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**Turbine Drive Water-Reels®  
Engine Drive Slurry-Reels**

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T37A

E37A

# Parts Manual

Serial No. 300,000 - 309,999



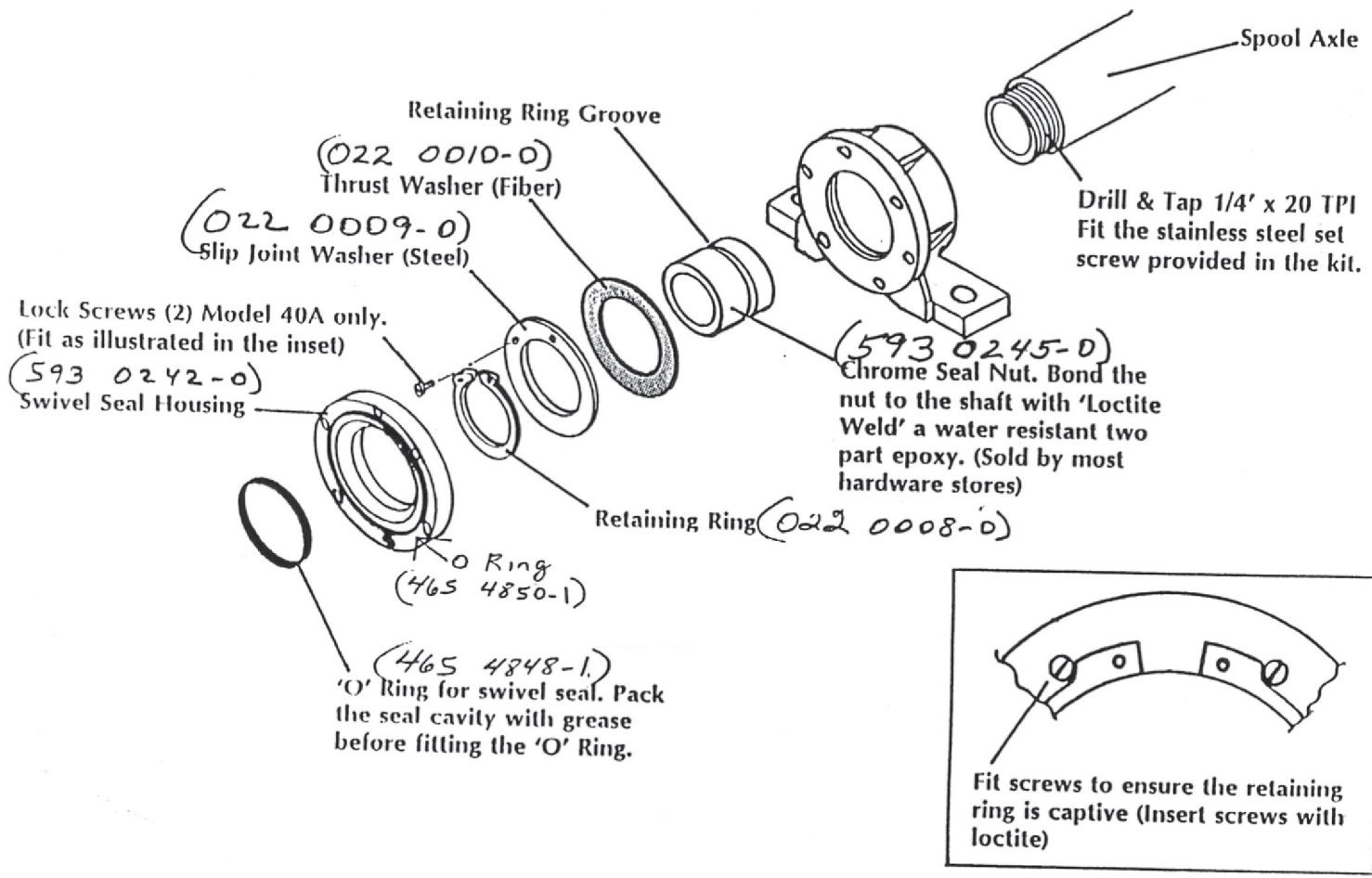
**AG-RAIN®**

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Havana, Illinois 62644  
Phone: 309-543-4425 Fax 309-543-4945

# Swivel Seal Assembly Instructions. Models 37A

July 28, 1994

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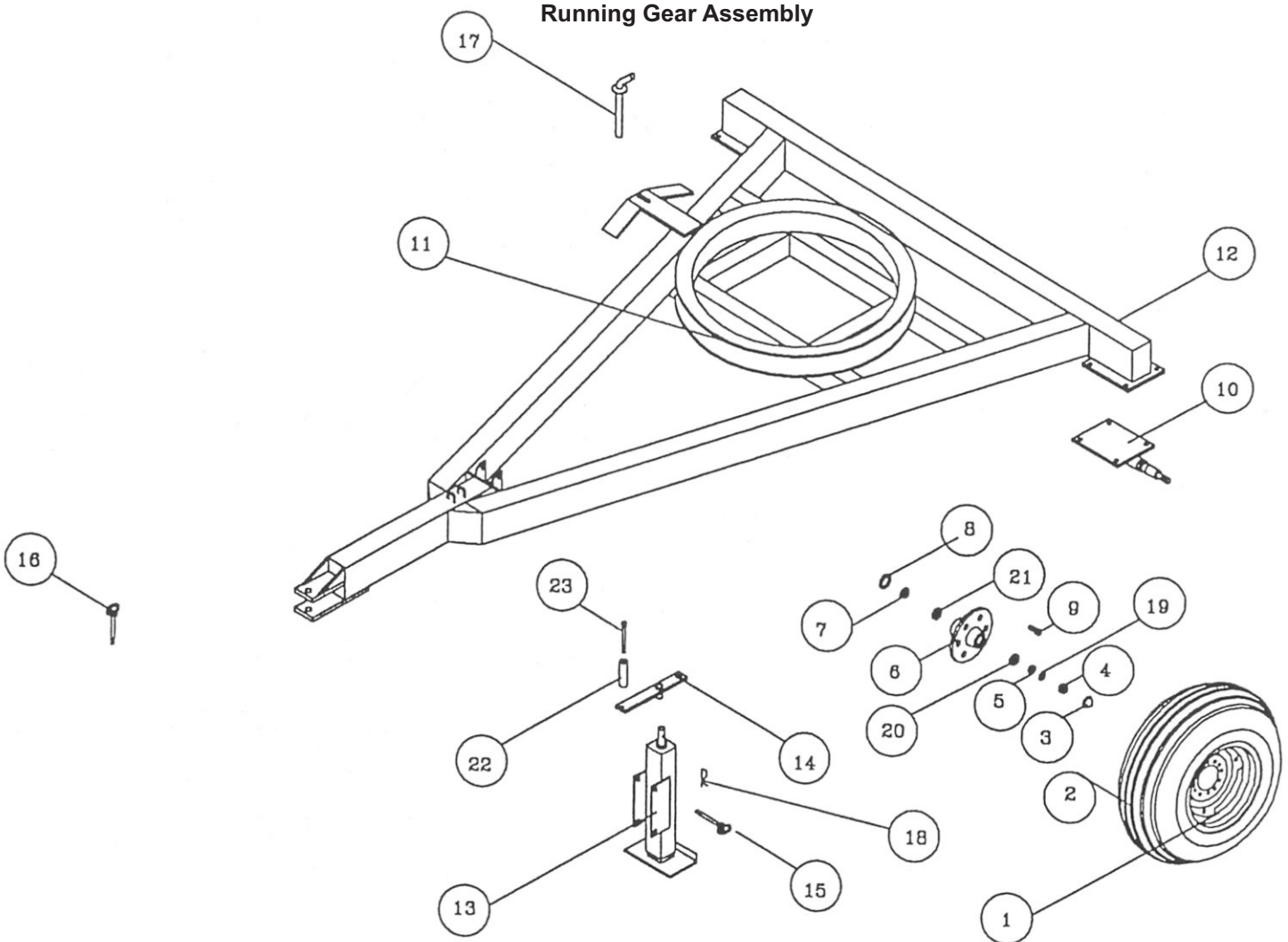


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For Parts that are described as "Left" or "Right" the water inlet side of the machine is considered the right side

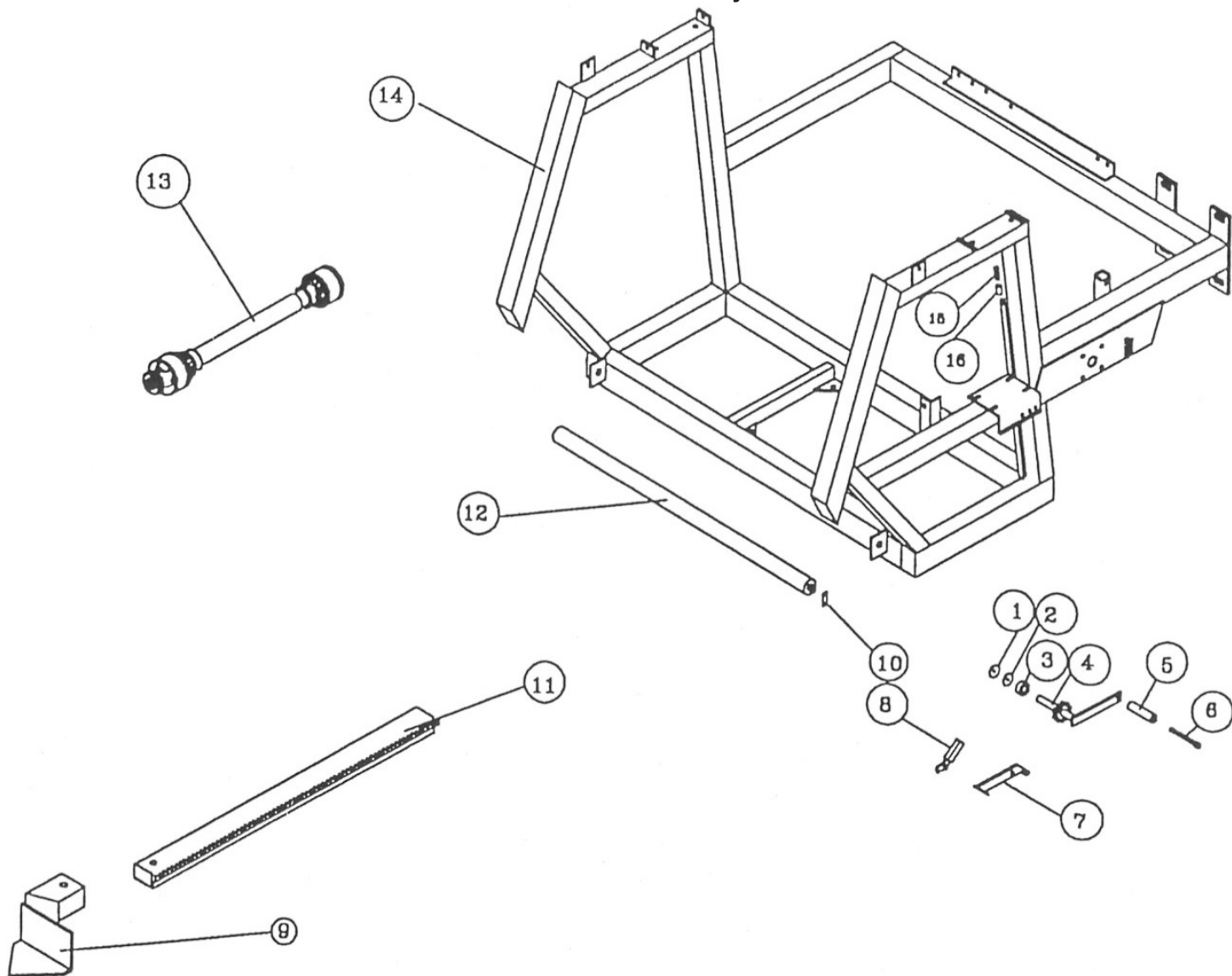
Items Such as common fasteners, grease fitting, and other small parts easy to acquire locally are not listed.

