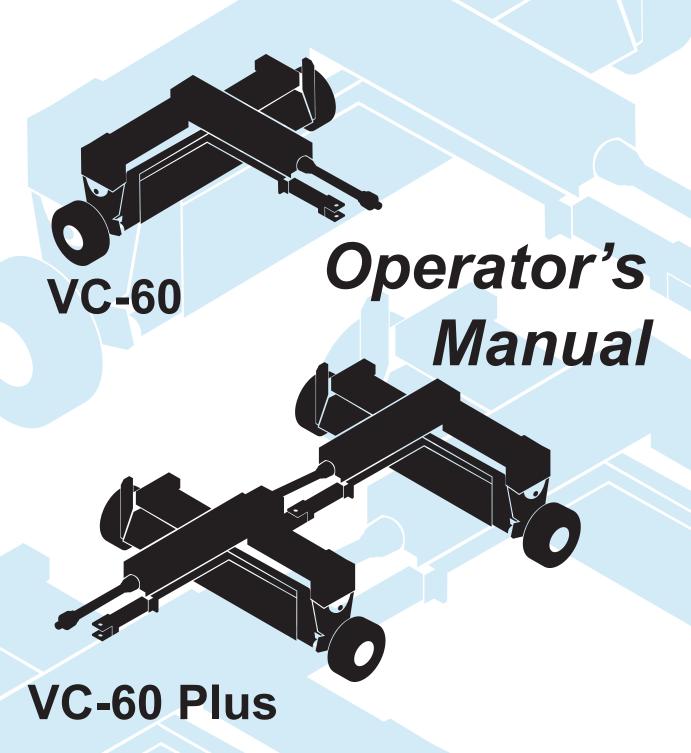


HARPER WERTI-CUTTER

Vertical Mower



Thank you for purchasing a Harper Industries, Inc. Verti-Cutter.

TO THE OWNER OR OPERATOR:

As with all Harper products, the Harper Verti-Cutter has been developed through tough design and testing procedures to provide a quality machine. This manual gives assembly, operating, and service information for the VC-60 and VC-60 Plus.

Please read and understand all instructional material included with the Verti-Cutter or its components before assembling and operating the equipment.

A vertical mower such as the Verti-Cutter can present hazards to an operator who follows unsafe procedures in either the operation or maintenance of the unit. Therefore, SAFETY WARNINGS are presented at certain locations in the text.

THIS SYMBOL:



SAFETY WARNING!



MEANING: Failure to understand and obey this warning may result in injury to you or others.

Whenever this symbol is used, please pay very close attention to the information presented, and make sure you fully understand. If you do not, contact your Goossen dealer or Harper Industries for clarification.



A SAFETY WARNING!



ALL SHIELDS AND GUARDS MUST BE IN PLACE FOR PROPER AND SAFE OPERATION OF THIS EQUIPMENT. WHERE THEY ARE SHOWN REMOVED IN THIS MANUAL. IT IS FOR PURPOSES OF ILLUSTRATION AND INSTRUCTION ONLY. DO NOT OPERATE THIS EQUIPMENT UNLESS ALL SHIELDS AND GUARDS ARE IN PLACE.

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The Harper name ais registered trademarks of Harper Industries, Inc. All other brand and product names are trademarks or registered trademarks of their respective companies.



LIMITED WARRANTY

The Harper Verti-Cutter is warranted against defects in workmanship and materials for a period of TWELVE MONTHS from the date of retail purchase to the original purchaser.

Harper Industries will repair or replace, at our option, any part that our examination shows to be defective. Warranty is limited to parts, labor and ground freight delivery of replacement parts. The user will pay freight charges for parts submitted under this warranty.

No product or part may be returned for warranty consideration without prior approval from Harper Industries. This warranty does not apply to parts subjected to misuse, abuse, alteration, improper or inadequate maintenance, or normal wear (including belts, chains and knives).

Harper Industries, its agents or representatives, make or imply no other warranties. Contact Harper Industries with any questions regarding this warranty.

RECORDS

Date of Purchase//
Dealer's Name
Dealer's Phone
Dealer's Phone
Serial Number Machine
Serial Number Engine



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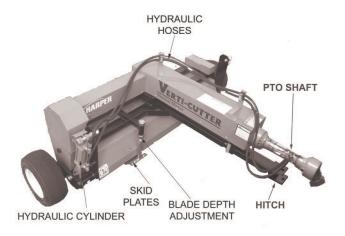
Specifications

Model	VC-60 & VC-60 Plus
Swath	60"
Blades	40 - 12 gauge / 10 point / 12" diameter blades
Blade Spacing	1.5" standard, 2" or 2.5" spacing is optional
Blade Shaft Rotation	VC-60 – forward rotation
	VC-60 Plus – front unit: forward rotation
	rear unit: backward rotation
Blade Depth	0" to 1"
Blade Depth	Large jacking bolts on no maintenance skids
Adjustment	
Draw Bar	Two position adjustable tow bar
Hitch	Adjustable quick pin tag along
Drive	540 RPM PTO to gear box, sprockets with #60
	chain to blade shaft with shear bolt
Required Horsepower	25 to 45 hp
Transport System	Single hydraulic lift cylinder with E-Z ram lock, quick
	disconnect from tractor auxiliary valve
Tires	2 – foam-filled 16 x 6.50 x 8
Frame	All-welded steel construction
Weight	800 lbs
Dimensions	Length - 62" Height - 38" Width - 89"

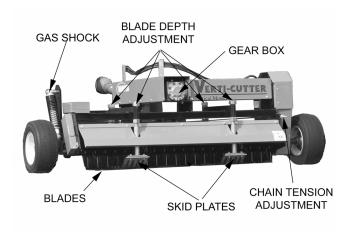
Harper Industries, Inc. is continually striving to improve the design and performance of its products. We reserve the right to make changes in specifications and design without thereby incurring any obligation relative to previously manufactured products.



Control Identification







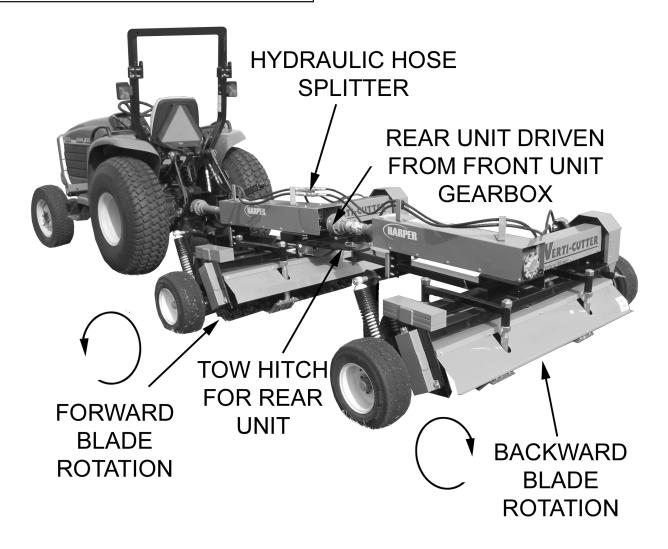
VC - 60

- **PTO SHAFT** transfers power from the tractor to the Verti-Cutter.
- **SKID PLATES** control depth of blades and prevents the blades from gauging.
- **HITCH** connects to tractor draw bar with standard 3/4" hitch pin.
- **BLADE DEPTH ADJUSTMENT** adjusts the height of the skids which controls the depth of the blades.
- **HYDRAULIC CYLINDER** lifts the blades for transport.
- **HYDRAULIC HOSES** provide power to raise and lower the blades. They are connected to the tractor hydraulic remotes.
- RAM STOP secures cylinder ram in extended position for transport.

