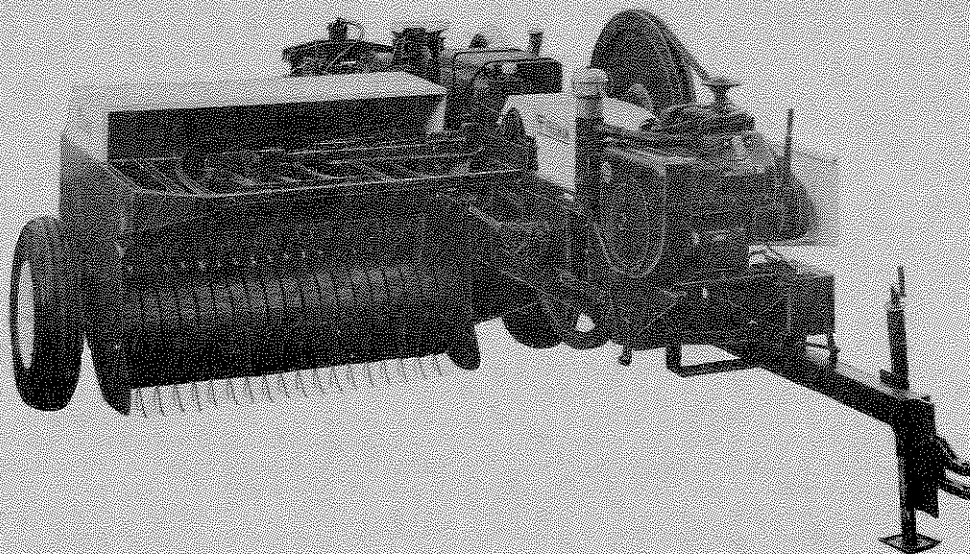


Freeman Automatic Pick-up Baler 1972 PARTS LIST

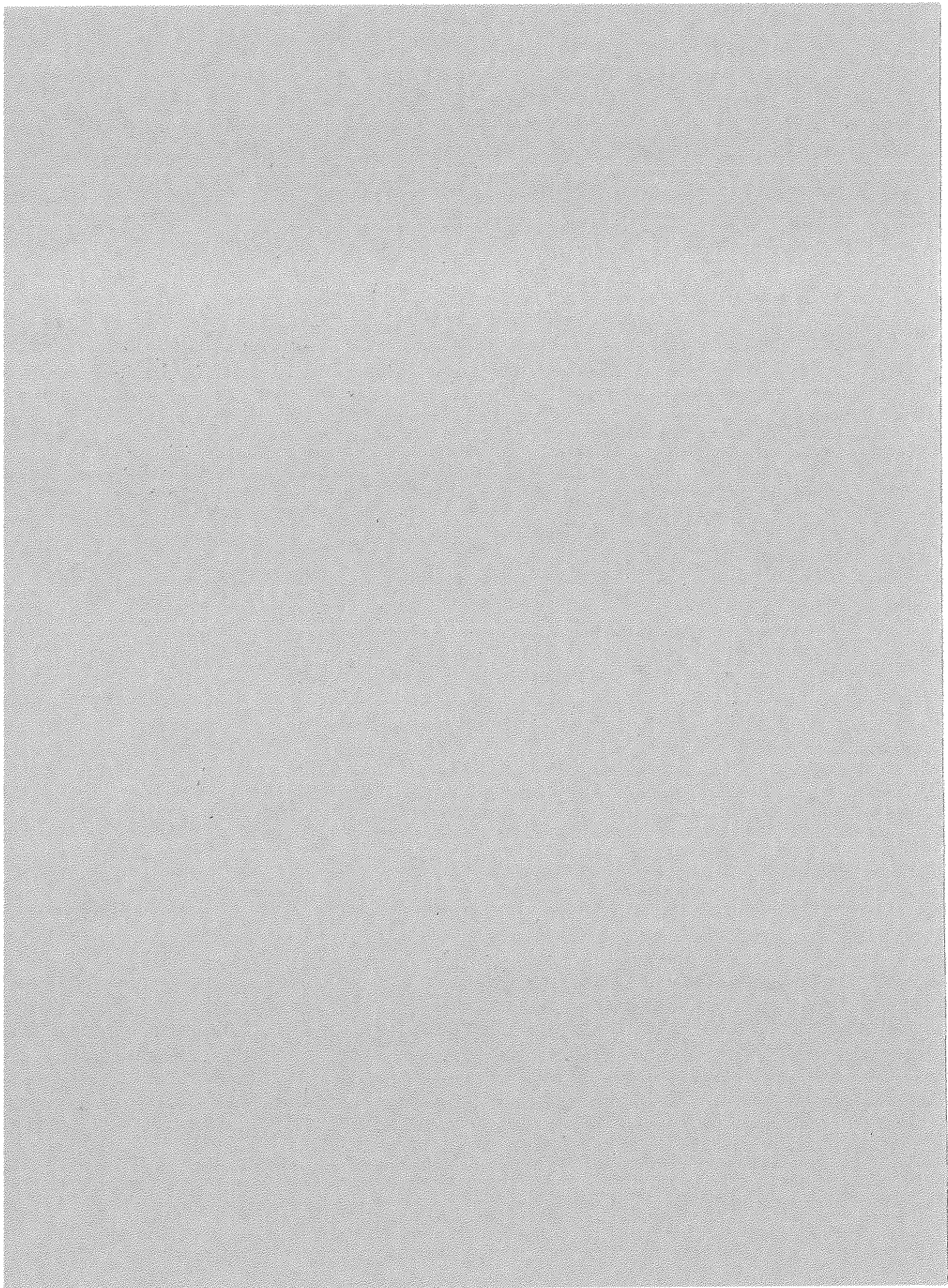


**PULL TYPE
Model 100**

manufactured and distributed by

J. A. FREEMAN & SON, INC.

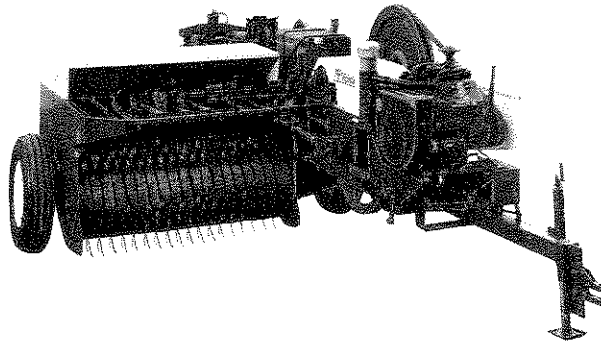
PORTLAND, OREGON



PARTS LIST

for

PULL TYPE Model 100



POLICY

1. It is the policy of J. A. Freeman & Son to constantly improve its products whenever it is practical to do so.
2. J. A. Freeman & Son 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 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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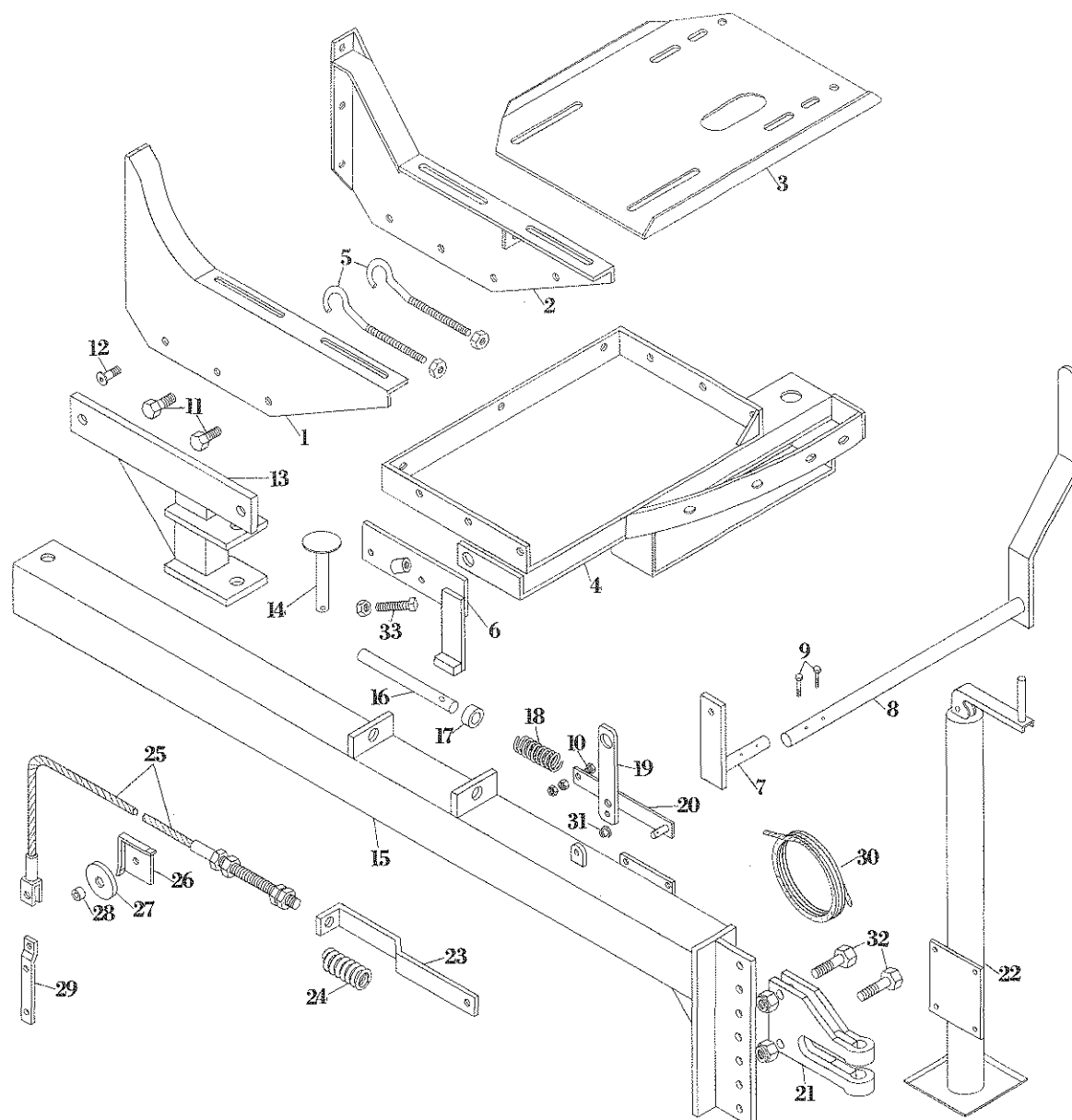
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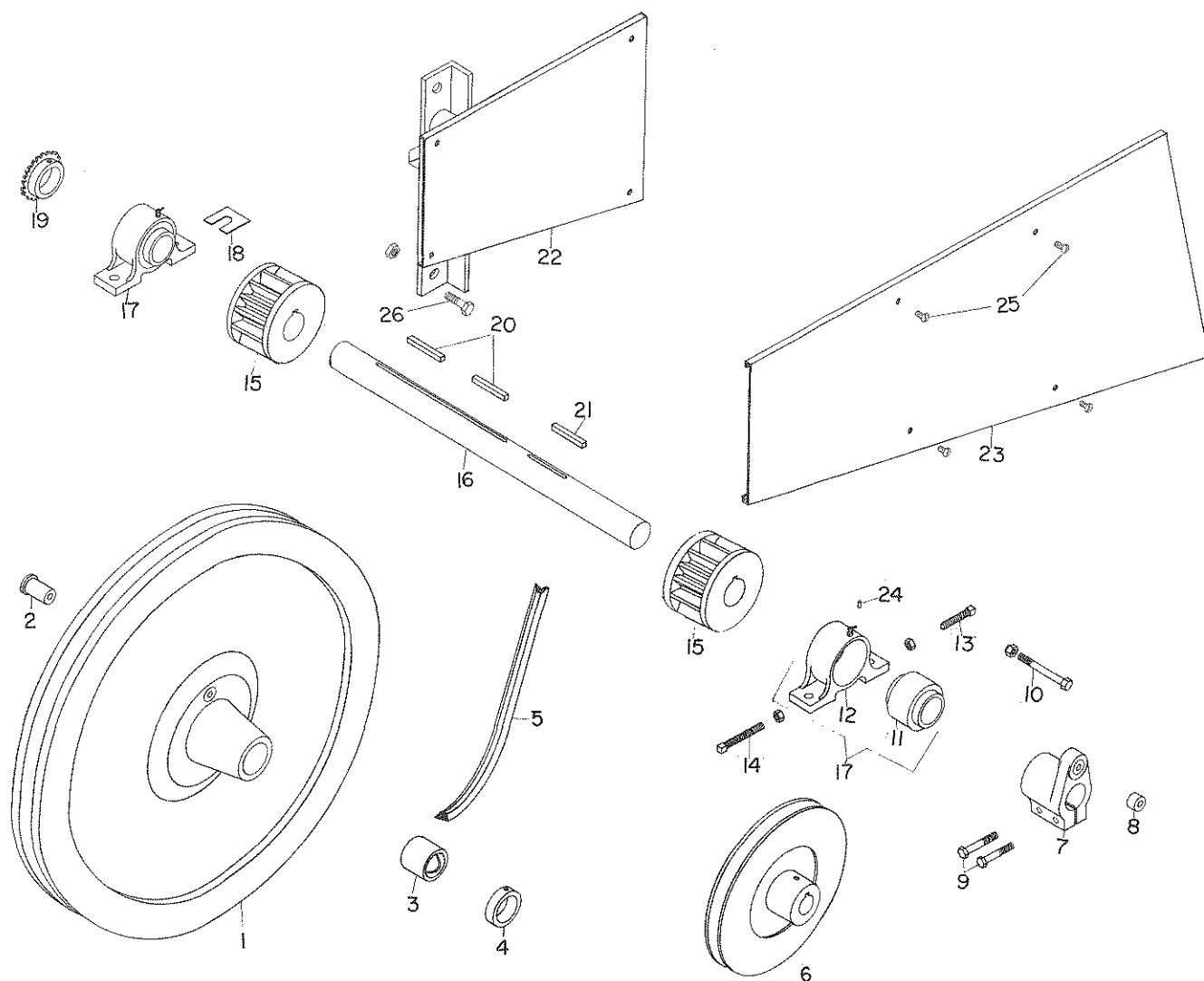
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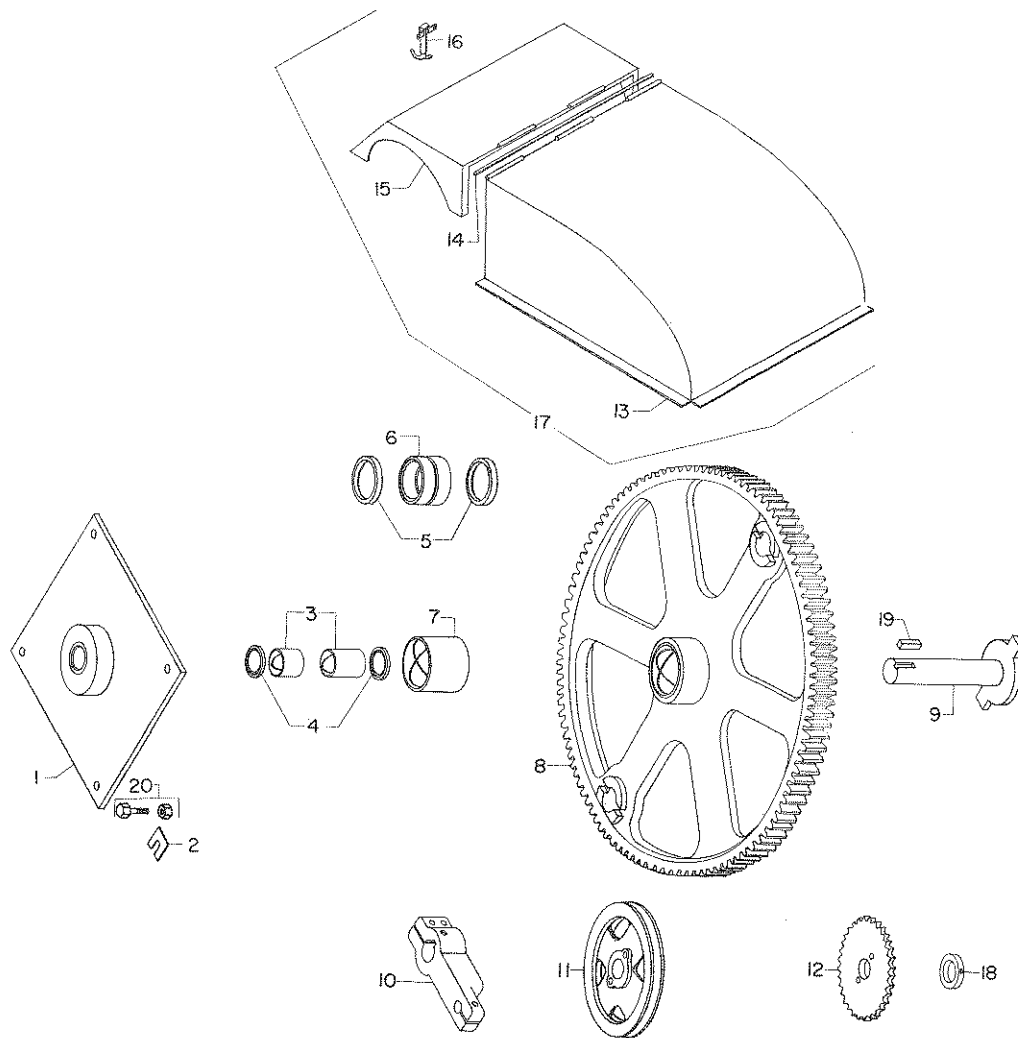
DRAWBAR AND ENGINE MOUNT

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7847	Engine mount, R.H.	18	F 7003	Spring, drawbar locking pin
2	F 7800	Engine mount, L.H.	19	F 7283	Actuating lever, drawbar locking pin
3	F 7707	Engine base plate for VG4D and V461D engine	20	F 7795	Link, drawbar locking pin
	F 7279	Engine base plate for VH4D engine	21	F 183	Front end hitch
4	F 7280	Hitch base plate	22	F 7430	Front end jack complete for engine balers
5	F 7010	Engine adjusting bolt (2 Used)		F 878	Jack handle assembly
6	F 7682	Pickup lift lever stop bracket		F 1605	Ram only for jack
7	F 7681	Pickup lift crank		F 1607	Thrust bearing for jack
8	F 7281	Pickup lift lever		F 7567	Cable connecting link for cushion spring
9		1/4" x 1-1/4" NC Cap Screw	23		
10		1/2" x 2" N.C. Cap Screw	24	F 7566	Cushion spring (pickup cable)
11		1/2" x 1-1/4" N.F. Cap Screw	25	F 7565	Pickup lift cable with ends
12		1/2" x 1-1/4" Button head bolt	26	F 7590	Sheave clip, pickup lift roller
13	F 7007	Pivot pin bracket	27	F 7591	Roller for pickup lift
14	F 7006	Drawbar pivot pin	28	F 7592	Bushing for F 7591 roller
15	F 7001	Drawbar for engine baler	29	F 7194	Pickup lift bracket
16	F 7002	Drawbar locking pin	30	F 7005	Rope, drawbar pin, 9'
17	F 7004	Set collar, drawbar locking pin	31	F 440	Ferrule for F 7283 lever
			32		5/8" x 2-1/2" N.C. Cap Screw
			33		1/2" x 1-1/2" Square head set screw