### Running Gear Assembly



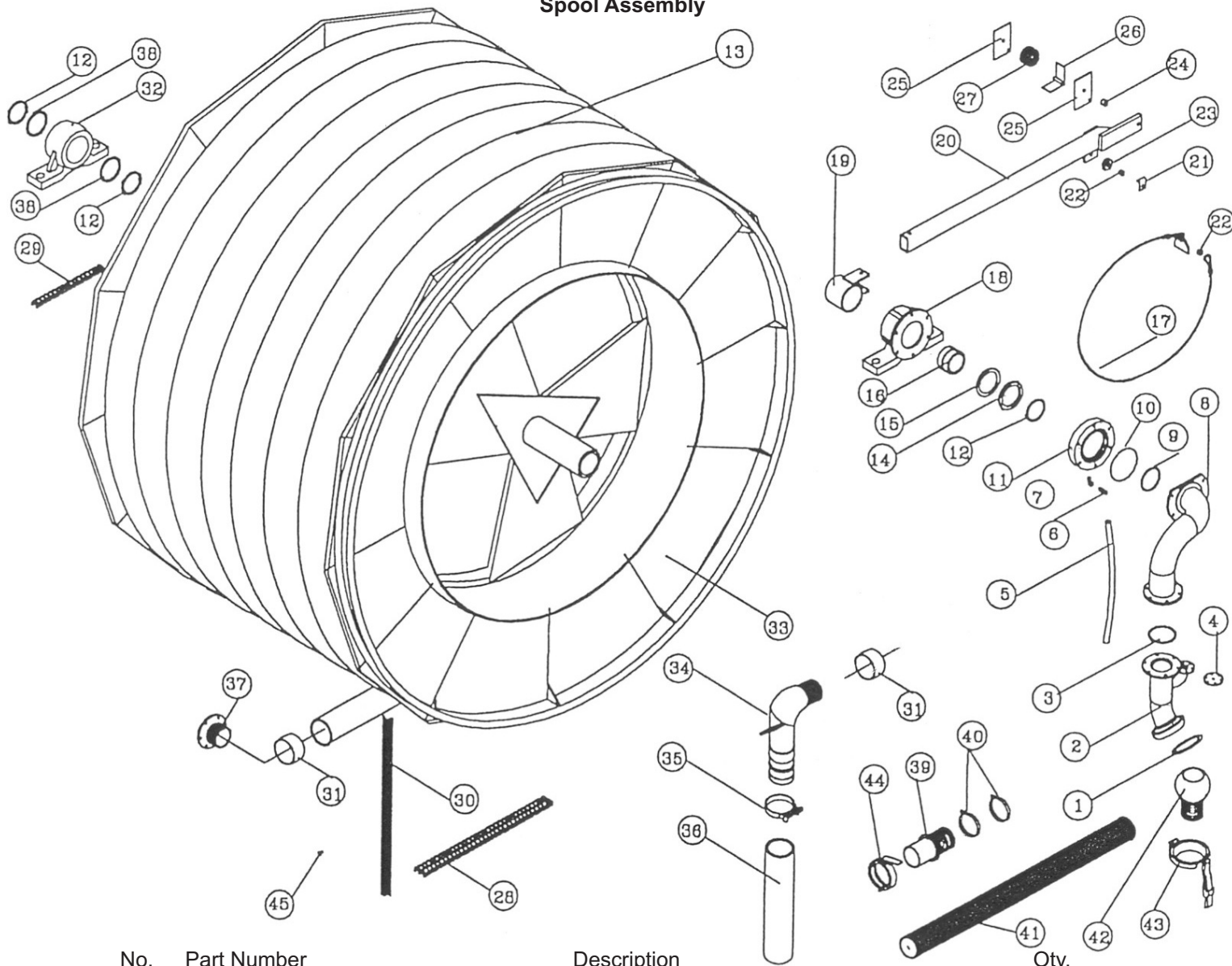
No.	Part Number	Description	Qty.
1	52651381	WHEEL, 15X10 6BOLT 6"BCD	2
2	52651370	TIRE, 12.5L-15 12 PLY	2
3	58902060	HUB CAP 615-21600#909903	2
4	58902070	NUT, SLOTTED 7/8 WIL912952	2
5	58902040	BEARING, TIMKEN LM25877	2
6	22615982	HUB ASSY, 6BOLT W803	2
7	58902030	BEARING, TIMKEN LM25590	2
8	58902050	SEAL, CR20148	2
9	58902020	LUG BOLT 9/16 X 1.12	12
10	58803971	AXLE, T-37-40	2
11	02099554	BEARING	1
12	59202320	CHASSIS, FF1 - LOW TONGUE WEIGHT	1
13a	58403300	JACK, TONGUE 41,45, T27-T40	1
13b	58403328	KIT, SCREW W/NUT	1
13c	58403309	BEARING, THRUST-THURSTON JACK	1
14	59403300	CRANK HANDLE	2
15	55832811	PIN, HITCH 3/4X4-1/8 ZN	1
16	52358660	PIN, HITCH 3/4 X 6-1/2	1
17	59302260	PIN, HITCH 8 IN X 3/4	1
18	56102040	PIN, HAIR .118DIAX2-11/16	2
19	58902080	WASHER, SPINDLE WILTON # 912952	2
20	58902010	RACE, OUTER LM25821	2
21	58902000	RACE, INNER LM25520	2
22	59403240	HANDLE	1
23	562031361	Screw, Allen Cap 1/2 x 5"	1

### Cradle Assembly



No.	Part Number	Description	Qty.
1	55170011	NUT,10-1.5MM NYLOC	4
2	02099058	NUT	2
3	02099059	SPRING, RUBBER STABILIZER	2
4	02099578	CRANK	1
5	59403240	HANDLE	3
6	56231361	SCREW,CAP ALLEN 1/2X5	3
7	59404670	CATCH	2
8a	02203810	Handle Right	1
8b	02203820	Handle Left	1
9a	02200050	FOOT,STABILIZER RIGHT 37	1
9b	02200040	FOOT,STABILIZER LEFT 37	1
10	02099571	2099571	1
11a	59405283	STAB. LEG 37, LEFT.	1
11b	59405273	STAB. LEG 37, RIGHT.	1
12	02002794	STAB. LEG 37, RIGHT.	1
13	30036044	SHAFT,PTO60"OAL#1 BUSH	1
14	59501421	Cradle, 37	1
15	59405850	BARB 3/8 NPT X 1/2 HOSE	1
16	59500660	CPLNG,STL GLV 3/8	1

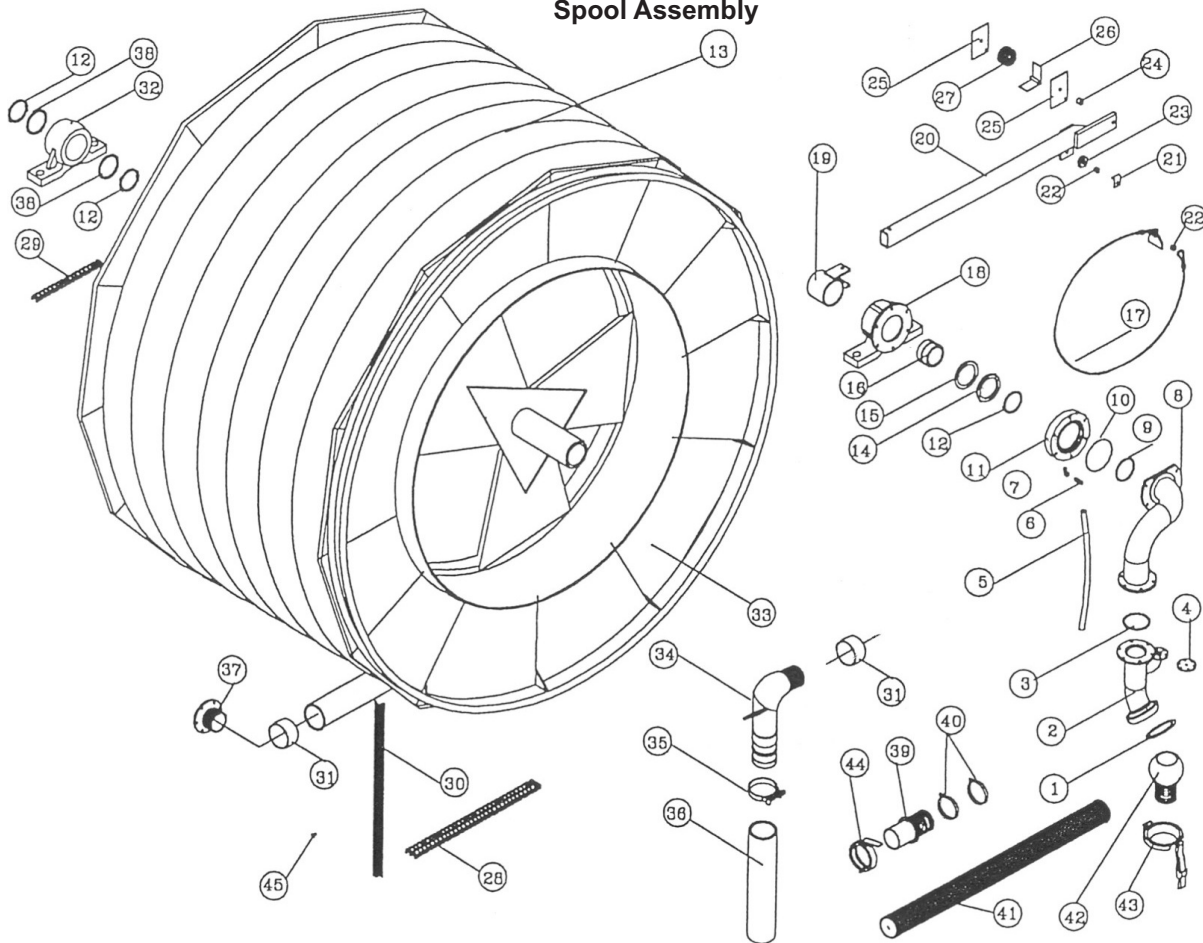
### Spool Assembly



No.	Part Number	Description	Oty.
1	58800233	SEAL RING 4" 6-3/8 OD X 9/16	1
2	59405110	FITTING,ENTRY 30/37	1
3	46546680	O-RING 5-1/8 X4-5/8 X1/4	2
4	59405102	Cap, Gauge Adapter	1
5	58609980	HOSE 1/2 SGL BRD 150 RBR	ft. 2
6	58701170	BARB,HOSE 1/4 NPT X 1/2	1
7	52549260	ELBW,STRT GLV 1-1/4X90	1
8	59500281	ELBW,UPPER 37	1
9	46548481	O-RING 4-3/4X4-1/4 90DURO	1
10	46548501	O-RING 5-3/4X5-1/2X1/8	1
11	02208501	SEAL KIT,UNIVERSAL-FF1/AR6/7 27K+	1
12	02099061	SNAP RING E-110	3
13	58401731	TUBE,PE 110MM X 3.7 ID X 1100 FT.	1
14	02200090	WASHER,SLIP JOINT	1
15	02200100	RING,ANTIFRICTION	1
16	59302450	NUT,SLIP JOINT, FF1, AG7 AR7	1
17	59502271	Cable Assm.	1
18	02200130	BEARING,FLANGED FF1 (AG6-7)	1
19	58801035	Bearing, Idler Arm (-3 was 4" )(+5os 4.29	1
20	59202190	ARM,IDLER T-37	1
21	58606210	CABLE RETAINER	2

