

MAN 4164864
Rev.A 11-2009



MODEL:

75-70930A
VERTICAL AUGER VA242



SCHILLER GROUND
CARE

OP/PARTS MANUAL

**CALIFORNIA
Proposition 65 Warning**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.



WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Californie Proposition 65
Avertissement**

Les échappements des moteurs diesel et certains de leurs composés sont reconnus par l'Etat de Californie pour être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.



AVERTISSEMENT

L'émission du moteur de ce matériel contient des produits chimiques que l'Etat de Californie considère être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

**California Advertencia
de la Proposicion 65**

El estado de California hace saber que los gases de escape de los motores diesel y algunos de sus componentes producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.



ADVERTENCIA

El estado de California hace saber que los gases de escape de este producto contienen productos químicos que producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

**CALIFORNIA
Proposition 65 Warning**

Battery posts, terminals, wiring insulation, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
WASH HANDS AFTER HANDLING.

VERTICAL AUGER

IMPORTANT MESSAGE

Thank you for purchasing this Schiller Grounds Care, Inc. product. You have purchased a world class product, one of the best designed and built anywhere.

This product comes with an Owner/Operator's Manual. The useful life and good service you receive from this product depends to a large extent on how well you read and understand this manual. Treat this product properly and adjust it as instructed, and it will give you many years of reliable service.

See a Steiner dealer for any service or parts needed. Schiller Grounds Care, Inc. service ensures that you continue to receive the best results possible from Schiller Grounds Care, Inc. products. You can trust Schiller Grounds Care, Inc. replacement parts because they are manufactured with the same high precision and quality as the original parts.

Schiller Grounds Care, Inc. designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this product only as directed in the manual, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

Schiller Grounds Care, Inc.
One Bob Cat Lane
Johnson Creek, WI 53038-0469

TABLE OF CONTENTS	FIGURES	PAGE
DESCRIPTION		2
SPECIFICATIONS		3
SAFETY		4-6
DECALS		7, 8
INSTALLATION INSTRUCTIONS		9
OPERATION.....		10
SERVICE.....		11
MAIN FRAME & LIFT ARM ASSY	FIGURE 1	12, 13
AUGER MOUNTING ASSY	FIGURE 2	14, 15
HYDRAULICS	FIGURE 3	16, 17
DECALS	FIGURE 4	18, 19
HYDRAULIC SCHEMATIC.....	FIGURE 5	20
BELT CHART.....	FIGURE 6	21

DESCRIPTION

The VA-242 Vertical Auger attachment mounts easily to the front of the Steiner 420 and 430 tractors, providing a convenient and powerful tool for digging holes.

Augers are available in diameters of 9", 12", 16" and 24", with replaceable tips and cutting edges. Digging depth is a generous 42 inches. Since the auger attachment mounts to a Steiner tractor, you can move around the work site without damaging the turf. The auger and drive motor pivot on two axes, so you can dig a straight hole even on a slope. Articulating steering allows you to position the auger point easily and precisely.

The auger is driven by an independent hydraulic circuit, which provides 10 GMP of flow at 2500 PSI to the large displacement hydraulic drive motor. The 600 ft.-lbs. of torque is enough to dig through tough conditions, and the 115 RPM auger speed can spin soil off the auger, without having to swing and dump. A reversible control valve enables the operator to back out of a jam. Boom lift is provided through the tractor auxiliary hydraulics, and is capable of applying down pressure to the auger.

From erecting fencing to planting shrubs and trees, the VA-242 will help you complete many laborious tasks quickly and easily.



VERTICAL AUGER

SPECIFICATIONS

SPECIFICATIONS

Overall Width	38"
Maximum Height (raised position, to hoses)	72-3/4"
Overall Length (with valve handle in reverse)	81"
Weight (w/o auger - with oil, mounting shaft & clamps)	445 lbs.
Depth of Hole	42"
Auger Weight..... 9"	39 lbs.
12"	53 lbs.
16"	72 lbs.
24"	95 lbs.
Auger Torque	600 ft/lbs.
Auger RPM (no load)	115 RPM
Hydraulic Pump Flow (at 3600 engine RPM)	10 GPM
Relief Setting	2500 PSI
Oil Capacity	27 quarts

These specifications are subject to change without notice.

NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Schiller Grounds Care, Inc. strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Schiller Grounds Care, Inc. Engineering Department. Any Schiller Grounds Care, Inc. product that is altered, modified or changed in any manner not specifically authorized after original manufacture—including the addition of “after-market” accessories or component parts not specifically approved by Schiller Grounds Care, Inc.—will result in the Schiller Grounds Care, Inc. Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Schiller Grounds Care, Inc. will be considered the responsibility of the individual(s) or company designing and/or making such changes. Schiller Grounds Care, Inc. will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Schiller Grounds Care, Inc. machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage

Schiller Grounds Care, Inc.

One Bobcat Lane
Johnson Creek, WI 53038 U.S.A
Phone: 920-699-2000
Fax: 920-699-3683

MODEL NUMBER

SERIAL NUMBER

MODEL NUMBER: This number appears on sales literature, technical manuals and price lists.

SERIAL NUMBER: This number appears only on your mower. It contains the model number followed consecutively by the serial number. Use this number when ordering parts or seeking warranty information.

GENERAL SAFETY

1. Read and understand the Owner's Manual before attempting to operate this machine.
2. Operate all controls from the operator's seat. **NO RIDERS.**
3. Keep all shields in place and safety switches adjusted properly.
4. Do not leave equipment unattended. STOP the engine and remove the key.
5. Do not allow minors or the inexperienced to operate this machine.
6. Keep people and pets a safe distance away from machine using power driven attachments. Injury could result from flying debris.

OPERATING SAFETY

1. **DO NOT** attempt to work on unit or any attachments with the engine running. **STOP ENGINE!**
2. Before leaving the tractor seat:
 - Lower Auger
 - Disengage PTO
 - Set PARKING brake
 - Stop engine

IMPORTANT SAFETY MESSAGE FOR OWNERS and OPERATORS OF THE VERTICAL AUGER

Safety is a primary concern in the design, manufacture, sale, and use of vertical augers. As manufacturers of these products we want to confirm to you, the customer, our concern for safety. We also want to remind you of the simple basic common sense rules of safety when using this equipment.

It is essential that everyone involved in the assembly, operation, transport, maintenance, and storage of this equipment be aware, concerned, prudent, and properly trained in safety. The greatest risk for accident involves entanglement with the auger or drive line. This risk becomes greater when shear bolts are replaced with bolts longer than specified by the manufacturer.

