



TRAILER PARTS MANUAL  
FOR PRO TWIN SLINGER

MODELS 8032, 8032HF, 8040

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Catalog Part Number 005849      Unit Serial Number \_\_\_\_\_

Operator Instruction Manual for this unit: 005847

ABBREVIATIONS

Assy.....	Assembly
A/R.....	As Required
B.....	Bolt
Brg.....	Bearing
BSN.....	Before Serial Number
Btm.....	Bottom
C-Bolt.....	Carriage Bolt
Cttr.....	Cotter
CV.....	Constant Velocity
Deg.....	Degree
Dia.....	Diameter
ea.....	Each
eq or Equiv.....	Equivalent
Fln.....	Flanged Lock Nut
Fw.....	Flat Washer
Ga.....	Gauge
Gr or Grd.....	Grade
Hd.....	Head
Hyd.....	Hydraulic
ID.....	Inside Diameter
Ill or Illus.....	Illustration
Ind.....	Indicator
Kw.....	Keyway
LH.....	Left Hand
Ln.....	Lock Nut
Lw.....	Lock Washer
Mtg Hrd.....	Mounting Hardware
NC.....	National Coarse
NF.....	National Fine
NPT.....	National Pipe Thread
OD.....	Outside Diameter
Pc(s).....	Piece(s)
PD.....	Pitch Diameter
PTO.....	Power Takeoff (shaft)
Q or Qty.....	Quantity
Reg Mach.....	Regular Machine
RH.....	Right Hand
SN.....	Serial Number
Spk, or Spkt or Sprkt.....	Sprocket
Sq.....	Square
SS.....	Stainless Steel
SSB.....	Stainless Steel Bolt
St.....	Straight
Std.....	Standard
STS.....	Self Tapping Screw
UASN.....	Used After Serial Number
UBSN.....	Used Before Serial Number
W.....	With
W/O.....	With Out

USING THIS SERVICE PARTS LISTING

This listing uses a number indentation system to specify the parts of an assembly. Any number which is indented to the right, indicates that it is a component of the item to the upper left. Example:

Part no	Qty	Description
102-AAA	#	Assembly A
102-BBB	#	Sub-Assembly B
(140-xxx)	#	Sub-Component of B
(140-xxx)	#	Sub-Component of B
102-CCC	#	Sub-Assembly C
(140-xxx)	#	Sub-Component of C
etc.		

Using this system, the subassemblies and their components are included if an Assembly is ordered. Similarly, the components of a subassemblies are included if a subassembly is ordered.

The quantity (Qty) associated with an assembly, represents the number of times an assembly could be shown in the drawing. The subassembly quantity however, is the number of times a subassembly is used to build one assembly. Similarly, the component quantity refers to the number of times a given component is found in one subassembly.

MODEL AND SERIAL NUMBER INFORMATION is located near the front left hand corner (Fig. A). The model number, serial number and part number should be known when asking service personnel for parts.

If you cannot find the part you need, be as descriptive as possible when placing an order:

Sprockets: give the bore size, number of teeth, and size of keyway.

Roller chain: give the size of chain (stamped on the side of each link) and number of links.

Shafting: give the diameter, length, and quantity and size of keyways.

Hardware is generally not included with parts. If you need any hardware, check the size, the length, and the grade (Fig. B), then check the hardware list in this manual for the part numbers.

All hex head bolts are grade 5, and nuts are grade B unless otherwise stated.

The hardware listing also includes listings for zerks, cotter pins, set screws, and roller chain links.

The illustrations in this manual are meant to be used only as a guide for identifying parts and locating their relative positions.

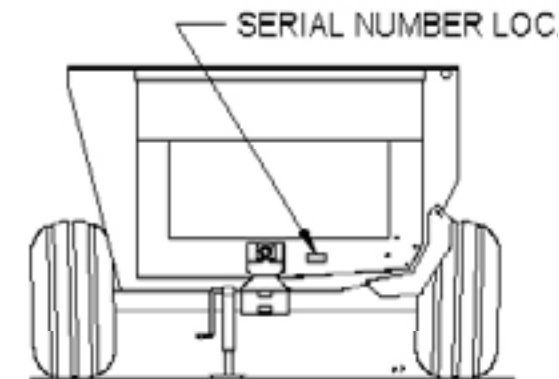


Fig. A



Fig. B

FRONT END PARTS

REF	PART NO	QTY	DESCRIPTION
1	174-676	1	Jack, sidewind 10,000 lb
2	174-838	1	Jack Mount Pin (includes "R" clip)
3	174-840	1	Crank Assembly
4	174-839	1	Jack Mount Tube (weld on)
5	102-047	1	Clevis Assy(bolt on);Mtg Hrd:(171-877) 3/4"x 2"B Grd8,(171-900)3/4"LN Grd8(4ea)
6	134-868	1	Tongue Clevis Mount 8032 ONLY (weld on)
	140-412	1	Tongue Clevis Mount 8040 ONLY (weld on)
7	135-604	1	Shield; PTO Cover
8	171-393	2	Washer, Belleville 3/8"
9	170-262	2	5/16" x 3/4" Bolt
10	170-028	2	Nut, Flange Lock 5/16"

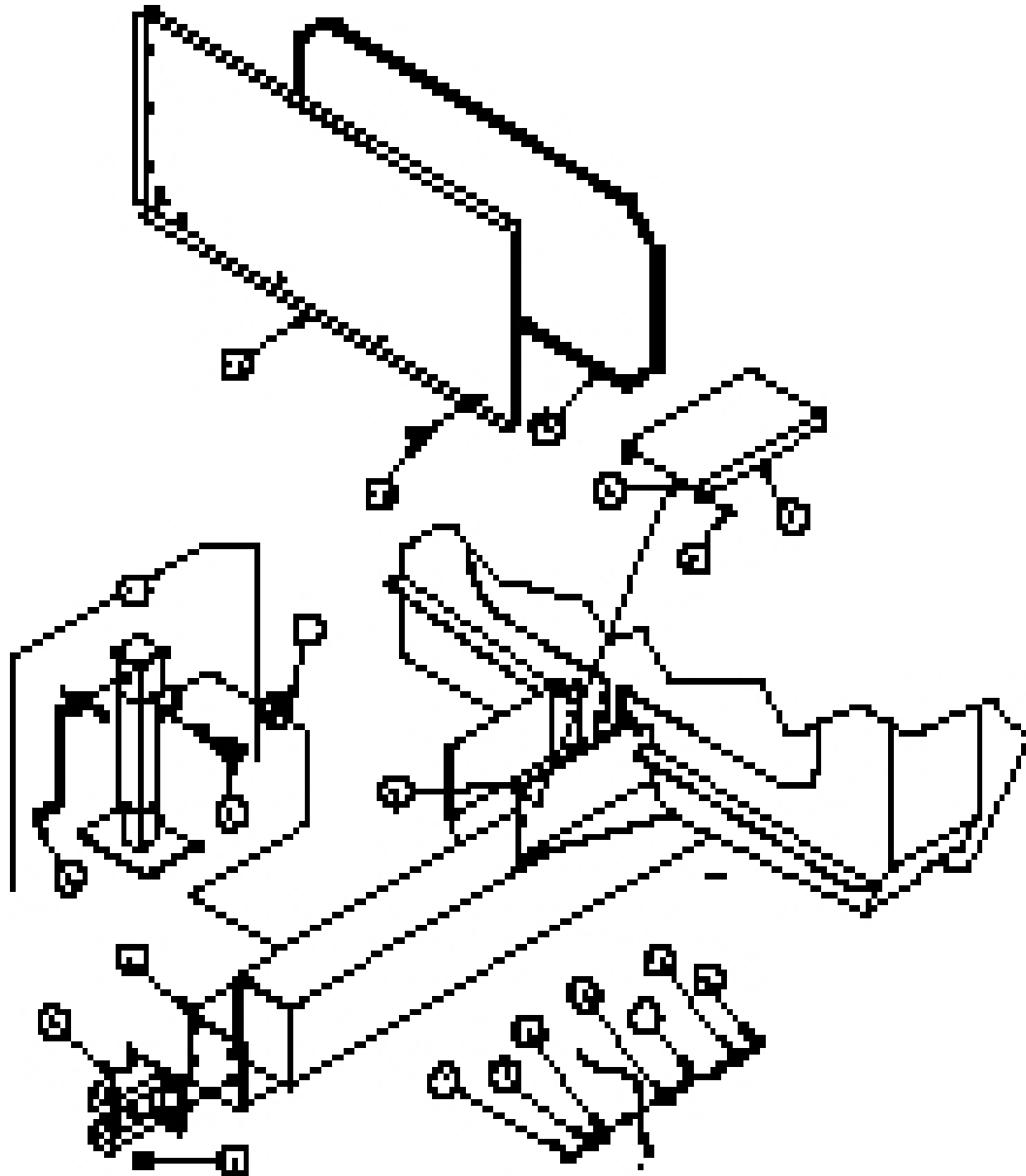
GREASE LINES

11	170-865	1*	Grease Zerk 1/8" NPT
12	172-024	1*	Coupling
13	172-822	2*	Compression Fitting
14	180-630**	17'	Grease Line Tubing(Total length required for all grease fittings)
		27"	Required for lower auger front bearing
		15"	Required for lower auger rear bearing
		14"	Required for upper auger front bearing
		42"	Required for upper auger rear bearing
		19"	Required for upper counter shaft front bearing
		19"	Required for upper counter shaft rear bearing
		23"	Required for lower counter shaft front bearing
		15"	Required for lower counter shaft rear bearing
		33"	Required for input shaft inner bearing
		21"	Required for hammer shaft front bearing
15	172-823***	1*	Adapter Fitting
16	170-244	1*	Flat Washer 3/8"
17	134-840	1	Front Shield
18	171-935	12*	Gasket
19	171-929	14	Wing Nut, 3/8"
20	140-848	1	Hitch-Saver Disc (Nylatron)

\* Quantity required to complete 1 grease line assy

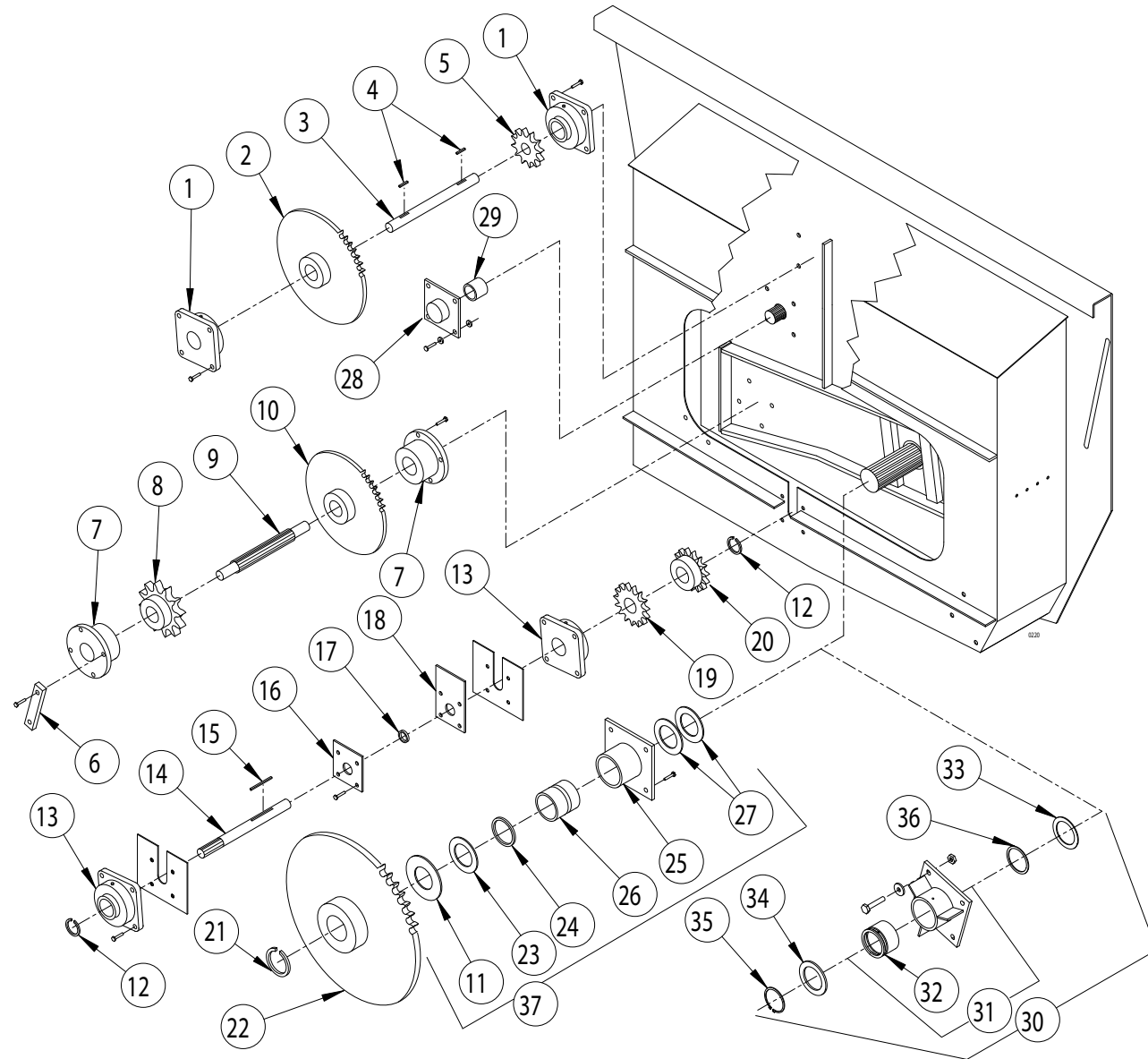
\*\* Sold by the linear foot.

