

NEW HOLLAND

914A

Mid-Mount

Direct Drive

Class II Mower

60 & 72 inch Models
for 1320 thru 1925 Tractors

OPERATOR'S

MANUAL



INTRODUCTION

TO THE OWNER & OPERATOR

Congratulations on your decision to purchase a NEW HOLLAND Mower. May we recommend you read this manual before operating your new 914A Mower.

Your Mower 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 Mower. Please read this manual carefully, following all instructions. Keep this manual handy for future reference.

All references to right and left, forward or rearward, used 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 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.	
<input type="text"/>			<input type="text"/>
COMPONENT			
<input type="text"/>			
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.

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SAFETY PRECAUTIONS

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

THE MOWER

- ✓ Know and understand all mower instructions and Safety Precautions before assembly, service, or operation. Also read and understand all Safety Precautions in the Tractor Operator's Manual.
- ✓ Keep the tractor and mower in good operating condition at all times.
- ✓ Always keep all shields and guards securely in place.
- ✓ Make sure all fastening hardware is properly tightened before operating the tractor and mower.
- ✓ Keep all Safety Decals clean and free of dirt and grime. Always replace any Safety Decals that become damaged, lost, painted over, or otherwise become illegible. Replace all Safety Decals when repainting the mower.
- ✓ Always keep mower discharge directed away from people or animals, which could be injured, and away from objects that could be damaged, by debris thrown by the mowing blades.
- ✓ Stop and inspect all parts of the mower after striking any foreign object. Repair any damage before resuming mowing operations.
- ✓ Disengage power to the mower and make sure the area behind the tractor and mower is clear before backing up. Always slow down backing or when turning.
- ✓ The operator should NEVER leave the tractor seat with the mower blades rotating, with the tractor in motion, or when the tractor engine is running.
- ✓ Always be alert for vehicle traffic when crossing or mowing near roadways. Avoid bystanders when mowing on or near public facilities.

MOWER OPERATION

- ✓ NEVER operate the mower with the discharge deflector in the raised position.
- ✓ DO NOT permit anyone but the operator to ride on the tractor or mower. There is no safe place on this equipment for passengers.
- ✓ Clear the area of people, pets, and all visible debris before mowing.
- ✓ Mow only during daylight hours, or when the area is well lit artificially.
- ✓ To avoid the possibility of injury from flying debris, NEVER operate the mower raised into the transport position.

THE TRACTOR

- ✓ Always use an approved Roll Over Protective Structure (ROPS) and Seat Belt for safe operation. Overturning a tractor, without a ROPS, can result in serious injury or death. If your tractor is not equipped with a ROPS and Seat Belt, see your NEW HOLLAND Dealer.
- ✓ ALWAYS wear the seat belt on ROPS equipped tractors. DO NOT use a seat belt if the tractor ROPS has been removed.
- ✓ NEVER allow an open flame near the fuel tank or tractor battery.

WHEN YOU SEE THIS SYMBOL



IT MEANS:

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

SAFETY PRECAUTIONS - Continued

OPERATING THE TRACTOR & MOWER

- ✓ Use the handholds and step platforms when mounting and dismounting the tractor to prevent falling. Always keep steps and platforms clean and free of mud or other debris.
- ✓ The operator **MUST** remain in the tractor seat at all times while mowing, transporting, or anytime the tractor engine is running.
- ✓ **NEVER** start the engine while standing beside the tractor. The operator **MUST** sit in the tractor seat when starting the engine.
- ✓ **NEVER** run the engine in a closed building without adequate ventilation. Exhaust fumes are very dangerous and can cause permanent injury or death.
- ✓ Use extreme care when operating on slopes to maintain equipment stability.
- ✓ Keep the tractor in gear when traveling downhill.
- ✓ Install tractor wheel weights to increase stability when operating on slopes. Consult your **NEW HOLLAND Dealer** on ballasting requirements for your equipment.
- ✓ To avoid loss of control, and to prevent overturning the tractor and mower, always mow up and down slopes, never across. **DO NOT** operate on steep slopes.
- ✓ Always bring the tractor to a complete stop, lower the mower deck to ground contact, disengage power to the mower, set the parking brake, shut off the engine and remove the key, before dismounting from the tractor. **NEVER** park the tractor on an incline.

SERVICING THE MOWER

- ✓ Keep the tractor and mower clean. Grease, dry debris and grass build-up can cause fires, damaging the equipment and causing serious injury to yourself or others.
- ✓ Check for and replace or repair missing, loose, or damaged parts on the mower. A defective mower could cause injury to another operator who is unaware of a potential problem.
- ✓ To avoid injury, do not clean, adjust, unclog, or service the mower when the engine is running.
- ✓ Do not work under the raised tractor or mower deck unless it is securely supported by a hoist, floor jack and jackstands.
- ✓ Make sure all hoists, floor jacks and jackstands are in good working order and have sufficient capacity to support the elevated equipment, before repair, adjustment, or lubrication of the tractor or mower.
- ✓ Inspect the mowing blade retainer nuts daily, or whenever a blade has been removed. Torque is 110 to 130 ft. lbs. (150-177 N·m). These nuts have right hand threads.
- ✓ To avoid injury when handling mowing blades, wear leather gloves, or wrap the blades in the area where they will be held.
- ✓ Do not modify or alter or permit anyone else to modify or alter the mower, or any of its components or operating functions. If in doubt on modifications, see your **NEW HOLLAND Dealer**.

