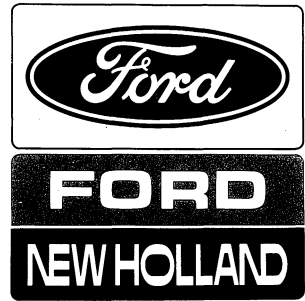


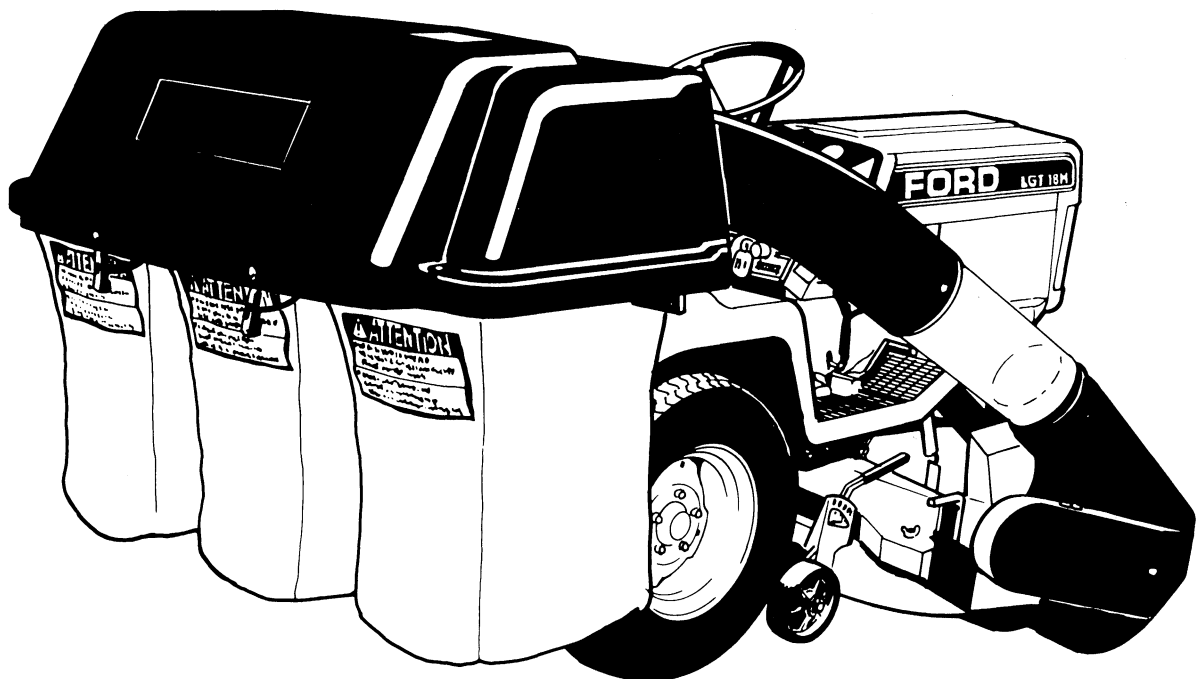
FORD



Operator's Manual

Grass Collector for YT & LGT Gasoline Tractors

Model 9809212 Three Bag Grass Collector
for 42 and 48 inch Mower Decks



41641400
Reprinted

INTRODUCTION

TO THE OWNER & OPERATOR

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

The Grass Catcher 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 Catcher. 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 FORD NEW HOLLAND Dealer.

IDENTIFICATION NUMBERS

The Serial Number plate, pictured below, is located on the vertical frame, below the center bag. Record the numbers from it on the pictured plate below. Always refer to this information when requesting repair parts or dealer service.

FORD NEW HOLLAND INC. NEW HOLLAND, PENNSYLVANIA	
	MODEL NO.
FORD	SERIAL NO.
NEW HOLLAND	COMPONENT
MADE IN U.S.A.	

Contact your FORD 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.



Grass Catcher Attachment for YT and LGT (gasoline) Lawn Tractors

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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 Catcher 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 catcher operator's manuals, BEFORE operation.

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

Always make sure all grass catcher 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 catcher.

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

Inspect the mower and grass catcher after striking any foreign object. This will assure that all mower and grass catcher 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 catcher 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 catcher 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 catcher.

Do not work under any part of the tractor, mower, or grass catcher, 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 FORD 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 catcher 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

IMPORTANT PERFORMANCE NOTES

Overall mower/grass collector performance may be enhanced on certain 42 & 48 inch mower decks by adding recent product improvements.

- ✓ Mower decks produced prior to January 1991 do not include high lift mower blades, or a spring loaded spindle drive system.
- ✓ Mower decks produced prior to May 1991 do not include a special discharge baffle which may improve performance in certain mowing conditions.

