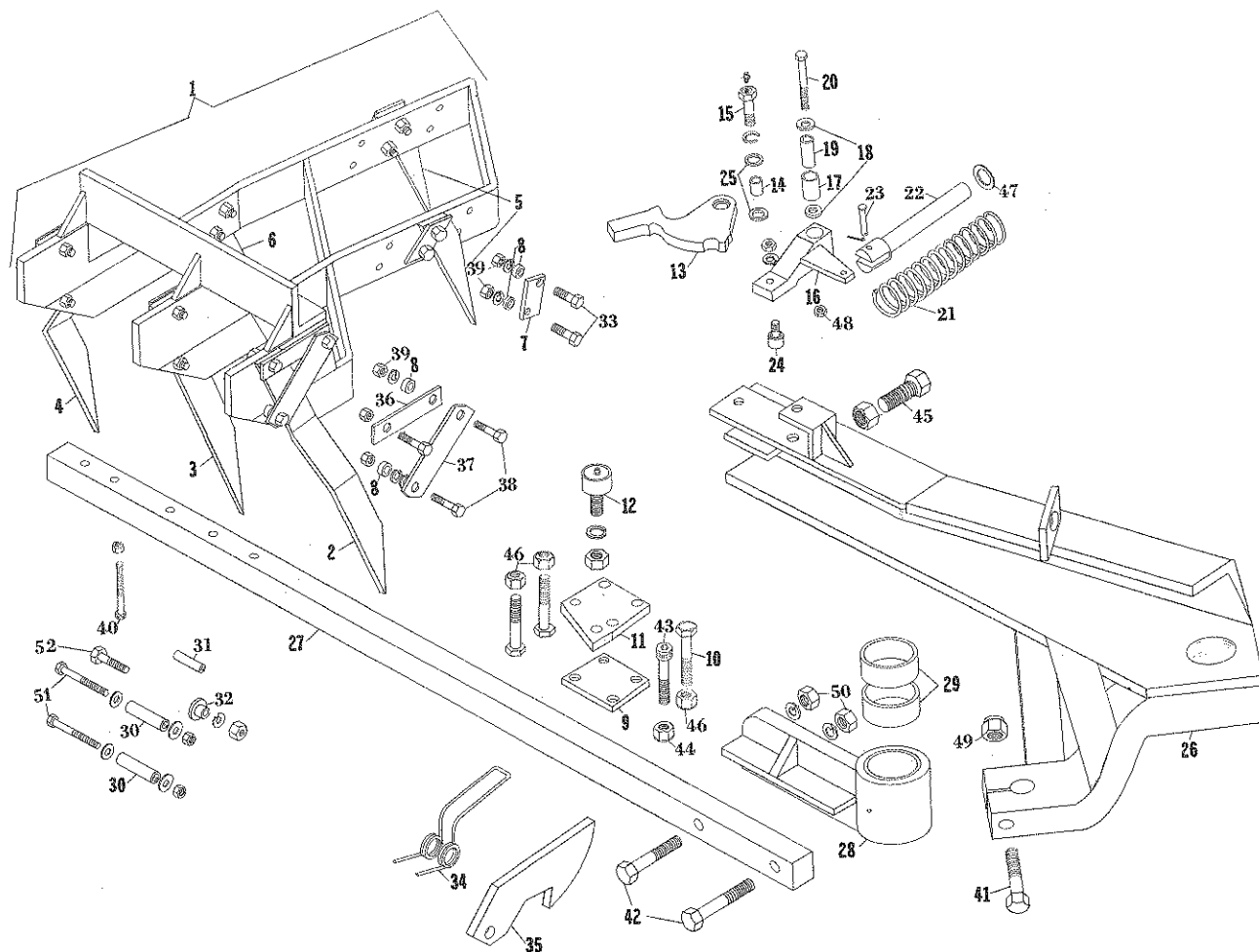
PICKUP DRIVE

REF. NO.	PART NO.	DESCRIPTION
1	F 8162	Pickup drive shaft shield
2	F 8163	Brace for pickup drive shaft shield
3	F 8098	Universal drive shaft complete
4	F 8096	Universal with square tube
5	F 8097	Universal with square shaft
6	F 318	Universal joint repair kit
7		3/8" x 1" NC Cap screw, 2 used
8	F 8090	Bearing mount bracket
9	F 8091	Bearing mount plate
10	F 7063	Bearing, 1-3/8"
11		3/8" x 1-1/4" #3 Plow bolt, 2 used
12	F 8A	Pickup driven sheave
13	F 7	Pickup clutch ring
14	F 126	Pickup clutch spring
15	F 8092	Pickup drive shaft
16	F 122	Key, 1/4" x 1/4" x 2-1/2"
17	F 83	Woodruff Key, 3/8" x 1-1/4"
18		1/2" x 1-1/2" NC Cap screw, 4 used
19	F 7535	Pickup drive belt, CX105
20	F 7546	Pickup drive belt tightener bracket
21		1/2" x 2-1/4" N.C. cap screw
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		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		Square head set screw



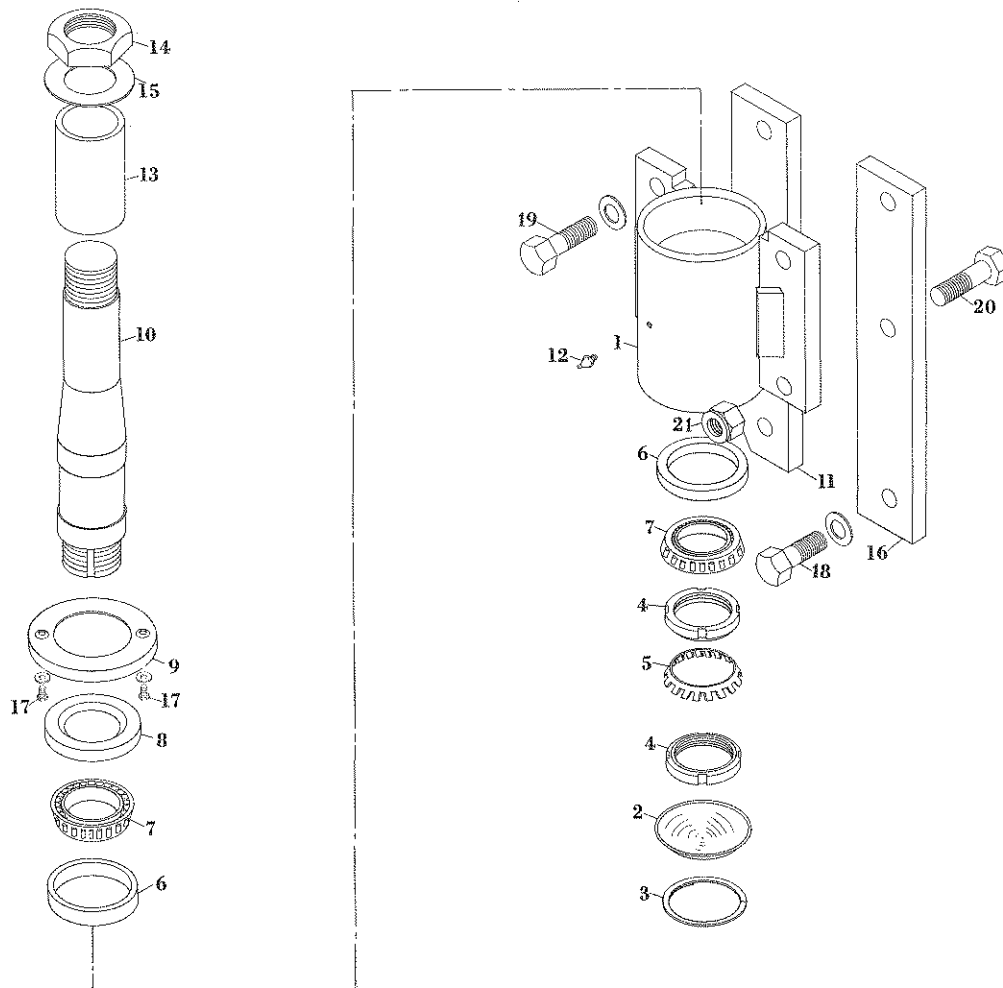
FEED ARM DRIVE

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

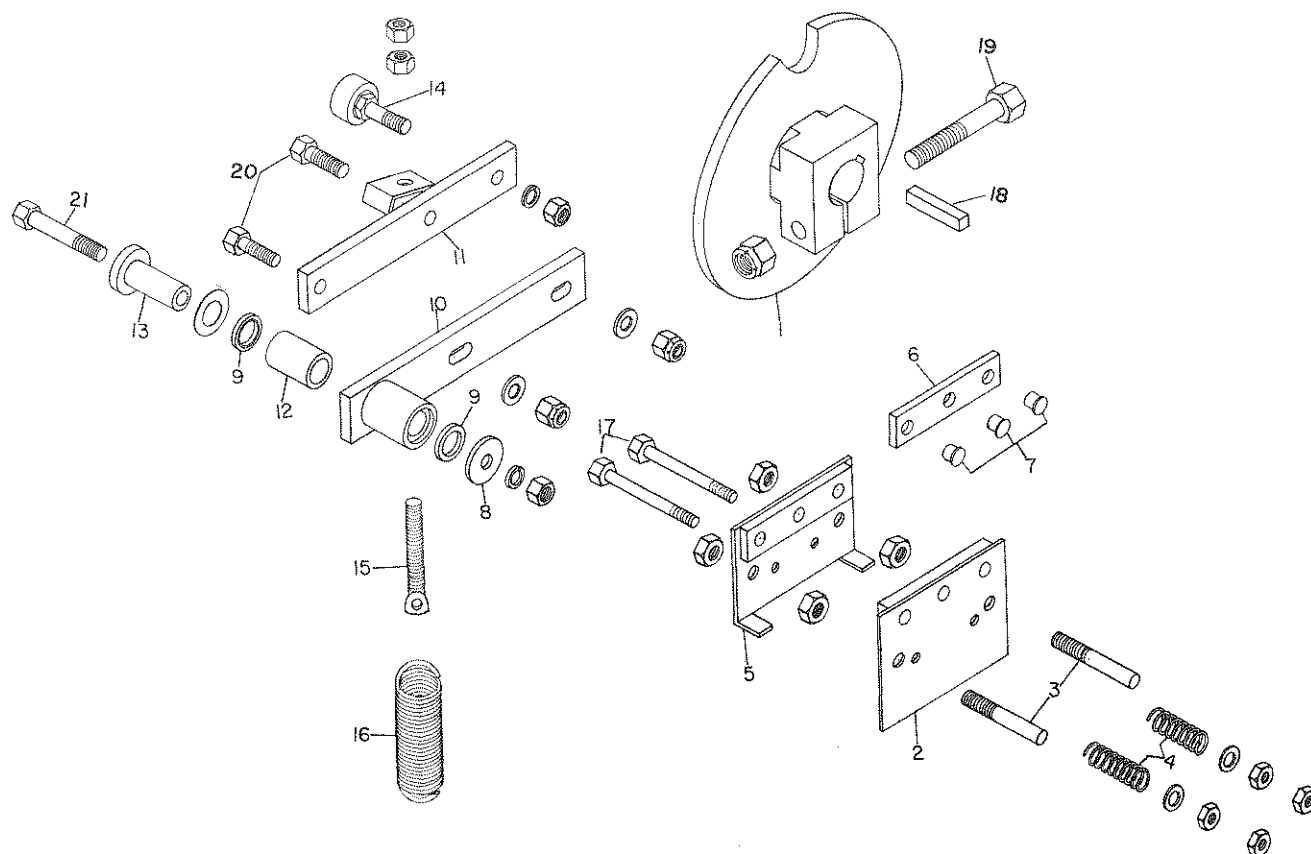
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7966	Feed fork complete	27	F 7529	Torque shaft, 1-1/2"
2	F 7967	Tine, trailing, inside, 1" offset	28	F 8127	Torque shaft bearing with bushing
3	F 7968	Tine, trailing, center	29	F 8141	Bushing for torque shaft bearing
4	F 7969	Tine, trailing, outside, 2-1/2" offset	30	F 7275	Roll pin, 1/2" x 2", 2 used
5	F 1603	Tine, leading, short (2 used)	31	F 7239	Roll pin, 3/8" x 1-1/2"
6	F 1189	Tine, outside center	32	F 7276	Ferrule for F 1563
7	F 1195	Clip for tines	33		7/16" x 1-1/2" N.F.H.T. cap screw
8	F 1193	Bushing and stop for tines	34	F 281	Spring latch
9	F 7532	Bottom plate	35	F 1563	Catch for torque shaft
10	F 7534	Bolt, 3/8" x 2-3/4" N.F.H.T.	36	F 7970	Strap for feed fork tine, inside
11	F 7533	Roller plate	37	F 7971	Strap for feed fork tine, outside
12	F 4050	Latch roller	38		7/16" x 1-3/4" NFHT cap screw
13	F 7604	Latch	39		7/16" N.F. nut
14	F 7607	Bushing for F 7604 latch	40		3/8" x 2-1/2" NFHT cap screw, 5 used
15	F 7605	Latch hinge pin	41		1/2" x 4-1/4" N.C. cap screw
16	F 7606	Trip arm	42		1/2" x 3" N.F. cap screw
17	F 1556	Trip arm bushing	43		3/8" x 2-3/4" N.C. hollow head cap screw
18	F 1557	O ring (2 used)	44		3/8" N.C. Fiber lock nut
19	F 1558	Trip arm sleeve	45		5/8" x 1-3/4" NC cap screw w/nut
20	F 1559	Trip arm pin	46		3/8" N.F. Fiber lock nut
21	F 1635	Trip arm spring	47		3/4" machine bushing (as required)
22	F 1643	Trip arm spring rod	48		5/16" NC nut
23	F 1561	Trip arm spring rod clevis pin	49		1/2" NC fiber lock nut
24	F 822	Cam follower for spring arm (CF1-S)	50		1/2" N.F. nut
25	F 7610	Quad ring for F 7604 latch	51		5/16" x 2-1/2" NC cap screw
26	F 8142	Feed arm	52		7/16" x 1-1/4" NC cap screw