\*\*\* Not required on all installations.

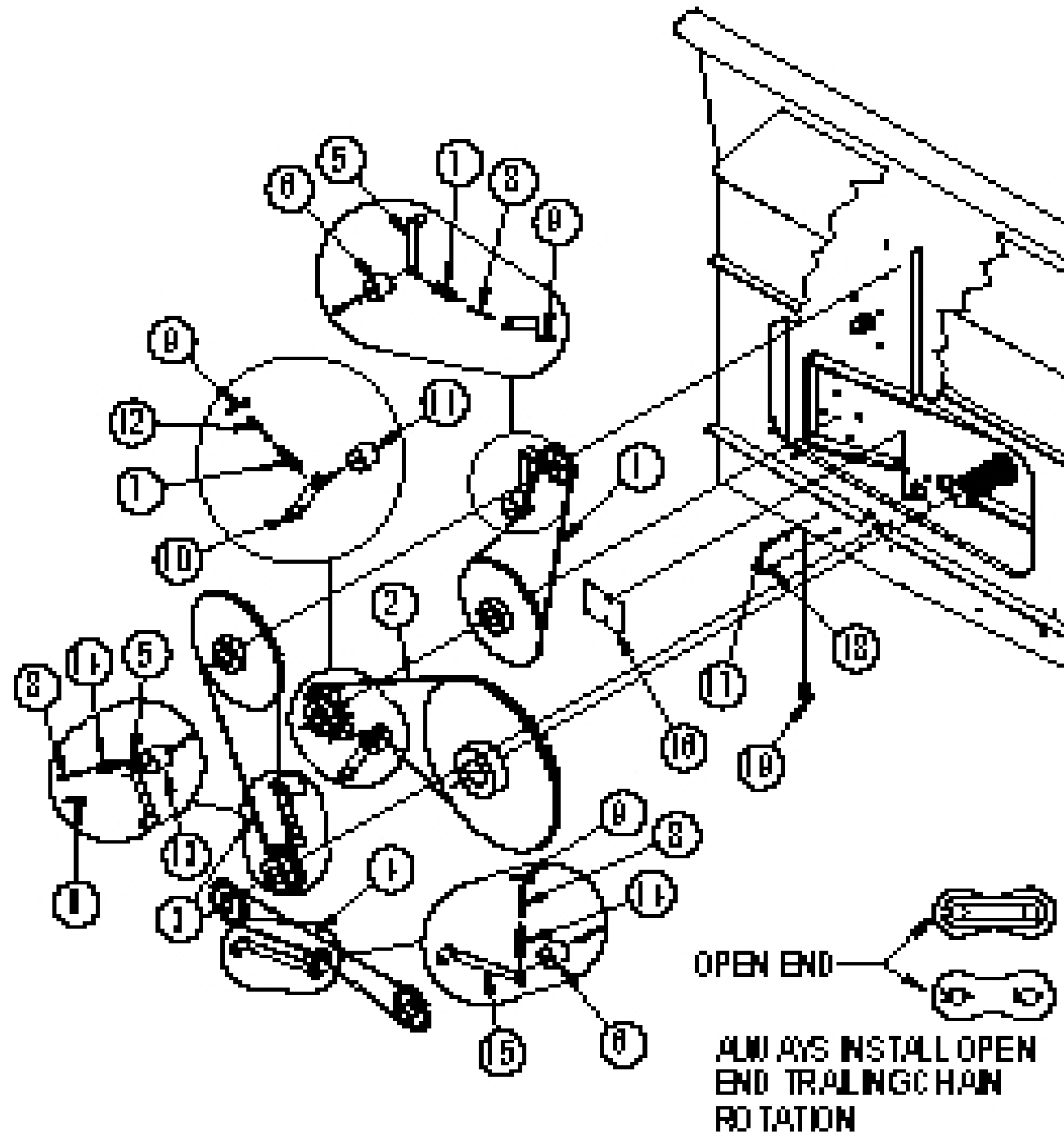


**FRONT DRIVE PARTS**

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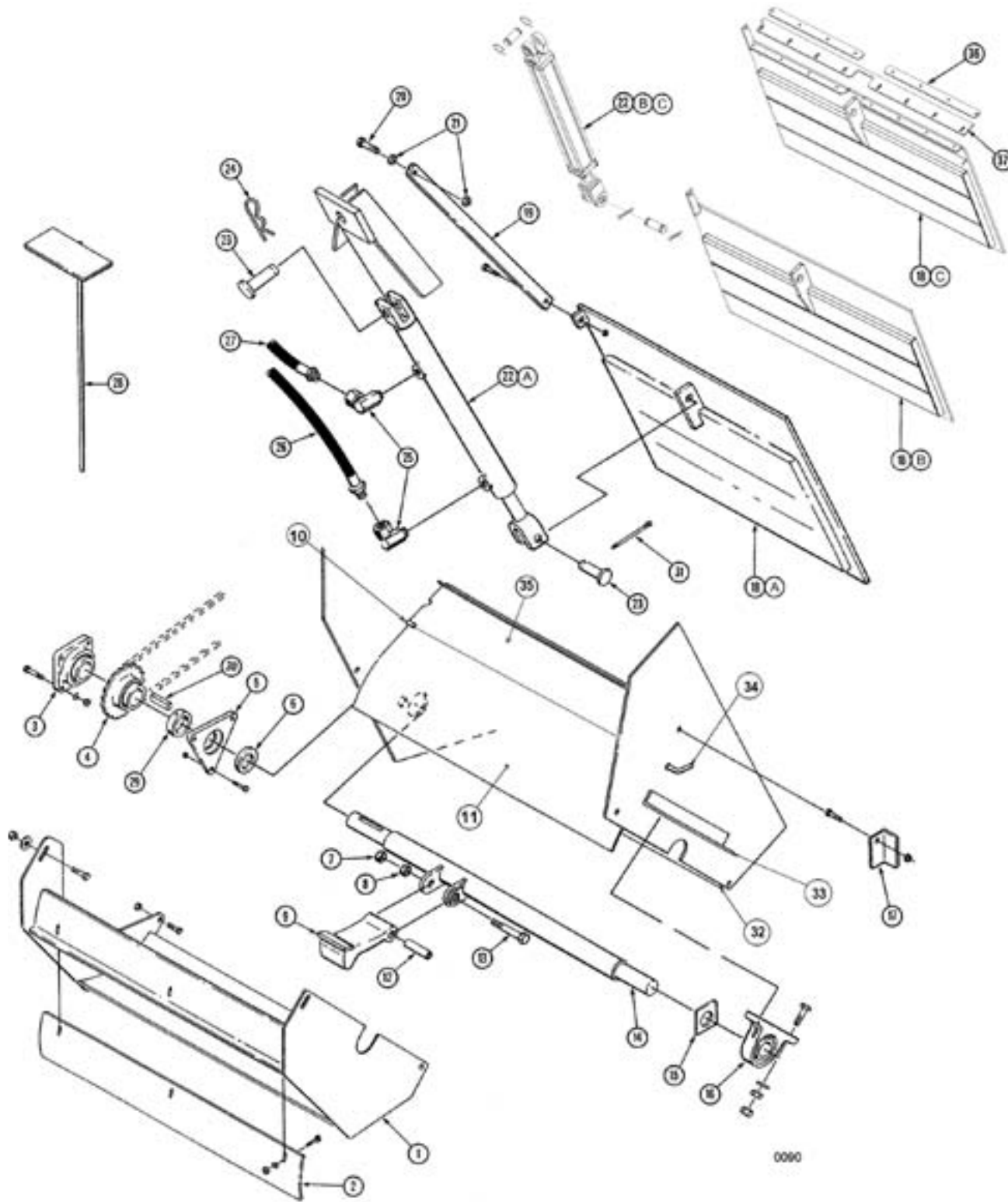


REF	PART NO	QTY	DESCRIPTION
1	170-008	2	Bearing, 2" Roller; Mtg Hrd: 5/8" x 1-3/4" Bolt, Lw, Nut (4 ea)
2	136-176	1	Sprocket; 60-B-90, 2" Bore - 1/2" Keyway
3	134-842	1	Counter Shaft; 2" x 12 1/2"
4	170-835	2	Key; 1/2" Sq. X 1-1/2"
5	134-787	1	Sprocket; 100-B-12, 2" Bore
6	134-883	1	Bearing Spacer
7	170-365	2	Bearing; 2-1/2" Double Roller, Mtg Hrd: (4) 5/8" x 2-1/2" Bolt, Lw, Nut (Outer Bearing) (4) 5/8" x 2" Bolt, Lw, Nut (Inner Bearing)
8	134-789	1	Sprocket; 140-B-11, 3" Splined
9	134-834	1	Counter Shaft; 3" x 11-5/8" Splined
10	134-788	1	Sprocket; 100-B-36, 3" Splined
11	140-425	1	Metal Washer; 4" ID x 5-9/16" OD x 1/4" Thk.
12	171-387	2	Snap Ring; 1-1/2" External
13	172-288	2	Bearing; 1-1/2" Eccentric Lock Mtg Hrd: (4) 1/2" x 1-3/4" Bolt, Lw, Nut (Outer Bearing) (4) 1/2" x 2" Bolt, Lw, Nut (Inner Bearing)
14	134-780	1	Input Shaft; 1-1/2" x 15.15/16" Splined
15	170-052	1	Key; 3/8" Sq. X 2-1/8"
16	134-906	1	Seal Retainer Plate
17	172-355	1	Seal, Lip, 1-1/2" C/R. #14864
18	134-898	1	Shaft Spacer Plate
19	136-177	1	Sprocket; 80-B-15, 1-1/2" Bore - 3/8" Keyway
20	136-175	1	Sprocket; 60-B-23, 1-1/2" Bore - 3/8" Keyway
21	171-989	1	Snap Ring; 4" External (Tru-Arc, 5100-400)
22	134-790	1	Sprocket; 140-B-45, 4" Splined
23	140-424	1	Nylon Thrust Washer; 4" ID x 5-1/2" OD x 1/8" Thk
24	172-913	1	Quadring Seal; 4" ID
25	102-259	1	Bearing; 4", Mtg Hrd: (4) 7/8" x 3" Bolt, Lw, Nut
26	135-692	1	Bearing Sleeve; 4 3/4" x 3/8" Wall x 5 1/8"
27	135-697	2	Plastic Thrust Washer; 4" ID
28	102-212	1	Bearing; 2" Mtg Hrd: 5/8" x 1 1/4" Bolt, Fw, Ln (4 ea)
29	135-614	1	Bearing Sleeve; 2" ID x 2-1/2" OD x 2" Lg.
30	70300066	1	Kit, sealed 4" thrust Bearing
31	104-292	1	Bearing Assembly
32	143-092	1	Tube, 4-3/4" x 4"
33	143-094	1	Plastic Washer
34	143-096	1	Nylatron Washer
35	171-989	1	Snap Ring
36	175-553	1	V-Ring Seal
37	300-066	1	Kit, Sealed 4.00 Thrust BRG.