Below are some of the most important safety rules to be understood and followed by anyone who works with the vertical auger.

- Before operating the vertical auger, an operator must read and understand all the operator and safety information in the owner's manual and the safety decals attached to the unit. Only those persons who have read the manual are qualified to operate the unit.
- The vertical auger is designed for one-man operation from the operator's seat. It is the responsibility of the operator to see that everyone is a safe distance from the auger when it is started.

NOTE: Do not operate the auger with persons near or in contact with the unit! Serious personal injury or death may result if any attempt is made to assist the digger operation by hand.

- Do not operate the auger unless all shields and guards are in place.
- Never replace the shear bolt or auger



retaining bolt with one longer than those supplied and specified by the manufacturer.

- Do not use unless the auger point and cutting edges are intact and in good working condition.

Following these simple, basic safety rules, as well as others identified in the owner's manual and safety decals, will help minimize the possibility of accidents.

Be careful and make sure that everyone who operates the auger knows and understands that it is a very powerful piece of machinery, and if used improperly, serious injury or death may result.

NOTE: The final responsibility for safety rests with the operator of this unit!

CAUTION

**CALL UTILITIES BEFORE DIGGING
NEAR UNDERGROUND LINES.**

CAUTION

**HYDRAULIC SYSTEM MAY HAVE
PRESSURE EVEN IF THE ENGINE IS
STOPPED. RELIEVE ALL PRESSURE
BEFORE ATTEMPTING ANY REPAIRS.**

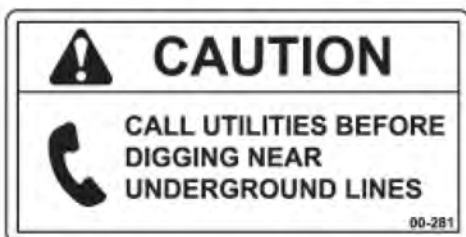
SAFETY DECALS



Location: Hydraulic Tank Shield



Location: Auger Shield



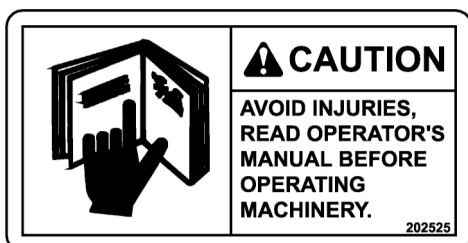
Location: Lift Frame Top



Location: Rear side of lift arms
and on each end of
Auger mounting plate



Location: Lift Frame Top



Location: Lift Frame Top



Location: Top of Auger

VERTICAL AUGER

INSTALLATION INSTRUCTIONS

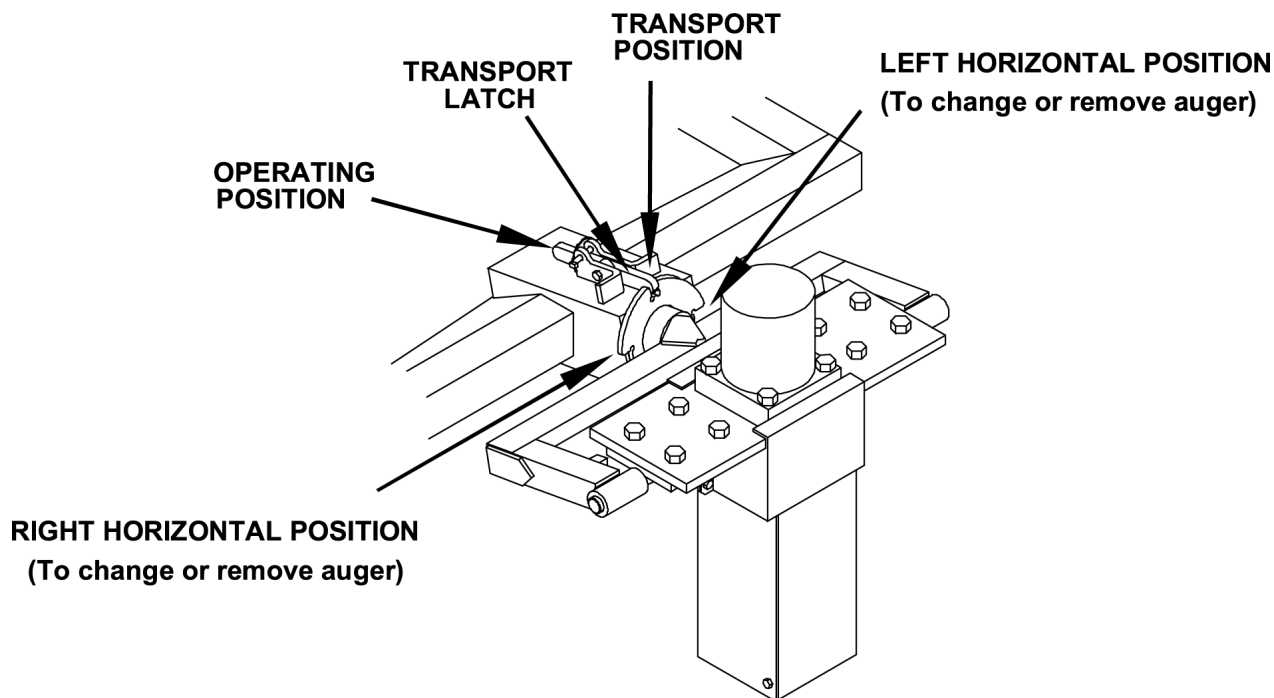
MOUNTING INSTRUCTIONS

1. Install mounting shaft through the tractor frame and secure with bolt. Place a clamp over each end of the shaft.
2. Drive the tractor carefully into position until the quick hitch latches can be latched.
3. Connect the hydraulic hoses to auxiliary couplers. If operation seems wrong... Reverse the couplers.
4. Raise the tractor front lift to tilt the sub-frame unto the mounting shaft.
5. Place clamps in position and tighten.
6. Install pump drive belt.
7. Install the two additional weight bars (62-540.7) included with auger to rear weight bar.

NOTE: A rear weight bar with six (6) weights is required when mounting the vertical auger attachment.

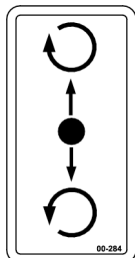
REMOVAL INSTRUCTIONS

1. Stop engine and remove pump drive belt.
2. Release transport latch and swing the auger to the left or the right (see illustration below). Lower the lift arms to approximately two feet from the floor. (At this point the auger is not completely horizontal.)
3. Loosen clamps from the mounting shaft.
4. Carefully lower tractor front lift allowing unit to tip forward until auger rests completely on the floor.
5. Release quick hitch latches and the hydraulic hoses. Carefully back the tractor away from the unit.
6. Remove the mounting shaft.
7. Remove the weights from the weight bar.



