

# **Turbine Drive Water-Reels®**

## **Engine Drive Slurry-Reels**



### **PARTS MANUAL**

### **TURBINE/ENGINE DRIVE**

**T25 & E27**

**S/N 11,000**

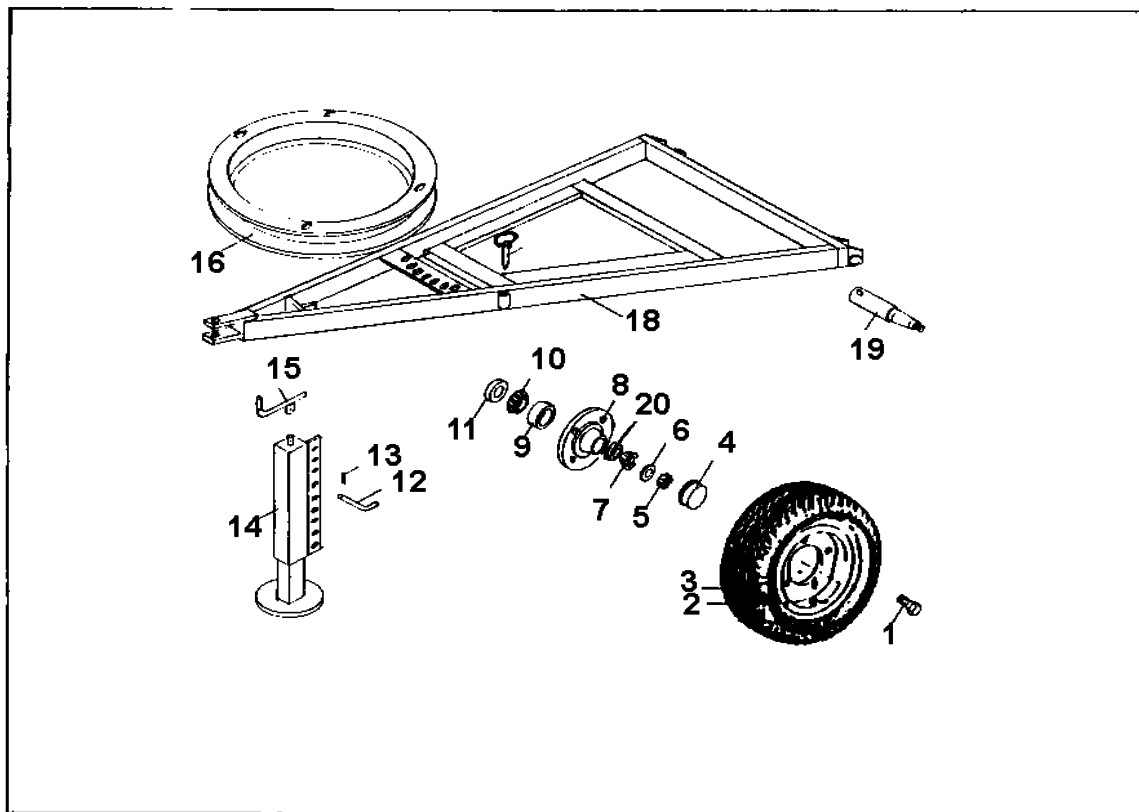
CONSTRUCTED 10/28/08 Rc



P.O. Box 290 - 600 S. Schrader Ave.  
Havana, Illinois 62644  
Phone: (309) 543-4425 - Fax (309) 543-4945