**FRONT DRIVE PARTS**

REF	PART NO	QTY	DESCRIPTION
1	172-485	1	Roller Chain; 100-1-76 Pitch, W/Connector Link
2	172-489	1	Roller Chain; 140-1-66 Pitch, W/Connector Link
3	173-080	1	Roller Chain; 60-1-148 Pitch, W/Connector Link
4	172-283	1	Roller Chain; 80-1-85 Pitch, W/Connector Link & Half Link
5	101-911	2	Chain Tightener Arm
6	134-155	2	Poly Tightener Block, 3" OD x 2 1/2" Mtg Hrd: 1/2" x 2 3/4" Bolt, Fw, Lw, Nut
7	172-751	2	Spring; 8 1/4" LG x 1 1/2" OD
8	170-845	3	Machine Chain; #4 x 17 Links
9	170-800	4	Clinch Pin
10	102-069	1	Chain Tightener Arm
11	134-919	1	Poly Tightener Block; 3" OD x 2 7/8" Mtg Hrd: 1/2" Fw, Lw, Nut
12	171-045	1	Machine Chain; #4 x 22 Links
13	134-086	1	Poly Tightener Block; 3" OD x 3" Mtg Hrd: 1/2" x 4" Bolt, Fw, Lw, Nut
14	172-005	2	Spring; 6" LG x 1" OD
15	101-761	1	Chain Tightener Arm
16	134-908	1	Cover Plate; Mtg Hrd: (4) 1/2" x 1" Bolt, Lw, Nut
17	171-252	1	Bolt, 1/2" x 1" and 172-884 Plastic Washer
18	170-149	4	Bolt; 1/2" x 1", Lw, Nut (used as plug)
19	171-919	1	Drain Plug, 1 1/4" PVC



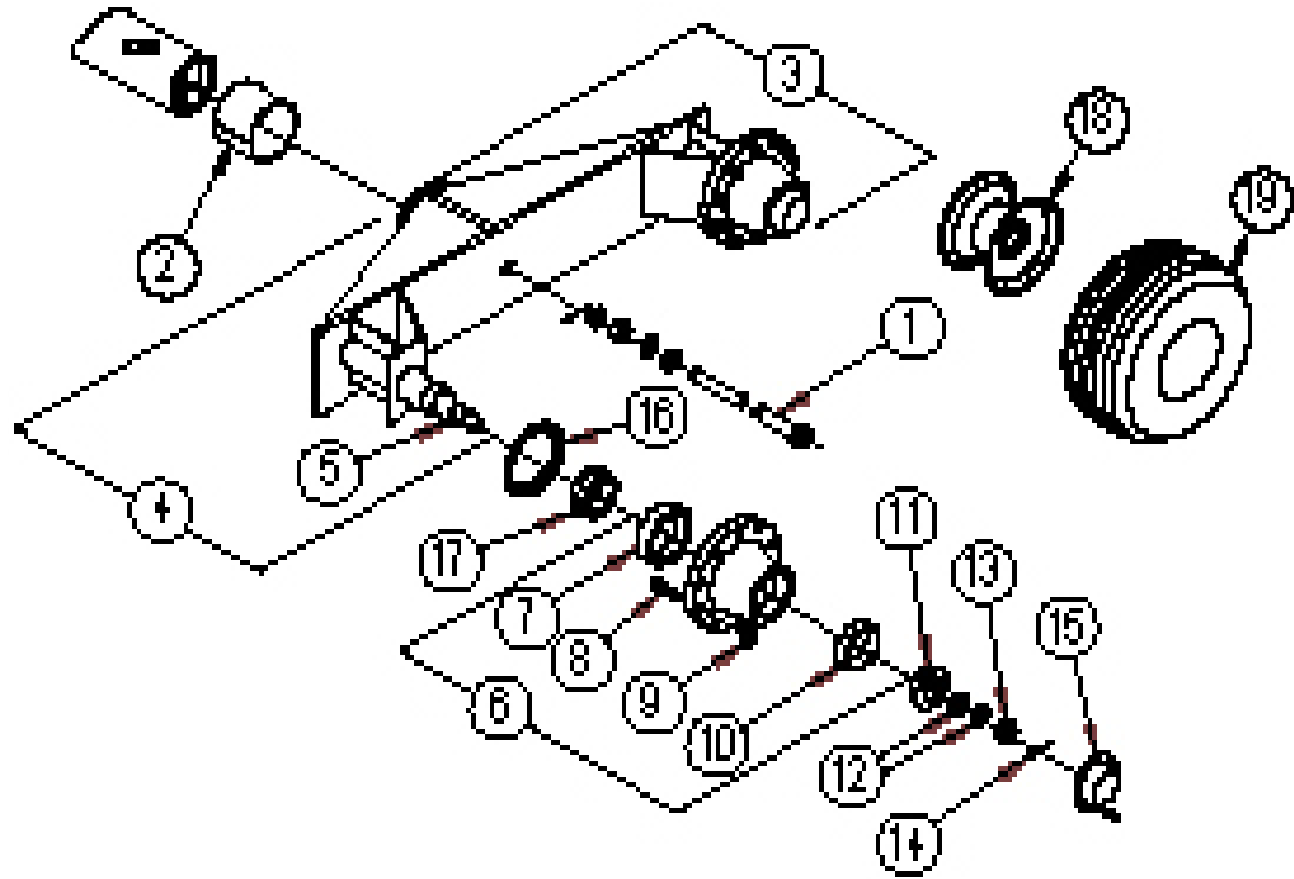
DISCHARGE PARTS

REF	PART NO	QTY	DESCRIPTION
1	102-059	1	Discharge Shroud Assy; Mtg Hrd 3/8" x 1" Bolt, & LN (4 ea) 3/8" Machine Washer (2 ea) (upper shroud mt. only)
2	134-666	1	Shroud Visor; Mtg Hrd 5/16" x 1" FW, LW & Nut
3	170-008	1	Bearing; 2" Flanged; Mtg Hrd 5/8" x 1 3/4" LW & Nut (4 ea)
4	136-178	1	Sprocket; 80-B-18, 2" Bore 1/2" Keyway
5	134-831	1	Seal Retainer Plate; Mtg Hrd: 5/16" x 1" FLN (3 ea)
6	133-277	1	Seal, 2 1/2" ID Plastic
7	170-031	14	Lock Nut; 5/8" (Grade 5)
8	170-037	14	Jam Nut; 5/8" (Grade 5)
	172-866	1	Jam Lock Nut; 5/8" (Grade 5)(rear hammer only)
9	175-035	15	Hammer
10	133-637	1	Cover Hinge; 3/8" x 2", Weld On
11	134-846	1	Top Door Frame; Weld On
12	172-422	15	Bushing; Straight Nylon
13	172-421	14	Bolt; 5/8" x 5 1/2" Bolt (Grade 5)
	142-003	1	Bolt; 5/8" x 5 1/2" Bolt (Grade 5) (rear hammer only)
14	101-988	1	Hammer Shaft Assy
15	134-875	1	Plastic Shaft Seal; 1/8" x 4" x 5"
16	171-586	1	Pillow Block Bearing 2"; Mtg Hrd; 5/8" x 2 1/2" (172-381) B, FW, JN & LN (2 ea.)
17	134-874	1	Lock Angle; Mtg Hrd: 5/16" x 1" Bolt, Fw, & Nut
18	103-899 <sup>C</sup>	1	Discharge Door Assy
	105-572 <sup>B</sup>	1	Discharge Door Assy
	102-061 <sup>A</sup>	1	Discharge Door Assy
19	134-878	1	Door Height Indicator Bar; Mtg Hrd: 5/16" x 3/4" Bolt & Lock Nut
20	170-885	1	Bolt; 1/2" x 2 1/2"
21	170-004	2	Nut; 1/2"
22	173-220 <sup>B,C</sup>	1	Hydraulic Cylinder; 2" x 18" Stroke (Seal Kit # 170-075)
	172-752 <sup>A</sup>	1	Hydraulic Cylinder; 2" x 18" Stroke (Seal Kit # 170-075)
23	170-073	2	Clevis Pin; 1" x 2 1/2"
24	170-074	1	Hair Pin Clip; 3" Long, 5/32" Wire Dia.
25	171-030	2	Adapter; 3/8" x 90 Degree
26	171-464	1	Hydraulic Hose; 1/4" x 190" OAL (Lower)
27	170-471	1	Hydraulic Hose; 1/4" x 170" OAL (Upper)
28	101-636	1	Clean Out Tool
29	172-772	1	Lock Collar, 2"
30	170-835	1	Key; 1/2" x 1/2" x 1 1/2"
31	170-115	1	Cotter Pin; 3/16" x 2"
32	134-649	1	Mount; Bottom 5/16 x 14 1/32 x 38 5/8, Weld On
33	133-288	1	Bearing Mount; RH, Weld On
34	134-636	1	Clean Out Handle
35	134-899	1	Clean Out Door; Weld On
36	144-741 <sup>C</sup>	2	Retainer; Mtg Hrd; 5/16" x 1-1/4" Bolt, Fln (6 ea)
37	144-736 <sup>C</sup>	1	Plastic Seal

A: Use for 8032 serial numbers 445 and before and 447-457. Use for 8040 serial numbers 308 and before.  
 B: Use for 8032 serial numbers 446, 458-584, and A0001-A0045. Use for 8040 serial numbers 309-404, and A0001-A0015.  
 C: Use for 8032 serial numbers A0046 and after. Use for 8040 serial numbers A0016 and after.

\* Use AWS E10018 Electrode or Greater When Welding Replacement Tips (Order Welding Rod Kit 300-030)

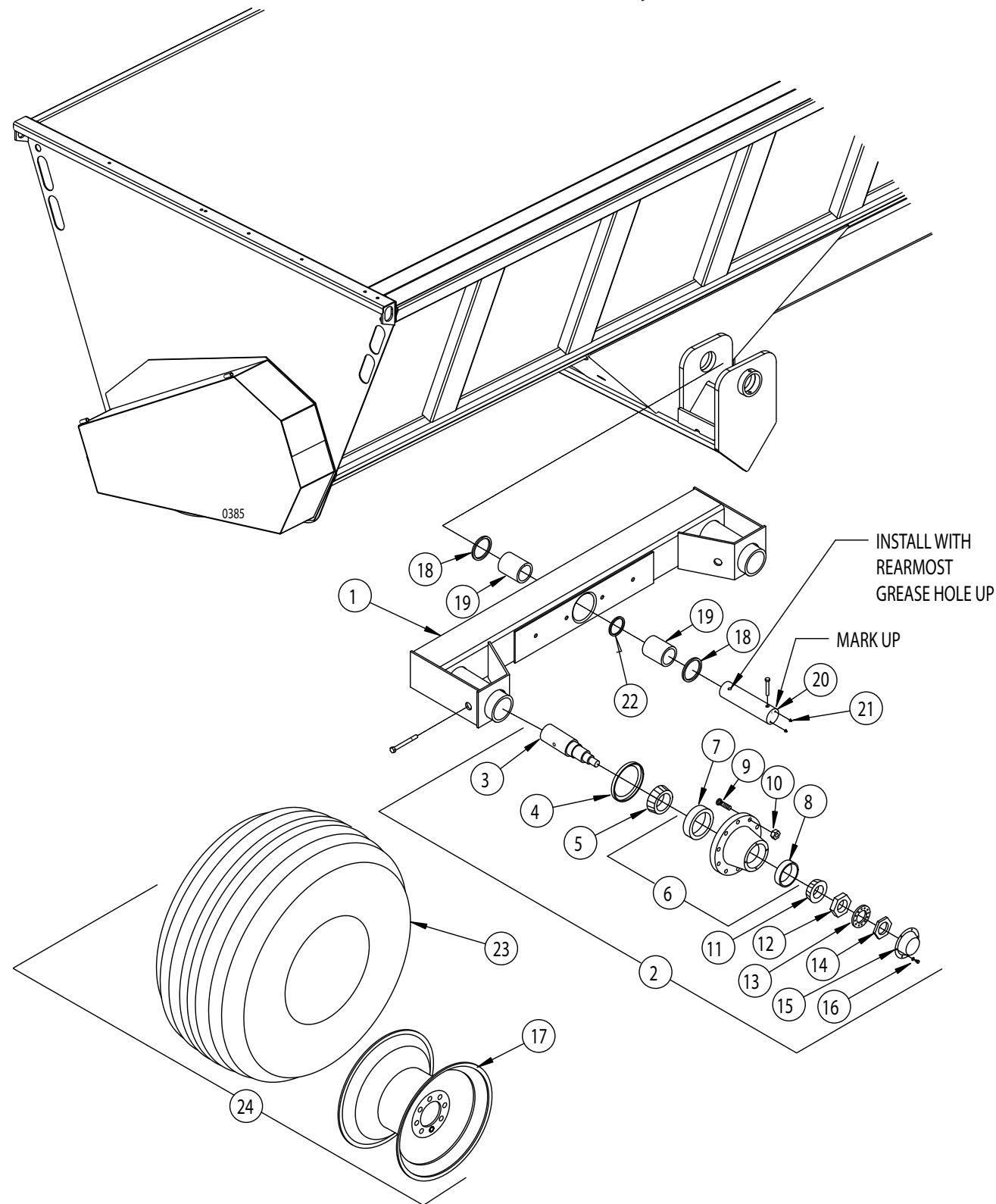
8032 Only



RUNNING GEAR PARTS

REF PART NO	QTY	DESCRIPTION
1 102-046	1	Tie Rod Assembly Mtg Hrd: 3/4" Nut, Jam Nut, (170-236) Cotter Pin (1 ea) & Fw (2)
2 134-843	1	Bushing; Bogie Pivot
3 102-048	1	RH Bogie Assembly
4 102-066	1	RH Bogie Weldment
170-865	1	Grease Zerk 1/8" NPT
5 134-824	2	Spindle; 3 3/8" x 17-3/4"
6 172-396	2	10-Bolt Hub
7 172-361	1	Inside Bearing Race; 4 5/8" Timken #33462
8 170-919	10	Wheel Stud; 3/4"
9 170-920	10	Wheel Nut; 3/4"
10 170-922	1	Outside Bearing Race; 4 1/4" Timken# 453
11 170-921	2	Outside Bearing Cone; 1 3/4" Timken# 460
12 170-928	4	Spindle Washer
13 170-927	2	Castle Nut; 1 1/4"
14 170-056	2	Cotter Pin; 1/4" X 2"
15 170-926	2	Dust Cap; Mtg Hrd: (4) 5/16" x 3/4" Screw
16 172-362	2	Grease Seal, C/R 33772
17 172-360	2	Inside Bearing Cone; 2 3/4" Timken #33275
3 102-049	1	LH Bogie Assembly
4 102-065	1	LH Bogie Weldment
170-865	1	Grease Zerk 1/8" NPT
5 134-824	2	Spindle; 3 3/8" x 17 3/4"
6 172-396	2	10-Bolt Hub
7 172-361	1	Inside Bearing Race; 4 5/8" Timken #33462
8 170-919	10	Wheel Stud; 3/4"
9 170-920	10	Wheel Nut; 3/4"
10 170-922	1	Outside Bearing Race; 4 1/4" Timken# 453
11 170-921	2	Outside Bearing Cone; 1 3/4" Timken# 460
12 170-928	4	Spindle Washer
13 170-927	2	Castle Nut; 1 1/4"
14 170-056	2	Cotter Pin; 1/4" x 2"
15 170-926	2	Dust Cap; Mtg Hrd: (4) 5/16" x 3/4" Screw
16 172-362	2	Grease Seal, C/R 33772
17 172-360	2	Inside Bearing Cone; 2 3/4" Timken #33275 .
18 172-481	4	Wheel; 16.1" x 18C, 10-Hole, 0 offset
172-312	4	Wheel; 22.5" x 13.5", 10-Hole, 0 offset
19 172-482	4	Tire, 21.5" x 16.1" x Implement, New
172-313	4	Tire 18 x 22.5" Truck Recap w/Imp. Tread