CONTROLS:

1. The tractor auxiliary lever is used to raise and lower the lift arms.
2. The valve mounted over the left lift arm is used to control auger rotation.



Moving the lever forward rotates the auger for digging.

Center position is stop.

Moving the lever rearward rotates the auger in reverse.

3. The PTO of the tractor drives the pump to provide hydraulic power to turn the auger.
 - Attach the vertical auger sub-frame to quick hitch front lift, placing correct drive belt. Secure the subframe to the cross bar with the clamps provided.
 - Stop engine and install the drive belt.
 - Connect the auxiliary hydraulic hoses to the hydraulic couplers.
 - Select the proper auger size for the task to be done. Install the auger as described in "Changing the Auger" on Page 11.
 - Start engine and transport the vertical auger to the job site.
 - Release the transport latch before digging!

- Check the location of existing electric, gas, cable, telephone, water lines, etc. before digging.
- Check the area for obstacles such as loose rocks, stones, wood and other debris that could hinder proper operation of the digger.
- Align and position the auger at the location of the hole to be dug.
- Lower the auger with the auxiliary hydraulic lever on the tractor.
- Engage the PTO carefully with engine at approximately half throttle. Slowly lower the auger while rotating the auger to begin the digging process.
- Accelerate to full throttle and continue to lower the auger slowly to dig the hole. Depending on soil conditions and depth of hole it may be necessary to stop the rotation and lift the auger out of the hole; then spin the auger to dislodge and throw the accumulated soil on the auger away from the hole. Stop auger before re-entering the hole.
- Be aware of catching the auger on a root or rock which will stop the auger rotation. In the event the auger gets caught, stop auger rotation immediately with the rotation control, then reverse rotation to free the auger.



IMPORTANT!

THE VERTICAL AUGER IS DESIGNED FOR ONE-MAN OPERATION FROM THE TRACTOR SEAT. DO NOT ATTEMPT TO DIG WITH ANOTHER PERSON ASSISTING OR IN CONTACT WITH ANY PART OF THE UNIT.

⚠ DANGER

DO NOT OPERATE WITH BYSTANDERS IN THE AREA. UNEXPECTED CAVE-IN OR ANY ACTION CAUSING PERSONS TO CONTACT THE DIGGING AUGER COULD CAUSE SERIOUS INJURY OR DEATH.

SERVICE SCHEDULE:

Daily:

- Check for any signs of loose bolts and tighten as needed.
- Check auger point and cutters for condition. Check shear bolt on auger.
- Check condition of hydraulic lines and fittings.
- Check hydraulic oil level at sight glass.

25 Hour:

- In addition to the above, grease all pivot points on lift arms.

250 Hour or Annually:

- Change hydraulic oil and filter.

Hydraulic oil specification:

Use only Steiner Trans- Hydraulic oil or Texas Refinery Corp. 6440 universal torque fluid.

Oil change procedure:

1. With unit mounted on tractor and on a level surface... Run the auger to warm the oil to operating temperature.
2. Stop engine and remove drain plug from oil tank. Remove oil filter.
3. Lightly lube filter gasket and install new filter. Tighten ½ turn after gasket contacts base.
4. Clean magnetic drain plug and install. Fill tank to center of sight glass with recommended oil. (Approximately 6½ gallons)
5. Run unit , check for leaks, and re-check oil level.

NOTE:

If the auger seems sluggish (as if oil is restricted) the strainer in the tank may be plugged.

1. To remove strainer, drain oil tank and remove unit from tractor.
2. Loosen steel line at pump. Remove the steel line nut at the 90° fitting.
3. Clean strainer. Replace if damaged.
4. To install strainer, reverse above procedure, run, and check for leaks.

Adjustments:

- There are no operator adjustments necessary.
- The hydraulic system pressure is preset at the factory to 2500 psi. Do not change this setting.

Changing the auger:

There are 4 sizes of auger available for the unit: 9-inch, 12-inch, 16-inch, 24-inch.

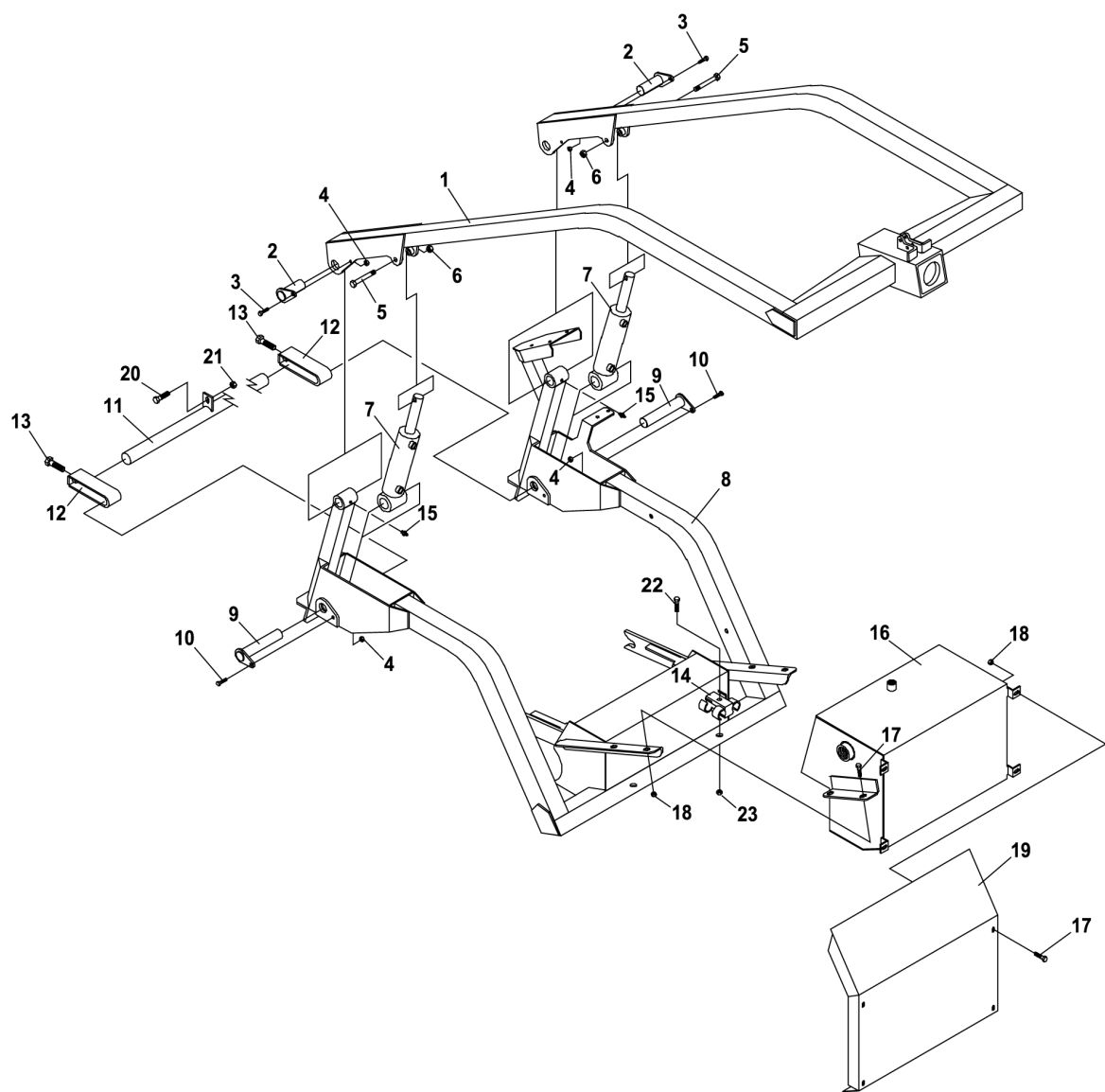
Auger removal and installation:

1. Disengage PTO and stop engine.
2. Remove the shield from the drive end of the auger.
3. Unlatch the transport latch and swing the auger to the left.
4. Lower the lift arms to allow the auger to lie on the ground.
5. Remove the shear pin (drive bolt) from the auger.
6. Slide the auger away from the drive motor.
7. Assemble to another auger in reverse order of the above steps.
8. Install shield at the drive end of the auger. Keep this shield in place!

MAIN FRAME & LIFT ARM ASSY

VERTICAL
AUGER

FIGURE 1



VERTICAL AUGER

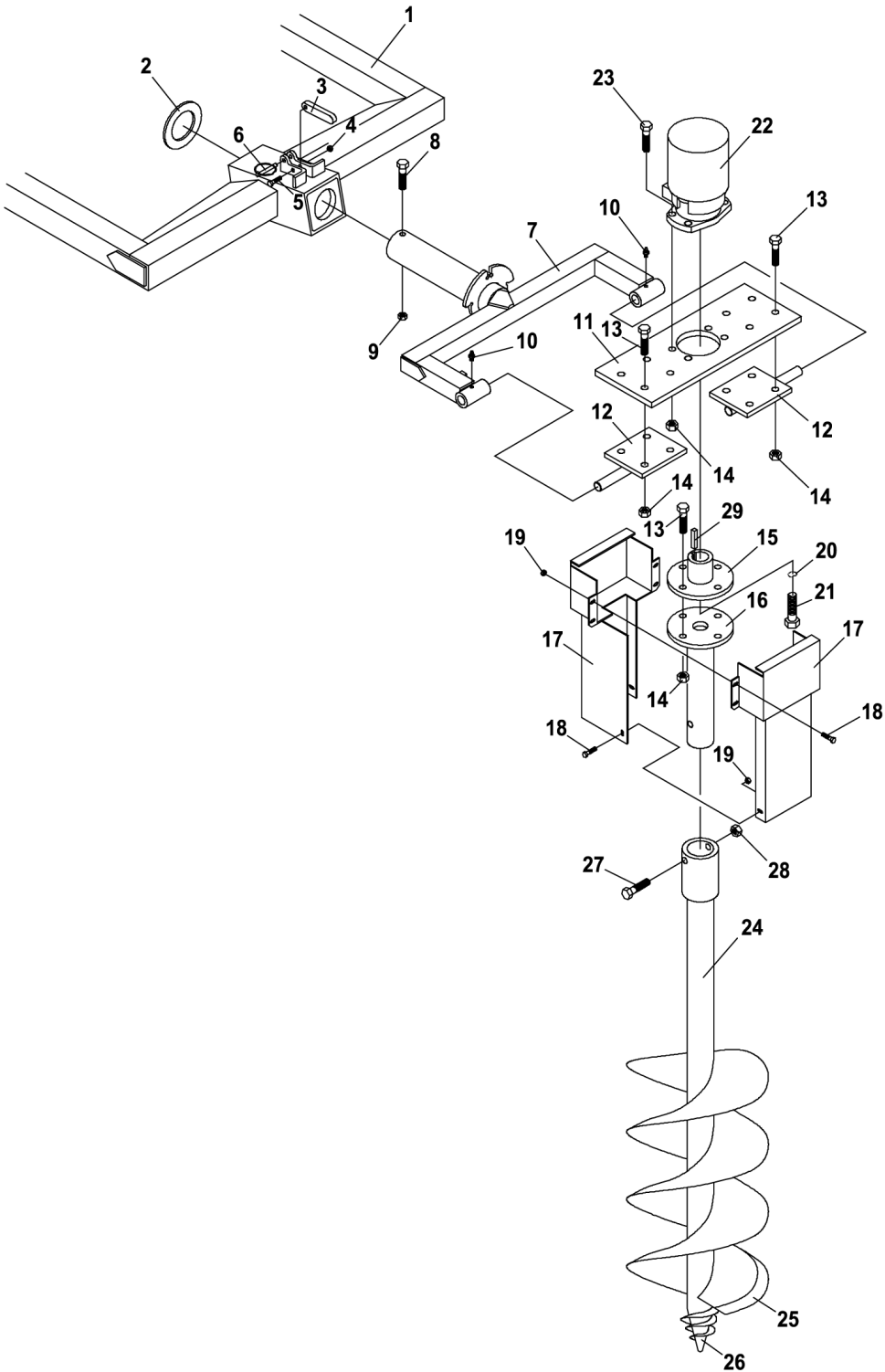
MAIN FRAME & LIFT ARM ASSY

FIGURE 1

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4164880	S-LIFT ARM	1				
2	6104085	PIN, PIVOT W/A	2				
3	64139-04	BOLT-WLF 1/4-20X3/4	2				
4	64141-2	NUT-WLF 1/4-20	4				
5	6104092	BOLT, LIFT CYLINDER	2				
6	64229-03	LOCKNUT-NYLON 3/8-16	2				
7	23-083	CYLINDER, 2-1/4" X 5" HYD.	2				
*	21-13175X	SEAL KIT	1				
8	6104082.17	MAIN FRAME WLDMT	1				
9	6104084	PIN, HYD. CYL. WLDMT	2				
10	64262-003	BOLT, FLANGE 1/4-20 X 1	2				
11	6104086.7	SHAFT, FRAME MNT	1				
12	6104020.17	MOUNTING CLAMP WLDMT	2				
13	64123-117	BOLT-HEX 1/2-13X1-1/2	2				
14	44165751	TUBE AND HOSE CLMP 1/4"	2				
15	85010N	S/B GREASE FITTING	2				
16	4164882	S-TANK, HYD. OIL	1				
17	64139-08	BOLT-5/16-18X3/4	8				
18	64141-6	NUT, 5/16-18	8				
19	4164879	S-SHIELD, HYD. TANK	1				
20	64139-21	BLT-WLF 3/8-16X3/4	1				
21	64141-4	NUT-WLF 3/8-16	1				
22	64123-105	BLT-HEX 1/4-20X1-5/8	2				
23	04-009	INSERT-,1/4-20	2				

* NOT ILLUSTRATED