 ALWAYS USE RAM STOP WHEN TOWING VERTICUTTER.
- **GAS SHOCK** puts pressure on the axle which reduces the drag of the skids.
- **GEARBOX** transfers power from PTO shaft to chain drive with a 90° turn.
- **BLADES** rotate forward to de-thatch and aerate turf.
- **CHAIN TENSION ADJUSTMENT** adjusts the tension on the chain.



VC - 60



FRONT UNIT – PTO driven from the tractor.

The blades are forward rotating. A tow hitch is attached to its frame in order to pull the rear unit. The gearbox has an output shaft to power the rear unit.

BLADE ROTATION – The forward blade rotation of the front unit and the backward blade rotation of the rear unit work together to more thoroughly dethatch and aerate the turf. REAR UNIT – PTO driven from the front unit.

The rear unit is the same as the VC-60 expect that it has a shorter PTO shaft and a reverse rotation gearbox which reverses the blade rotation.

HYDRAULIC HOSE SPLITTER – provides outlets for hydraulic hoses on rear unit.

Safety Guidelines



SAFETY WARNING!



Use genuine factory parts or parts with equivalent characteristics, including type, strength and material. Failure to do so may result in product malfunction and possible injury to the operator and/or others.

- Replace locknuts and locking screws if you can tighten them without feeling considerable resistance for several turns before they are completely tight.
 Replace them with factory authorized parts or their equivalent.
- If hardware is not secure, or if some of the hardware is over-tightened, equipment failure may result, posing possible safety hazards.
- To prevent possible eye injury, always wear SAFETY GLASSES while operating and servicing the equipment.

Guards & Shields

 Keep the equipment and attachments in good operating condition, and keep all safety devices in place. Replace all worn, damaged, unusable, missing or lost safety shields and guards before operating the equipment.

Safety Decals

- If safety related or instructional decals become illegible or are removed, re place them immediately.
- If you replace parts that have such decals attached to them, make sure the decals are replaced with current versions, and that the decals are on the replacement parts before the machine is operated again.

 New decals may be obtained from your local Harper/Goossen Dealer.

Equipment & Controls

- Altering this equipment in any manner which adversely affects its operation, performance, durability, or use will void the warranty and may cause hazardous conditions.
- Know the location and function of all controls and how to stop this equipment quickly in an emergency. Read and understand the owner's manual before you operate the equipment.
- Keep all nuts, bolts and screws tight to help ensure safe operation of this equipment.

Before Operation

- Before operating this equipment, read and understand the Owner's Manual.
- Do not allow children to operate this machine.
- Never operate this machine in the vicinity of bystanders.
- Before servicing or inspecting the machine, make certain that the power source is shut down, make certain all moving parts have stopped and disconnect the spark plug or PTO shaft.
- Never allow hands, clothing or any part of the body near the blades or moving parts.
- Avoid wearing loose-fitting clothing.

Safety Guidelines

 Wear approved eye and ear protection while operating the machine.



- The machine should be operated on levelsurfaces only.
- Before starting the machine, visually inspect all nuts, bolts and other fasteners to see that they are properly secured. Nuts, bolts and other fasteners should be checked every 8 to 10 hours of operation for proper alignment and tightness.

Operation

- Make certain the blades are clear of debris before starting the machine.
- If a foreign object should strike the blades of the machine and cause an unusual noise or vibration, shut the engine or PTO off immediately and allow it to come to a complete stop. Disconnect the spark plug wire from the spark plug, or PTO from the power unit, and then do the following:
 - 1. Inspect for damage.
 - 2. Repair or replace any damaged parts.
 - 3. Check for and tighten any loose bolts, nuts, fasteners or parts.
- Keep debris or foreign material from building up in the mower, as this may inhibit proper operation or cause poor performance.
- Keep all safety shields and guards in place and in good working condition.
- Keep your face and all body parts awayfrom moving parts.
- Stay away from the discharge area when machine is in operation.
- If the vertical mower should become clogged, shut off the engine or PTO and allow it to come to a complete

- stop. Disconnect the spark plug wire from the spark plug or PTO shaft before clearing debris.
- Do not allow hands, clothing or any part of the body to enter near any moving parts.
- Replace damaged or missing safety decals.
- Keep hands, feet and clothing away from PTO driven parts.
- Keep all guards and shields in place during operation. Disengage PTO and shut off the engine before removing guards or shields.
- Never attempt to adjust, clean or lubricate the machine while PTO is connected to tractor.
- Operator should never wear loose clothing when working around PTO.
- Before starting tractor, make sure that the transmission and PTO are disengaged.
- Make sure the tractor's engine is at idle speed before engaging the PTO.

Transport

- Always use the ram stop when towing the Verti-Cutter.
- SPEEDS SHOULD NOT EXCEED 10
 MPH FOR MORE THAN 2 MINUTES
 WHEN TOWING VERTI-CUTTER.
- The Verti-Cutter should be transported on a trailer when moving distances greater than 2 miles.



Hook Up & Operation



SAFETY WARNING!



- Wear approved eye and ear protection while operating the Verti-Cutter.
- Keep all guards in place during operation. Never operate the vertical mower with safety shields removed.
- Before operating the machine, check to ensure that the chain is tight to prevent the chain from slipping off the sprockets.
- Keep clothing and all body parts away from rotating parts.
- Never operate the vertical mower beyond the suggested 540 PTO speed.

IMPORTANT: To avoid damage to the machine, lawn or pavement, always raise blades into transport position when moving from one location to another.

Hook Up

- Mount Verti-Cutter to hitch of tractor and connect PTO shaft to tractor out put shaft.
- Connect hydraulic hoses to auxiliary connections on tractor.
- 3. With the tractor and unit on level ground, adjust so that the skid plates are parallel to the ground. This allows the Verti-Cutter to glide smoothly over turf. The hitch can also be adjusted to adjust for different tractor hitch heights.

Starting Operation

- 1. Engage PTO lever on the tractor AT IDLE SPEED of the tractor.
- 2. Lower machine with lever on tractor that controls auxiliary hydraulics and place in "float" position.
- 3. Increase tractor engine speed to rated operating RPM and begin operation of the vertical mower.

