

NEW HOLLAND

OPERATOR'S MANUAL

Grass Collector Attachment
for Compact Tractors
with 54 & 60 inch
914A Class I & II Mowers



INTRODUCTION

TO THE OWNER & OPERATOR

Congratulations on your decision to purchase a NEW HOLLAND Grass Collector. May we recommend you read this manual before installing or operating your grass collector.

The Grass Collector has been designed to give many years of satisfactory service. Successful operation and long life depends on proper maintenance and correct operating technique.


This Operator's Manual has been printed to provide you with safe operating techniques, proper maintenance procedures, correct unit assembly, and parts identification on your Grass Collector. Please read this manual carefully, following all instructions. Keep this manual handy for future reference.

All references to right and left, forward or rearward, in this manual, refer to that direction when seated on the tractor seat facing forward.

Should any assistance be required in understanding any section of this manual, contact your NEW HOLLAND Dealer.

IDENTIFICATION NUMBERS

Locate the Grass Collector serial number plate and record the numbers from it on the pictured plate below. Always refer to this information when requesting repair parts or dealer service.

 NEW HOLLAND	
MODEL NO.	SERIAL NO.
○	○
COMPONENT	
NEW HOLLAND NORTH AMERICA, INC. MADE IN U.S.A.	

Contact your NEW HOLLAND Dealer for authorized service parts. Substitute repair parts will void the product warranty, and will not meet the standards required for safe operation.

TABLE OF CONTENTS

INTRODUCTION	1
To the Owner Operator	1
Identification Numbers	1
SAFETY PRECAUTIONS	3
Before Operation	3
During Operation	3
Maintenance	3
Transporting & Storage	3
OPERATING INSTRUCTIONS	4
General Bagging Information	4
Clearing Plugged Ducts	5
Emptying Grass Bags	5
MAINTENANCE	6
Cleaning Procedures	6
Replacing the Cloth Bags	6
Lubrication	6
Grass Collector Belt Adjustments	7
Gearbox Seal Replacement	8
Gearbox Rebuilding	9
BOLT TORQUE CHART	10
ASSEMBLY INSTRUCTIONS	11
Installing the Blower	11
Installing the Collector	15
Installing the Grass Bags	19
PARTS ILLUSTRATIONS	21
Rear Frame & Bag Group	22
Cover & Chute Group	24
Blower, Mount, Duct & Drive Group	26
Blower Housing, Group "A"	28
Blower Housing, Group "B"	30
Blower Housing, Group "C"	32
Gearbox Parts Group	34
SAFETY DECALS	36
Safety Decal Locations	36
Care of Safety Decals	36
PRE-DELIVERY CHECK LIST	37
OWNER ASSISTANCE	40

SAFETY PRECAUTIONS

A careful operator is the best operator. Accidents can be avoided by observing all safety precautions. Read and understand these precautions before operating the Grass Collector attachment. This equipment should be operated only by those who have been trained in its safe use.

BEFORE OPERATION

Read and understand all safety and instruction labels on this attachment, and, the safety precautions found in the tractor, mower and grass collector operator's manuals, BEFORE operation.

Never allow anyone to operate the mower and grass collector until they are thoroughly familiar with basic tractor, mower and grass collector operation.

Always make sure all grass collector components are properly installed and securely fastened BEFORE mowing.

Carefully check the area to be mowed, and remove any foreign objects, such as rocks, cans, toys, etc., that may cause personal or bystander injury, or equipment and property damage.

DURING OPERATION

Hearing protection is recommended when operating the grass collector.

Do not allow passengers on the tractor, mower or grass collector at any time. The operator MUST sit in the tractor seat.

Inspect the mower and grass collector after striking any foreign object. This will assure that all mower and grass collector components are secure and not damaged.

Mow and bag only during daylight hours, or when the area is well lit.

All blower cleaning or service MUST be performed with the BLOWER REMOVED from the mower.

MAINTENANCE

Keep the tractor, mower and grass collector clean. Dirt and grass build-up can cause fires that may lead to serious personal injury. Immediately replace any safety label that is damaged, lost, or otherwise becomes illegible.

To avoid injury, do not adjust, unclog or service the mower or grass collector with the tractor engine running. Disengage the PTO, place ALL CONTROLS IN NEUTRAL, set the parking brake, shut off the engine, remove the key, and make sure ROTATING MOWER AND BLOWER PARTS ARE STOPPED, before leaving the operator's seat.