FEED ARM PIVOT SHAFT

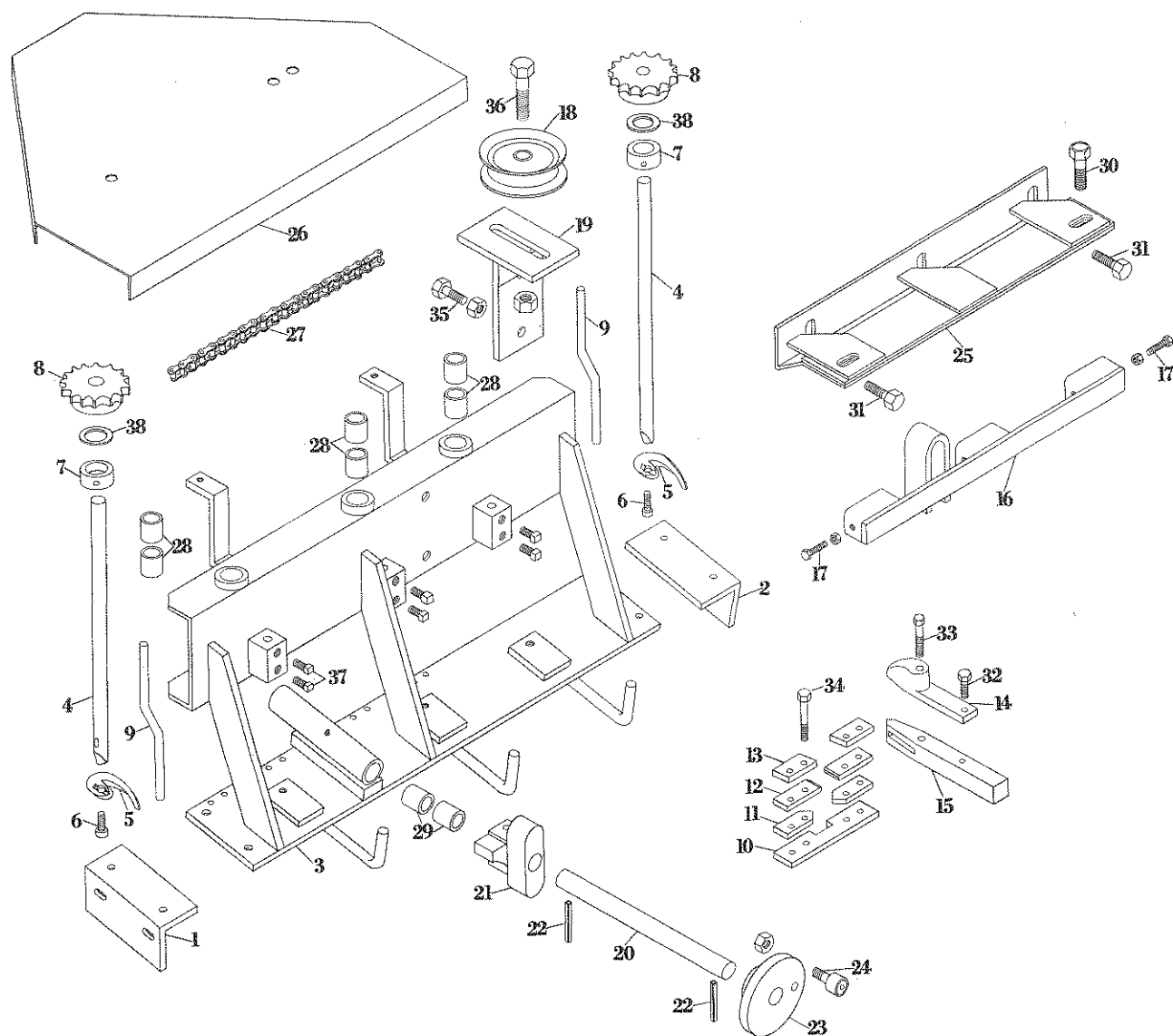
REF. NO.	PART NO.	DESCRIPTION
1	F 8128	Feed arm bearing housing w/bearing cups
2	F 8129	Plug cap, HP 4-1/4
3	F 8130	Retaining ring, RR 425
4	F 8131	Nut, bearing takeup, 2 used, N-12
5	F 8132	Lock washer, W-12
6	F 8133	Bearing cup, 2 used, JLM 710910
7	F 8134	Bearing cone, 2 used, JLM 710949
8	F 8135	Oil seal, 55304
9	F 8136	Dust cap
10	F 8126	Pivot shaft
11	F 8137	Pivot shaft strap, 16" chamber
	F 8138	Pivot shaft rear, 17" chamber
12	F 1661	Hydraulic shut-off fitting # 1940B
13	F 8139	Pivot shaft sleeve
14	F 8140	Jam nut, 2" - 12
15	F 8187	Pivot shaft washer, 2-5/8" x 3-1/2" x 14 ga.
16	F 8185	Pivot shaft strap, front, 16" chamber
	F 8186	Pivot shaft strap, front, 17" chamber
17		Flat head socket cap screw, #1032
18		3/4" x 1-3/4" N.C. cap screw, 2 used
19		3/4" x 2" N.C. cap screw, 2 used
20		3/4" x 2-1/2" N.C. cap screw, 2 used
21		3/4" N.C. fiber lock nut, 2 used

F 8195 Feed arm pivot shaft assembly
(Ref. 1-21 and Ref. 9-29, 40-50 page 14)



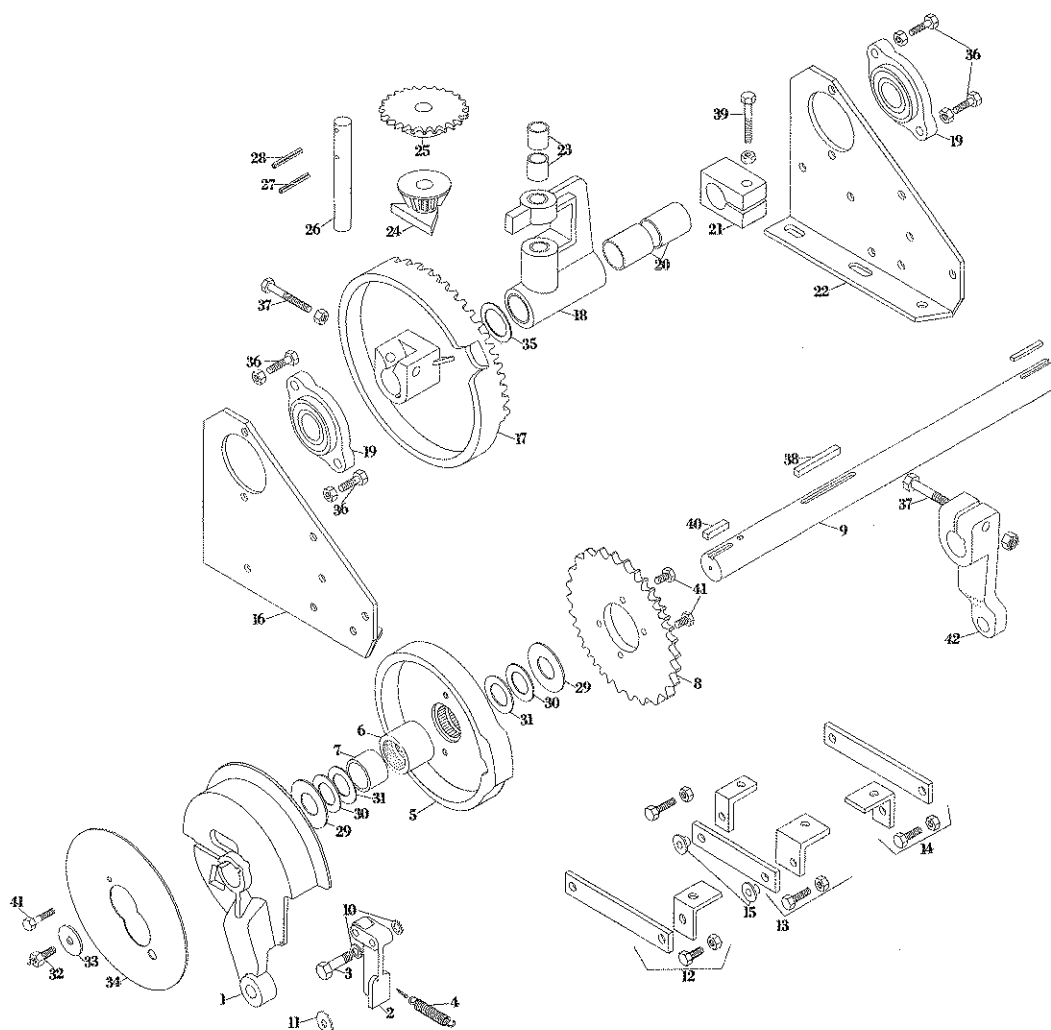
KNOTTER BRAKE ASSEMBLY

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
9	F 7587	Seal for saddle lever anchor (63123 Victor)			lock nut for brake clamp
10	F 7561	Saddle lever lower half with bushing	20		5/16" x 1-1/4" N.C. cap screw w/fibre
11	F 7560	Saddle lever upper half with spring anchor			lock nut for saddle lever
12	F 7586	Bushing for saddle lever, 3/4" x 1" x 1-1/2"	21		3/8" x 3-1/2" N.C. cap screw w/fibre
					lock nut for saddle lever anchor



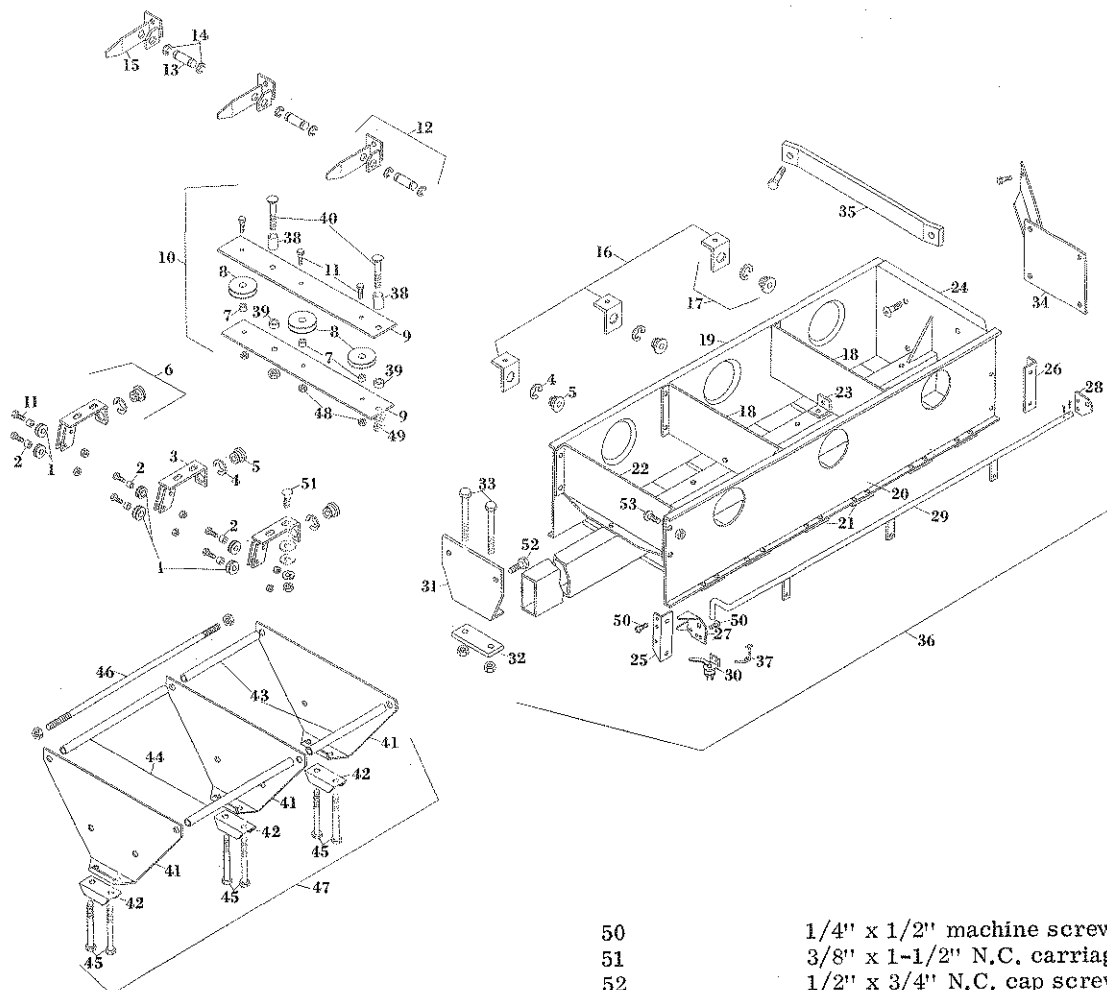
WIRE KNOTTER

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 7793	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 7794	Upper wire guide bracket
6	F 7248	Twister hook bolt	26	F 7064	Shield
7	F 172	Set collar, 3/4"	27	F 7796	Twister drive chain, 77P # 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	35		3/8" x 1" N.C. cap screw
16	F 7792	Shuttle bar with adjusting screws	36		1/2" x 2" N.C. cap screw
17	F 7081	Shuttle bar adjusting screws	37		3/8" x 3/4" N.C. square head set screw
18	F 7330	Chain tightener pulley	38		Washer, 10 ga., 3/4"
19	F 7329	Chain tightener pulley bracket			
20	F 7077	Cam shaft			



