

# **NEW HOLLAND**

## **Series 702C**

### **Front Blade**

**1720 and 1920 Tractors**

# **OPERATOR'S**

## **MANUAL**



---

# CONTENTS

---

	Page
OWNER ASSISTANCE .....	3
INTRODUCTION .....	4
SAFETY PRECAUTIONS.....	5
OPERATION.....	6
Operation .....	6
Controls .....	6
Blade Removal.....	6
Storage.....	6
Maintenance.....	6
CYLINDER SERVICE.....	7
Cylinder Service .....	7
Disassembly .....	7
Assembly.....	7
PARTS ILLUSTRATIONS.....	8-9
HYDRAULIC COMPONENTS .....	10
ASSEMBLY.....	11-17
Mount Brackets .....	11
Rear Frame .....	12
Forward Frame.....	12
Blade To Forward Frame .....	13
Trip Springs Installation.....	13
Lift Cylinder Mounting Bracket .....	13
Lift Cylinder Installation .....	14
Hydraulic Hoses Installation.....	14
Hydraulic Angle (optional) Kit Installation .....	15-16
Mechanical Angle Link Installation .....	17
Skid Shoes Installation assembling Front Blade .....	17
SAFETY DECALS .....	18
TORQUE CHART .....	18

---

## OWNER ASSISTANCE

---

We at New Holland and your 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, 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 the 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 branch office in your area and provide them with:
  - Your name, address, and telephone number.
  - Machine Model and Serial numbers.
  - Dealership name and address.
  - Machine purchase date and amount of use
  - Nature of problem

### **Atlanta**

4727 N. Royal Atlanta Dr. Suite P.  
Caller Service 105018  
Tucker GA 30085-5018  
Telephone: (404) 723-3605  
States: AL, FL, GA, KY, MS,  
NC, SC, TN, VA

### **Dallas**

1340 Walnut Hill Lane Bldg 2  
P.O. Box 167528  
Dallas, TX 75016-7528  
Telephone: (214) 756-4919  
States: AR, AZ, CA, CO, HI, KS,  
LA, MO, NM, NV, OK, TX, UT

### **Minneapolis**

6301 W. Old Shakopee Rd.  
P.O. Box 1342  
Minneapolis, MN 55440-1342  
Telephone: (612) 887-4231  
States: AK, IA, ID, IL, MN, MT,  
ND, NE, OR, SD, WA, WI, WY

### **New Holland**

200 Commerce St.  
P.O. Box 527  
Mountville, PA 17554-0527  
Telephone: (717) 285-8302  
States: CT, DE, IN, MA, MD, ME,  
MI, NH, NJ, NY, OH, PA, RI, VT,  
WV

### **Calgary**

Suite 220  
3030 Third Ave. N.E.  
P.O. Box 1616, Stn M.  
Calgary, AB  
CANADA T2P 2M7  
Telephone: (403) 569-3208

IF YOU NEED FURTHER ASSISTANCE, CONTACT:

**Service Department**  
**Mail Station 500**  
**New Holland North America, Inc.**  
**New Holland, PA 17557**

When contacting your branch office or Service Department, be aware that your problem will likely be resolved in the dealership, using the dealer's facilities, equipment, and personnel, so it is important that your initial contact be with your dealer.

A Service Publications Catalog & Order Form is available which lists the operator's and service manuals for many prior model and most current model Ford - New Holland - Versatile tractors, equipment, and consumer products. To obtain a copy of this catalog, please call 1-800-635-4913

# INTRODUCTION

This manual provides operation, maintenance, assembly and parts identification for your new front blade.

The New Holland Series 702C Front Blade is designed for use on New Holland 1720 and 1920 tractors. The front blade is raised and angled right and left using hydraulic cylinders which are connected to the tractors auxiliary valve.

Successful operation and long life of any implement depends on proper operation and care. Please read this manual carefully and follow all instructions. Correct operation and maintenance will save much time and expense.




This **SAFETY ALERT SYMBOL** identifies **IMPORTANT SAFETY MESSAGES** in this manual. **OBSERVE** and **FOLLOW** all **SAFETY MESSAGES** to prevent personal **INJURY**.

Reference to left and right used in this manual refer to the position when standing at rear of unit facing forward, unless otherwise specified.

If at any time you have a service problem with your front blade, or need parts, contact your local New Holland dealer.

Your dealer will need your front blade's serial and component numbers to give you prompt efficient service. Record your model, serial and component numbers below. Also record date of purchase.

Your front blade model, serial and component numbers are stamped on this plate located on the top front of the frame.

 <b>NEW HOLLAND</b>	
<b>MODEL NO.</b>	<b>SERIAL NO.</b>
702C	
<b>COMPONENT</b>	
<b>NEW HOLLAND NORTH AMERICA, INC.</b> MADE IN U.S.A.	

DATE PURCHASED \_\_\_\_\_

# SAFETY PRECAUTIONS

Following are precautions suggested to help prevent accidents.

A careful operator operates best. Most accidents can be avoided by observing certain precautions. Read all precautions that follow before operating your tractor and front blade to help prevent accidents. Equipment should be operated only by those who are responsible and instructed to do so.

## GENERAL

1. Read your Operator's Manuals carefully before using tractor and front blade. Lack of operating knowledge can lead to accidents.
2. Replace damaged or illegible safety decals. See page 18 for required decals.
3. Operate tractor and front blade only from operator's seat.

## TRACTOR

1. Use of seat belt is recommended. Overturning a tractor without use of a seat belt can result in death or injury.
2. Add recommended wheel ballast and/or rear weight as recommended in owner's manual to provide good stability.
3. Move rear wheels to widest settings recommended by New Holland to increase stability.
4. Do not start the engine or operate controls while standing beside the tractor. Always sit in the tractor seat when starting the engine or operating controls.
5. Do not park the tractor on a steep incline.
6. Move and turn tractor at low speeds.

## FRONT BLADE OPERATION

1. Never allow anyone to ride on the blade.
2. Clear the area of people and debris before operating the front blade.
3. Do not make mechanical adjustments while tractor is in motion, blade is raised or engine is running.
4. Do not attempt to repair or tighten hydraulic hoses when under pressure or when the engine is running.
5. Never leave blade in raised position, while tractor and blade are unattended.

6. All hydraulically or mechanically elevated components must be blocked or lowered to the ground when adjustments or repairs are made.
7. Avoid sharp turns using brakes. Drive slowly over rough ground, side hills and around curves to avoid tipping.
8. When parking, make sure parking brakes are set and front blade is fully lowered.
9. Never allow anyone to get under the front blade when the blade is raised.
10. Watch out for underground high-voltage electrical, gas and phone lines when operating the front blade.

## MAINTENANCE

1. When servicing or replacing pins in cylinder ends or frame always use a drift and hammer of non-sparking material. Failure to do so could result in injury from flying metal fragments.
2. Do not modify or alter or permit anyone else to modify or alter front blade or any of its components without first consulting a New Holland Dealer. If you have any questions regarding front blade modifications contact New Holland North America, Inc..
3. Always wear safety goggles when servicing or repairing tractor or front blade.
4. Escaping hydraulic fluid under pressure can penetrate skin causing serious personal injury.
  - DO NOT use your hand to check for leaks. Use a piece of cardboard or paper to search for leaks.
  - Stop engine and relieve pressure before connecting or disconnecting hydraulic lines.
  - Tighten all connections before starting engine or pressurizing lines.
  - If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.

Whenever you see this symbol



it means: **ATTENTION!**

**BECOME ALERT!**

**YOUR SAFETY IS INVOLVED!**

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](mailto:ebooklibonline@outlook.com)