

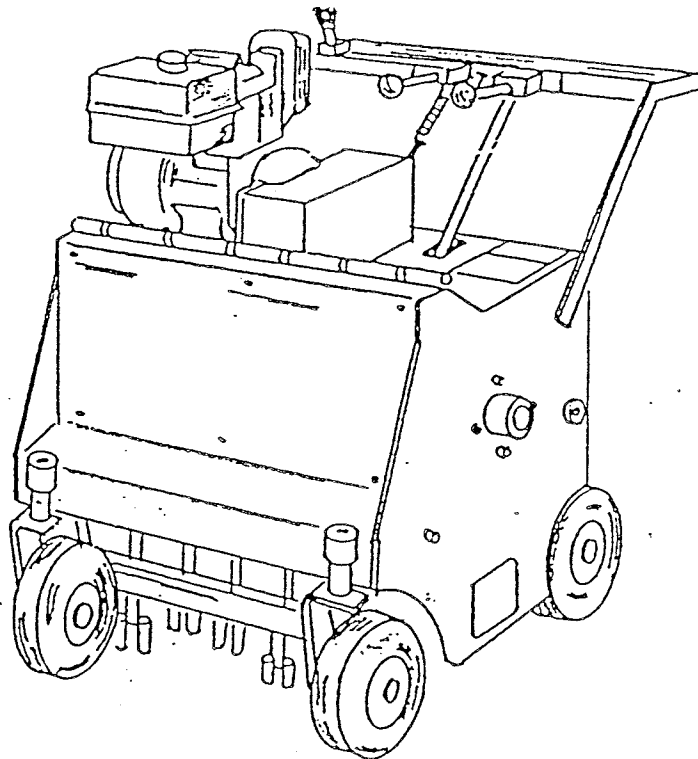
SALSCO, INC.

LEADER BY DESIGN

MODEL 30-6
30-6S
30-12

CORE AERATORS

OWNER'S MANUAL
PARTS MANUAL
SERVICE MANUAL



SALSCO, INC.
TURF EQUIPMENT DIVISION
105 SCHOOL HOUSE ROAD
CHESHIRE, CONN. 06410 USA

▲ NOTE: PLEASE READ "CAUTIONS" IN THIS MANUAL

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* YOU HAVE JUST PURCHASED THE HIGHEST QUALITY, MOST *
* MANEUVERABLE AERATING MACHINE ON THE MARKET TODAY. *
* THIS UNIT HAS THE ABILITY TO MEET EXACT AERATION STAND- *
* ARDS AND PERFORM FOR YEARS WITH MINIMUM DOWN TIME. *
* HOWEVER, IT CAN NOT READ NOR WILL IT UNDERSTAND THIS *
* MANUAL, NO MATTER HOW LONG YOU LEAVE IT ON TOP OF *
* THE MACHINE. IT IS YOUR RESPONSIBILITY TO READ AND *
* UNDERSTAND IT. SHOULD YOU CHOOSE NOT TO READ AND *
* UNDERSTAND AND PASS ALONG THE INFORMATION PROVIDED *
* YOU, PLEASE EXPECT EQUIPMENT FAILURE AND POSSIBLE *
* INJURIES TO PERSONS AROUND THIS EQUIPMENT. *
* *
* FOR THE SAFETY OF THE OPERATOR, IT IS IMPERATIVE THAT *
* THIS MANUAL IS CAREFULLY READ AND UNDERSTOOD. *
* *
* HAVING READ THIS MANUAL, IT IS YOUR RESPONSIBILITY TO *
* BE SURE THAT ALL NEW OPERATORS READ AND UNDERSTAND *
* THIS MANUAL ESPECIALLY THE "CAUTIONS" ON PAGE 3. *
* *

MANUFACTURED BY: SALSCO, INC.
TURF EQUIPMENT DIVISION
105 SCHOOL HOUSE ROAD
CHESHIRE, CONNECTICUT 06410
203/271-1682
FAX (203) 271-2596

CORE-AERATORS OWNER'S MANUAL

THIS MANUAL COVERS MODELS: 30-6 * 30-6S * 30-12

This company reserves the right to discontinue, add improvements to, or change the design of any model or product at any time without obligation to improve existing machines, either by changing the design or adding new parts.

It has been and will continue to be the policy of SALSCO to update existing machines at its own discretion. Whenever possible, new designs will be made in such a way, that they can be "Retro Fit" if so desired.

Record in space provided below the model and serial numbers of this unit. Please retain these numbers for future reference.

No parts orders will be accepted without Model numbers or parts numbers.

<u>Model Number</u>		<u>Serial Number</u>
<u>Model No.</u>	<u>Prefix</u>	<u>Part Number Code:</u>
30-6	= 200	
30-6S	= 201	
30-12	= 300	
		<u>Model Part Number*</u>
		000 A 000

* PART NUMBER PREFIX MUST BE USED WHEN ORDERING PARTS (___A000).
PREFIX NUMBERS ARE LISTED ABOVE.

**** CAUTION ****

READ AND UNDERSTAND THIS MANUAL BEFORE STARTING MACHINE!!

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

DESCRIPTION

Our machines are available in widths from 30" to 84". Salsco can handle all lawncare and golf course requirements for aeration.

All 30" models are SELF-PROPELLED with DUAL REAR WHEELS, and a differential to ensure excellent traction and maneuverability as well as eliminate markings on your turf. To cross driveways, sidewalk, for loading and unloading, simply, pull handle and raise tines.

Using the camshaft method of aeration ensures neat, clean removal of cores without tearing the turf or jamming the tines. This method enables our machines to out perform much heavier machines without tearing up the turf.

Depending on model of unit, penetration is from 2 3/4" to 4" with a choice of 1/4", 3/8", 1/2", 5/8", or 3/4" diameter heat-treated tines. Tines can be purchased hollow, solid, or carbide tipped.

All 30" models have a choice of the following engines:

- 5 HP Briggs & Stratton with 6 to 1 gear reduction
- 5 HP Honda with 6 to 1 gear reduction
- 5 HP Kawasaki with 6 to 1 gear reduction

(011188)

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

"CAUTION"

BEFORE YOU START THIS MACHINE:

1. READ AND UNDERSTAND OWNER'S MANUAL.
2. DO NOT RUN WITHOUT GUARDS AND OTHER SAFETY COVERS ON MACHINE.
3. NEVER LEAVE MACHINE RUNNING WHILE UNATTENDED.
4. NEVER REACH UNDER OR INTO MACHINE FOR ANY REASON WHILE MACHINE IS RUNNING AS IT CAN CAUSE SERIOUS INJURY.
5. DO NOT LET ANYONE WALK NEXT TO OR IN FRONT OF MACHINE WHILE IN OPERATION.
6. NEVER RUN OVER ASPHALT OR CONCRETE OR ANY OTHER MATERIAL WHICH CANNOT BE AERATED WITH TINES IN THE LOWERED POSITION.
7. TO RAISE TINES THAT ARE IN THE TURF WHILE MACHINE IS NOT MOVING, YOU MUST FIRST RAISE FRONT OF MACHINE BY PUSHING DOWN ON HANDLES AND PULLING THE TINE LEVER AT THE SAME TIME. FAILURE TO TAKE THESE STEPS WILL CAUSE YOU TO BEND THE RETRACTOR ASSEMBLY. (30" MACHINES ONLY)
8. ALWAYS REMOVE SPARK PLUG WIRE, MAKE SURE ENGINE SWITCH IS OFF, THROTTLE IS IN STOP POSITION AND SHUT GAS OFF WHEN WORKING ON OR CHECKING INSIDE OF MACHINE.
9. WHEN CHANGING NYLON BAR, BE SURE TO INSTALL BOLTS WITH BOTH ENDS IN PROPER HOLES ON RETRACTOR ASSEMBLY (30-12 UPPER HOLES, 30-6 LOWER HOLES). (30" MACHINES ONLY) (FOR UNITS WITH NYLON BARS ONLY).
10. DO NOT REMOVE CAUTION DECALS.
11. SAFETY DECALS SHOULD BE REPLACED IMMEDIATELY AFTER REPAINTING OR WHEN THEY BECOME ILLEGIBLE. **SEE NOTE BELOW**

**** NOTE ****

SAFETY IS A PRIME CONCERN AT SALSCO AND THE SAFETY DECALS ON YOUR MACHINE ARE A HIGHLY VISIBLE AND CONSTANT REMINDER TO ALL OPERATORS. REPLACEMENT SAFETY DECALS MAY BE OBTAINED FROM YOUR LOCAL DEALER OR BY CALLING TOLL FREE 1-800-8SALSCO.

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

(090788)

THINK SAFETY

SPECIFICATIONS

	<u>30-6</u>	<u>30-6S</u>	<u>30-12</u>
<u>MODEL</u>	30"	30"	30"
<u>AERATION WIDTH</u>	23 1/2"	25"	25"
<u>HOLE CENTERS</u>	4 1/2"	2 1/4 x 4 1/2"	2 1/4 x 2 3/4"
<u>HOLES/13 1/2" SQ.</u>	16	24	30
<u>PLUG DIAMETER</u>	3/4"	or 1/4", 3/8", 1/2", 5/8", 3/4" FOR MODELS 30-6S OR 30-12.	
<u>SPEED</u>	2 1/2MPH	2 1/2 MPH	1.05 MPH
<u>SQ. FT. PER HR.</u>	25,800	25,800	13,900
<u>WEIGHT/LBS</u>	APPROX.300	APPROX.300	APPROX.300
<u>ENGINE</u>	5HP *5HP *5HP	BRIGGS & STRATTON IC ENGINE WITH 6-1 REDUCTION HONDA ENGINE WITH 6-1 REDUCTION KAWASAKI ENGINE WITH 6-1 REDUCTION	
<u>TIRES</u>	DRIVE - 11 x 400+5 PNEUMATIC TURF SAVER OR STRAIGHT RIB. FRONT - SWIVEL PNEUMATIC (ADJUSTABLE HEIGHT).		