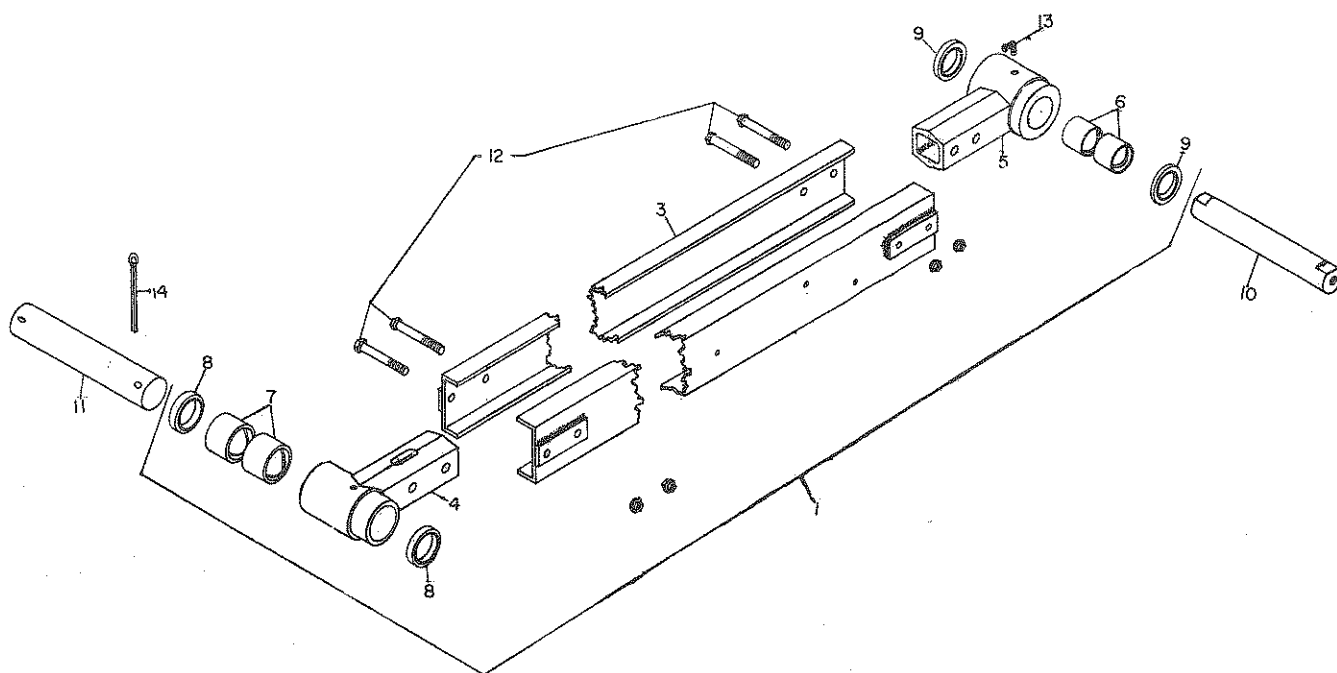
FLYWHEEL AND PINION SHAFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7704	Flywheel with bushings, motor drive	12	F 765	Bearing cage for F 34 bearing
	F 1613	Flywheel with bushings, PTO drive	13	F 498	Set screw for F 34 bearings, rear, 1/2" x 2", 2 used
2	F 1614	Shear bushing in flywheel, flanged	14	F 73	Set screw for F 34 bearings, front, 1/2" x 4", 2 used
3	F 886	Bushing for F 7704 and F 1613 flywheel	15	F 7286	Pinion gear, 14 tooth
4	F 221	Set collar, pinion shaft, 2-1/8"	16	F 7285	Pinion shaft
5	F 7000	Drive belt, D-165, for VG4D and V461D engine	17	F 34	Bearing complete for pinion shaft, 2 used
	F 7337	Drive belt, D-162, for PTO and VH4D engine	18	F 967	Shim for F34 bearing, 16 ga.
6	F 7014	Motor pulley, 10" OD for VG4D, 1-7/16" bore		F 967A	Shim for F34 bearing, 20 ga.
	F 7241	Motor pulley, 8" OD for VH4D, 1-7/16" bore		F 967B	Shim for F34 bearing, 10 ga.
	F 7699	Motor pulley, 10" OD for V461D, 1-3/4" bore	19	FT 157	Sprocket, drive for hydraulic pump
7	F 817	Shear hub for flywheel	20	F 7488	Tapered key for pinions, 3-1/2" 2 used
8	F 1132	Shear bushing in flywheel shear hubs	21	F 72	Key for shear hub, 1/2" x 1/2" x 3-1/2"
9		1/2" x 3-1/4" heat treated cap screws with lock nuts	22	F 7737	Bracket, drive belt shield with battery box
10	F 7015	Shear bolt, 1/2" x 5" N.C. grade 2 bright cap screw	23	F 7016	Drive belt shield
11	F 698	Bearing insert for F 765 cage	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



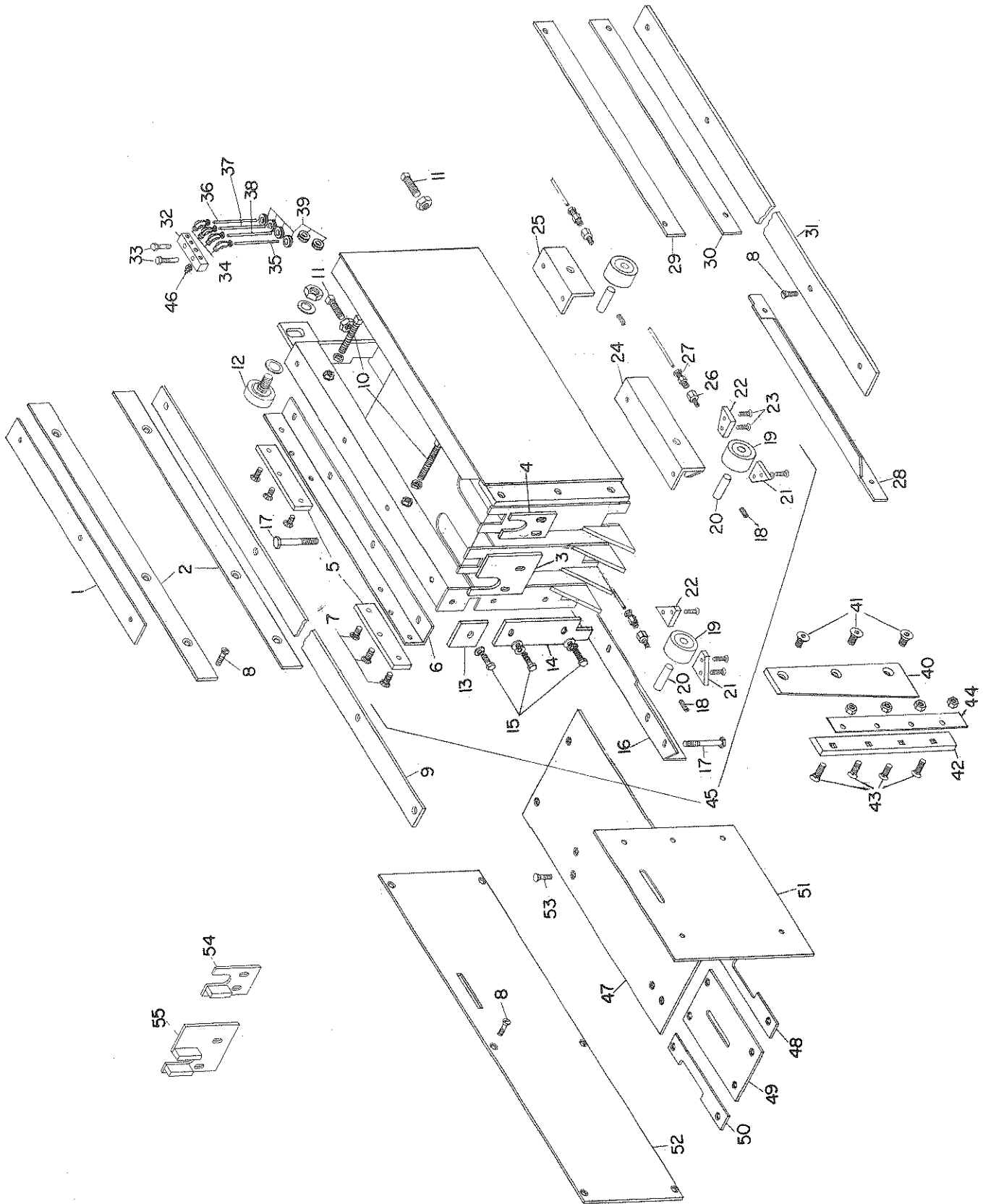
BULLGEAR ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 38	Bullgear flange bearing, L.H., 1-11/16", w/F252 bushing	8	F 30	Bullgear w/F 250 bushing
	F 811	Bullgear flange bearing, R.H., 2", w/F810 bushing		F 968	Bullgear w/F 970 bearing
	F 966	Bullgear flange bearing, L.H., 1-11/16", for F 970 bearing	9	F 223	Knotter drive shaft, 1-11/16", L.H.
	F 965	Bullgear flange bearing, R.H., 2", for F 970 bearing		F 812	Feed arm drive shaft, 2", R.H.
2	F 1267	Shim for aligning side plates	10	F 1370	Crank Arm
3	F 252	Bullgear flange bushing, PR. used for F 38	11	F 9A	Pickup drive sheave
	F 810	Bullgear flange bushing, PR. used for F 811	12	F 753	Sprocket, knotter drive (#60-32T)
4	F 948	Seal for F 811 NAT. 40401 2 used	13	F 7628	Bullgear shield less access door
5	F 969	Seal for F 968 NAT. 55088, C/R-30089	14	F 7630	Bullgear shield hinge pin
6	F 970	Bearing for F 968 RD24	15	F 7632	Bullgear shield access door
7	F 250	Bullgear bronze bushing for F 30 bullgear, 2 used	16	F 853	Catch for bullgear shield
			17	F 7549	Bullgear shield complete with door
			18	F 438	Set collar, 1-11/16" knotter drive shaft
			19	F 225	Key, knotter drive shaft, 1/2" x 1/2" x 2"
				F 226	Key, feed arm drive shaft, 1/2" x 1/2" x 2-1/2"
			20		Bolt for side plate, 1/2" x 1-3/4" N.C. cap screw with fibre lock nut



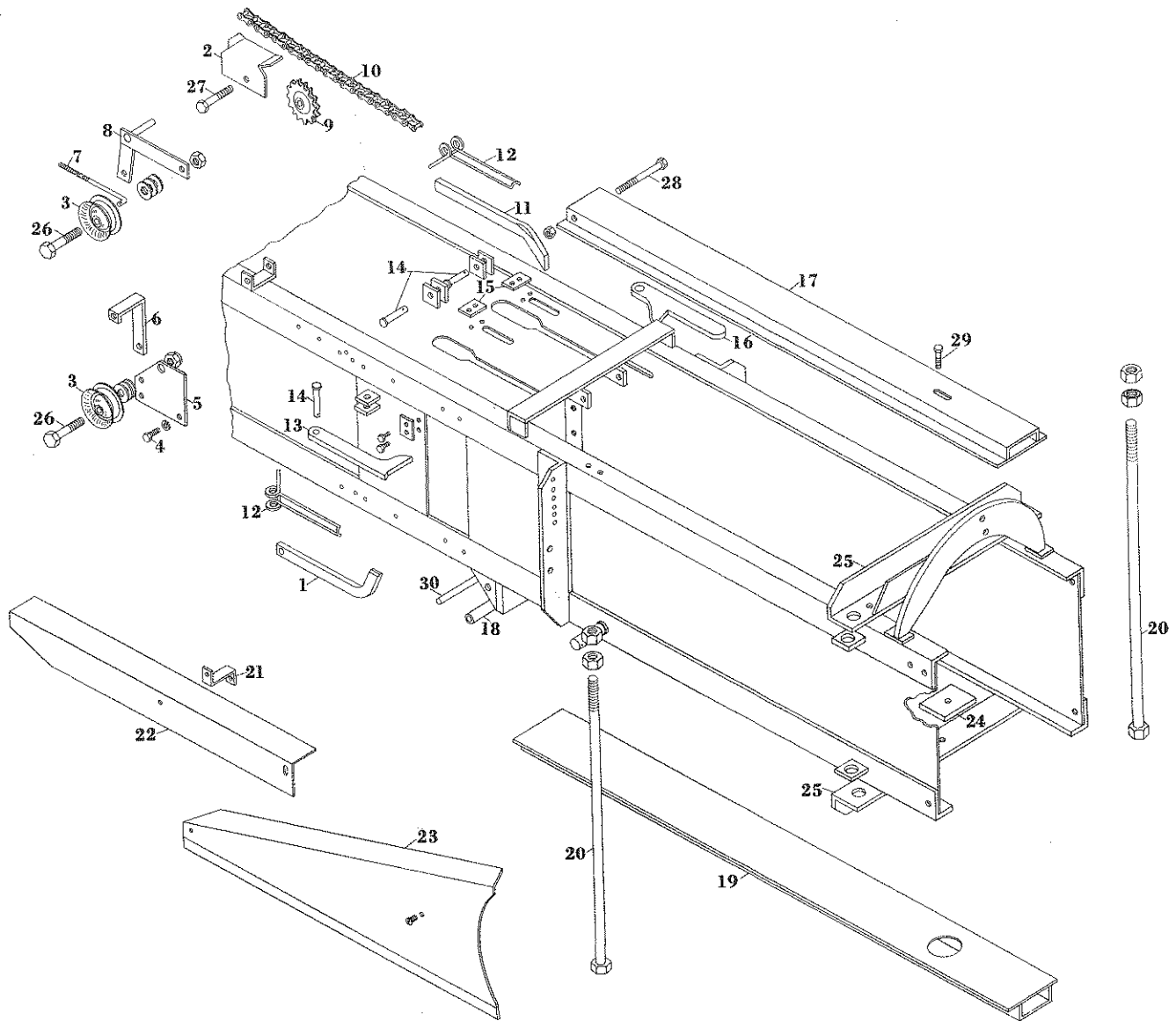
PLUNGER CONNECTING ROD ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1695	Conn. rod complete with heads	8	F 1530	Grease seal for F 1520, 1-15/16," #50409
2	F 7593	Conn. rod channel, L.H.	9	F 1529	Grease seal for F 1521, 1-11/16", #471812
3	F 7042	Conn. rod channel, R.H.	10	F 7708	Plunger pin
4	F 1520	Conn. rod head with bushings and seals, gear end	11	F 46	Crank pin, gear end
5	F 1521	Conn. rod head with bushings and seals, plunger end	12		5/8" x 4-1/2" NF HT cap screw
6	F 1526	Bushing for F 1521 head, plunger end	13		1/8" P.T. grease fitting
7	F 1525	Bushing for F 1520 head, gear end	14	F 55	Key for crank pin, 2 used
				F 7611	Conn. rod ends greasing kit
				F 7543	Spring loaded grease cup



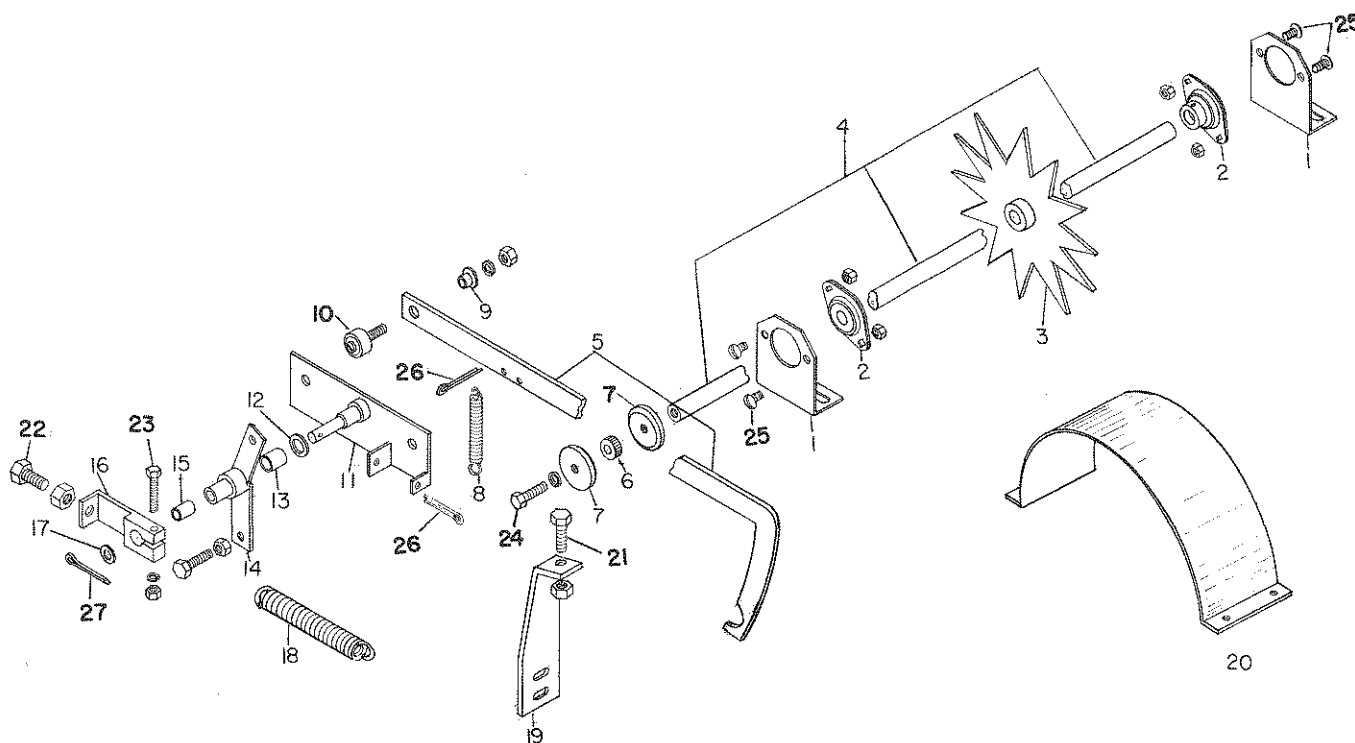
PLUNGER ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7837	Plunger roller rail, top L.H.	24	F 773	Roller mounting angle, R.H. Rear
2	F 1741	Plunger guide rail, top	25	F 772	Roller mounting angle, R.H. front
	F 1742	Plunger guide rail, bottom	26	F 777	Adapter for grease tube, 4 used
3	F 8118	Adjusting pad for plunger face, center, wire	27	F 778	Connector for grease tube, 4 used
4	F 8119	Adjusting pad for plunger face, R.H., wire	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	Gronnmet, 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 8082	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 8115	Plunger complete, less knife
21	F 986	Wiper, rear, 2 used	47	F 7808	1/8" P.T. grease fitting
22	F 774	Wiper, front, 2 used	48	F 7809	Bale chamber bottom,
23		1/4" x 3/4" F.H. machine screw, 8 used			Liner extension for bale chamber bottom, R.H., bottom, center
			49	F 7810	Liner extension for bale chamber bottom, L.H.
			50	F 7811	Liner extension for bale chamber bottom, L.H.
			51	F 7220	Liner for bale chamber side, R.H.
			52	F 1740	Liner for bale chamber, L.H., 3/8" x 1-1/4" #3 Plow bolt
			53		3/8" x 1-1/2" #3 Plow bolt
			54	F 8116	Adjusting pad for plunger face, R.H., twine
			55	F 8117	Adjusting pad for plunger face, center, twine



