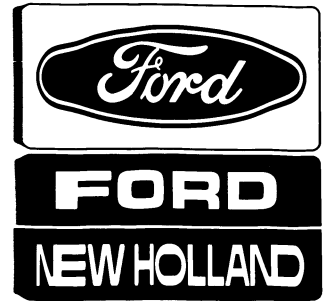


FORD



Operator's Manual

Series 715B

Front Mounted Two Stage Snowblower

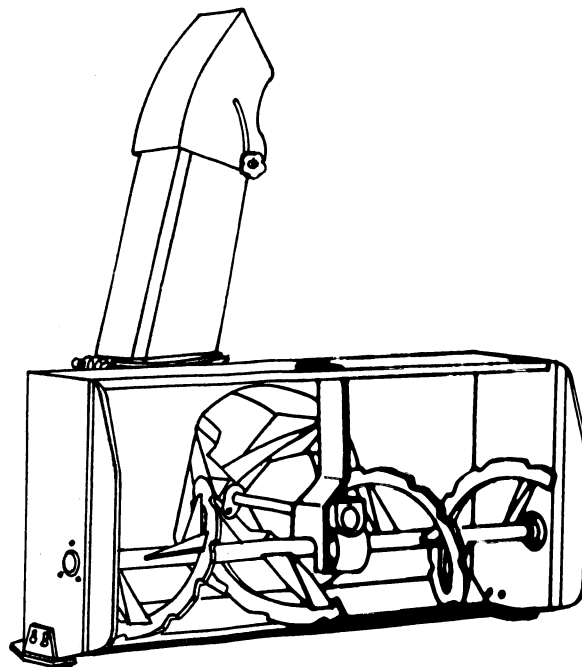
Subframe # 9828500

For 1120, 1220, 1320, 1520 & 1620 Tractors

Subframe # 9622931

For 1720 & 1920 Tractors

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OWNER ASSISTANCE

We at Ford New Holland, Inc., and your Ford New Holland Dealer want you to be completely satisfied with your investment. Normally any problems with your equipment will be handled by your Dealer's Service Department. Sometimes however, a misunderstanding can occur. If your problem has not been handled to your satisfaction, we suggest the following:

1. Contact the Owner or General Manager of your dealership, explain the problem, and request assistance. When additional assistance is needed, your dealer has direct access to our branch offices.
2. If you cannot obtain satisfaction by doing this, contact the Ford New Holland, Inc. Branch Office in your area and provide them with:
 - Your name, address and telephone number.
 - Your equipment Model and Serial numbers.
 - Your dealership name and address.
 - The purchase date and amount of use on your equipment.
 - The nature of the problem you are experiencing.

FORD NEW HOLLAND, INC.- Branch Offices

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San Francisco, California
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SOUTHEASTERN U.S.

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IF YOU NEED FURTHER ASSISTANCE, CONTACT:

Consumer Services Department

Mail Station 500
Ford New Holland, Inc.
New Holland, PA 17557
Phone: (717)355-1545

When contacting Ford New Holland, Inc.'s Branch Office or Consumer Services Department, be aware that your problem will likely be resolved in your dealership, using his facilities, equipment and personnel, so it is important that your initial contact be with your dealer.

TABLE OF CONTENTS

Contents	Page
OWNER'S ASSISTANCE	(inside front cover)
INTRODUCTION	2
SAFETY PRECAUTIONS	3
OPERATION	
Preparing for Snow Removal	6
Operating Controls	6
Adjustments	6
Snow Removal Methods	7
MAINTENANCE	8
ASSEMBLY	
9828500 (For 1120, 1220, 1320, 1520 & 1620 Tractors)	
Step 1: Subframe Assembly	9
Step 2: Tractor Preparation	10
Step 3: Snowblower Assembly	13
Step 4: Hydraulic Chute Rotation	15
Step 5: Snowblower Installation	17
DISMOUNTING - Snowblower & Subframe	18
9622931 (For 1720 & 1920 Tractors)	
Step 1: Reverse Rotation Box Installation	19
Step 2: Tractor Preparation	21
Step 3: Blower and Push Frame Preparation	23
Step 4: Subframe Preparation	24
Step 5: Hydraulic Chute Rotation	25
Step 6: Attaching Subframe to Tractor	27
DISMOUNTING & REMOUNTING - Subframe with Snowblower	29
REFERENCE DRAWINGS	
Snowblower & Related Parts	30
Subframe & Related Parts (For 1120, 1220, 1320, 1520 & 1620 Models).	38
Subframe & Related Parts (For 1720 & 1920 Models)	48
TORQUE SPECIFICATION TABLES	
Inch Hardware & Locknuts	58
Metric Hardware & Locknuts	59
SAFETY DECALS	60

INTRODUCTION

TO THE PURCHASER

This new snowblower was carefully designed to give years of dependable service.