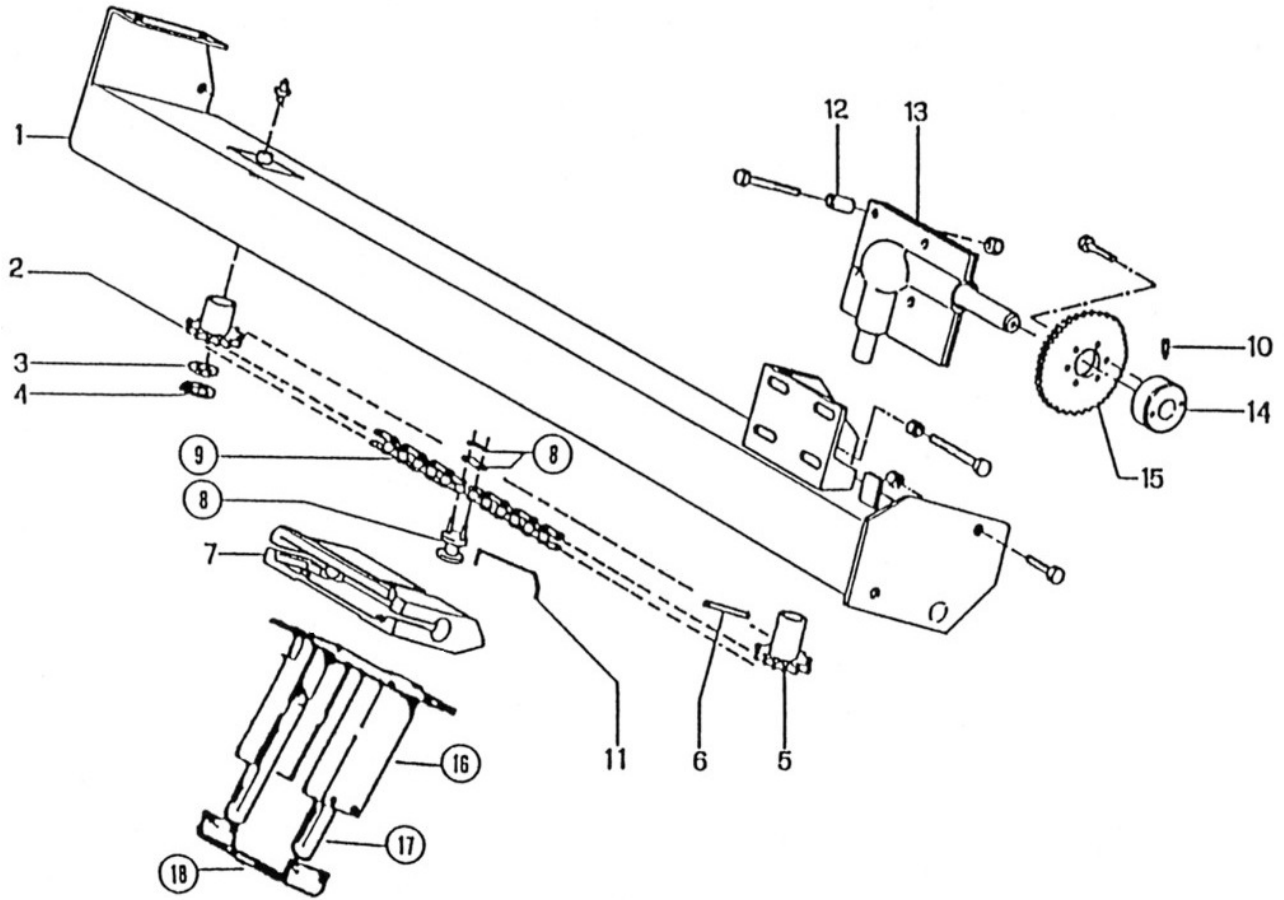


### Spool Assembly



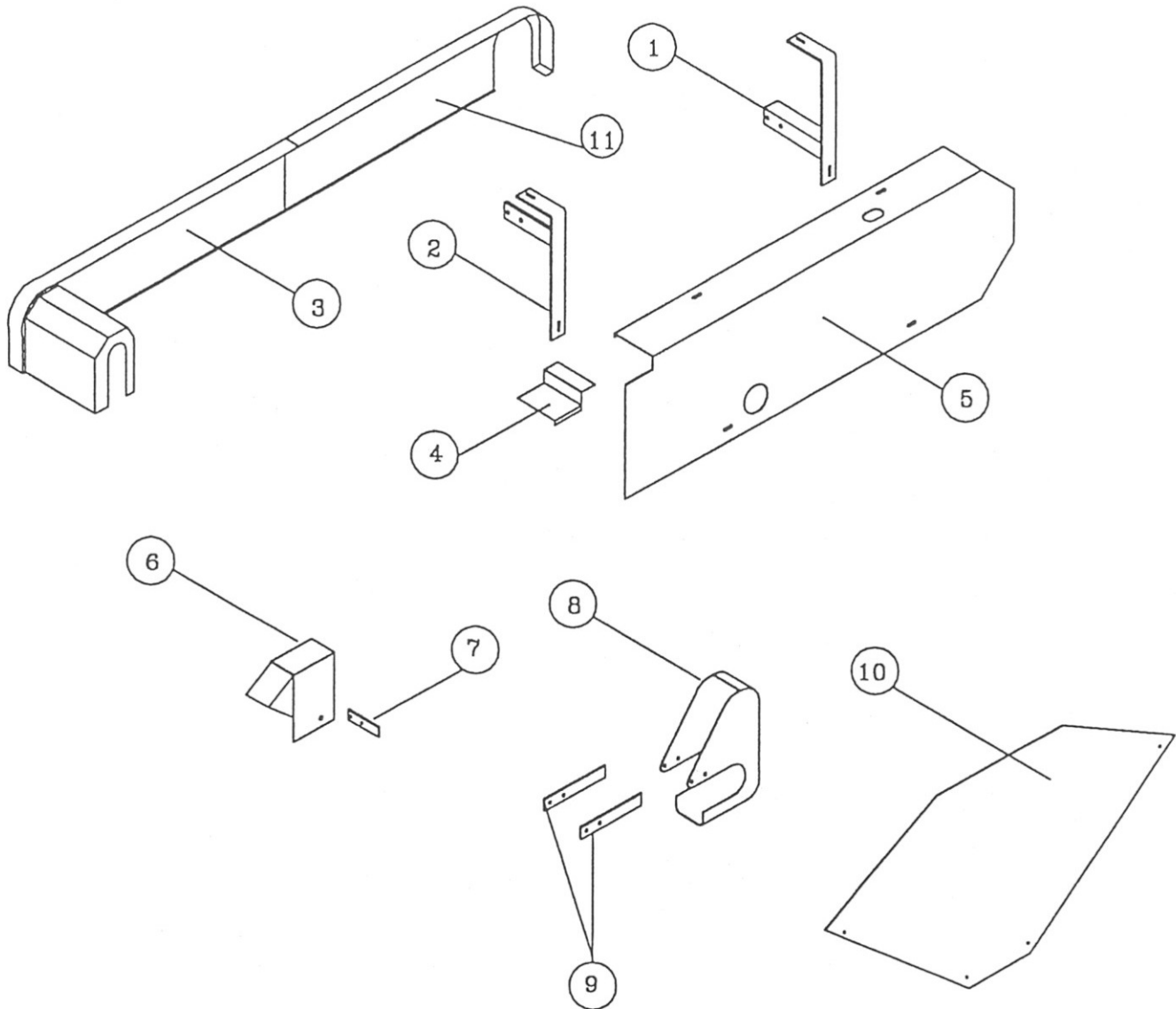
No.	Part Number	Description	Qty.
22	32551910	BUSH,STL.843X.56X.62L	3
23	40249060	PLLY,WRP17/32X2X7/8B STL	2
24	59405170	BUSH,STL 1X.64X.75L	1
25	59405150	SHIELD,SIDE IDLER	2
26	59405160	Shield Side Idler Front	1
27	88048611	IDLER,60-2 W/BUSH	1
28a	87548471	CHAIN,#60-2DW RLLR PER FT	ft. 30
28b	30248611	LINK,#60-2 DBL WD CNNCTR	1
28c	30248621	LINK,#60-2 DBL WD OFF-SET	2
29a	02001140	CHAIN 1/2 METRIC ROLLER	ft. 9.7
29b	02201110	LINK 1/2 CONNECTOR	1
29c	02201100	LINK,1/2" OFF-SET METRIC	1
30	52654188	BELTING 40 2.2 X 29 FT	1
31	02099115	BAND, HOSE 110MM	2
32	02200150	BEARING,SPOOL FF1,37	1
33	58900866	Spool	1
34	02003107	ELBW,110MM TUBE	1
35	03019258	SUPRA CLAMP 112MM-121MM	4
36	02099111	HOSE 100 X 118MM, 33" LONG	1
37	02003119	HOSE RING WITH FLANGE 110MM	1
38	02200380	SPACER,D2 SPOOL	2
39	58802660	HOSE END INLET 4	1
40	03019240	SUPRA CLAMP 104MM-112MM	4
41	25249620	HOSE, IRR SUPPLY REMNANT 4"(PERFT)	ft. 30
42	58802561	HOSE END OUTLET - 4" BALL	1
43	58800231	LEVER RING 4" 451 108MM	1
44	40049270	BAND,RING LOCK 4 IN	1
45	52357180	BOLT,STEP 5/16 X 1 GR2	12
	59400020	SPRING PULL	1
	59400040	SCREW, SPRING - 40A	1
	58802880	SPRING, 1-1/2 X .25 X 10	1

## Levelwind Assembly



No.	Part Number	Description	Oty.
1	02200160	FRAME,HOSE GUIDE	1
2	02099148	SPRKT,IDLER Z10 1" PITCH 25MM BORE	1
3	55306280	BUSH,MACH 1-1/2X1X18GA	1
4	52662540	RING,RET EX	1
5	02209040	SPROCKET, 10 TOOTH 1.0" PITCH	1
6	58902140	PIN,SPRING 7MM X 45MM	1
7	02000141	SUPPORT,FORK	1
8	02099143	LINK,HOSE GUIDE	1
9	02004865	CHAIN 112 ROLLER OF 1"	1
10	02000152	SCREW,12MMX25MM DOGPOINT(7.5MM DIA)	1
11	02000776	CLIP,RETAINING	1
12	02200200	SPACER, GEARBOX - A-SERIES	1
13	02001085	GEARBOX,RIGHT ANGLE	1
14	02000153	HUB, SPROCKET	2
15	02099158	SPRKT,1/2 X 36 TOOTH	1
16	02004159	FORK, 110MM - FF1 18.89" LONG	1
17	02004861	ROLLER,VERTICAL SPECIAL	2
18	59202740	STRAP, FORK PE TUBE RETAINER - FF1	1
19	02201040	LEVELWIND ASSY, COMPLETE FF1/FG1	1