WHEN YOU SEE THIS SYMBOL



IT MEANS:

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

OPERATING INSTRUCTIONS

GENERAL INFORMATION

The safe operation of the Tractor and Mower is the responsibility of the operator. The operator MUST be familiar with tractor and mower controls, how they work, and all Safety Precautions BEFORE starting operation. This mower is designed to be mounted on applicable tractors as a finish cut mower.

IMPORTANT: To avoid damage to the mower, retorque ALL fastening hardware, including blade and spindle pulley retaining nuts, after the first hour of mowing operation. See page 13 for blade servicing information.

CAUTION: INSPECT THE MOWING BLADE RETAINER NUTS DAILY, OR WHENEVER A BLADE HAS BEEN REMOVED. TORQUE IS 110 to 130 FT. LBS. (150-177 N·m). THESE NUTS HAVE RIGHT HAND THREADS.

TIPS FOR EFFICIENT MOWING

Blade sharpness affects the appearance of the mowed lawn. A dull or damaged blade will cause grass to appear torn or beaten off, rather than cut cleanly. Mowing blades should be checked regularly and kept sharp to insure the best lawn appearance.

Tractor engine speed while mowing should be at maximum rated RPM. This will insure proper blade speed for effective cutting and discharge of grass clippings.

Travel speed greatly effects mowing performance. The operator must use his own best judgement for the ground speed required for encountered mowing conditions. Always use a lower tractor transmission speed for slower mowing, rather than lowering the engine RPM.

WARNING: DO NOT PERMIT ANYONE BUT THE OPERATOR TO RIDE ON THE TRACTOR OR MOWER. THERE IS NO SAFE PLACE ON THIS EQUIPMENT FOR PASSENGERS.

Mow often! Do not wait for the grass to get too tall. Short grass clippings will disperse better and deteriorate faster.

WARNING: CLEAR THE AREA OF PEOPLE, PETS, AND ALL VISIBLE DEBRIS BEFORE MOWING.

Mowing areas with tall grass or weeds may require cutting at 4-1/2 inches (maximum) height of cut. After mowing once, recut the entire area with the mower reset to the desired final height of cut.

When cutting along sidewalks, driveways, etc., it is advisable to mow with the discharge directed away from them for 2 or 3 passes. This will keep grass clippings off of these areas.

WARNING: ALWAYS KEEP MOWER DISCHARGE DIRECTED AWAY FROM PEOPLE OR ANIMALS, WHICH COULD BE INJURED, AND AWAY FROM OBJECTS THAT COULD BE DAMAGED, BY DEBRIS THROWN BY THE MOWING BLADES.

The gauge wheels on either side of the front of the mowing deck serve as convenient mowings guides. When mowing, position the mower so the gauge wheel overlaps the edge of the strip previously cut. This will assure full mowing coverage.

CAUTION: MOW ONLY DURING DAY-LIGHT HOURS, OR WHEN THE AREA IS WELL LIT ARTIFICIALLY.

When transporting, always disengage the power to the mower.

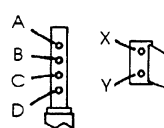
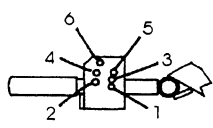
WARNING: TO AVOID THE POSSIBILITY OF INJURY FROM FLYING DEBRIS, NEVER OPERATE THE MOWER IN THE RAISED TRANSPORT POSITION.

CUTTING HEIGHTS

This mower can be adjusted to mow from 1-1/2 to 4 inches height of cut (38 to 102 mm). Grass mowing height should be determined by encountered conditions and personal preference.

The following recommendations are provided as a guide for cutting height selection.

Lawns = 1-1/2" to 3" (38-76 mm)
Field Cutting = 3" to 4" (76-102 mm)

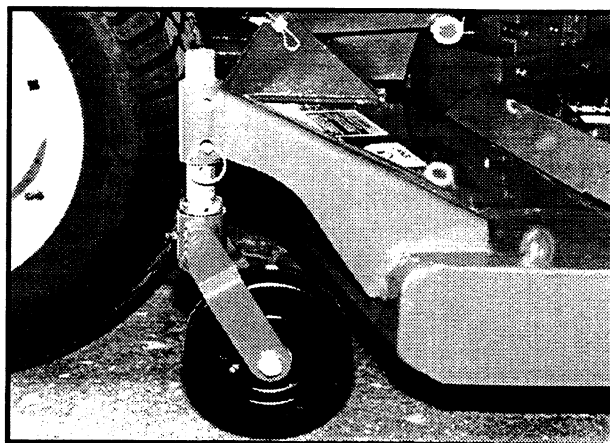
	ROUE AVANT FRONT WHEEL	ROUE ARRIERE REAR WHEEL
HAUTER DE COUPE		
CUTTING HEIGHT		
38 mm (1-1/2')	C - X	- 1 -
51 mm (2')	D - Y	- 2 -
64 mm (2-1/2')	B - X	- 3 -
76 mm (3')	C - Y	- 4 -
89 mm (3-1/2')	A - X	- 5 -
102 mm (4')	B - Y	- 6 -

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To change the height of cut it is necessary to adjust the gauge wheels and anti-scalp roller as follows.

FRONT GAUGE WHEEL ADJUSTMENT

1. Start the tractor engine and raise the mower by pulling rearward on the hydraulic control lever.
2. Shut off the engine, remove the key, set the tractor parking brake, and install the transport lock pin (see page 10).
3. After determining the desired cutting height, as shown on the above chart (duplicated as a label on the mower deck), remove the circle clip and clevis pin from the wheel spindle. Place the spindle in line with the appropriate cross hole, reinstall the clevis and circle clip.
4. Repeat on the other front gauge wheel.



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