WIRE KNOTTER

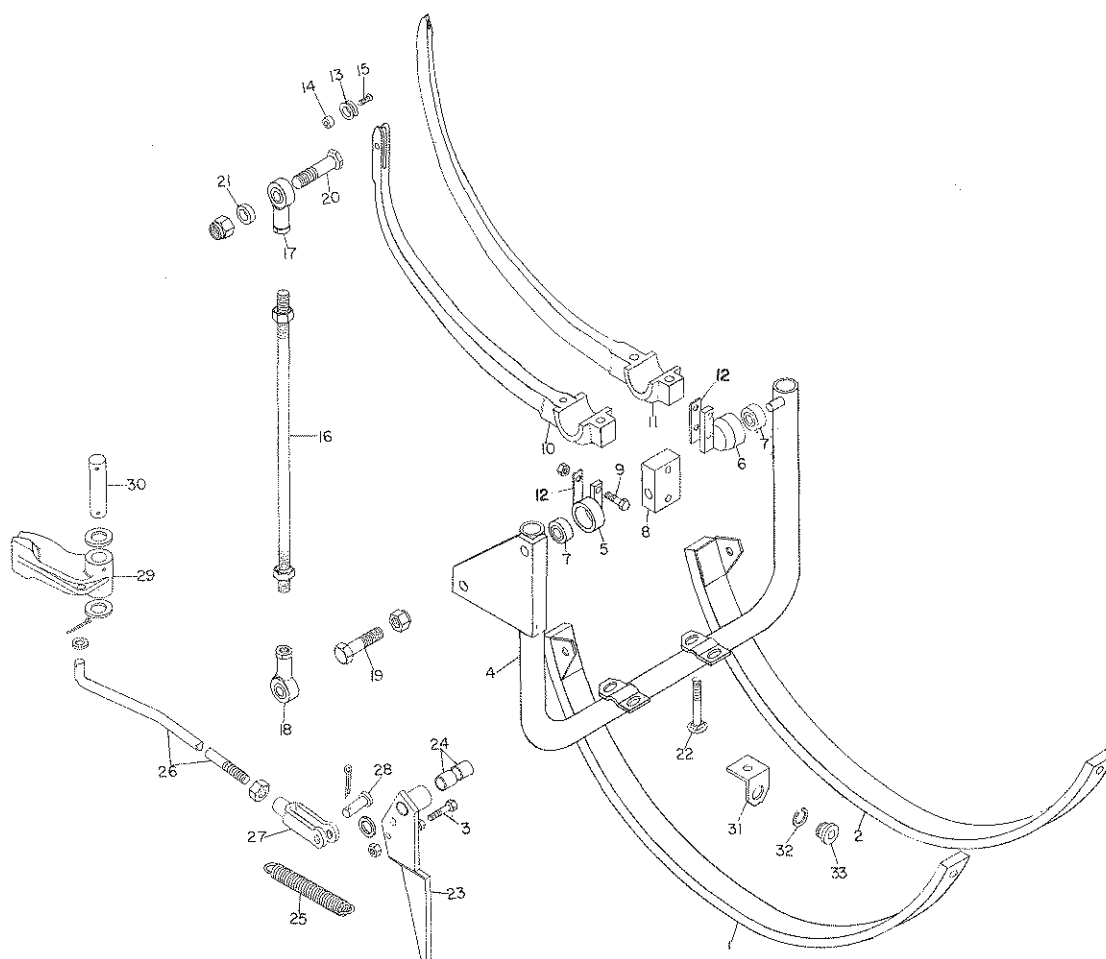
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7519	Clutch w/pawl, 1-3/8"	23	F 7247	Bushing for F 7072 frame, 7/8" x 1" x 1"
2	F 1622	Clutch pawl	24	F 7431	Pinion
3	F 1633	Clutch pawl pin	25	F 7257	Twister drive sprocket, 40B25
4	F 4115	Spring, clutch pawl	26	F 7069	Pinion shaft
5	F 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 7456	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 1645B zerk, end of knotter shaft
11	F 1620	Clutch pawl pin lock	33	F 246	Knotter shaft end washer, L.H.
12	F 7349	Brace w/angle, L.H.	34	F 7987	Shield for knotter clutch
13	F 7346	Brace w/angle, center	35	F 4159	Washer spacer, 10 ga., 1-3/8" I.D.
14	F 7345	Brace w/angle, R.H.		F 4160	Washer spacer, 14 ga., 1-3/8" I.D.
15	F 440	Ferrule for F 7346 brace		F 4161	Washer spacer, 18 ga., 1-3/8" I.D.
16	F 7571	Knotter mount, L.H.			3/8" x 1-1/2" NC cap screw
17	F 7432	Intermittent gear	36		1/2" x 3" NC cap screw
18	F 7072	Pinion frame	37		3/8" x 3/8" x 2-3/4" Key
19	F 7063	Bearing, knotter shaft (2 used)	38		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"	39		3/8" x 3/8" x 2" key
21	F 4138	Clamp collar	40		3/8" x 1" NC Cap screw
22	F 7570	Knotter mount, R.H.	41		
			42	F 7461	Needle yoke drive arm
				F 7980	Wire knotter complete with clutch & brake



- 50 1/4" x 1/2" machine screw
 51 3/8" x 1-1/2" N.C. carriage bolt
 52 1/2" x 3/4" N.C. cap screw
 53 5/16" x 3/4" machine screw

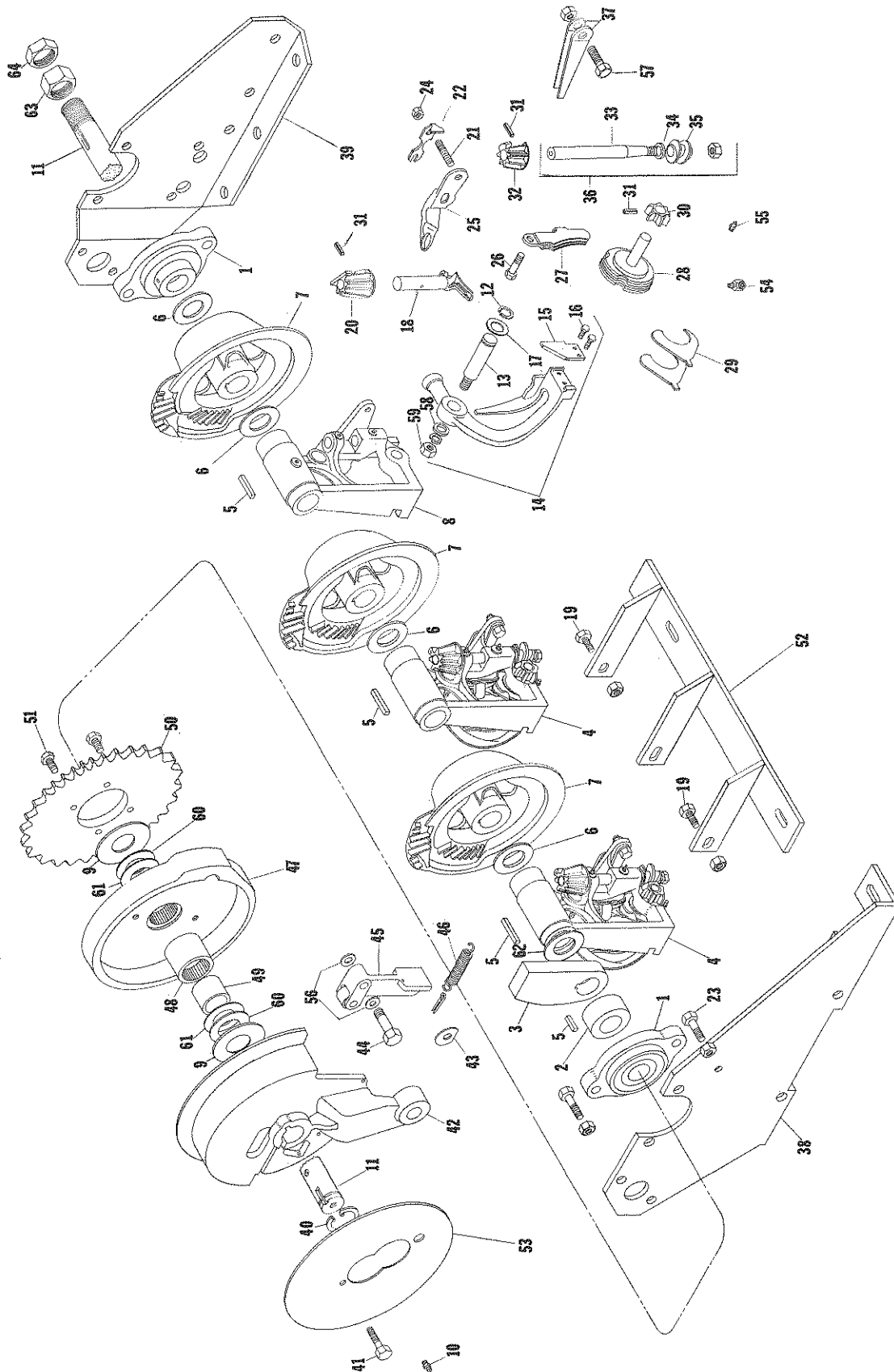
WIRE BOX AND WIRE GUIDES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 4014	Roller for wire guide and needle	26	F 7645	Angle for wire alarm mounting bracket, R.H.
2	F 4015	Bushing for F 4014 roller	27	F 4191	Mounting bracket for wire alarm rod, L.H.
3	F 4222	Wire guide frame only (lower rear)	28	F 4190	Mounting bracket for wire alarm rod, R.H.
4	F 857	Snap ring for F 856 bushing	29	F 7608	Rod for wire alarm
5	F 856	Wire guide bushing	30	F 946	Switch only for wire alarm
6	F 4205	Wire guide complete, lower rear	31	F 7555	Wire box mounting bracket
7	F 4068	Bushing for F 4067 roller	32	F 7556	Bottom support plate for F 7555
8	F 4067	Roller, lower front wire guide	33		Bolt with nut, 1/2" x 5-1/2" N.C. Cap screw
9	F 8173	Wire guide bracket, lower front	34	F 7557	Wire box mounting bracket, R.H.
10	F 8174	Wire guide complete, lower front	35	F 7705	Brace for F 7557 RH wire box bracket
11		Bolt with lock nut, 1/4" x 1" N.C. Cap screw	36	F 7515	6 compartment wire box complete with braces and harness
12	F 4203	Upper wire guide complete with pin	37	F 4210	Spring for wire alarm rod
13	F 4204	Upper wire guide wear pin	38	F 8175	Spacer, 1-1/4"
14	F 5159	Snap ring for wear pin	39	F 8176	Spacer, 13"/32
15	F 4225	Upper wire guide, bracket only	40		3/8" x 1-3/4" N.C. carriage bolt, 2 used
16	F 4163	Wire guide bracket, rear	41	F 6317	Wire carrier end plate
17	F 4224	Wire guide bracket complete with bushing	42	F 6318	Wire carrier clamp
18	F 7637	Wire box divider	43	F 7231	Pipe spacer, wire carrier, short
19	F 7638	Wire box side, front	44	F 7232	Pipe spacer, wire carrier, long
20	F 7639	Wire box side, rear	45		3/8" x 5" N.C. cap screw
21	F 7640	Wire box bottom slats	46	F 7230	Stay bolt, wire carrier
22	F 7641	Wire box end, left	47	F 4228	Wire carrier complete
23	F 7642	Wire box divider angle	48		1/4" N.C. fiber lock nut
24	F 7643	Wire box base with end plate	49		3/8" N.C. fiber lock nut
25	F 7644	Angle for wire alarm mounting bracket, L.H.			



