# JOHN DEERE WORLDWIDE COMMERCIAL & CONSUMER EQUIPMENT DIVISION

Compact Utility Tractors 4610 and 4710

OMLVU13212 L1

OPERATOR'S MANUAL



European Version Litho in U.S.A.

#### INTRODUCTION

# Thank You for Purchasing a John Deere Product

We appreciate having you as a customer and wish you many years of safe and satisfied use of your machine.

#### **Using Your Operator's Manual**

This manual is an important part of your machine and should remain with the machine when you sell it.

Reading your operator's manual will help you and others avoid personal injury or damage to the machine. Information given in this manual will provide the operator with the safest and most effective use of the machine. Knowing how to operate this machine safely and correctly will allow you to train others who may operate this machine.

If you have an implement, use the safety and operating information in the implement operator's manual along with the machine operator's manual to operate the implement safely and correctly.

This manual and safety signs on your machine may also be available in other languages (see your John Deere dealer to order).

Sections in your operator's manual are placed in a specific order to help you understand all the safety messages and learn the controls so you can operate this machine safely. You can also use this manual to answer any specific operating or servicing questions. A convenient index located at the end of this book will help you to find needed information quickly.

The machine shown in this manual may differ slightly from your machine, but will be similar enough to help you understand our instructions.

RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (----->), the item referred to is hidden from view.

Before delivering this machine, your dealer performed a predelivery inspection to ensure best performance.

**Machine Use** 

This machine is designed solely for customary agricultural use, for park and amenity area maintenance and for winter work. Use in any other way is considered as contrary to the intended use.

The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with and strict adherence to the conditions of operation, service and repair as specified

by the manufacturer also constitute essential elements for the intended use.

This machine should be operated, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention). The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Setting fuel delivery beyond published factory specifications or otherwise overpowering will result in loss of warranty protection for this machine.

Any arbitrary modifications carried out on this machine will relieve the manufacturer of all liability for any resulting damage or injury.

#### **Special Messages**

Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.



CAUTION: Avoid injury! This symbol and text highlight potential hazards or death to the operator or bystanders that may occur if the hazards or procedures are ignored.

IMPORTANT: Avoid damage! This text is used to tell the operator of actions or conditions that might result in damage to the machine.

NOTE: General information is given throughout the manual that may help the operator in the operation or service of the machine.

### PRODUCT IDENTIFICATION

#### **Record Identification Numbers**

Compact Utility Tractor with PowrReverser™ or eHydro™ Transmissions

**4610** PIN (169001 - )

**4710** PIN (179001 - )

If you need to contact an Authorized Service Center for information on servicing, always provide the product model and identification numbers.

You will need to locate the identifications numbers for the product. Record the information in the spaces provided below.

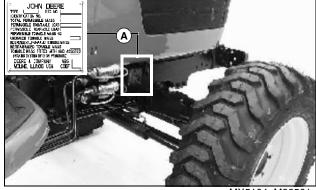
DATE OF PURCHASE:

**DEALER NAME:** 

\_\_\_\_

#### **DEALER PHONE:**

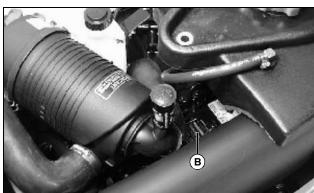
\_\_\_\_\_



MX5104, M96561

#### PRODUCT IDENTIFICATION NUMBER (A):

\_\_\_\_\_



MX4313

ENGINE SERIAL NUMBER (B):

\_\_\_\_\_\_

## **TABLE OF CONTENTS**

Safety	
Operating	
Replacement Parts	49
Service Intervals	50
Service Lubrication	52
Service Engine	
Service Transmission	66
Service Electrical	70
Service Miscellaneous	75
Troubleshooting	82
Storage	
Assembly	
Specifications	89
Index	96

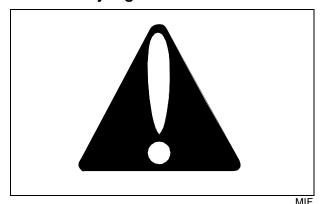
All information, illustrations and specifications in this manual are based on the latest information at the time of publication. The right is reserved to make changes at any time without notice.

COPYRIGHT© 2002
Deere & Co.
John Deere Worldwide Commercial and
Consumer Equipment Division
All rights reserved
Previous Editions
COPYRIGHT©

OMLVU13212 L1 - English

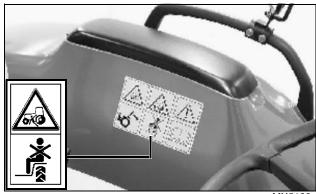
#### **SAFETY**

#### **Pictorial Safety Signs**



At several important places on this machine safety signs are affixed intended to signify potential danger. The hazard is identified by a pictorial in a warning triangle. An adjacent pictorial provides information how to avoid personal injury. These safety signs, their placement on the machine and a brief explanatory text are shown in this Safety Signs section.

#### WARNING: KEEP RIDERS OFF

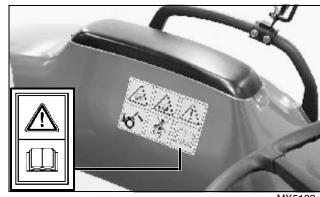


Only allow the operator on the machine. Keep riders off.

Riders on the machine may be struck by foreign objects or thrown off the machine causing serious injury.

Riders obstruct the operator's view resulting in the machine being operated in an unsafe manner.

#### **CAUTION: READ OPERATOR'S MANUAL**



- 1. Read Operator's Manual before operating this machine.
- 2. Keep all shields in place.
- 3. Hitch towed loads only to drawbar to avoid rearward upset.
- 4. Make certain everyone is clear of machine before starting engine or operation.
- 5. Keep all riders off machine and equipment.
- 6. Keep hands, feet and clothing away from power-driven parts.
- 7. Reduce speed when turning or applying individual brakes or operating around hazards on rough ground or steep slopes.
- 8. Couple brake pedals together for road travel.
- 9. Use flashing warning lights on highway unless prohibited by law.
- 10. Stop engine, lower implement to ground and shift to "PARK" or set brake(s) securely before dismounting.
- 11. Wait for all movement to stop before servicing machinery.
- 12. Remove key if leaving machine unattended.

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com