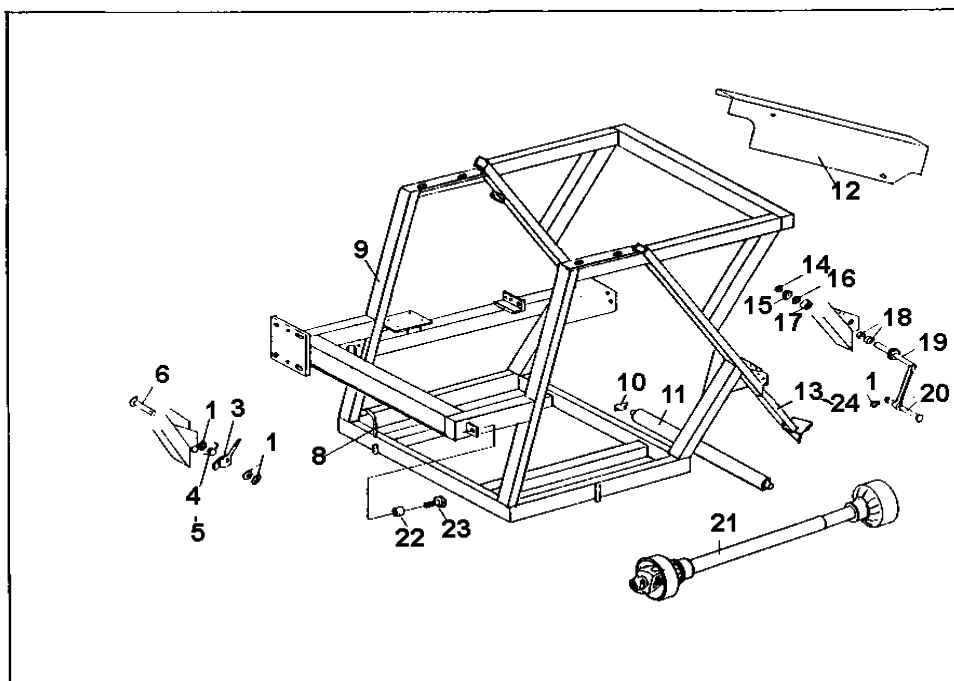
Note Some Parts Are Not Available

**RUNNING GEAR ASSEMBLY**



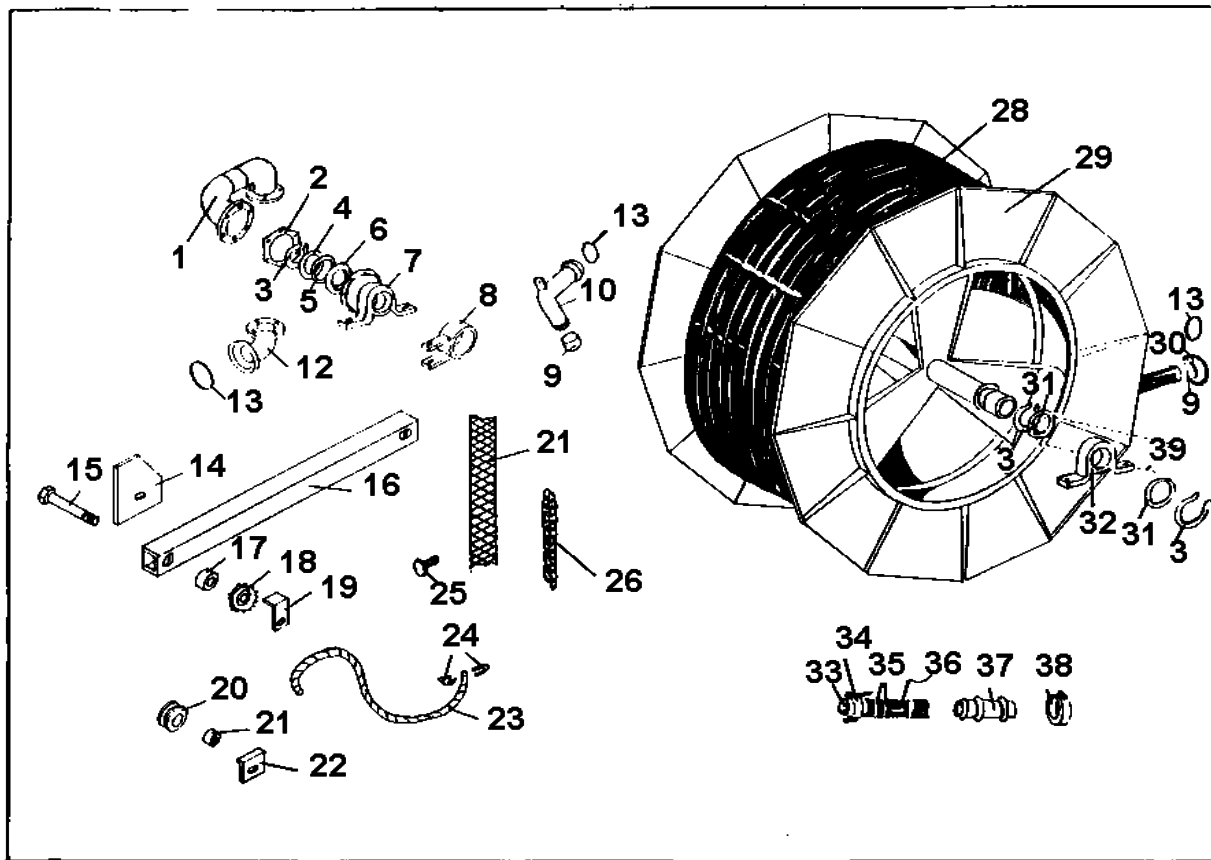
Item	Part Number	Running Gear Assembly Description	Qty.
1	58900630	Bolt, Wilton 913539 Lug	8
2	50201740	WHEEL&TIRE ASSY 6.70X15 5"BCD4BOLT	2
3	58802520	Tire, 6.70 x 4 1/2 KB 4 Bolt	2
4	22709360	CAP,HUB	2
5	55209440	NUT,SLOTTED NF 5/8	2
6	55306280	BUSH,MACH 1-1/2X1X18GA	2
7	51509420	BEARING,TIMKEN LM11949	2
8	58900650	HUB,WITH CUPS ONLY W633	2
9	51009400	RACE,LM67010	2
10	51509390	BEARING,TIMKEN LM67048	2
11	58900660	SEAL,CR14975	1
12	58901520	Pin	1
13	56102040	PIN,HAIR .118DIAX2-11/16	1
14	02000402	JACK,TONGUE T25A,25Q	1
15	58901530	Handle Jack	1
16	02010121	BEARING,TURNTABLE	1
17	52358660	PIN,HITCH 3/4 X 6-1/2	1
18	58802012	Chassis, T-25	1
19	58901510	SPINDLE, T25	2
20	51009410	RACE,OUTER LM11910	2

CRADLE PAGE



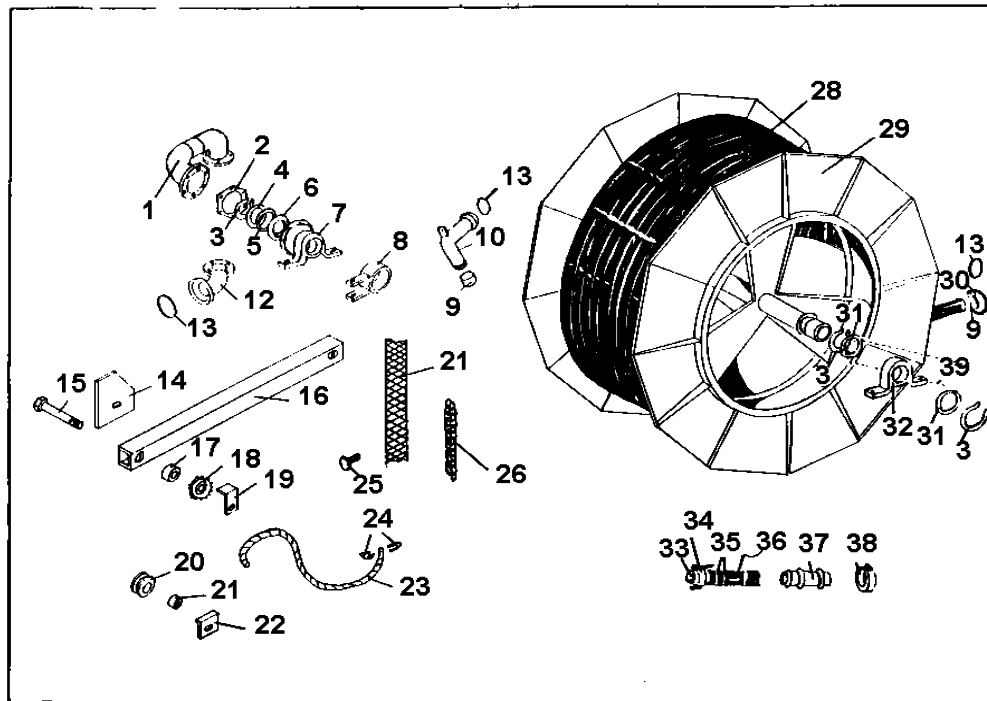
Item	Part Number	Description	Qty.
1	55317331	BUSH,MACH 1-3/8X7/8X14GA	4
3	02010127	HANDLE,PAWL	2
4	02010128	SPRING,RIGHT TORSION	1
5	02010135	SPRING,LEFT TORSION	1
6	02010129	PIN .55 X 3.37 OAL	2
7	52662540	RING,RET EX	2
8	02010133	Pin	1
9	58803631	Cradle	1
10	02010404	PLATE	1
11	02010410	ROLLER	1
12	02010124	Guard, Levelwind Chain	1
13	02010125	LEG,STABILIZER RIGHT	1
14	55170011	NUT,10-1.5MM NYLOC	2
15	02099058	NUT	2
16	02099049	WASHER	2
17	02099059	SPRING, RUBBER STABILIZER	2
18	02099056	BEARING,BRZ	4
19	02010126	CRANK	2
20	02000048	HANDLE	2
21	30036044	SHAFT,PTO60"OAL#1 BUSH	1
22	58803110	TUBE PTO MT	1
23	55049181	BOLT,3/4 X 3 HEAVY HEX	2
24	02010134	LEG,STABILIZER LEFT T-25	1