8032HF & 8040 Only

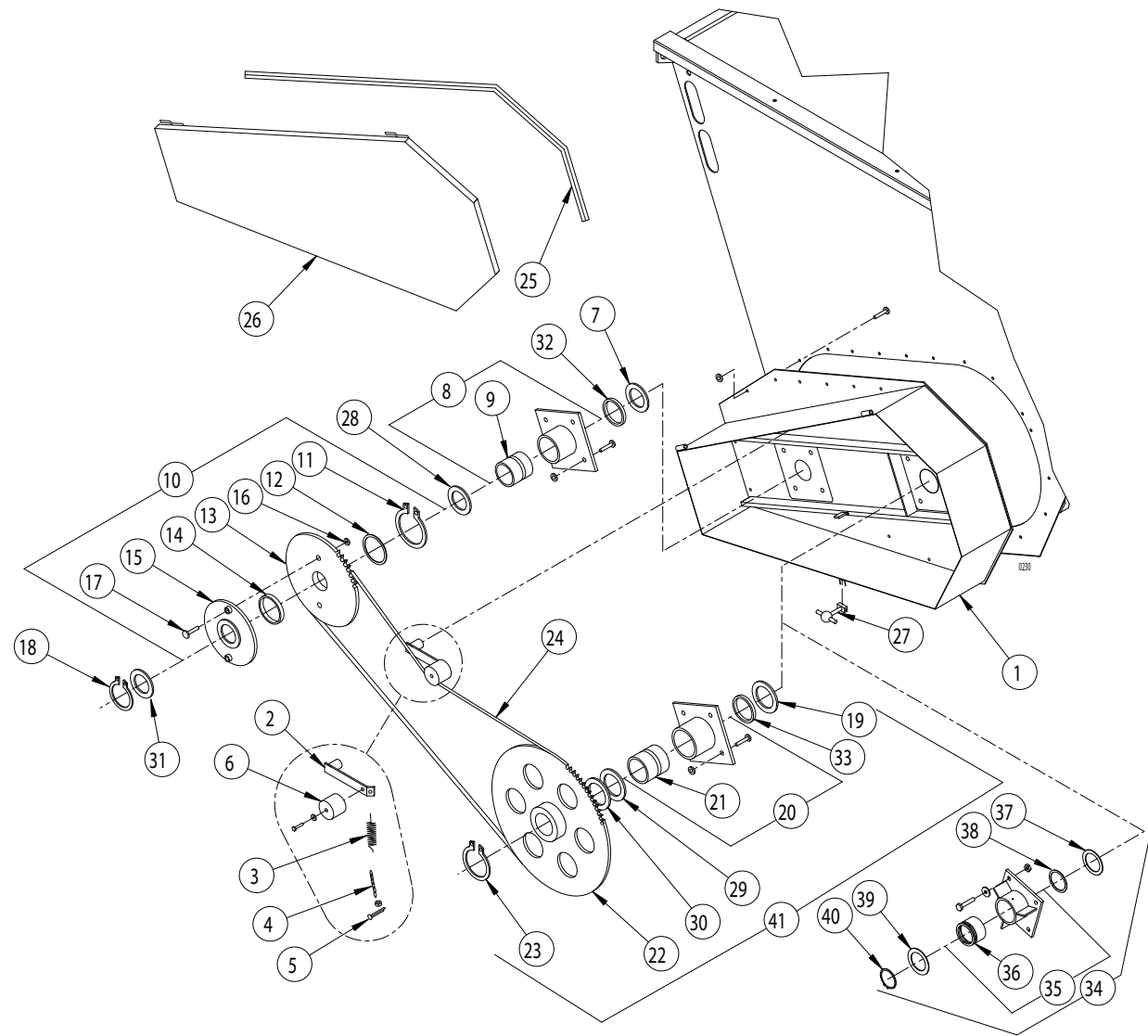


RUNNING GEAR PARTS

REF PART NO	QTY	DESCRIPTION
1 103-611	2	Bogie Weldment
2 103-630	4	Hub & Spindle Assembly
3 140-434	1	Spindle; Round, 4 1/2" x 22 1/4"; Mtg Hrd: 5/8" x 6 1/2" B, LN
4 173-006	1	Seal; Lip, 4 7/16" x 6" x 1/2"; Transcom #44605 SA
5 173-001	1	Bearing; Cone, 3 9/16" Timken HM218248
6 172-999	1	Hub; Wheel, 10 Bolt w/Bearing Races 11 1/4" BC (Includes 170-023 Zerk)
7 173-031	1	Bearing; Race, Inside, 5.7864 Timken# HM218210
8 173-032	1	Bearing ;Race, Outside, 4.8125 Timken# HM212011
9 174-784	10	Stud; Wheel, 3/4" NF RH THD
10 170-920	10	Nut; Wheel, 3/4" NF RH THD
11 173-002	1	Bearing; Cone, 2 5/8" Timken HM212049
12 173-003	1	Nut; Spindle, Inner W/Stud DANA M10HM101 (M682)
13 173-004	1	Washer; Lock DANA M10HM100 (M683)
14 173-005	1	Nut; Spindle, Outer DANA M10HN102 (M684)
15 173-007	1	Hub Cap
16 170-262	6	Screw; Hex Hd, 5/16" x 3/4" NCGR5
17 173-158	4	Wheel; DW20A-26, 10-Hole, 0 offset (High Flotation)
174-677	4	Wheel; 26.00 x DW25A, 10-Hole, 0 offset (High Flotation)
18 140-435	4	Thrust Washer; 4 3/4" x 6-1/2" x 1/8" Thk.
19 140-436	4	Bushing; Nylon, 4 3/4" OD x 3/8" x 4 3/16"
20 146-376	2	Pivot Pin; Bolt, 174-944 Grade 8, Lock nut 171-671 Grade 8
21 170-865	4	Grease Zerk; 1/8" NPT
22 141-121 <sup>A</sup>	2	Spacer Ring
23 174-528	4	Tire; 23.1 x 26, Turf Tread
174-678	4	Tire; 28L x 26, Diamond Tread
24 140-813	2	Tire & Wheel Assembly 23.1x26
105-753	2	Tire & Wheel Assembly 28Lx26

A: Use after Serial Number 8032-276, and 8040-183. If replacing bushings in previous units, Spacer ring will also be needed.

**REAR DRIVE PARTS**



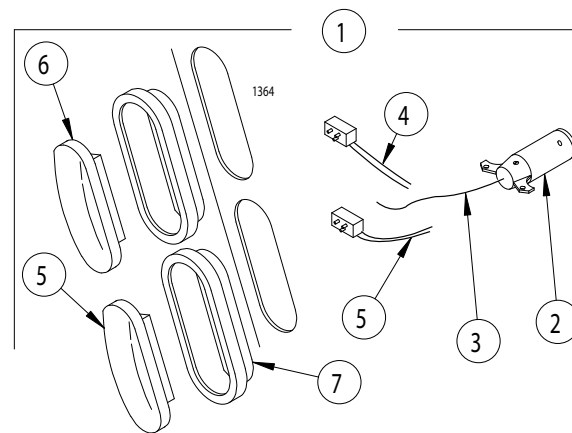
**REAR DRIVE PARTS**

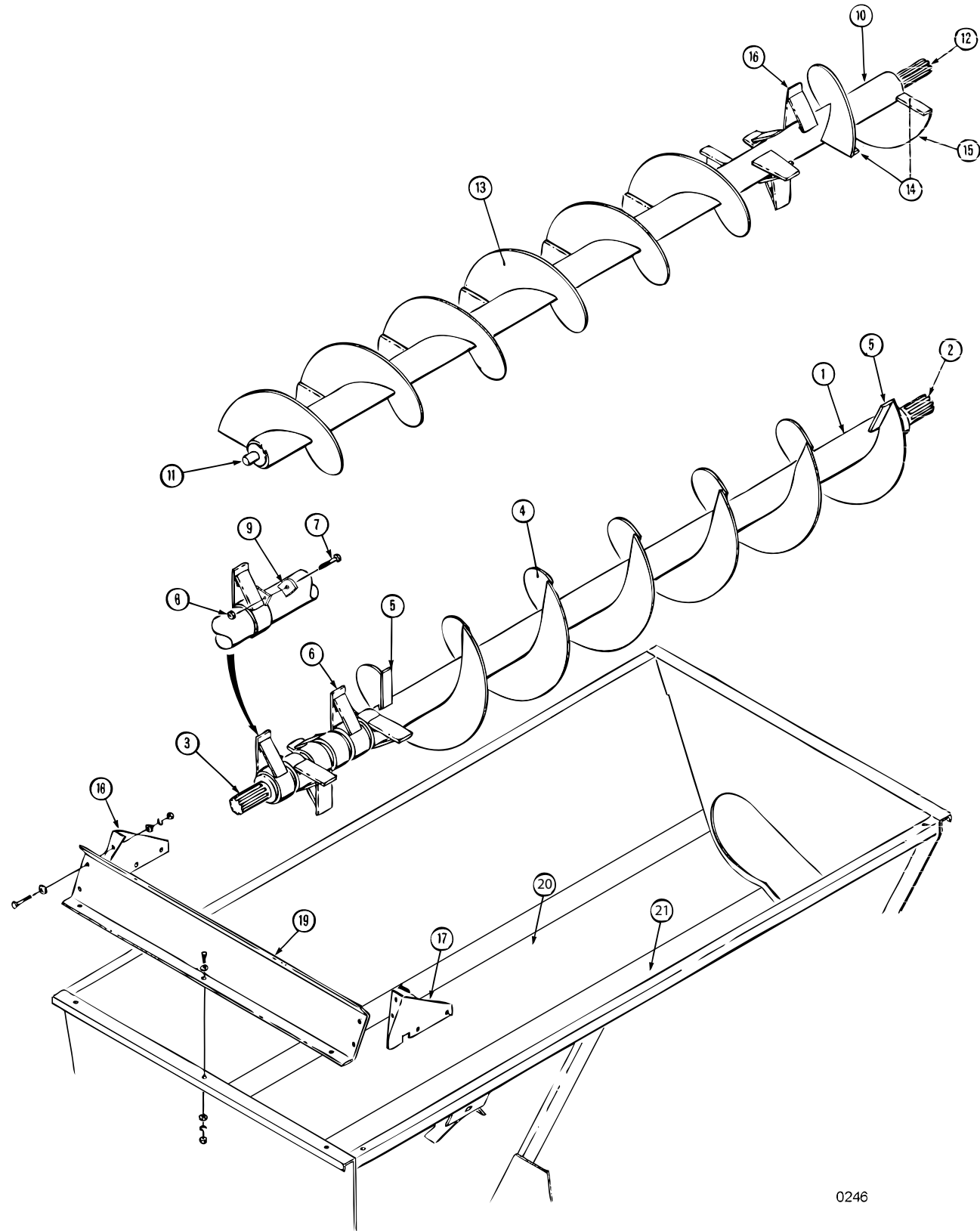
REF	PART NO	QTY	DESCRIPTION
1	103-601	1	Rear Drive Enclosure; Mtg Hrd: 3/8" x 1" Bolt, LW, & Nut (21 ea)
2	101-911	1	Chain Tightener Arm
3	172-751	1	Spring; 1 1/2" OD x 8 1/4"
4	170-845	1	Machine Chain; #4 x 17 Links, 7/16" FW
5	170-800	1	Clinch Pin; 1 1/2" Long
6	134-086	1	Tightener Block; 3" x 3", Mtg Hrd: 1/2" x 4" Bolt, FW, LW, & Nut
7	133-899	1	Washer; Plastic, 3" ID, 4 1/2" OD x 1/4" Thk.
8	102-214	1	Bearing Assembly; 3" ID; Mtg Hrd: 5/8" x 1 1/2" Bolt, LW, & Nut (4 ea)
9	135-612	1	Bearing Sleeve, 3" ID x 3-3/4" OD x 3-5/8" Lg.
10	103-618	1	Shear Sprocket Assembly, 120-B-27 - 3" Bore
11	171-989	1	Snap Ring, 4" External, Waldes 5100 Series
12	134-892	1	Retainer Plate
13	103-619	1	Shear Sprocket Weldment, 120-A-27
	141-694	2	Shear Sleeve
14	134-481	1	Bushing; Straight 4" ID x 4 1/2" OD
15	103-620	1	Shear Sprocket; Hub Weldment
	141-693	2	Shear Sleeve
16	170-258	2	Shear Bolt; 5/8" x 3" grade 5 (4 Spare Bolts Inside Rear Drive Enclosure)
17	170-031	2	Lock Nut; 5/8" grade 5 (4 Spare Nuts Inside Rear Drive Enclosure)
18	171-934	1	Snap Ring; 3" External, Waldes 5100 Series
19	135-598	2	Washer, Plastic, 3 1/2" ID, 5" OD
20	102-249	1	Bearing; Assembly, 3 1/2" ID; Mtg Hrd: 5/8" x 1 1/2" Bolt, LW, & Nut (4 ea)
21	135-662	1	Bearing Sleeve, 3-1/2" ID x 4-1/4" OD x 3-7/8" Lg.
22	134-792	1	Sprocket; 120-B-48 3 1/2" Splined Bore
23	171-607	1	Snap Ring; 3 1/2" External, Waldes 5100 Series
24	171-764	1	Roller Chain; 120-1-76 Pitch, W/Connector Link
25	171-935	6*	Foam Seal
26	103-629	1	Rear Drive Enclosure Cover
27	170-950	1	Rubber Latch; Mtg Hrd: 171-137 Pin, 170-992 Cotter Pin
28	136-285	1	Washer; Nylon, 3" ID, 4 1/4" OD 1/8" Thick
29	140-426	1	Washer; Steel, 3 1/2" ID, 5-1/16" OD 1/4" Thick
30	136-286	1	Washer; Nylon, 3 1/2" ID, 5" OD 1/8" Thick
31	136-040	A/R	Washer; Steel, 3 1/2" ID, 4 1/4" OD 10GA Thick
32	172-873	1	Quadring Seal; 3" ID
33	172-874	1	Quadring Seal; 3 1/2" ID
34	300-067	1	Kit, 3-1/2" Thrust Bearing
35	104-300	1	Bearing
36	143-122	1	Tube, 4-1/4" x 3-1/2"
37	135-598	2	Plastic Washers
38	172-874	1	Quadring Seal
39	143-205	1	Nylatron Washer
40	171-607	1	Snap Ring
41	300-067	1	Kit, 3.50 Thrust Bearing