FIGURE 2



VERTICAL AUGER

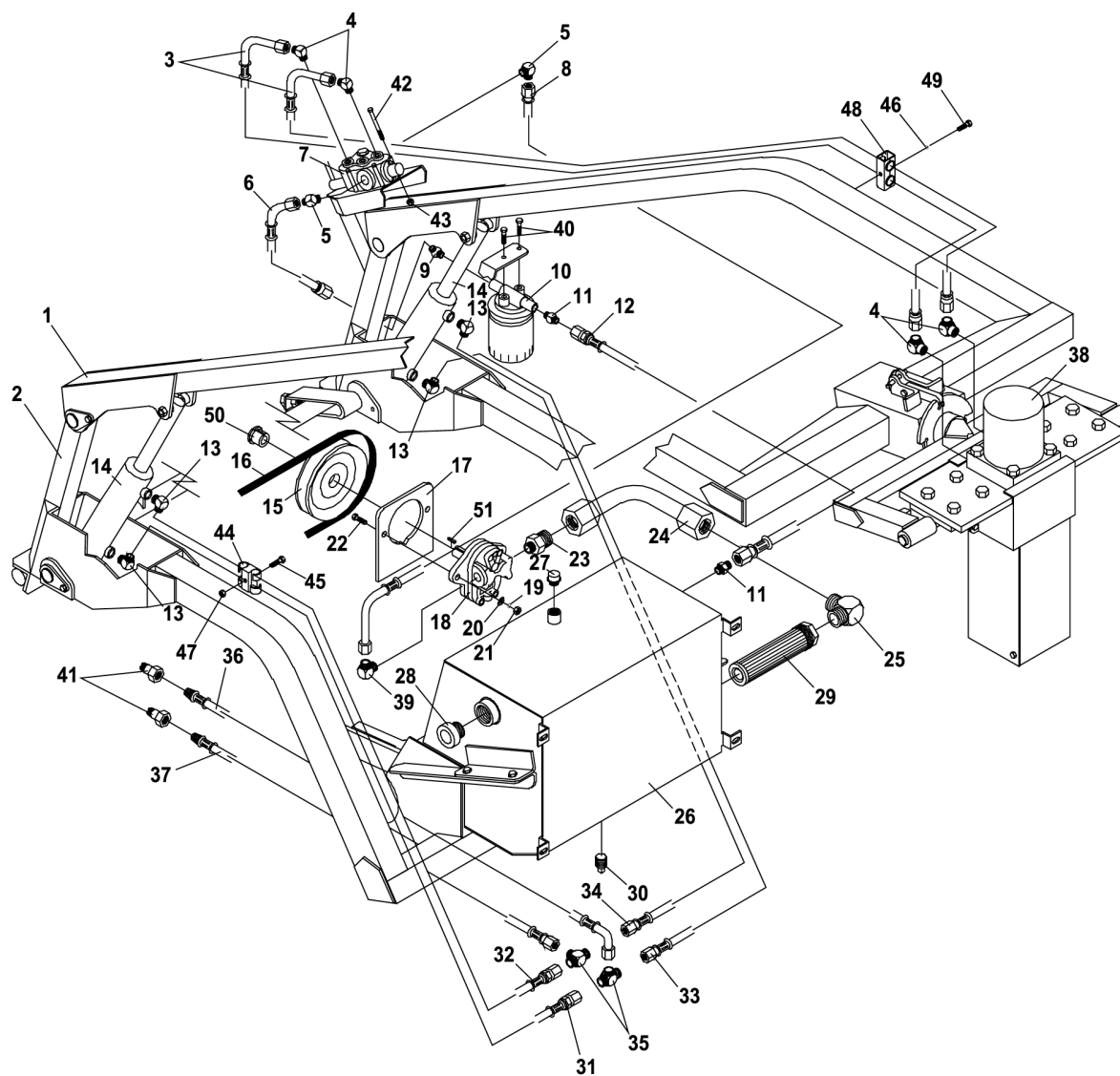
AUGER MOUNTING ASSY

FIGURE 2

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4164880	S-LIFT ARM	1				
2	6104032	WASHER, REAR STOP	1				
3	6104056.17	LOCK, SWIVEL	1				
4	64229-01	LOCKNUT-NYLON 1/4-20	1				
5	64123-80	BLT-HEX 1/4-20X1-1/4	1				
6	03-015	CLIP PIN	1				
7	6104083.17	FRAME, MOTOR SWIVEL	1				
8	64123-75	BOLT, 3/8-16X3 HEX	1				
9	64229-03	LOCKNUT-NYLON 3/8-16	1				
10	85010N	S/B GREASE FITTING	2				
11	4164881	S-MOUNT, HYD. MOTOR	1				
12	6104005.17	MOUNT-HYD. MTR WLDMT	2				
13	99-K56	BOLT-FLANGE 1/2-13X1-1/2	12				
14	64141-13	NUT WLF 1/2-13	16				
15	6104078.17	ADAPTER, HYD. MOTOR	1				
16	4164883	S-ADAPTER, AUGER	1				
17	6104089.17	GUARD, ADAPTER WLDMT	2				
18	64139-04	BOLT-WLF 1/4-20X3/4	6				
19	64141-2	NUT-WLF 1/4-20	6				
20	64006-04	LOCKWSHR-HELICAL 5/8	1				
21	91-1010-8	BOLT, 5/8-18 X 1-1/4	1				
22	21-125	MOTOR-HYD	1				
*	21-088	SEAL KIT	1				
23	64123-235	BOLT, 1/2 UNC x 1-3/4	4				
24	75-70934	AUGER-9	1				
25	79-111	KIT-CUTTING EDGE (USED ON 9" AUGER)	1				
26	79-115	AUGER POINT	1				
27	99-K79	BOLT-AUGER MOUNTING	1				
28	99-AC08	LOCKNUT, CENTER 1/2-13	1				
29	85-K0510	KEY, 5/16 X 1-1/4	1				
*	75-70936	AUGER-12 (INCLUDES ITEMS 26 - 28)	1				
	79-112	KIT-CUTTING EDGE (USED ON 12" AUGER)	1				
*	75-70938	AUGER-16 (INCLUDES ITEMS 26 - 28)	1				
	79-113	KIT-CUTTING EDGE (USED ON 16" AUGER)	1				
*	75-70940	AUGER-24 (INCLUDES ITEMS 26 - 28)	1				
	79-114	KIT-CUTTING EDGE (USED ON 24" AUGER)	1				