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

SERVICE SCHEDULE

<u>ITEM</u>	<u>MODEL</u>	<u>FREQUENCY</u>
CHECK ENGINE OIL	ALL	DAILY
CHECK NUTS AND BOLTS FOR TIGHTENING	ALL	DAILY
CHECK SPROCKETS FOR ALIGNMENT & TIGHTNESS	ALL	DAILY
CHECK TINES FOR CLOGGING & SHARPNESS	ALL	DAILY
GREASE FRONT WHEELS	ALL	DAILY
CHECK WEAR ON NYLON BAR	30" & 36"	DAILY
CHECK ENGINE GEAR BOX OIL	ALL	WEEKLY
WASH MACHINE (as needed)	ALL	WEEKLY
CHECK ENGINE AIR CLEANER	ALL	DAILY
CHECK ENGINE MANUAL FOR ROUTINE MAINTENANCE		
MOTOR RPM SHOULD BE BETWEEN 3400 AND 3600; THIS SHOULD NOT BE CHANGED.		
WHEN MACHINE IS STORED AT END OF DAY, PUT STOP/FORWARD HANDLE IN "STOP", UP AND DOWN LEVER IN "DOWN" POSITION,		
IF STORED OVER TWO WEEKS, RELAX SPRINGS BY REMOVING SPRING PINS.		

THINK

SAFETY

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

MODELS: 30-6/200, 30-12/300, & 30-6S/201

TO ATTACH SPRINGS UPON RECEIVING MACHINE FOLLOW STEPS (1-10)

1. REMOVE SPARK PLUG WIRE.
2. MAKE SURE ENGINE SWITCH IS IN OFF POSITION.
3. MAKE SURE THROTTLE IS IN STOP POSITION.
4. SHUT OFF GAS.
5. REMOVE THE 6 SCREWS ON FRONT OF MACHINE.
6. REMOVE PANEL.
7. PLACE PIN HOLDER (ITEM 97-PAGE 9) ACROSS TOP OF MACHINE.
8. PLACE MACHINE STOP/FORWARD LEVER IN FORWARD POSITION.
9. SLOWLY PULL ENGINE STARTER ROPE THUS ROTATING CAM UNTIL SPRING TO BE INSTALLED IS AT ITS HIGHEST POINT -SEE CAUTION NOTE*
10. HOLD SPRING (ITEM 3-PAGE 11) WITH RIGHT HAND AND LIFT THRU SLOT IN FRAME AND OVERLAY INSTALLING PIN (ITEM 96-PAGE 9) .

REPEAT STEPS 9 & 10 TO FINISH INSTALLING REMAINDER OF SPRINGS.

* CAUTION NOTE: BE SURE NOT TO PLACE FINGERS BETWEEN SPRING (ITEM 3-PAGE 11) CLIP AND PIN HOLDER (ITEM 97-PAGE 9).

THINK

SAFETY

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

MODEL 30-6

TO CHANGE TINE: MODEL 30-6

1. REMOVE SPARK PLUG WIRE.
2. MAKE SURE ENGINE SWITCH IS IN OFF POSITION.
3. MAKE SURE THROTTLE IS IN STOP POSITION.
4. SHUT OFF GAS.
5. REMOVE FRONT COVER (ITEM 92-PAGE 9). BE SURE TO REPLACE FRONT COVER (ITEM 92-PAGE 9) BEFORE OPERATING MACHINE.
NOTE: FAILURE TO DO THIS COULD RESULT IN CRACKED FRAMES, AS THIS COVER IS A STRUCTURAL MEMBER OF THE FRAME.
6. PLACE MACHINE STOP/FORWARD LEVER IN FORWARD POSITION.
7. SLOWLY PULL ENGINE STARTER ROPE, THUS ROTATING CAM UNTIL TINE TO BE REPLACED IS AT ITS HIGHEST POINT.
8. HOLD SPRING WITH RIGHT HAND AND LIFT WHILE PULLING PIN (ITEM 96-PAGE 9) AND LOWER SPRING (ITEM 3-PAGE 11).
9. REMOVE BOLT (ITEM 5-PAGE 11) WHICH WILL ALLOW YOU TO REMOVE SPRING (ITEM 3-PAGE 11) AND BEARING (ITEM 4-PAGE 11).
10. REMOVE BOLT (ITEM 6-PAGE 11) TO REMOVE TINE.
11. PLACE NEW TINE IN PLACE; INSTALL BOLT (ITEM 6-PAGE 11).
12. PLACE SPRING (ITEM 3-PAGE 11) WITH BEARING IN PLACE AND INSTALL BOLT (ITEM 5-PAGE 11).
13. HOLD SPRING (ITEM 3-PAGE 11) WITH RIGHT HAND AND RAISE THROUGH SLOT IN FRAME (ITEM 87-PAGE 9) AND PIN HOLDER (ITEM 97-PAGE 9) AND INSTALL PIN (ITEM 96-PAGE 9).

CAUTION: DO NOT PLACE FINGER BETWEEN SPRING CLIP (ITEM 3-PAGE 11) AND PIN OVERLAY (ITEM 97-PAGE 9) AS THIS COULD RESULT IN SERIOUS INJURY!

TO REPLACE SPRING:

1. FOLLOW STEPS 1-8 AND 11 & 12 ABOVE.

TO REPLACE ROCKER ARM BEARING:

1. FOLLOW STEPS 1-8 ABOVE, REMOVE BOLT (ITEM 43-PAGE 11) AND REPLACE BEARING (ITEM 45-PAGE 11).

TO REPLACE ROCKER ARM:

1. FOLLOW STEPS 1-8 ABOVE, REMOVE LOCKING COLLAR (ITEM 49-PAGE 11) AND DRIVE OUT SHAFT (ITEM 98-PAGE 11). THIS WILL ENABLE REMOVAL OF ALL ROCKER ARMS.

CAUTION: WHEN REASSEMBLING, USE SPACERS TO ALIGN ROCKER ARM BEARING WITH CAM LOBE!!

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

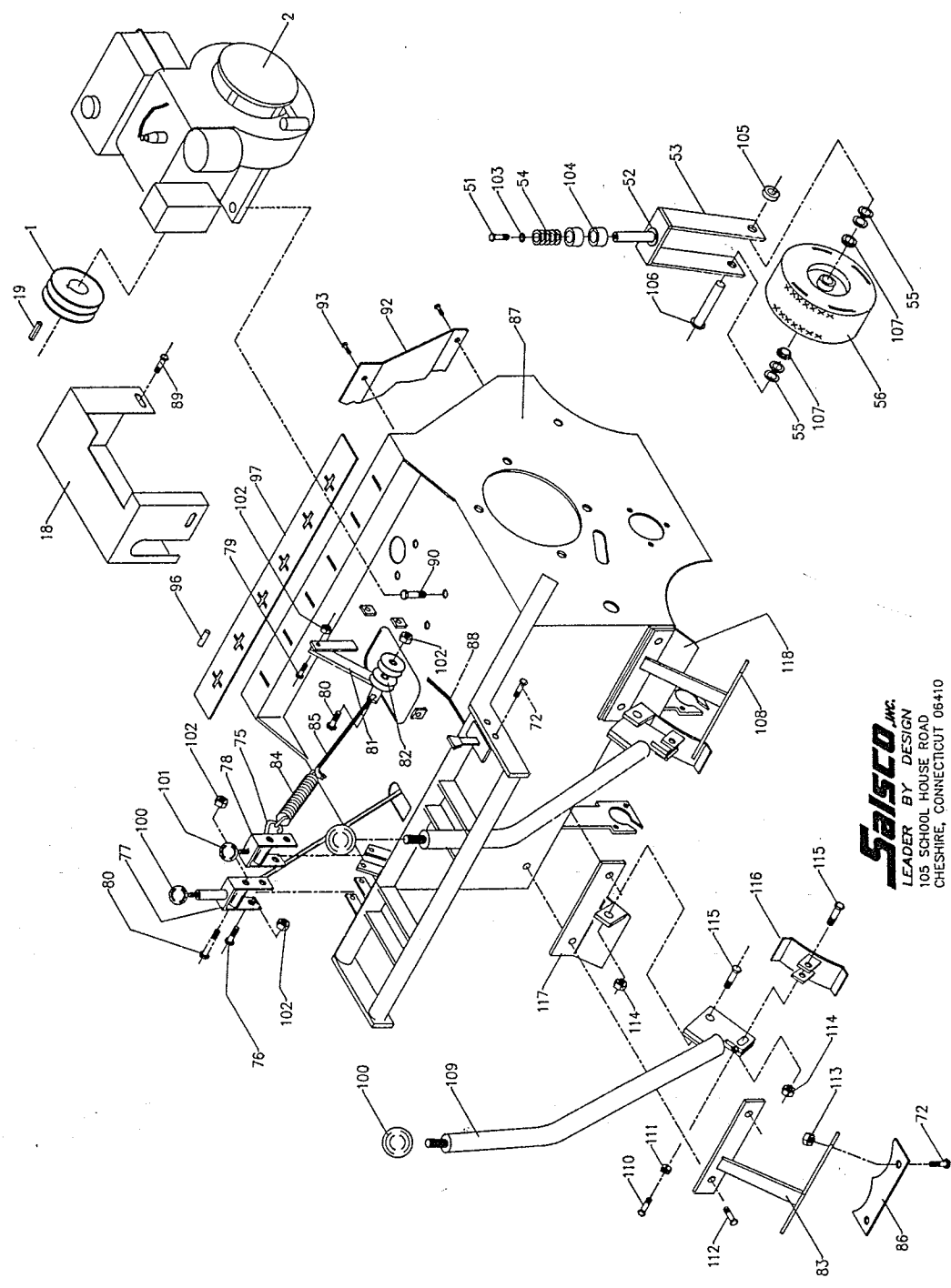
CAUTION: FOR LONGER LIFE OF THE RUBBER ROLLS BE SURE THEY WILL ROTATE. IF YOUR UNIT HAS A NYLON BAR IT MAY BE CHANGED TO RUBBER ROLLS. THE RUBBER ROLLS WILL CUT THE NOISE LEVEL AND LESSEN THE COST OF REPAIRS BECAUSE YOU ONLY CHANGE THE RUBBER ROLL THAT IS WORN, NOT THE WHOLE BAR. BE SURE TO REPLACE ANY GUARDS YOU MAY HAVE REMOVED DURING SERVICE. (SEE PAGE 13, BOTTOM OF PAGE).