This manual has been provided to assist in the safe operation and service of your snowblower.

NOTE: All photographs and illustrations in the manual may not necessarily depict the actual models or equipment, but are intended for reference only and are based on the latest product information available at the time of publication.


Familiarize yourself fully with the safety recommendations and operating procedures before putting the machine to use. Carefully read, understand and follow these recommendations and insist that they be followed by those who work with you.

THIS SAFETY ALERT SYMBOL IDENTIFIES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE IT, BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY AND CAREFULLY READ THE MESSAGE THAT FOLLOWS.

Record your snowblower model and serial number. Your dealer requires this information to give you prompt, efficient service when ordering parts or attachments. Service with genuine **FORD NEW HOLLAND** parts when replacement parts are required.

Right hand and left hand are determined by sitting on the tractor seat facing forward.

MODEL: _____ **SERIAL NUMBER:** _____ **DATE PURCHASED:** _____

FORD NEW HOLLAND INC. NEW HOLLAND, PENNSYLVANIA	
	MODEL NO.
FORD NEWHOLLAND	SERIAL NO.
	COMPONENT
MADE IN CANADA	

THE SERIAL NUMBER PLATE IS LOCATED ON THE REAR RIGHT SIDE OF THE IMPELLER HOUSING. IT IS RIVETED ON AND SHOULD NOT BE REMOVED.

WHENEVER YOU SEE THIS SYMBOL

IT MEANS : 

ATTENTION !

BECOME ALERT !

YOUR SAFETY IS INVOLVED !



The signal word "DANGER" signifies that a source of extreme danger to a person on or near a machine exists as a result of the very nature of the machine itself. This danger to persons is such that it would result in a high likelihood of death or permanent injury if the recommended precautions are not taken.



The signal word "WARNING" indicates that a source of danger to a person on or near a machine exists which may result in death or injury if the recommended precautions are not taken.

A CAREFUL OPERATOR IS THE BEST OPERATOR. MOST ACCIDENTS CAN BE AVOIDED BY OBSERVING CERTAIN PRECAUTIONS. READ AND TAKE THE FOLLOWING PRECAUTIONS BEFORE OPERATING THESE ATTACHMENTS TO HELP PREVENT ACCIDENTS. EQUIPMENT SHOULD BE OPERATED ONLY BY THOSE WHO ARE RESPONSIBLE AND INSTRUCTED TO DO SO.

THE SNOWBLOWER

1. Read this manual carefully to acquaint yourself with the equipment as well as the tractor operator's manual. Working with unfamiliar equipment can lead to accidents. Be thoroughly familiar with the controls and proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Keep all shields in place and properly tighten all mounting hardware.
3. Periodically inspect all moving parts for wear and replace with authorized service parts if an excessive amount of wear is present.
4. Replace all missing, illegible, or damaged safety and warning decals. See list of decals at the end of this manual.
5. Do not modify or alter this equipment or any of its components, or any equipment function without first consulting a Ford New Holland dealer.
6. Keep safety decals clean of dirt and grime.

GENERAL PREPARATION

1. Be sure the PTO is disengaged before starting the engine.
2. Clothing worn by the operator should be fairly tight and belted. Loose clothing should not be permitted because of the danger of getting into moving parts.
3. Prolonged exposure to loud noise can cause impairment or loss of hearing. Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable noises.

SAFETY PRECAUTIONS

OPERATING THE SNOWBLOWER

THE FOLLOWING PRECAUTIONS ARE SUGGESTED BEFORE OPERATING EACH THIS ATTACHMENT TO HELP PREVENT ACCIDENTS.