SPOOL PAGE



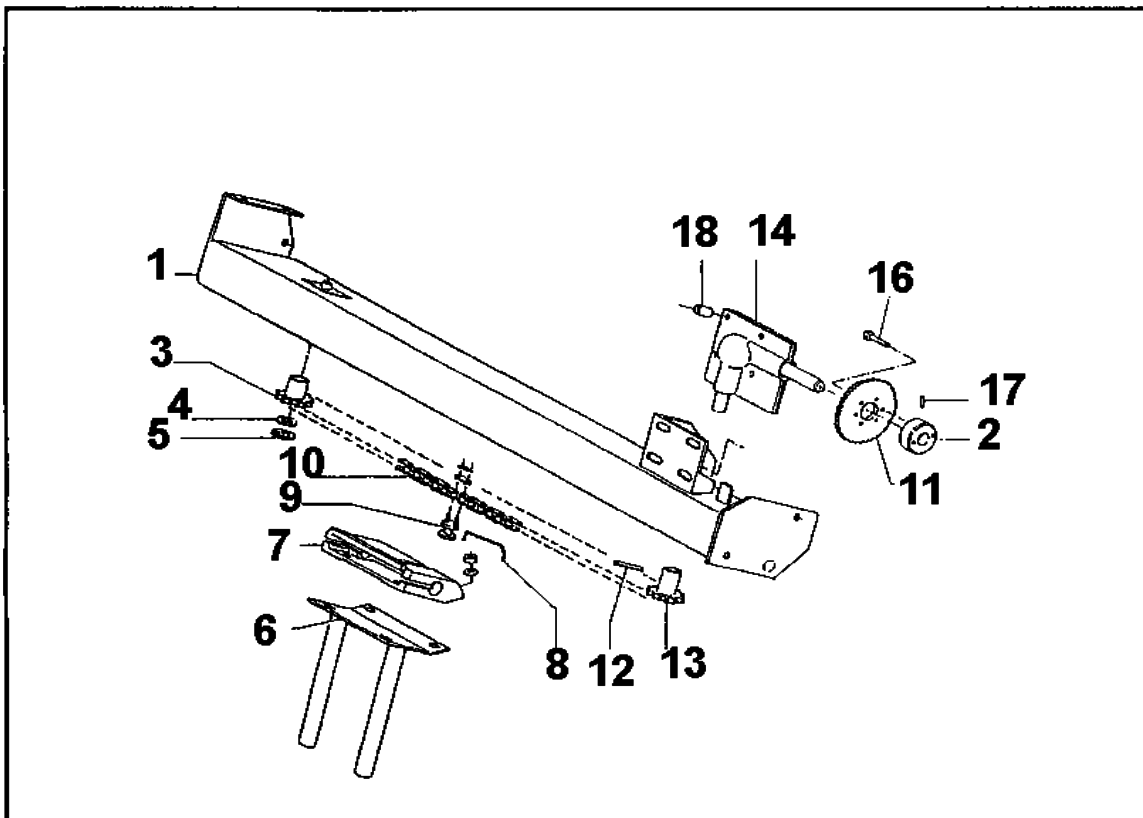
Item	Part Number	Description	Qty.
1	58500179	Elbow, Upper	1
2	02000185	GASKET,RISER 5.12 BCD 3-1/2 ID	1
3	02000428	SNAP RING 65 MM	3
4	02000439	SPACER	1
5	02000441	WASHER,NYLON THRUST	1
6	02000440	SEAL,CHEVRON	1
7	02000442	BEARING,SPOOL RH FLANGED (AG4)	1
8	58801030	BEARING,IDLER-T25	1
9	02099450	BAND, HOSE 75MM	2
10	02000445	ELBW,78MMX3" FEMALE LVR.	1
12	58801552	FITTING,ENTRY T21&T25	1
13	58800223	SEAL RING 3" 4.5 X 3.5 X 1/2	3
14	58804690	GUARD PLATE, IDLER	1
15	55025550	BOLT,3/4 X 5-1/2	1
16	58803171	Idler Arm T-25	1
17	58900082	Bushing 5/8 x 1 x 1-1/2" Long	1
18	88015690	IDLER,W/BUSH	1
19	58804700	GUARD,IDLER	2
20	40249060	PLLY,WRP17/32X2X7/8B STL	2
21	32551910	BUSH,STL.843X.56X.62L	2
22	58606210	CABLE RETAINER	2
23	75048440	CABLE,1/4-7X19 GAC PER FT	ft. 8
24	56040450	Clamp 1/4"	4
25	52357180	BOLT,STEP 5/16 X 1 GR2	13
26	87548480	CHAIN,#80 ROLLER PER FT	ft. 20.56
27	58900941	BELTING 30 1.75 X 23.5'	1

SPOOL PAGE



Item	Part Number	Description	Qty.
28	58401779	TUBE,PE 75MM 2.5 ID PER FOOT	800
29	58900864	Tube End	1
30	02000453	TUBE END,75MM X 3" SOCKET	1
31	02000429	SPACER	2
32	02000430	BEARING	1
33	58802560	HOSE END, 3" BALL TO 3" HOSE	1
34	58800221	LEVER RING 3" 451 76MM	1
35	03019207	SUPRA CLAMP 79MM-85MM	4
36	25249622	HOSE, IRR SUPPLY REMNANT 3"(PERFT	30
37	58802661	HOSE END INLET 3	1
38	40049271	BAND,RING LOCK 3 IN	1
39	87548450	CHAIN,#40 ROLLER PER FT	8.3