\* Sold by the linear foot.

**LIGHT KIT PARTS**

1	174-675	1	Light Kit
2	172-110	1	7 Pin Connector (SAE J560B)
3	174-775	1	Main Harness
4	176-848	1	LH Light Harness
5	177-480	1	RH Light Harness
6	174-674	2	Light, Red Oval
7	174-673	2	Light, Amber Oval
8	174-725	4	Grommet





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AUGER & SPLASH GUARD PARTS

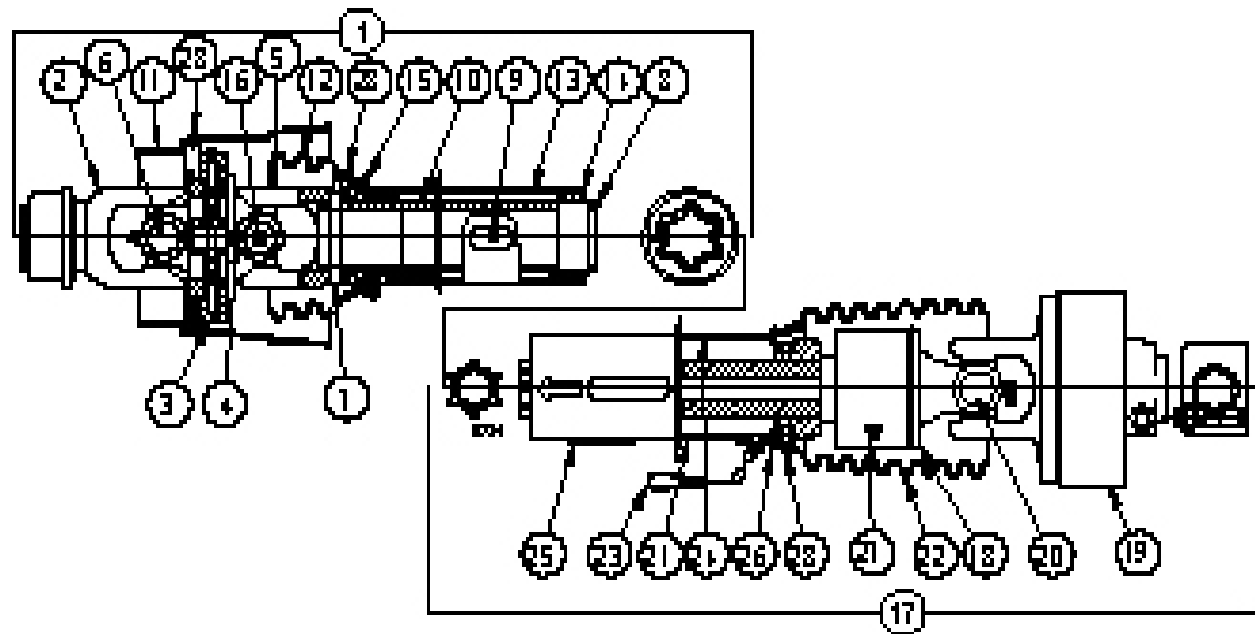
REF	PART NO	QTY	DESCRIPTION
1	103-638	1	Left Auger Assembly (8032)
	103-605	1	Left Auger Assembly (8040)
2	103-617	1	Rear Plug Assembly
3	103-616	1	Front Plug Assembly
4	140-417	7	Flighting; (8032) 3/8" x 24" x 8.65"ID x 24" L.H. (6.5 sections req'd)
	140-417	9	Flighting; (8040) 3/8" x 24" x 8.65"ID x 24" L.H. (8.5 sections req'd)
5	135-971	4	Flighting Brace, 1/2" x 2" x 7"
6	103-651	6	Paddle Assembly
7	171-802	6	Shear Bolt; 1/2" x 2" Grade 5
8	170-042	6	Shear Nut; 1/2" lock
9	140-420	6	Paddle Mount Lug
10	103-639	1	Right Auger Assembly (8032)
	103-604	1	Right Auger Assembly (8040)
11	103-614	1	Front Plug Assembly
12	103-615	1	Rear Plug Assembly
13	140-418	7	Flighting; (8032) 3/8" x 24" x 8.65"ID x 24" R.H. (6.5 sections req'd)
	140-418	8	Flighting; (8040) 3/8" x 24" x 8.65"ID x 24" R.H. (8.0 sections req'd)
14	135-971	6	Flighting Brace; 1/2" x 2" x 7"
15	140-417	1	Flighting; 3/8" x 24" x 8.65" ID x 24" L.H.
16	102-060	4	Paddle Assembly
17	136-717	1	Splash Guard; (LH FT & RH RR) Mtg Hrd: 174-874 Screw, 170-301 FW (2 ea)
18	136-716	1	Splash Guard; (RH FT & LH RR) Mtg Hrd: 174-874 Screw, 170-301 FW (2 ea)
19	134-861	1	Splash Guard; End (FT & RR) Mtg Hrd: 5/16" x 1"B, FW, LW, Nut (7 ea)
20	136-714	A/R	Right hopper repair section 48" (weld on)
21	136-715	A/R	Left hopper repair section 48" (weld on)

PTO DRIVELINE (internal spline shaft) & TORQUE DISCONNECT

(1000 RPM - 21 SPLINE / 1-3/8" YOKE)

PTO parts are used on units, Serial Number (8032-283 1000 RPM), (8040-193 1000 RPM) and after.)

REF	PART NUMBER	QTY	DESCRIPTION
	174-876	1	PTO Half Assy; W2480, 1000 RPM
1	174-971	1	Front Half Assy; Outer Profile, CV W/ Guard 1 3/8 - 21 Spline
2	172-203	1	Yoke 1 3/8 - 21 Spline
	172-028	1	Lock Collar Repair Kit
3	172-202	1	Double Yoke
4	172-208	1	Zerk
5	174-953	1	InBoard Yoke
6	172-204	1	Cross and Bearing Kit
7	171-983	1	Spring Pin, 10 x 80
8	174-954	1	Outer Profile & Sleeve
9	172-209	1	Zerk
10	171-799	1	Decal
11	172-205	1	CV Cone & Bearing Assy.
12	172-206	1	Shield Cone 3 Rib
13	174-958	1	Inner Shield
14	172-207	1	Support Bearing
15	171-979	1	Bearing Ring
16	174-960	1	Cross & Bearing Kit
17	174-970	1	Rear Half Assy, Cut-Out Clutch W/ Guard
18	174-955	1	Overrunning Clutch & Inner Profile Assy
	174-978	1	PTO Inner Profile
19	174-956	1	Cut-Out Clutch
	174-966	1	Lock Bolt; (Must be torqued to 75 Ft. Lbs.)
20	171-980	1	Cross & Bearing Kit
21	174-957	1	Outer Shield
22	174-959	1	Shield Cone 8 Rib
23	172-040	1	Safety Chain
24	171-550	1	Decal
25	172-227	1	Decal-Lubrication
26	171-979	1	Bearing Ring
27	172-208	1	Zerk
28	172-210	8	Screw (total quantity for complete assembly)

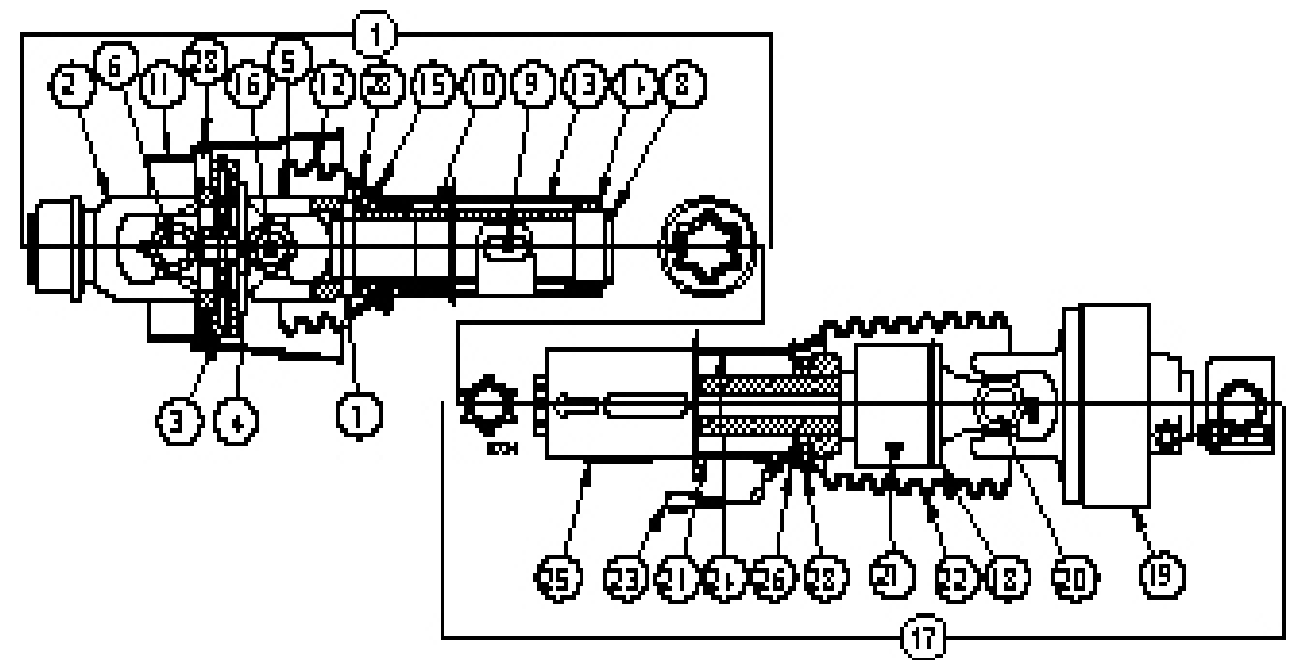


PTO DRIVELINE (internal spline shaft) & TORQUE DISCONNECT

(1000 RPM - 20 SPLINE / 1-3/4" YOKE)

PTO parts are used on units, Serial Number (8032-372 1000 RPM), (8040-269 1000 RPM) and after.)