1. Before starting, remove any ice that has accumulated in the collector and impeller.
2. Adjust collector housing height to clear gravel or crushed rock surfaces.
3. Before the snow season thoroughly inspect the area where the equipment is to be used, and remove all door mats, sleds, boards, wires and other foreign objects.
4. Never allow anyone to ride on the attachment.
5. Clear the area of people and debris before commencing operation.
6. Never allow children to operate equipment. Never allow adults to operate equipment without proper instruction.
7. Always keep the attachment discharge directed away from people and objects which could be struck by debris.
8. Never allow anyone in front of unit.
9. Never leave attachment in raised position.
10. Never operate the attachment without good visibility and lighting.
11. Never clean or adjust PTO-driven equipment with the tractor engine running.
12. When operating PTO-driven equipment, always shut off the engine and wait for the PTO to stop turning before getting off the tractor, before unplugging the collector/impeller housing or discharge chute and before making any repairs, adjustments or inspections.
13. Take all possible precautions when leaving the vehicle unattended. Disengage the PTO, lower the attachment, shift into neutral, set the parking brake, stop the engine and remove the key.
14. Disengage power to attachment when transporting or when not in use.
15. The operator should never get off the tractor while it is in motion.
16. Exercise extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for the hidden hazards of traffic.
17. Do not put hands or feet near rotating parts. Keep clear of discharge opening at all times.
18. Do not use hands or feet to unplug chute.
19. Keep a careful watch for debris that could enter the blower while operating.
20. Never operate the attachment without guards, shields and other safety protective devices in place.
21. Never operate machine at high transport speeds on a slippery surface.
22. Use care when backing up.
23. After striking a foreign object, stop the engine, wait for all movements to stop, thoroughly inspect the attachment for damage and repair the damage before restarting and operating the attachment.
24. If the snowblower should start to vibrate abnormally, stop the engine immediately and check for the cause. Vibration is generally a warning of trouble.
25. Do not clear snow across the face of slopes. Exercise extreme caution when changing direction on slopes. Do not attempt to clear steep slopes.

THE TRACTOR

1. Read the Operator's Manual carefully before using tractor. Lack of operating knowledge can lead to accidents.
2. Always use an approved rollbar and seat belt for safe operation. Overturning a tractor without a rollbar can result in death or injury. If your tractor is not equipped with a rollbar and seat belt, see your Ford New Holland dealer.
3. Always use the seat belt when the rollbar is installed. Do not use the seat belt if the rollbar is removed from the tractor.
4. Use the handholds and step plates when getting on and off the tractor to prevent falls. Keep steps and platform cleared of mud and debris.
5. Do not permit anyone but the operator to ride on the tractor. There is no safe place for extra riders.
7. Never park the tractor on a steep incline.
8. Use care when operating on steep grades to maintain proper stability.
9. Keep the tractor in gear when going downhill.
10. Use of tire chains and wheel weights for better traction and stability is recommended. See Tractor Manual for recommended ballasting.
11. Always drive the tractor at speeds compatible with safety, especially when operating over rough ground, crossing ditches, or when turning.
12. Handle fuel with care as it is highly flammable.
 - a) Use approved fuel container.
 - b) Never add fuel to a running engine or a hot engine.
 - c) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
 - d) Replace fuel cap securely and wipe up spilled fuel.

OPERATING THE TRACTOR

1. Never start the engine while standing beside the tractor. Always sit on the tractor seat while starting the engine or operating controls.
2. Never run the tractor engine in a closed building without adequate ventilation as the exhaust fumes are very dangerous.
3. Never allow an open flame near the fuel tank or battery.
4. Use an SMV (slow moving vehicle) emblem and the flasher warning lamps when traveling on public roads, day or night, unless prohibited by law in your state.
5. Make sure the PTO shield is installed when using PTO-driven equipment and always replace the PTO shield if damaged.
6. Always bring the tractor to a complete stop and shut off the engine before getting off the tractor.

OPERATION

The safe operation of this machine is the responsibility of the operator. The operator should be familiar with the tractor and snowblower and all safety practices before starting operation.

IMPORTANT: To avoid damage to the snowblower, retorque all bolts after the first 10 hours of operation.

PREPARING FOR SNOW REMOVAL

1. Read the Operator's Manual carefully before using the tractor and snowblower. Be thoroughly familiar with the controls and proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Make sure the blower is clear of snow before engaging the PTO.
3. Make sure the auger and impeller operate freely.
4. Check the oil level in the worm gear box and, if necessary, add AGMA 5EP or API GL-5 SAE 90 gear oil, or FNH Part # 9821006 EP gear oil. See Maintenance Section on page 8.
5. Check the three shearbolts, one on each auger section and one between the impeller and gearbox for proper torque.
6. Adjust skid shoes so that the snowblower runs level.
7. Wear adequate winter outer garments while operating equipment.

OPERATING CONTROLS

1. **Hydraulic Chute Rotation:** Moving the valve handle to the right turns the chute towards the right in a clockwise direction. Moving the valve handle to the left turns the chute towards the left in a counterclockwise direction.

2. **Raising and Lowering the Snowblower:** The blower is raised and lowered by operating the mid mount valve lever on the right hand side of the tractor. Moving the lever back raises snowblower; moving the lever forward lowers snowblower. Move lever fully forward to obtain float position.