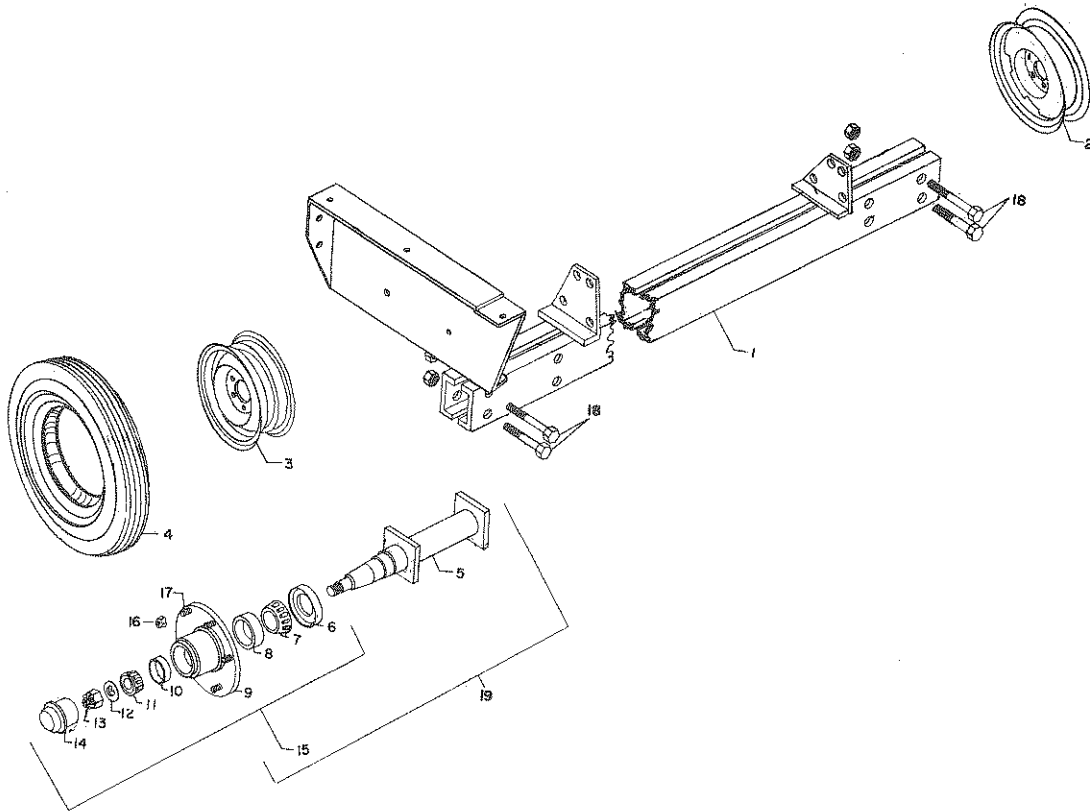
BALE CHAMBER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 8089	Hay dog, bottom	14	F 220	Pin, hay dog
2	F 8112	Chain hold down	15	F 1589	Rubber pad for hay dogs, with 2 self-tapping screws
3	F 883	Tightener and idler pulley for knotter drive chain	16	F 7563	Hay dog, R.H.
4		3/8" x 3/4" NC cap screw	17	F 1590	Top tension rail
5	F 7913	Idler roller mounting plate	18	F 8105	Bottom twine guide pipe
6	F 1581	Bracket for knotter drive chain shield	19	F 7294	Bottom tension rail
7	F 7670	Chain tightener adjusting bolt	20	F 600	Tension bolt
8	F 841	Tightener, bracket, knotter drive chain	21	F 7798	Front knotter chain shield bracket
9	F 7397	Sprocket, 1/2" bore, for chain divider, 2 used	22	F 7797	Front knotter chain shield
10	F 1392	Knotter drive chain, twine only, 238P-60	23	F 7056	Shield, knotter drive chain
	F 7055	Knotter drive chain, wire only, 239P-60	24	F 1662	Spacer shim
	F 759	Offset link, RC 60	25	F 1707	Top and bottom tension angles
	F 760	Connecting link, RC 60	26		1/2" x 2-1/4" NC cap screw w/nut for chain idler pulleys
	F 761	Roller link, RC 60	27		1/2" x 2-3/4" NC cap screw for idler sprockets
11	F 837	Hay dog, top	28		1/2" x 5-1/2" NC cap screw, top and bottom tension rail
12	F 188	Hay dog spring	29		3/8" x 1-1/4" NC cap screw, top tension rail
13	F 7562	Hay dog, L.H.	30	F 8104	Bottom twine guide rod



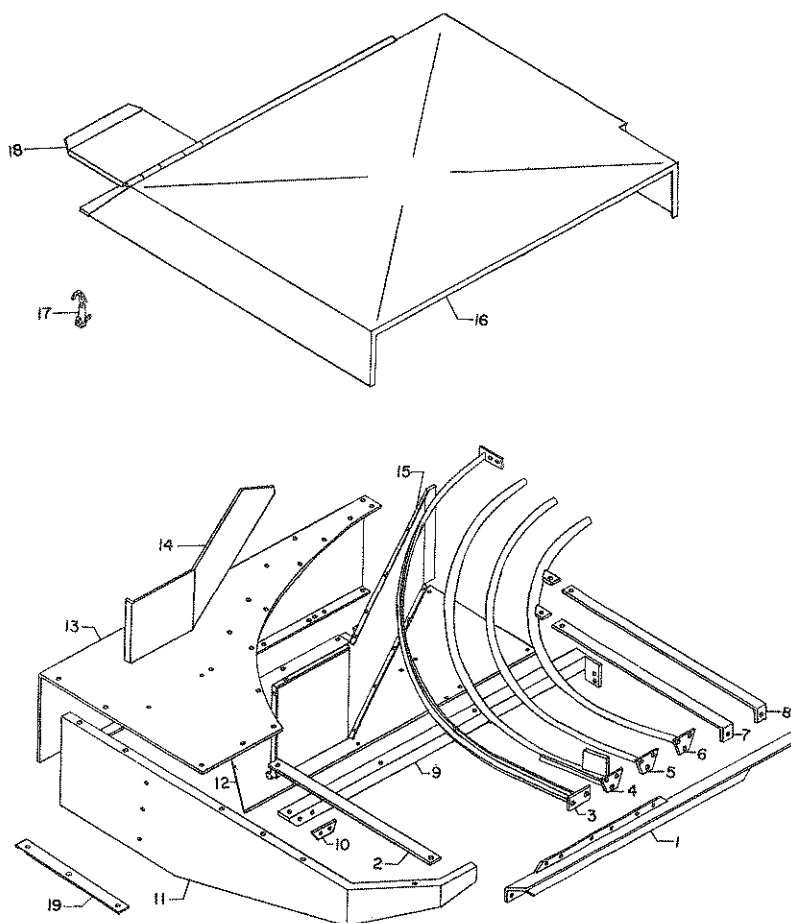
KNOTTER TRIP ASSEMBLY

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			



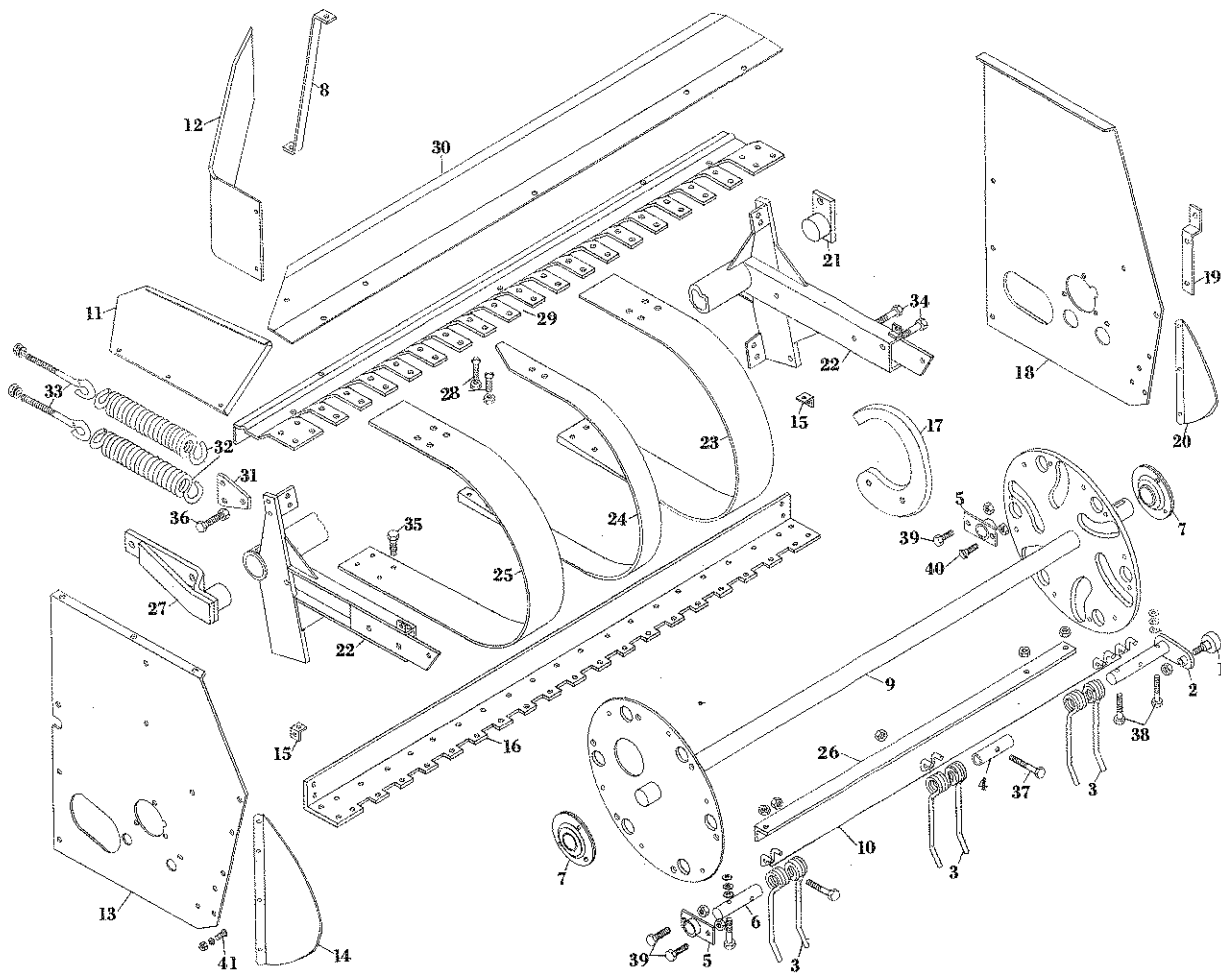
CHANNEL AXLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1718	Channel axle	9	F 1624	Hub w/cups for F 211 and F 944 wheels
2	F 944	Wheel, flat base for F 1624 hub		F 321	Hub w/cups for F 322 dual wheel #82165
	F 322	Wheel, flat base for F 321 dual wheel hub	10	F 1654	Outer cup for F 1624 hub #L 44610
	F 731	Dual wheel with tire, tube, and flap, mounted		F 1383	Outer cup for F 321 dual wheel hub #3320
3	F 211	Wheel, drop center for F 1624 hub	11	F 1626	Outer wheel bearing for F 1624 hub #L 44640
4	F 212	Tire, 7:50 x 16, 4 ply R. H.		F 324	Outer wheel bearing for F 321 dual wheel hub #3379
	F 213	Tire, 7:50 x 16, 8 ply L.H.	12	F 884	Washer for F 435 spindle
	F 215	Inner tube, 7:50 x 16 for drop center rim		F 327	Washer for F 320 dual wheel spindle
	F 667	Inner tube, 7:50 x 16 T and B for flat base rim	13	F 934	Nut for F 1631 and F 1044 spindles
	F 668	Flap for flat base rim		F 326	Nut for F 1043 dual wheel spindle
5	F 435	Spindle, single wheel, channel axle	14	F 1628	Hub cap for F 1624 hub #46749
	F 320	Spindle, dual wheel, channel axle		F 334	Hub cap for F 321 dual wheel hub # 07347
	F 1480	Spindle, channel axle, single wheel with brake flange	15	F 7662	Single wheel hub with bearings complete less spindle
	F 1481	Spindle, channel axle, dual wheel with brake flange		F 7663	Dual wheel hub with bearings complete less spindle
6	F 1627	Grease retainer for F 1624 hub #54605 K.H.	16	F 214	Lug nut for F 462 bolt #15085
	F 325	Grease retainer for F 321 dual wheel hub #5875		F 433	Lug nut for F 335 dual wheel bolt
7	F 1625	Inner wheel bearing for F 1624 hub #L.M. 29749	17	F 462	Lug bolt for F 1624
	F 323	Inner wheel bearing for F 321 dual wheel hub #3780		F 335	Lug bolt for F 321 dual wheel hub
8	F 1653	Inner cup for F 1624 hub #L.M. 29710	18		1/2" x 4-1/2" N.C. bolt with nut
	F 1382	Inner cup for F 321 dual wheel hub #3720	19	F 730	Dual wheel hub w/F320 spindle complete
				F 1646	Single wheel hub w/F435 spindle complete



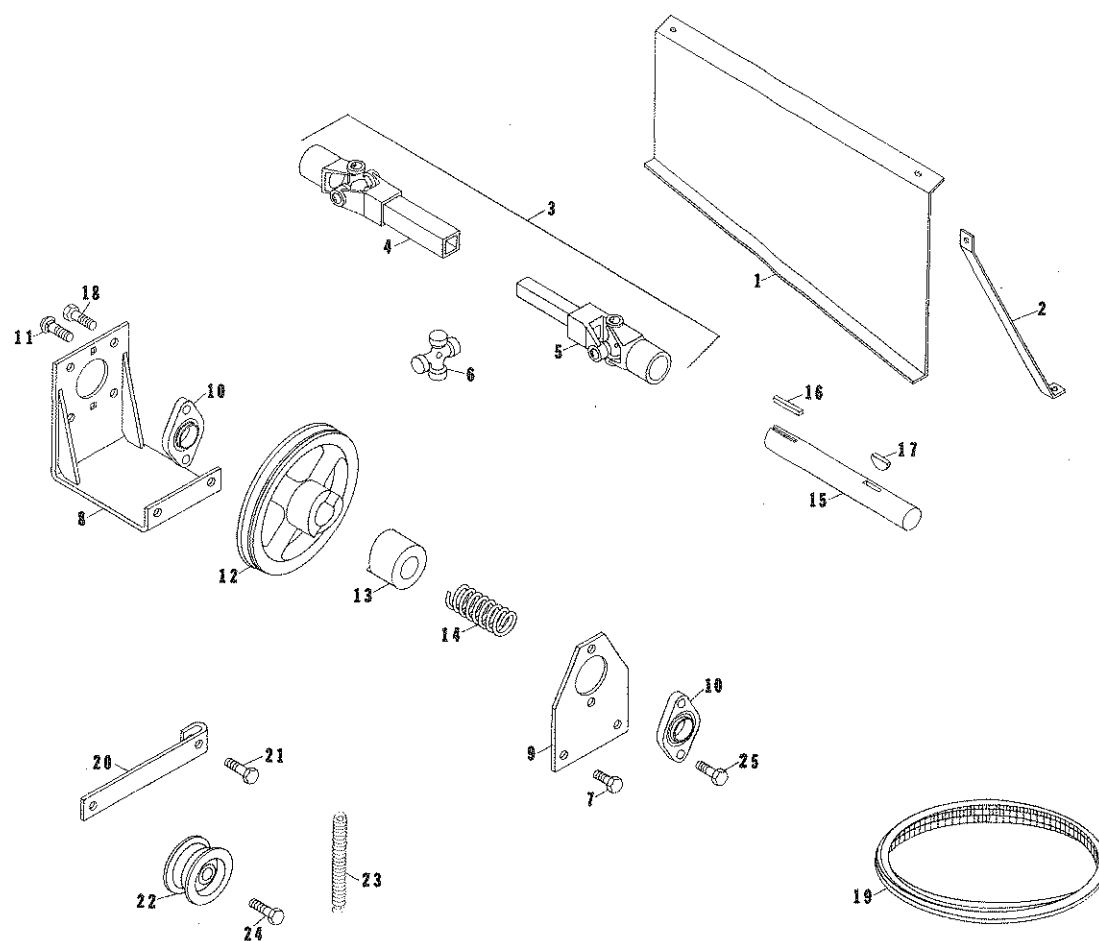
PICKUP FEEDER HOUSE

REF. NO.	PART NO.	DESCRIPTION
1	F 7482	Support angle for guard pipes
2	F 7158	Hay hold down, outside
3	F 7299	Guard angle
4	F 7472	Guard Pipe, outside with latch mounting plate
5	F 7163	Guard pipe, center
6	F 7164	Guard pipe, inside
7	F 7159	Hay hold down, center
8	F 7160	Hay hold down, inside
9	F 7157	Angle brace for feeder house bottom sheet
10	F 7394	Pickup stop
11	F 1712	Feeder house end plate
12	F 1713	Feeder house bottom
13	F 1714	Feeder house rear and top section
14	F 5750	Upright shield under hood
15	F 1715	Feeder house back sheet
16	F 5749	Shield over pickup, rear
17	F 853	Catch for tool box cover
18	F 7635	Tool box lid
19	F 1716	Feeder house bottom end shim, R. H. side