* NOT ILLUSTRATED

FIGURE 3



VERTICAL AUGER

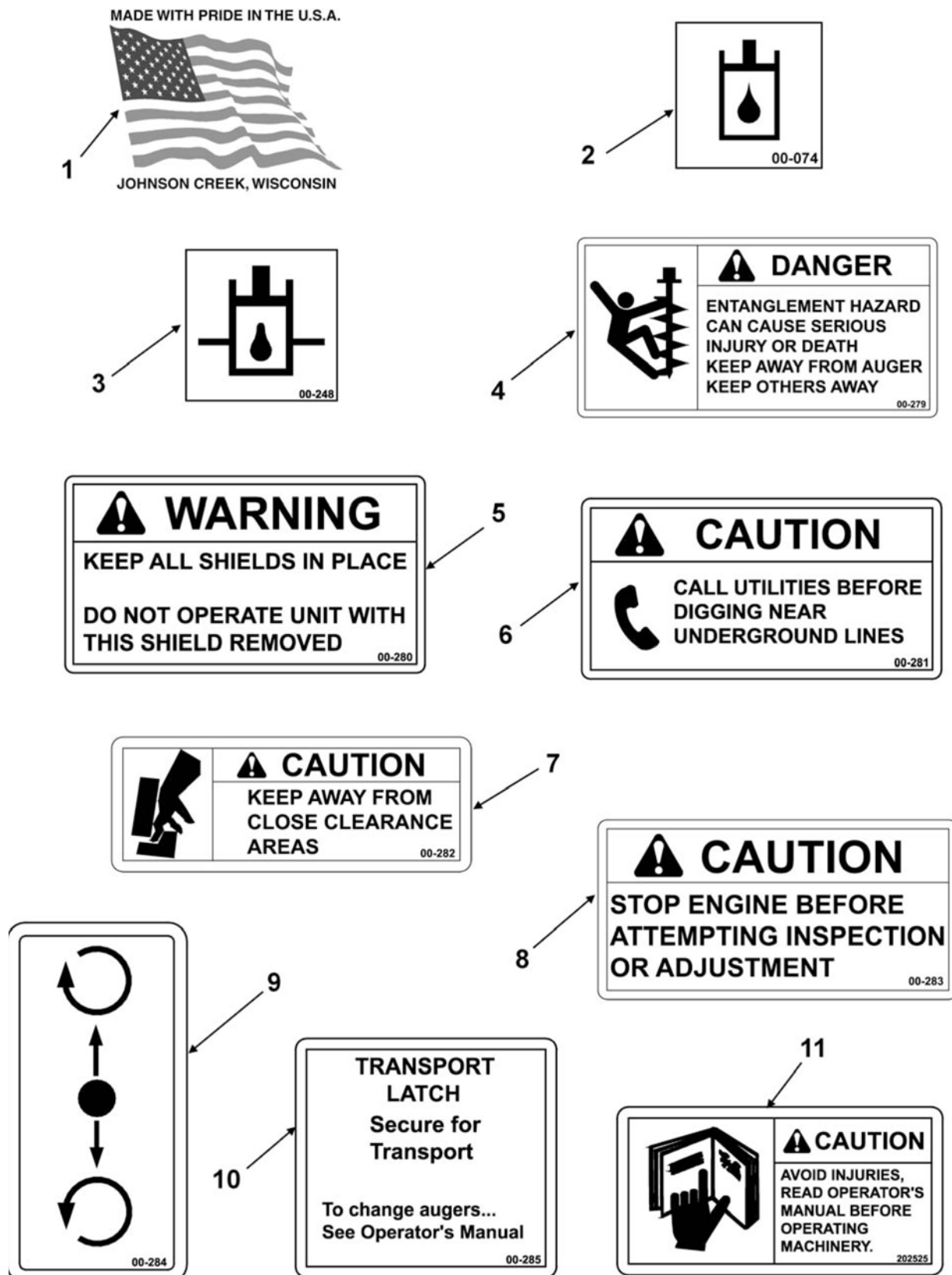
HYDRAULICS

FIGURE 3

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64164880	LIFT ARM WLDMT	1	31	20-020	HOSE, 1/4 X 44	1
2	6104082.17	MAIN FRAME WLDMT	1	32	20-021	HOSE, 1/4 X 52 100R1 #6	1
3	20-154	HOSE, 1/2 X 104 -10	2	33	20-220	HOSE, 1/4 X 62	1
4	25-2503-10-10	FTG,90 -10 M ORB/-10 M	4	34	20-048	HOSE, 1/4 X 68 100R1 #6	1
5	25-2503-12-10	FTG,90 -12 M ORB/-10 M	2	35	25-033T-6-6	FTG,UNION TEE -6 M	2
6	20-159	HOSE, 5/8 X 12.5 -10	1	36	20-155	HSE-1/4X38 -4MPT RIGID X	1
7	23-144	VALVE, HYD 1-SPOOL	1	37	20-156	HSE-1/4X37 -4MPT RIGID X	1
	23-150	SEAL KIT	1	38	21-125	MOTOR-HYD	1
				*	21-088	SEAL KIT	1
8	20-153	HOSE, 5/8 X 49 -10	1				
9	25-3103-12-10	FTG,45 -12 MPT X -10	1	39	25-2503-10-12	FTG,90 -10 M ORB/-12	1
10	21-057	FILTER HEAD	1	40	64139-02	BLT-WLF 1/4-20X1/2	2
	21-093	FILTER, HYDRAULIC	1	41	23-004	MALE QUICK COUPLER	2
				42	64123-98	BLT-HEX 1/4-20X2-1/2	3
11	25-0103-12-12	FTG,STR -12 MPT X-12	2	43	64141-2	NUT-WLF 1/4-20	3
12	20-158	HOSE, 3/4 X 33 -12	1	44	4165751	TUBE AND HOSE CLMP 1/4"	4
13	25-2103-6-6	90-M/M 9/16 JIC x 3/8	4	45	64123-105	BLT-HEX 1/4-20X1-5/8	4
14	23-083	CYLINDER, 2-1/4" X 5" HYD	2	46	64006-01	LOCKWASHER-1/4 HEL	3
