# JOHN DEERE WORLDWIDE COMMERCIAL & CONSUMER EQUIPMENT DIVISION

## Compact Utility Tractor 4120, 4320, 4520, 4720

SN (610001-), (620001-), (650001-), (670001-)

OMLVU19619 E9

### **OPERATOR'S MANUAL**



### JOHN DEERE

WARNING: Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

California Proposition 65 Warning

North American 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 attachment, use the safety and operating information in the attachment operator's manual along with the machine operator's manual to operate the attachment safely and correctly.

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

**An online operational video** is available for your machine through the Internet. To view this video, go to <a href="https://www.JohnDeere.com/OperationalVideos">www.JohnDeere.com/OperationalVideos</a> and click on the link for your machine model.

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 (-----), the item referred to is hidden from view.

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

#### **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.

#### **Attachments for Your Machine**

There's a John Deere attachment or kit to make your new machine perform more tasks or be more versatile, whether your machine is a lawn tractor or compact utility tractor or a utility vehicle.

You can check out the entire line of attachments for your machine at JohnDeere.com or ask your John Deere dealer. From aerators to electric lift kits to tillers, there's a John Deere attachment or kit to fill every need.

#### PRODUCT IDENTIFICATION

#### **Record Identification Numbers**

#### **Compact Utility Tractor**

4120 PIN (610001 -)

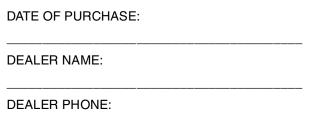
4320 PIN (620001 -)

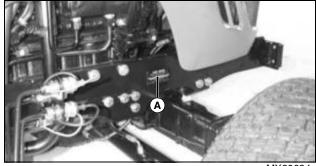
4520 PIN (650001 -)

4720 PIN (670001 -)

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

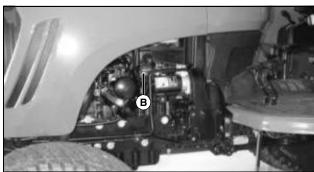
You will need to locate the identifications numbers for the product. Record the information in the spaces provided below.





MX20634

#### PRODUCT IDENTIFICATION NUMBER (A):



MX20635

ENGINE SERIAL NUMBER (B):

A	<b>6</b>		A
	77	•	
		W THE	YT
		0	

MX4778

TRANSMISSION SERIAL NUMBER (C):

### **TABLE OF CONTENTS**

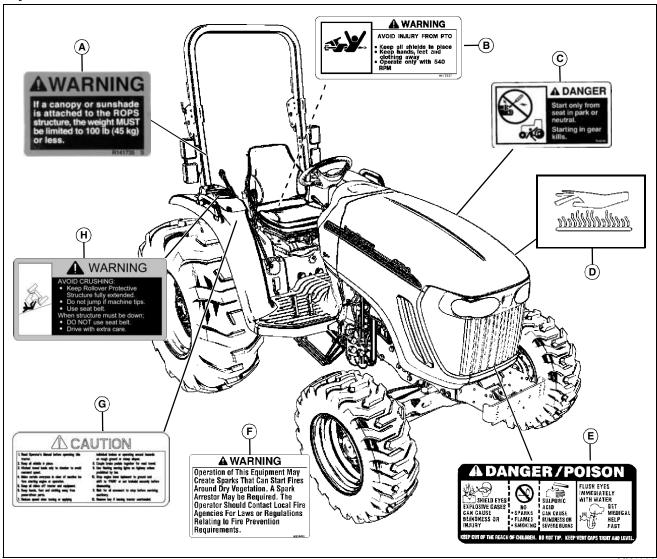
Safety Labels	1
Safety	7
Operating - Controls	12
Operating - Machine	
Replacement Parts	49
Service Intervals	50
Service Lubrication	52
Service Engine	53
Service Transmission	64
Service Steering & Brakes	69
Service Electrical	71
Service Miscellaneous	79
Troubleshooting	88
Storage	
Specifications	98
Warranty	
Index	

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© 2009
Deere & Co.
John Deere Worldwide Commercial and
Consumer Equipment Division
All rights reserved
Previous Editions
COPYRIGHT© 2009

OMLVU19619 E9 - English

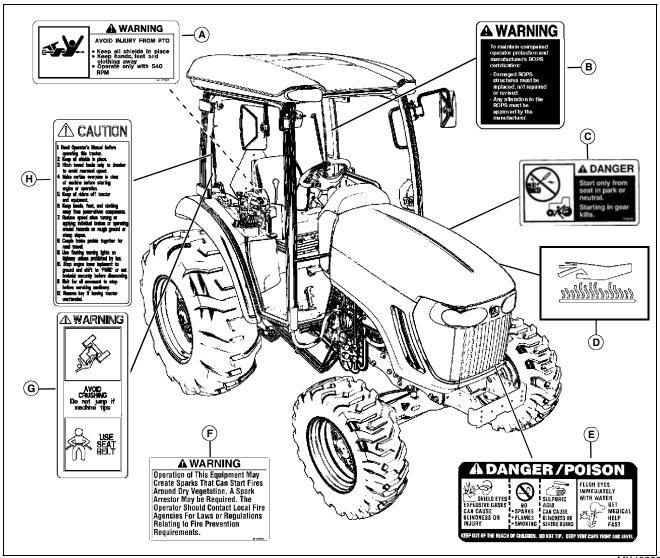
#### **Safety Label Location**



MX40881

Picture Note: Use label number listed in table below to locate complete text of safety label message following this illustration.