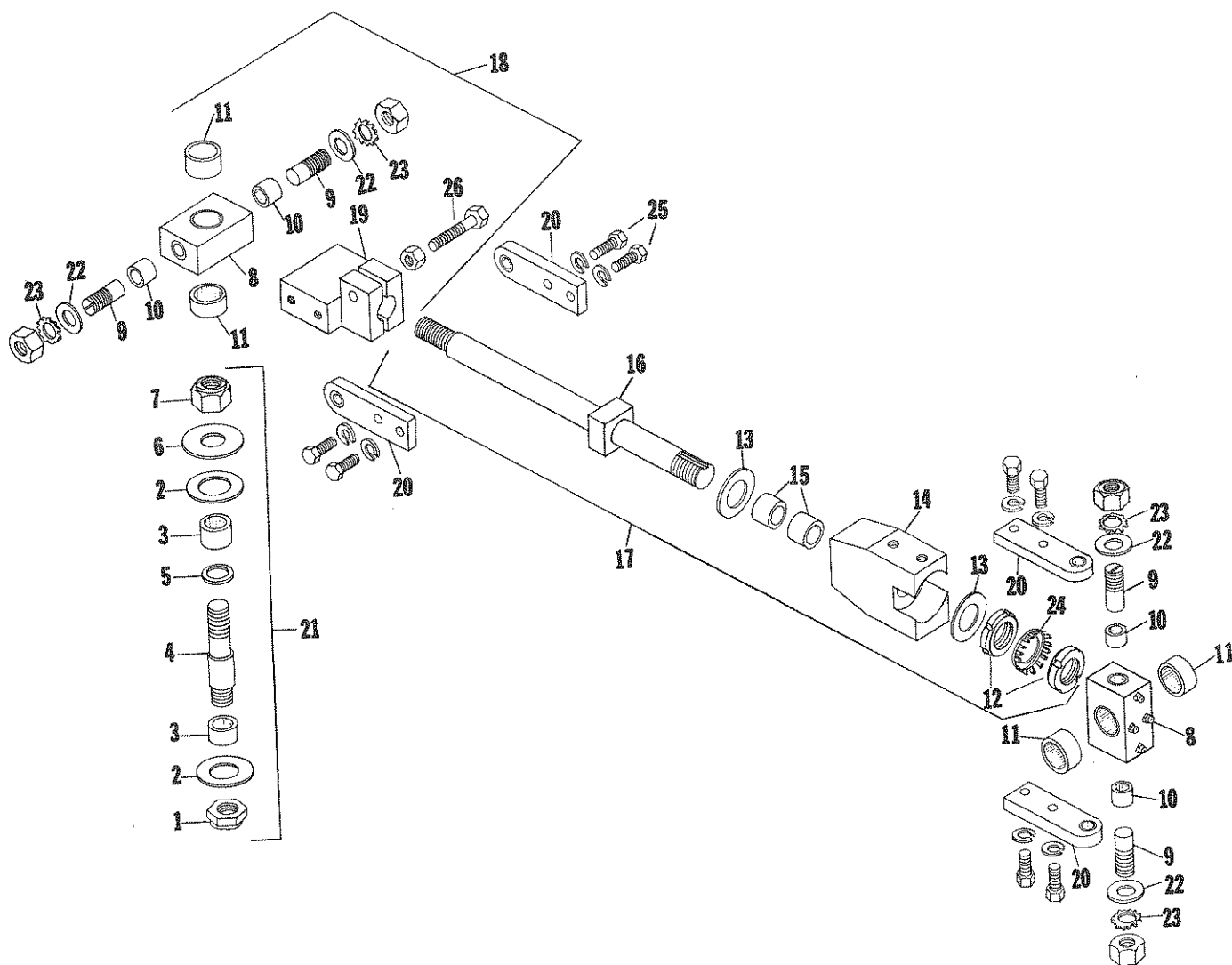
PICKUP CYLINDER ASSEMBLY

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



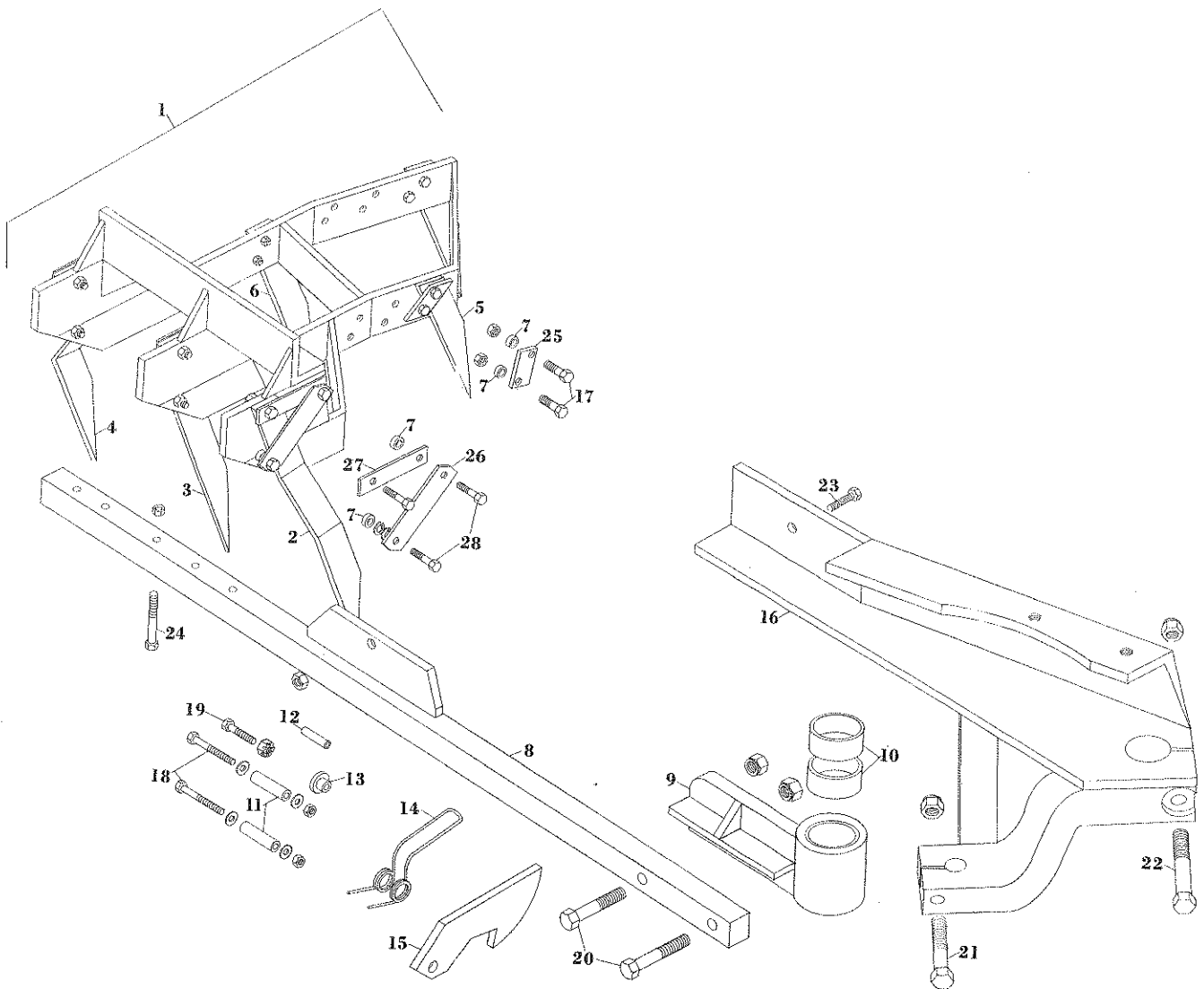
PICKUP DRIVE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7305	Pickup drive shaft shield	13	F 7	Pickup clutch ring
2	F 7829	Brace for pickup drive shaft shield	14	F 126	Pickup clutch spring
3	F 8108	Universal drive shaft complete	15	F 8092	Pickup drive shaft
4	F 8106	Universal with square tube	16	F 122	Key, 1/4" x 1/4" x 2-1/2"
5	F 8107	Universal with square shaft	17	F 83	Woodruff Key, 3/8" x 1-1/4"
6	F 318	Universal joint repair kit	18		1/2" x 1-1/2" NC Cap screw, 4 used
7		3/8" x 1" NC Cap screw, 2 used	19	F 7535	Pickup drive belt, CX105
8	F 8090	Bearing mount bracket	20	F 7546	Pickup drive belt tightener bracket
9	F 8091	Bearing mount plate	21		1/2" x 2-1/4" N.C. cap screw
10	F 7063	Bearing, 1-3/8"	22	F 840	Idler pulley, pickup belt tightener
11		3/8" x 1-1/4" #3 Plow bolt, 2 used	23	F 129	Spring, pickup belt tightener
12	F 8A	Pickup driven sheave	24		1/2" x 2-1/2" N.C. cap screw
			25		3/8" x 1-1/2" N.C. cap screw, 2 used



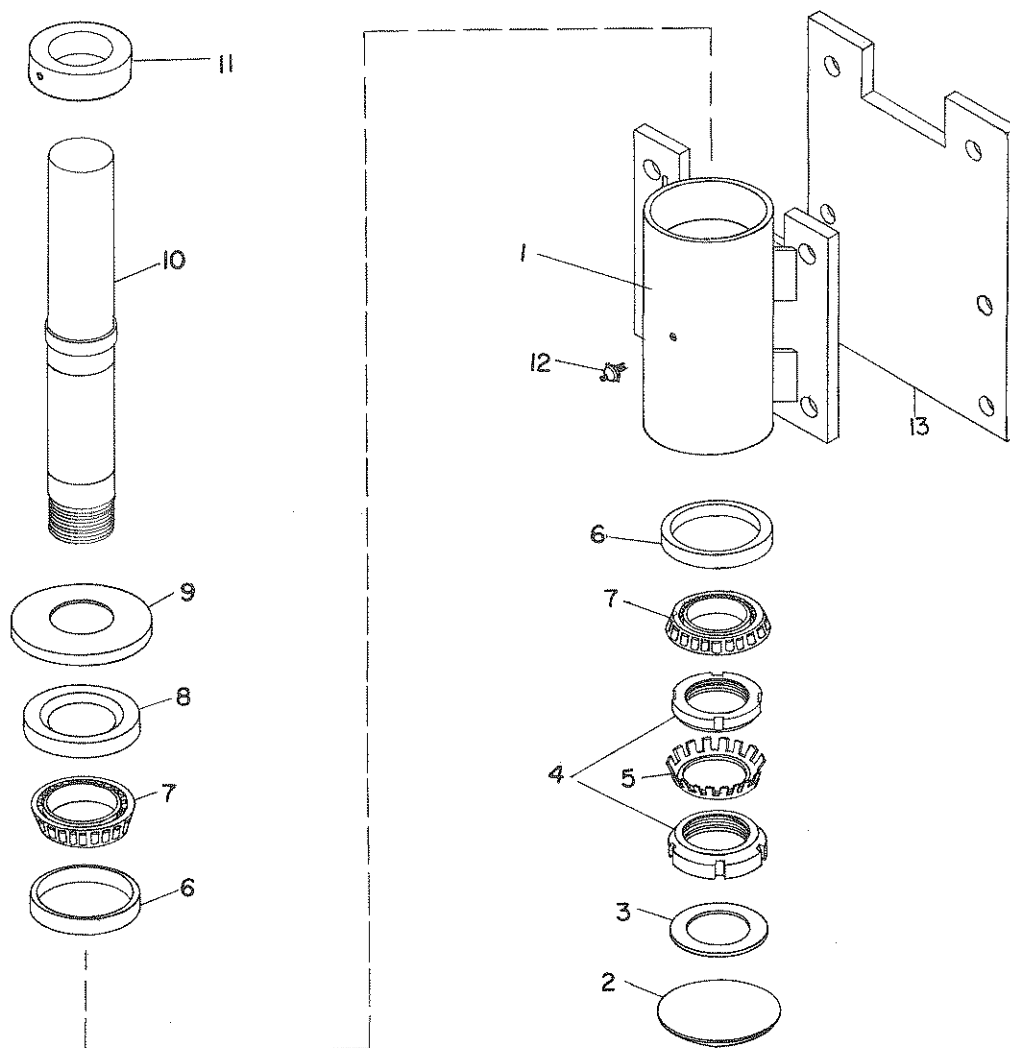
FEED ARM DRIVE

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 1785	Feed arm conn rod only
6	F 1261	Hardened washer, 1" x 2-1/2" x .065" (2 used)	17	F 1786	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



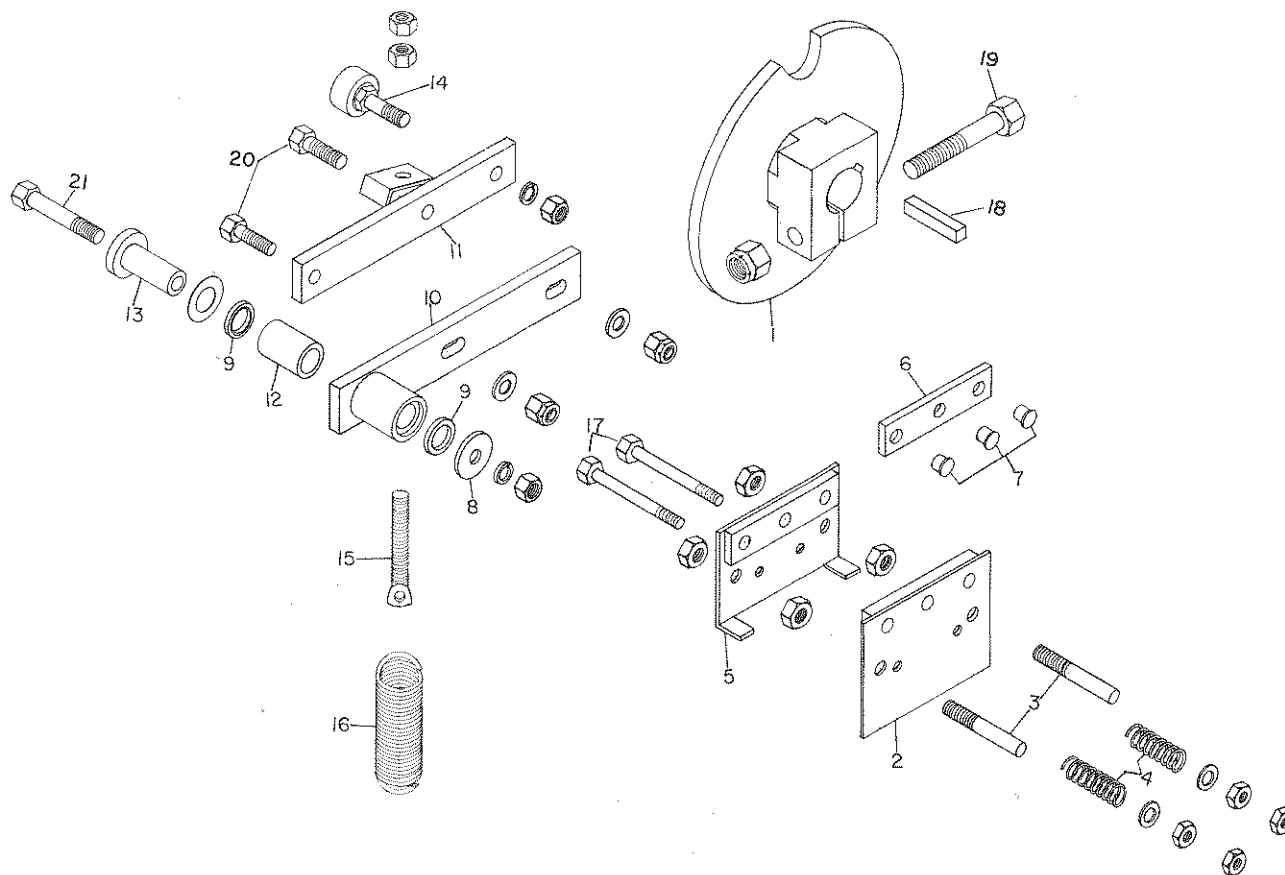
FEED ARM AND FEED FORK

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 1832	Feed fork complete	17		7/16" x 1-1/2" N.F.H.T. cap screw
2	F 7265	Tine, trailing, inside, 1" offset	18		5/16" x 2-1/2" N.C. cap screw, for spring and stop latch.
3	F 1191	Tine, trailing, center	19		7/16" x 1-1/2" N.C. cap screw, latch hinge pin
4	F 7264	Tine, trailing, outside, 2-1/2" offset	20		1/2" x 3" N.F. cap screw, with lock nut, torque shaft
5	F 1603	Tine, leading, short, 2 used	21		1/2" x 4-1/4" N.F. cap screw with lock nut, clamp for feed arm pin
6	F 1189	Tine, outside center	22	F 1673	1/2" x 3" N.F. cap screw with lock nut, grade 8, feed arm clamp
7	F 1193	Bushing and stop for tines	23	F 1738	Shear bolt, 5/16" x 1-3/4" N.F.H.T. cap screw w/2 nuts
8	F 1732	Torque shaft, 1-1/4"	24	F 1266	3/8" x 2-1/2" N.F.H.T. cap screw, 5 used
9	F 7660	Torque shaft bearing with bushing	25	F 1195	Clip for tines
10	F 1235	Bushing for torque shaft bearing, 2" x 2-1/2 x 1"	26	F 7971	Strap for feed fork tine, outside
11	F 7275	Roll pin, 1/2" x 2", 2 used	27	F 7970	Strap for feed fork tine, inside
12	F 7239	Roll pin, 3/8" x 1-1/2"	28		7/16" x 1-3/4" N.F.H.T. cap screw
13	F 7276	Ferrule for F 1563			
14	F 281	Spring latch			
15	F 1563	Catch for torque shaft			
16	F 1731	Feed arm			



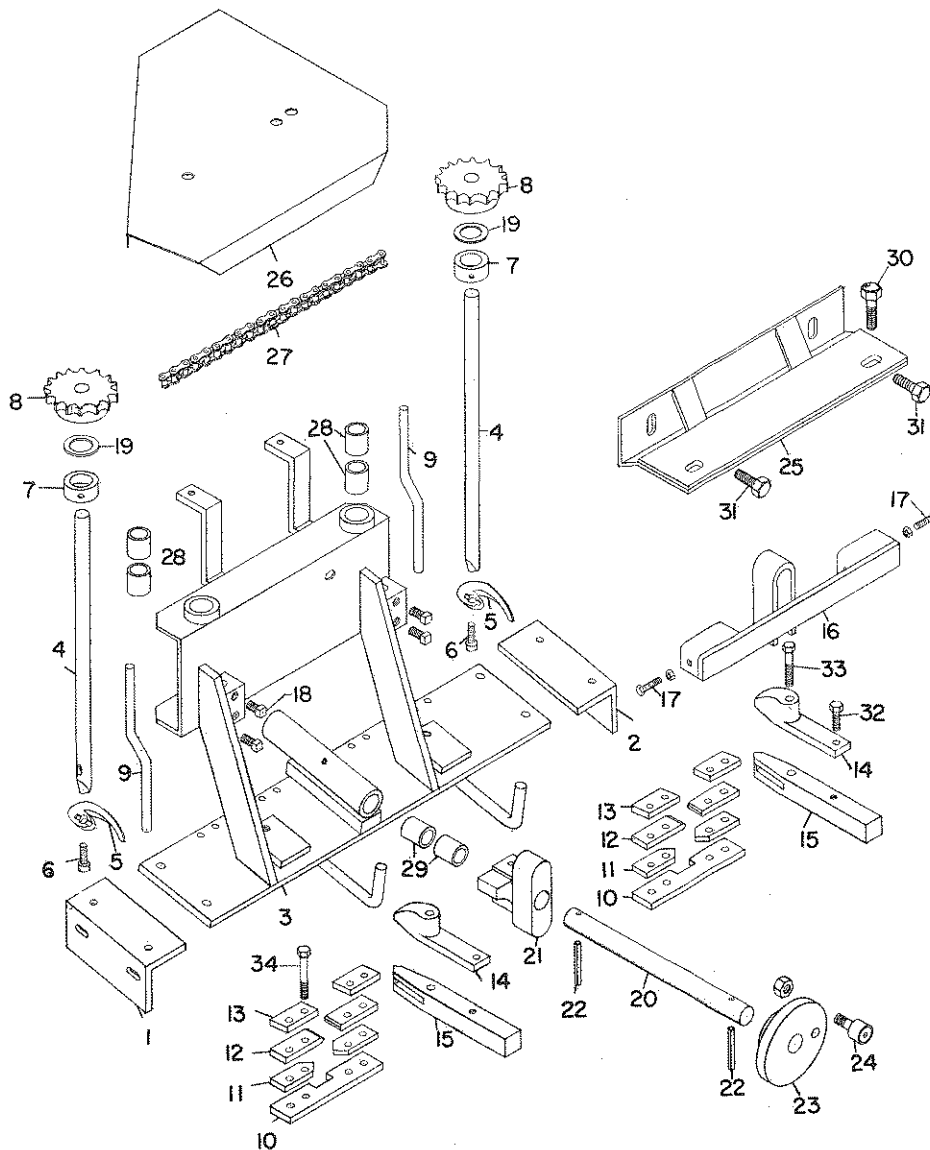
FEED ARM PIVOT SHAFT

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 (362 A) (2 used)
7	F 5446	Bearing cone (368 A) (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 1230	Set collar,
12	F 1661	Hydraulic shut-off fitting #1940B
13	F 1250	Pivot shaft plate