Consult your authorized FORD NEW HOLLAND Dealer for availability of the components.

GENERAL BAGGING INFORMATION



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



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

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.

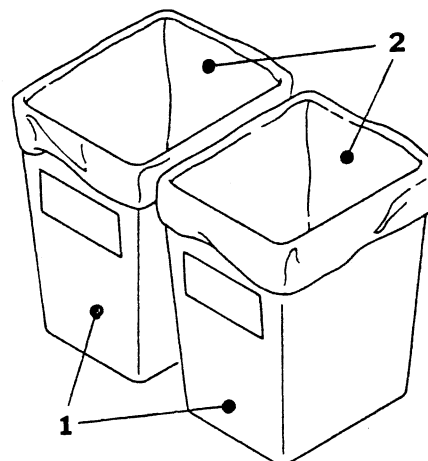


WARNING: DO NOT ALLOW PASSENGERS ON THE TRACTOR, MOWER, OR GRASS CATCHER AT ANY TIME. THE OPERATOR **MUST** SIT IN THE TRACTOR SEAT.

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

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

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



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 bags can be twist tied before emptying.



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

OPERATING INSTRUCTIONS - Continued

Thoroughly clean the mower deck, the blower housing and chute, and the cover lid 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.

4. Remove the rear handle pin and **slowly** 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 CATCHER COMPONENTS ARE PROPERLY INSTALLED AND SECURELY FASTENED BEFORE MOWING.

CLEARING PLUGGED DUCTS

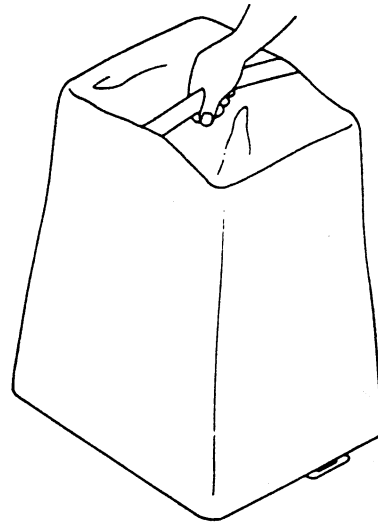


WARNING: TO AVOID INJURY, DO NOT ADJUST, UNCLOG OR SERVICE THE MOWER OR GRASS CATCHER WITH THE TRACTOR ENGINE RUNNING. DISENGAGE THE PTO, PLACE ALL CONTROLS IN NEUTRAL, SET THE PARKING BRAKE, SHUT OFF THE ENGINE, REMOVE THE KEY, AND MAKE SURE ALL ROTATING PARTS ARE STOPPED, BEFORE LEAVING THE OPERATOR'S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

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 CATCHER.



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

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

Use a soft rag on the see-thru chute so it does not get scratched. Wash grass build-up from the inside of the cover, net, 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 catcher components should be re-assembled 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 FORD 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 14 for bag installation information. Bag removal is a reversal of those instructions.

DECK SPRING ADJUSTMENT

The deck lift assist springs should be adjusted so the deck will move equally on both sides as it is raised or lowered. Adjustment must be made on a level surface. If the blower side, because of the added weight, does not move evenly with the left side of the deck, adjust both springs accordingly.

BLOWER BELT ADJUSTMENTS

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

DRIVE BELT

The spring on the support bar/pulley assembly, shown in the center picture on page 10, should be adjusted to measure approximately 3-1/4 inches from hook to hook.

FAN BELT

Remove the blower side shield and adjust the fan drive belt spring to approximately 3-1/4 inches from hook to hook.

BOLT TORQUE CHART

STANDARD FASTENER TORQUES

Mounting bolts and fasteners may tend to work loose after operation due to vibration. A visual check of the complete tractor, mower, and grass catcher should be made daily. All fasteners should be checked for correct retention torque, weekly, and more often if the unit is being operated in rough areas.

All locally procured fastening hardware should be Grade 5 or equivalent. Use the following chart for general torque specifications for Grade 5 standard fasteners.

Bolt Size	ft. lb.	N·m
1/4-20	7-9	9-12
5/16-18	10-15	15-20
3/8-16	20-25	25-35
7/16-14	30-40	40-55
1/2-13	50-60	70-90
M8	17-20	23-27
M10	34-40	45-55
M12	55-65	75-90
M14	91-109	125-145
M16	145-166	196-225

NOTE: All torque specifications apply to plated or oiled fasteners. When non-plated or dry fasteners are used, increase specified torque values by 20%.

IMPORTANT: Torque values *SHOULD NOT* be followed when fastening plastic parts!

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