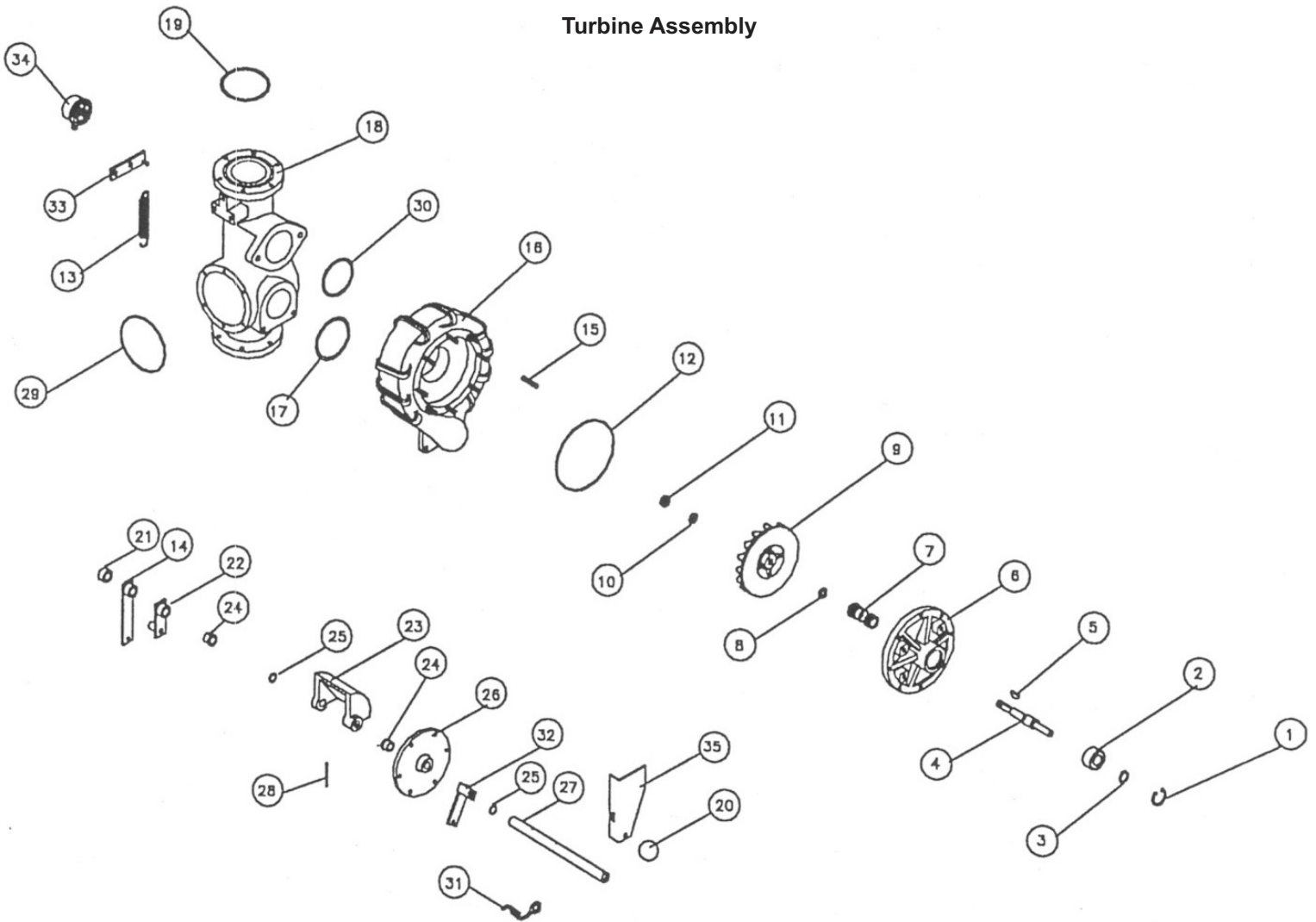
### Shield Group



No.	Part Number	Description	Oty.
1	59404470	Hood Mt. Front	1
2	59404460	Hood Mt. Rear	1
3	02201220	SHIELD, LEVELWIND BOTTOM	1
4	59404580	Shield, Tach and Motor	1
5	59404340	GUARD, 30A	1
6	59405480	SHIELD TURB BELT	1
7	59405710	Bar	1
8	59405670	GUARD, 60-2 CHAIN 30,37,40	1
9	59500040	BRACE	1
10	59300391	SHIELD, 37A SPOOL	1
11	02201231	GUARD, LEVELWIND TOP - FG1	1

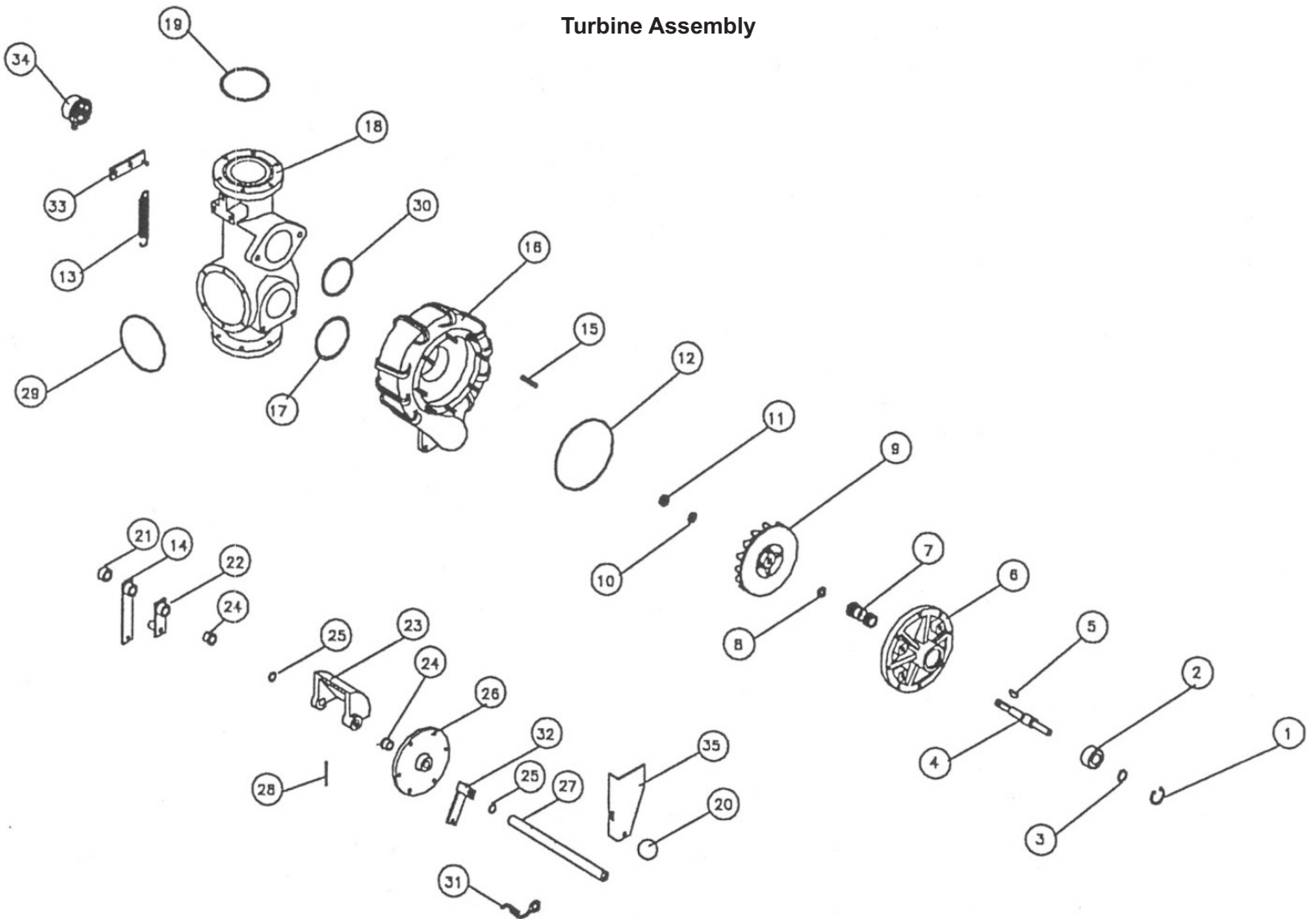


## Turbine Assembly



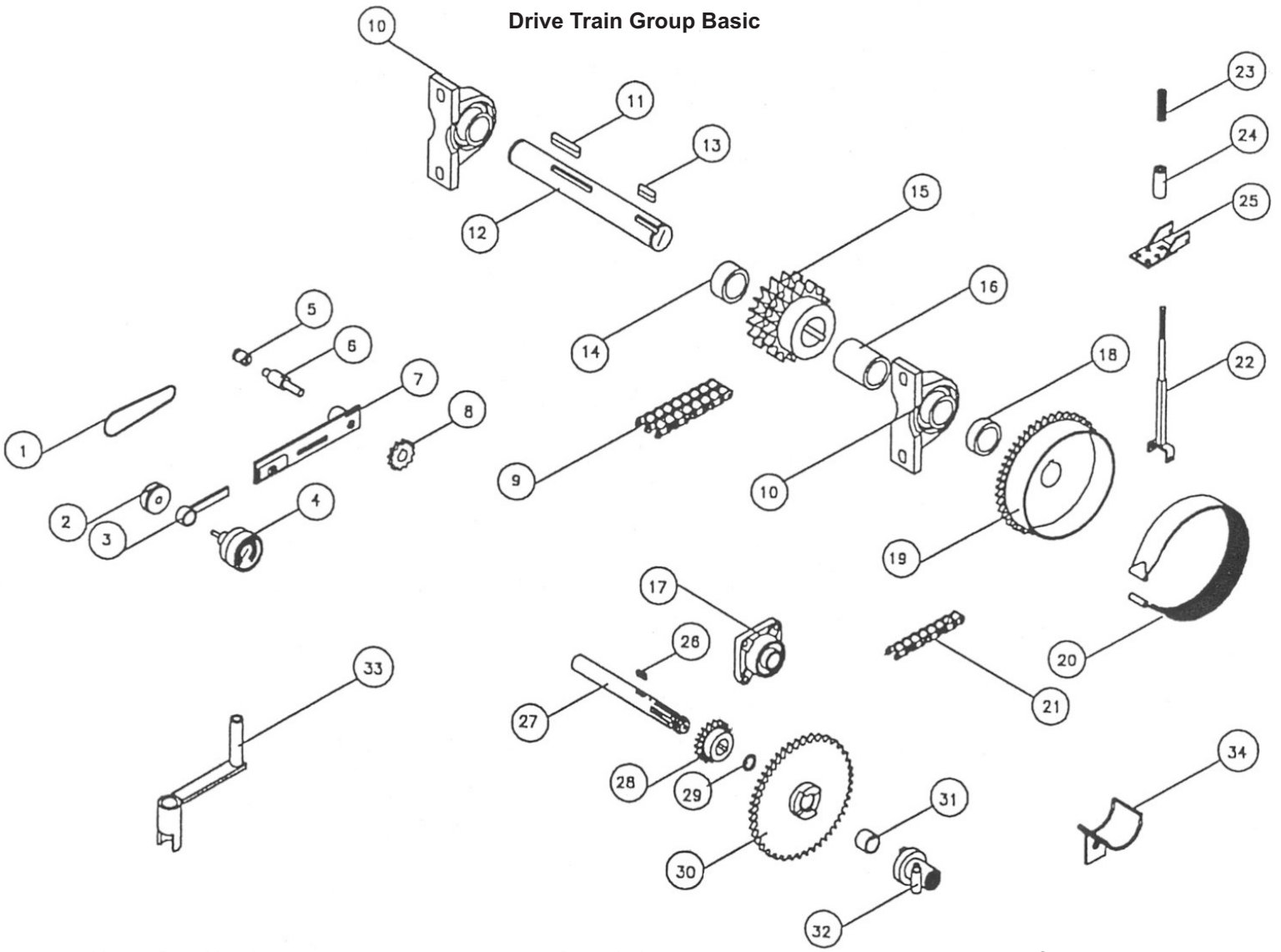
No.	Part Number	Description	Qty.
1	52662530	RING,RET IN	1
2	52663290	BEARING,DBL W5205-2RS .937	1
3	52662540	RING,RET EX	2
4	51648535	SHAFT,RNR LNG KW 6.9 OAL	1
5	58401120	KEY,WOODRUFF3/16X3/4NIALY	1
6	27733554	FACE PLATE 200/400 3/4SEA	1
7	58401111	SEAL,MECH 3/4"ID CERAMIC	1
8	58401130	BUSH,MACH 1X5/8X18GA	1
9	27733565	RUNNER, .9X 7.45 W/K.W.	1
10	58401140	BUSH,MACH 1X5/8X14GA	1
11	55248440	NUT,JAM NF 5/8 NYLON INSERT PLATED	1
12	46548510	O-RING 7-11/16X7-1/2X3/32	1
13	45035360	SPRING TNSN 1 X 6 PLATED	1
14	59403750	LEVER GATESHAFT	1
15a	55035390	STUD,SS 3/8-16X2-1/8 SPEC	8
15b	55448453	WASHER,LOCK SS 3/8	8
15c	55101733	NUT,SS 3/8	8
16	27748631	VOLUTE, PP200 (W/STUDS)	1
17	46548480	O-RING 4-5/8 X4-1/8 X1/4	1
18	27648512	DIVERter,BTTM ENT 200/400	1

