

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

GATOR® Utility Vehicle
DIESEL & Trail DIESEL

OMM144180 B3

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).

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.

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

GATOR Utility Vehicle

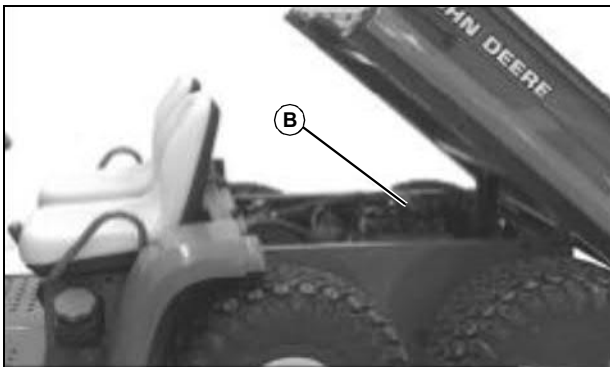
DIESEL and Trail DIESEL PIN (008807-)

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 model and serial number for the machine and for the engine of your machine and record the information in the spaces provided below.



MX4649



MX4650

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

PRODUCT IDENTIFICATION NUMBER (A):

ENGINE SERIAL NUMBER (B):

TABLE OF CONTENTS

Safety	1
Operating	11
Replacement Parts	23
Service Intervals	24
Service Lubrication	26
Service Engine	27
Service Transmission	40
Service Electrical	45
Service Miscellaneous	49
Troubleshooting	53
Storage	56
Assembly	57
Specifications	63
Warranty	65
Index	68

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© 2003

Deere & Co.

John Deere Worldwide Commercial and Consumer Equipment Division

All rights reserved

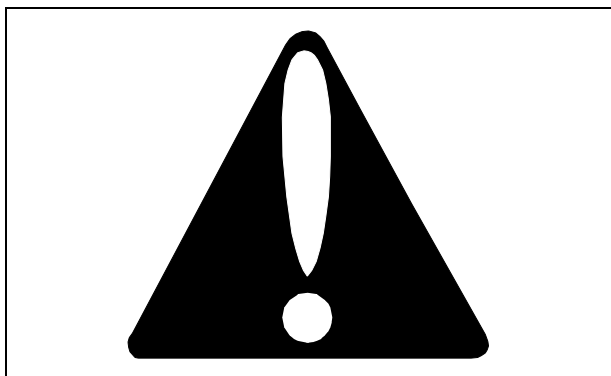
Previous Editions

COPYRIGHT© 2000, 1999, 1998, 1996, 1995

OMM144180 B3 - English

SAFETY

Understanding The Machine Safety Labels



Safety-Alert Symbol

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.

WARNING: RIDERS CAN FALL OFF AND BE KILLED



M78522, M78503

- Maximum of one person to a seat.
- No riders in box or anywhere else.

WARNING: YOUNG DRIVERS INCREASE CHANCE OF DEATH



M78523, M78504

- Young drivers may not be able to control vehicle.
- No drivers younger than 16 years old.

WARNING: ROLLOVER OR FALLING OFF MAY CAUSE DEATH



M78523, M78502

- Read operator's manual.
- Drive very slowly when turning.
- Always use brakes going down a slope. Vehicle can take-off (freewheel) downhill.
- No loads heavier than 500 lbs (227 kg) in 4x2, 800 lbs (363 kg) in 6x4 and 1000 lbs (454 kg) in 6x4 DIESEL. Spread load evenly. Tie loads down.
- Reduce speed and load on rough or hilly ground.

SAFETY

CAUTION

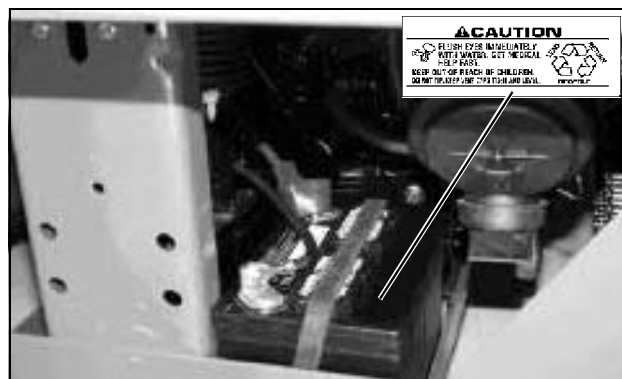


M78523, M78505

Before leaving vehicle:

- Stop engine.
- Set park brake.
- Remove key.

CAUTION



MX4661, MX4631

Flush eyes immediately with water. Get medical help fast.

Keep out of reach of children.

