



**NEW HOLLAND**  
**Boomer**  
**8N**

**SERVICE**  
**MANUAL**



## SECTION 00 - GENERAL INFORMATION

### Chapter 1 - General Information

#### CONTENTS

<b>Section</b>	<b>Description</b>	<b>Page</b>
	Introduction .....	3
	Precautionary Statements .....	4
	Personal Safety .....	4
	Machine Safety and Information .....	4
	Technical Information .....	5
	Hardware .....	5
	General .....	5
	Plating .....	5
	Nut Tightening .....	5
	Locknuts .....	5
	Jam Nuts .....	5
	Thread Lubrication .....	5
	Working Safety .....	6
	Starting the Tractor .....	7
	Using the Tractor .....	8
	Towing and Transport .....	9
	Using Implements and Agricultural Machinery .....	10
	Stopping the Tractor .....	10
	Servicing the Tractor .....	11
	Diesel Fuel .....	13
	Safety Decals .....	14
	Instruction Decals .....	16
	General Information .....	20
	Universal Symbols .....	21
	Specifications .....	22
	Engine .....	22
	Capacities .....	22
	Cooling System .....	23
	Electrical System .....	23
	Fuel System .....	23

*SECTION 00 - GENERAL INFORMATION - CHAPTER 1*

---

<b>Section</b>	<b>Description</b>	<b>Page</b>
	Brakes .....	24
	Steering .....	24
	Power Take-off .....	24
	Hydraulic Lift System .....	24
	Transmission .....	25
	Transmission Speeds - km/h (mph) .....	25
	Cast Iron Weights .....	26
	Drawbars .....	26
	3 Point Hitch .....	26
	Tires .....	27
	Wheel Bolt Torques .....	27
	General Dimensions .....	28
	Minimum Hardware Tightening Torques .....	32
	Special Tools .....	34
	Tire Ballast and Pressures .....	36
	Liquid Ballast (Optional) .....	36
	Tire Pressure .....	36
	Rear Tire Liquid .....	36

## **INTRODUCTION**

This service manual provides the technical information needed to properly service the New Holland Boomer 8N CVT transmission. Use this manual in conjunction with the operator's manual for complete operation, adjustment, and maintenance information.

On New Holland equipment, left and right are determined by standing behind the unit, looking in the direction of travel.

# PRECAUTIONARY STATEMENTS

## PERSONAL SAFETY



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Throughout this manual and on machine decals, you will find signal words **DANGER**, **WARNING**, and **CAUTION** 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.



**DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury. The color associated with Danger is RED.

M1169A



**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury. The color associated with Warning is ORANGE.

M1170A



**CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. The color associated with Caution is YELLOW.

M1171A

---

**FAILURE TO FOLLOW DANGER, WARNING, AND CAUTION INSTRUCTIONS COULD RESULT IN DEATH OR SERIOUS INJURY.**

## MACHINE SAFETY AND INFORMATION

**NOTICE** is used to address practices not related to personal injury.

**NOTICE:** The signal word **NOTICE** is used throughout this manual followed by specific instructions. These messages are intended for machine safety, or to identify and present supplementary information.

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$