TO REPLACE RUBBERS:

1. REMOVE BOLT ON EITHER END (ITEM 14-PAGE 11).
2. SLIDE ROLLS AND SPACERS OFF END WITHOUT WELDED WASHER.
3. REPLACE WORN ROLL STARTING WITH WASHER NEXT TO WELD, RUBBER THEN SPACER, CONTINUING DOWN LINE.
4. REPLACE ASSEMBLY AND TIGHTEN BOLTS (ITEM 14-PAGE 11) IN LOWER SET OF HOLES.

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

ITEM	PART NO.	NAME	QTY
1	A-065	DB'L PULLEY 3 1/2	1
2	B-200	5 HP MOTOR	1
18	A-094	BELT GUARD	1
19		KEY	1
51	A-140	HEX BOLT	2
52	A-115	THRUST WASHER	2
53	A-088	FRONT AXLE	2
54	B-089	CUT WASHER	16
55	A-089	WASHER	10
56	A-084	FRONT WHEEL	2
72	A-133	HEX BOLT	6
75	B-102	"T" ROD	1
76	A-142	HEX BOLT	4
77	B-004	TINE HANDLE	1
78	A-103	CLUTCH HANDLE	1
79	A-144	HEX BOLT	1
80	A-145	HEX BOLT	3
81	B-100	CLUTCH ARM	1
82	A-064	IDLER PULLEY	2
83	B-092	LEFT SCRAPER BKT	1
84	A-015	SPRING	1
85	B-101	CLUTCH ROD	1
86	A-093	SCRAPER	2
87	G-500	MAIN FRAME	1
88	A-104	THROTTLE CABLE	1
89	A-131	BUTTON HD SCREW	3
90	A-138	HEX BOLT	4
92	A-095	FRONT PANEL	1
93	A-133	HEX BOLT	6
96	A-098	PIN HOLDER	1
97	A-097	BLACK KNOB	3
100	A-104	RED KNOB	1
101	E-101	LOCK NUT	5
102	B-158	WASHER	2
103	E-135	BUSHING	4
104	A-120	COLLAR	2
105	A-080	WHEEL AXLE	2
106	E-088	WHEEL BUSHING	4
107	A-122	RIGHT SCRAPER BKT	1
108	A-092	BRAKE LEVER	2
109	D-211	HEX BOLT	2
110	A-134	HEX NUT	2
111	B-162	HEX BOLT	4
112	C-133	HEX BOLT	4
113	E-158	HEX NUT	4
114	B-158	HEX BOLT	4
115	A-143	BRAKE SHOE	2
116	C-211	LEFT BRAKE MTG BKT	1
117	L-215	RIGHT BRAKE MTG BKT	1
118	M-215		

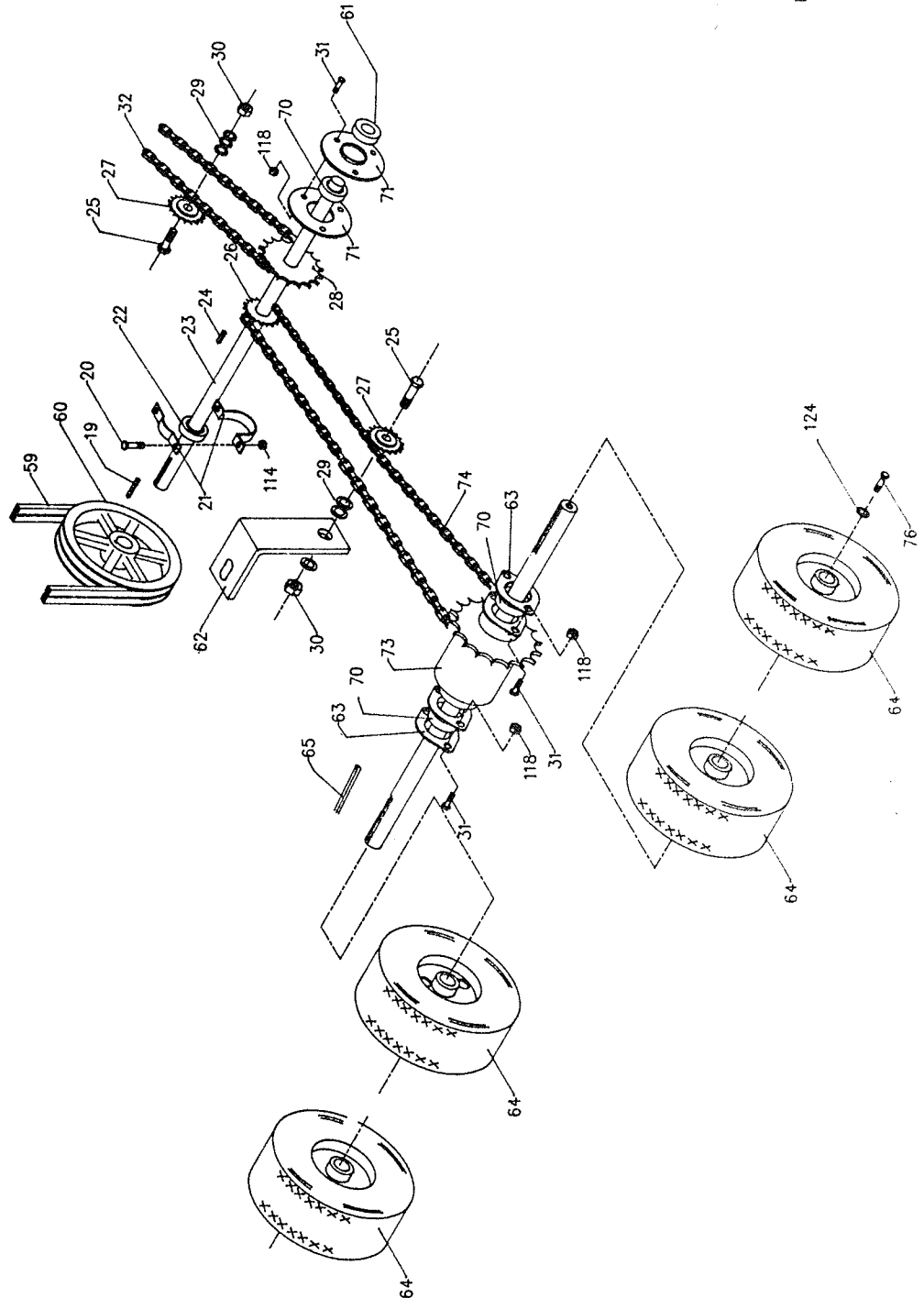


Salsco, Inc.
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 105 SCHOOL HOUSE ROAD
 CHESHIRE, CONNECTICUT 06410