4. **PTO Operation:** The PTO which drives the snowblower is activated by pushing forward on the PTO lever on left hand side of seat. Pull the lever back to disengage the PTO. Always engage the PTO at low engine rpm using the foot clutch. Learn how to stop the tractor and snowblower quickly in case of an emergency.

IMPORTANT: Stop the tractor and snowblower immediately upon striking an obstruction. Inspect the blower and repair any damage before resuming operation.

ADJUSTMENTS



WARNING: To avoid personal injury, be sure the tractor engine is off and PTO is disengaged before making any adjustments.

1. Deflector Adjustment

To adjust the deflector angle, proceed as follows:

- a) Rotate the chute to the right as far as possible.
- b) Loosen the two deflector knobs, select angle and tighten knobs securely.

2. Reverse Rotation Box Chain

Adjust chain tension to 1/4" deflection in longest span of chain by moving upper idler (see page 20, fig.3, item 2).

3. Work and Travel Speed

Working ground speed will depend upon the depth and density of the snow to be cleared. Normally, ground speed will range from 4 to 7 mph for light, dry snowfalls (3-6") and 1-3 mph for heavy, drifted or wet snowfalls.

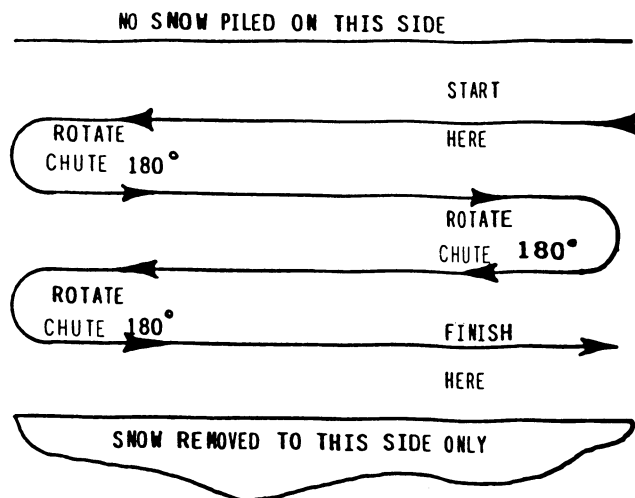
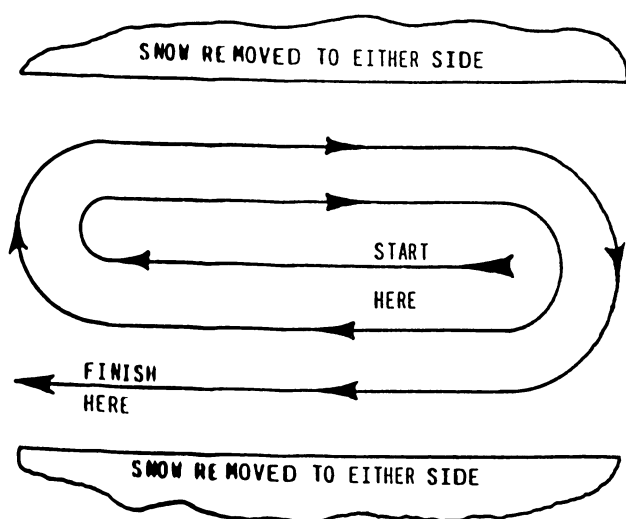
To transport, disengage the PTO and raise the snowblower to full transport height.

SNOW REMOVAL METHODS



WARNING: DO NOT USE HANDS OR FEET TO UNPLUG CHUTE. DO NOT ATTEMPT TO CLEAR PLUGGED CHUTE OF SNOW WHILE TRACTOR ENGINE IS RUNNING. IF THE CHUTE PLUGS, DIS-ENGAGE THE P.T.O., SHUT OFF THE TRACTOR ENGINE, REMOVE THE IGNITION KEY, WAIT FOR ALL MOVEMENT TO STOP, AND THEN CLEAR THE SNOW FROM THE CHUTE.

A definite pattern of operation is required to thoroughly clean the snow area. These patterns will avoid throwing snow in unwanted places as well as eliminating a second removal of snow.



Where it is possible to throw the snow to the left and right (above), as on a long driveway, it is advantageous to start in the middle. Plow from one end to the other, throwing snow to both sides without changing the direction of the discharge chute.

If the snow can only be thrown to one side of the driveway or sidewalk (above), start on the opposite side. At the end of the first pass, rotate the discharge chute 180° for the return pass. At the end of each succeeding pass, rotate the discharge chute 180° to maintain direction of discharge in the same area.

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