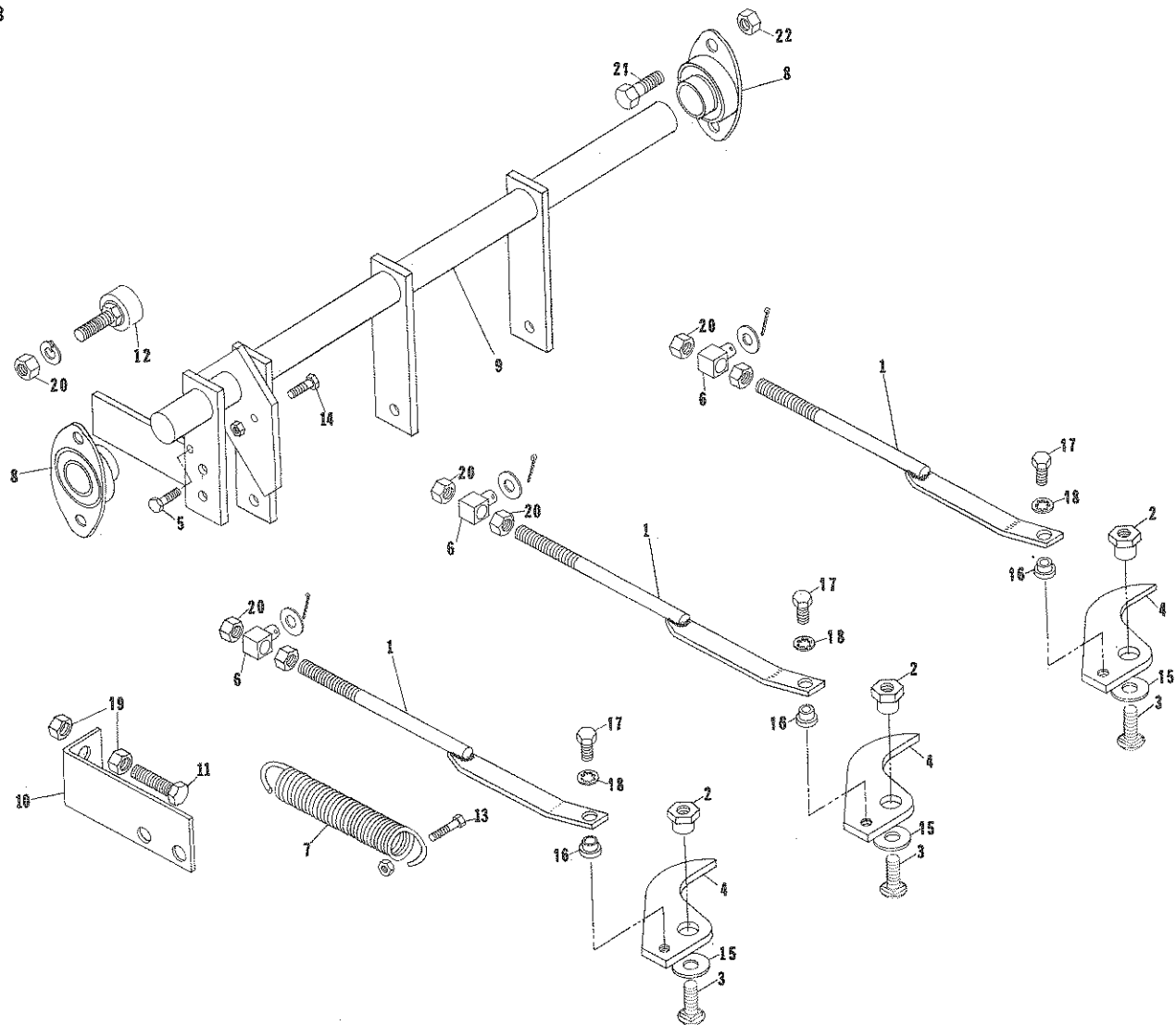
NEEDLE AND YOKE ASSEMBLY

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 1548	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 7903	Needle yoke, wire	18	F 1549	Needle yoke drive rod end, R.H. thread
	F 7972	Needle yoke, twine	19	F 1552	Bolt, drive rod to needle yoke with nut
5	F 7522	Needle yoke bearing complete, L.H., wire only	20	F 1551	Bolt, drive rod to clutch with nut
6	F 7521	Needle yoke bearing complete, R.H., wire only		F 1574	Bolt, drive rod to R.H. needle yoke drive arm
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
	F 8177	Needle, wire	26	F 7524	Plunger dog return rod
11	F 1611	Needle, cast iron curved, twine	27	F 7526	Clevis for dog return rod
12	F 1702	Shim for wire needle yoke bearing	28	F 7527	Clevis pin for F 7526 clevis
	F 1701	Shim for twine needle yoke bearing	29	F 7547	Plunger stop dog
13	F 4014	Roller for needle and wire guide, 21/32" bore	30	F 7588	Plunger dog pin
14	F 4015	Bushing for F 4014 roller	31	F 7973	Holder for needle twine guide bushing
15	F 4016	Bolt, needle roller	32	F 857	Snap ring for F 856
			33	F 856	Twine guide bushing



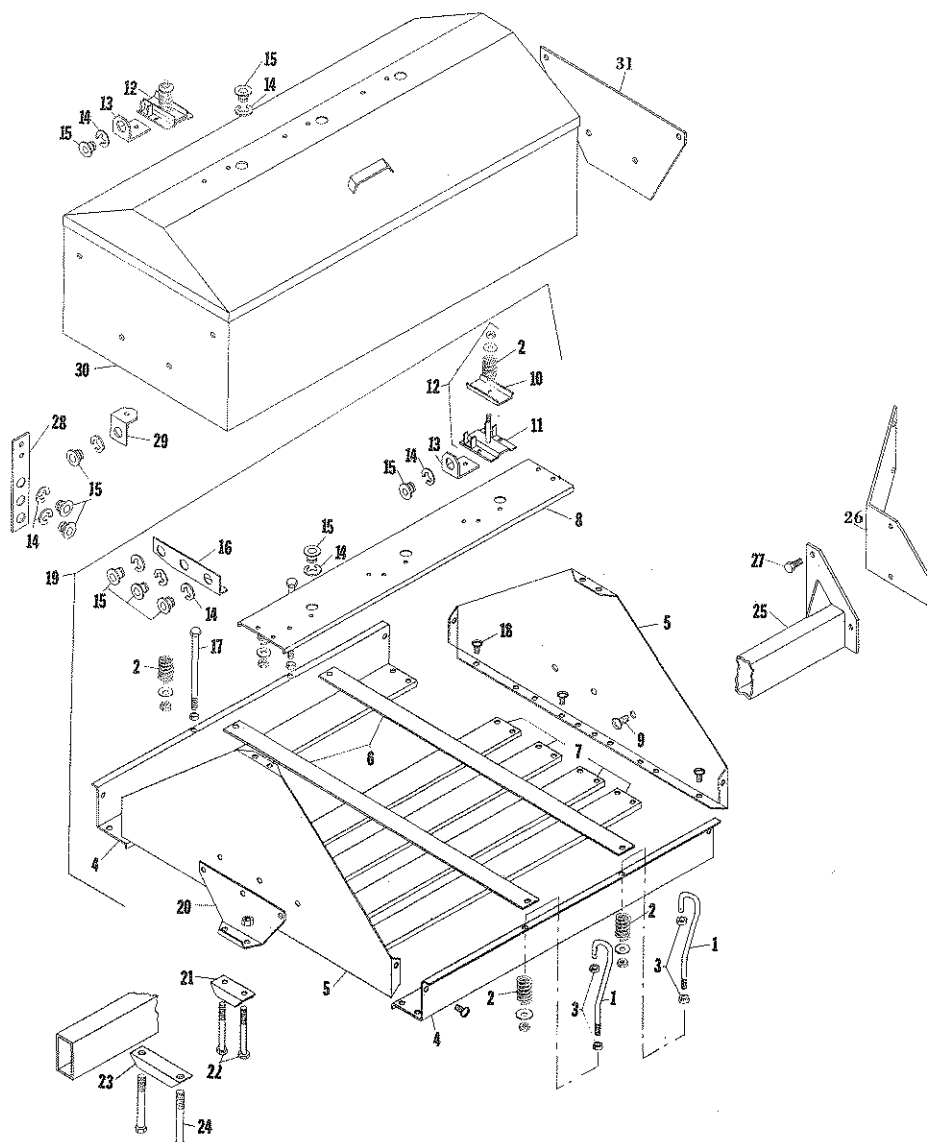
TWINE KNOTTER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7063	Knotter shaft bearing, 1-3/8"	34	F 1680	Washer, knotter worm shaft, 28 ga.
2	F 99	1-3/8" set collar	F 657		Washer, knotter worm shaft, 10 ga.
3	F 7940	Twine finger drive cam	F 658		Washer, knotter worm shaft, 14 ga.
4	F 8053	Knotter frame complete	F 659		Washer, knotter worm shaft, 18 ga.
5	F 4104	Key, 3/8" x 3/8" x 1-1/2", cam gear	F 7875		Knotter worm only
	F 7904	Key, 3/8" x 3/8" x 2", clutch	F 7876		Knotter worm and shaft complete
	F 8054	Key, 3/8" x 3/8" x 3/4", Cam	F 8052		Twine holder spring, 2 used
6	F 4159	Knotter shaft spacer washer, 10 ga.	F 8093		Twine knotter mount, L.H.
	F 4160	Knotter shaft spacer washer, 14 ga.	F 8094		Twine knotter mount, R.H.
	F 4161	Knotter shaft spacer washer, 18 ga.	F 7988		Snap ring, # 5160-137
	F 7977	Knotter shaft spacer washer, .010"			3/8" x 1" N.C. Cap screw
	F 7978	Knotter shaft spacer washer, .005"	F 7519		Clutch w/pawl, 1-3/8" shaft
7	F 7942	Knotter cam gear	F 1620		Clutch pawl pin lock
8	F 7943	Knotter frame only	F 1633		Clutch pawl pin
9	F 4136	Hardened washer, 1-3/8" I.D., 16 ga.	F 1622		Clutch pawl
10		1/8" P.T. straight grease fitting #1710B	F 4115		Spring clutch pawl
11	F 7986	Knotter shaft, adjustable, 330T, 1-3/8"	F 4133		Notched clutch disc w/F4134 bearing
12	F 7976	Snap ring for knife arm pin			Bearing
13	F 7884	Knife arm pin	F 4134		Inner race
14	F 8050	Knife arm complete	F 4135		Sprocket, knotter clutch, 60A32
15	F 8049	Twine knife	F 755		3/8" x 1" NC cap screw
16	F 7859	Twine knife screw			Knotter head anchor
17	F 7860	Knife arm washer	F 7953		Shield for knotter clutch
18	F 7861	Knotter bill hook	F 7987		Zerk, 90°
	F 8068	Knotter bill hook pinion spacer washer, .020"	F 7882		Zerk, straight
		Knotter bill hook pinion spacer washer, .035"	F 7883		Washer, clutch pawl
	F 8069	Trigger for F 7861 Knotter bill hook	F 1623		3/8" x 1" cap screw
		Pin for F 8070 trigger			Knife arm shaft washer
19	F 8070	3/8" x 1-1/4" NC Cap screw	F 7892		Knife arm shaft nut
20	F 8071	Pinion, knotter hook, steel cut	F 7893		Knotter shaft spacer washer, 10 ga.
21	F 1700	Knotter hook cam adjusting screw	F 4159		Knotter shaft spacer washer
22	F 7948	Knotter hook cam adjusting spring	F 4161		Knotter shaft spacer washer, 10 ga.
23	F 7947	7/16" x 1-1/2" NF Cap screw	F 4159		(use 1)
24	F 7949	Knotter hook cam adj. screw nut	F 4160		Knotter shaft spacer washer, 14 ga.
25	F 8051	Knotter hook cam			(use 2)
26	F 7867	Twine holder bolt	F 4161		Knotter shaft spacer washer, 18 ga.
27	F 7868	Twine holder			(use 1)
28	F 7869	Twine disc			1-3/8" NF Hex nut
29	F 7870	Twine disc cleaner			1-3/8" NF Hex Jam nut
30	F 7871	Pinion, twine holder disc			Twine knotter assy. complete w/mounts, clutch assy., & brake assy.
31	F 7872	Roll pin	F 8031		Twine knotter shaft assy. w/clutch & brake disc
32	F 7873	Pinion, knotter worm			
33	F 7874	Knotter worm shaft	F 8032		



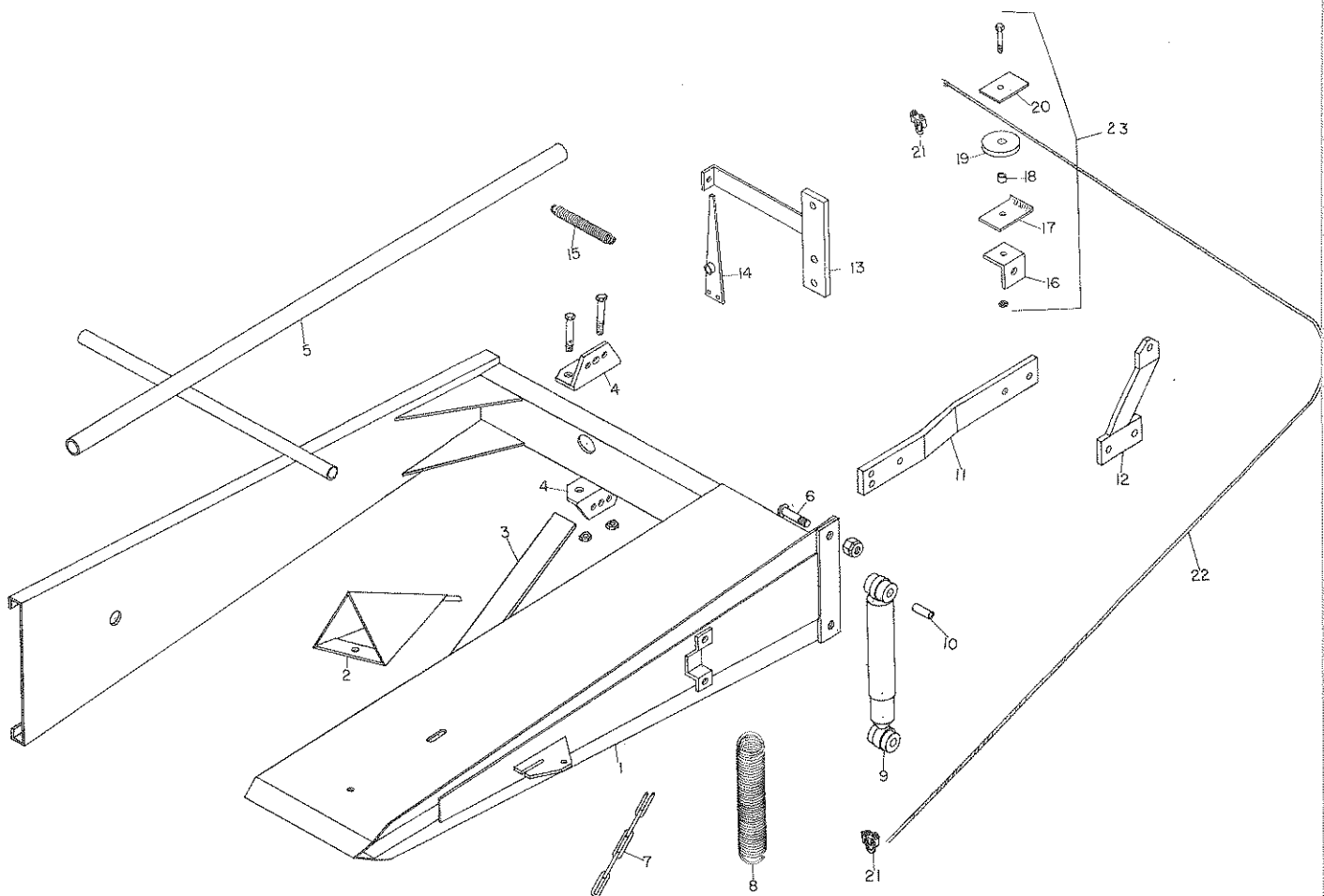
TWINE FINGER DRIVE

REF. NO.	PART NO.	DESCRIPTION
1	F 8143	Twine finger drive rod
2	F 8144	Bushing, twine finger
3		3/8" x 1-1/4" carriage bolt w/nut, Grade 8
4	F 8145	Twine finger
5		1/4" x 1" NC cap screw
6	F 452	Twine finger link block
7	F 1517	Spring, twine finger return
8	F 8095	Bearing, twine finger drive rod
9	F 7958	Twine finger drive shaft assembly
10	F 7959	Twine finger stop bracket
11		3/8" x 1-1/2" NC Cap screw
12	F 1572	Cam follower
13		5/16" x 1-1/2" NC cap screw
14		1/4" x 1" NC cap screw
15	F 8146	Twine finger washer
16	F 8147	Drive rod bushing
17		5/16" x 1/2" N.C. cap screw
18		5/16" internal star lock washer
19		3/8" N.C. nut
20		3/8 N.F. nut
21		5/16" x 1" N.C. cap screw
22		5/16" N.C. Nut