NOT SHOWN A-106 GREASE FITTING 4

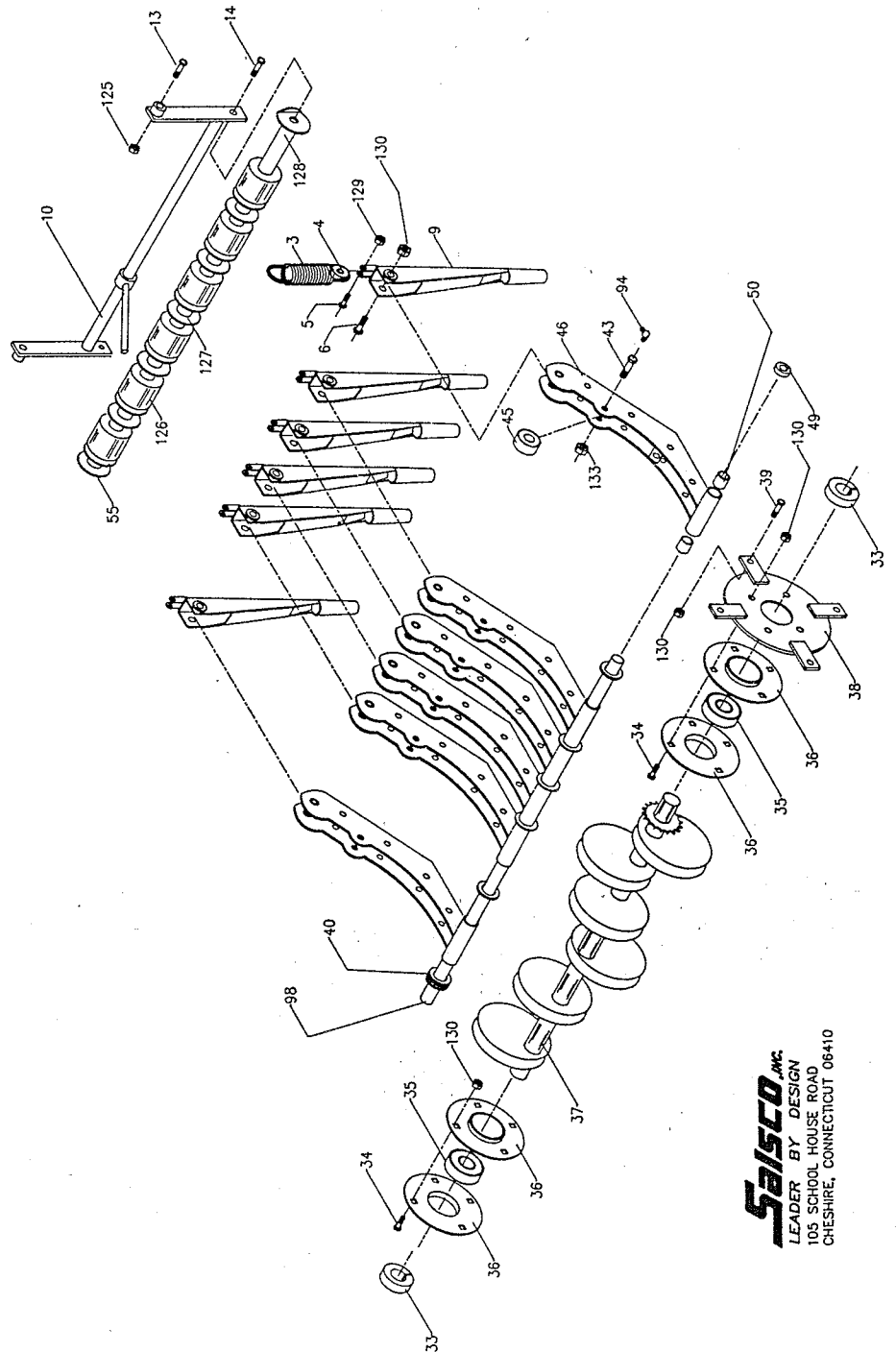
FOR USE ON MACHINES WITHOUT CLUTCHES

ITEM	PART NO	NAME	QTY
19	A-142	KEY	2
20	A-112	HEX BOLT	2
21	A-109	PILLOW FLANGETTE	1
22	B-074	BEARING 3/4	1
23	A-153	JACK SHAFT	1
24	A-046	KEY	2
25	A-049	HEX BOLT	2
26	A-045	SPROCKET	1
27	A-089	IDLER SPROCKET	2
28	D-158	SPACER	1
29	A-136	LOCK NUT	2
30	A-056	HEX BOLT	6
31	A-070	CHAIN	2
32	A-066	V-BELT PAIR	1
59	A-081	9" DBL PULLEY	1
60	A-096	SET COLLAR	1
61	A-110	CHAIN IDLER BKT	1
62	A-085	FLANGETTE	4
63	A-109	REAR WHEEL	2
64	A-111	KEY	2
65	A-090	BEARING	3
70	A-053	FLANGETTE 3 HOLE	2
71	A-142	DIFFERENTIAL	2
73	A-047	CHAIN	1
74	A-158	HEX BOLT	8
76	A-159	SPROCKET	2
95	E-135	LOCK NUT	2
114		LOCK NUT	8
118		WASHER	2
124		GREASE FITTING	1



NOT SHOWN

B-106



ITEM	PART NO.	NAME	QTY
3	A-013	TINE SPRING	6
4	A-114	TINE BEARING	6
5	A-134	HEX BOLT	6
6	A-151	HEX BOLT	6
9	A-022	3/4 SINGLE TINE	6
10	B-001	RETRACTOR ASSY	1
13	A-150	HEX BOLT	4
14	A-142	HEX BOLT	2
33	COLLAR SUPPLIED W/BRG		2
34	A-149	HEX BOLT	12
35	A-107	BEARING	2
36	A-108	FLANGETTE	4
37	B-072	CAM SHAFT	1
38	A-099	END PLATE	1
39	A-149	HEX BOLT	12
40	C-089	SPACER	16
43	A-148	HEX BOLT	6
45	A-113	BEARING	6
46	A-006	ROCKER ARM	6
49	A-079	SPLIT COLLAR 1"	2
50	A-121	BUSHING	12
55	A-089	WASHER	6
94	B-106	GREASE FITTING	6
98	A-073	ROCKER ARM SHAFT	1
125	A-158	LOCK NUT	2
126	C-003	RUBBER ROLLERS	6
127	O-089	SPACER	5
128	D-073	SHAFT	1
129	E-158	LOCK NUT	6
130	A-156	LOCK NUT	22
133	G-158	LOCK NUT	6

TO CHANGE TINE: MODELS 30-6S & 30-12

1. REMOVE SPARK PLUG WIRE.
2. MAKE SURE SWITCH IS ON "OFF" POSITION.
3. MAKE SURE THROTTLE IS IN "STOP" POSITION.
4. SHUT OFF GAS.
5. PLACE MACHINE "STOP/FORWARD" LEVER IN FORWARD POSITION
6. REMOVE FRONT COVER (ITEM 92-PAGE 14).
7. SLOWLY PULL ENGINE STARTER ROPE, THUS ROTATING CAM UNTIL TINE TO BE REPLACED IS AT ITS HIGHEST POINT.
8. HOLD SPRING (ITEM 3-PAGE 16) WITH RIGHT HAND AND LIFT WHILE PULLING PIN (ITEM 96-PAGE 14) AND LOWER SPRING (ITEM 3-PAGE 16).
9. REMOVE BOLT (ITEM 6-PAGE 16) TO REMOVE TINE (ITEM 8-PAGE 16) AND TINE ARMS (ITEM 9-PAGE 16) AS AN ASSEMBLY (ITEM 9-PAGE 16) FROM MACHINE.
10. PLACE TINE ARM IN VISE, BEND LOCKING CLIP (ITEM 16-PAGE 16) TO REMOVE BOLTS (ITEM 7-PAGE 16), REPLACE TINE (ITEM 8-PAGE 16) AND CLIP (ITEM 16-PAGE 16), INSTALL BOLTS (ITEM 7-PAGE 16) AND BEND CLIP (ITEM 16-PAGE 16) OVER BOLTS (ITEM 7-PAGE 16).
11. PLACE TINE ARM (ITEM 9-PAGE 16) IN PLACE, INSTALL BOLT (ITEM 6-PAGE 16).
12. HOLD SPRING (ITEM 3-PAGE 16) WITH RIGHT HAND AND RAISE THRU SLOT IN FRAME AND PIN HOLDER (ITEM 97-PAGE 14) AND INSTALL PIN (ITEM 96-PAGE 14).

NOTE: By having a spare set of tines, tine arms, bearings and springs already assembled, you may eliminate step 10 above until it is convenient to do so.

CAUTION: DO NOT LAY FINGER BETWEEN SPRING CLIP (ITEM 3-PAGE 16) AND PIN OVERLAY (ITEM 97-PAGE 14) AS THIS WILL RESULT IN SERIOUS INJURY.

TO REPLACE SPRING:

1. FOLLOW STEPS 1-8.
2. REMOVE BOLT (ITEM 5-PAGE 16) WHICH WILL ALLOW YOU TO REMOVE SPRING (ITEM 3-PAGE 16) AND BEARING (ITEM 4-PAGE 16) AND REPLACE SPRING (ITEM 3-PAGE 16).
3. FOLLOW STEP 12.

CAUTION: DO NOT OVER TIGHTEN BOLT (ITEM 5-PAGE 16).

TO REPLACE ROCKER ARM BEARING: (BOTH UPPER AND LOWER)

1. FOLLOW STEPS 1-8 ABOVE, BACK OFF NUT ON ROCKER ARM ADJUSTER (ITEM 132-PAGE 16), REMOVE BOLT (ITEM 43-PAGE 16) AND REPLACE BEARING (ITEM 45-PAGE 16).
2. FOLLOW STEPS 1 & 2 "TO ADJUST UPPER ROCKER ARM TENSION" PAGE 13.

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

TO REMOVE ROCKER ARM:

1. FOLLOW STEPS 1-8 ABOVE, LOOSEN UPPER ROCKER ARM SPRING ADJUSTER (ITEM 41-PAGE 16) ON ALL SIX ROCKER ARMS. REMOVE LOCKING COLLAR (ITEM 49-PAGE 16) AND DRIVE OUT SHAFT (ITEM 98-PAGE 16). THIS WILL ENABLE REMOVAL OF ALL ROCKER ARMS.

* * * * *

CAUTION: WHEN ASSEMBLING USE SPACERS TO ALIGN ROCKER ARM BEARING WITH CAM LOBE!!

* * * * *

TO ADJUST UPPER ROCKER ARM TENSION:

1. ROTATE CRANKSHAFT LOBE TO ITS FORWARD MOST POSITION;
2. TIGHTEN UPPER ROCKER ARM ADJUSTERS (ITEM 132-PAGE 16) UNTIL UPPER ROCKER ARM BEARING (ITEM 45-PAGE 16) TOUCHES CAM LOBE, THEN CONTINUE TIGHTENING TWO COMPLETE TURNS. IT SHOULD BE DIFFICULT TO LIFT BEARING OFF OF CRANKSHAFT LOBE.