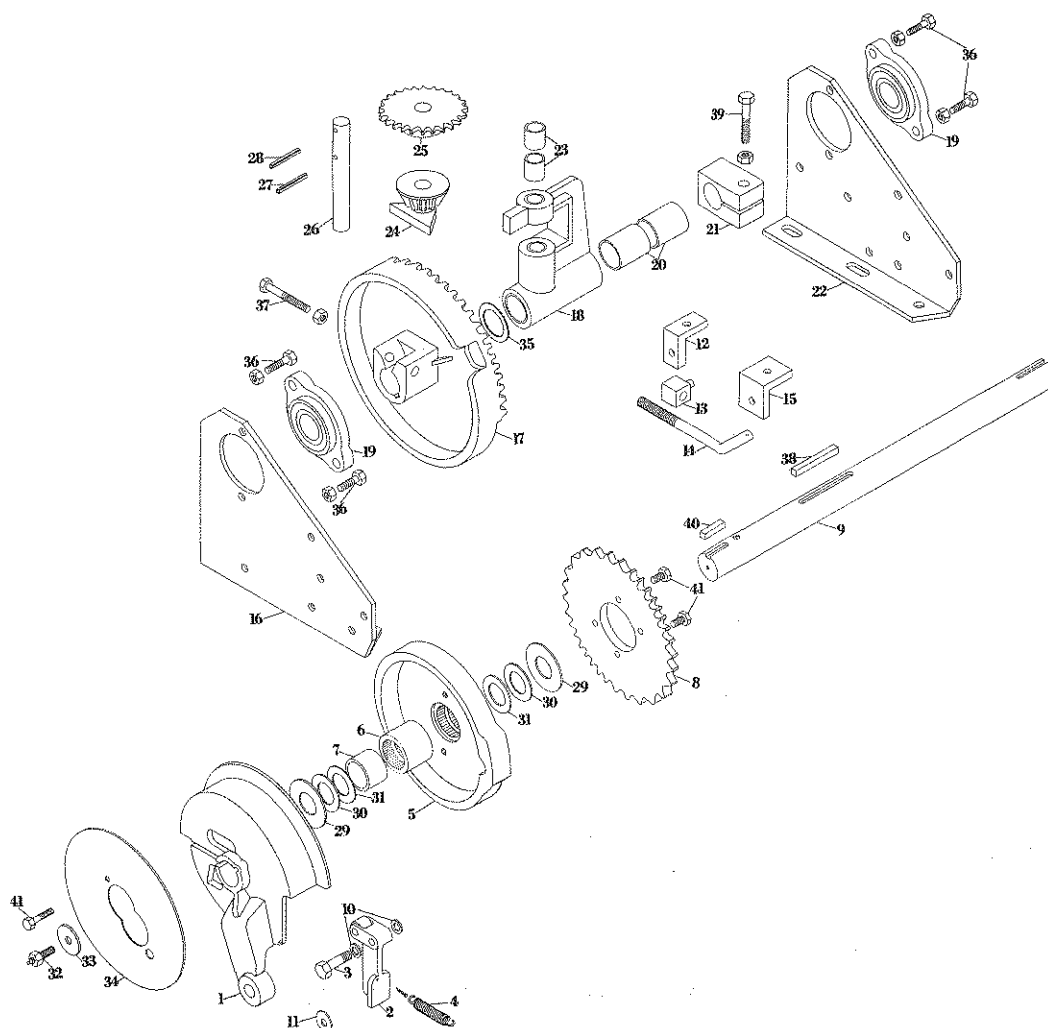
KNOTTER BRAKE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7528	Brake disc with hard notch, 1-3/8" wire	11	F 7560	Saddle lever upper half with spring anchor
	F 7897	Brake disc with hard notch, 1-1/8", twine	12	F 7586	Bushing for saddle lever, 3/4" x 1" x 1-1/2"
2	F 7450	Outside brake plate with lining	13	F 7585	Saddle lever sleeve
3	F 7451	Brake plate stud (2 used)	14	F 1572	Cam follower, saddle lever
4	F 7453	Brake plate spring (2 used)	15	F 7448	Saddle lever spring eyebolt
5	F 7449	Inside brake plate with lining	16	F 7559	Saddle lever spring
6	F 7454	Brake lining with rivets (2 used)	17	F 7452	Brake plate bolt, 1/4" x 3-1/2" 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



WIRE KNOTTER

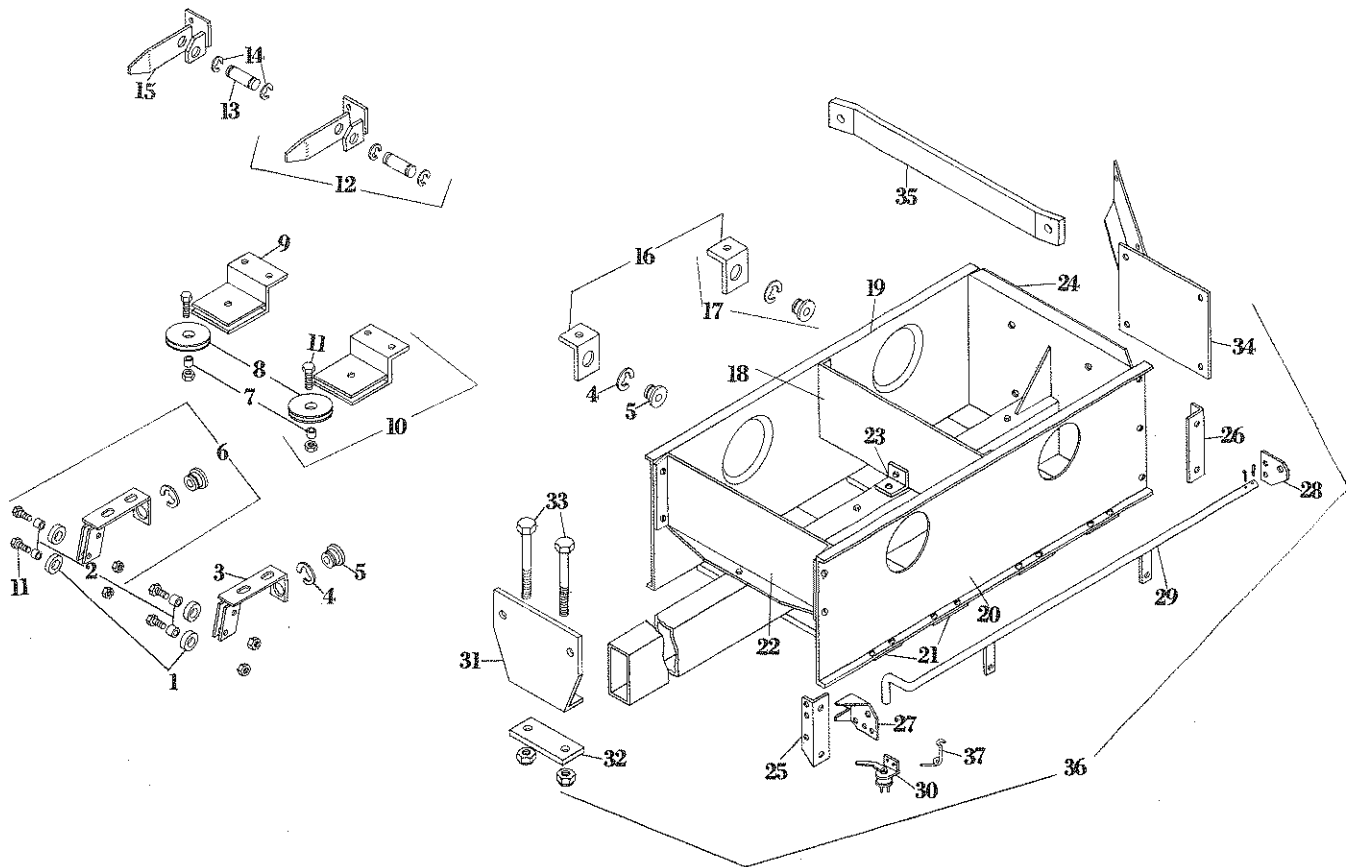
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7062	Knotter mounting angle, L. H.	21	F 7075	Shuttle bar drive cam
2	F 7065	Knotter mounting angle, R.H.	22	F 7076	Roll pin, 1/4" x 1-1/2"
3	F 7311	Twister and shuttle bar frame	23	F 7078	Shuttle bar crank flange
4	F 7089	Twister shaft	24	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

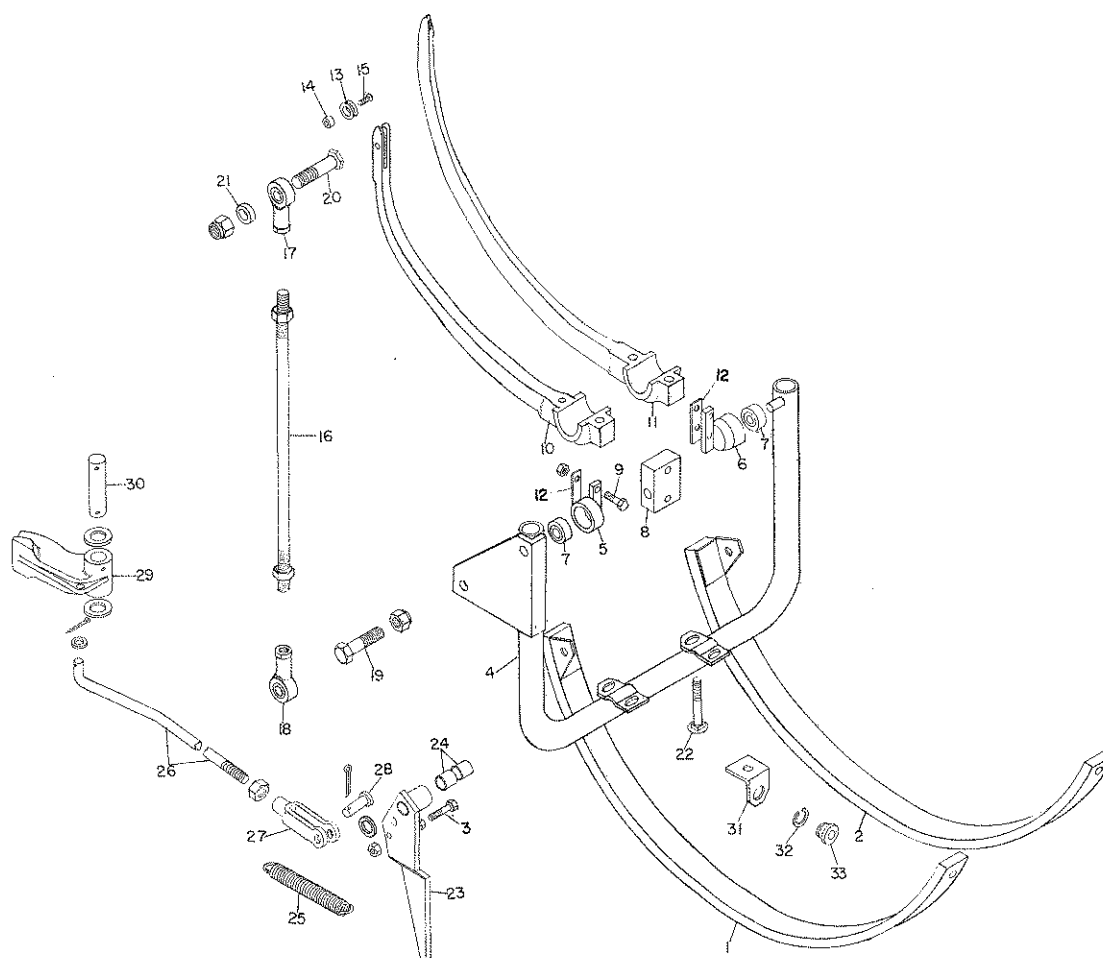
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7519	Clutch w/pawl, 1-3/8"	23	F 7247	Bushing for F 7072 frame, 7/8" x 1" x 1"
2	F 1622	Clutch pawl	24	F 7431	Pinion
3	F 1633	Clutch pawl pin	25	F 7257	Twister drive sprocket, 40B25
4	F 4115	Spring, clutch pawl	26	F 7069	Pinion shaft
5	F 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.			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		

F 7686 Wire knotter complete with clutch & brake



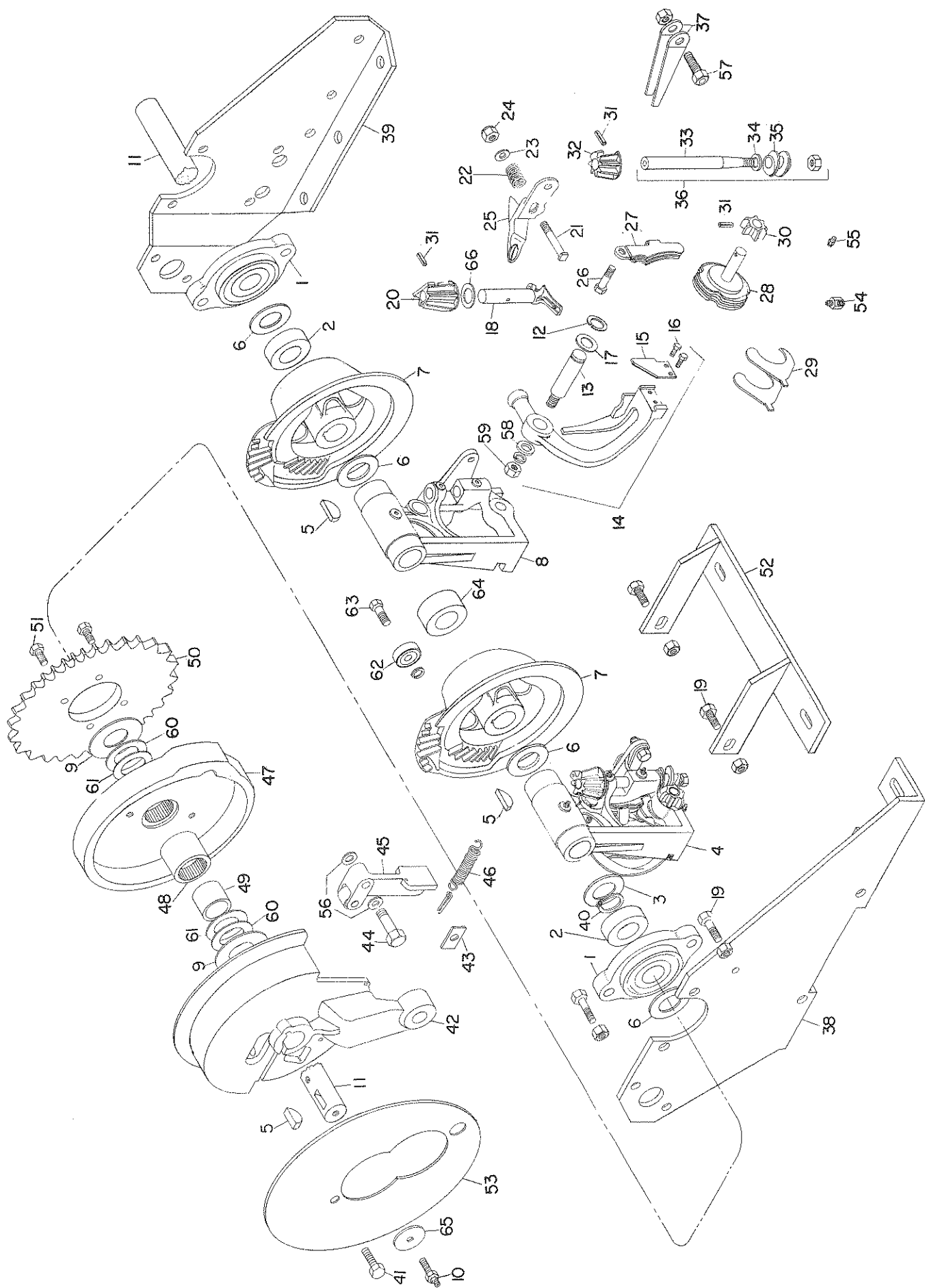
WIRE BOX AND WIRE GUIDES

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			



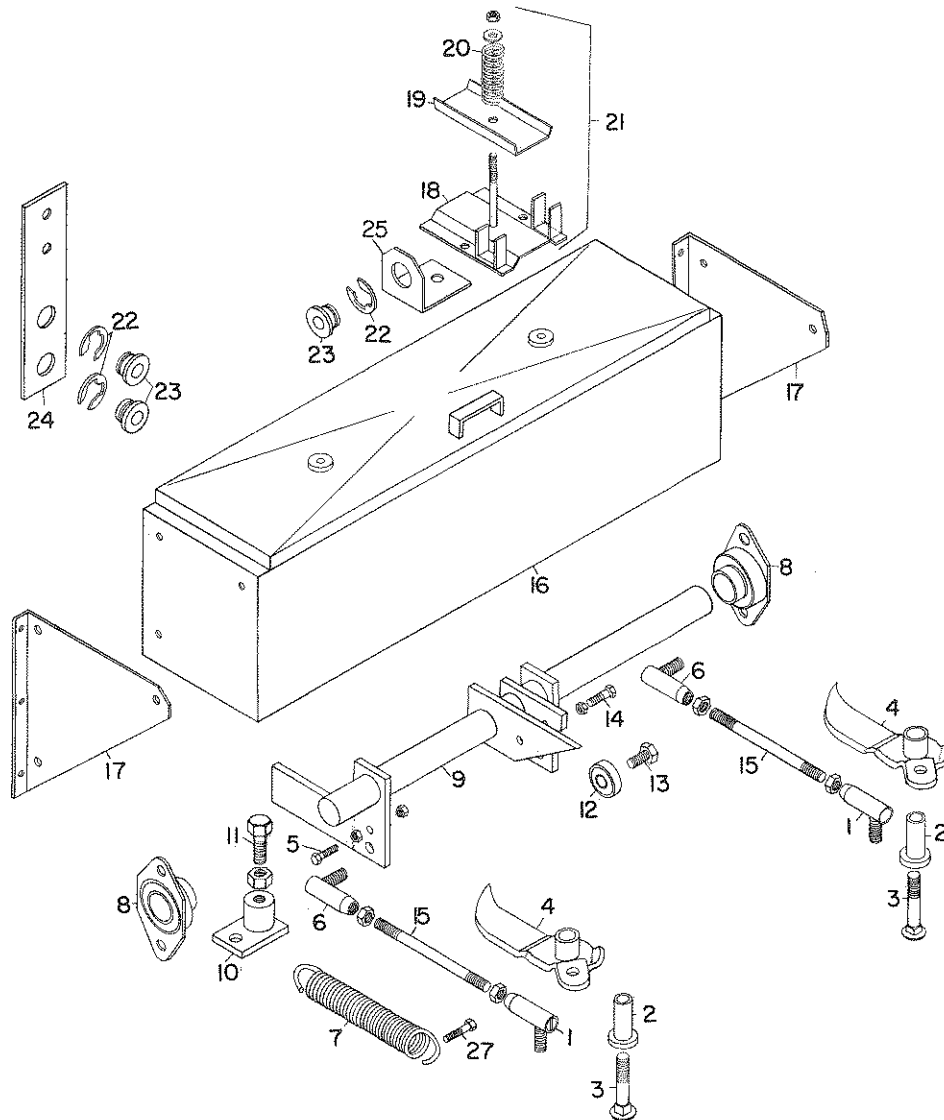
NEEDLE AND YOKE ASSEMBLY

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
	F 7899	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	21	F 172	Spacer collar used on twine tie only
7	F 7523	Bearing for F 7521 and F 7522, KP12A wire only	22	F 7552	Bolt, needle to yoke with nut, 1/2" x 3-1/4" carriage
8	F 4150	Needle yoke bearing, R.H. and L. H., twine only	23	F 7652	Plunger dog return lever
9		1/2" x 1-3/4" NC cap screw	24	F 7845	Bushing for plunger dog return lever, 7/8" x 1" x 7/8"
		1/2" x 2-1/4" NC cap screw	25	F 1517	Plunger dog return spring
10	F 7711	Needle, wide base, 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