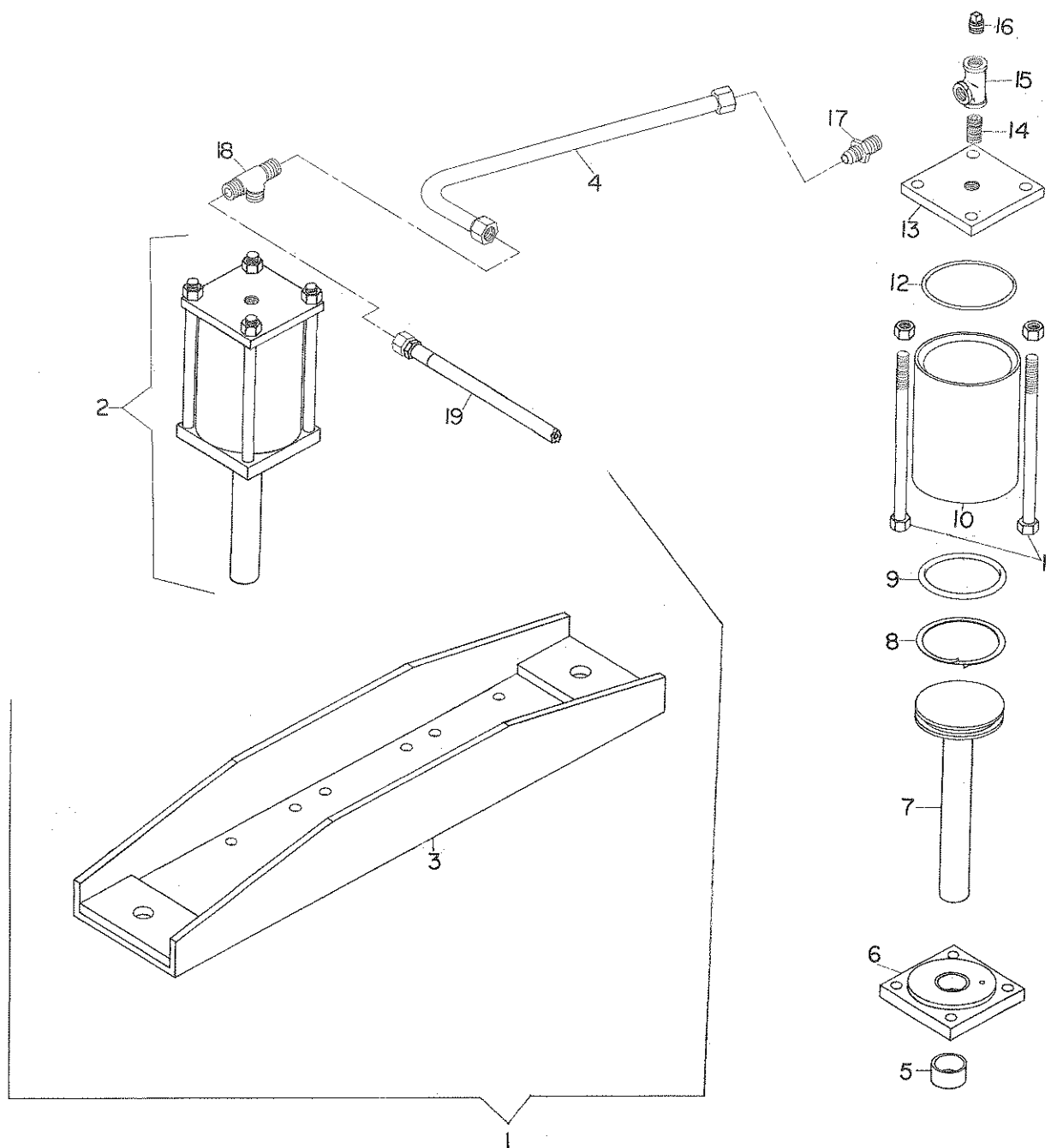
TWINE BOX AND TWINE GUIDES

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 8194	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 525	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	31	F 7555	Twine box tube mounting bracket, left hand
13	F 7898	Twine guide bushing holder	32	F 7985	Twine box, 9 compartment, large plastic twine balls, complete with base tube and mounting brackets
14	F 857	Snap ring for F 856	33	F 6317	Twine box bracket
15	F 856	Twine guide bushing			
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			



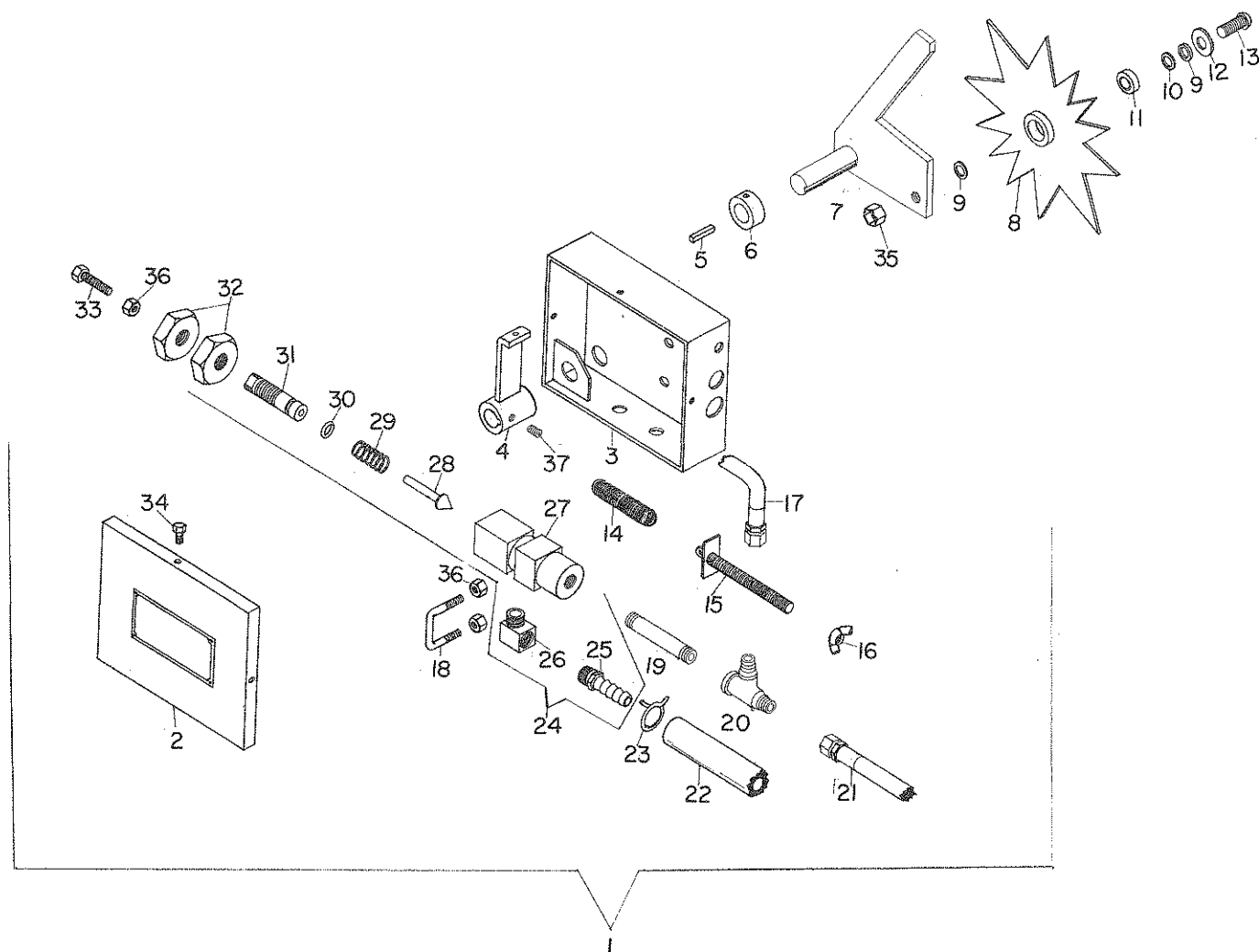
BALE CHUTE AND WEIGHT INDICATOR

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7600	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 985	Spring, bale chute, 3-tie turning	17	F 994	Shield for F 4067 roller
	F 987	Spring, bale chute, 3-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



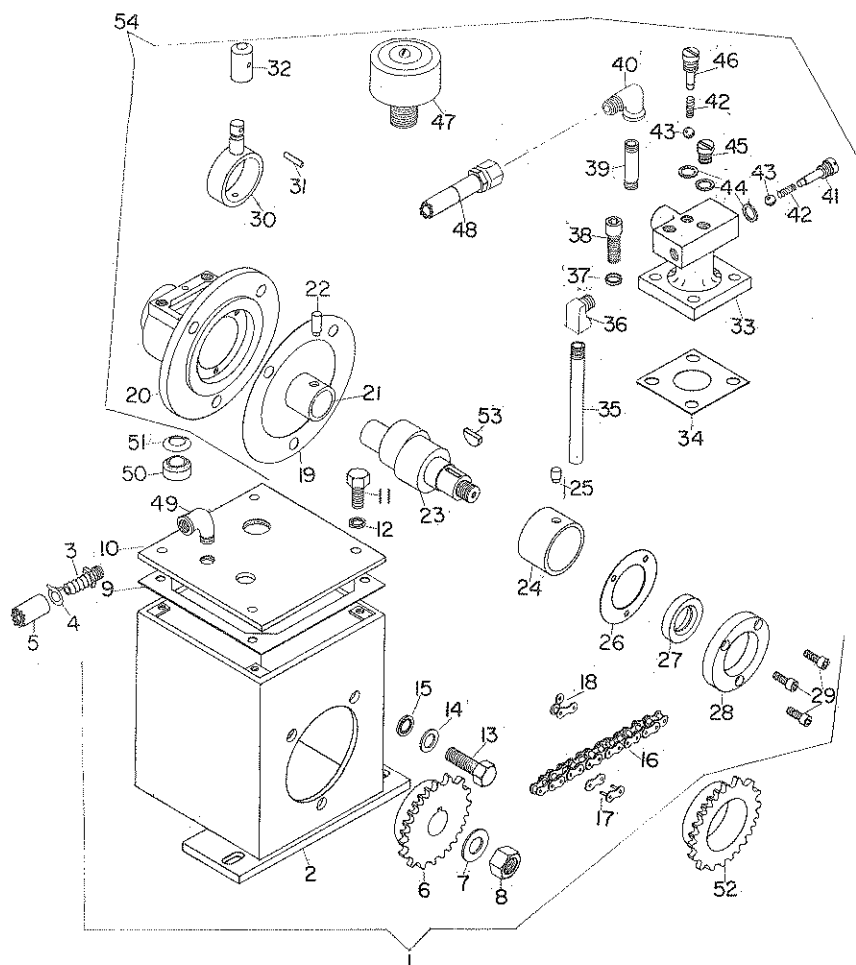
TENSION CONTROL RAM ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	FT 183	Dual 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 215	Cylinder frame	11	FT 16	Tie bolt, 3/8" x 7" N.F.H.T. with nut, 4 used
4	FT 216	3/8" steel tube, ram to ram	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 217	Nipple, 1/4" extra heavy black nipple
7	FT 11	Piston	15	FT 218	Tee, 1/4"
8	FT 137	Back up ring for FT 12, MS-28782	16	FT 75	Pipe plug, 1/4"
	-37		17	FT 219	3/8" JIC male connector, C 5205 x 6 WH
			18	FT 220	3/8" JIC male branch tee, C 5605 x 6 WH
			19	FT 136	Pressure hose, bypass to ram, 24"