Stopping Operation

- 1. Move throttle on tractor to the slow position and disengage the PTO lever on the tractor.
- 2. Shut off the tractor engine and allow the machine to come to a complete stop.
- 3. If it is necessary to inspect or service the Verti-Cutter, always disengage the PTO and shut off the tractor before doing so.

NOTE: On initial operation of the machine, the chain may stretch and need readjused after the first hour of use. When re-adjusting chain tension, use a straightedge across the faces of the sprockets to make sure they are properly aligned and the chain will run true.

Tips for Successful Operation

- Rake across slopes, never up and down.
- Use caution when changing direction on slopes.
- Avoid raking very steep slopes or areas where safety might be in doubt.
- Do not rake water-soaked lawns. This will pull turf off the surface.
- Mow tall grass before raking.



Adjustments

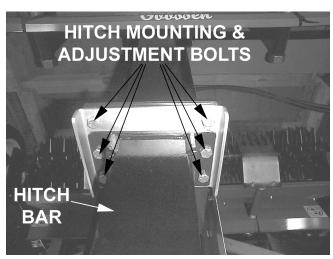
Blade Depth



The skid plate height determines the cutting depth of the blades.

- Tighten or loosen the nuts on the skid plate height adjustment to raise or lower the blades.
- Make sure both skid plates are adjusted equally and parallel to the ground to get an even cut and ensure the unit glides smoothly.

Level Hook Up

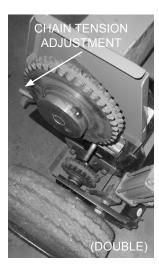


Level hook up between the Verti-Cutter and the tractor will prevent the skid plates from digging into the ground.

- The hitch bar is adjusted up or down depending on which holes it is bolted into.
- The hitch can be mounted in the top two holes to raise the hitch position or the bottom two holes to lower the hitch position.
- The position of the hitch depends upon the height of the tractor hitch.

Chain Tension





Check the condition of drive chain before each use or after every 25 hours of operation.

 Adjust chain by moving tensioner adjustment nut to achieve proper tension.

NOTE: Do not over-tighten chain. Excessive tension can cause premature bearing and chain failure.

NOTE: Use a straightedge to check alignment across the faces of sprockets after adjusting chain tension to ensure that the chain will run true.



Service & Maintenance



SAFETY WARNING!



- Before servicing or inspecting the Verti-Cutter, make sure the power source is shut off and all parts have stopped moving.
- Disconnect the PTO shaft from the tractor.
- Always wear safety glasses and protective gloves when servicing the vertical mower.

Break-in Service After the first hour of use:

- Check chain. Tighten if needed.
- Tighten set screws on bearings.
- Check nuts, bolts and fasteners to see that they are secure.

Lubrication Grease every 10 hours:

2 bearings on axle

Grease every 40 hours:

- 2 bearings on blade shaft
- 2 U-joints on PTO shaft

NOTE: Follow the recommended greasing requirements to ensure long life for bearings and joints.

Standard Torque Chart

Size	lnlb.	Ftlb.	N-m
No. 10-24	25-35	5-7	2.8-4.0
1/4 in.	60-80	18-20	7-9
5/16 in.	120-140	28-30	14-16
3/8 in.	340-360	64-74	24-27
1/2 in.		126-150	90-100

NOTE: When tightening two or more screws or bolts on the same part, DO NOT tighten screws completely right away, or one at a time. To avoid distortion, first tighten all screws in sequence to onethird of torque value, then tighten to twothirds of torque value, then tighten to full value.

Troubleshooting

Probelem	What to Check
Chain comes off	Tension adjustment.
	 Load may be
	excessive
	 Bearings may have
	seized
Chains wears	Sprockets may not be
rapidly, jump,	be properly aligned
catches or twists.	Check sprockets w/
	straightedge across
	faces of sprockets.
Skid plates dig into	 Verti-Cutter may not
the ground	be hooked up level
	w/ tractor
	Skid plates may not
	be adjusted level w/
	ground.

