

# **NEW HOLLAND**

## **Series 702D**

### **Front Blade**

**TC48 & TC55 Tractors**

# **OPERATOR'S**

## **MANUAL**



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# INTRODUCTION

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

The New Holland Series 702D Front Blade is designed for use on New Holland TC48 and TC55 tractors. The front blade is raised and angled right and left using hydraulic cylinders which are connected to the tractor's 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>
702D	
<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 12 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.
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!**

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