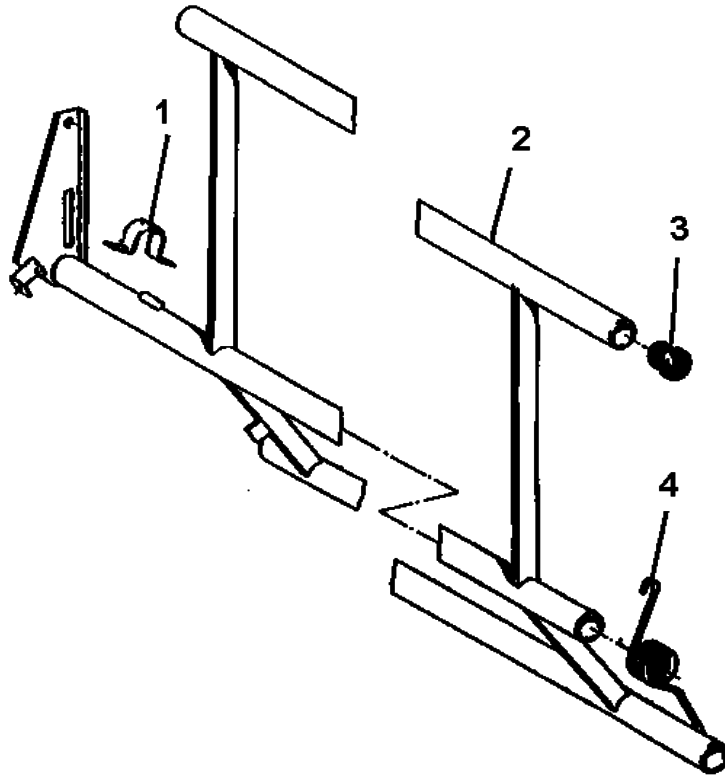
**LEVELWIND MECHANISM**



**LEVELWIND MECHANISM**

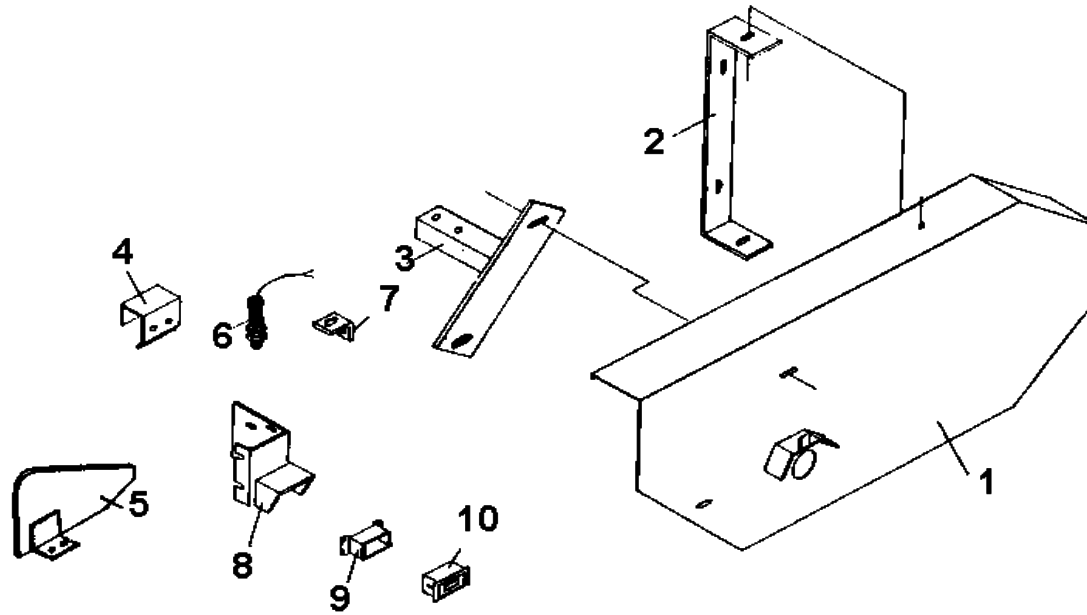
Item	Part Number	Description	Qty.
1	02199477	FRAME,LEVELWIND58-3/4"OAL	1
2	02000153	HUB, SPROCKET	1
3	02000475	SPRKT,LVLWND IDLER 13T A1	1
4	55306280	BUSH,MACH 1-1/2X1X18GA	1
5	52662540	RING,RET EX	1
6	02010142	FORK, 75MM - A1 SHORT	1
7	02000141	SUPPORT,FORK	1
8	02000776	CLIP,RETAINING	1
9	02000496	LINK, HOSE GUIDE, ROUND END	1
10	02000473	CHAIN 5/8 METRIC ROLLER PER FT.	
11a	02000482	SPRKT,1/2" A 30T SPECIAL	1
11b	02203860	SPRKT,1/2 X 27 TOOTH	1
12	58902140	PIN,SPRING 7MM X 45MM	1
13	02000479	SPRKT,LVLWND DRIVER 13T 5/8"	1
14	02001085	GEARBOX,RIGHT ANGLE	1
16	55050010	Bolt, 8mm x 25mm	2
17	02000152	SCREW,12MMX25MM DOGPOINT(7.5MM DIA)	1
18	02001084	SPACER, GEARBOX - A-SERIES	4

HOSE RETENTION BAR



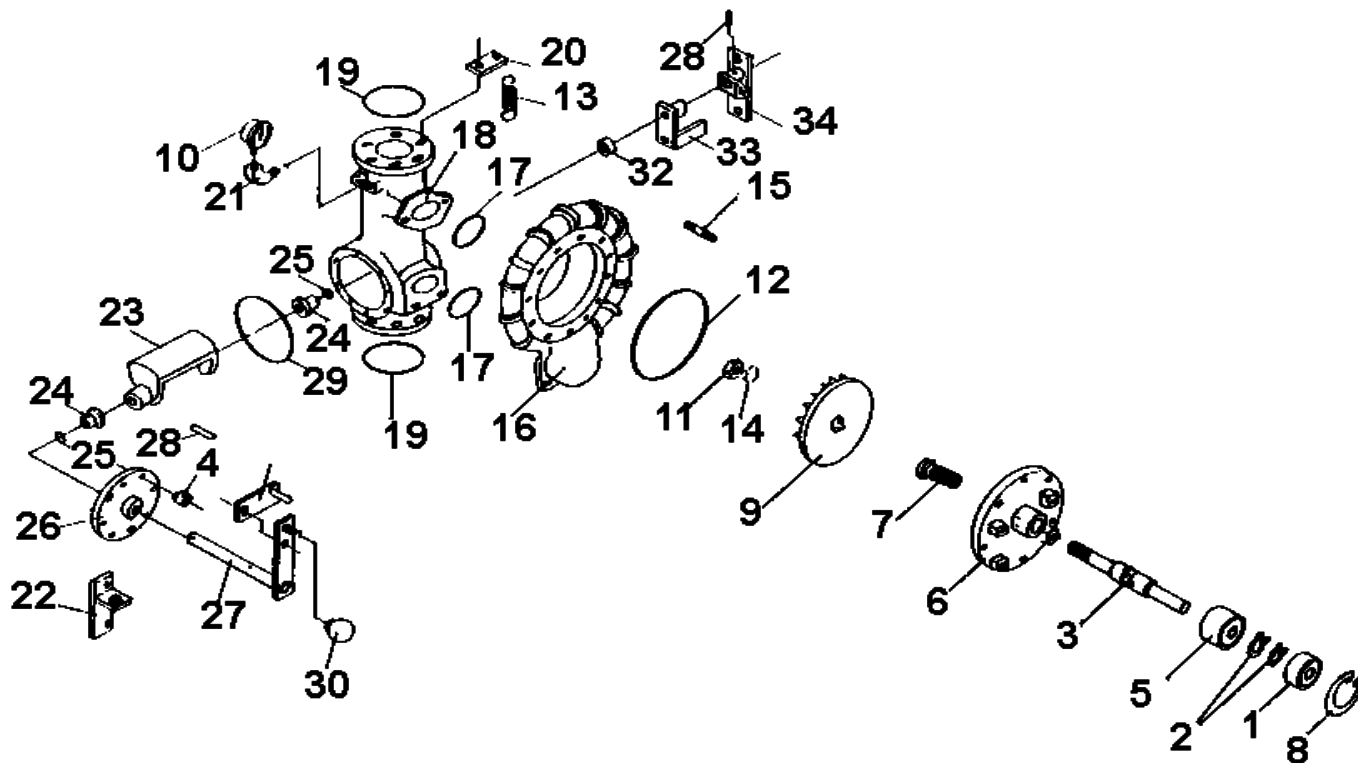
Item	Part Number	Description	Qty.
1	02000164	RETAINER	2
2	02010144	Compensator Bar	1
3	02000163	Plug	2
4	02200166	SPRING, COIL - SHUT OFF	1

**Shield Group**



Item	Part Number	Description	Qty.
1	58802388	Guard, T-25	1
2	58900792	Bracket, T-25	1
3	58900761	Guard Bracket	1
4	58802410	GUARD,BELT ALL T SERIES	1
5	58900970	Guard, Final Drive Sprocket	1
6		Not on this model	
7		Not on this model	
8		Not on this model	
9		Not on this model	
10		Not on this model	