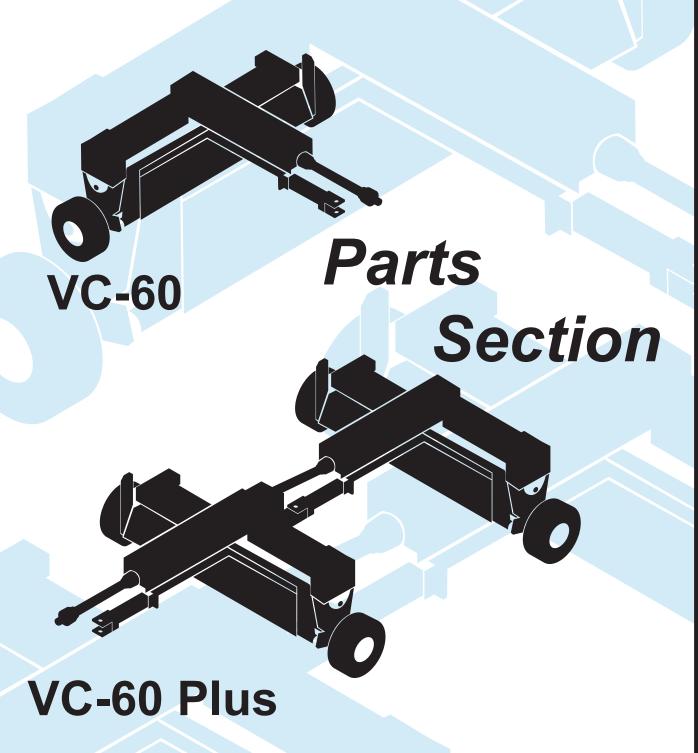




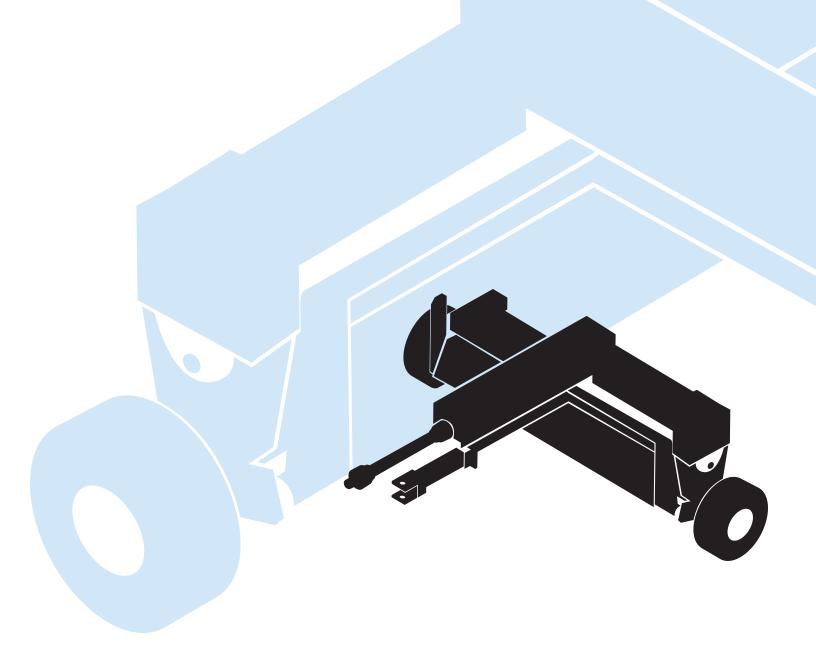


HARPER WERTI-CUTTER

Vertical Mower



VC -60 PARTS



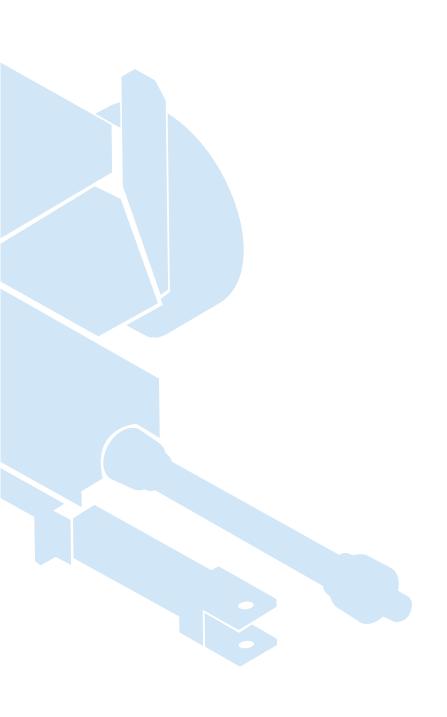
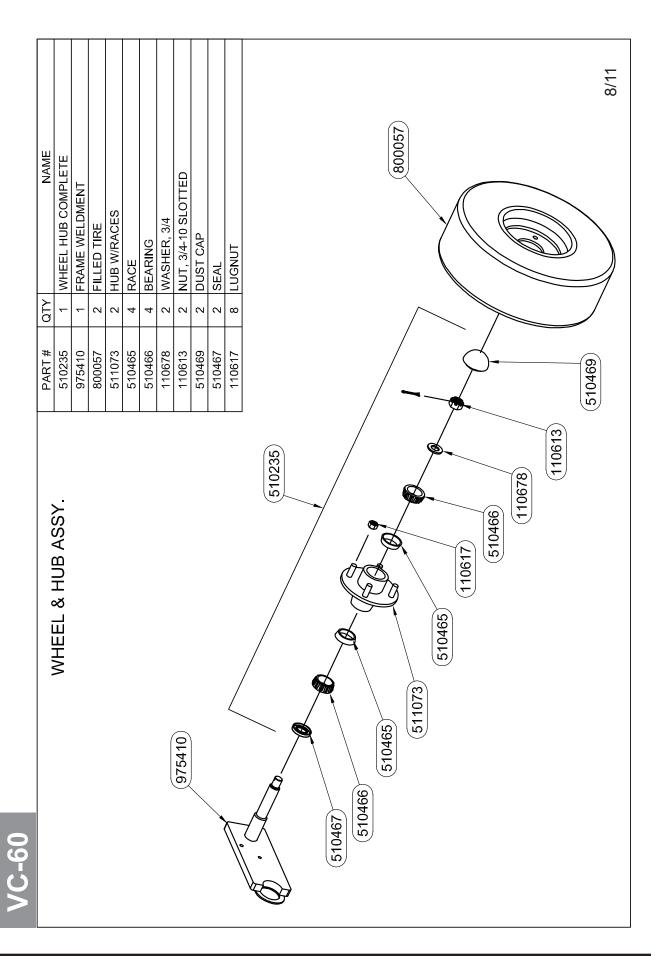


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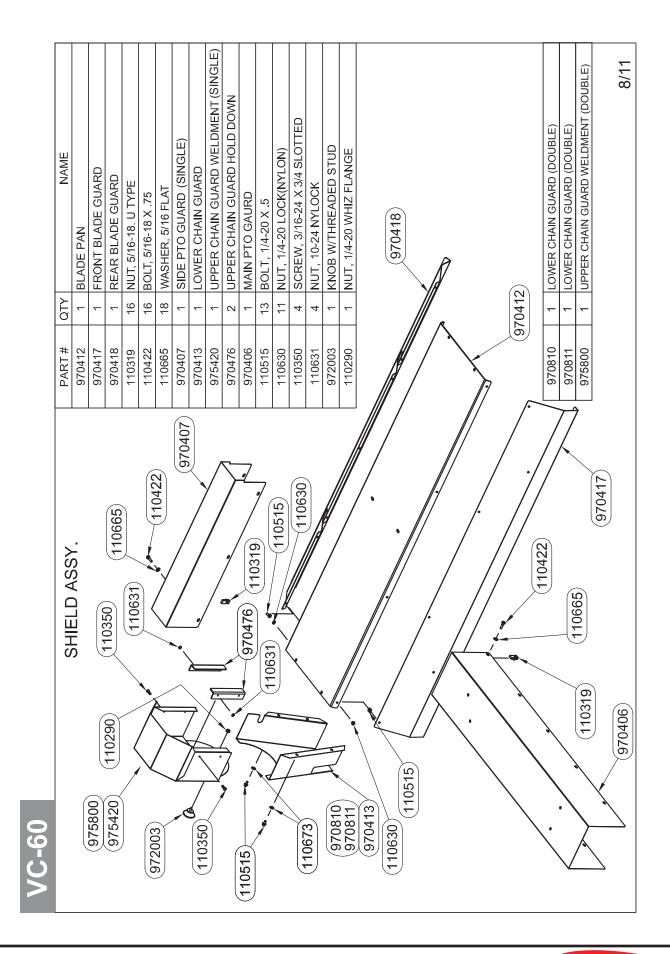
8-11 Verify gearbox manufacturer SPROCKET, 6015B 1-1/4 2KSS (SINGLE) before ordering part number. SPROCKET, 6028B 1-1/4 2KSS (SINGLE) FRONT DRIVE SHAFT - 28"(CURT. &WEAS.) 02A01 - 02A03 use 943018 FRONT DRIVE SHAFT - 26" (SUPERIOR) 02A04 - 02A20 use 943014 03A01 - above use 943024 CUTTING BLADE, CORTEN STEEL10 GA SERIAL NO. BREAKS: CHAIN, 60 ROLLER W/ CONN. LINK BEARING, SLAT DRIVE 1.25 SHAFT *VC-60 GEARBOX SPROCKET, 6011E10 5/8" IDLER GEAR BOX (SUPERIOR) TEE CHAIN ADJUST WELDMENT IDLER SPROCKET SPACER PTO SHAFT SERIES 4 (VC) GEAR BOX (WEASLER) KEY, 5/16 X 5/16 X 1.25 NAME GEAR BOX (CURTIS) WASHER, 5/8 LOCK WASHER, 1/2 LOCK WASHER, 1/2 FLAT SIDE DRIVE SHAFT BLADE ASSEMBLY BOLT, 1/2-13 X 1.5 KEY, 1/4 X 1/4 X 1 BOLT, 1/2-13 X 1 **U-JOINT 1-1/4** NUT, 1/2-13 NUT, 5/8-1 110429 (110666) 410928 Q T 9 ω ω ω S 943018* 943014* 943024 * 110610 940114 975419 110429 110655 943016 940115 PART# 510228 410389 410928 943036 110666 970425 942102 942103 940026 110086 940118 970401 110610 975401 110597 942092 110658 IDLER SPROCKER SPACER (DB) LOWER SPROCKET (DOUBLE) UPPER SPROCKET (DOUBLE) CHAIN 60 ROLLER (DOUBLE) 110610 110666 110086 943024 943014 943018) CONN. LINK (DOUBLE) 975419 970401 110658 (110658) 510228 110610 (110666)975401 943016 940118 (940115) 110650 970425 943016 510228 110610 942102 က 110666 110610 410928 110666 942013 140021 112031 942214 110650 110429 510228 110429 110655 (510228)(942092) 942013 (110597) 410928 940114 (110610) SHAFT ASSY. 942214 942103 410928 410389 110666 110429) 943036 940026 140021 112031