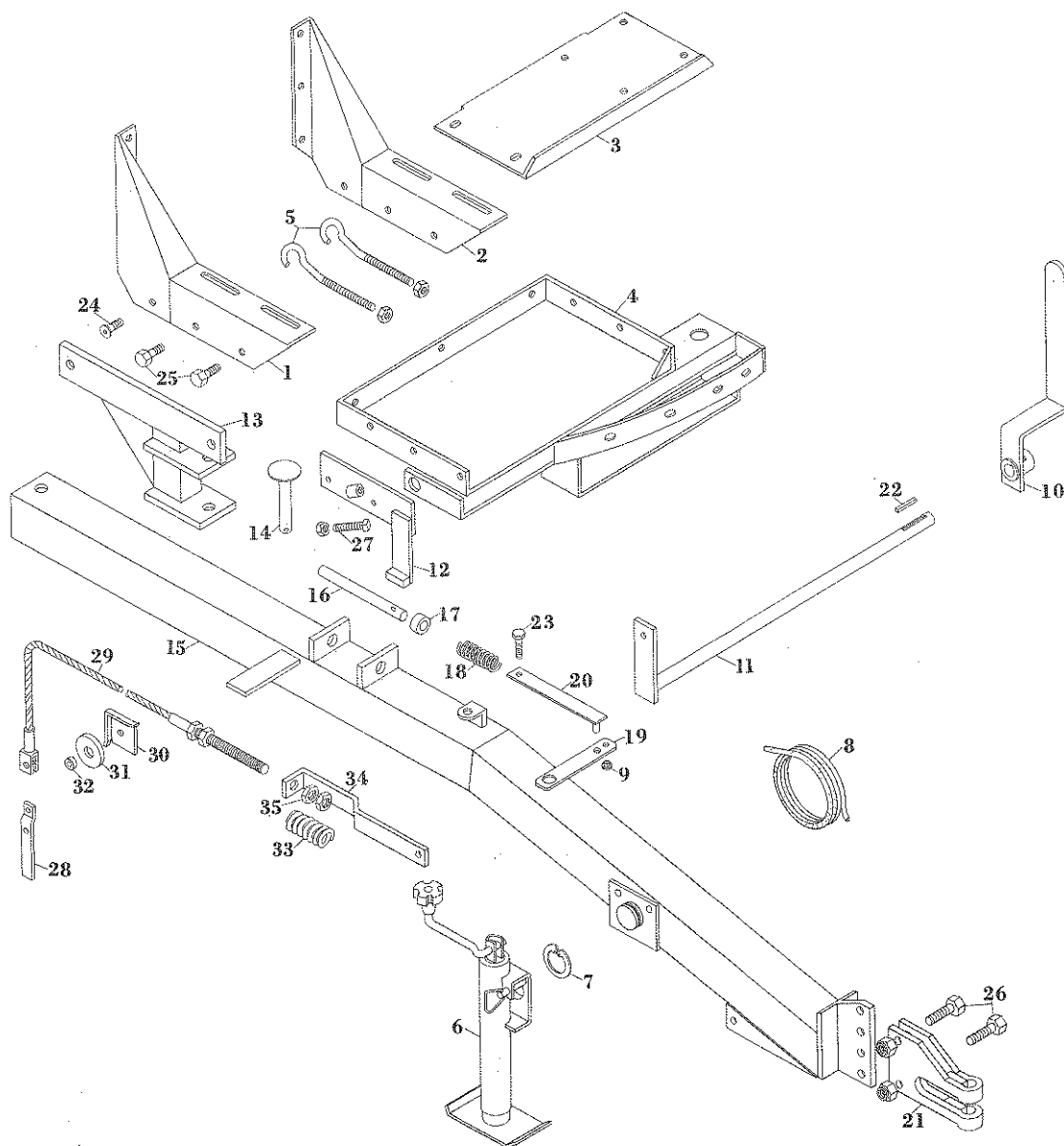
TENSION CONTROL BYPASS BOX

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 58	U-bolt
2	FT 50	Bypass box cover	19	FT 223	1/4" x 3" extra strong black nipple
3	FT 194	Bypass box	20	FT 224	3/8" x JIC female run tee, C580 5 x 6 WH
4	FT 67	Bypass lever	21	FT 225	1/4" hydraulic hose, pump to by pass, 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 222	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, 3400 x 6 WH
10	FT 210	Washer, 18 ga., 3/8" x 5/8"	27	FT 184	Bypass cylinder, 1/2" hose
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 221	1/4" hydraulic hose, bypass to ram, 24"	34		1/4" x 1/2" N.C. Cap screw
			35		3/8" pal nut
			36		1/4" N.C. nut
			37		5/16" N.C. socket set screws



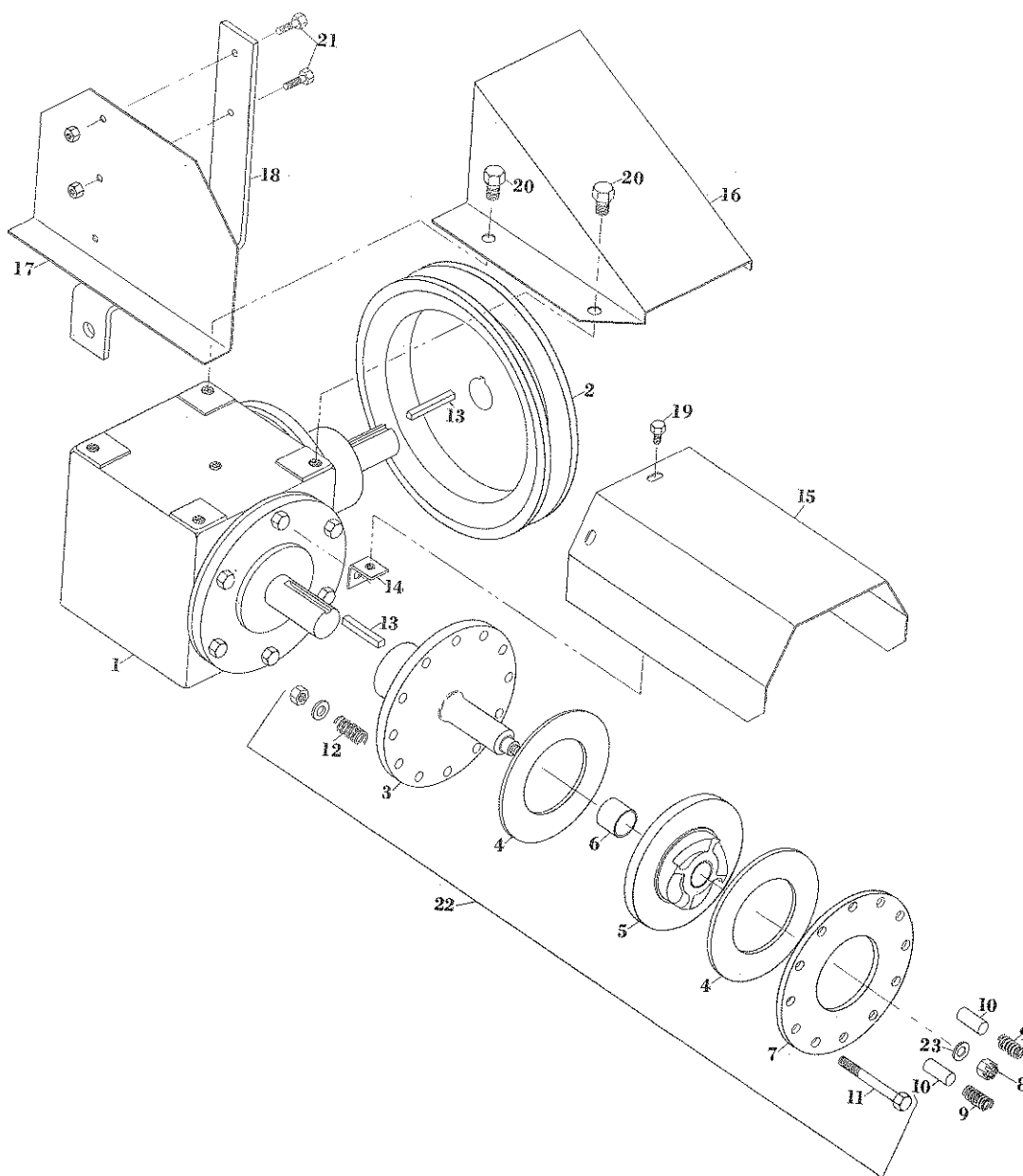
TENSION CONTROL PUMP ASSEMBLY

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 226	1/4" x 2" extra heavy black nipple
12	FT 538	Washer seal for tank cover bolts 5/16"	40	FT 227	3/8" JIC 90° Female elbow, C5455x6
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 225	Pressure hose, pump to bypass 3/8" street elbow
21	FT 508	Crankshaft bushing, inner	49		Outlet gasket
22	FT 510	Anchor pin for FT 508 bushing	50	FT 529	Washer for FT 529
23	FT 503	Crankshaft	51	FT 533	Sprocket, drive for hydraulic pump
24	FT 509	Crankshaft bushing, outer	52	FT 157	Woodruff Key, 1/4" x 3/4"
25	FT 511	Anchor pin for FT 509 bushing	53		Pump complete less tank (Ref. No's. 20 to 46 incl.)
26	FT 541	Gasket for FT 504 retaining ring	54	FT 523	
27	FT 507	Oil seal (450045)			
28	FT 504	Retaining ring			



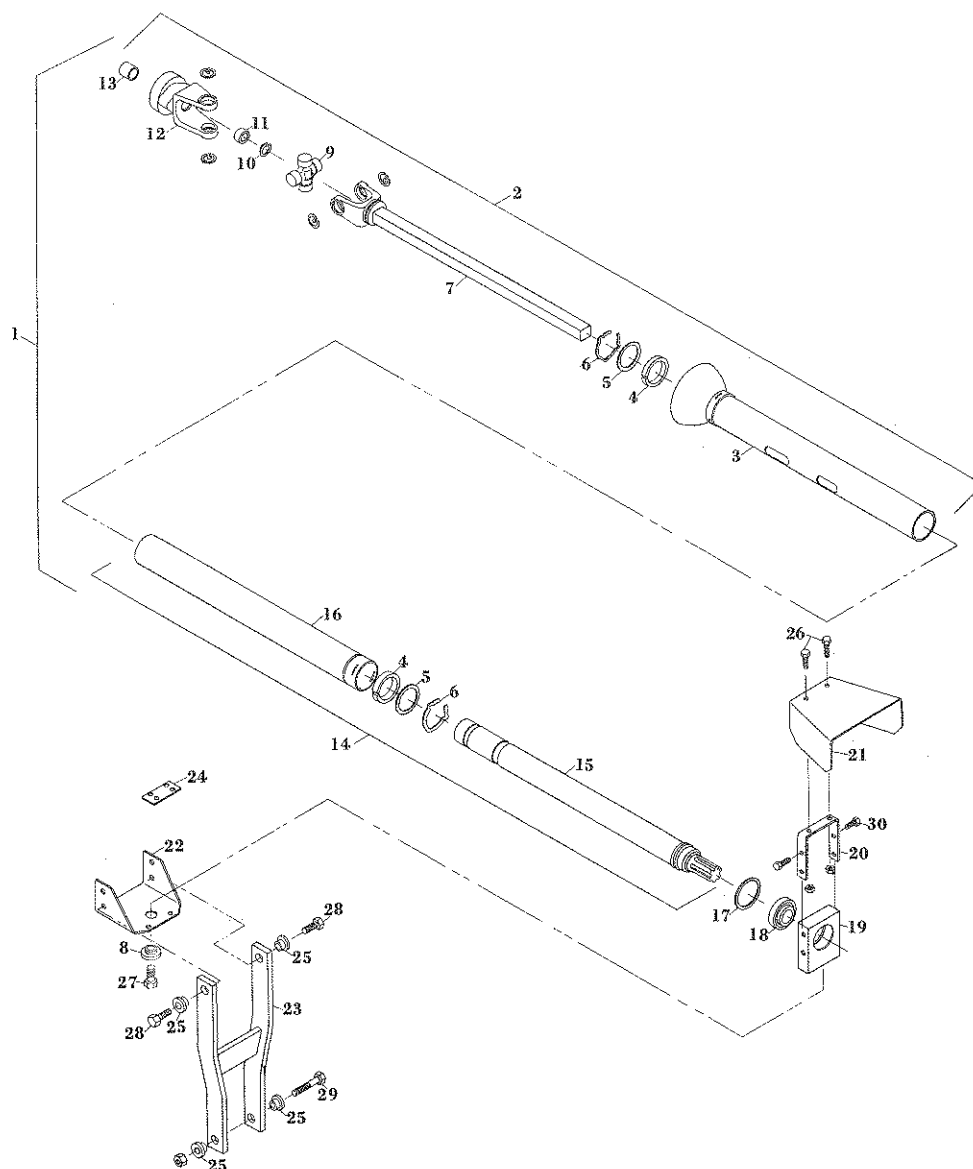
DRAWBAR AND P.T.O. MOUNT

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7848	P.T.O gear box mount, R.H.	18	F 7003	Spring, drawbar locking pin
2	F 7849	P.T.O gear box mount, L.H.	19	F 7283	Actuating lever, drawbar locking pin
3	F 7363	P.T.O gear box plate	20	F 7795	Link, drawbar locking pin
4	F 7213	Hitch base plate	21	F 183	Front end hitch
5	F 7010	Adjusting bolt, 2 used	22		1/4" x 1/4" x 2-1/2" key
6	F 1833	Front end swinging jack	23		1/2" x 2" N.C. cap screw
	F 1831	Thrust bearing	24		1/2" x 1-1/4" N.C. Button head bolt
7	F 1834	Snap ring	25		1/2" x 1-1/4" N.F. cap screw
8	F 7005	Rope, drawbar pin, 9'	26		5/8" x 2-1/2" N.C. cap screw
9	F 440	Ferrule	27		1/2" x 1-1/2" Square head set screw
10	F 7725	Pickup lift lever, P.T.O. baler	28	F 7194	Pickup lift bracket
11	F 7538	Pickup lift lever cross rod	29	F 7565	Pickup lift cable with ends
12	F 7682	Pickup lift lever stop bracket	30	F 7590	Sheave clip, pickup lift roller
13	F 7007	Pivot pin bracket	31	F 8192	Roller for pickup lift
14	F 7006	Drawbar pivot pin	32	F 8193	Bushing for F 8192 roller
15	F 1835	Draw bar for P.T.O. baler	33	F 7566	Cushion spring (pickup cable)
16	F 7002	Draw bar locking pin	34	F 7567	Cable connecting link for cushion spring
17	F 7004	Set collar for drawbar locking pin			