NOTE: WHEN ADJUSTING TENSION, ALWAYS CHECK SPRING (ITEM 47-PAGE 16) TO MAKE SURE IT IS NOT BROKEN.

CAUTION: UPPER ROCKER ARMS LEFT OUT OF ADJUSTMENT CAN CAUSE PREMATURE FAILURE OF SPRING (ITEM 3-PAGE 16), ROLLER BEARING (ITEM 47-PAGE 16), ROCKER ARMS (ITEMS 44 & 46-PAGE 16). THESE MAY COME OUT OF ADJUSTMENT DURING NORMAL USE SHOULD TINES PENETRATE TREE ROOTS OR OTHER SUBSTANCE THAT MAY CAUSE THEM TO GET STUCK.

TO ADJUST TINE HOLDER:

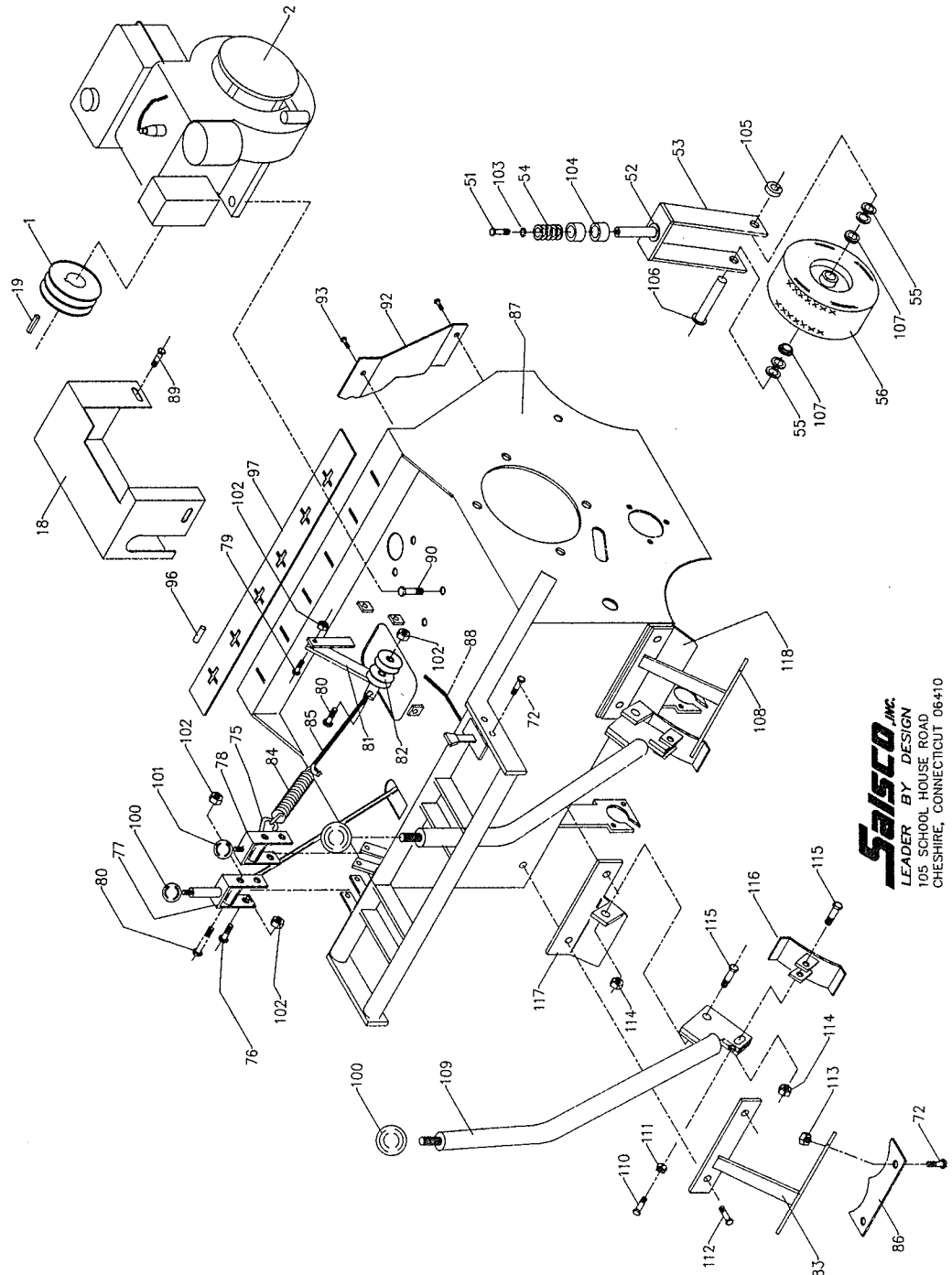
1. TO ADJUST TINE HOLDER (ITEM 9-PAGE 16), TIGHTEN BOLT (ITEM 6-PAGE 16), AND BACK OFF ONLY ENOUGH SO AS TO ALLOW THE TINE HOLDER (ITEM 9-PAGE 16) TO BE PUSHED TOWARDS THE REAR OF THE MACHINE AND IT WILL COME FORWARD, BY ITSELF, WHEN LET GO IN THIS POSITION.

TO REPLACE RUBBERS:

1. REMOVE BOLT ON EITHER END (ITEM 14-PAGE PAGE 16).
2. SLIDE ROLLS AND SPACERS OFF END WITHOUT WELDED WASHER.
3. REPLACE WORN ROLL (ITEM 126-PAGE 16) STARTING WITH WASHER NEXT TO WELD, RUBBER THEN SPACER (ITEM 127-PAGE 16), CONTINUING DOWN LINE.
4. REPLACE ASSEMBLY AND TIGHTEN BOLTS (ITEM 14-PAGE 16) IN LOWER SET OF HOLES.
5. BE SURE TO REPLACE ANY GUARDS YOU MAY HAVE REMOVED DURING SERVICE.

DO NOT RUN MACHINE WITHOUT GUARDS IN PLACE

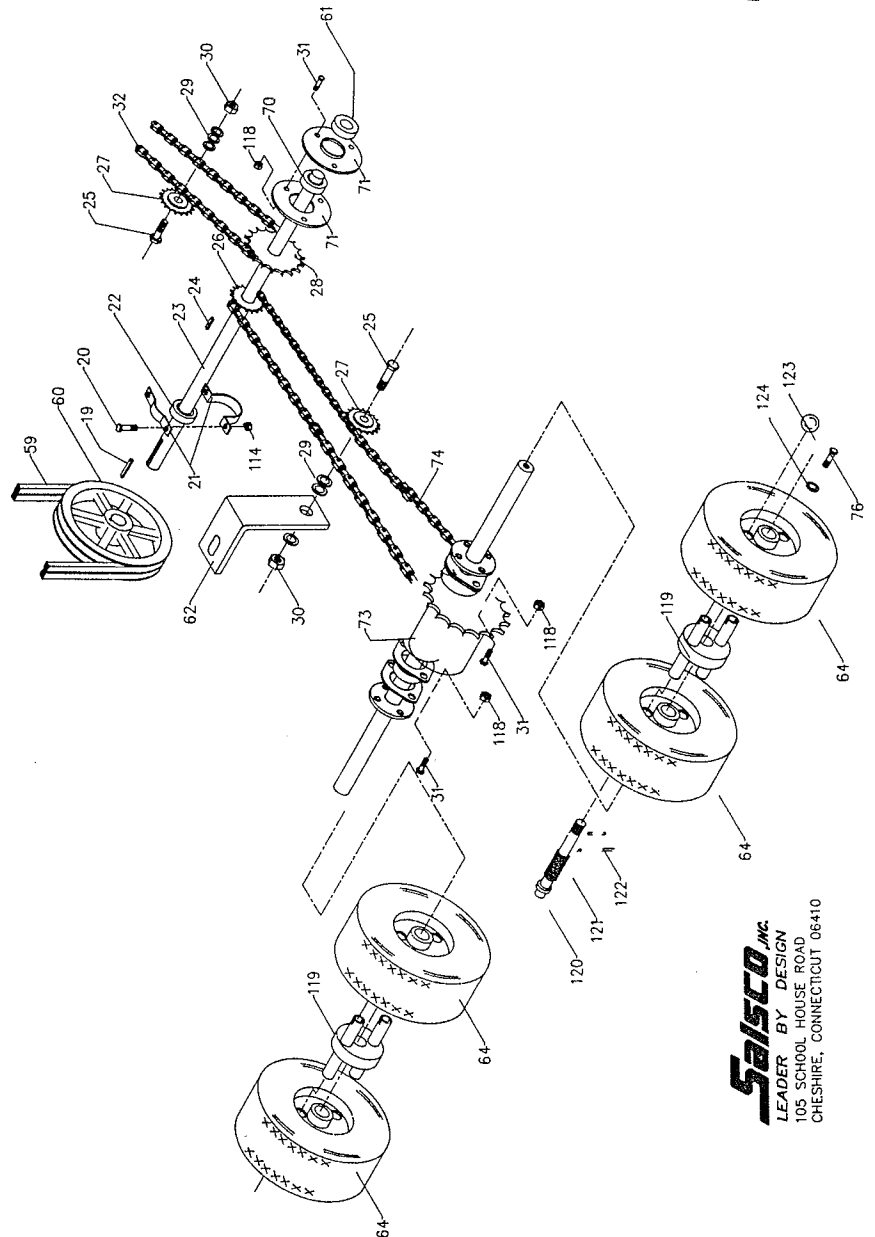
ITEM	PART NO.	NAME	QTY
1	A-065	DBL. PULLEY 3 1/2	1
2	B-200	5 HP MOTOR	1
18	A-094	BELT GUARD	1
19		KEY	1
51	A-140	HEX BOLT	2
52	A-115	THRUST WASHER	2
53	A-088	FRONT AXLE	2
54	B-089	CUT WASHER	16
55	A-089	WASHER	10
56	A-084	FRONT WHEEL	2
72	A-133	HEX BOLT	6
75	B-102	"T" ROD	1
76	A-142	HEX BOLT	4
77	B-004	TINE HANDLE	1
78	A-103	CLUTCH HANDLE	1
79	A-144	HEX BOLT	1
80	A-145	HEX BOLT	1
81	B-100	CLUTCH ARM	3
82	A-064	IDLER PULLEY	1
83	B-092	LEFT SCRAPER BKT	2
84	A-015	SPRING	1
85	B-101	CLUTCH ROD	1
86	A-093	SCRAPER	2
87	G-500	MAIN FRAME	1
88	A-104	THROTTLE CABLE	1
89	A-131	BUTTON HD SCREW	3
90	A-138	HEX BOLT	4
92	A-095	FRONT PANEL	1
93	A-133	HEX BOLT	6
96	A-098	SPRING PIN	1
97	A-097	PIN HOLDER	1
100	A-104	BLACK KNOB	3
101	E-101	RED KNOB	1
102	B-158	LOCK NUT	5
103	E-135	WASHER	2
104	A-120	BUSHING	2
105	A-080	COLLAR	2
106	E-088	WHEEL AXLE	2
107	A-122	WHEEL BUSHING	4
108	A-092	RIGHT SCRAPER BKT	1
109	D-211	BRAKE LEVER	2
110	A-134	HEX BOLT	2
111	B-162	HEX NUT	2
112	C-133	HEX BOLT	4
113	E-158	HEX NUT	4
114	B-158	HEX NUT	4
115	A-143	HEX BOLT	4
116	C-211	BRAKE SHOE	2
117	L-215	LEFT BRAKE MTG BKT	1
118	M-215	RIGHT BRAKE MTG BKT	1
	A-106	GREASE FITTING	4