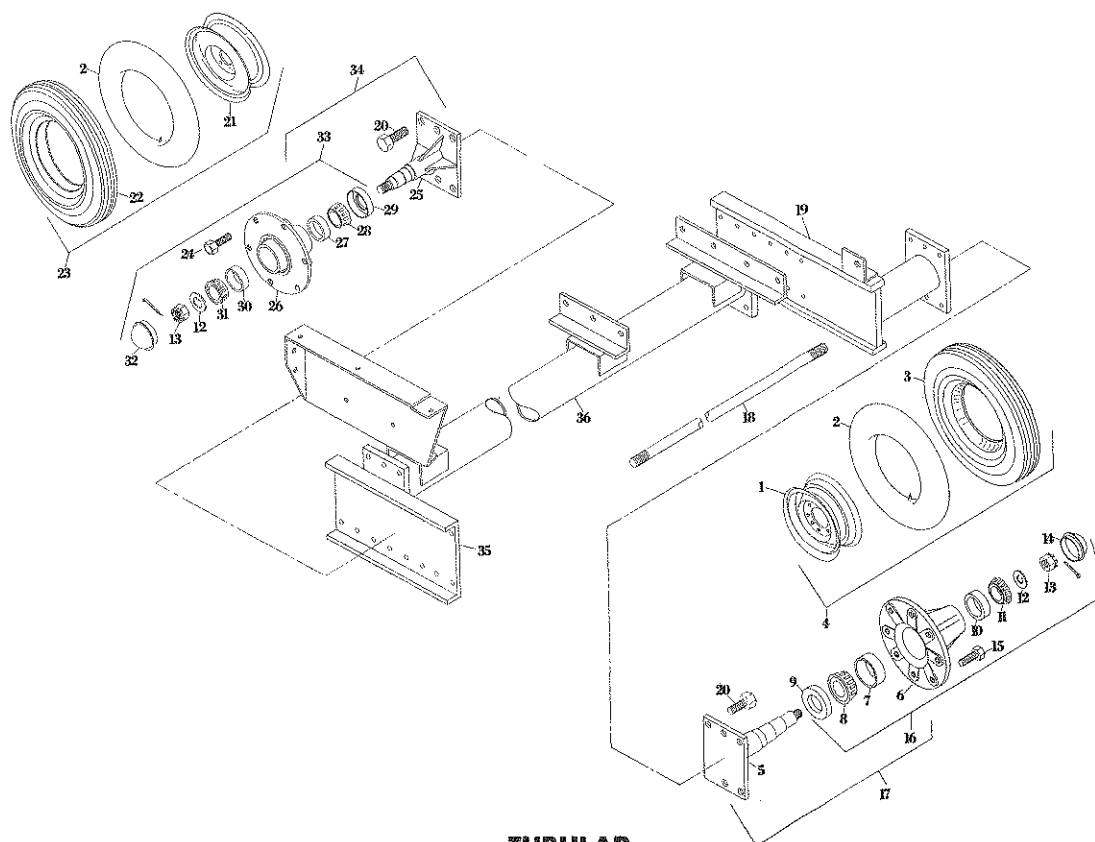
TWINE KNOTTER

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7850	Knotter shaft bearing, 1-1/8"	34	F 1680	Washer, knotter worm shaft, 28 ga.
2	F 7905	1-1/8" set collar	F 657		Washer, knotter worm shaft, 10 ga.
3	F 602	Washer, hard	F 658		Washer, knotter worm shaft, 14 ga.
4	F 7851	Knotter frame complete	F 659		Washer, knotter worm shaft, 18 ga.
5	F 83	Woodruff Key, 3/8" x 1-1/4"	F 7875		Knotter worm only
6	F 247	Knotter shaft spacer washer, 10 ga.	F 7876		Knotter worm and shaft complete
	F 248	Knotter shaft spacer washer, 14 ga.	F 8052		Twine holder spring, 2 used
	F 249	Knotter shaft spacer washer, 18 ga.	F 7878		Twine knotter mount, L.H.
	F 1678	Knotter shaft spacer washer, .025"	F 7879		Twine knotter mount, R.H.
	F 1679	Knotter shaft spacer washer, .010"	F 543		Snap ring
7	F 7852	Knotter cam gear	41		3/8" x 1" N.C. Cap screw
8	F 7853	Knotter frame only	42	F 7880	Clutch w/pawl, 1-1/8" shaft
9	F 766	Hardened washer, 1-1/8" I.D., 16 ga.	43	F 1620	Clutch pawl pin lock
10	F 1576	Adapter with zerk	44	F 1633	Clutch pawl pin
11	F 7855	Knotter shaft, 1-1/8"	45	F 1622	Clutch pawl
12	F 7976	Snap ring for knife arm pin	46	F 4115	Spring clutch pawl
13	F 7884	Knife arm pin	47	F 4076	Notched clutch disc w/F 4077 bearing
14	F 8050	Knife arm complete	48	F 4077	Bearing, GR22SS
15	F 8049	Twine knife	49	F 4078	Inner race, M118
16	F 7859	Twine knife screw	50	F 755	Sprocket, knotter clutch, 60A32
17	F 7860	Knife arm washer	51		3/8" x 1" NC Cap screw
18	F 7861	Knotter bill hook	52	F 7881	Knotter head anchor
	F 8070	Trigger for F 7861 knotter bill hook	53	F 7987	Shield for knotter clutch
	F 8071	Pin for F 8070 trigger	54	F 7882	Zerk, 90°
19		3/8" x 1-1/4" NC Cap screw	55	F 7883	Zerk, straight
20	F 1700	Pinion, knotter hook	56	F 1623	Washer, clutch pawl
21	F 7863	Knotter hook cam adjusting screw	57		3/8" x 1" Cap screw
22	F 7864	Knotter hook cam adjusting spring	58	F 7892	Knife arm shaft washer
23	F 7894	Washer, bill hook cam adjustment spring	59	F 7893	Knife arm shaft nut
24	F 7865	Knotter hook cam adjustment screw nut	60	F 247	Knotter shaft spacer washer, 10 ga.
25	F 7866	Knotter hook cam	61	F 249	Knotter shaft spacer washer, 18 ga.
26	F 7867	Twine holder bolt	62	F 570	Roller, twine finger drive, 6200-22
27	F 7868	Twine holder	63	F 7854	Bolt, twine finger drive roller
28	F 7869	Twine disc	64	F 466	Knotter shaft spacer, 1"
29	F 7870	Twine disc cleaner	65	F 246	Knotter shaft end washer
30	F 7871	Pinion, twine holder disc	66	F 8068	Knotter bill hook pinion spacer washer, .020"
31	F 7872	Roll pin			.035
32	F 7873	Pinion, knotter worm	F 8069		Knotter bill hook pinion spacer washer, .035
33	F 7874	Knotter worm shaft			
			F 7906		Twine knotter assy. complete w/mounts, clutch assy., and brake assy.
			F 7908		Twine knotter shaft assy. w/ clutch assy. and brake disc



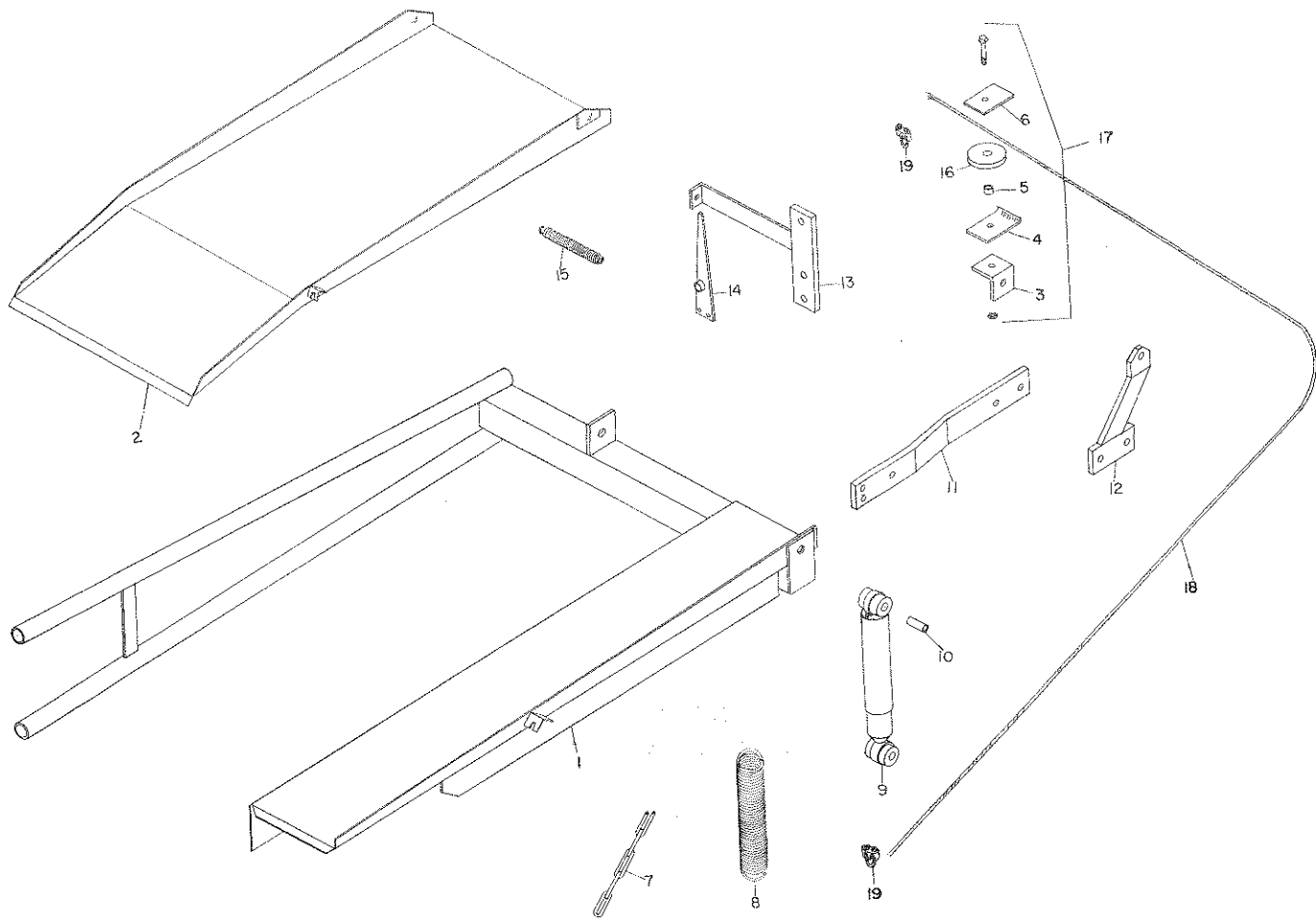
TWINE FINGERS, GUIDES AND BOX

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



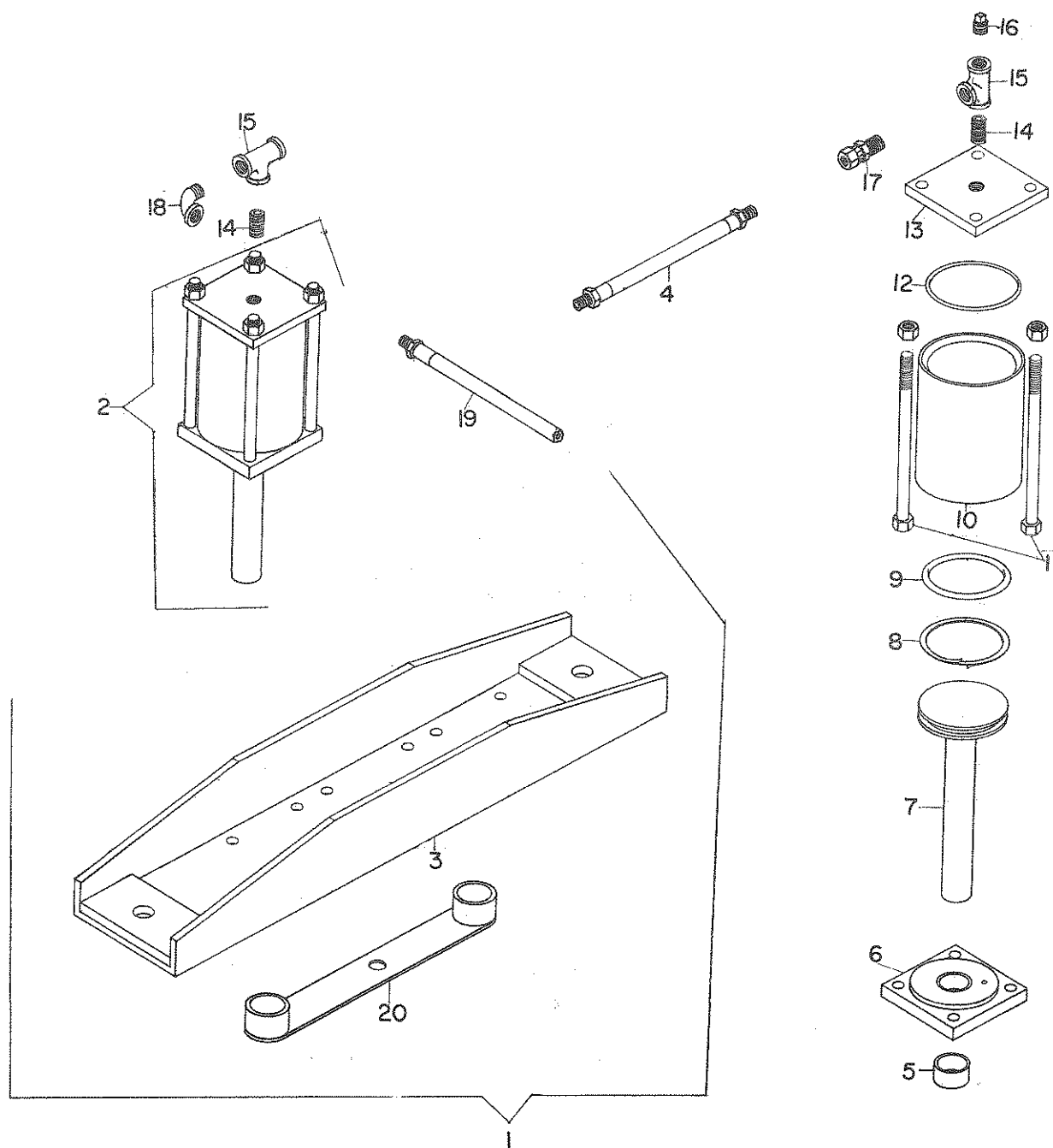
TUBULAR AXLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7989	Wheel, 8-hole, drop center, for F 7992 hub, L.H.	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
4	F 7990	Drop center single wheel w/8-ply tire & tube mounted, L.H. 8 hole	27	F 8008	Inner wheel bearing cup for F 8007 hub, LM29710
5	F 7991	Spindle for F 7992 hub, L.H. side, 8 hole	28	F 8009	Inner wheel bearing cone for F 8007 hub, LM29749
6	F 7992	Hub with cups, L.H. side, Q778	29	F 8010	Grease retainer for F 8007 hub
7	F 7993	Inner wheel bearing cup for F 7992 hub, #25520	30	F 8011	Outer wheel bearing cup for F 8007 hub, LM 67010
8	F 7994	Inner wheel bearing cone for F 7992 hub, #25590	31	F 8012	Outer wheel bearing cone for F 8007 hub, LM 67048
9	F 7995	Grease retainer for F 7992 hub	32	F 8014	Hub cap for F 8007 hub
10	F 7996	Outer wheel bearing cup for F 7992 hub, #25821	33	F 8015	Single wheel hub w/bearings for 6-hole wheel less spindle, R.H.
11	F 7997	Outer wheel bearing cone for F 7992 hub #25877	34	F 8016	Single wheel hub with spindle complete, R.H. side
12	F 7998	Washer for spindle	35	F 7756	Mounting channel, R.H. wheel
13	F 7999	Nut for spindle	36	F 1719	Tubular axle
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			



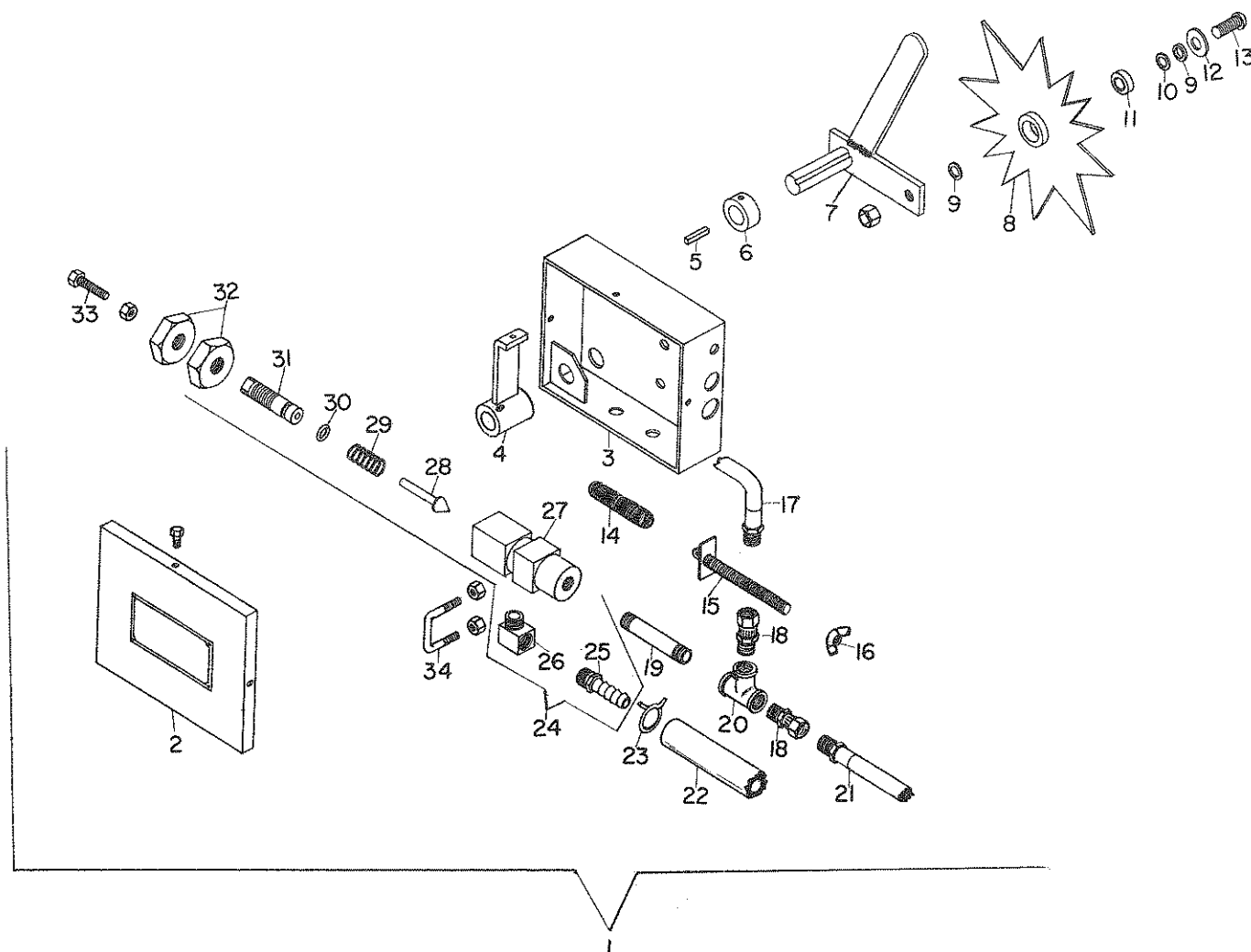
BALE CHUTE AND WEIGHT INDICATOR

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 521	Turning chute, left turn	11	F 1638	Shock absorber support
	F 787	Turning chute, right turn	12	F 1639	Cable bracket
2	F 259	Bale chute flat	13	F 997	Weight indicator bracket
3	F 999	Mounting angle for F 7236 sheave	14	F 998	Indicator hand
4	F 994	Shield for F 4067 roller	15	F 268	Indicator return spring
5	F 4068	Bushing for F 4067 roller	16	F 4067	Roller for F 7236 sheave
6	F 995	Plate for F 4067 roller	17	F 7236	Sheave complete, bale weight indicator
7	F 7659	Chain, bale chute	18	F 7661	Indicator cable, 1/8" air-craft, 65"
8	F 985	Spring, bale chute,	19	F 990	Cable clamp, 1/8"
9	F 988	Shock absorber			
10	F 993	Bushing for F 988 shock absorber			