Always wear eye protection when cleaning or servicing the grass collector.

Do not work under any part of the tractor, mower, or grass collector, unless it is securely supported by safety stands.

Make sure all shields and guards are securely in place following all cleaning, or repair work.

The cloth grass bags are subject to wear and deterioration. Check them often. Use genuine replacement bags from NEW HOLLAND.

TRANSPORTING & STORAGE

Be alert for all other traffic when driving on public roads or highways.

Moisture content in most grasses can damage mower and grass collector components. Also, dry grass and leaves left in the bags can be a fire hazard. Always make sure the bags are completely empty and the blower and chutes are fully cleaned before storage.

WHEN YOU SEE THIS SYMBOL



IT MEANS:

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

OPERATING INSTRUCTIONS

GENERAL BAGGING INFORMATION



CAUTION: ALWAYS MAKE SURE ALL GRASS COLLECTOR COMPONENTS ARE PROPERLY INSTALLED AND SECURELY FASTENED **BEFORE** MOWING.



CAUTION: HEARING PROTECTION IS RECOMMENDED WHEN OPERATING THE GRASS COLLECTOR.

Always mow at full engine speed. This will insure the most airflow into the grass bags. If the tractor engine lugs down while mowing, reduce the tractor ground speed.

Grass and leaf collecting performance depends on air flow into the bags. Mow when the grass is dry. Chute and blower plugging can be more frequent in wet conditions.

Tall grass clippings may also plug the blower and chute. Mow at the highest height of cut and remove the entire area at the final desired height to avoid plugging.

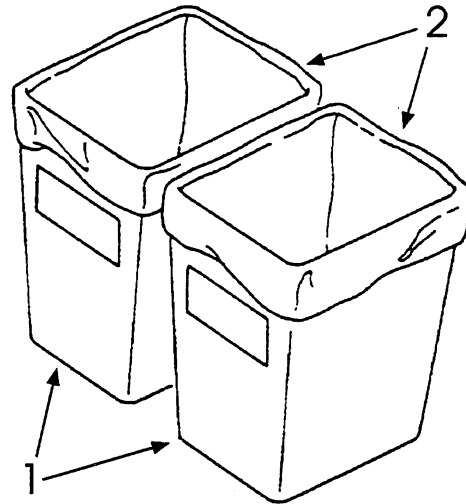


WARNING: DO NOT ALLOW PASSENGERS ON THE TRACTOR, MOWER, OR GRASS COLLECTOR AT ANY TIME. THE OPERATOR **MUST** SIT IN THE TRACTOR SEAT.

NEVER mow with the mower raised in the transport position. When transporting the mower and grass collector, ALWAYS disengage the tractor PTO.

Mow up and down slopes, not across. Avoid all grass collector operation on steep slopes.

Stay alert for holes or bumps that could effect stability of the tractor, mower and grass collector.



1. CLOTH BAGS

2. PLASTIC BAGS

NOTE: Plastic lawn and leaf bags, 33 gallon size, can be used inside the cloth bags. Be sure to leave enough plastic bag hanging over the frame so the plastic bag can be twist tied before emptying.



WARNING: INSPECT THE MOWER AND GRASS COLLECTOR AFTER STRIKING ANY FOREIGN OBJECT. THIS WILL ASSURE THAT ALL MOWER AND GRASS COLLECTOR PARTS ARE SECURE AND NOT DAMAGED.

Thoroughly clean the mower deck, the blower housing and chute, and the cover screen and tractor engine radiator screens, after each mowing. Grass build-up, left to dry, will be very difficult to remove, and if not removed, will effect future mowing and bagging performance.



WARNING: ALL BLOWER CLEANING OR SERVICE **MUST** BE PERFORMED WITH THE **BLOWER REMOVED** FROM THE MOWER.

CLEARING PLUGGED DUCTS



WARNING: TO AVOID INJURY, DO NOT ADJUST, UNCLOG OR SERVICE THE MOWER OR GRASS COLLECTOR WITH THE TRACTOR ENGINE RUNNING. DISENGAGE THE PTO, PLACE ALL CONTROLS IN NEUTRAL, SET THE PARKING BRAKE, SHUT OFF THE ENGINE, REMOVE THE KEY, AND MAKE SURE ALL ROTATING PARTS ARE STOPPED, BEFORE LEAVING THE OPERATOR'S SEAT.