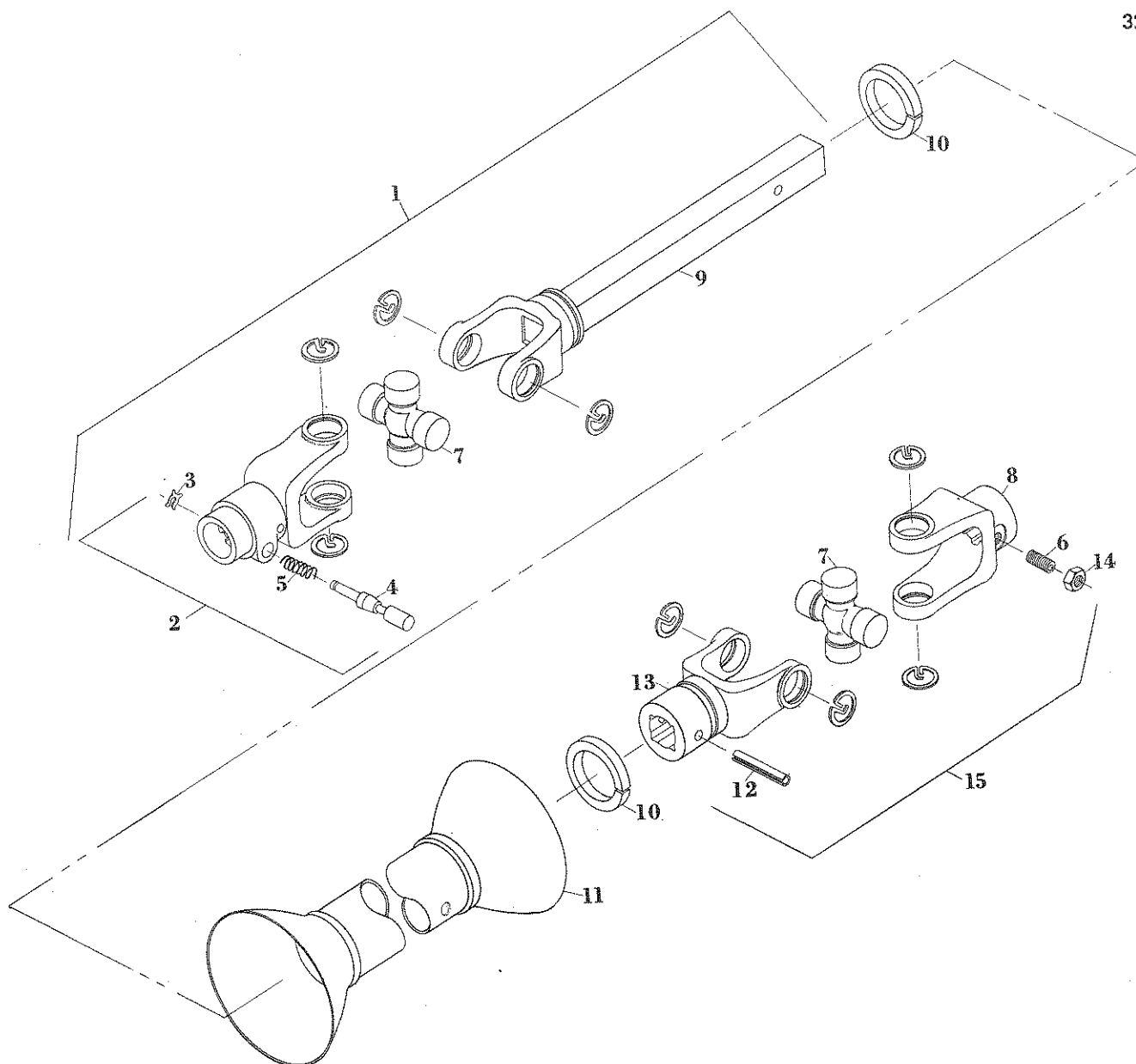
P.T.O. CLUTCH

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1412	Gear box complete, 540 rpm	12	F 1797	Spring, 12 used
	F 1780	Gear box complete, 1000 rpm	13		5/16" x 5/16" x 1-1/8" key
2	F 1798	Sheave, P.T.O., 1-3/8" bore	14	F 1800	Clip, shield, 3 used
3	F 1796	Clutch Pilot	15	F 1799	Shield, rear "U" joint
4	F 1793	Friction Disc, 2 used	16	F 1063	Shield, Sheave
5	F 1794	Clutch Plate Assembly, w/bushing	17	F 1221	Shield, P.T.O. Flywheel
6	F 1795	Bushing	18	F 1222	Bracket for F 1221 Shield
7	F 1792	Clutch Plate	19		1/4" x 3/4" N.C. cap screw, 3 used
8		1/2" N.C. slotted nut	20		1/2" x 1" N.C. cap screw, 2 used
9	F 1790	Spring, 2 used	21		1/4" x 3/4" Round head machine screw, 2 used
10	F 1791	Clutch pin, 2 used	22	F 8178	P.T.O. Clutch assembly
11		3/8" x 3-1/4" Hex head cap screw, 12 used	23		1/2" flat washer



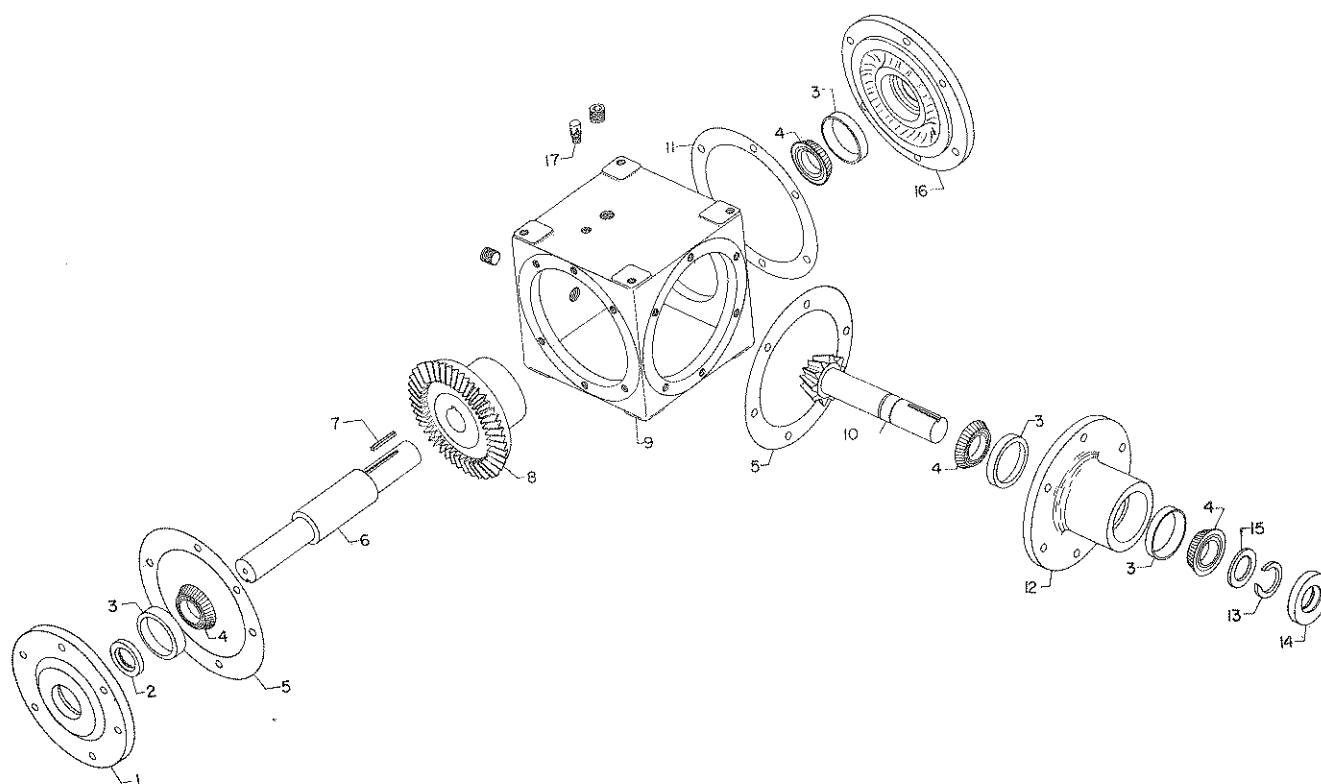
P.T.O. REAR DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1802	Telescoping driveline complete, 922-18-39117	15	F 1821	Tube & stub shaft assembly
2	F 1813	Telescoping driveline, rear half	16	F 1822	Outer shield tube
3	F 1814	Bell and inner shield tube	17	F 1806	Retaining ring, RR287 Spirolox
4	F 892	Nylon bushing, 2 used	18	F 1807	Ball bearing, 207KRR Fafnir
5	F 891	Thrust washer, 2 used	19	F 1808	Pedestal bearing housing
6	F 1728	Shield snap ring, 2 used	20	F 1805	Shield bracket, front universal joint
7	F 1815	Yoke and shaft assembly	21	F 1804	Shield, front universal joint
8	F 1801	Swivel bushing Pedestal bearing	22	F 1809	Pedestal bearing bracket
9	F 889	Universal cross repair kit	23	F 1810	Bearing pedestal
10	F 1816	Bearing retainer ring, N 5000-137	24	F 1803	Adaptor, shield
11	F 1817	Ball bearing, flange yoke, 9103 PP Fafnir	25	F 1811	Pedestal tilt bushing, 4 used
12	F 1818	Flange yoke	26		1/4" x 3/4" N.C. cap screw, 2 used
13	F 1819	Bushing, flange yoke	27		5/8" x 1-1/2" N.C. cap screw
14	F 1820	Telescoping drive line, front half	28		1/2" x 1-1/2" N.C. cap screw, 2 used
			29		1/2" x 2" N.C.H.T. cap screw, 2 used
			30		5/16" x 3/4" N.C. cap screw, 4 used



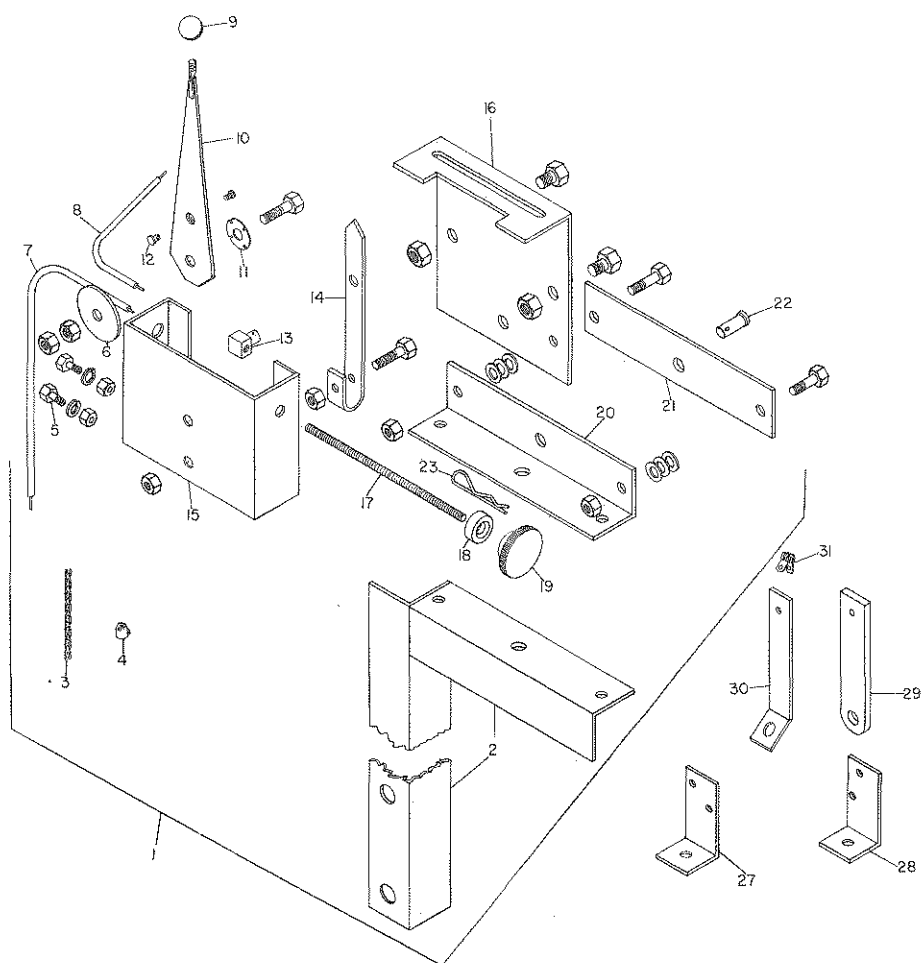
P.T.O. FRONT DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION
1	F 1812	P.T.O. driveline assembly, front, 922-17-20179
	F 8180	P.T.O. driveline assembly, front 1000 rpm.
2	F 890	Yoke assembly, QD, 1-3/8" - 6 spline, w/lock pin
	F 8181	Yoke assembly, QD 1-3/8" - 21 involute spline w/lock pin 1000 rpm.
3	F 1107	Lock pin washer
4	F 1106	Lock pin
5	F 1108	Spring lock pin
6	F 1828	Set screw, 1/2" x 1-1/4" NF Hex Socket
7	F 889	Universal cross repair kit
8	F 1823	Yoke, 1-3/8" - 6 spline
9	F 1824	Yoke & shaft assembly
10	F 1827	Nylon Bushing, 2 used
11	F 1825	Yoke & Bell Assembly
12		Roll pin, 3/8" x 2"
13	F 1826	Yoke, 1-3/16" square
14		1/2" N.F. jam nut
15	F 8179	Universal joint assembly