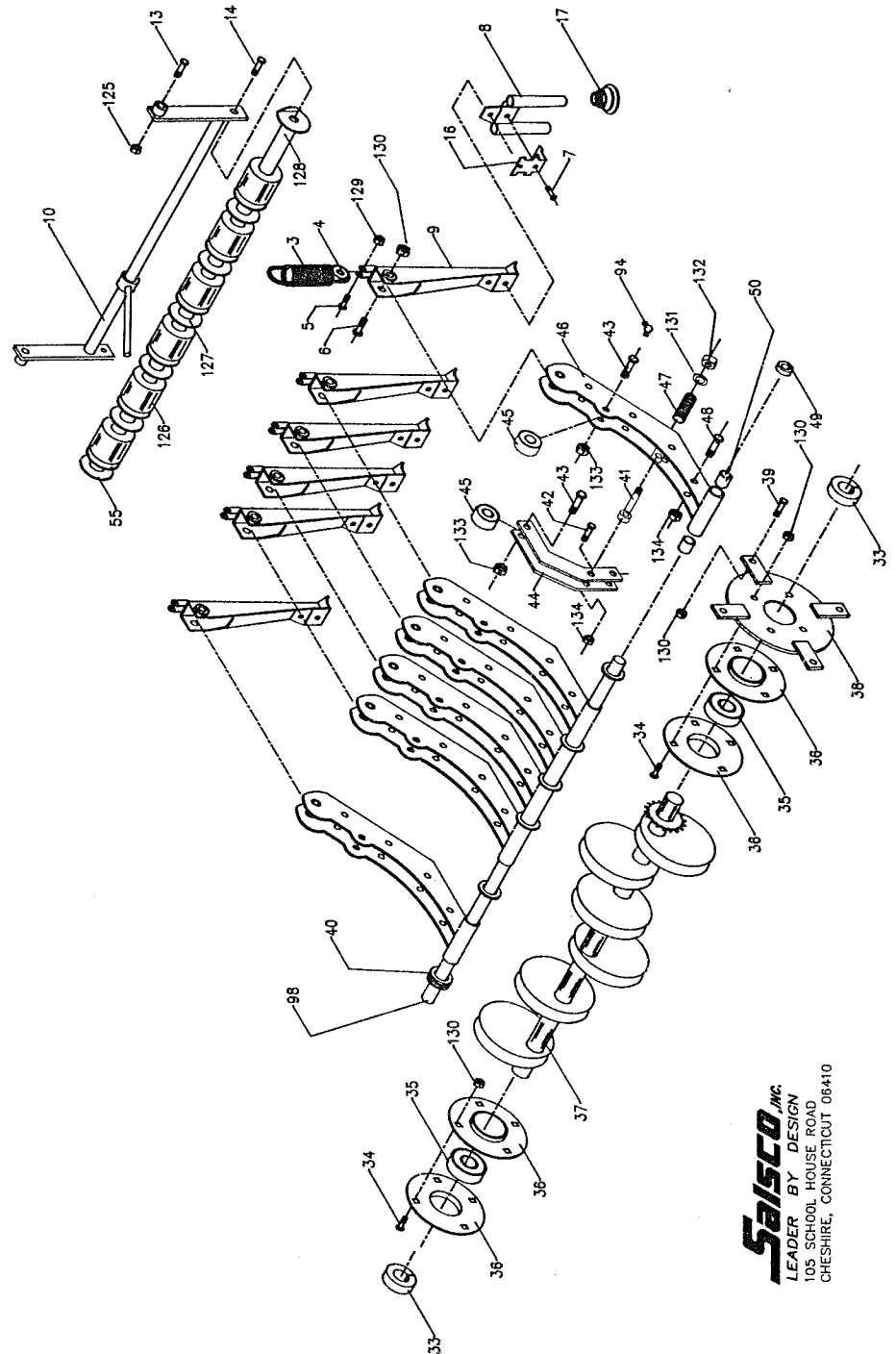
Salsco, Inc.
 LEADER BY DESIGN
 105 SCHOOL HOUSE ROAD
 CHESHIRE, CONNECTICUT 06410

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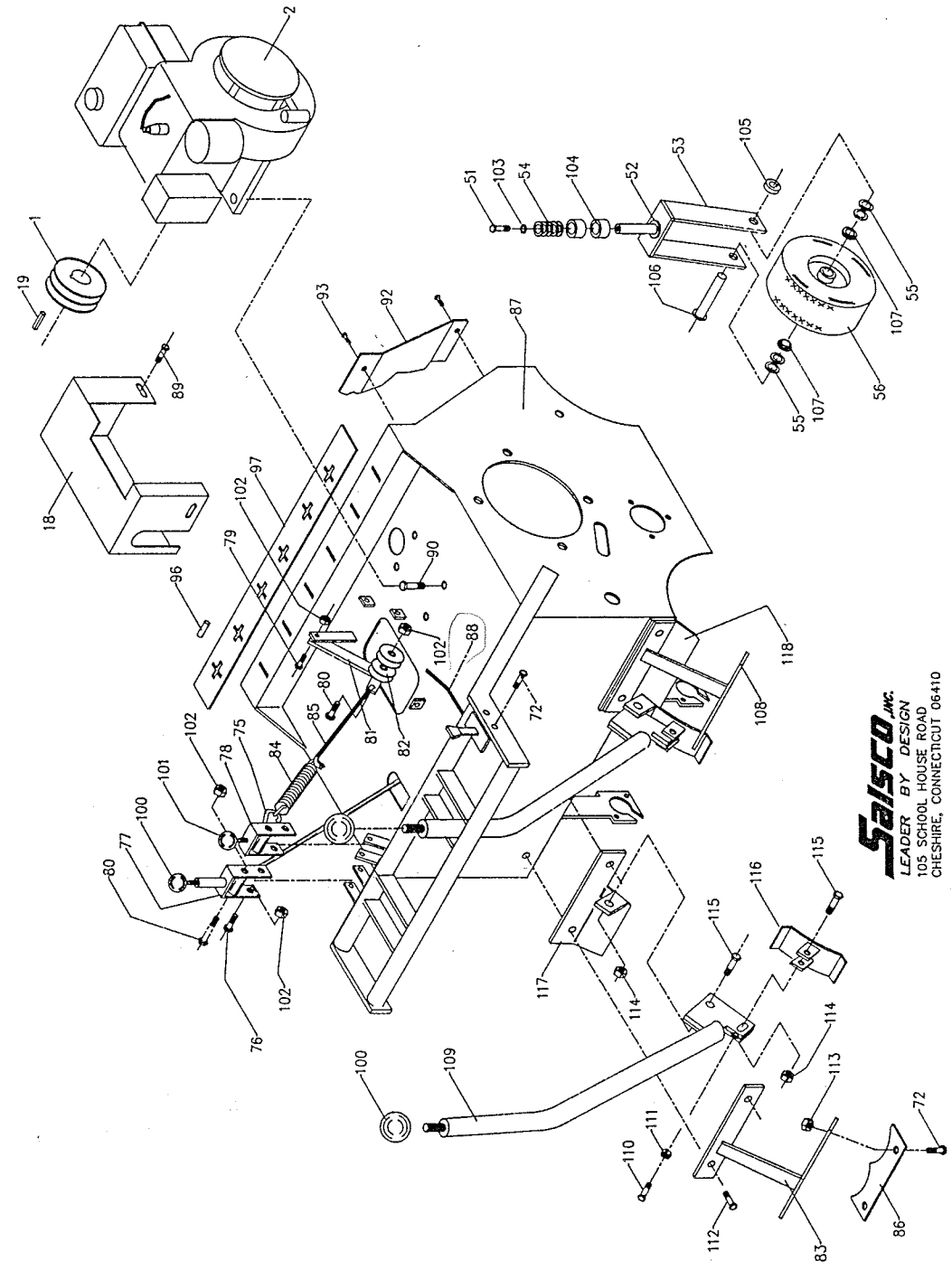
ITEM	PART NO	NAME	QTY
19	A-142	KEY	2
20	A-112	HEX BOLT	2
21	A-109	PILLOW FLANGETTE	1
22	A-109	BEARING 3/4	1
23	B-074	JACK SHAFT	1
24		KEY	1
25	A-153	HEX BOLT	2
26	A-046	SPROCKET	1
27	A-049	IDLER SPROCKET	2
28	A-045	SPROCKET	1
29	A-089	SPACER	6
30	D-158	LOCK NUT	2
31	A-136	HEX BOLT	8
32	A-056	CHAIN	1
59	B-070	V-BELT PAIR	1
60	A-066	9" DBL PULLEY	1
61	A-081	SET COLLAR	1
62	A-096	CHAIN IDLER BKT	1
64	G-085	REAR WHEEL	4
70	A-109	BEARING	1
71	A-111	FLANGETTE 3 HOLE	2
73	C-090	DIFFERENTIAL	1
74	A-053	CHAIN	1
76	A-142	HEX BOLT	8
114	B-158	LOCK NUT	2
118	A-159	LOCK NUT	8
119	D-185	DRIVE HUB	2
120	E-167	LOCK PIN	2
121	F-014	SPRING	2
122	G-098	ROLL PIN	2
123	B-104	KNOB	2
124	E-135	WASHER	2
		GREASE FITTING	1
NOT SHOWN	B-106		