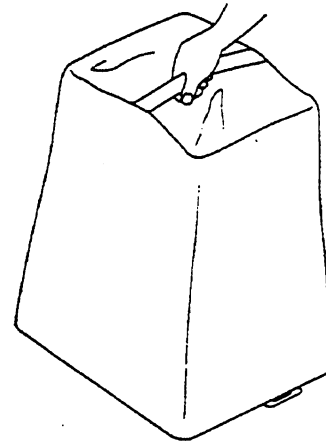
1. Release the chute hook band, remove the chute and lay it aside. Release both cover hook bands and raise the cover, allowing the latch linkage to hold the cover open. Dump the chute into the grass bags and lay it aside.
2. Remove the wingnut and washer and remove the tethered guard that covers the gearbox lower pulley.
3. Remove the front handle pin and pivot the blower housing rearward. This will allow the drive belt to be easily disconnected from the bottom of the gearbox pulley.
4. Raise the blower out of its rear bracket and remove the blower. Dump and clear the fan and chute outlet area of clippings.
5. Empty the grass bags, close the cover, and reinstall the blower housing and chute by reversing steps 1 through 4 above.



CAUTION: ALWAYS MAKE SURE ALL GRASS COLLECTOR COMPONENTS ARE PROPERLY INSTALLED AND SECURELY FASTENED BEFORE MOWING.

EMPTYING GRASS BAGS

Remove the cloth bag and frame by lifting and sliding rearward. Grasp the loop on the bottom of the bag, turn it upside down and empty collected debris, or the twist tied plastic bags. Repeat on the other bags.



Reinstall all grass bags, line with plastic bags if desired, close the cover and fasten both hook bands.

MAINTENANCE

CLEANING PROCEDURES



WARNING: ALWAYS WEAR SAFETY GLASSES OR OTHER EYE PROTECTION WHEN SERVICING OR CLEANING THE GRASS COLLECTOR.



WARNING: DO NOT WORK UNDER ANY PART OF THE TRACTOR, MOWER, OR GRASS COLLECTOR, UNLESS IT IS SECURELY SUPPORTED BY SAFETY STANDS.

The grass collector should be washed regularly using a mixture of mild detergent and water.

Use a soft rag on the see through chute so it does not get scratched. Wash grass build-up from the inside of the cover screen, and other chute parts, with a soft bristled brush.



WARNING: ALL BLOWER CLEANING OR SERVICE MUST BE PERFORMED WITH THE BLOWER REMOVED FROM THE MOWER.

The blower should be cleaned every time grass buildup is removed from the bottom of the mower deck. This should be accomplished daily if the grasses mowed were unusually lush or wet.

Following any water washing, all grass collector components should be reassembled on the tractor and mower. Start the tractor, mower and blower and run at low idle for 1 to 2 minutes, allowing air flow to dry the wet components.



WARNING: MAKE SURE ALL SHIELDS AND GUARDS ARE SECURELY IN PLACE FOLLOWING ALL SERVICE, CLEANING, OR REPAIR WORK.

REPLACING THE GRASS BAG



CAUTION: THE CLOTH GRASS BAGS ARE SUBJECT TO WEAR AND DETERIORATION. CHECK THEM OFTEN. USE ONLY GENUINE REPLACEMENT BAGS FROM NEW HOLLAND.

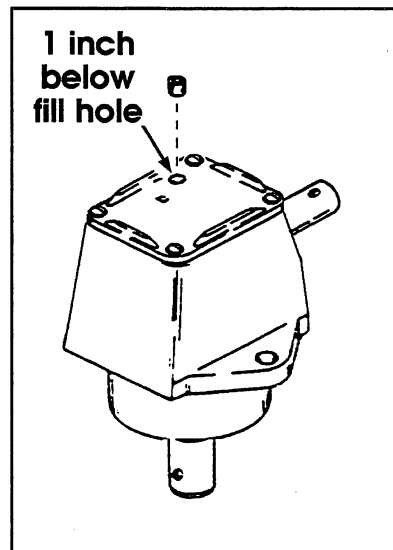
If the grass bags are unusually dirty or grass stained, they should be washed with a mild detergent and water and hung up to dry. **Do not attempt to dry the cloth bags in a clothes dryer!**

See page 19 for bag installation information. Bag removal is a reversal of those instructions.