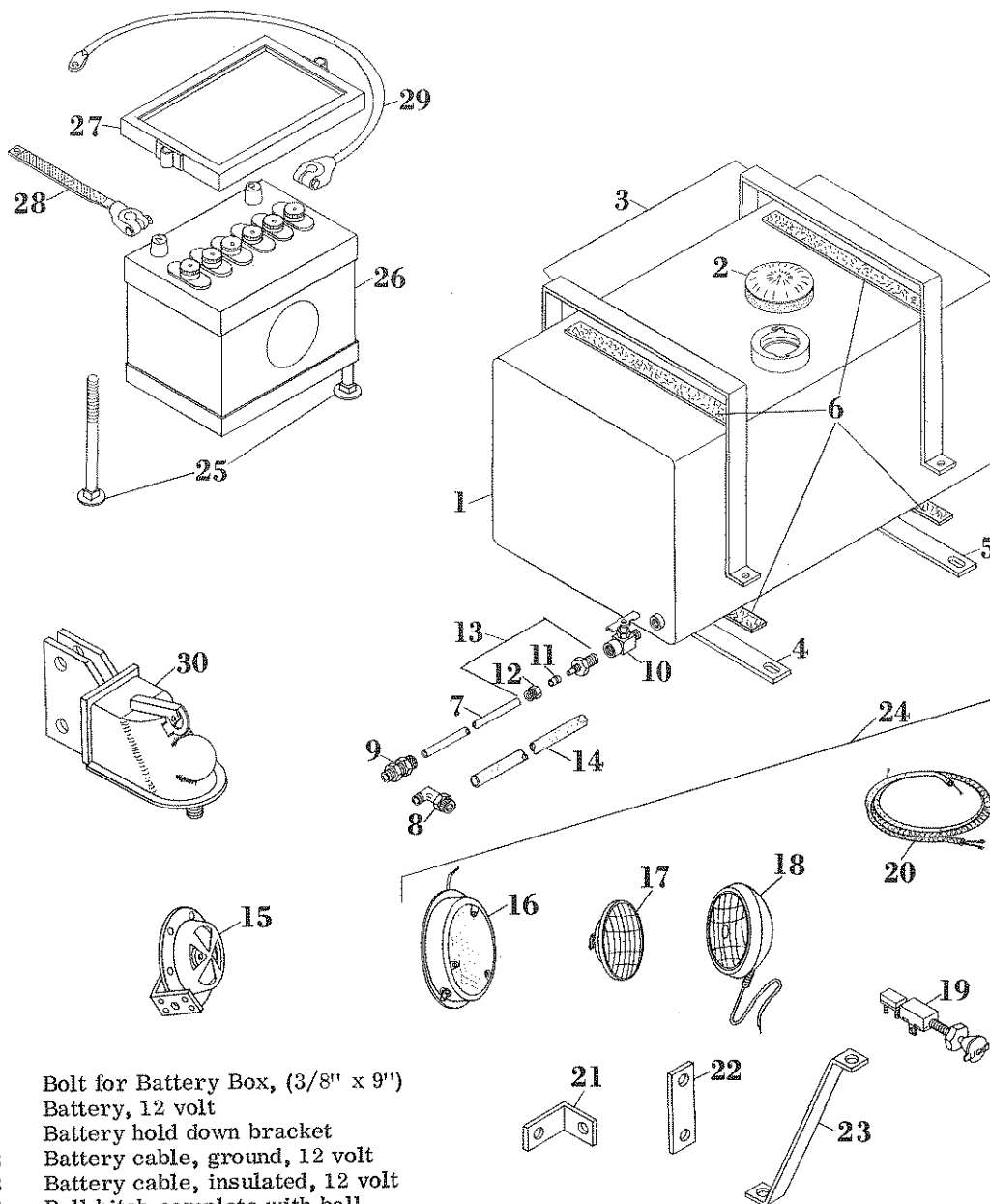
P.T.O. GEAR BOX

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



THROTTLE AND TENSION CONTROL STAND

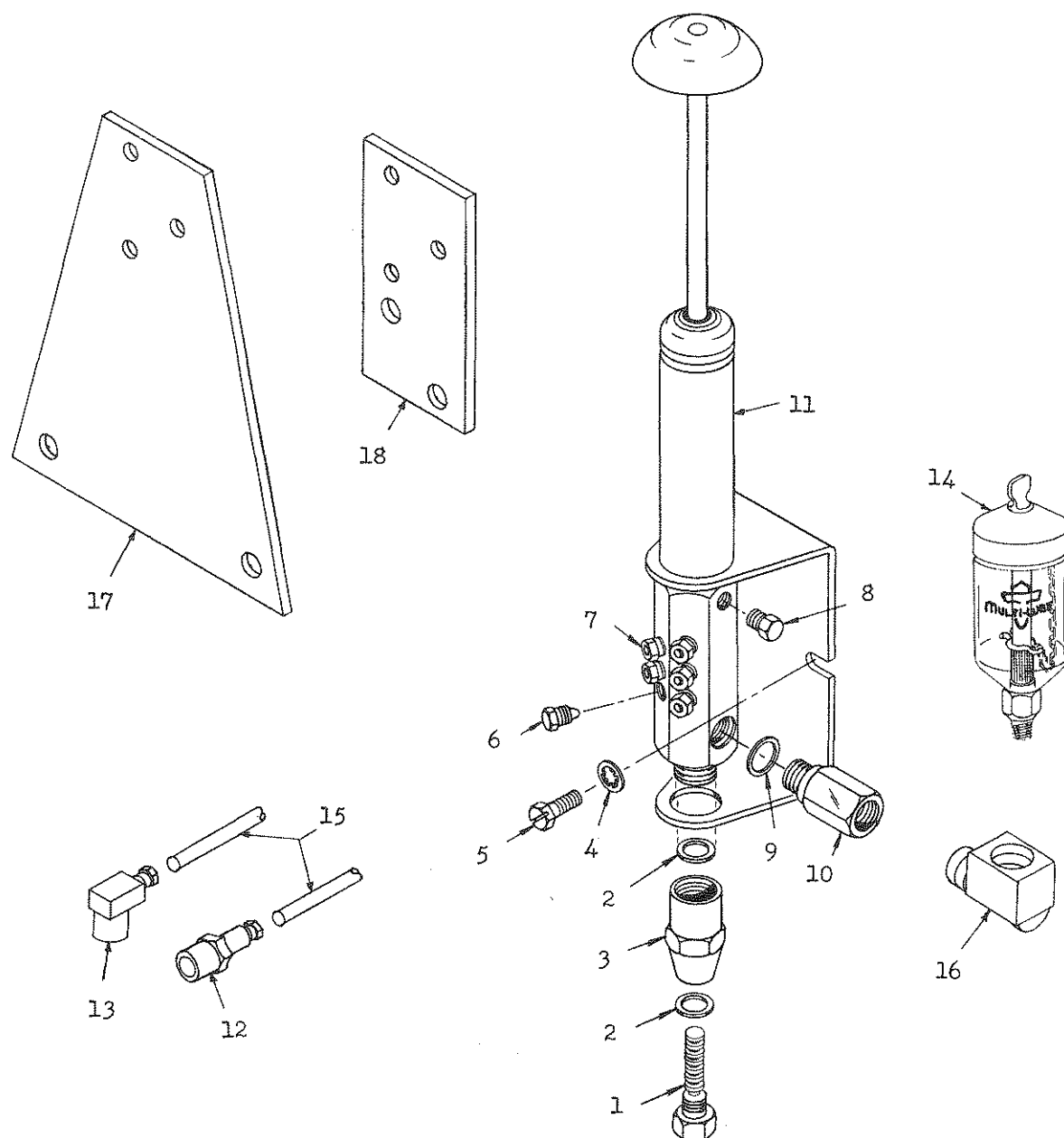
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1025	Control box complete, baler mounted	8	F 1129	Cable complete for throttle control, 12 feet
	F 1026	Control box complete, tractor mounted		F 1011	Conduit, throttle control, 12 feet
	F 1451	Control box complete less cable and standard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



25	F 1691	Bolt for Battery Box, (3/8" x 9")
26	F 1499	Battery, 12 volt
27	F 5499	Battery hold down bracket
28	F 7742	Battery cable, ground, 12 volt
29	F 7743	Battery cable, insulated, 12 volt
30	F 1736	Ball hitch complete with ball
	F 8067	Hitch ball for F 1736

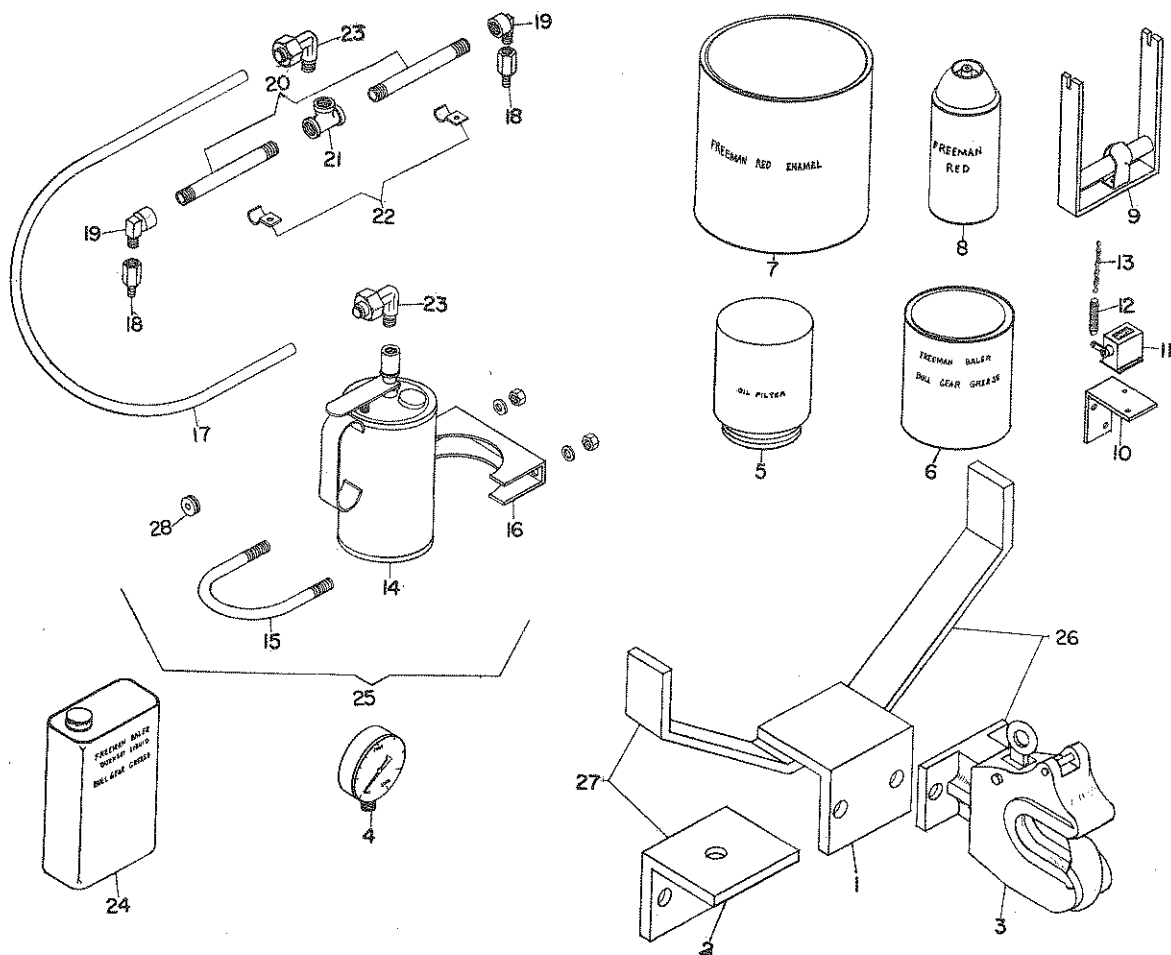
FUEL TANK, BATTERY AND LIGHTS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1688	Fuel tank with cap	16	F 1505	Light, flush mounted, 12 volt
2	F 1689	Fuel tank cap for F 1688 and F 5947 tanks	17	F 5842	Sealed beam unit, 12 volt
3	F 7046	Fuel tank strap, 2 used		F 5941	Sealed beam unit, 12 volt, comb. red & clear
4	F 8188	Fuel tank mounting bracket, front	18	F 8059	Light, front and center, 12 volt, Shock mounted
5	F 8164	Fuel tank mounting bracket, rear		F 8060	Light, rear combination, 12 volt, Shock mounted
6	F 893	Felt for tank straps - (set of four)	19	F 862	Switch for light kit
7	F 7049	Fuel line 68"	20	F 1777	Wiring harness for F 1667 light kit
8	F 5233	Elbow fitting for gas line, 269P-1/4" x 1/8"	21	F 8061	Mounting bracket, front light
9	F 5232	Straight fitting for gas line (268P-1/4" x 1/8")	22	F 8062	Mounting bracket, rear light
10	F 8189	Shut off valve 6825 WH	23	F 7228	Mounting bracket, center light
11	F 6126	Poly - sleeve, 260-P	24	F 8063	Light Kit, 12 volt with 2 - F 8059
12	F 6127	Nut & sleeve assembly, 261-P			1 - F 8060, 1 - F 1505, 1 - F 862,
13	F 8190	Straight male connector, 268-P 1/4" x 1/4"			1 - F 8061, 1 - F 8062, 1 - F 7228,
14	F 8191	Fuel line cover			1 - F 1777
15	F 1497	Horn, wire alarm, 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 1699	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.)		F 7729	Spring for pump
5	F 1511	Oil filter cartridge 4 thread base (VH4D and VG4D)	15	F 7721	U bolt, grease can
	F 5922	Oil filter cartridge (V461D)	16	F 7722	Grease can clamp base
6	F 664	Bullgear grease (2 lb. can)	17	F 7673	Nylon tubing, pull-type baler 20"
	F 874	Bullgear grease (1 gal.) 10 lbs.	18	F 777	Adapter, 2 used (51942)
7	F 649	Freeman red baler paint (1 gal.)	19	F 7677	90° brass elbow (2 used)
	F 942	Freeman red baler paint (1 qt.)	20	F 7727	1/4" x 5" pipe nipple (2 used)
	F 1675	Freeman white baler paint (1 gal.)			22" bale chamber
	F 1676	Freeman white baler paint (1 qt.)	21	FT 74	1/4" pipe tee
8	F 770	Freeman red baler paint, spray can	22	F 7723	Clip for grease nipple (125 jiffy)
	F 1677	Freeman white baler paint, spray can	23	F 7676	90° nylon elbow 2 used
9	F 4193	Wire splicer	24	F 7609	Quickset lubricant 1 qt.
10	F 7391	Bale counter mounting angle		F 7626	Quickset lubricant 1 gal.
11	F 304	Bale counter (Veeder Root)	25	F 7617	Bullgear luber kit
	F 635	Arm w/screw for F 304	26	F 734	Trailer hitch frame with Holland hitch
	F 636	Reset knob for F 304	27	F 735	Trailer hitch frame with pin hitch
			28	F 7735	Grommet