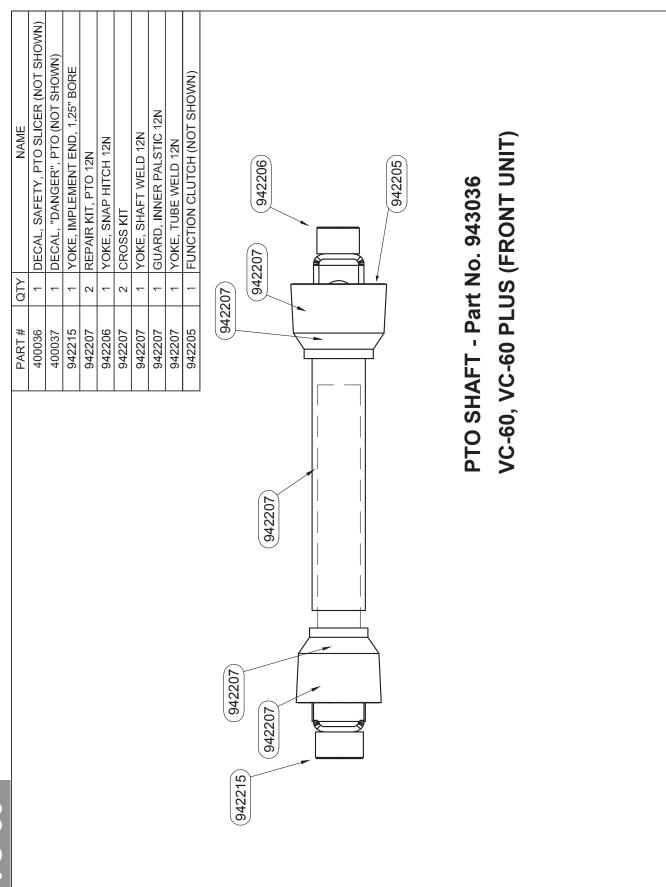


8-11 9 HEX JAM, 1.75-5, 2 TAPPED HOLES BOLT, 3/8-16 X 3/4 SET SCREW BLADE SHAFT, VERTICUTTER NAME CUTTING BLADE, 10 GA INSIDE BLADE SPACER LOCK COLLAR, 2 BOLT BLADE SPACER, 2.0" NUT, 3/8-16 JAM 970805 970803 PART# 970401 110107 970475 970400 110325 110332 QTY 40 39 ITEM 2 က 4 2 9 ∞ NOTE: TIGHTEN DOWN THE 1.75 NUT UNTIL A SETSCREW HOLE IS LINED UP WITH A FLAT FACE ON THE SHAFT, THEN TIGHTEND DOWN THE SET SCREW AND JAM NUT. (2) ထ 2 4 (\mathcal{C})