## Turbine Assembly



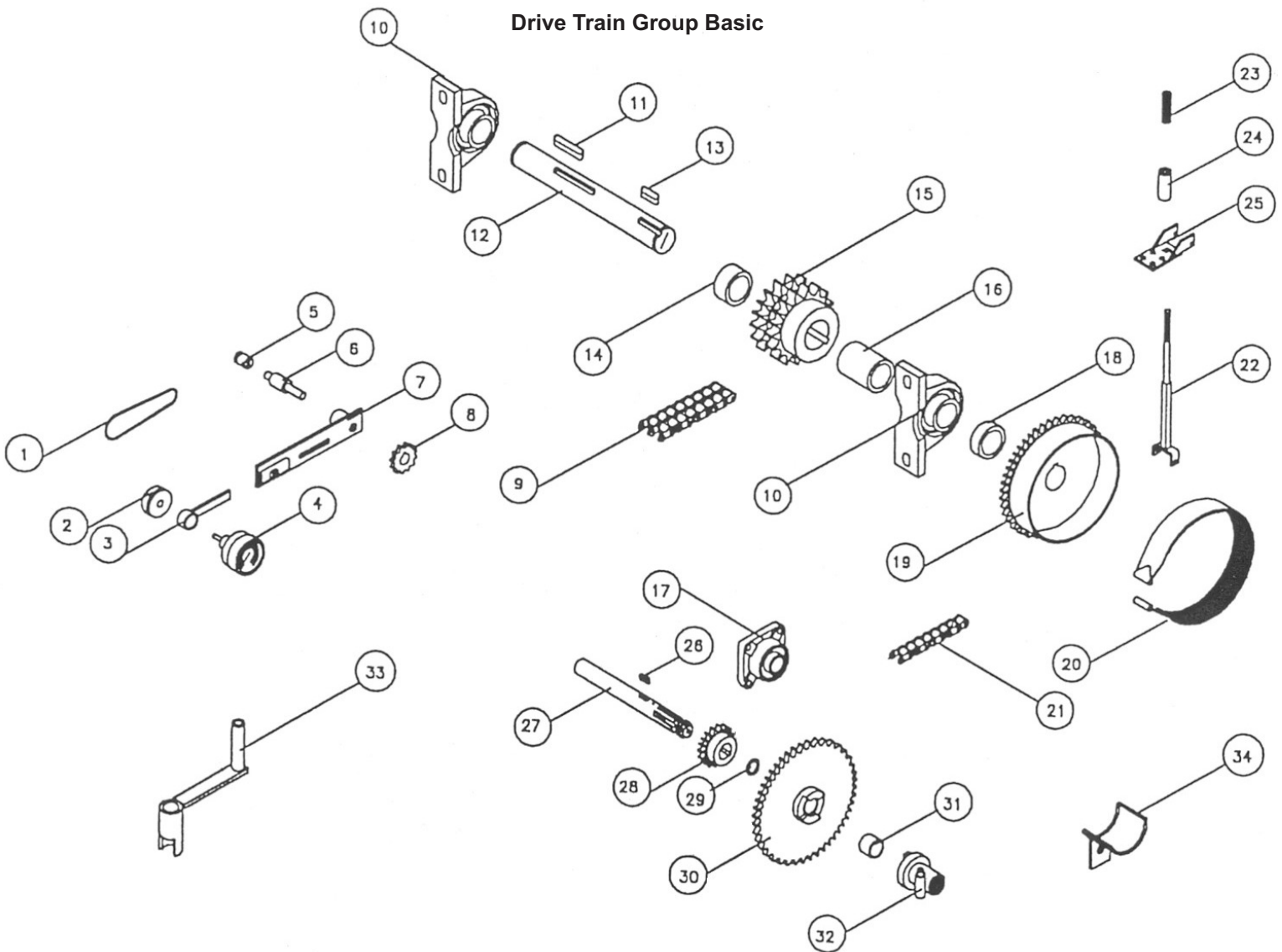
No.	Part Number	Description	Oty.
19	46546680	O-RING 5-1/8 X4-5/8 X1/4	1
20	30249150	KNOB,BALL 3/8-16 FEMALE THREADS	1
21	51348451	COLLAR,SET 3/4"	1
22	59403710	ARM COMP,GATE SHAFT	1
23	27734061	GATE, 200/400	1
24	51135100	BEARING,O FL .87X.75X.75 LNG	2
25	46534020	O-RING 7/8X3/4X1/16	2
26	27648471	PLATE,COVER 200/400	1
27	99070271	KIT GATE SHAFT ABV 300000	1
28	55636330	PIN,SPRING 7/32 X 1-1/2	1
29	46548500	O-RING 5-15/16X5-3/4X3/32	1
30	46548490	O-RING 4-1/4 X3-3/4 X1/4	1
31	59403140	STOP, GATE SHAFT	1
32	59500170	GATE SHAFT STOP	1
33	58506090	MOUNT,SPRING	1
34	58606750	GAUGE, PRESS 0-300	1
35	59403100	GATE SHAFT ARM	1

### Drive Train Group Basic



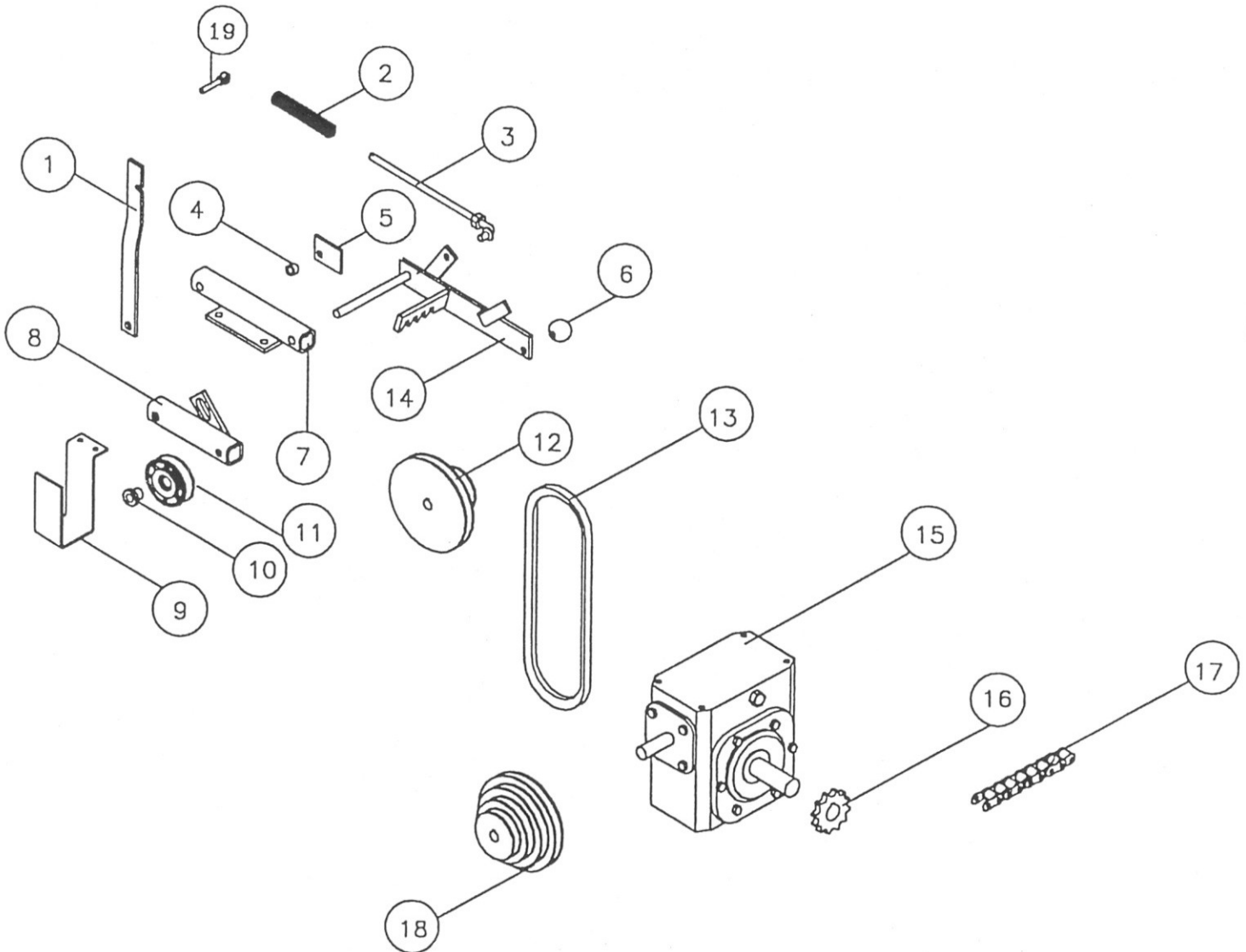
No.	Part Number	Description	Oty.
1	59406090	BELT,TACH 3MMX29.4 IN	1
2	59404410	PULLEY,TACH 2.31	1
3	59404400	MT,TACH	1
4	02201200	TACHOMETER ASM,0-400 FT/HR A SERIES	1
5	02201190	PULLEY,GREEN TACH .788	1
6	59502280	BEARING,TACH	1
7	59404370	MT,TACH & IDLER	1
8	88049311	SPRKT,50B10 5/8 BORE	1
9	87548471	CHAIN,#60-2DW RLLR PER FT	ft. 25
10	52651890	BEARING,PLLW BLCK 2-1/4"	2
11	52660710	KEY, 1/2 X 2 RD ENDS	1
12	59404150	JACKSHAFT	1
13	52660471	KEY 1/2 SQ X1-1/2 RD ENDS	1
14	59405812	TUBE 2.5 X 2.31 X 1.900	1
15	88048842	SPRKT,60-2B18 2-1/4B DBBL	1
16	59405811	TUBE 2.5 X 2.31 X 3.540	1
17	58408070	BEARING,FLANGE 4 HOLE 1-3/8	2
18	59405830	TUBE 2.5 X 2.31 X 1.190	1
19	59203050	SPRKT,BRAKE 60B54 2-1/4B	1
20	59203080	BAND,BRAKE 10 IN	1
21a	87548460	CHAIN,#50 ROLLER PER FT	ft. 5.7
21b	87548470	CHAIN,#60 ROLLER PER FT	ft. 7
22	59203031	SPRING BOLT	1

### Drive Train Group Basic



No.	Part Number	Description	Qty.
23	45048580	SPRING,COMP 2-1/2X1/2ID PLTD	2
24	59203711	CAP	1
25	59203010	MOUNT,BRAKE	1
26	52657930	KEY, 5/16 X 1-1/2 RD ENDS	1
27	58405190	SHAFT,CLUTCH	1
58	58405240	SPRKT,60B14 1-3/8 BORE	1
29	52660820	BUSH,MACH 2-1/8X1-3/8X18	1
30	52651750	SPRKT,CLUTCH 50-54	1
31	52651770	BEARING,O 1.62X1.37X1.12LNG	1
32	52651840	CLUTCH,PTO SNAP	1
33	06000530	CRANK	1
34	58801111	IDLER	1