*	21-13175X	SEAL KIT	1	47	04-009	INSERT, 1/4-20	4
				48	11-051	CLAMPING UNIT-2 HOLE	6
15	83-BK65H	PULLEY	1	49	64123-113	BLT-HEX 1/4-20X2-1/4	3
16	81-A027	BELT, A27	1	50	83-H12	BUSHING, 3/4	1
17	04-015	INSERT 1/4-20	1	51	85-W0305	WOODRUFF KEY	1
18	21-101	PUMP, HYD. GEAR	1				
19	64006-03	LOCKWASHER, 3/8	2				
20	64163-61	WSHR .81X.406X16GA	2				
21	64025-05	NUT-3/8-16 HEX	2				
22	64123-70	BOLT-HEX 3/8-16X1-1/2	2				
23	25-0503-12-16	FTG,STR -12 M ORB/-16	1				
24	23-147	TUBE-HYD AGR PMP INLET	1				
25	25-2103-16-16	FTG,90 -16 MPT X -16	1				
26	4164882	S-TANK, HYD. OIL WLDMT	1				
27	21-098	CAP, BREATHER 3/4	1				
28	H9103	FITTING, SIGHT GLASS	1				
29	23-145	STRAINER, EXTERNAL MNT	1				
30	H8011	PLUG, MAGNETIC	1				

* NOT ILLUSTRATED

FIGURE 4



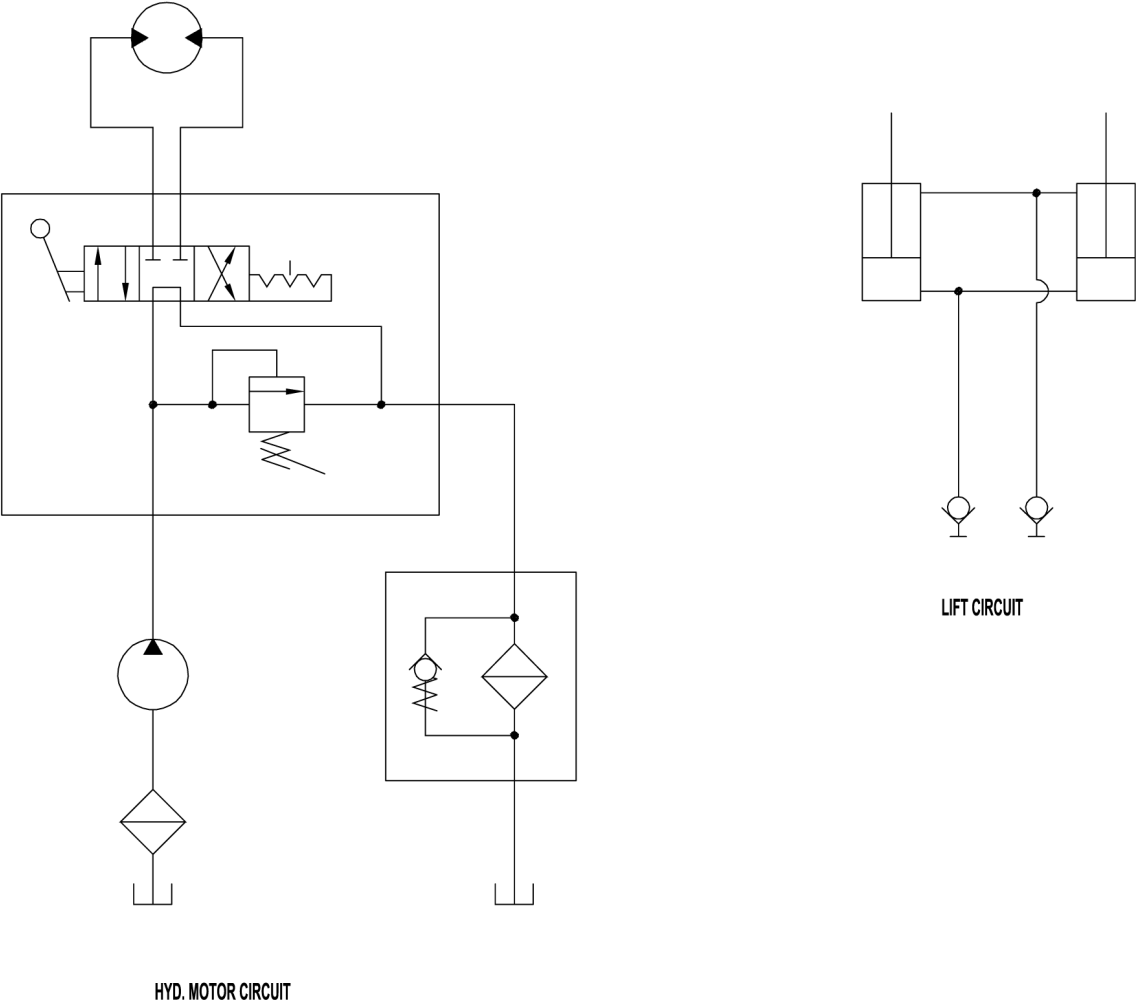
VERTICAL AUGER

DECALS

FIGURE 4

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4116761	LBL-MADE IN USA	1				
2	00-074	LBL-HYD OIL SYMBOL	1				
3	00-248	LBL-OIL LEVEL	1				
4	00-279	LBL-KEEP AWAY FRM AGR	1				
5	00-280	LBL-KEEP GUARD IN PLACE	1				
6	00-281	LBL-CALL BEFORE DIGGING	1				
7	00-282	LBL-CLOSE CLRNCE AREA	4				
8	00-283	LBL-STOP ENGINE BEFORE	1				
9	00-284	LBL-VLV CNTRL SYMBOLS	1				
10	00-285	LBL-TRANSPORT LATCH	1				
11	202525	LBL-CAUTION READ MAN	1				