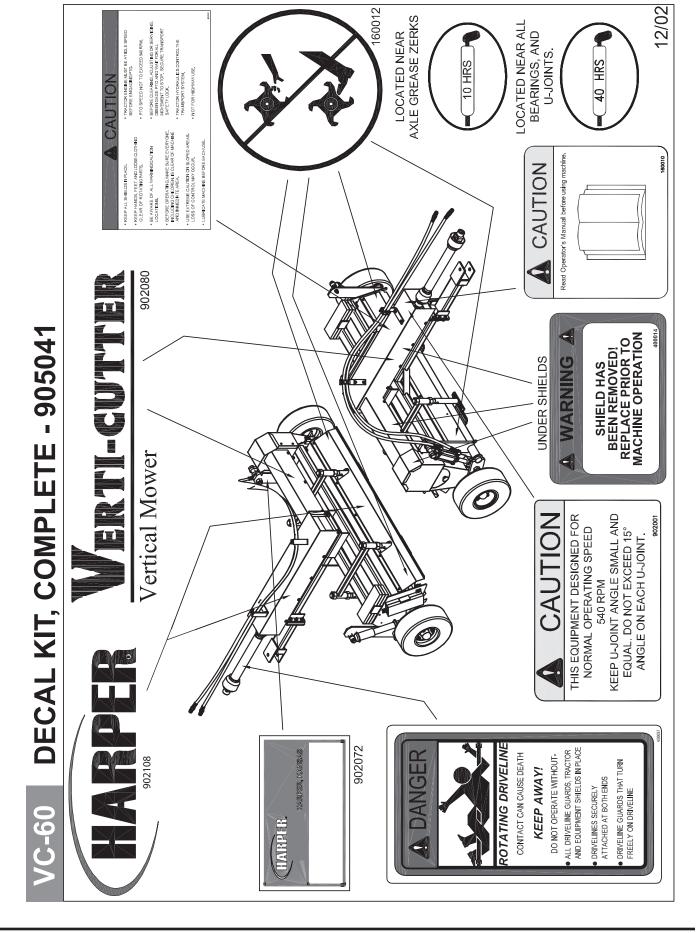






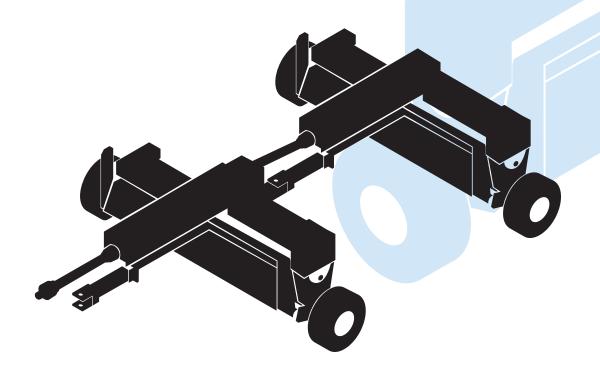


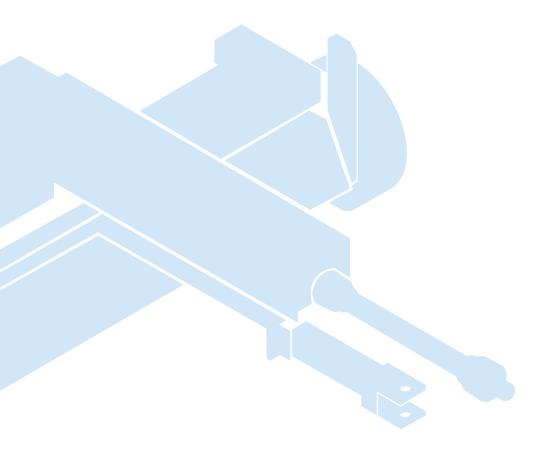






VC -60 PLUS PARTS





7C-60 PLUS FRONT UNIT

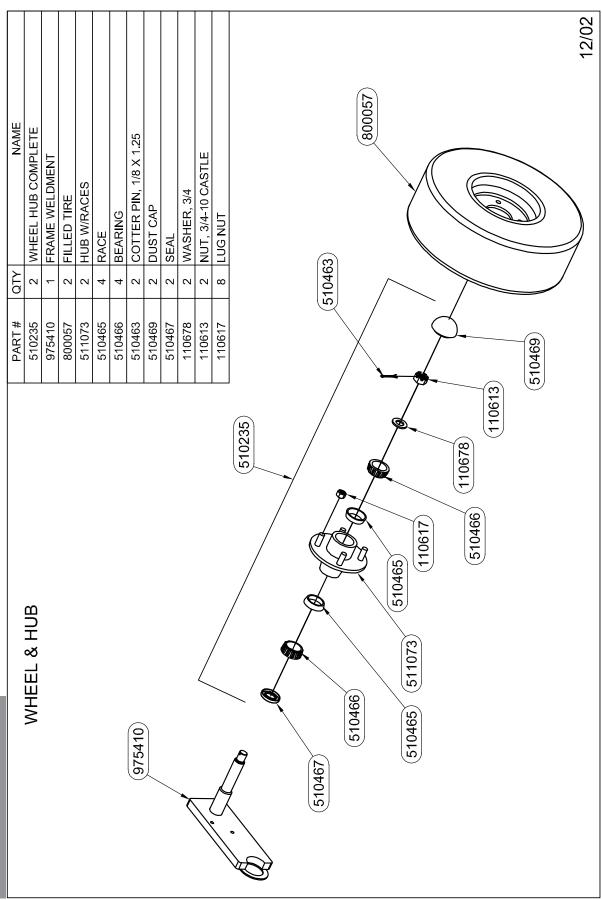
Rear unit frame is same as front unit frame except for absence of rear hitch assembly.)

8/11 TOP COUNTERWEIGHT WELDMENT SIDE COUNTERWEIGHT WELDMENT REAR HITCH, VC PLUS FRONT UNIT SHOCK, GAS W/HELPER SPRING WASHER, FLAT .375 STANDARD LOWER SHOCK MNTG. BRKT. NAME CHAIN ADJUSTER PLATE UPPER SHOCK SPACER HITCH ABR WELDMENT SKID POST WELDMENT BOLT, 7/16-14 X 1.25 WASHER, 7/16 LOCK FRAME WELDMENT WASHER, 3/8 LOCK WASHER, 1/2 LOCK BOLT, 7/16-14 X 1.5 ADJUSTER PLATE WASHER, 1/2 FLAT BOLT, 3/8-16 X 1.5 BOLT, 1/2-13 X 2.5 BOLT, 1/2-13 X 5.0 HITCH RETAINER BOLT, 1/2-13 X 4 BOLT, 3/8-16 X 1 NUT, 7/16-14 SKID PLATE NUT, 1 1/4-7 NUT, 3/8-16 NUT, 1/2-13 OT< 16 ∞ 4 9 16 9 4 9 ∞ 9 9 110610 110420 PART# 975408 975409 970439 110612 110672 110333 110610 970409 972013 110658 970426 110003 110676 975425 110512 110420 110666 110641 110539 970484 975403 110403 110671 975410 970491 970436 110535 975407 110435 110420 110672 110003) 975409 110435 110435 975408 110672) 110512 110612 (924026) 110672 110612 975425 (110658)110658 970436 (110666)(972013)110403 970484 FRAME ASSY. 970491 110666 110333 110671 110641) (110610)975410 110672) 110676 110420 110333 975403 110612 110672) 110420 110539 970409 970439) 110535 975407