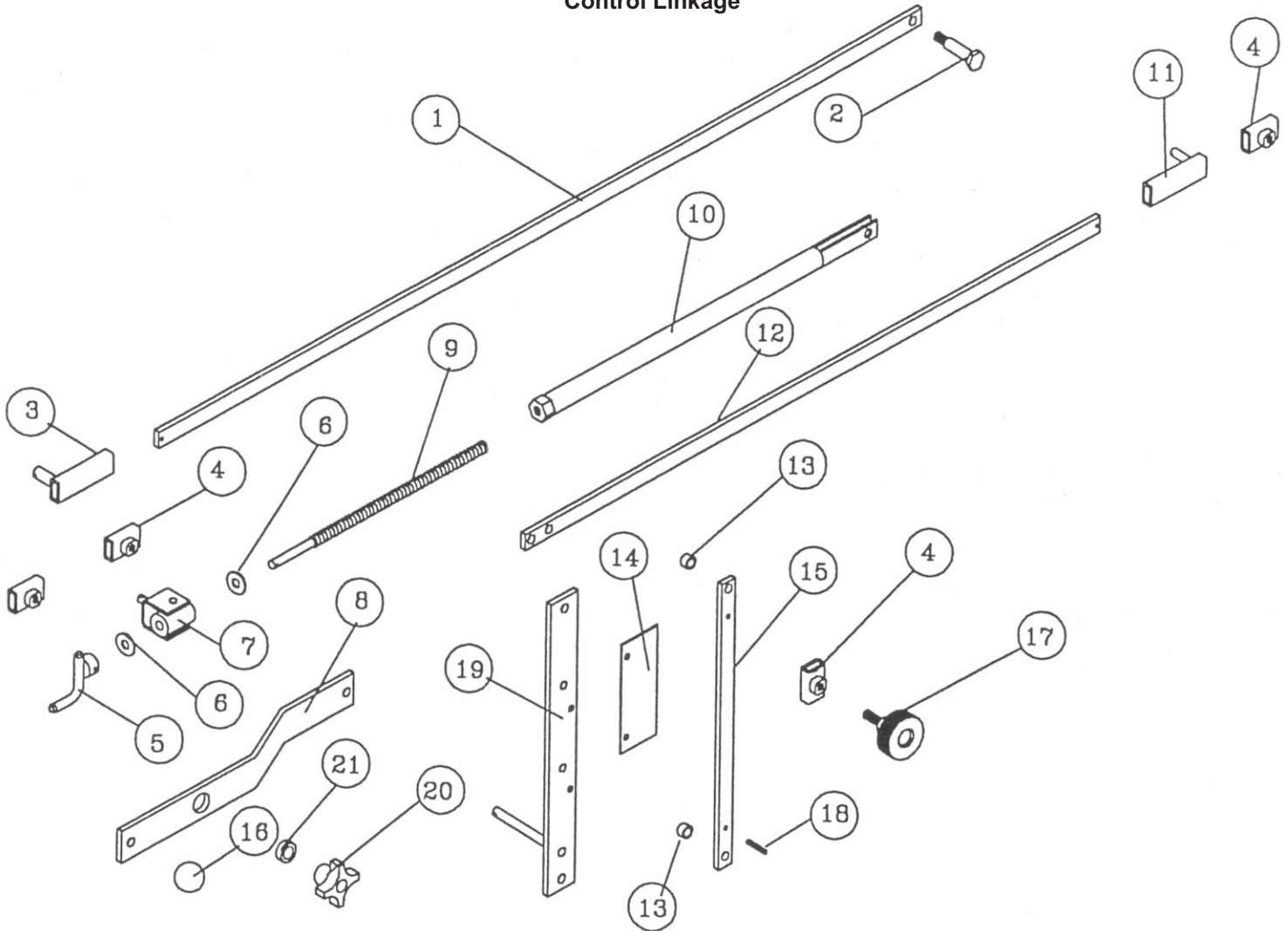
## Drive Train Group Turbine



No.	Part Number	Description	Qty.
1	59405590	IDLER HOLD OUT	1
2	59502140	SPRING COMP	1
3	59405580	SPRING SLIDE	1
4	51248470	BUSH,STL .56X.40X.28L	2
5	59500150	STOP	1
6	30249150	KNOB,BALL 3/8-16 FEMALE THREADS	1
7	59405400	IDLER MT.	1
8	59405440	IDLER MOUNT	1
9	59500140	SHIELD	1
10	58606130	BUSH,SHOULDERSB0003 EFSO	1
11	58606120	PLLY,IDLER W/O 1/2" SLEEVE	1
12	59405661	PLLY,4 STEP 5/8" BORE	1
13	58801845	BELT,COG 4L43	1
14	59405570	IDLER LEVER	1
15	58802861	GEARBOX,WORM20-1ASYJ 726B	1
16	88003711	SPRKT,50B12 1-1/8 BORE	1
17	87548460	CHAIN,#50 ROLLER PER FT	ft. 5
18	59405665	PLLY MACHINED	1
19	59500180	EYE,PIN	1

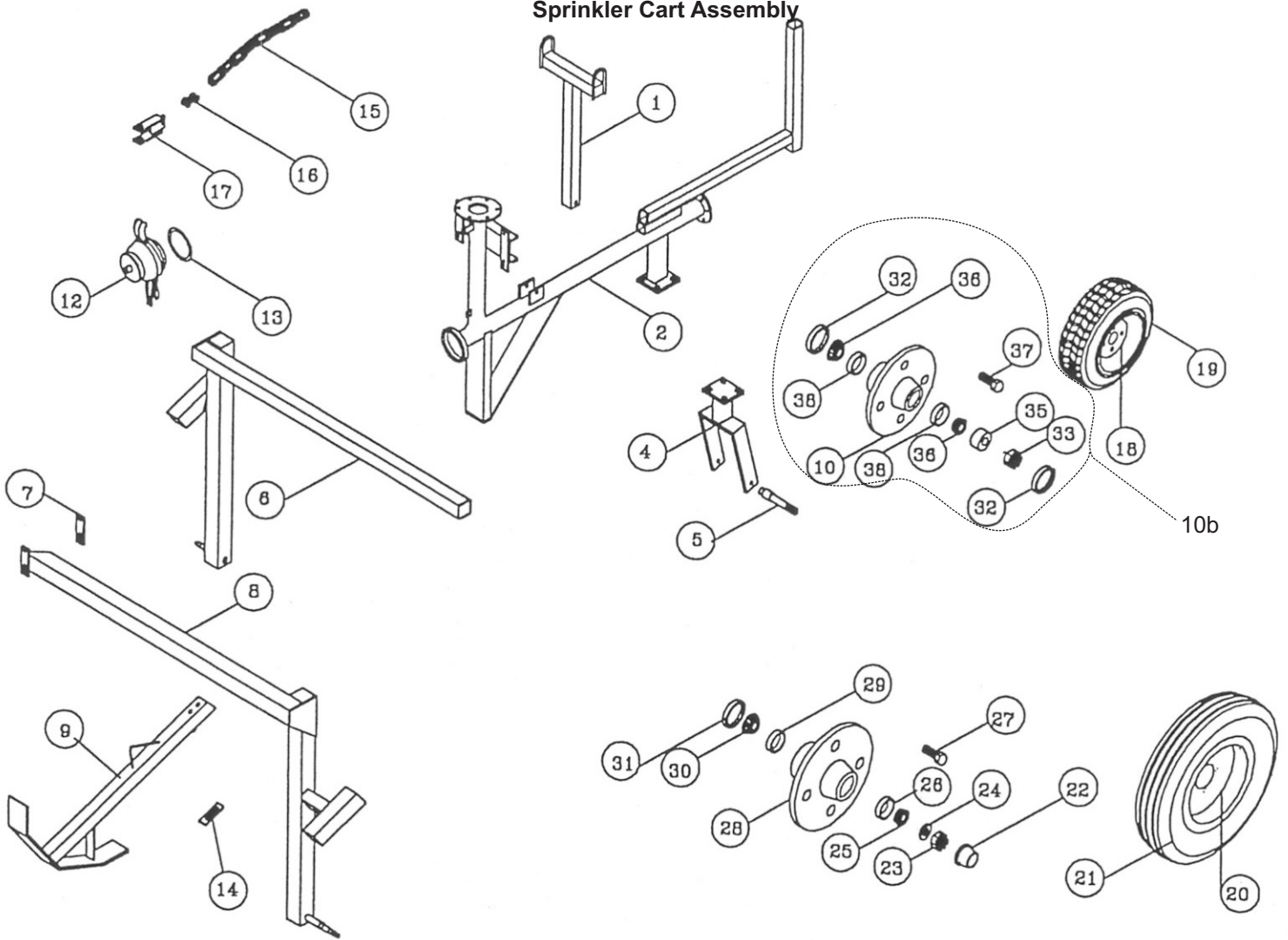


## Control Linkage



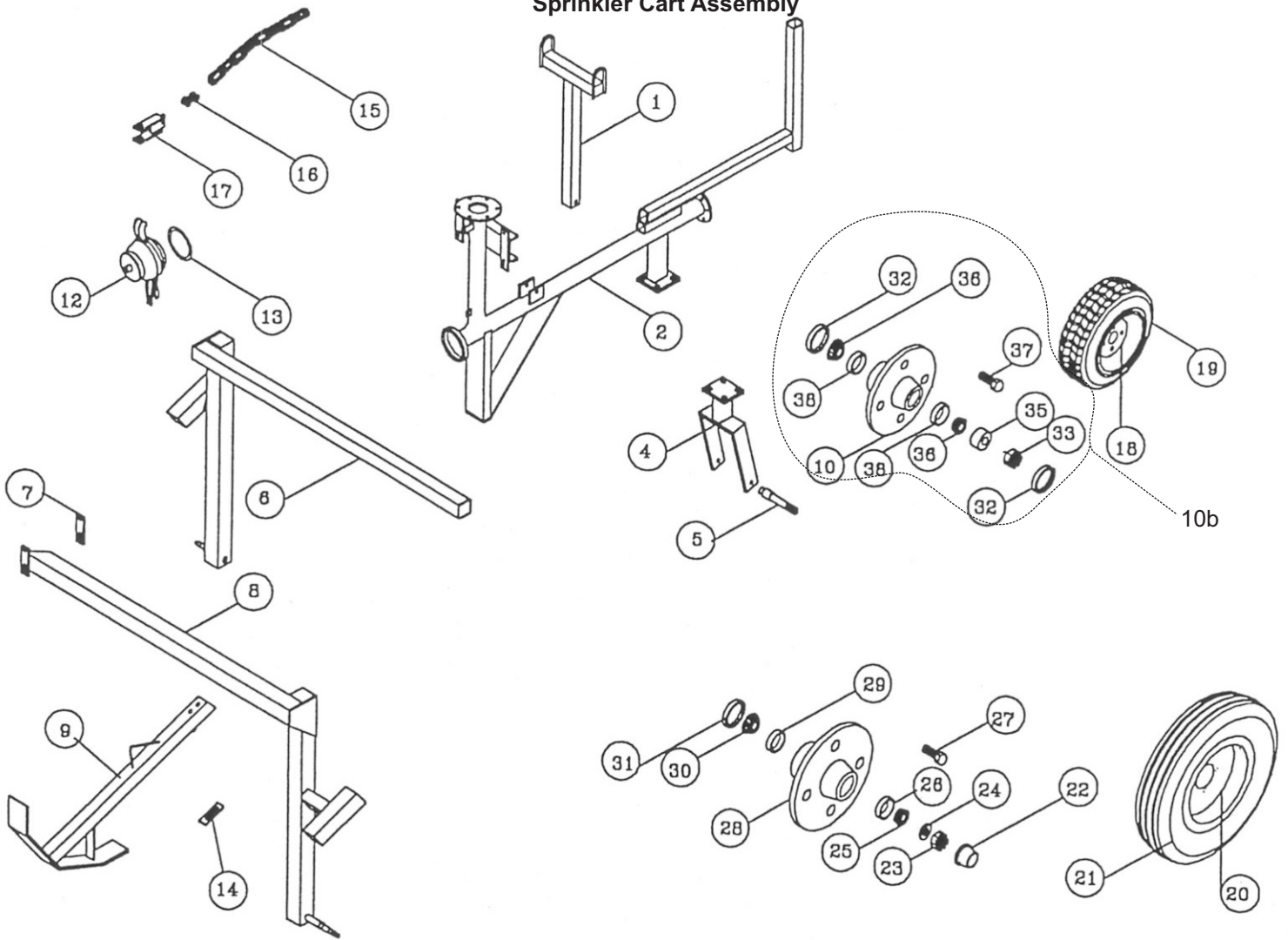
No.	Part Number	Description	Qty.
1	59404542	LINK	1
2	58700010	BOLT, SHOULDER 1-7/16	2
3	59404531	SLIDE W/1/2 PIN	1
4	59404480	SLIDE	3
5	58803090	HANDLE, CRANK	1
6	58506100	WASHER, NYLON 3/8	2
7	59500260	SWIVEL	1
8	59406120	ARM	1
9	58505650	SCREW	1
10	59403770	TUBE, COMP	1
11	59404530	SLIDE	1
12	59406140	LINK, 1/4X3/4X31.5	1
13	51248470	BUSH, STL .56X.40X.28L	2
14	59501460	PLATE, DECAL	1
15	59404490	LINK	1
16	30249150	KNOB, BALL 3/8-16 FEMALE THREADS	1
17	50100050	KNOB, STAR 3/8-16 X 1" MALE	1
18	58505911	PIN, SPRING 5/32 X 3/4	2
19	59404500	ARM	1
20	40248530	KNOB, 1/2 IN. INTRNL THD	1
21	59000260	SPACER	1