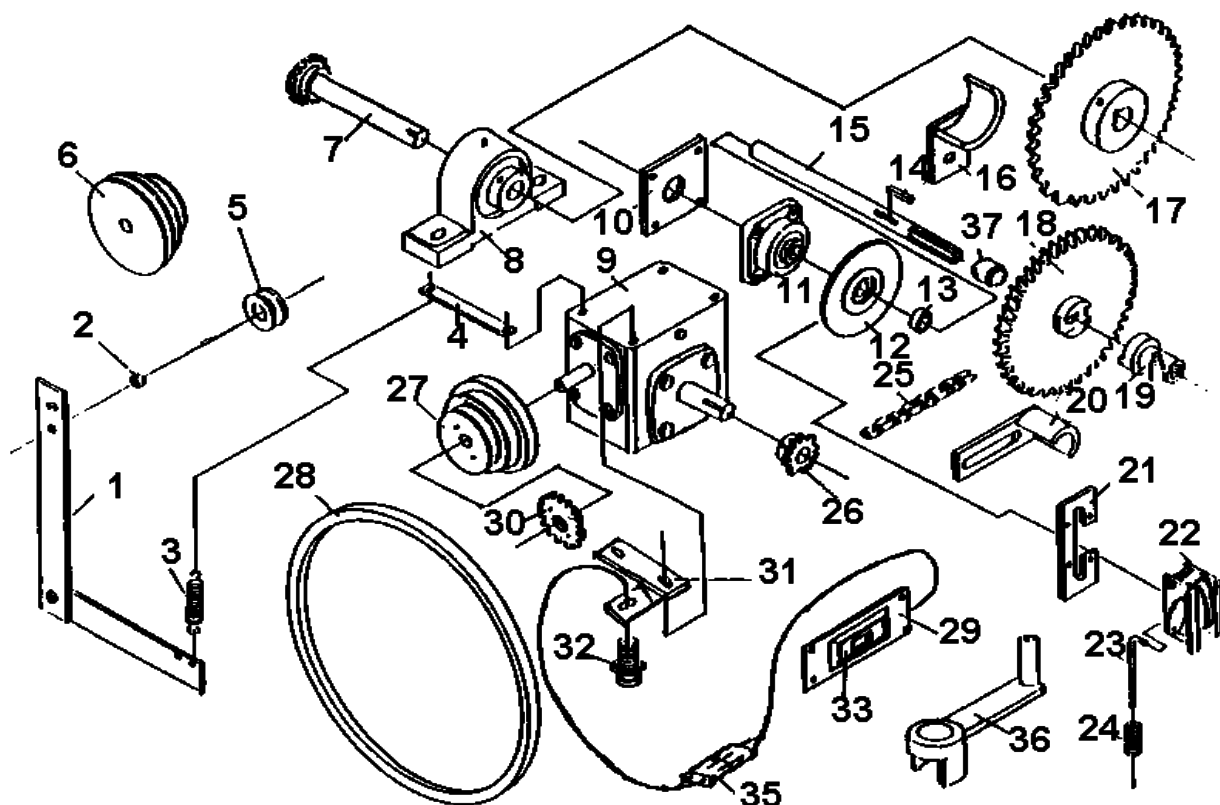
Turbine Assembly



Item	Part Number	Description	Qty.
1	52356951	BEARING,PEER 6203-2RS	1
2	52358570	RING,RET	1
3	58804540	SHAFT,RNR	2
4	58505530	BUSH,STL 5/8X.35X.56 OAL	1
5	52356941	BEARING,40MMX17MMX11/16"OAL	1
6	27748743	FACE PLATE,5/8 SNGL SEAL	1
7	46549130	SEAL,MECH 1/2"ID	1
8	52662541	RING,RET EX	2
9	27748722	RUNNER, .5 - PP100	1
10	58606750	GAUGE, PRESS 0-300	1
11	55248510	NUT,JAM NF 1/2	1
12	46548500	O-RING 5-15/16X5-3/4X3/32	1
13	45035360	SPRING TNSN 1 X 6 PLATED	1
14	55448650	WASHER,STAR EXTRNL 1/2"	1
15	55049020	STUD,SS 1/4-20X1-1/2 SPEC	8
16	27748671	VOLUTE, PP-100	1
17	46548670	O-RING 2-5/8X2-3/8X1/8	2
18	27648532	DIVERTER 100 THRU DRILLED	1
19	46548840	O-RING, 3.35" ID X .210" CS	2
20	58802401	Spring Holder	1
21	52506151	ELBW,STRT BR 1/4X90	1
22	58804140	GATE SHAFT STOP PP-100	1
23	27748701	GATE, PP-100	1
24	51148500	BEARING,O FL 5/8X1/2X5/8 LNG	2
25	46548600	O-RING 5/8 X 1/2 X 1/16	2
26	27648541	PLATE,COVER PP-100	1
27	58505390	SHAFT, GATE	1
28	55648460	PIN,SPRING 3/16 X 1	1
29	46548590	O-RING 3-11/16X3-1/2X3/32	1