& REAR UNIT

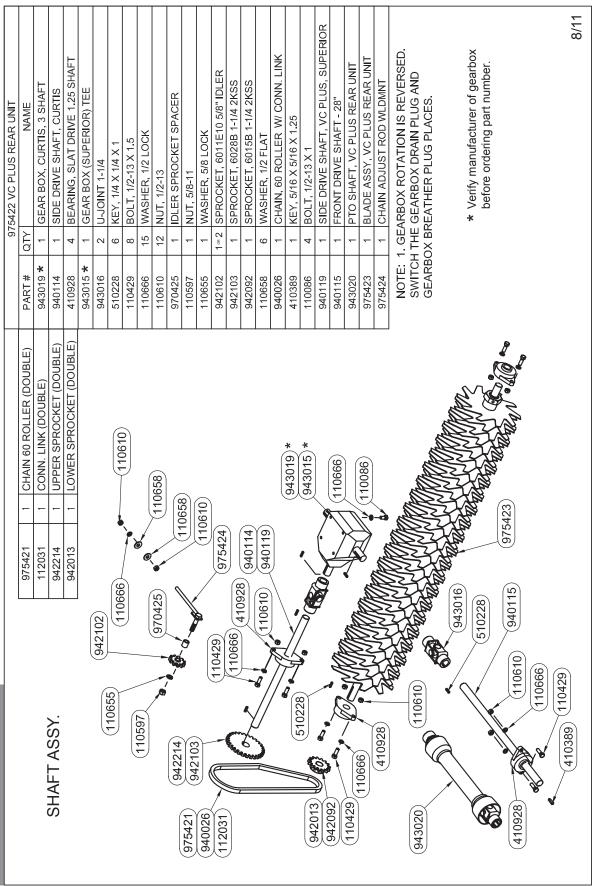
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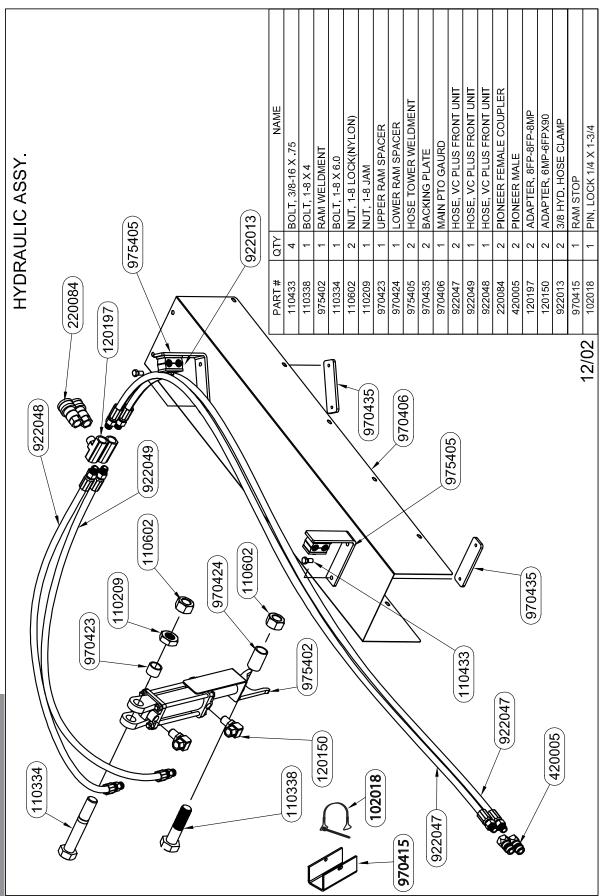
Verify manufacturer of gearbox before ordering part number. 8/11 SIDE DRIVE SHAFT, VC PLUS, SUPERIOR BEARING, SLAT DRIVE 1.25 SHAFT CHAIN, 60 ROLLER W/ CONN. LINK SPROCKET, 6011E10 5/8" IDLER SPROCKET, 6015B 1-1/4 2KSS SPROCKET, 6028B 1-1/4 2KSS GEARBOX, CURTIS, 3 SHAFT SIDE DRIVE SHAFT, CURTIS GEAR BOX (SUPERIOR) TEE CHAIN ADJUST WELDMENT IDLER SPROCKET SPACER PTO SHAFT SERIES 4 (VC) FRONT DRIVE SHAFT - 28" KEY, 5/16 X 5/16 X 1.25 WASHER, 5/8 LOCK WASHER, 1/2 LOCK WASHER, 1/2 FLAT BLADE ASSEMBLY BOLT, 1/2-13 X 1.5 KEY, 1/4 X 1/4 X 1 PUMP ADAPTER BOLT, 1/2-13 X 1 U-JOINT 1-1/4 NUT, 1/2-13 NUT, 5/8-11 110429 1 8 2 ΩT 3 (110666) 9 (410928) 943019* 943015* 940115 975419 942103 110658 110610 975401 110597 942102 942092 410389 110086 PART# 943016 940119 940114 410928 943017 510228 110429 110666 970425 110655 940026 942142 110610 IDLER SPROCKET SPACER (DB) UPPER SPROCKET (DOUBLE) LOWER SPROCKET (DOUBLE) CHAIN 60 ROLLER (DOUBLE) CONN. LINK (DOUBLE) 942142 943019 943015) 110666) 110086 110610 975419 110658 (510228)110658 (110610) (975401) (110610) (510228)FRONT UNIT 940119 (940114) (110666 942214 975421 112031 110650 (510228)943016 940115 510228 970425 110650 942102 943016 110610 (110666)(110666) 110429 (410928) 510228 110655 110429 (510228)(110597) C-60 PLUS 410928 SHAFT ASSY. (110610) 942214 (410928)942103 410389 942013 (110666)110429) (940026)942092 975421 943017 112031

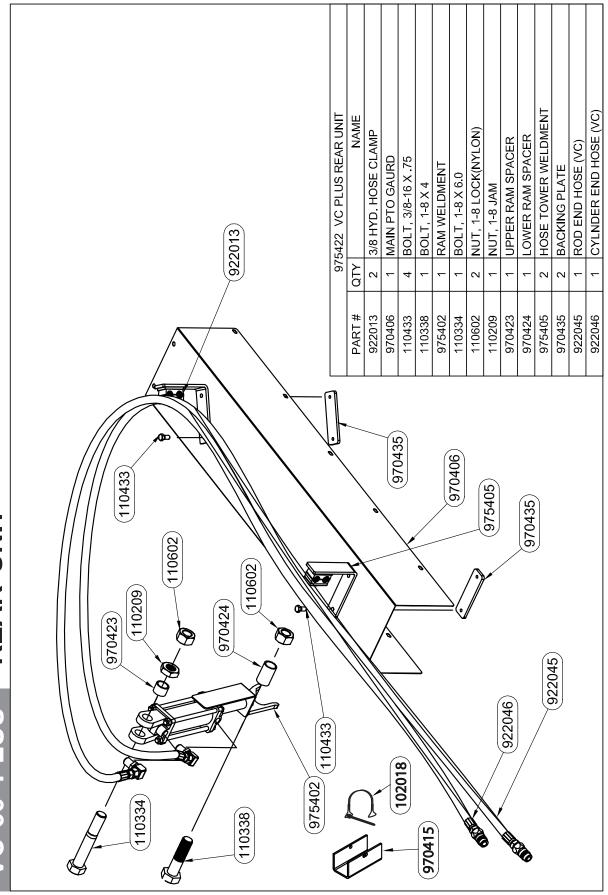
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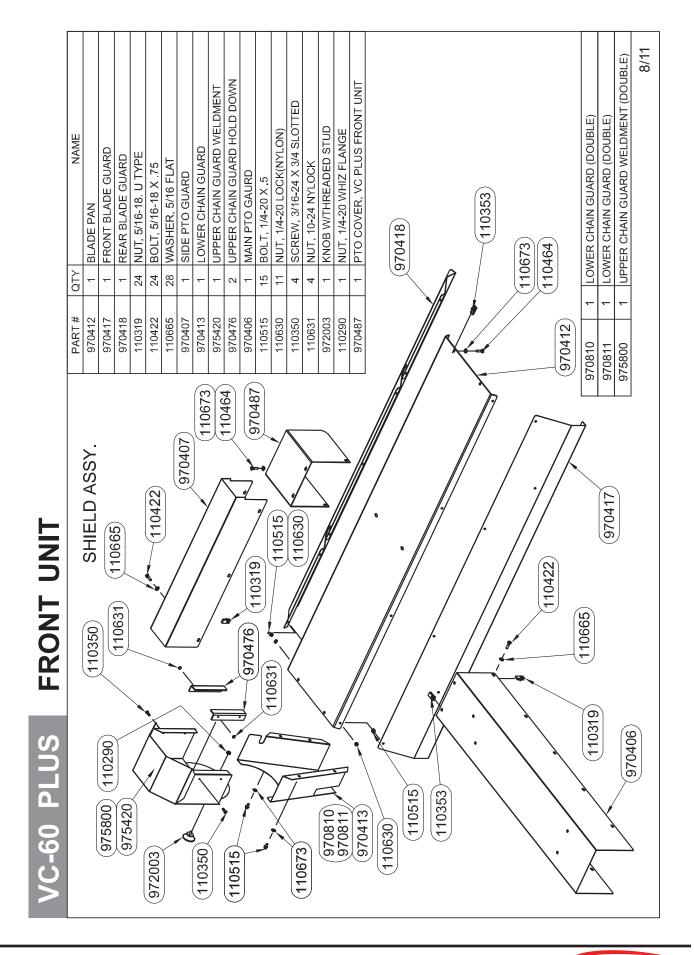
REAR UNIT



