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**D SERIES TLB
TRACTOR
SERVICE**

**455D, 555D, 575D,
655D, 675D**

**Vol. 1
40045541**



**D SERIES TLB
TRACTOR
SERVICE**

**455D, 555D, 575D,
655D, 675D**

**Vol. 2
40045541**



D SERIES BACKHOE LOADER REPAIR MANUAL CONTENTS

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INTRODUCTION

Appropriate service methods and proper repair procedures are essential for the safe, reliable operation of all equipment as well as the personal safety of the individual doing the work. This Service Manual provides general directions for accomplishing service and repair work with tested, effective techniques. Following them will help insure reliability.

There are numerous variations in procedures, techniques, tools, and parts for servicing equipment, as well as in the skill of the individual doing the work. This manual cannot possibly anticipate all such variations and provide advice or cautions as to each. Accordingly, anyone who departs from the instructions provided in this manual must first establish that he does not compromise his own personal safety nor the safety of others by his choice of methods or tools.

As you read through this manual, you will come across NOTES and WARNINGS. Each one is there for a specific purpose. NOTES are given to prevent you from making an error

that could damage the vehicle. WARNINGS remind you to be especially careful in those areas where carelessness can cause personal injury.

Any reference in this manual to right, left, rear, front, top or bottom is as viewed from the operator's seat looking forward towards the loader.

Ford New Holland policy is one of continuous improvement, and the right to change prices, specifications, equipment or design at any time without notice is reserved. All data in this manual is subject to production variations, so overall dimensions and weights should be considered as approximate only, and the illustrations do not necessarily depict the tractor as it is.

PRODUCTION DATE CODES AND UNIT SERIAL NUMBERS

FORD NEW HOLLAND INC.
NEW HOLLAND, PENNSYLVANIA

TRACTOR NUMBER		 FORD NEW HOLLAND
<input type="text"/>		
MODEL		
<input type="text"/>		
UNIT		
<input type="text"/>		
ENGINE		
<input type="text"/>		
TRANSMISSION	REAR AXLE	
<input type="text"/>	<input type="text"/>	
HYDRAULIC PUMP	HYDRAULIC LIFT	
<input type="text"/>	<input type="text"/>	

E8NN-9401631-08

FIGURE 0-1

Vehicle Identification Plate

Ford New Holland, Inc., Troy, MI

ROPS No.

FOR TRACTORS (Max. Wt. Lbs)

455D, 555D, 575D, 655D, 675D 1700LBS

COMPLIES OSHA 1926.1000 SAE J394a J1040a J231a

Always Wear Seat Belt With ROPS

E8NN-94518N23-AA

FIGURE 0-3

Cab Identification Plate

<input type="radio"/>	AXLE TYPE	SERIAL NUMBER	<input type="radio"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
REF. NUMBER	TOTAL RATIO			
<input type="text"/>	<input type="text"/>			
INPUT ROT.	DIFF. TYPE			
<input type="text"/>	<input type="text"/>			
OIL SPECIFIC	LIT.	LOCATION		
<input type="text"/>	<input type="text"/>	<input type="text"/>		
<input type="text"/>	<input type="text"/>	DIFF.		
<input type="text"/>	<input type="text"/>	EPIC.		
<input type="radio"/>	<input type="text"/>			<input type="radio"/>

FIGURE 0-2

Four Wheel Drive Front Axle Identification Plate

MADE IN BELGIUM

SERIAL

SERIES **BACKHOE**

E8NN-B680-AA

FIGURE 0-4

Backhoe Identification Plate

The vehicle identification plate, Figure 0-1, is located on the left-hand side of the steering console and is stamped with the following information:

Unit Serial Number, Model Code, Production Date Code of the complete Unit, of the Engine, the Transmission, and the Rear Axle assembly.

The identification plate for the optional Four-Wheel Drive front axle, Figure 0-2, is located on the rear right-hand side of the front axle casing.

The Cab/ROPS identification plate, Figure 0-3, is located on the right-hand 'B' pillar of the cab/ROPS frame.

The identification plate for the backhoe assembly, Figure 0-4, is attached to the rear left-hand side of the main frame on the sideshift models, or attached to the side frame under the left-hand rear fender on center pivot models.

Whenever repairing the tractor, the serial number information should be noted and used when referring to Service Bulletins or ordering parts.

PRECAUTIONARY STATEMENTS

PERSONAL SAFETY

Throughout this manual and on machine decals, you will find precautionary statements (“CAUTION”, “WARNING”, and “DANGER”) followed by specific instructions. These precautions are intended for the personal safety of you and those working with you. Please take the time to read them.



CAUTION: THE WORD “CAUTION” IS USED WHERE A SAFE BEHAVIORAL PRACTICE ACCORDING TO OPERATING AND MAINTENANCE INSTRUCTIONS AND COMMON SAFETY PRACTICES WILL PROTECT THE OPERATOR AND OTHERS FROM ACCIDENT INVOLVEMENT.



WARNING: THE WORD “WARNING” DENOTES A POTENTIAL OR HIDDEN HAZARD WHICH HAS A POTENTIAL FOR SERIOUS INJURY. IT IS USED TO WARN OPERATORS AND OTHERS TO EXERCISE EVERY APPROPRIATE MEANS TO AVOID A SURPRISE INVOLVEMENT WITH MACHINERY.



DANGER: THE WORD “DANGER” DENOTES A FORBIDDEN PRACTICE IN CONNECTION WITH A SERIOUS HAZARD.

FAILURE TO FOLLOW THE “CAUTION”, “WARNING”, AND “DANGER” INSTRUCTIONS MAY RESULT IN SERIOUS BODILY INJURY OR DEATH.

MACHINE SAFETY

Additional precautionary statements (“ATTENTION” and “IMPORTANT”) are followed by specific instructions. These statements are intended for machine safety.

ATTENTION: The word “ATTENTION” is used to warn the operator of potential machine damage if a certain procedure is not followed.

IMPORTANT: The word “IMPORTANT” is used to inform the reader of something he needs to know to prevent minor machine damage if a certain procedure is not followed.



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for your reading.
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to get more information.