ITEM	PART NO.	NAME	QTY
3	A-013	TINE SPRING	6
4	A-114	TINE BEARING	6
5	A-134	HEX BOLT	6
6	A-151	HEX BOLT	6
7	A-132	HEX BOLT	12
8	A-025	1/4 DBL TINE	6
9	A-026	3/8 DBL TINE	6
10	A-027	1/2 DBL TINE	6
11	A-028	5/8 DBL TINE	6
12	A-029	3/4 DBL TINE	6
13	A-038	DBL TINE HOLDER	6
14	B-001	RETRACTOR ASSY	1
15	A-150	HEX BOLT	4
16	A-142	HEX BOLT	2
17	A-040	LOCKING CLIP	6
18	A-018	SAVER SPRING 1/2	6
19	A-017	SAVER SPRING 5/8	6
20	A-016	SAVER SPRING 3/4	6
21	A-015	COLLAR SUPPLIED W/BRG	2
22	A-149	HEX BOLT	12
23	A-107	BEARING	2
24	A-108	FLANGETTE	2
25	C-072	CAM SHAFT	4
26	A-099	END PLATE	1
27	A-149	HEX BOLT	1
28	C-089	SPACER	12
29	A-009	ROCKER ARM ADJUSTER	16
30	A-143	HEX BOLT	8
31	A-148	HEX BOLT	12
32	A-008	UPPER ROCKER ARM	6
33	A-113	BEARING	12
34	A-008	ROCKER ARM	6
35	A-014	SPRING	7
36	A-144	HEX BOLT	7
37	A-079	SPLIT COLLAR 1"	2
38	A-121	BUSHING	12
39	A-089	WASHER	6
40	B-106	GREASE FITTING	6
41	A-073	ROCKER ARM SHAFT	1
42	A-156	LOCK NUT	2
43	C-003	RUBBER ROLLERS	2
44	C-089	SPACER	5
45	D-073	SHAFT	1
46	E-158	LOCK NUT	6
47	A-158	LOCK NUT	22
48	E-135	WASHER	6
49	B-156	LOCK NUT	6
50	G-156	LOCK NUT	12
51	G-158	LOCK NUT	12



ITEM	PART NO.	NAME	QTY
1	A-065	DB'L PULLEY 3 1/2	1
2	B-200	5 HP MOTOR	1
18	A-094	BELT GUARD	1
19		KEY	1
51	A-140	HEX BOLT	2
52	A-115	THRUST WASHER	2
53	A-088	FRONT AXLE	2
54	B-089	CUT WASHER	16
55	A-089	WASHER	10
56	A-084	FRONT WHEEL	2
72	A-133	HEX BOLT	6
75	B-102	"T" ROD	1
76	A-142	HEX BOLT	4
77	B-004	TINE HANDLE	1
78	A-103	CLUTCH HANDLE	1
79	A-144	HEX BOLT	1
80	A-145	HEX BOLT	1
81	B-100	CLUTCH ARM	3
82	A-064	IDLER PULLEY	2
83	B-092	LEFT SCRAPER BKT	1
84	A-015	SPRING	1
85	B-101	CLUTCH ROD	1
86	A-093	SCRAPER	2
87	G-500	MAIN FRAME	1
88	A-104	THROTTLE CABLE	1
89	A-131	BUTTON HD SCREW	3
90	A-138	HEX BOLT	4
92	A-095	FRONT PANEL	1
93	A-133	HEX BOLT	6
96	A-098	SPRING PIN	1
97	A-097	PIN HOLDER	1
100	A-104	BLACK KNOB	3
101	E-101	RED KNOB	1
102	B-158	LOCK NUT	5
103	E-135	WASHER	2
104	A-120	BUSHING	4
105	A-080	COLLAR	2
106	E-088	WHEEL AXLE	2
107	A-122	WHEEL BUSHING	4
108	A-092	RIGHT SCRAPER BKT	1
109	D-211	BRAKE LEVER	2
110	A-134	HEX BOLT	2
111	B-162	HEX NUT	2
112	C-133	HEX BOLT	4
113	E-158	HEX NUT	4
114	B-158	HEX NUT	4
115	A-143	HEX BOLT	4
116	C-211	BRAKE SHOE	2
117	L-215	LEFT BRAKE MTG BKT	1
118	M-215	RIGHT BRAKE MTG BKT	1
		GREASE FITTING	4

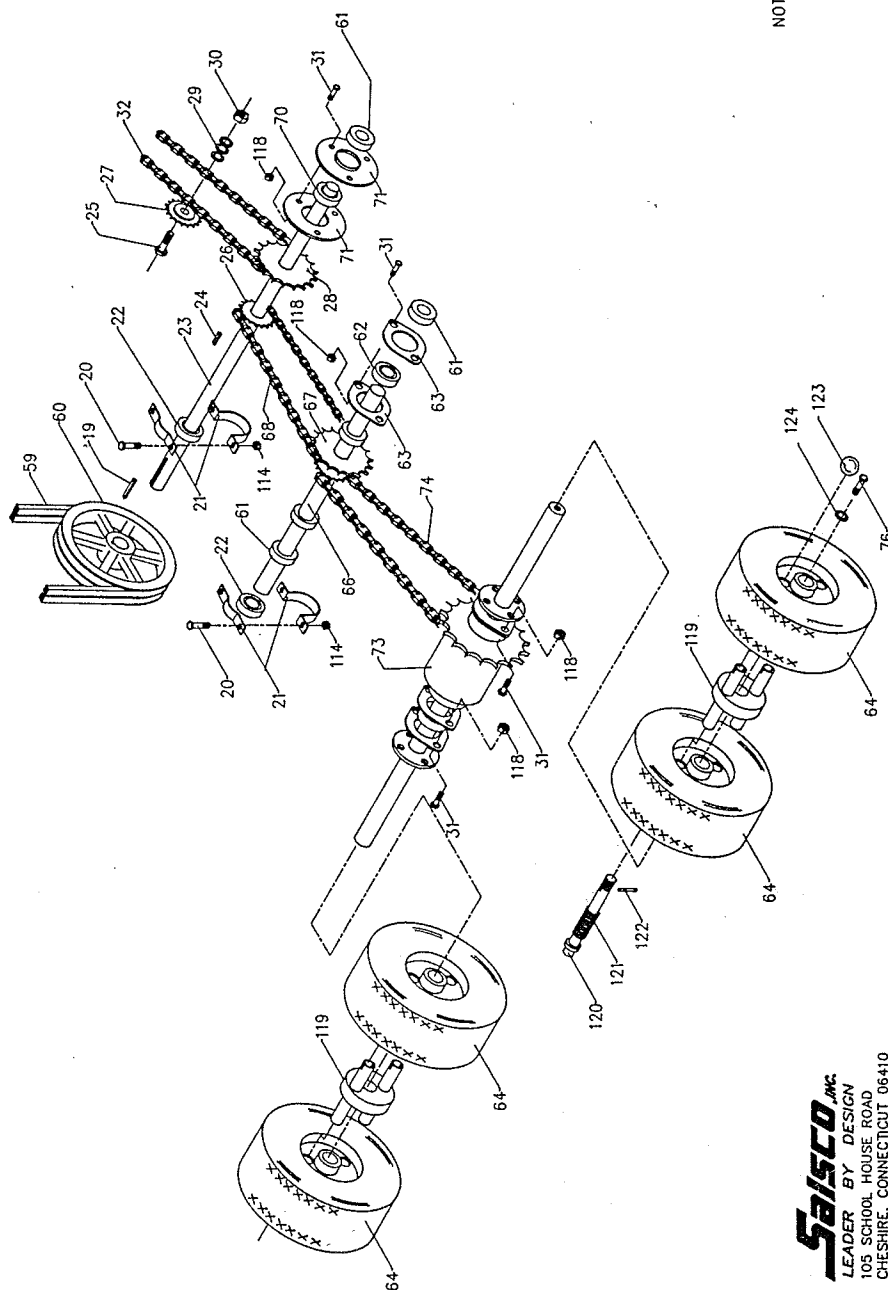


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 105 SCHOOL HOUSE ROAD
 CHESHIRE, CONNECTICUT 06410