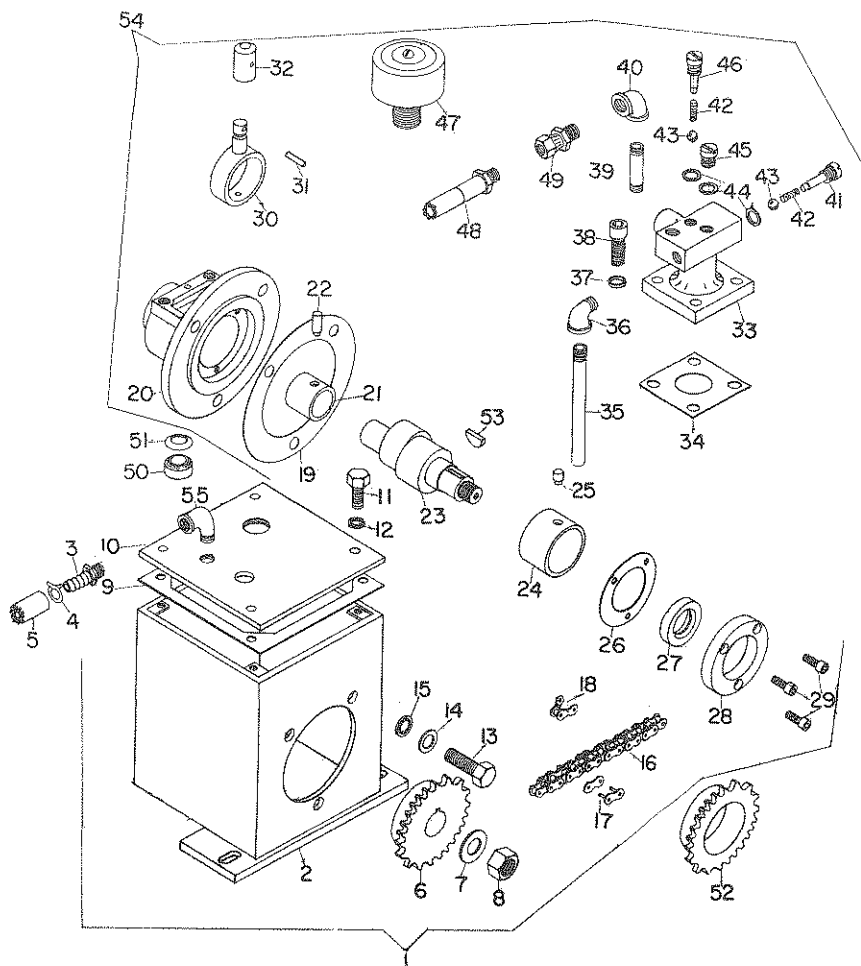
TENSION CONTROL RAM ASSEMBLY

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



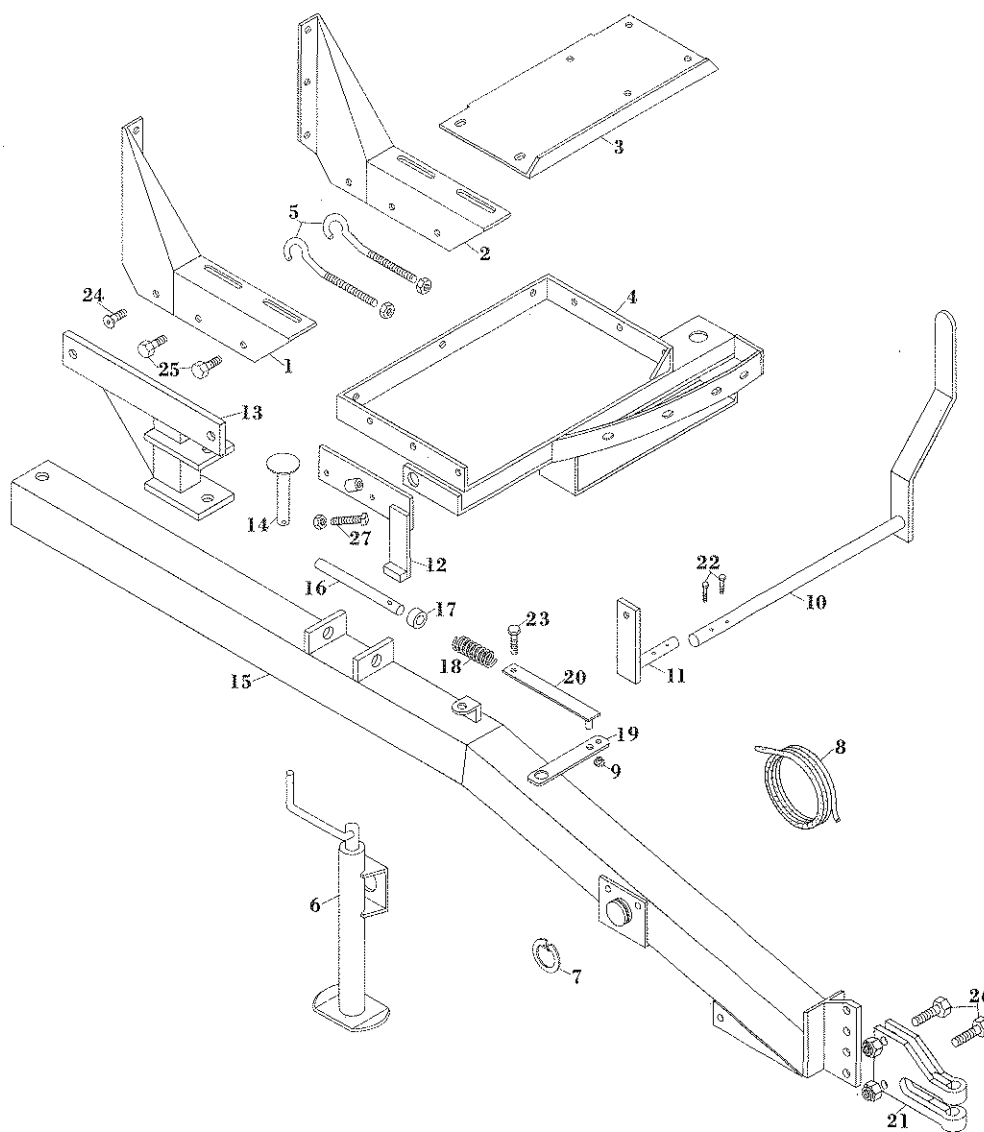
TENSION CONTROL BYPASS BOX

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



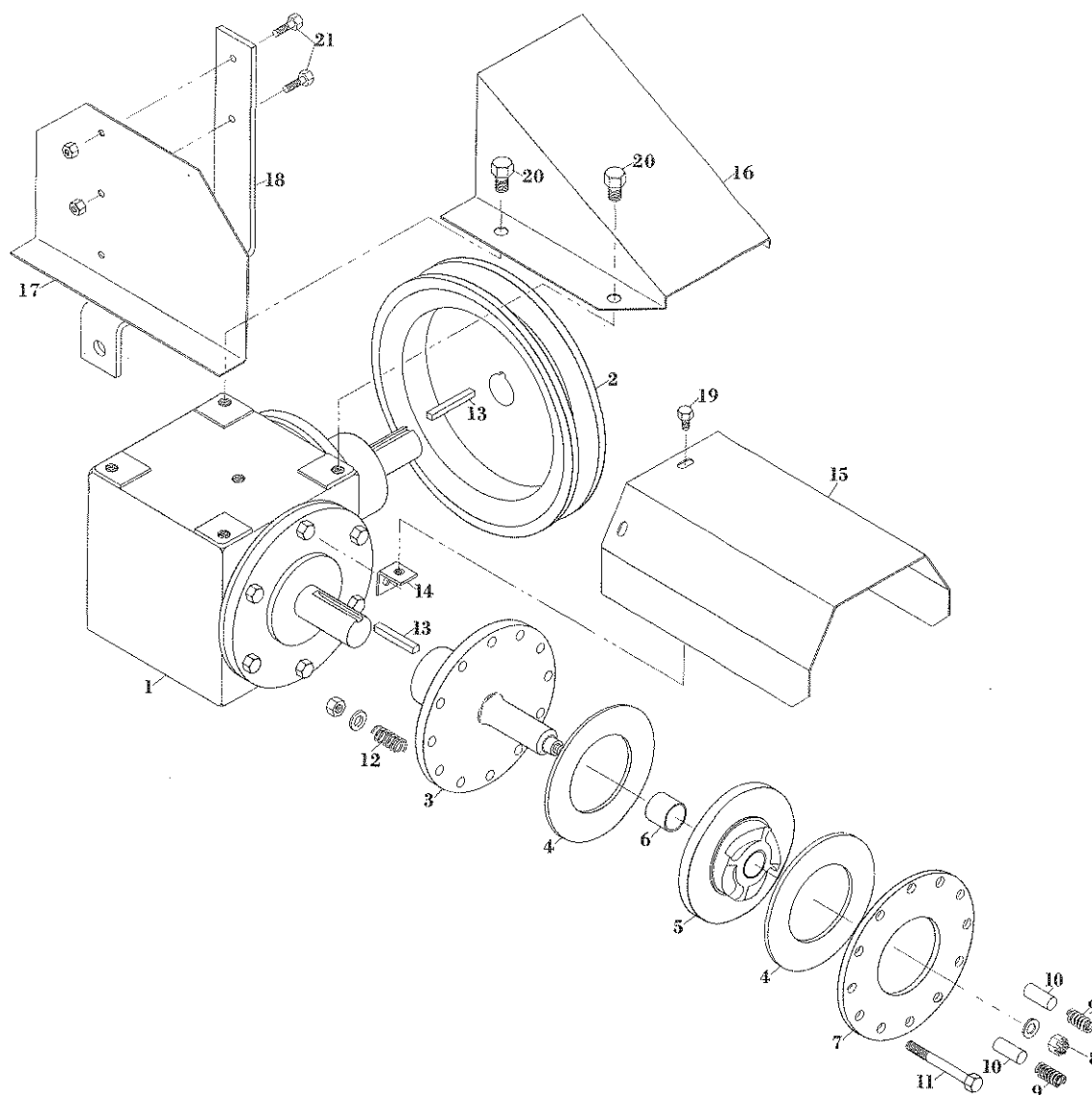
TENSION CONTROL PUMP ASSEMBLY

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			



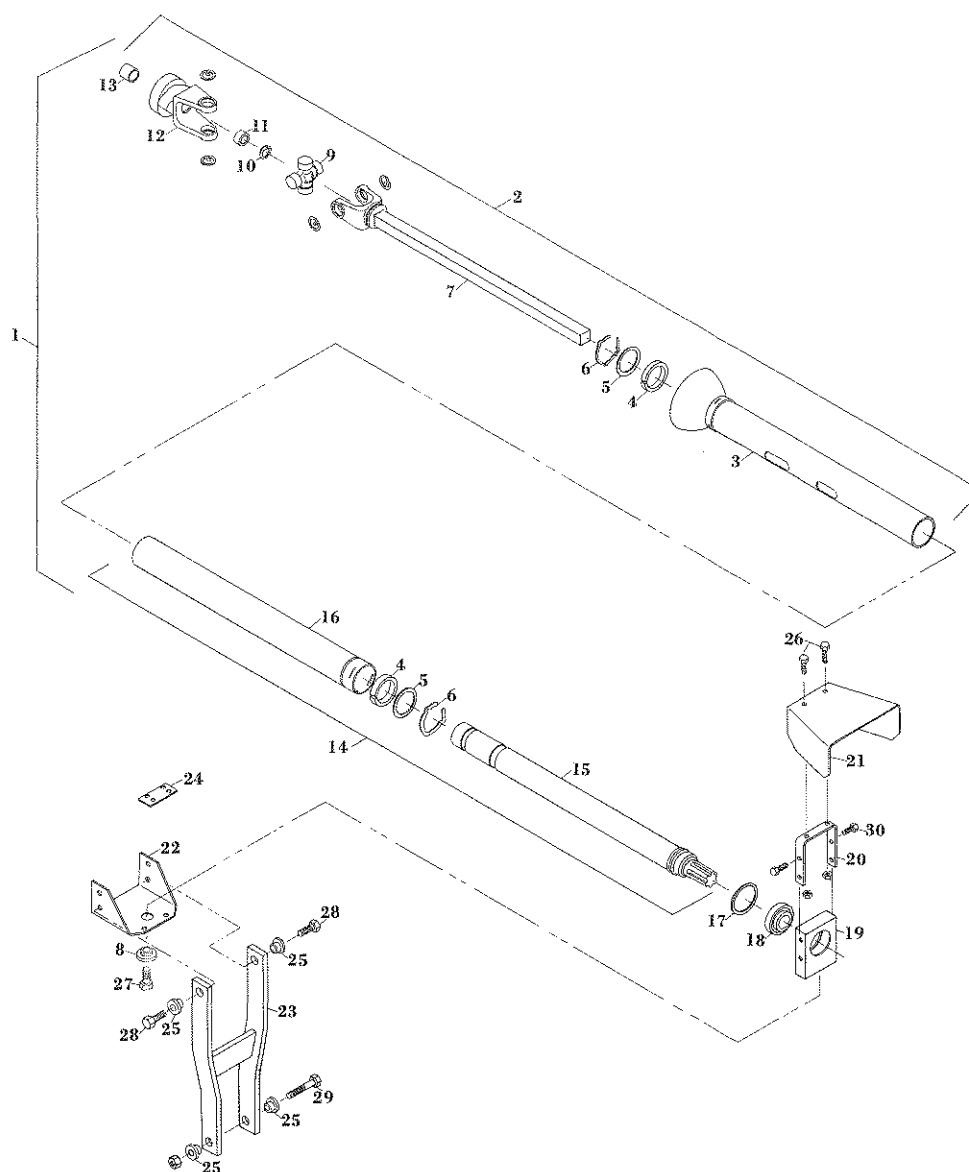
DRAWBAR AND P.T.O. MOUNT

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 7848	P.T.O. Gear box mount, R.H.	13	F 7007	Pivot pin bracket
2	F 7849	P.T.O. Gear box mount, L.H.	14	F 7006	Draw bar pivot pin
3	F 7364	P.T.O. Gear box plate	15	F 1787	Draw bar for P.T.O. baler
4	F 7280	Hitch base plate	16	F 7002	Draw bar locking pin
5	F 7010	Adjusting bolt, 2 used	17	F 7004	Set collar for drawbar locking pin
6	F 1788	Front end swinging jack	18	F 7003	Spring, drawbar locking pin
	F 1829	Lock pin assembly	19	F 7283	Actuating lever, drawbar locking pin
	F 1830	Acme nut	20	F 7795	Link, drawbar locking pin
	F 1831	Thrust bearing	21	F 183	Front end hitch
7	F 1789	Snap ring	22		1/4" x 1-1/4" N.C. cap screw
8	F 7005	Rope, drawbar pin, 9'	23		1/2" x 2" N.C. cap screw
9	F 440	Ferrule	24		1/2" x 1-1/4" button head bolt
10	F 7281	Pickup lift lever, P.T.O. baler	25		1/2" x 1-1/4" N.F. cap screw
11	F 7681	Pickup lift crank	26		5/8" x 2-1/2" N.C. cap screw
12	F 7201	Pickup lift lever stop bracket			



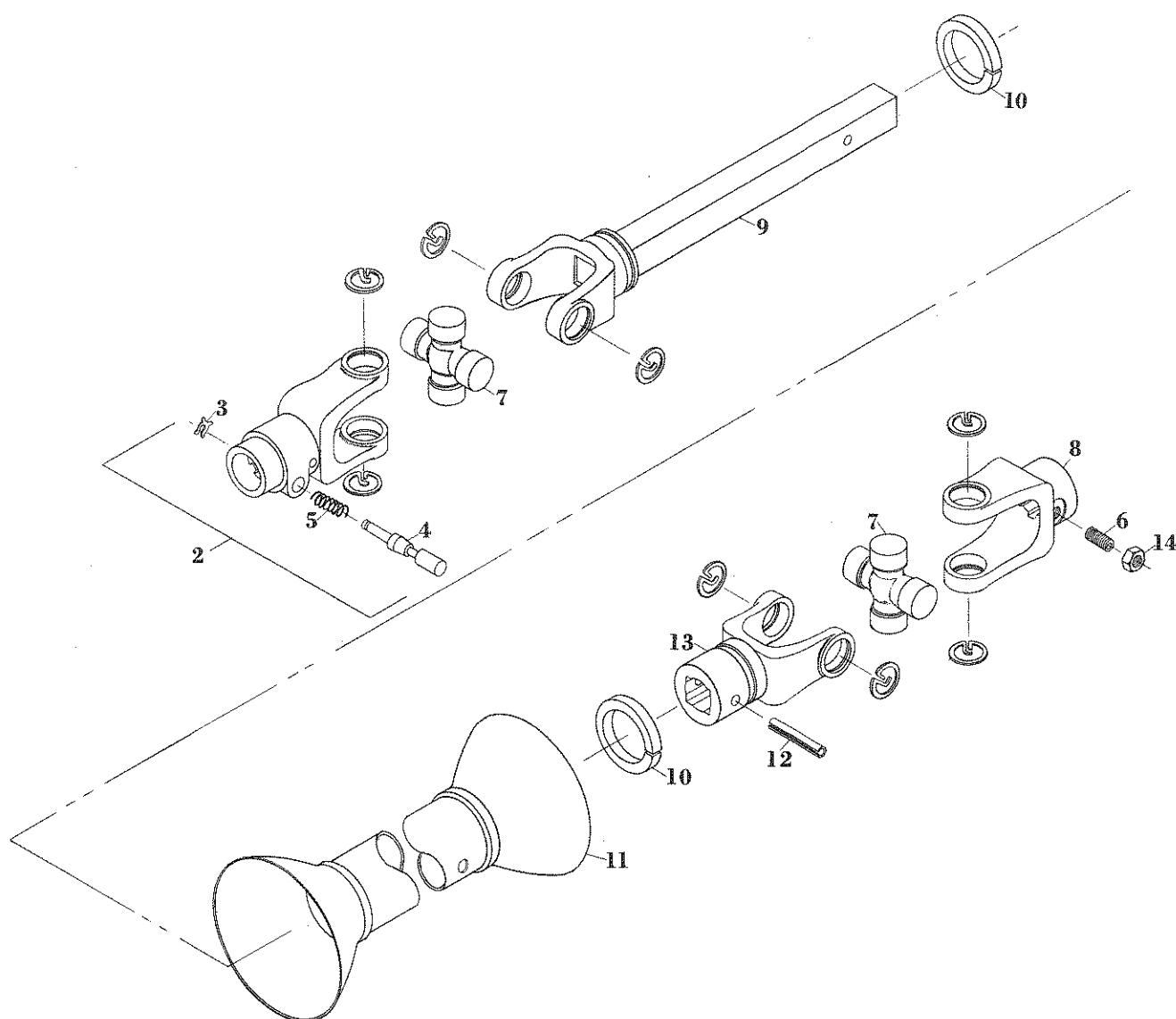
P.T.O. CLUTCH

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		3/8" 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			
11		3/8" x 3-1/4" Hex head cap screw, 12 used			



