



# NEW HOLLAND

LS 140  
LS 150

Workshop  
Manual

 **NEW HOLLAND**

PROVEN PERFORMANCE

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## SECTION 00 – GENERAL INFORMATION

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## INTRODUCTION

This service manual provides the technical information needed to properly service and maintain the Models LS140 and LS150 skid steers. Use it in conjunction with the operator's manual which is supplied with the skid steer. Keep both manuals available for ready reference.

The LS140 and LS150 have many similarities with the major differences being engine horsepower and lifting capacity.

Whenever working on New Holland equipment, left and right sides of the machine are determined by standing behind the unit, looking in the direction of travel.

The easiest and least time-consuming removal, disassembly, and reassembly procedures are detailed in the manual. Modifying these procedures is not recommended.

New Holland skid steers are designed with emphasis on safety for operator protection. However, careless and negligent operation can still result in serious injury to persons or damage to property. Be sure to read and follow all safety instructions in this manual.

Your New Holland dealer is interested in your obtaining the most from your investment and will be glad to answer any questions you may have about your skid steer. When major service is required, your dealer's staff of trained service technicians is ready to serve you.

When in need of parts, always order genuine New Holland service parts from your New Holland dealer. Be prepared to give your dealer the model and serial number of the engine and skid steer (the location of these numbers is described later in this section). Record the serial numbers here.

Skid Steer Model \_\_\_\_\_

Skid Steer Serial Number \_\_\_\_\_

Engine Model \_\_\_\_\_

Engine Serial Number \_\_\_\_\_



**This symbol is used throughout this book whenever your own personal safety is involved. Take time to be careful!**

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## ABOUT IMPROVEMENTS

New Holland is continually striving to improve its products. We must, therefore, reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

### **COMPANY POLICY**

Company policy, which is one of continuous improvement, reserves the right to make changes in design and specifications at any time without notice and without obligation to modify units previously built.

All data given in this book is subject to production variations. Dimensions and weights are approximate only and the illustrations do not necessarily show skid steers in standard condition.

### **PARTS AND ACCESSORIES**

Genuine NEW HOLLAND parts and accessories have been specifically designed for HEW HOLLAND MACHINES.

We would like to point out that "NON-GENUINE" parts and accessories have not been examined and released by NEW HOLLAND. The installation and or use of such products could have negative effects upon the design characteristics of your machine and thereby affect its safety. NEW HOLLAND is not liable for any damage caused by the use of "NON-GENUINE" NEW HOLLAND parts and accessories.

### **MODEL CODES**

The range of Skid Steers described in this manual is identified in the text by the engine horsepower Pferdestärke. (PS). The skid steers listed below may not be available in all countries or markets.

ENGINE	PS	MODEL
N843	30	LS140
N843H	36	LS150

## 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.

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—————  **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.

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—————  **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.

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—————  **DANGER**  —————

The word “**DANGER**” denotes a forbidden practice in connection with a serious hazard.

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

### MACHINE SAFETY

Additional precautionary statement (“**IMPORTANT**”) is followed by specific instructions. This statement is intended for machine safety.

**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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