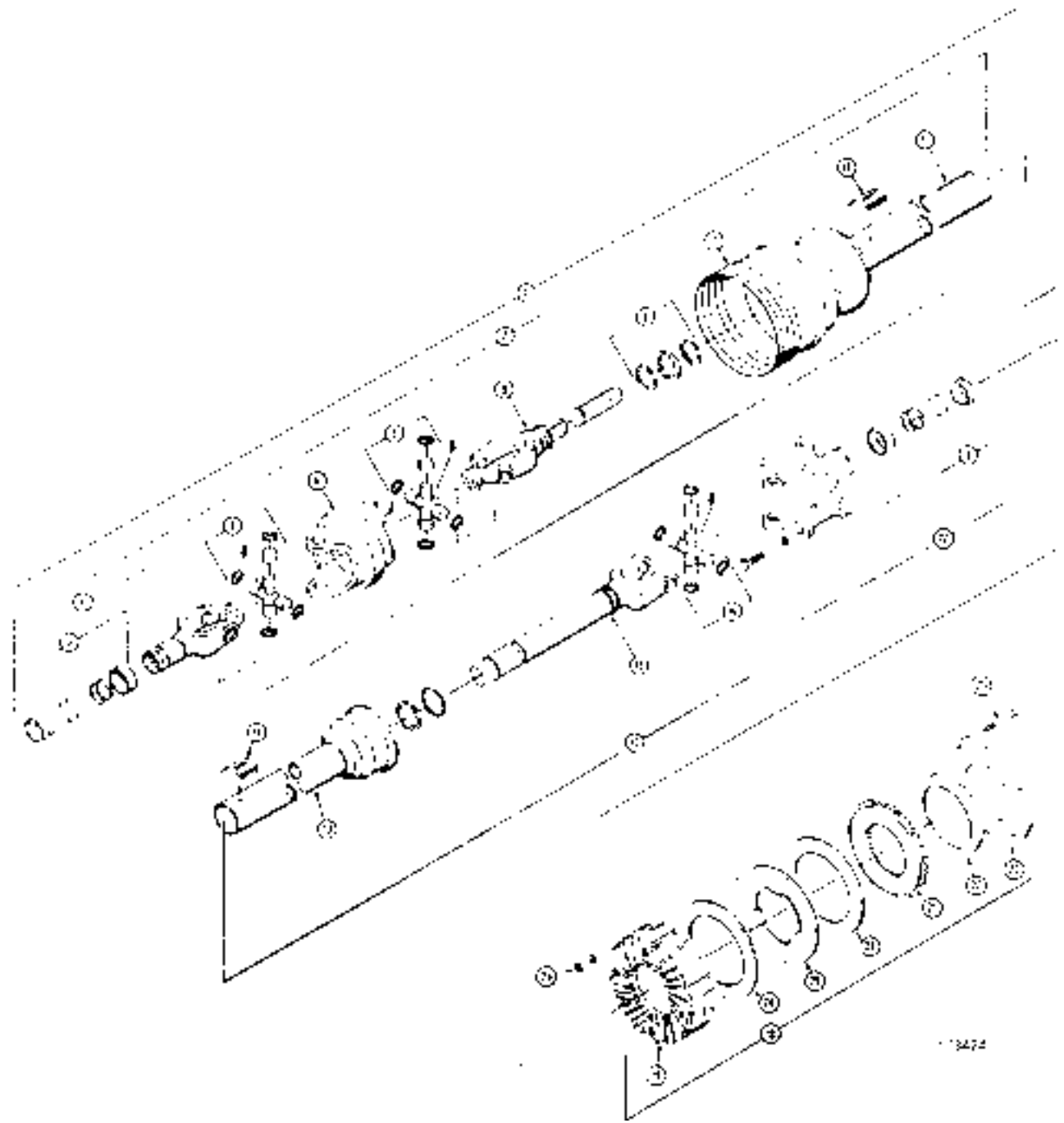
REF	PART NUMBER	QTY	DESCRIPTION
	174-875	1	PTO Assy; W2480, 1000 RPM
1	174-969	1	Front Half Assy; Outer Profile, CV W/ Guard 1 3/4 - 20 Spline
2	172-224	1	Yoke 1 3/4 - 20 Spline
	174-967	1	Lock Collar Repair Kit
3	172-202	1	Double Yoke
4	172-208	1	Zerk
5	174-953	1	InBoard Yoke
6	172-204	1	Cross and Bearing Kit
7	171-983	1	Spring Pin, 10 x 80
8	174-954	1	Outer Profile & Sleeve
9	172-209	1	Zerk
10	171-799	1	Decal
11	172-205	1	CV Cone & Bearing Assy.
12	172-206	1	Shield Cone 3 Rib
13	174-958	1	Inner Shield
14	172-207	1	Support Bearing
15	171-979	1	Bearing Ring
16	174-960	1	Cross & Bearing Kit
17	174-970	1	Rear Half Assy, Cut-Out Clutch W/ Guard
18	174-955	1	Overrunning Clutch & Inner Profile Assy
	174-978	1	PTO Inner Profile
19	174-956	1	Cut-Out Clutch
	174-966	1	Lock Bolt, Must be torqued to 75 Ft. Lbs.
20	171-980	1	Cross & Bearing Kit
21	174-957	1	Outer Shield
22	174-959	1	Shield Cone 8 Rib
23	172-040	1	Safety Chain
24	171-550	1	Decal
25	172-227	1	Decal-Lubrication
26	171-979	1	Bearing Ring
27	172-208	1	Zerk
28	172-210	8	Screw (total quantity for complete assembly)



PTO DRIVELINE (internal spline shaft) & FRICTION CLUTCH

(1000 RPM - 21 SPLINE / 1-3/8" YOKE)

PTO parts are used on units, Serial Number (8032-282 1000 RPM), (8040-192 1000 RPM) and before.)

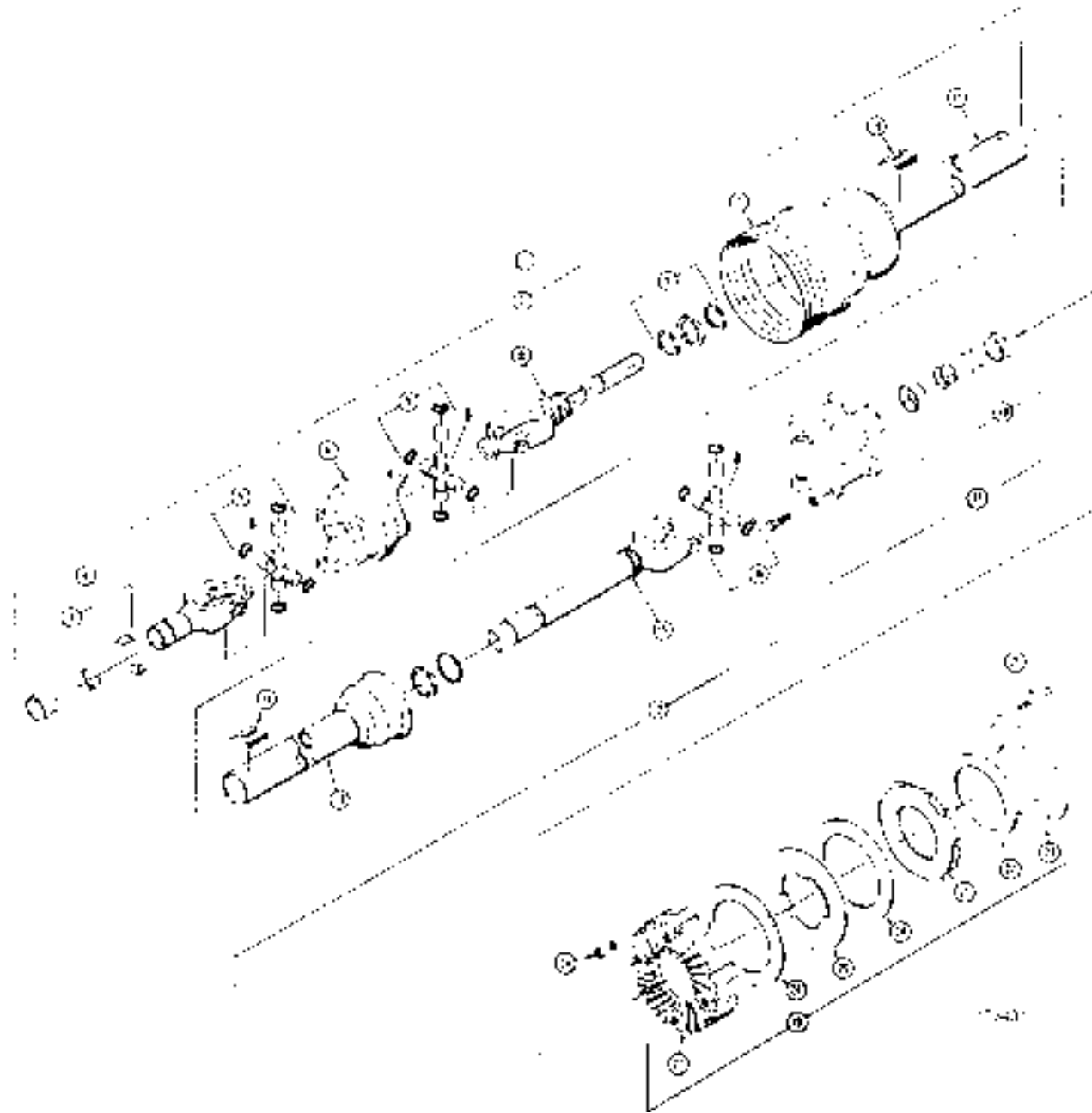


REF	PART NO	QTY	DESCRIPTION
1	173-424	1	PTO Assembly 35R 1000 RPM (Less Clutch Pack)
2	173-429	1	PTO Outer Joint and Shaft Half with Shield
4	172-992	1	Slide Lock Yoke Assembly (1 3/8")
	171-544	1	Spring Slide Lock Repair Kit
5	172-852	2	Cross and Bearing Kit
6	172-303	1	Center Housing
8	173-425	1	Yoke and Shaft Assembly
11	172-848	1	Outer Shield
	172-304	1	Bell Housing with Nylon Centralizer
	170-220	2	Nylon Repair Kit
	171-550	1	Safety Decal
12	173-430	1	Inner Joint and Tube Half with Shield
13	172-847	1	Inner Shield
14	171-799	1	Safety Decal
15	173-426	1	Yoke Tube and Slip Sleeve
16	170-776	1	Cross and Bearing Kit
17	173-203	1	Clutch Hub
18	173-199	1	Friction Clutch Assembly; 15,000
19	173-202	1	Clutch Housing; Mtg Hrd: 5/16" x 1" bolt (4ea)
20	173-206	1	Separator Plate
21	173-204	1	Pressure Plate
22	173-208	1	15K Spring - (color yellow)
23	173-205	1	Compression Plate
24	172-860	2	Friction Disk
25	170-369	6	Bolt; 5/16" x 2 1/2"
26	170-119	6	Nut; 5/16"

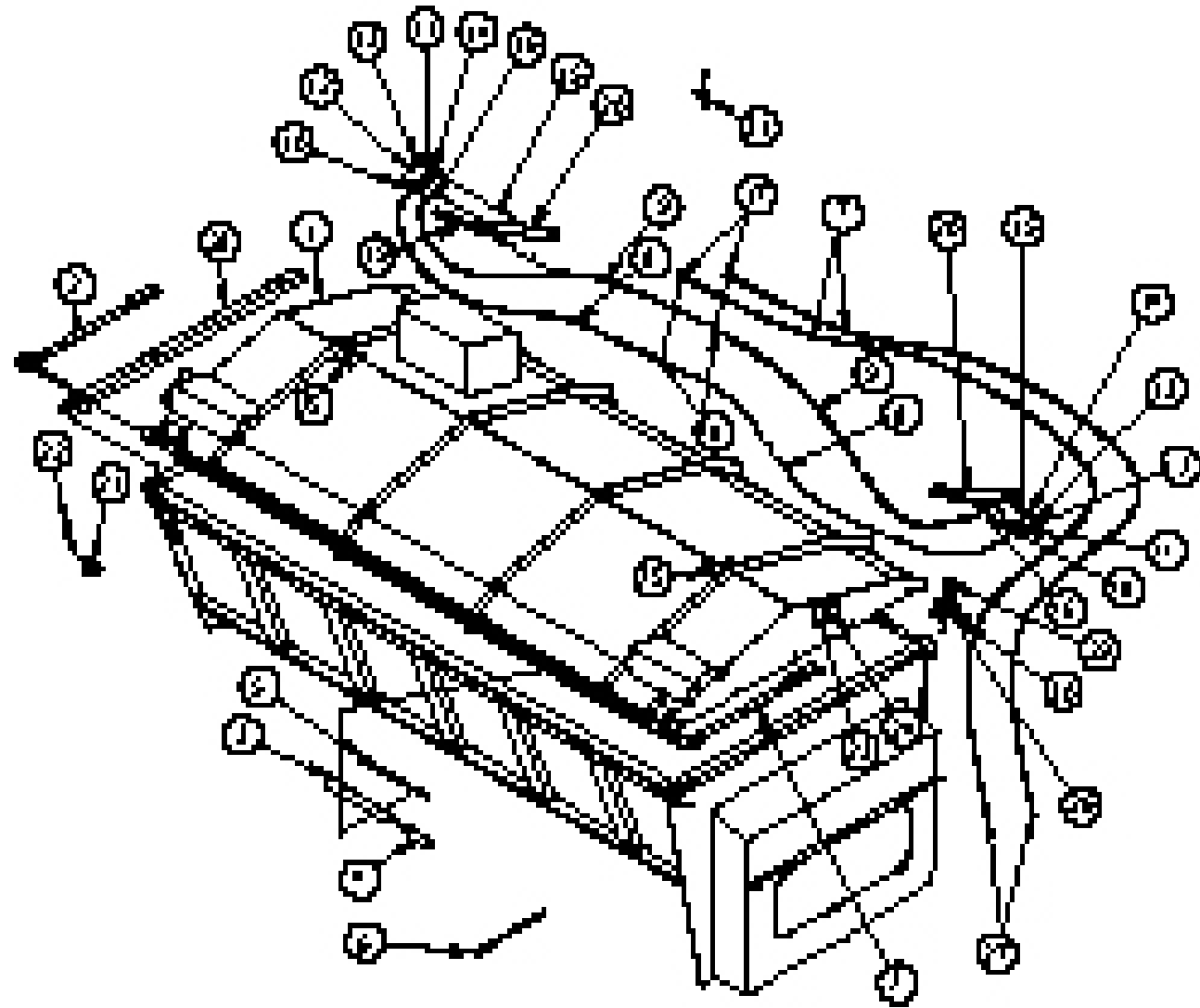
PTO DRIVELINE (internal spline shaft) & FRICTION CLUTCH

(1000 RPM - 20 SPLINE / 1-3/4" YOKE)

PTO parts are used on units, Serial Number (8032-371 1000 RPM), (8040-268 1000 RPM) and before.)