FRONT UNIT /C-60 PLUS







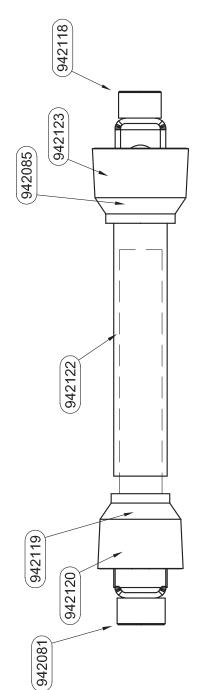
UPPER CHAIN GUARD WELDMENT (DOUBLE) 8/11 UPPER CHAIN GUARD HOLD DOWN GEARBOX SHAFT COVER WLDMNT UPPER CHAIN GUARD WELDMENT SCREW, 3/16-24 X 3/4 SLOTTED LOWER CHAIN GUARD (DOUBLE) LOWER CHAIN GUARD (DOUBLE) KNOB W/THREADED STUD NUT, 1/4-20 LOCK(NYLON) NUT, 1/4-20 WHIZ FLANGE GEARBOX SHAFT COVER 975422 VC PLUS REAR UNIT BROOM MOTOR SPACER NAME NUT, 1/4-20 TINNERMAN LOWER CHAIN GUARD FRONT BLADE GUARD REAR BLADE GUARD BOLT, 5/16-18 X 1.25 NUT, 10-24 NYLOCK WASHER FLAT, 1/4 MAIN PTO GAURD SIDE PTO GUARD BOLT, 1/4-20 X 5 BOLT, 1/4-20 X 1 **BLADE PAN** OT N PART# (970230)**REAR UNIT** (110673) (110464) 970476) C-60 PLUS (110350)970811



VC-60 PLUS

FRONT & REAR UNIT

PART#	QTY	NAME
400036	1	DECAL, SAFETY, PTO SLICER (NOT SHOWN)
400037	1	DECAL, "DANGER", PTO (NOT SHOWN)
942081	_	YOKE, IMPLEMENT END, 1.25" BORE
942085	2	REPAIR KIT, PTO 12N
942118	1	YOKE, SNAP HITCH 12N
942119	2	CROSS KIT
942120	_	YOKE, SHAFT WELD 12N
942122	1	GUARD, INNER PALSTIC 12N
942123	_	1 YOKE, TUBE WELD 12N



PTO SHAFT - Part No. 943020

VC-60 PLUS (REAR UNIT)

NOTE: 1. 943020 CAN BE MADE FROM 943036 BY CUTTING 3 INCHES OFF THE ENDS OF BOTH TUBES.

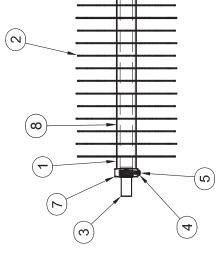
FRONT & REAR UNIT

SNTO 09-0/

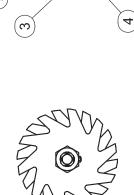
NOTE: TIGHTEN DOWN THE 1.75 NUT UNTIL A SETSCREW HOLE IS LINED UP WITH A FLAT FACE ON THE SHAFT, THEN TIGHTEND DOWN THE SET SCREW AND JAM NUT.

ITEM	TEM QTY	PART#	NAME
_	_	970420	BLADE SPACER, 2.0"
2	40	970401	CUTTING BLADE
3	_	970400	BLADE SHAFT, VERTICUTTER
4	_	110107	NUT, 3/8-16 JAM
2	_	110325	BOLT, 3/8-16 X 3/4 SET SCREW
9	_	110332	LOCK COLLAR, 2 BOLT
7	1	970475	HEX JAM, 1.75-5, 2 TAPPED HOLES
8	39	970803	INSIDE BLADE SPACER





(0)



NOTE: BLADES ARE FLIPPED OVER ON REAR UNIT FOR REVERSE ROTATION.



160008 12/02 160012 COMPLETE DECAL KIT - 905041 160007 LOCATED NEAR AXLE GREASE ZERKS - 2 LOCATED NEAR ALL BEARINGS, AND U-JOINTS - 6 10 HRS 40 HRS PTD SPEED NOT TO EXCE CAUTION FRONT & REAR UNIT DECAL LOCATIONS (ONE PER UNIT) USE EXTREME CAUTION ON SLOPET LOSS OF CONTROL MAY OCCUR. LUBRICATE MACHINE BEFORE EACH Read Operator's Manual before using machine 160010 CAUTION KEEP HANDS, FEET AND LO CLEAR OF ROTATING PARTS BE AWARE OF ALL WARNIN LOCATIONS. 902081 902080 ERTI-CULTER SHIELD HAS BEEN REMOVED! REPLACE PRIOR TO MACHINE OPERATION 400014 UNDER SHIELDS WARNING Vertical Mower THIS EQUIPMENT DESIGNED FOR NORMAL OPERATING SPEED KEEP U-JOINT ANGLE SMALL AND EQUAL. DO NOT EXCEED 15° 902001 ANGLE ON EACH U-JOINT. 540 RPM C-60 PLUS ROTATING DRIVELINE ALL DRIVELINE GUARDS, TRACTOR AND EQUIPMENT SHIELDS IN PLACE 600091 902072 DANGER CONTACT CAN CAUSE DEATH DO NOT OPERATE WITHOUT-DRIVELINE GUARDS THAT TURN KEEP AWAY! DRIVELINES SECURELY ATTACHED AT BOTH ENDS FREELY ON DRIVELINE HARPER



NOTES



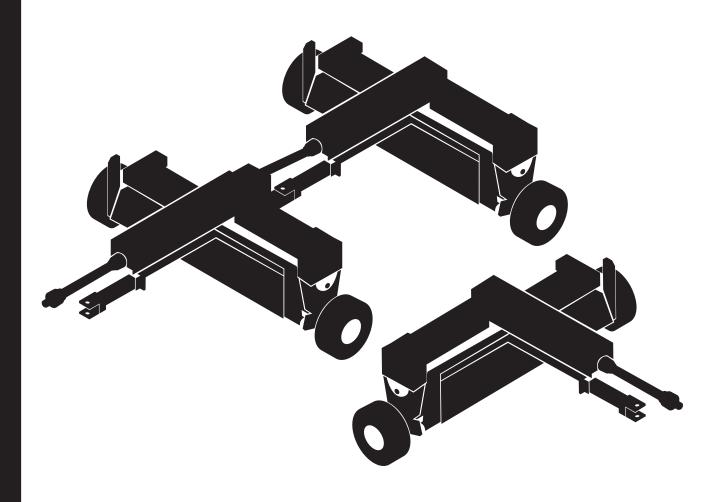
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