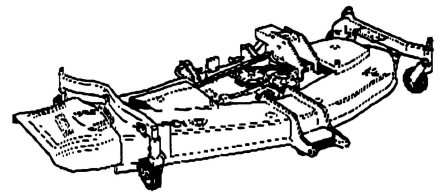


Series 914
Mid-Mount
Direct Drive
72" Mower

for 1720 and
1920 Tractors



OPERATOR'S MANUAL



NEW HOLLAND

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 914 72 inch 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. <small>MADE IN U.S.A.</small>	

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	4
The Mower	4
Mower Operation	4
The Tractor	4
Operating the Tractor & Mower	5
Servicing the Mower.....	5
OPERATING INSTRUCTIONS	6
General Information	6
Tips for Efficient Mowing	6
Cutting Heights	7
Uneven Terrain	8
Grass Discharge	8
Mower Transport Lock	8
REMOVING MOWER FROM TRACTOR	9
MAINTENANCE SECTION	10
Lubrication Schedule	10
Blade Removal & Installation	11
Blade Sharpening	11
Belt Adjustment	12
Belt Replacement	12
Spindle Rebuilding	12
Reconditioning the Driveline	14
Primary (Deck) Gearbox	14
Secondary (Rear PTO) Gearbox	15
Driveline Shear Bolt & Snap Ring	17
Seasonal Storage	17
BOLT TORQUE CHART	18
Standard Fastener Torques	18
Special Fastener Torques	18

TABLE OF CONTENTS - Continued

TROUBLESHOOTING GUIDE	20
ASSEMBLY INSTRUCTIONS	22
General Instructions	22
Pre-Assembly Notes	22
Installing Pull Linkage	23
Fastening Mower to Tractor	26
Installing Secondary Gearbox	27
Mower Lift Adjustment	28
Assembly Notes	28
PARTS ILLUSTRATIONS	29
Mower Deck Group	30
Mower Drive Group	32
Wheel & Strut Group	34
Pull Link Group	36
Spring Lift Group	36
Pivot Shaft Group	38
Lift Bracket Group	38
Control Beam Group	40
Driveline Group	40
Spindle Group	42
Primary (Deck) Gearbox Group	44
Secondary (PTO) Gearbox (Front Half)	46
Secondary (PTO) Gearbox (Rear Half)	48
SAFETY DECALS	50
SPECIFICATIONS	5
PRE-DELIVERY CHECKLIST	53
NOTES	54
OWNER ASSISTANCE	56

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 cutter.
- ✓ 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.
- ✓ To avoid the possibility of injury from flying debris, NEVER operate the mower raised into the transport position.
- ✓ 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.
- ✓ 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.

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 beginning mowing operations.
- ✓ Mow only during daylight hours, or when the area is well lit artificially.
- ✓ 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 slow down when turning.

- ✓ Always be alert for vehicle traffic when crossing or mowing near roadways. Avoid bystanders when mowing on or near public facilities.

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 with your **NEW HOLLAND Dealer** on ballasting requirements for your equipment.
- ✓ 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 150 ft. lbs. (204 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, consult with 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 11 for blade service information.

CAUTION: INSPECT THE MOWING BLADE RETAINER NUTS DAILY, OR WHENEVER A BLADE HAS BEEN REMOVED. TORQUE IS 150 FT. LBS. (204 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 BEGINNING MOWING OPERATIONS.

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 DAYLIGHT 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.

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