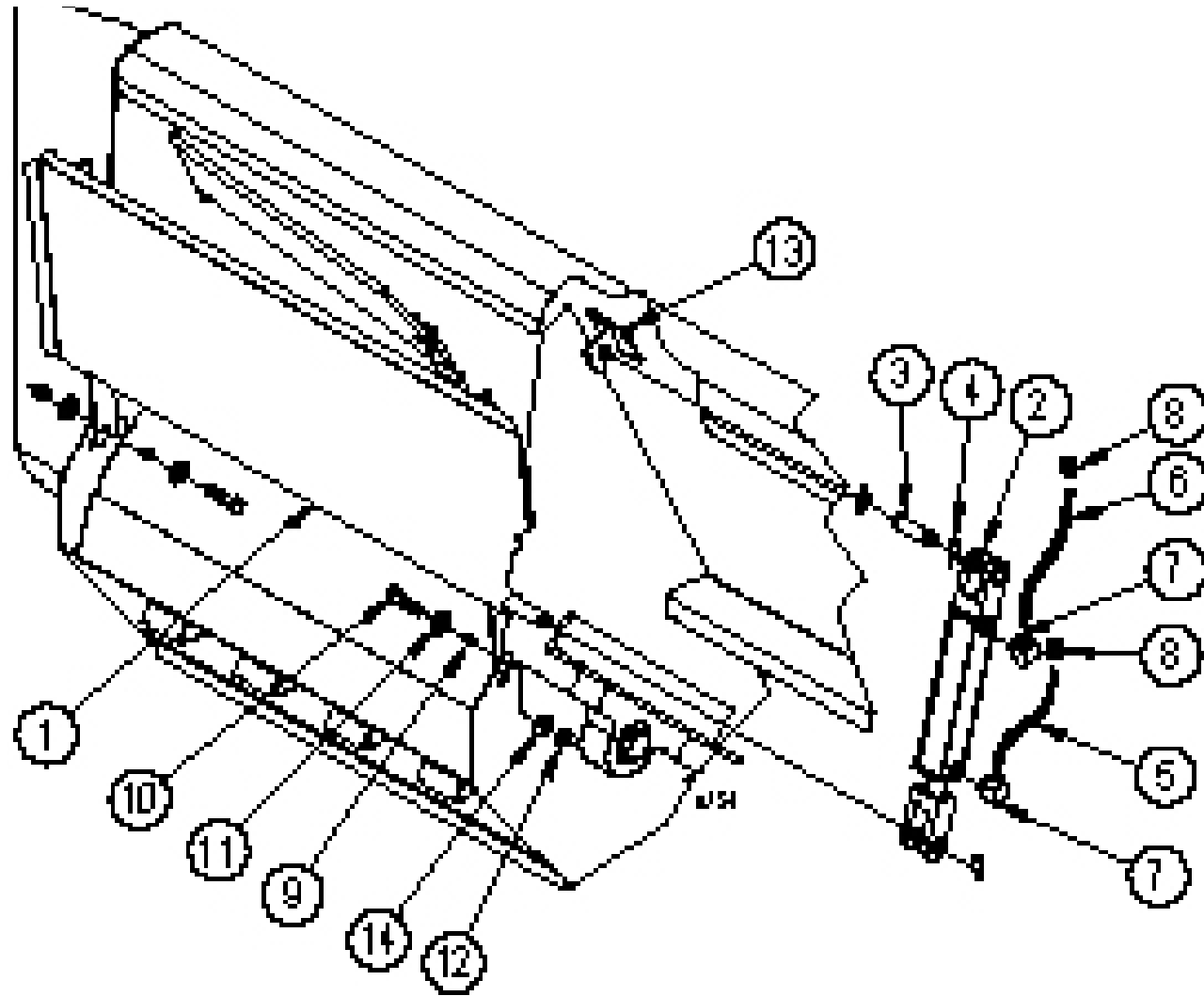
REF	PART NO	QTY	DESCRIPTION
1	173-431	1	PTO Assembly 35R 1000 RPM (Less Clutch Pack)
2	173-432	1	PTO Outer Joint and Shaft Half with Shield
4	172-851	1	Slide Lock Yoke Assembly (1 3/4")
	172-496	1	Spring Slide Lock Repair Kit
5	172-852	2	Cross and Bearing Kit
6	172-303	1	Center Housing
8	173-434	1	Yoke and Shaft Assembly
11	172-916	1	Outer Shield
	172-304	1	Bell Housing with Nylon Centralizer
	170-220	2	Nylon Repair Kit
	171-550	1	Safety Decal
12	173-433	1	Inner Joint and Tube Half with Shield
13	172-994	1	Inner Shield
14	171-799	1	Safety Decal
15	173-435	1	Yoke Tube and Slip Sleeve
16	170-776	1	Cross and Bearing Kit
17	173-203	1	Clutch Hub
18	172-496	1	Spring Slide Lock Repair Kit
19	173-199	1	Friction Clutch Assembly; 15,000
20	173-206	1	Separator Plate
21	173-204	1	Pressure Plate
22	173-208	1	15K Spring - (color yellow)
23	173-205	1	Compression Plate
24	172-860	2	Friction Disk
25	170-369	6	Bolt; 5/16" x 2 1/2" (grade 5)
26	170-119	6	Nut; 5/16" (grade 5)
27	173-202	1	Clutch Housing; Mtg Hrd: 5/16" x 1" bolt (grade 5) (4ea)



TOP LID PARTS

REF	PART NO	QTY	DESCRIPTION
1	103-760	1	Top Lid Assembly (8032) (Includes Decals)
	103-761	1	Top Lid Assembly (8040) (Includes Decals)
2	102-073	2	Cylinder Mount - Pivot
3	174-848	49*	Polyester Fabric;(8032),Total for Unit
	174-848	57*	Polyester Fabric;(8040),Total for Unit
4	174-849	49*	Foam Rubber; 3/8" x 49' (8032)
	174-849	57*	Foam Rubber; 3/8" x 57' (8040)
5	140-863	4	Seal Retainer; RH&LH (8032)
			Mtg Hrd: 5/16" x 1" Bolt, FW, FLN (5 ea)
	140-887	4	Seal Retainer; RH&LH (8040)
			Mtg Hrd: 5/16" x 1" Bolt, FW, FLN (6 ea)
6	140-872	2	Seal Retainer; F&B Mtg Hrd: 5/16" x 1" Bolt, FW, LN (5 ea)
7	171-460	2	Hydraulic Hose; 1/4" x 294" (8032)
	173-491	2	Hydraulic Hose; 1/4" x 304" (8040)
8	170-466	2	Hydraulic Hose; 1/4" x 138" (8032)
	170-468	2	Hydraulic Hose; 1/4" x 162" (8040)
9	171-998	2	Hydraulic Hose; 1/4" x 118" (8032)
	173-488	2	Hydraulic Hose; 1/4" x 153" (8040)
10	172-794	2	Hydraulic Hose; 1/4" x 20"
11	170-233	2	Swivel Adapter; 3/8" M x 3/8" F SW
12	171-251	2	Swivel Adapter; 1/4" To 3/8" Straight
13	172-809	2	Adapter; 90° Street Elbow, 1/4"
14	172-806	2	Pilot Operated Check Valve
15	172-808	2	Flow Restrictor; 3/8"
16	172-807	2	Swivel Tee Adapter, 3/8" F SW x 3/8"
17	171-030	2	Swivel Adapter; 3/8" M x 3/8" F SW x 90°
18	171-442	2	Tee Adapter; 3/8" (Welded to 8032 lid, clamped to 8040 lid)
19	170-122	22	Spacer Washers (Approximately 22 Req'd)
20	170-161	2	Hydraulic Cylinder; 2" x 18", (Includes clevis pin & hairpin clip)
			(Seal Kit 170-075)
21	103-768	2	Hold Down Bracket; (8032)
			Mtg Hrd: 1/4" x 1" STS 174-874 (4 ea)
	103-768	3	Hold Down Bracket; (8040)
			Mtg Hrd: 1/4" x 1" STS 174-874 (4 ea)
22	140-871	2	Seal Rod;(8032) Mtg Hrd: 1/2" FW (2ea),LN,Hairpin Clip(170-883)(1ea)
		3	Seal Rod;(8040)
23	172-599	2	Decal; Danger Maintain Safe Clearance From Power Lines
24	172-787	2	Decal; Warning Crush Under Top
25	172-821	2	Decal; Caution Do Not Lift Implement Here
26	103-762	2	Hold Down Bracket (8032) Mtg Hrd: 1/4" x 1" STS 174-874 (4ea)
	103-762	3	Hold Down Bracket (8040) Mtg Hrd: 1/4" x 1" STS 174-874 (4ea)
27	170-235	2	Reducer Fitting; 1/2" To 3/8"
28	140-873	1	Seal Retainer (Front) Mtg Hrd: 1/2" x 1-3/4" Bolt,FW (8 ea), LN (5 ea)
	140-874	1	Seal Retainer (Rear) Mtg Hrd: 1/2" x 1-3/4" Bolt,FW (8 ea), LN (5 ea)
29	140-878	2	U- Bolt; (8032) Mtg Hrd: 5/16" LN, (2 ea)
	140-878	3	U- Bolt; (8040) Mtg Hrd: 5/16" LN, (2 ea)
30	140-879	2	Hold Down Pivot Bar (8032)
	140-879	3	Hold Down Pivot Bar (8040)
31	140-468	1	Hose Hold-Down Bracket; Mtg Hrd: 5/16" x 1 3/4" Bolt, FLN
			(1ea) (8040 Only)

\* Sold by Linear Foot



REF	PART NO	QTY	DESCRIPTION
1	103-622	1	Deflector Assembly
2	173-273	1	Cylinder; 2" DIA x 10"; (Seal Kit #170-075)
3	170-073	1	Clevis Pin; 1" x 2 1/2"
4	170-074	2	Hair Pin
5	173-493	1	Hydraulic Hose; 1/4" x 198" OAL
6	171-068	1	Hydraulic Hose; 1/4" x 192" OAL
7	171-030	2	Adapter; 3/8" 90 Degree
8	170-235	2	Adapter; 1/2" x 3/8"
9	140-459	2	Bushing
10	170-368	2	Bolt; 3/8" x 1 1/2"
11	170-244	2	Washer; 3/8"
12	170-047	2	Lock Nut; 3/8"
13	103-627	1	Lug (field install) Bolt-on
14	170-302	2	Heavy Washer; 3/8"

DECAL & PAINT LIST

The following decals are listed below for your convenience.  
 Use the operator's manual for decal location, part number and ordering.

Unit Decals:

PART NO	QTY	DESCRIPTION
174-721	1	Complete Set of Decals (8032TR & 8032HF)
174-679	1	Complete Set of Decals (8040TR)
170-490	1	Engage PTO Slowly
170-849	2	Warning...Beware Of Power Driven Parts
170-893	1	Slow Moving Vehicle Sign
171-304	1	Door Gauge
171-609	1	Caution...Do Not Exceed
171-712	1	Retighten Set Screws
171-820	4	Danger... Rotating Auger
171-821	2	Danger...Material Discharges
171-913	1	Warning...Do Not Operate
171-915	2	Danger...Shield Missing
172-171	1	Caution...Read Operators Manual
172-759	1	U.S. Patent Decal
172-820	1	Caution...Lifting Instructions
172-883	1	Oil Level Plug
173-040	1	Caution...PTO Operation
174-514	1	"Knight"
174-567	2	"8032" (8032TR & 8032HF)
174-666	2	"8040" (8040TR)
174-726	2	"Industrial"
174-686	2	Red Reflector
174-720	2	Knight Pro twin Slinger

Top Lid Decals:

PART NO	QTY	DESCRIPTION
172-821	2	Decal; Caution - Do Not Lift Here
172-599	1	Decal; Danger - Overhead Wires
172-787	2	Decal; Warning - Crushing Under Top..(Front & Rear)

Paint:

177-243	Sandstone Silver, Aerosol Can
177-242	Sandstone Silver, Quart Can
177-241	Sandstone Silver, Gallon Can

OPTIONAL KITS

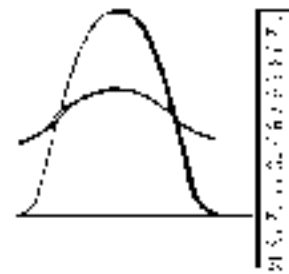
Safety Chain For Towed Equipment

PART NO 173-077

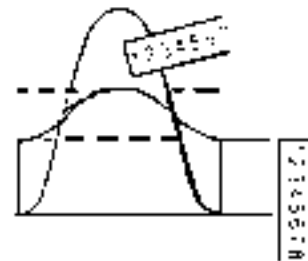
This chain is designed to retain the connection between the towing and towed machines in the event of separation of the primary attaching system. It should be used whenever the unit is transported on the highway.