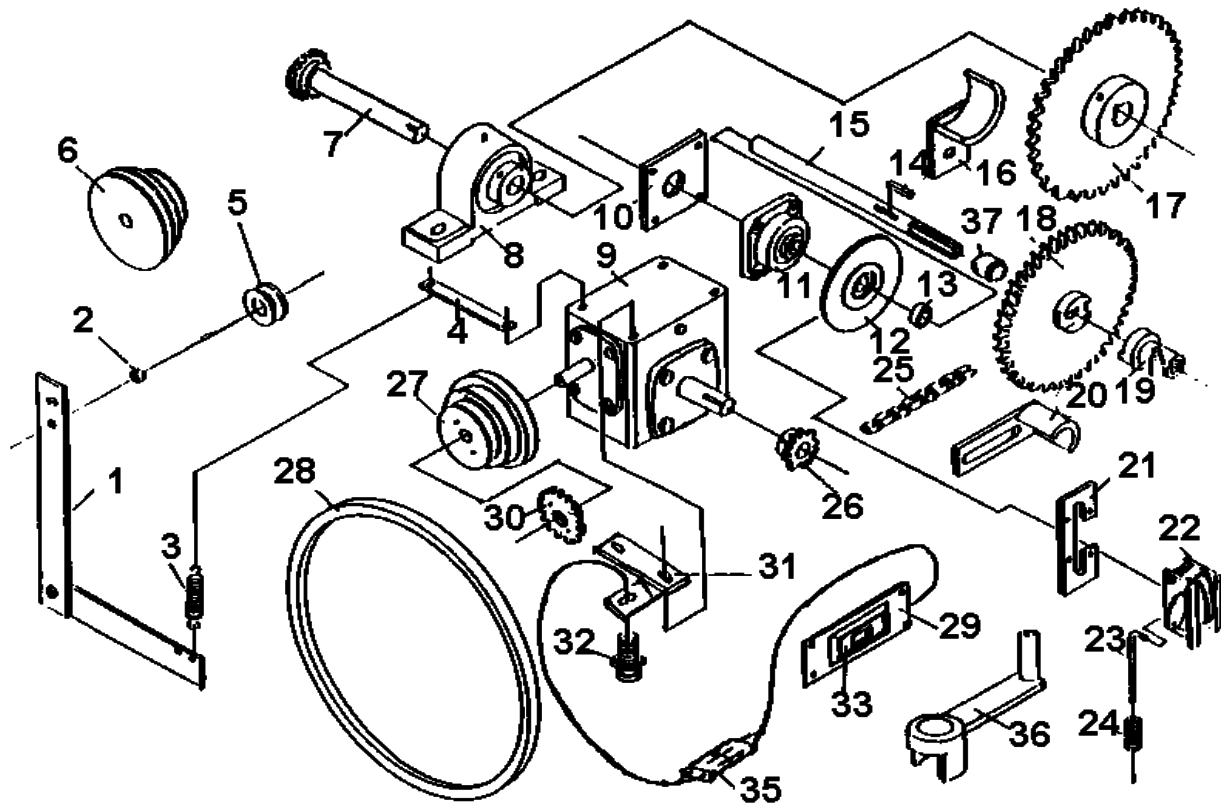


Drive Train Group



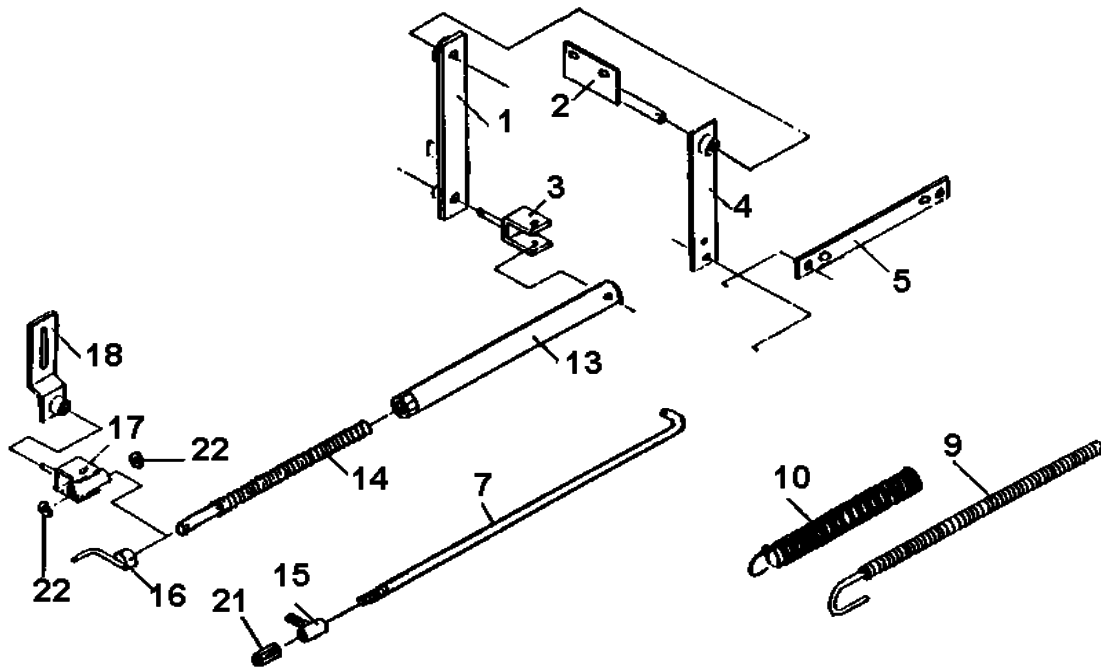
Item	Part Number	Description	Qty.
1	58801590	Idler Arm	1
2	58606130	BUSH,SHOULDERSB0003 EFSON	1
3	45035360	SPRING TNSN 1 X 6 PLATED	1
4	58804201	MOUNT,SPRING	1
5	58606120	PLLY,IDLER W/O 1/2" SLEEVE	1
6	58500503	PLLY,STEP5-4-3X1/2B CNGRS	1
7	58801621	SHAFT FINAL DRIVE 1-1/2	2
8	58609820	BEARING,PLLW BLCK 1-1/2"	1
9	58802860	GEARBOX,WORM30-1ASYJ 715B	1
10	58801750	BEARING,SPACER PLATE	1
11	58408070	BEARING,FLANGE 4 HOLE 1-3/8	2
12	58405231	SPRKT,BRAKE 50-16	1
13	55302540	BUSH,MACH 2-1/8X1-3/8X10G	3
14	52657930	KEY, 5/16 X 1-1/2 RD ENDS	1
15	58405190	SHAFT,CLUTCH	1
16	58801111	IDLER	1
17	88048800	SPRKT,50B60 1-1/2 BORE	1
18	52651752	SPROCKET CLUTCH	1
19	52651840	CLUTCH,PTO SNAP	1
20	58801101	Idler 40 Slide	1
21	58801260	MOUNT,BRAKE ASSY	1
22	30148530	BRAKE ASSY, AUSCO 26291	1
23	58802420	BOLT,BRAKE SPRING	1
24	52652140	SPRING,COMP 3-1/2 IN.	1
25a	87548450	CHAIN,#40 ROLLER PER FT	ft. 4.3
25b	87548460	CHAIN,#50 ROLLER PER FT	ft. 5.62

Drive Machanism



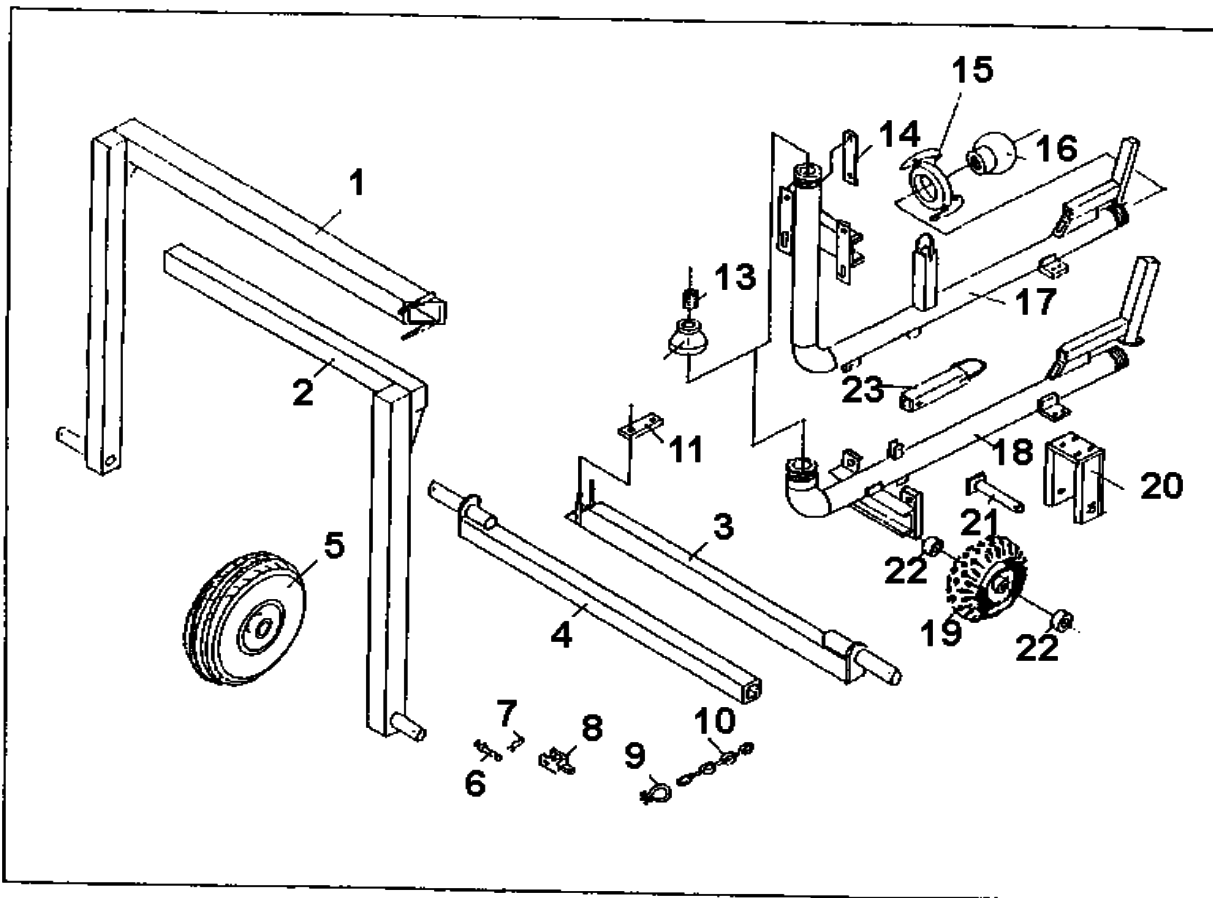
Item	Part Number	Description	Qty.
26	88049330	SPRKT,40B22 3/4 BORE	1
27	58900580	PLLY,STEP5/8B W/THD HOLES	1
28	58801841	BELT,4L 420	1
29	58804670	PLATE, TACH RD LION PMK2BO	1
30	58900430	Sensor Sprocket 10 Tooth	1
31	58900561	Sensor Bracket	1
32	58804660	PICK UP,TACH RD LIONMP62A	1
33	58804650	TACH DSPLY RD LION DITAK5	1
34	58900600	CONNECTOR,2 WIRE	1
35	06000530	CRANK	1
36	52651770	BEARING,O 1.62X1.37X1.12LNG	1
37	58804661	BATTERY, BNA-00-000/D	2