LUBRICATION

The blower gearbox lubricant should be changed after the first 50 hours of operation, and checked for correct level every 50 hours thereafter. Correct level is 1 inch below the plug in the gearbox cover. Use the following NEW HOLLAND "pour" consistency grease.

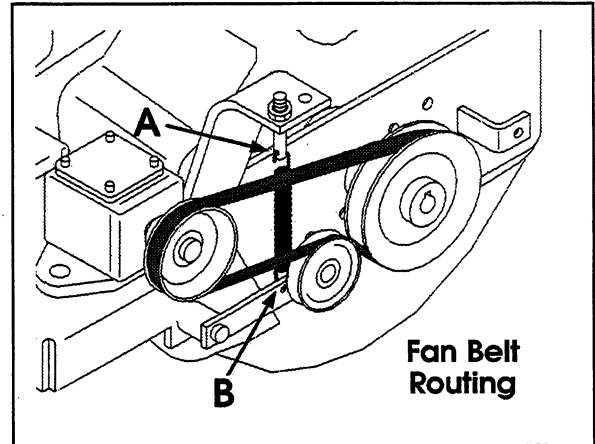
P/N 9821006 (1 qt. container)
or any NLGI GR. 000 EP Grease



GRASS COLLECTOR BELT ADJUSTMENTS

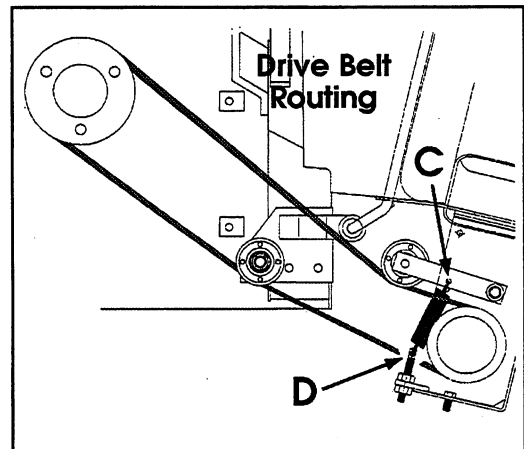
IMPORTANT: *The blower must be installed and both belts correctly routed on their pulleys before the belts can be properly adjusted.*

BLOWER FAN BELT. Remove the blower side shield and adjust the belt spring to approximately 3-1/4 inches from hook to hook (A to B).



NOTE: Regardless of appearance, both the blower fan and blower drive belts must be replaced every 200 hours of operation.

BLOWER DRIVE BELT. The idler tension rod spring must be adjusted at the tension rod to measure approximately 3-1/4 inches from hook to hook (C to D).

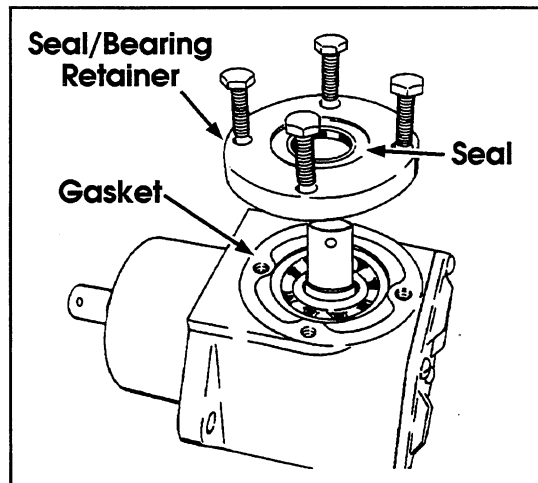


WARNING: MAKE SURE ALL SAFETY SHIELDS AND GUARDS ARE SECURELY IN PLACE FOLLOWING ALL SERVICE, CLEANING, OR REPAIR WORK.