### Sprinkler Cart Assembly



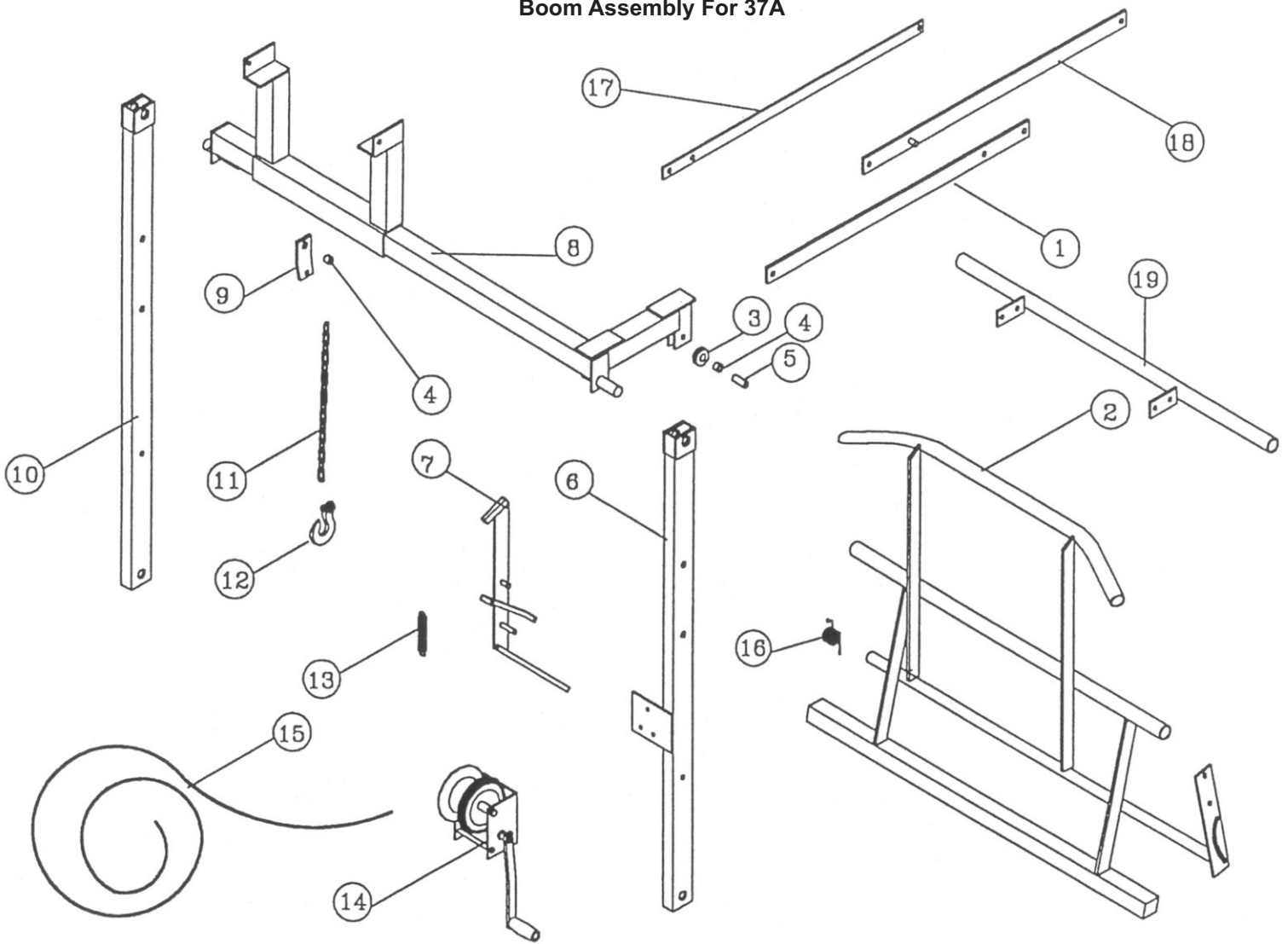
No.	Part Number	Description	Qty.
1	59100031	BAIL,LIFT	1
2a	59403821	Body Guncart 37-40 (22.6" Riser)	1
2b	59403824	Body Guncart 37-40 (9.5" Riser)	1
4	06009974	YOKE, FRONT	1
5	06010199	AXLE,FRONT	1
6a	59500530	LEG,INNER 37-40 (39.8" Leg Height)	1
6b	59500531	LEG, INNER 37-40 (26.19" Leg Height)	1
7	58408430	STRAP	2
8a	59500490	LEG,OUTER 37-40	2
8b	59500491		
9	59500480	LEG,STABILIZER GUNCART	2
10a	58803564	HUB,WITH RACES ONLY W440	1
10b	59503820	HUB & AXLE ASSM GUNCART40	1
12	59406100	PLUG,GUNCART	1
13	58800233	SEAL RING 4" 6-3/8 OD X 9/16	1
14	59700910	PIN,3/8 X 2.5	2
15	85040600	CHAIN,3/8 PROOF COIL PLTD	ft. 3
16	52353941	CLEVIS,DBL CMBL 542-3301	2
17	52354210	HITCH, CHAIN	1
18	59302640	WHEEL,8X5.75 4BOLT 4BCD	1
19a	59302650	TIRE,16X6.5X8 4 PLY	1
19b	59302651	TUBE,INNER 16X6:50X8	1
19c	59506060	WHEEL&TIRE,16X6:50X8 4PG	1
20	50201740	WHEEL&TIRE ASSY 6.70X15 5"BCD4BOLT	2

### Sprinkler Cart Assembly



No.	Part Number	Description	Qty.
21a	22702560	TIRE,6.70X15 4 PLY	2
21b	22702561	TUBE,INNER 5:90 & 6.70X15	2
22	22709360	CAP,HUB	2
23	55209440	NUT,SLOTTED NF 5/8	2
24	55306280	BUSH,MACH 1-1/2X1X18GA	2
25	51509420	BEARING,TIMKEN LM11949	2
26	51009410	RACE,OUTER LM11910	8
27	58900630	Bolt Wilton 9435491	2
28	58900650	HUB,WITH CUPS ONLY W633	2
29	51009400	RACE,LM67010	2
30	51509390	BEARING,TIMKEN LM67048	2
31	58900660	SEAL,CR14975	2
32	58803565	SEAL,CR12437	2
33	51516020	nut 1" NFF Slotted	2
35	06002450	SLEEVE	1
36	58803563	BEARING,TIMKEN L44643	2
37	58803560	BOLT,LUG WILT 913535	4
38	50702930	KIT, CUP AND CONE SET	2
39	59504930	SPINDLE,REAR GUNCART	2

### Boom Assembly For 37A



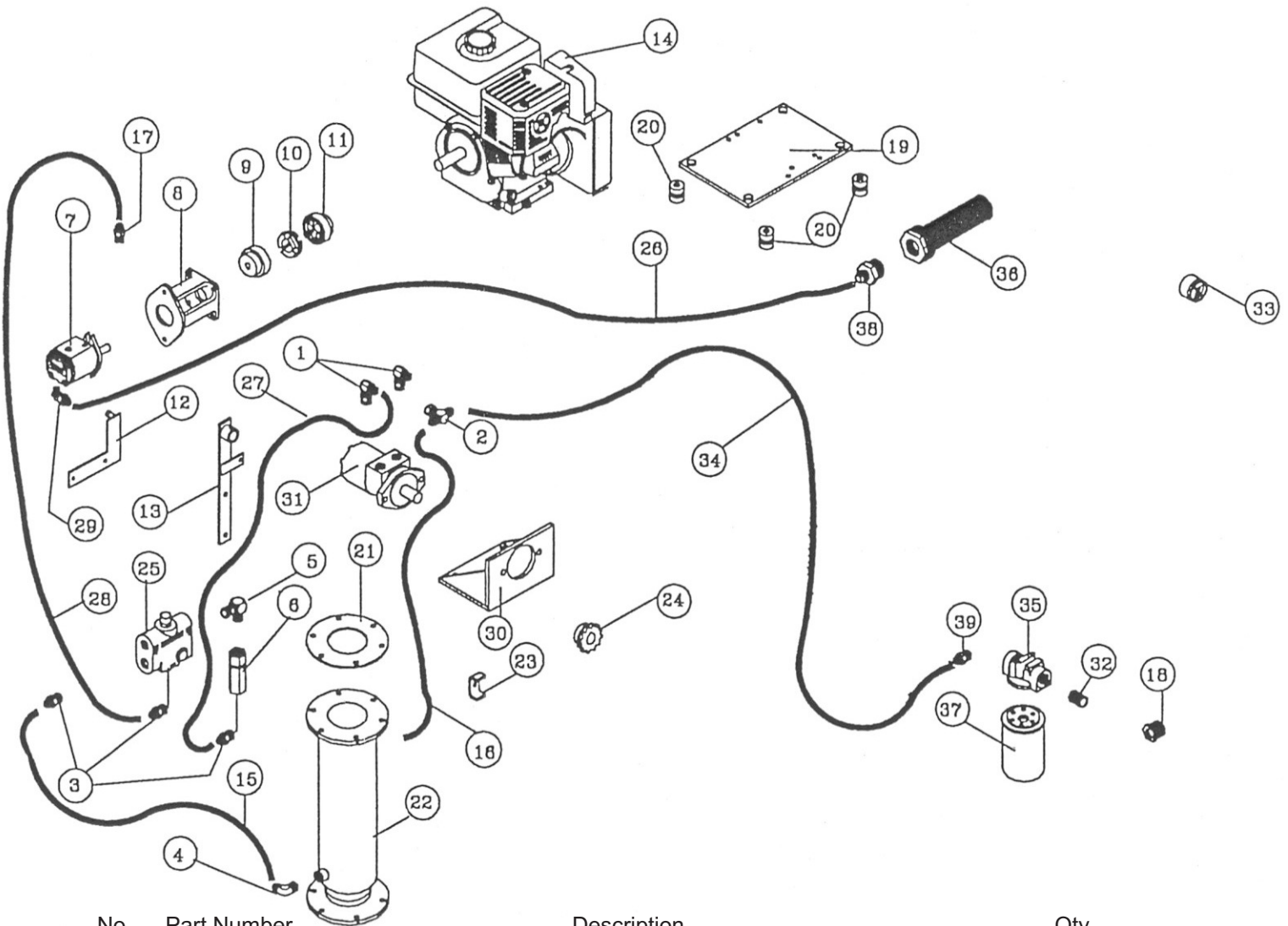
No.	Part Number	Description	Oty.
1	59500670	BRACE	2
2	59403621	SHUT OFF BAR	1
3	40249060	PLLY,WRP17/32X2X7/8B STL	1
4	32551910	BUSH,STL.843X.56X.62L	4
5	59500540	BUSH,STL 3/4X.51X1.75L	1
6	59403391	ARM,LIFT	1
7	59404760	BOOM,CATCH	1
8	59403491	BOOM,LIFT ASSM.	1
9	59500730	LINK,BOOM CHAIN	2
10	59403361	ARM,LIFT	1
11	85040600	CHAIN,3/8 PROOF COIL PLTD	ft. 4.7
12	52355650	HOOK,CLEVIS SLIP 3/8 ZN	2
13	45035360	SPRING TNSN 1 X 6 PLATED	1
14A	40048551	WINCH FULTON K 1550	1
14B	59500320	WINCH,750KG TROLLEY LIFT	1
15	75048440	CABLE,1/4-7X19 GAC PER FT	ft. 12
16	02000166	SPRING, COIL - SHUT OFF	1
17	59500690	TRANSPORT STRAP	2
18	59500680	BRACE	2
19	59501520	BAR,SAFETY	1



