

Product: New Holland LS180/LS190 Skid Steer Loader Service Repair Manual

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**SKID-STEER
REPAIR
LS180, LS190**

**Vol. 1
87036989**



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REPAIR
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87036997

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LS180, LS190 REPAIR MANUAL

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The following pages are the collation of the contents pages from each section and chapter of the LS180, LS190 Repair manual. Complete Repair part # 87036989.

The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the LS180, LS190 Skid Steer.

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REPAIR MANUAL



NEW HOLLAND

LS180, LS190 REPAIR MANUAL

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The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair manual will be made up one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the LS180, LS190 Skid Steer.

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SECTION 00 - GENERAL INFORMATION

INTRODUCTION

This service manual provides the technical information needed to properly service and maintain the Models LS180 and LS190 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 LS180 and LS190 have many similarities with the major difference being a two-speed hydrostatic motor system, which is a factory option on the LS180 and standard on the LS190.

The LS180 skid steers are equipped with the 332T non-emissionized or the 332T/JF emissionized three-cylinder 60 net horsepower turbocharged engine.

The LS190 is equipped with the 450/NC emissionized four cylinder 75 net horsepower naturally aspirated engine.

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 procedure 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 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 _____



CAUTION



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

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.