Control Linkage



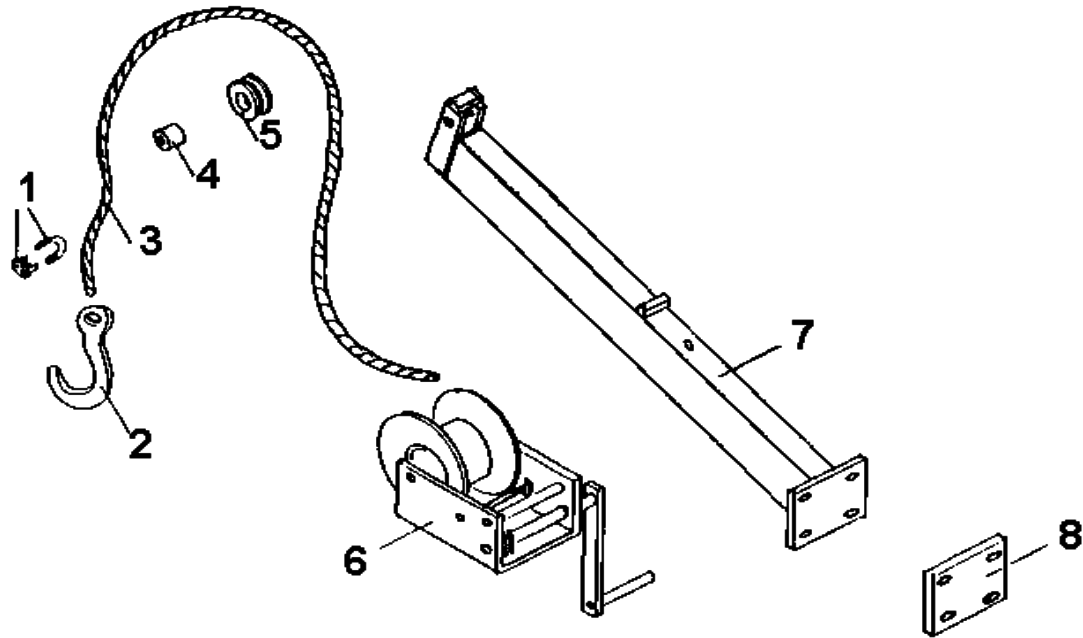
Item	Part Number	Description	Qty.
1	58605350	LEVER,COMP	1
2	58605380	Lever Mt.	1
3	58505580	YOKE	1
4	58605310	LEVER,SHUT OFF	1
5	58801715	LINK,T-25	1
7	58605283	Safety shut off rod 3/8" dia	1
9	58802550	LEADSCREW,IDLER	1
10	58802880	SPRING, 1-1/2 X .25 X 10	2
13	58506571	TUBE,COMP	1
14	58505650	SCREW	1
15	58606220	SLIDE,ROD	1
16	58803090	HANDLE,CRANK	1
17	58505610	SWIVEL	1
18	58605250	BRKT,COMP ROD	1
21	58500610	Nut Tube	1
22	58506100	WASHER,NYLON 3/8	1

Sprinkler Cart Assembly



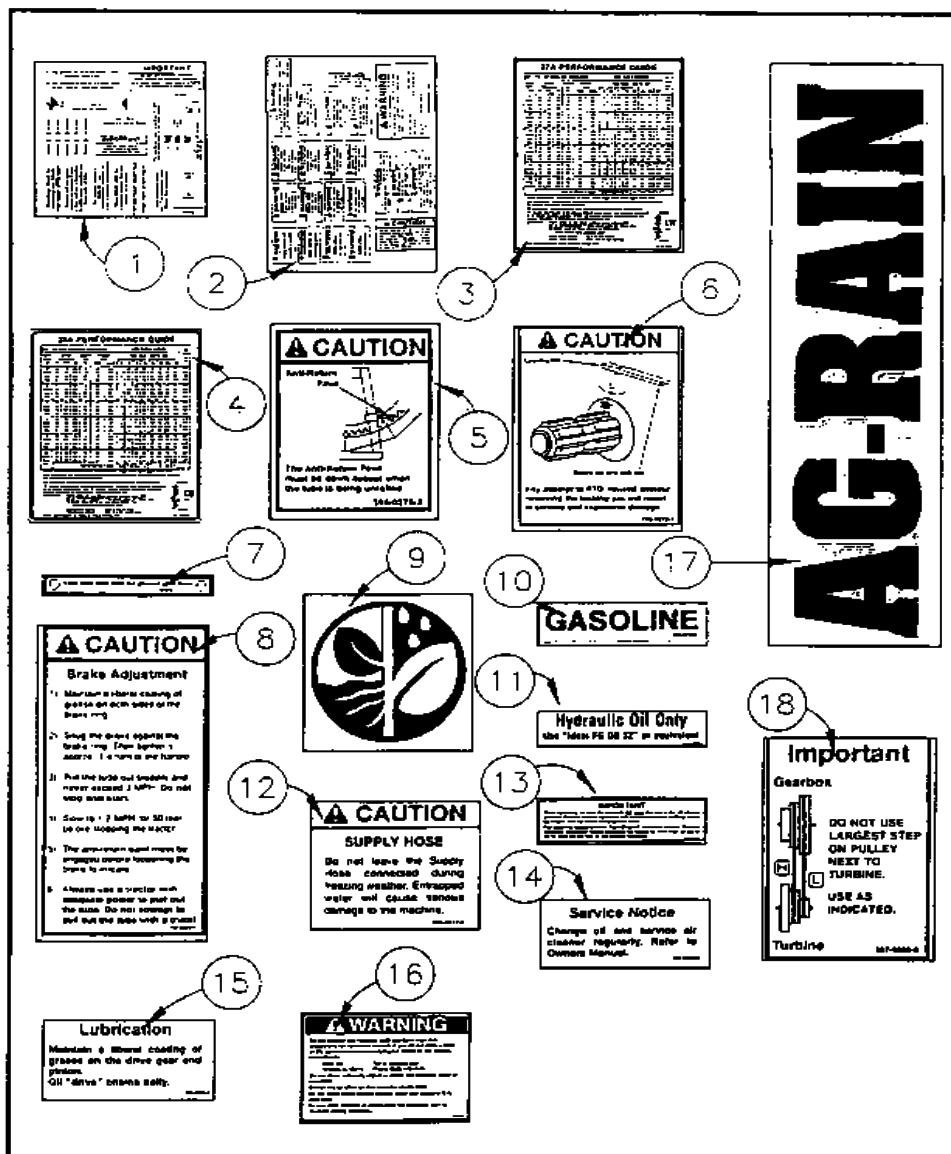
Item	Part Number	Description	Qty.
1	58406402	Gun Cart Leg Outer	1
2	58406332	Gun Cart Leg Inner	1
3	58406404	LEG, OUTER T-25 LOW	1
4	58406334	LEG, INNER T-25 LOW	1
5	58602291	WHEEL&TIRE, 5:7X5X8B1.25 4	2
6	55832810	PIN, HITCH 3/4X3 T HEAD	1
7	56102040	PIN, HAIR .118DIA X2-11/16	1
8	52354210	HITCH, CHAIN	1
9	58900791	SHACKLE RD PIN CHN5/16GLV	1
10	85040600	CHAIN, 3/8 PROOF COIL PLTD	3 ft.
11	58802250	Clamp	1
12	52549650	CPLNG, RDCNG GLV 2-1/2X2	1
13	52549640	NPPL, CLOSE BIP 2	1
114	58706411	STRAP	2
15	58800221	LEVER RING 3" 451 76MM	1
16	58802811	COUPLER, 3" BALL X2-1/2 PIPE	1
17	58406563	Guncart Body T-25 High	1
18	58900003	Guncart Body T-25 Low	1
19	58608110	WHEEL&TIRE, 4:1X3:5X4 1B2P	1
20	58801481	YOKE	1
21	58608990	AXLE	1
22	58608440	SPACER	2
23	58900871	Lift Bail	1