No.	Part Number	Description	Qty.
1	59405651	DECAL,WARNING	1
2	59405650	DECAL,INSTRUCTION	1
3	59504041	DECAL PERFORMANCE E-37	1
4	59404031	DECAL PERFORMANCE T-37	1
5	58502992	DCL ROUND LOGO 6 IN.	6
6	58608212	DECAL,MADE IN USA 4.8X7.1	1
7	59001130	DECAL, GASOLINE	1
8	58504042	DCL AG-RAIN 3 IN LTRS	3
9	59001100	DECAL, SPRING ADJUSTMENT	1
10	59000130	DECAL,LVLWND LUBRICATION	1

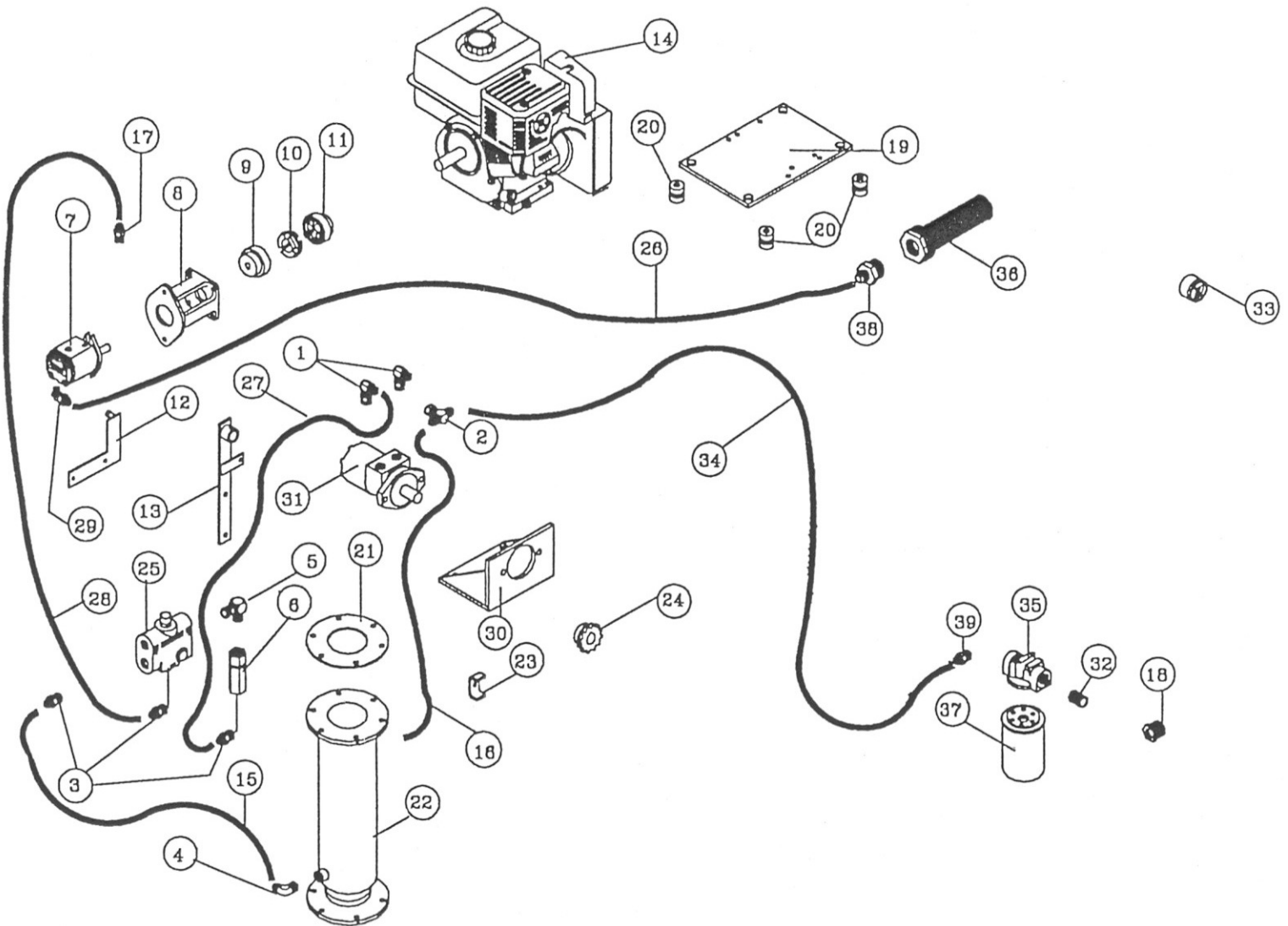


## Engine Drive Assembly



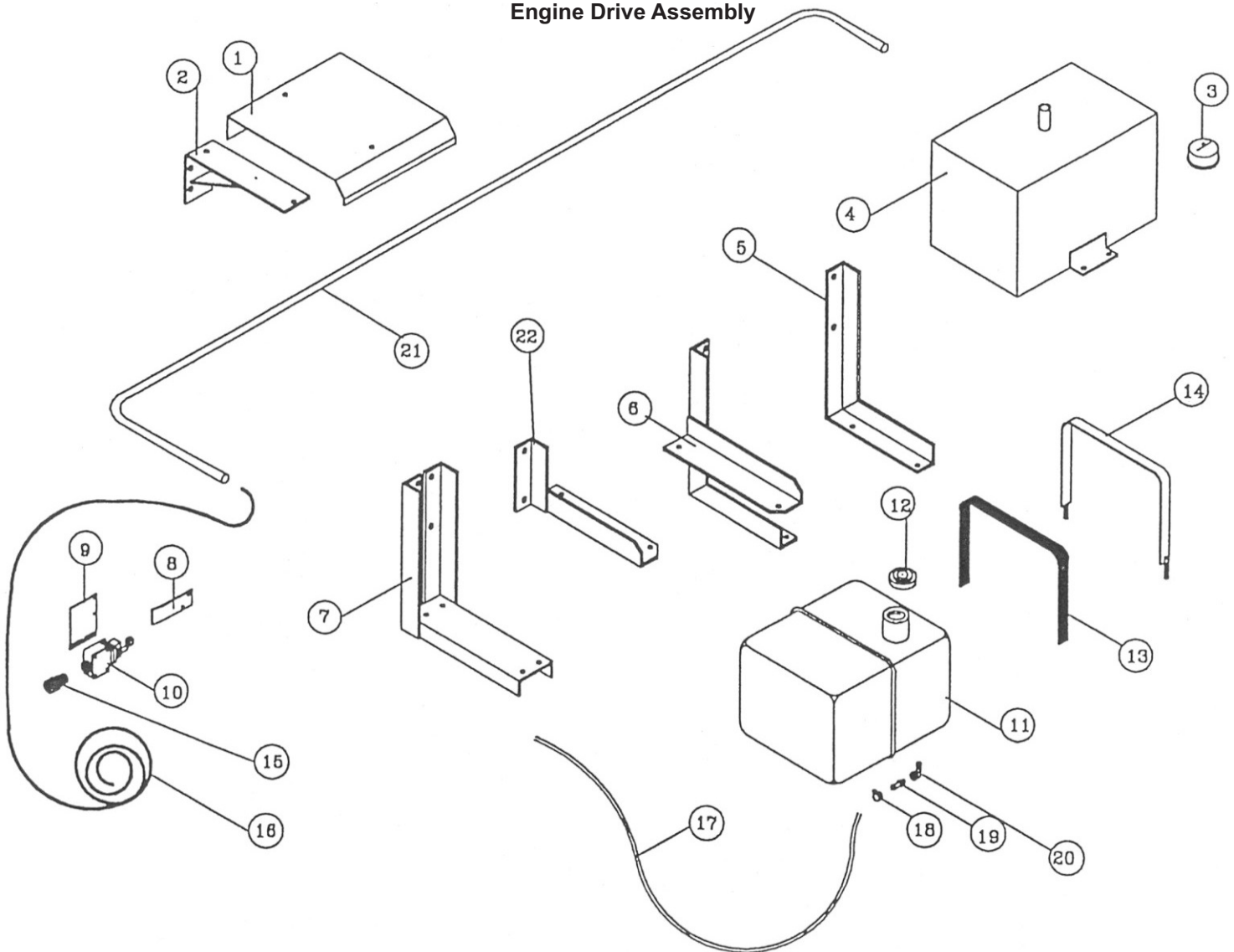
No.	Part Number	Description	Qty.
1a	59501220	ADPTR,8MJICX1/2MNPTX90DEG	2
1b	59501190	ADPTR,8MJICX8MJICX90DEG	2
2	59501200	ADPTR,8MJICX8FJIC-SWX8MJI	1
3	59501210	ADPTR,8MJICX1/2MNPT	5
4	59501220	ADPTR,8MJICX1/2MNPTX90DEG	1
5	59501150	ADPTR,1/2MNPTX1/2MNPTX90	1
6	59501000	VALVE,HYD CHECK	1
7	59500990	PUMP,HYDRAULIC 37/40	1
8	59501040	ADPTR,FLANGE,PUMP-ENG 8HP	1
9	59501020	CPLNG,HALF PUMP 5/8" BORE	1
10	59501030	CPLNG,RUBBER 25 THROUGH40	1
11	59501010	CPLNG,HALF ENG 1" BORE	1
12	59404660	MT,SPRING	1
13	59404560	ARM	1
14	58407016	ENGINE,B&S 9 HP	1
15	59501100	HOSE,8FJICX8FJIC90.3 12.5	1
16	59501110	HOSE,8FJICX8FJIC90 3/8 22	1
17	59501340	ADPTR,8MJICX6SAE	1
18	52501610	BSHNG,RDCNG STEEL (PLTD) 1X3/4	1
19	59500331	PLATE ENG B&S 9 HP	1
20	59404260	DAMPENER,MOTOR MT.	4
21	59001700	GASKET 6.12 BCD	2
22	59403570	COOLER,HYD OIL	1

## Engine Drive Assembly



No.	Description	Qty.
23	59404170 CLAMP,HYD HOSE	2
24	88003710 SPRKT,50B12 1 BORE	1
25	59500970 CONTROL,FLOW 8GPM 37/40	1
26	59501140 HOSE,12FJICX12FJIC90.7 30	1
27	59501090 HOSE,8FJICX8FJIC 3/8X17.5	1
28	59501260 HOSE,8FJICX6FJIC90 .3 113	1
29	59501170 ADPTR,12MJICX12SAEX90DEG	1
30	59403041 Mt. Motor Hyd.	1
31	59500980 MOTOR,HYDRAULIC 37/40	1
32	52501600 NPPL,CLOSE GLV 3/4	1
33	59501080 GAUGE,OIL FILTER	1
34	59501250 HOSE,8FJICX8FJIC90 3/8 70	1
35	59501060 HEAD,OIL FILTER	1
36	59500800 FILTER HYD. OIL	1
37	59501070 FILTER,SPIN HYD OIL	1
38	59501180 ADPTR,12MJICX1-1/4MNPT	1
39	59501230 ADPTR,8MJICX3/4MNPT	1

## Engine Drive Assembly



No.	Part Number	Description		Oty.
1	59404080	Shield, Motor Top		1
2	59404051	Brkt., Sheild		1
3	59501240	CAP,TANK-OIL		1
4	58600483	TANK,OIL 10 GAL		1
5	59405900	Mt., Engine Left		1
6	59405910	Mt., Engine Right		1
7	59405990	Mt., Oil Tank		1
8	59500080	RAMP,SHUT OFF		1
9	59404680	Switch Mt.		1
10	52662152	SWITCH BODY & ROTARY HEAD		1
11	58406930	TANK,FUEL&CAP 5.3GAL		1
12	58406939	CAP,TANK-5.3 GAL GAS		1
13	58701670	BELTING,NEOP 5 PLY 1 IN	ft.	6.5
14	58406210	STRAP, GAS TANK		2
15	52662170	GROMMET,CMRSSH 1/2 NPT		1
16	58406700	WIRE,ELECT.3 WIRE 14 GA	ft.	1.4
17	58406952	HOSE,GAS 3/8	ft.	2
18	56048450	CLAMP,SCREW 7/32X5/8		2
19	52548761	BARB,1/8"NPT X 3/8" HOSE		1
20	52540340	ELBW,STRT GLV 1/8X90DEG		1
21	59404692	Tube, Wire		1
22	59406020	Mt. Gas Tank Rt.		1