FLIGHTING TERMS AND DIMENSIONS

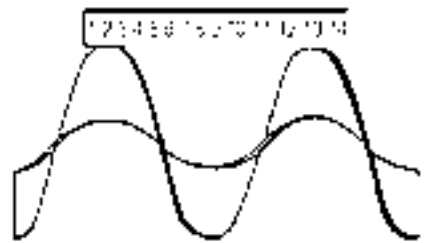
**OUTSIDE DIAMETER:** Outside diameter can be determined by laying the flight on a flat surface and measuring from the top to the base. NOTE: Dimensions may vary slightly.



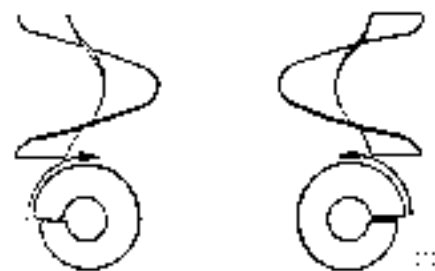
**THICKNESS:** Thickness of flighting can be determined with any linear measuring instrument.



**INSIDE DIAMETER:** To find the inside diameter of flight, measure the distance from the inside of the flight to the peak. Then multiply the dimension by two and subtract the answer from the outside diameter dimension.



**PITCH:** Pitch is the dimension from one peak to the next, measured along the axis of the shaft. The term full pitch means that the outside diameter and the pitch are the same.



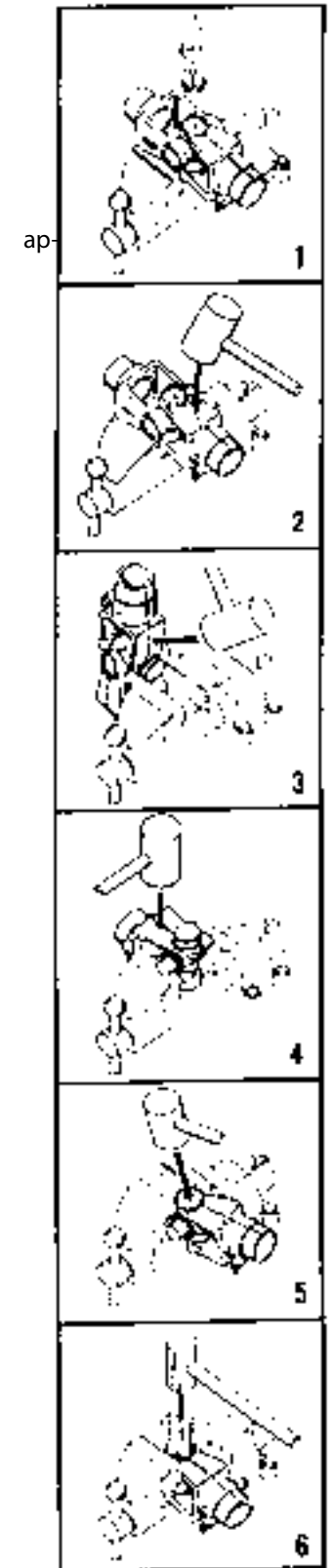
**RIGHT HAND AND LEFT HAND FLIGHTING:** As you look at the face of flighting and it is slanting downward to the right; it is right hand and if it is slanting downward to the left; it is left hand.

Flighting dimensions are written in a series similar to the following:

1/4" - 4" - 14" - 14"  
Thick - I.D. - O.D. - Pitch

U-JOINT DISASSEMBLY PROCEDURE:

1. Remove the four snap rings as shown in Figure #1.
2. Position the joint in an open vise, with each ear of one yoke supported by a vise jaw. Figure #2
3. With a soft hammer or mallet, strike the top ear of the unsupported yoke as indicated by the arrow in figure #2. This will drive the top bushing outward approximately 3/8 of an inch.
4. Grip the loosened bushing in the vise as shown in Fig. #3. Drive the yoke off the bushing by striking the yoke ear with a mallet in the direction of the arrow. (Fig. #3)
5. This same procedure should be followed to remove the bushing that is directly opposite the one in Step 4. After this, the yoke itself may be removed.
6. To remove the remaining two bushings, support the cross as shown in Figure #4. Make certain that the vise jaws are covered with brass protectors. By striking the yoke ear as indicated by the arrow in Figure #4, the remaining bushings can be removed by repeating the procedure called for in Step 4 & Figure #3.



U-JOINT ASSEMBLY PROCEDURE:

DURING REASSEMBLY, BE SURE THAT THERE IS NO DIRT ON THE TRUNNIONS OF THE CROSS OR IN THE BUSHINGS!

1. Start one bushing in the yoke ear and position the center cross through the yoke. Drive the first bushing down flush with the outside surface of the ear as shown in Fig. #5. Support the underside of the ear so as not to spring the yoke.
2. Clamp the ear in the vise as shown in Figure #6. Use a punch of the same diameter as the bushing, drive the bushing past the snap ring groove, and insert a snap ring.
3. Position the cross and drive in the opposite bushing as described in Steps 1 & 2, and insert a snap ring.
4. Assemble the second yoke in the same manner.
5. To insure proper seating, and to eliminate any possible tightness, strike the forged surfaces of the yoke ears with a mallet. This will insure a free flexing joint.
6. Lubricate with a good grade of multipurpose grease.

**HARDWARE PART NUMBER LISTING**

**HARDWARE PART NUMBER LISTING CONTINUED:**

All hex head bolts up to and including 1/2" dia are grade 5 unless otherwise specified. All fasteners are NC thread unless otherwise specified.

**HEX NUTS AND WASHERS**

SIZE	Hex Nuts	Lock Nuts	Jam Nuts	Flat Washer	Lock Washer
#6-32	172-418	174-188			172-417
#10-32	171-606	174-073		171-525	171-605
1/4"	170-125	170-069	171-386	170-301	170-124
5/16"	170-119	170-137	173-521	170-127	170-118
3/8"	170-007	170-047	170-022	170-244	170-006
7/16"	170-062	170-239	170-046	170-138	170-061
1/2"	170-004	170-042	170-036	170-040	170-003
5/8"	170-011	170-031	170-037	170-066	170-010
3/4"	170-017	170-185	170-035	170-015	170-016
7/8"	171-776	171-093		173-298	172-003
1"	173-022	174-928	174-927	170-122	171-021
1-1/4"	170-130 NF/175-006 NC			170928	175-005

**HEX HEAD BOLTS**

Bolt Size	Part No			
1/4 x 3/4	170-803	3/8 x 4-1/2	170-519	5/8 x 1-3/4 (Full thread)
1/4 x 7/8	171-094	3/8 x 5	170-493	5/8 x 2
1/4 x 1	170-310	3/8 x 5-1/2	174-196	5/8 x 2 (Full thread)
1/4 x 1-1/2	170-068	3/8 x 5-1/2 (Full thread)	170-593	5/8 x 2-1/4
1/4 x 2	172-986	3/8 x 6	174-304	5/8 x 2-1/2 (Full thread)
1/4 x 2 (Grade 8)	175-073	3/8 x 6-1/2	171-291	5/8 x 2-1/2
1/4 x 2-3/4	171-203	7/16 x 1	170-032	5/8 x 2-3/4
1/4 x 3	171-403	7/16 x 1-1/4	170-354	5/8 x 3
1/4 x 3-1/2	173-640	7/16 x 1-1/4 (Grade 8)	174-216	5/8 x 3-1/2
1/4 x 4	173-505	1/2 x 3/4	171-252	5/8 x 4-1/2
5/16 x 3/4	170-262	1/2 x 1	170-149	5/8 x 5
5/16 x 3/4 (Stainless steel)	174-787	1/2 x 1-1/4	170-373	5/8 x 5-1/2
5/16 x 1	170-027	1/2 x 1-1/2	170-002	5/8 x 7-1/2
5/16 x 1-1/4	170-188	1/2 x 1-1/2	171-039	5/8 x 9-1/2
5/16 x 1-1/2	170-372	1/2 x 1-3/4	171-774	3/4 x 2 (Full thread)
5/16 x 1-3/4	170-263	1/2 x 2	171-802	3/4 x 2
5/16 x 2	172-987	1/2 x 2-1/4	172-387	3/4 x 2 (Grade 8)
5/16 x 2-1/2	170-369	1/2 x 2-1/2 (Full thread)	171-099	3/4 x 2-1/4
5/16 x 3	170-295	1/2 x 2-1/2	170-885	3/4 x 2-1/2
3/8 x 3/4	170-439	1/2 x 2-1/2	172-007	3/4 x 2-1/2 (Grade 8)
3/8 x 3/4 (Stainless steel)	174-788	1/2 x 2-3/4	172-007	3/4 x 3
3/8 x 7/8	170-268	1/2 x 3	170-168	3/4 x 3-1/2
3/8 x 7/8 (soc. hd.capscrew)	172-044	1/2 x 3-1/2	170-167	3/4 x 3-1/2 (Grade 8)
3/8 x 1	170-054	1/2 x 3-1/2 (Grade 8)	172-950	3/4 x 4-1/2
3/8 x 1-1/4	170-005	1/2 x 4	173-111	3/4 x 4-1/2
3/8 x 1-1/4 (Stainless steel)	174-917	1/2 x 4 (Full thread)	171-509	3/4 x 6
3/8 x 1-1/2	170-368	1/2 x 4-1/2 (Grade 8)	171-573	3/4 x 8
3/8 x 2	170-245	1/2 x 5	171-412	7/8 x 2-1/4
3/8 x 2-1/4	170-320	1/2 x 6	173-506	7/8 x 3
3/8 x 2-1/2	170-257	1/2 x 6 (Grade 8)	174-944	7/8 x 3-1/2
3/8 x 2-1/2 (Full thread)	170-128	1/2 x 6-1/2	173-711	7/8 x 4
3/8 x 3	170-380	1/2 x 7-1/2	175-107	7/8 x 4 UNF
3/8 x 3-1/2	170-292	1/2 x 8-1/2	170-504	7/8 x 4 UNF
3/8 x 4	170-877	1/2 x 11	170-506	7/8 x 8 (grade8) UNF
				1 x 3-1/2
				1 x 8 (grade 8) UNF
				1-1/4 x 4-1/2 (grade 8)

**TRUSS HEAD BOLTS**

#6-32 x 3/4	172-416
#6-32 x 1	173-079
#8-32 x 1-1/2	171-210
#10-32 x 3/4	171-604
#10-32 x 1	172-882
1/4 x 3/4	170-193
1/4 x 1	170-194
5/16 x 1	170-117

**CARRIAGE BOLTS**

1/4 x 2-1/2	171-394
1/4 x 3	170-509

5/16 x 2-1/2	171-395
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3/8 x 3-1/2	171-283
3/8 x 4-1/2	170-191
3/8 x 5	170-495
3/8 x 6-1/2	171-174

1/2 x 1-1/2	174-045
1/2 x 1-1/2 (Grade 5)	174-918
1/2 x 6-1/2	171-098
1/2 x 9	171-255

5/8 x 2	175-110
5/8 x 2-1/2	174-790

**PLOW BOLTS**

5/8 x 2	174-767
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**ZERKS**

1/8 NPT	170-865
1/8 NPT-45 Deg	170-864
1/8 NPT-65 Deg	170-215
1/8 NPT-90 Deg	170-866
3/16 drive in	174-124
1/4-28	170-023
1/4-28 - 45 Deg	170-148
1/4-28 - 90 Deg	170-049
1/4 NPT	170-277
1/4 NPT - 45 Deg	174-130

**ROLLER CHAIN**

**CONNECTOR LINKS**

#50	170-088
#50-2R	170-094
#60	170-089
#60-2R	170-095
#60H	171-102
#80	170-090
#80H	170-821
#100	170-091
#100H	171-969
#120	170-092
#140	170-093

#140H	173-552
#160	170-888

**OFFSET LINKS**

#50	170-096
#50-2R	170-102
#60	170-097
#60-2R	170-103
#60H	171-103
#80	170-098
#80H	170-820
#100	170-099
#100H	172-145
#120	170-100
#140	170-101
#140H	173-553
#160	170-887

**ROLLER LINKS**

#50	171-415
#60	171-416
#80	171-417
#80H	170-795
#100	171-418
#100H	172-146
#120	171-419
#140	171-420
#160	171-421

**COTTER PINS**

1/16 x 1/2	170-992
3/32 x 3/4	170-364
1/8 x 1	170-045
1/8 x 1-1/2	170-382
5/32 x 1-1/2	170-236
5/32 x 3	170-135

3/16 x 1-1/4	170-991
3/16 x 2	170-115

1/4 x 1-1/2	170-521
1/4 x 2	170-056

**SET SCREWS**

5/16 x 5/16	170-248
5/16 x 1/2	170-254

3/8 x 1/4	170-856
3/8 x 3/8	170-151

1/2 x 5/8	170-249
1/2 x 1-1/4 (half dog point)	171-085

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