GEARBOX SEAL REPLACEMENT

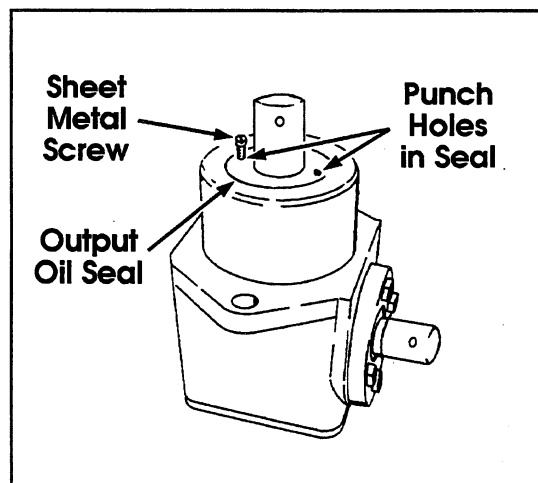
INPUT SHAFT SEAL REPLACEMENT

1. Remove four 1/4"-20 x 7/8" bolts and remove the seal/bearing retainer. Completely remove all old gasket from the retainer and housing.
2. Tip the retainer over and gently drive out the old seal. Make sure the machined seal opening is clean.
3. Coat the seal lip with clean #2 grease to protect it during installation over the input shaft. Install the new seal and drive it in squarely, .040" to .050" below flush.
4. Install a new housing/retainer gasket and reinstall the seal/bearing retainer. Torque the 1/4" bolts to 10 ft. lbs. (15 N•m).



OUTPUT SHAFT SEAL REPLACEMENT

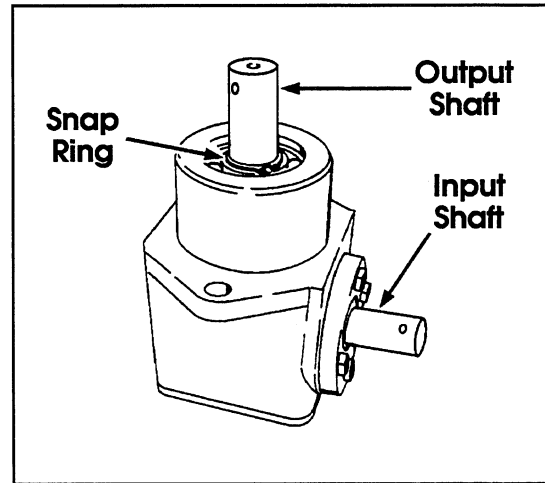
1. Punch two holes in the seal with an awl, as close to the outer edge of the seal as possible. Both holes should be opposite each other. DO NOT use a drill or the bearing underneath the seal may be damaged.
2. Insert sheet metal screws into the punched holes and pull on them to remove the old seal. Longer screws can be turned, against the bearing race, to lift out the seal. Make sure the machined seal opening is clean.
3. Coat the seal lip with clean #2 grease to protect it during installation over the output shaft. Install the new seal and drive it in squarely, until it is flush with the bottom of the housing.



GEARBOX REBUILDING

DISASSEMBLY

1. Following instructions on page 8, remove the output shaft seal. Remove the snap ring from the output shaft.
2. Remove the gearbox cover, dump and flush the old oil. Clean old gasket from the cover and housing.
3. Following instructions on page 8, remove the input shaft bearing retainer, seal, and old gasket.
4. Disassemble and clean all gearbox components in fresh cleaning solvent.



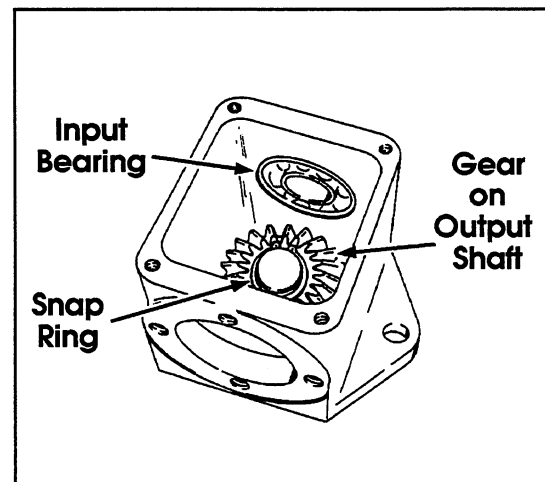
REASSEMBLY

1. Examine all components for excessive wear or damage and replace parts as necessary.

IMPORTANT: Use extreme care when reassembling so the gearbox is kept free of contaminants which could damage it.

2. Reassembly is a reverse order of disassembly. Always use new seals and gaskets when rebuilding the blower gearbox.

NOTE: Gear backlash and rolling torque is not adjustable. If either of these is considered excessive following reassembly, order and install a new gearbox on the blower.



Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com