FIGURE 5



VERTICAL AUGER

BELT CHART

FIGURE 6

STEINER BELT CHART												
MODEL	220	230	230 Diesel	235	410	415	420	430	440	425	525	UM428
Tractor PTO Belt	81-A034 W/O El Clutch 81-B033 W/EI Clutch	81-B033	81-B033	4165347	81-B039	81-B039	81-A038 SN: 1001-2999 81-B039 SN: 3000-5000	81-B039	4166636 5LX44	81-B042 W/O El Clutch 81-B040 W/EI Clutch	81-B042	81-B029
MR, MW, MD, MX, Rotary mowers	81-A040	81-A040	81-B041	81-B041	81-A040	81-A040	81-A040	81-A040	81-B041	81-B041	81-B041	81-B040
BM425	N/A	N/A	N/A	N/A	N/A	N/A	81-A040	81-A040	81-B041	81-B041	81-B041	N/A
Boom Mower	N/A	N/A	N/A	N/A	N/A	N/A	81-A040	81-A040	N/A	81-B041	81-B041	N/A
MC444	N/A	N/A	N/A	N/A	N/A	N/A	81-A040	81-A040	N/A	81-B041	81-B041	N/A
Tree Farm Mower	N/A	N/A	N/A	N/A	N/A	N/A	81-A040	81-A040	81-B041	81-B041	81-B041	N/A
RC466	81-A042 W/O El Clutch 81-A040 W/EI Clutch	81-A040	81-B041	81-B041	N/A	N/A	81-A040	81-A040	81-B041	81-B041	81-B041	81-B040
Rough Cut Mower	81-A045 W/O El Clutch	81-A043	81-B043	81-B043	N/A	N/A	81-A043	81-A043	81-B044	81-B044 W/O El Clutch 81-B042 W/EI Clutch	81-B043	81-B042
RM674 & 684	81-A043 W/EI Clutch	N/A	N/A	N/A	N/A	N/A	81-B041	81-B041	81-B041	81-B041	81-B041	81-B040
Reel Mowers	N/A	N/A	N/A	N/A	N/A	N/A	81-B050	81-B050	81-B050	81-B050	81-B050	81-B050
CS312	81-B050	N/A	N/A	N/A	N/A	N/A	81-B050	81-B050	81-B050	81-B050	81-B050	81-B050
Chipper Shredder	81-B050	N/A	N/A	N/A	N/A	N/A	81-B050	81-B050	81-B050	81-B050	81-B050	81-B050
GN10KW Generator	N/A	N/A	N/A	N/A	N/A	N/A	81-B050	81-B050	81-B050	81-B050	81-B050	81-B050
LD300 Loader	81-A042 W/O El Clutch 81-A040 W/EI Clutch	81-A040	81-B041	81-B041	81-A040	81-A040	81-A040	81-A040	81-B041	81-B041 W/O El Clutch	N/A	81-B040
PB100 & PB200	81-A043 W/O El Clutch	81-A043	81-B043	81-B043	N/A	N/A	81-A043	81-A043	81-B044	81-B044 W/O El Clutch 81-B042 W/EI Clutch	81-B043	81-B042
Power Blower	81-A045 W/O El Clutch	81-A040	81-B040	81-B040	81-A040	81-A040	81-A040	81-A040	81-B041	81-B041	81-B041	81-B040
PR348	81-A048 W/O El Clutch	81-A046	81-B046	81-B046	81-A046	81-A046	81-A046	81-A046	81-B045	81-B045	81-B045	81-B044
Power Box Rake	81-A048 W/O El Clutch	81-A046	81-B046	81-B046	81-A046	81-A046	81-A046	81-A046	81-B045	81-B045	81-B045	81-B044
RS350 small	81-A043 W/O El Clutch	81-A043	81-B043	81-B043	N/A	N/A	81-A043	81-A043	81-B044	81-B044 W/O El Clutch	81-B043	81-B043
Rotary Sweeper	81-A042 W/O El Clutch	81-A040	81-B040	81-B040	81-A040	81-A040	81-A040	81-A040	81-B041	81-B041 W/O El Clutch	81-B040	81-B040
RS454 large	81-A048 W/O El Clutch	81-A046	81-B046	81-B046	81-A046	81-A046	81-A046	81-A046	81-B045	81-B045	81-B045	81-B044
Rotary Sweeper	81-A048 W/O El Clutch	81-A046	81-B046	81-B046	81-A046	81-A046	81-A046	81-A046	81-B045	81-B045	81-B045	81-B044
SB348 Snowblower	81-A055 W/O El Clutch	81-A053	81-B054	81-B054	81-A053	81-A053	81-A053	81-A053	81-B054	81-B054 W/O El Clutch	81-B054	81-B053
SN:1001-1713	81-A053 W/EI Clutch	81-A051	81-B051	81-B051	81-A051	81-A051	81-A051	81-A051	81-B052	81-B053 W/O El Clutch	81-B051	81-B051
SB348 Snowblower	81-A053 W/O El Clutch	81-A051	81-B051	81-B051	81-A051	81-A051	81-A051	81-A051	81-B052	81-B053 W/O El Clutch	81-B051	81-B051
SN:1714-7570665***	81-A051 W/EI Clutch	4165834	4165850	4165850	4165834	4165834	4165834	4165834	105803 4165834	81-B051 W/EI Clutch	81-B051	81-B051
SB448 Snowblower	N/A	4165834	4165850	4165850	4165834	4165834	4165834	4165834	105803 4165834	81-B051 W/EI Clutch	81-B051	81-B051
SB454 Snowblower	N/A	4165834	4165850	4165850	4165834	4165834	4165834	4165834	105803 4165834	81-B051 W/EI Clutch	81-B051	81-B051
SC101 Stump Cutter	N/A	N/A	N/A	N/A	81-A043	81-A043	81-A043	81-A043	81-B044	81-B045 W/O El Clutch	81-B042	81-B042
TH300 Trencher	N/A	N/A	N/A	N/A	N/A	N/A	81-B050	81-B050	81-B050	81-B043 W/EI Clutch	81-B051	81-B050
TL348 Tiller	81-A042 W/O El Clutch 81-A040 W/EI Clutch	81-A040	81-B041	81-B041	81-A040	81-A040	81-A040	81-A040	81-B041	81-B041 W/O El Clutch	81-B041	81-B040
VA242	N/A	N/A	N/A	N/A	N/A	N/A	81-A027	81-A027	N/A	N/A	N/A	N/A
Vertical Auger	N/A	N/A	N/A	N/A	N/A	N/A	81-A027	81-A027	N/A	N/A	N/A	N/A

SCHILLER GROUNDS CARE, INC.
ONE BOB-CAT LANE
P.O. BOX 469
JOHNSON CREEK, WI 53038
920-699-2000
www.schillergc.com