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ITEM	PART NO	NAME	QTY
19		KEY	2
20	A-142	HEX BOLT	2
21	A-112	PILLOW FLANGETTE	2
22	A-109	BEARING 3/4	6
23	B-074	JACK SHAFT	1
24		KEY	1
25	A-153	HEX BOLT	1
26	A-046	SPROCKET	1
27	A-049	IDLER SPROCKET	1
28	A-045	SPROCKET	1
29	A-089	SPACER	3
30	D-158	LOCK NUT	1
31	A-136	HEX BOLT	10
32	A-056	CHAIN	1
59	B-070	V-BELT PAIR	1
60	A-066	9" DBL PULLEY	1
61	A-081	SET COLLAR	2
62	A-109	BEARING 3/4	6
63	A-110	FLANGETTE 2 HOLE	6
64	G-085	REAR WHEEL	4
66	A-075	COMPOUND SHAFT	1
67	A-044	WELDED SPROCKET	1
68	A-054	CHAIN	1
70	A-109	BEARING	6
71	A-111	FLANGETTE 3 HOLE	2
73	B-090	DIFFERENTIAL	1
74	A-055	CHAIN	1
76	A-142	HEX BOLT	8
114	B-158	LOCK NUT	4
118	A-159	LOCK NUT	10
119	D-185	DRIVE HUB	2
120	E-167	LOCK PIN	2
121	F-014	SPRING	2
122	G-098	ROLL PIN	2
123	B-104	KNOB	2
124	E-135	WASHER	2
	B-106	GREASE FITTING	1

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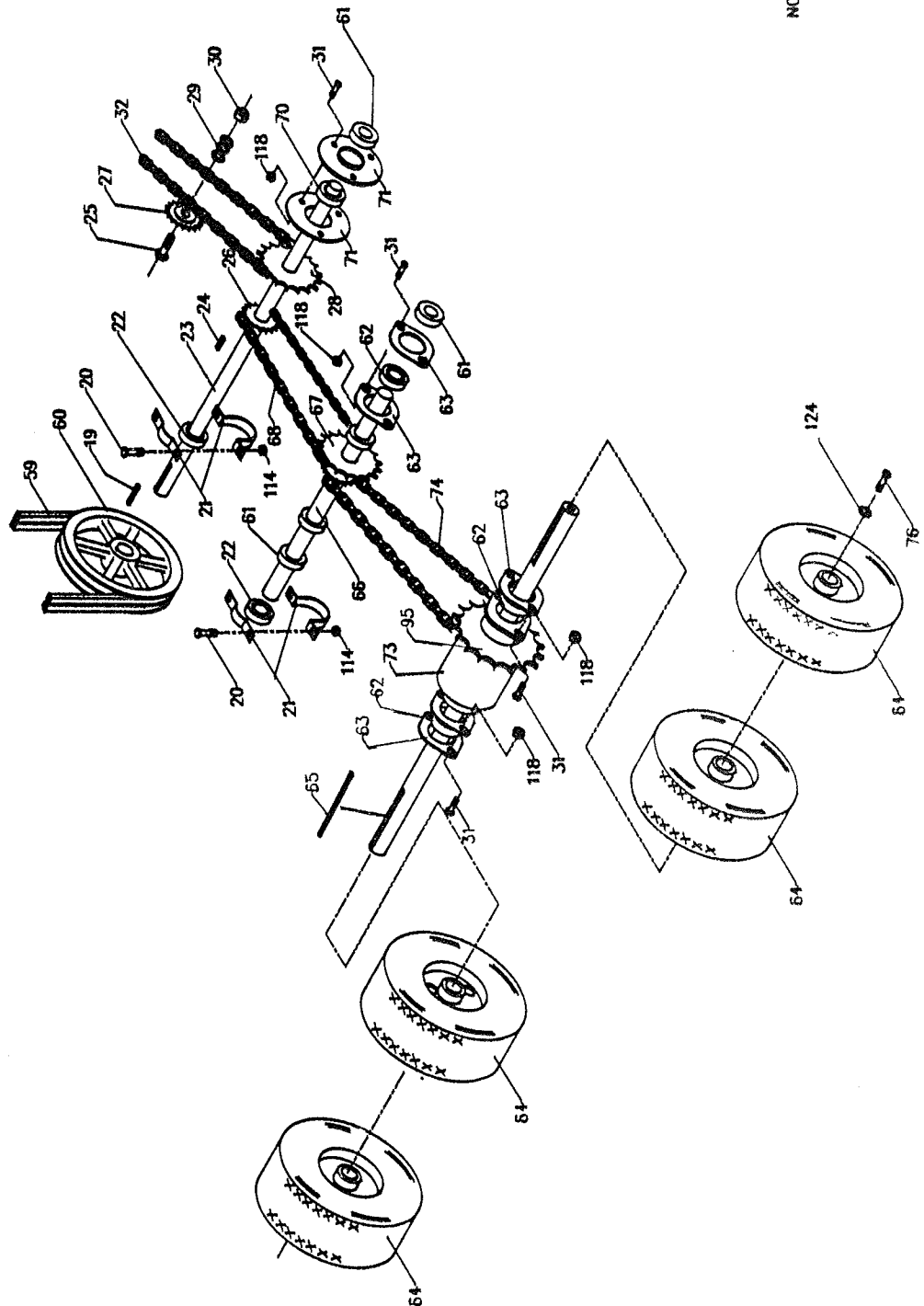


ITEM	PART NO	NAME	QTY
19		KEY	2
20	A-142	HEX BOLT	2
21	A-112	PULLW FLANGETTE	2
22	A-109	BEARING 3/4	6
23	B-074	JACK SHAFT	1
24		KEY	1
25	A-153	HEX BOLT	1
26	A-046	SPROCKET	1
27	A-049	ROLLER SPROCKET	1
28	A-045	SPROCKET	1
29	A-089	SPACER	3
30	D-158	LOCK NUT	1
31	A-136	HEX BOLT	10
32	A-056	CHAIN	1
59	B-070	V-BELT PULLEY	1
60	A-066	SET COLLAR	1
61	A-081	BEARING 3/4	2
62	A-109	FLANGETTE 2 HOLE	6
63	A-110	REAR WHEEL	4
64	A-085	KEY STOCK	2
65	A-075	COMPOUND SHAFT	1
66	A-044	WELDED SPROCKET	1
67	A-054	CHAIN	1
68	A-109	BEARING	6
70	A-111	FLANGETTE 3 HOLE	2
71	A-090	DIFFERENTIAL	1
73	A-055	CHAIN	1
74	A-142	HEX BOLT	8
76	B-158	LOCK NUT	4
114	A-159	LOCK NUT	10
118	E-135	WASHER	2
124	A-047	SPROCKET	1
95			

GREASE FITTING

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ITEM	PART NO.	NAME	QTY
3	A-013	TINE SPRING	6
4	A-114	TINE BEARING	6
5	A-134	HEX BOLT	6
6	A-151	HEX BOLT	6
7	A-132	HEX BOLT	12
8	A-025	1/4 DBL TINE	6
9	A-028	3/8 DBL TINE	6
10	A-027	1/2 DBL TINE	6
11	A-028	5/8 DBL TINE	6
12	A-029	3/4 DBL TINE	6
13	A-038	DBL TINE HOLDER	6
14	B-001	RETRACTOR ASSY	1
15	A-150	HEX BOLT	4
16	A-142	HEX BOLT	2
17	A-040	LOCKING CLIP	2
18	A-016	SAVER SPRING 1/2	6
19	A-017	SAVER SPRING 5/8	6
20	A-018	SAVER SPRING 3/4	6
21	COLLAR	SUPPLIED W/BRG	2
22	A-149	HEX BOLT	12
23	A-107	BEARING	2
24	A-108	FLANGETTE	4
25	C-072	CAM SHAFT	1
26	A-089	END PLATE	1
27	A-148	HEX BOLT	12
28	A-089	SPACER	16
29	A-149	ROCKER ARM ADJUSTER	8
30	A-009	HEX BOLT	8
31	A-143	HEX BOLT	12
32	A-148	UPPER ROCKER ARM	6
33	A-008	BEARING	12
34	A-113	ROCKER ARM	6
35	A-008	SPRING	6
36	A-014	HEX BOLT	7
37	A-144	SPLIT COLLAR 1"	2
38	A-079	BUSHING	12
39	A-121	WASHER	6
40	A-089	GREASE FITTING	6
41	B-108	ROCKER ARM SHAFT	1
42	A-073	LOCK NUT	2
43	A-158	LOCK NUT	2
44	125	RUBBER ROLLERS	6
45	127	SPACER	5
46	Q-003	SHAFT	1
47	D-073	LOCK NUT	6
48	E-158	LOCK NUT	22
49	A-158	WASHER	6
50	E-135	LOCK NUT	6
51	B-158	LOCK NUT	12
52	C-158	LOCK NUT	12
53	B-158	LOCK NUT	12