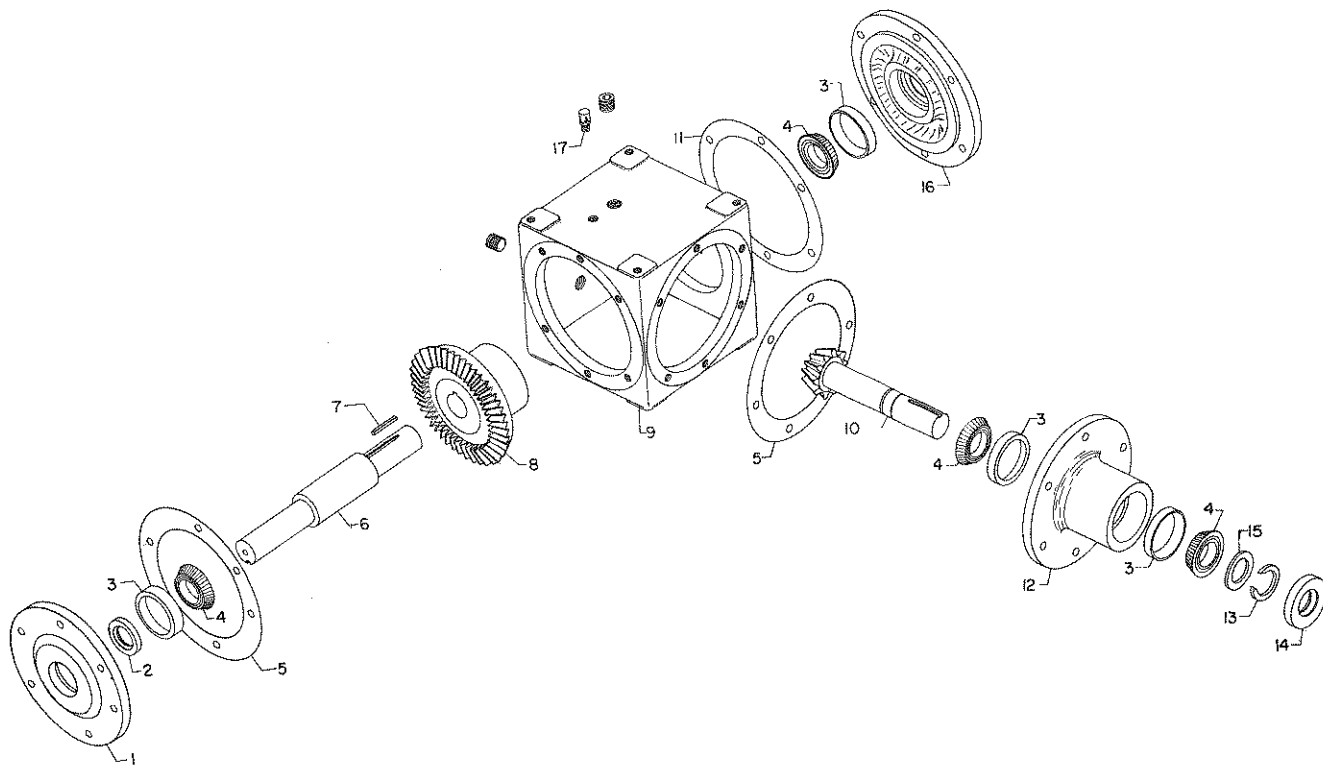
P.T.O. REAR DRIVE LINE

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



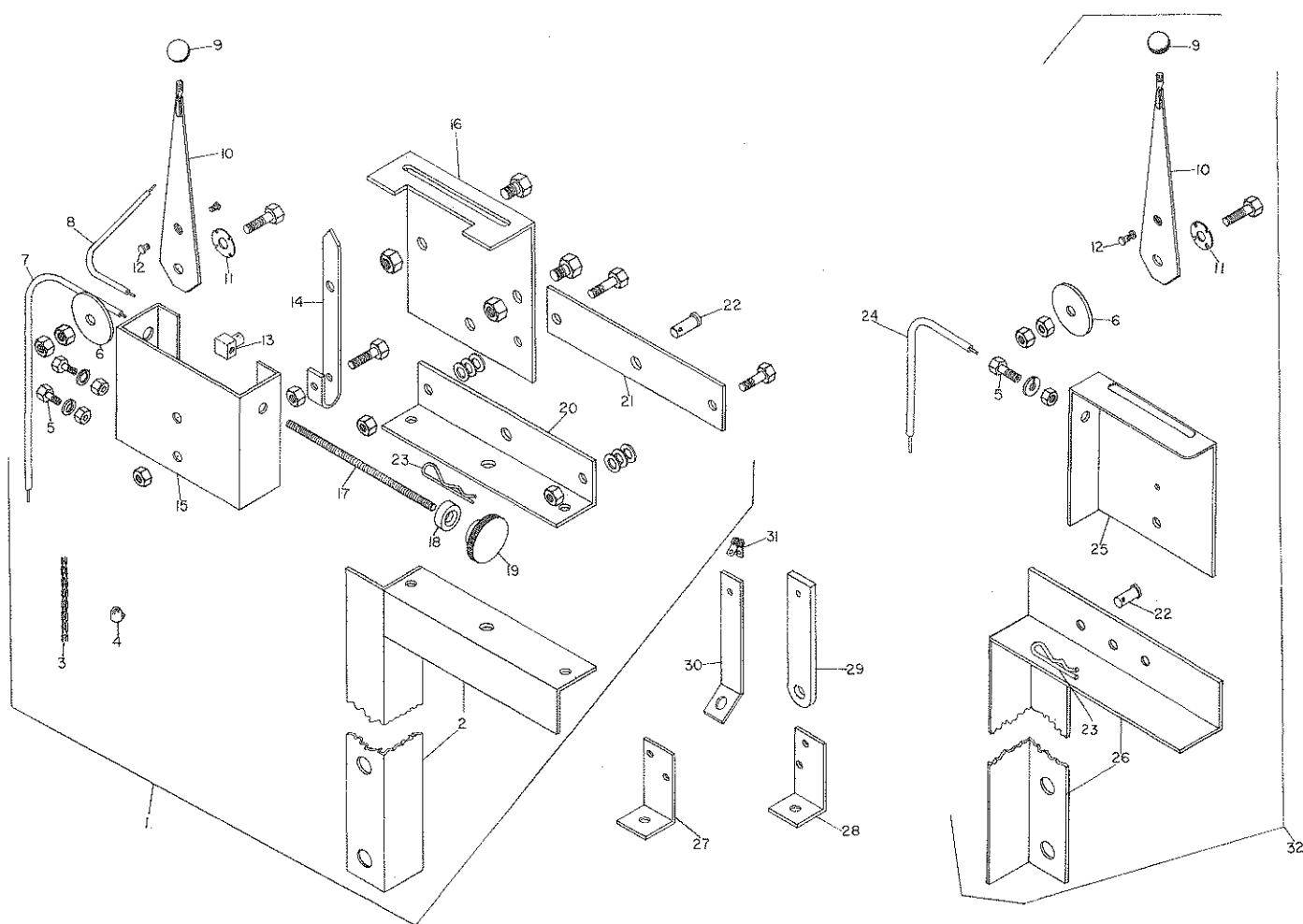
P.T.O. FRONT DRIVE LINE

REF. NO.	PART NO.	DESCRIPTION
1	F 1812	P.T.O. driveline assembly, front, 922-17-20179
2	F 890	Yoke assembly, QD, 1-3/8" - 6 spline, w/lock pin
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



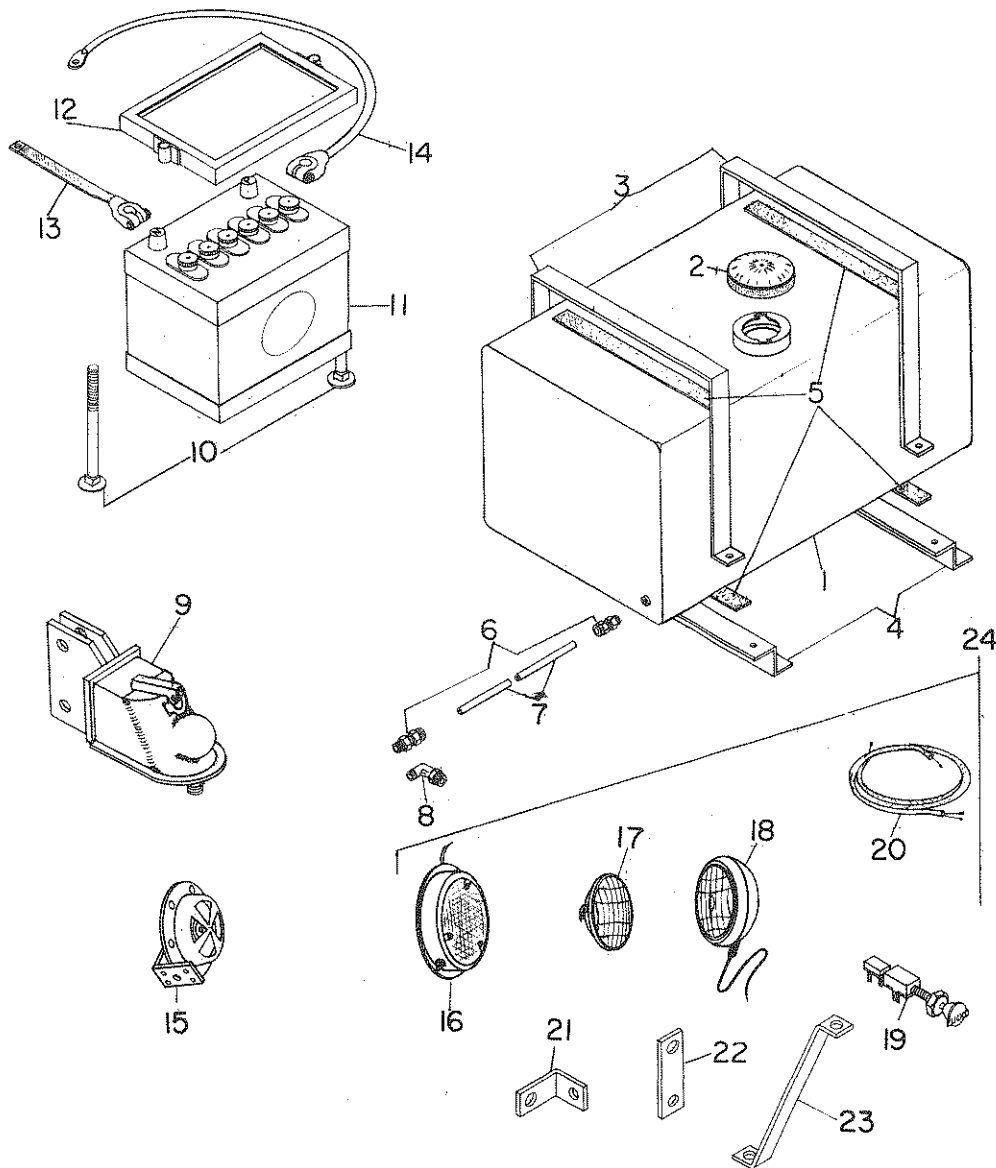
P. T. O. GEAR BOX

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



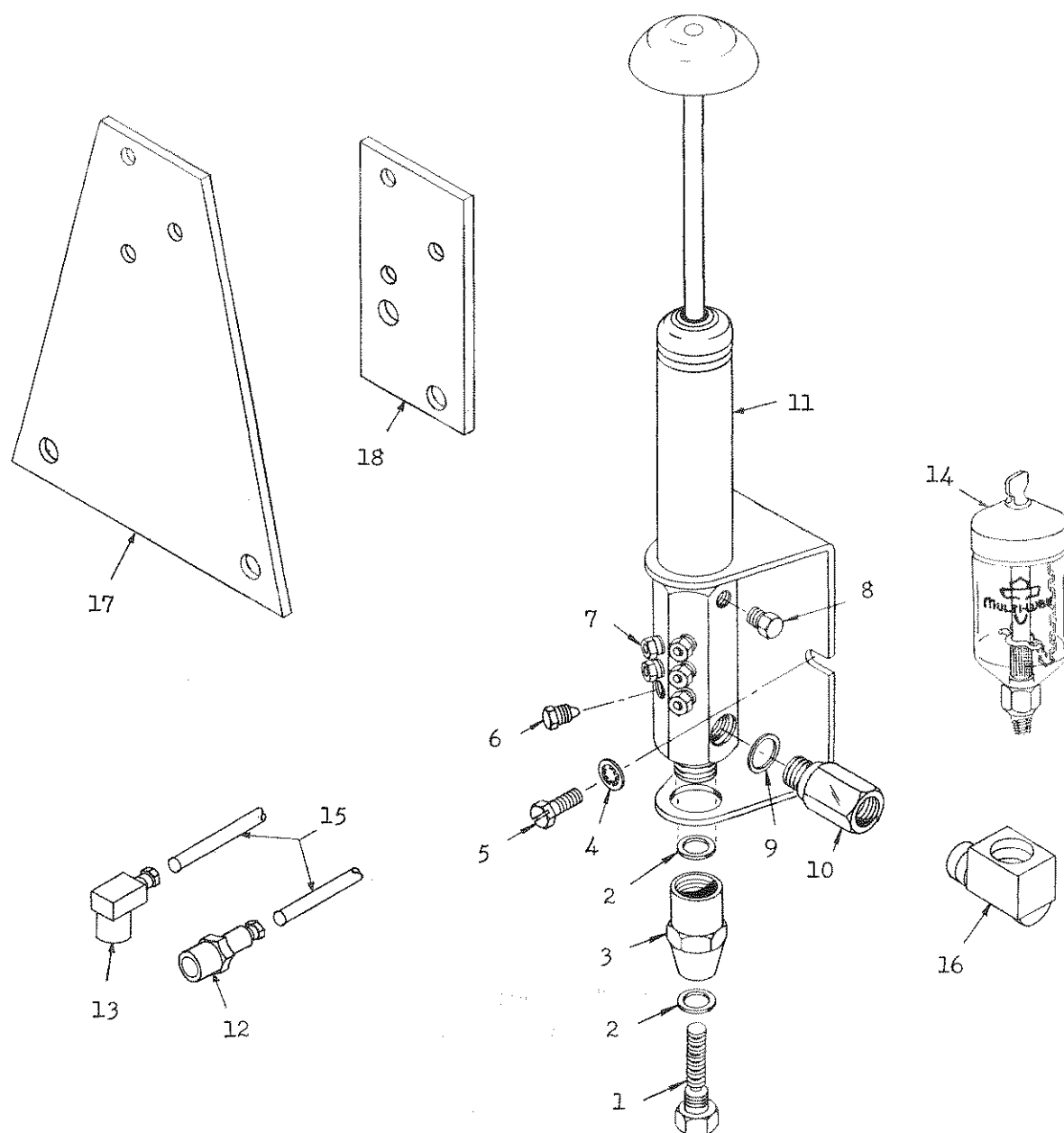
THROTTLE AND TENSION CONTROL STAND

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1.	F 1025	Control box complete, baler mounted	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			



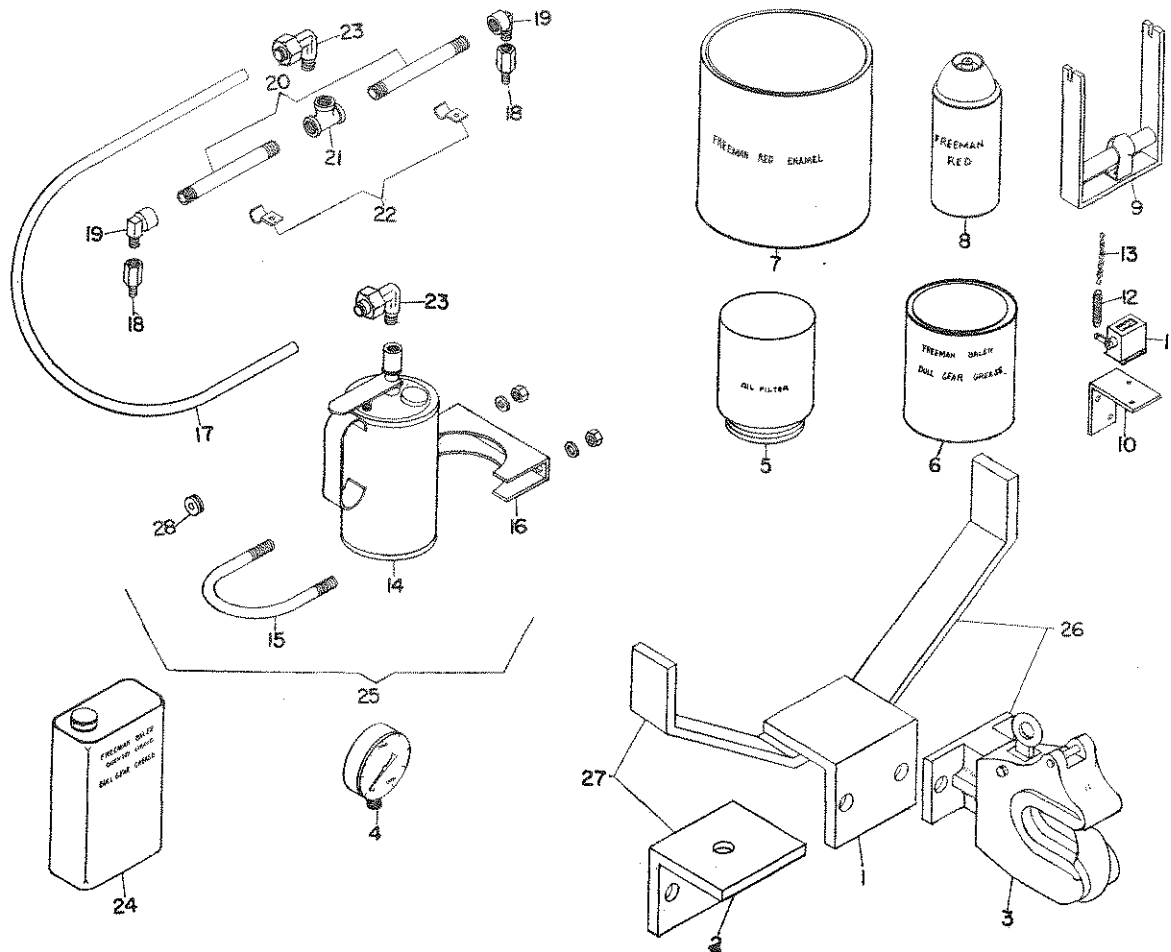
FUEL TANK, BATTERY AND LIGHTS

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 7228	Mounting bracket, center light
11	F 1499	Battery, 12 volt	24	F 8063	Light Kit, 12 volt with 2 - F 8059
12	F 5499	Battery hold down bracket			1 - F 8060, 1 - F 1505, 1 - F 862,
13	F 7742	Battery cable (ground) 12 volt			1 - F 8061, 1 - F 8062, 1 - F 7228,
14	F 7743	Battery cable (insulated) 12 volt			1 - F 1777



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.
				F 7626	Quickset lubricant 1 gal.
9	F 4193	Wire splicer	26	F 7617	Bullgear luber kit
10	F 7391	Bale counter mounting angle	27	F 732	Trailer hitch frame with Holland hitch
11	F 304	Bale counter (Veeder Root)	28	F 733	Trailer hitch frame with pin hitch
	F 635	Arm w/screw for F 304		F 7735	Grommet
	F 636	Reset knob for F 304			