- **A WARNING R141735**
- **B WARNING M117557**
- C DANGER T146195
- D CAUTION HOT SURFACE (embossed on muffler)
- E DANGER/POISION M88249
- **F WARNING M159705**
- **G CAUTION LVU10708**
- H WARNING LVU10709



MX40883

Picture Note: Use label number listed in table below to locate complete text of safety label message following this illustration.

- **A WARNING M117557**
- **B WARNING R120124**
- C DANGER T146195
- D CAUTION HOT SURFACE (embossed on muffler)
- E DANGER/POISON M88249
- **F WARNING M159705**
- **G WARNING LVU10707**
- **H CAUTION MIU10747**

### **Understanding The Machine Safety Labels**

The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards.

The operator's manual also explains any potential safety hazards whenever necessary in special safety messages that are identified with the word, CAUTION, and the safety-alert symbol.

#### **DANGER T146195**

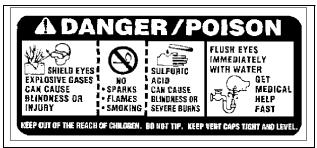


T146195

Start only from seat in park or neutral.

Starting in gear kills.

#### **DANGER / POISON**



M88249

#### Picture Note: Located on battery.

SHIELD EYES: EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY.

NO SPARKS, FLAMES, SMOKING.

SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS.

FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.

KEEP OUT OF THE REACH OF CHILDREN. DO NOT TIP. KEEP VENT CAPS TIGHT AND LEVEL.

#### **WARNING AVOID CRUSHING LVU10709**



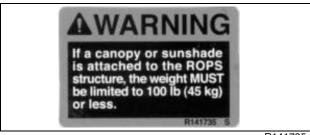
LVU10709

- Keep Rollover Protective Structure fully extended.
- Do not jump if machine tips.
- Use seat belt.

When structure must be down;

- DO NOT use seat belt.
- · Drive with extra care.

#### **WARNING ROPS R141735**



R141735

If a canopy or sunshade is attached to the ROPS structure, the weight MUST be limited to 100 lb (45 kg) or less.

#### **WARNING ROPS R120124**



R120124

To maintain unimpaired operator protection and manufacturer's ROPS certification:

- Damaged ROPS structures must be replaced, not repaired or revised.
- Any alteration to the ROPS must be approved by the manufacturer.

#### **WARNING M117557**



M117557

#### AVOID INJURY FROM PTO.

- Keep all shields in place.
- Keep hands, feet and clothing away.
- Operate only with 540 RPM.

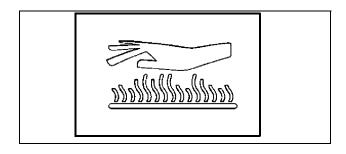
#### **WARNING M117554**



M117554

Hot surface

#### **CAUTION HOT SURFACE**



Picture Note: Located on muffler.

NOTE: No-text warning molded into muffler.

Do not touch engine muffler, it may be hot.

### CAUTION READ OPERATORS MANUAL LVU10708



LVU10708

- 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.

### CAUTION READ OPERATORS MANUAL MIU10747



MIU10747

- 1. Read the operator's manual before operating the tractor.
- 2. Keep all shields in place.
- 3. Hitch towed loads only to drawbar to avoid rearward upset.
- 4. Make sure everyone is clear of machine before starting engine or operation.
- 5. Keep all riders off tractor and equipment.
- 6. Keep hands, feet, and clothing away from power-driven components.
- 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 tractor unattended.

#### **CAUTION IMatch**



MX10750, LVU13502

Picture Note: Optional iMatch quick-attach hitch.

BEFORE USING, SECURE TRACTOR IMPLEMENT WITH BOTH LOCKING LUGS OVER LOWER IMPLEMENT PINS

#### **Warning M159705**

#### **AWARNING**

Operation of This Equipment May Create Sparks That Can Start Fires Around Dry Vegetation. A Spark Arrestor May be Required. The Operator Should Contact Local Fire Agencies For Laws or Regulations Relating to Fire Prevention Requirements.

M159705

Picture Note: This label is required and installed on machines sold in California. This label may also be installed on machines sold in other locations.

Operation of This Equipment May Create Sparks that Can Start Fires Around Dry Vegetation. A Spark Arrestor May be Required. The Operator Should Contact Local Fire Agencies For Laws or Regulations Relating to Fire Prevention Requirements.



Our support email: ebooklibonline@outlook.com