**Sprinkler Cart Assembly**



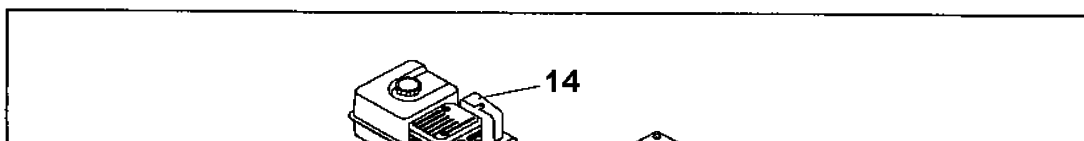
Item	Part Number	Description	Qty.
1	56048450	CLAMP,SCREW 7/32X5/8	2
2	52355651	HOOK CLEVIS SLIP 1/4	1
3	75048440	CABLE,1/4-7X19 GAC PER FT	8 ft.
4	32551910	BUSH,STL.843X.56X.62L	1
5	40249060	PLY,WRP17/32X2X7/8B STL	1
6	40048551	WINCH FULTON K 1550	1
7	58802982	BOOM,GUNCART T-21-25	1
8	58803450	CLAMP PLATE	1

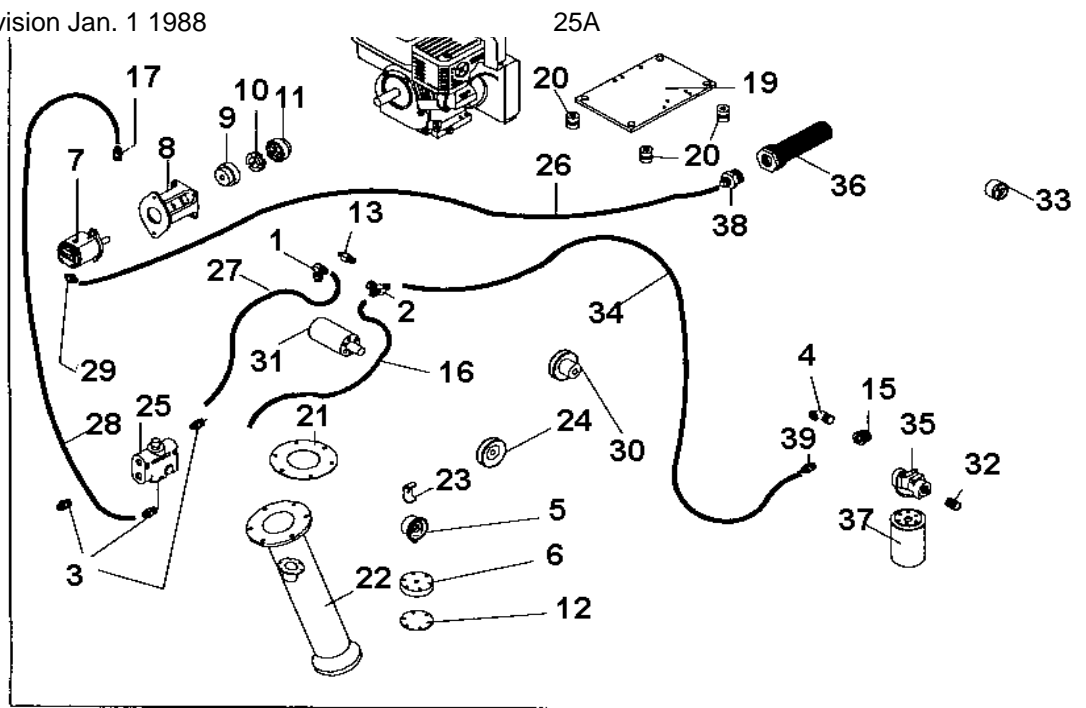
Decal Group



Item	Part Number	Description	Qty.
1	59405650	DECAL,INSTRUCTION	1
2	59405651	DECAL,WARNING	1
3	59701550	DECAL,PERFORMANCE 27A	1
4	59701540	DECAL,PERFORMANCE 25A	1
5	59502752	DECAL,ANTI-RETURN PAWL	1
6	59502751	DECAL,PTO REWIND	1
7	59000130	DECAL,LVLWND LUBRICATION	1
8	59603090	DECAL,CAUTION BRAKE ADJ	1
9	58502992	DCL ROUND LOGO 6 IN.	6
10	59001130	DECAL, GASOLINE	1
11	59502770	DECAL,HYD OIL	1
12	59600170	DECAL,SUPPLY HOSE	1
13	59505010	DECAL IMPORTANT	1
14	59604260	DECAL SERVICE NOTICE	1
15	59604280	DECAL LUBRICATION	1
16	59701240	DECAL,WARNING	1
17	58504042	DCL AG-RAIN 3 IN LTRS	3
18	59700550	DECAL,IMPT.PULLEY USE	1

Engine Drive Assembly





Item	Part Number	Description	Qty.
32	52501602	NPPL,CLOSE BIP 3/4	1
33	59501080	GAUGE,OIL FILTER	1
34	59502110	HOSE,8FJICX8FJIC45DEGX81"	1
35	59501060	HEAD,OIL FILTER	1
36	59500801	FILTER HYD OIL 1-1/2X3/4	1
37	59501070	FILTER,SPIN HYD OIL	1
38	59501230	ADPTR,8MJICX3/4MNPT	1
39	59501210	ADPTR,8MJICX1/2MNPT	1