Do not tip.

Keep vent caps tight and level.

DANGER



MX6788, MX4630

SHIELD EYES

EXPLOSIVE GASES can cause blindness or injury.

NO

- Sparks
- Flames
- Smoking

SULFURIC ACID

Can cause blindness or severe burns.

CAUTION: HELP PREVENT INJURY WHEN DUMPING LOADS

NOTE: For machines with cargo box power lift option only.




M78538, M78539

- Operate dump with machine stationary and parking brake locked: Never dump while moving.
- Operate dump on level ground only.
- Operate dump from operator's seat only.
- Do not place hands behind seat when lowering box.
- Refer to Operator's Manual for correct load distribution.

SAFETY

Emission Control System Certification Label

IMPORTANT ENGINE INFORMATION	
THIS ENGINE CONFORMS TO <input type="checkbox"/> MODEL YEAR U. S. EPA REGULATIONS NONROAD COMPRESSION IGNITION ENGINES.	
THIS ENGINE IS CERTIFIED TO OPERATE ON "US-20" FUEL	
ENGINE FAMILY : <input type="checkbox"/>	DISPLACEMENT : <input type="checkbox"/> LITERS
ENGINE MODEL : <input type="checkbox"/>	EMISSION CONTROL SYSTEM : EM
FUEL RATE : <input type="checkbox"/> L/HK/STROKE @ <input type="checkbox"/> L/KW/ <input type="checkbox"/> RPM	
REFER OWNER'S MANUAL FOR MAINTENANCE SPECIFICATIONS AND ADJUSTMENTS	
YANMAR DIESEL ENGINE 	
Co., Ltd.	

Operator Training Required



M78508



CAUTION: Avoid injury! Statutes providing severe penalties for tampering with emissions controls may apply at the user's location.

The emissions warranty described in the warranty section applies only to those engines marketed by John Deere that have been certified by the United States Environmental Protection Agency (EPA) and/or California Air Resources Board (CARB); and used in the United States in non-road mobile (self-propelled or portable/transportable¹) equipment. The presence of an emissions label like the one shown signifies that the engine has been certified with the EPA and/or CARB. The EPA and CARB warranties only apply to new engines having the certification label affixed to the engine and sold as stated above in the geographic areas governed by the regulating agencies.

NOTE: The hp/kW rating on the engine emissions certification label specifies the gross engine hp/kW, which is flywheel power without fan. In most applications this will not be the same rating as the advertised vehicle hp/kW rating.

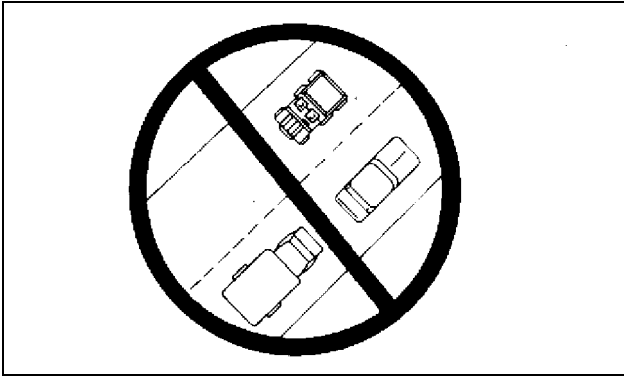
- The owner of the machine is responsible for training the users and mechanics of the machine.
- The owner/user can prevent and is responsible for accidents or injuries occurring to themselves, other people, or property.
- Do not allow operation or service of the machine by children or untrained adults.
- Do not let children operate the machine. Local regulations may restrict the age of the operator.
- Read the operator's manual and study the safety and operation sections before operating the machine.
- If the operator of the machine cannot read or understand this manual, it is the machine's owner responsibility to explain this material to the operator. This publication is available in other languages.
- Operate the machine in an open, unobstructed area under the direction of an experienced operator.
- Become familiar with the safe operation of the equipment, operator controls, and safety signs.
- Operator experience is required to learn the moving, stopping, turning and other operating characteristics of the machine.
- The utility vehicle should NOT be operated by anyone under the age of 16 years.

Operating Safely

- View the videotape provided with the vehicle for safe operating practices.
- Do not misuse the utility vehicle. It is a utility vehicle, not a recreation vehicle.

1. Equipment moved at least once every 12 months.

SAFETY



W00904

- The utility vehicle is not intended for use on highways or public roads. Do not operate vehicle on a road where the vehicle may be a hazard to faster-moving traffic.
- Horseplay or recreational riding can lead to accidents, severe bodily injury or death.
- Sit on the center of the seat and keep both feet within the foot platform perimeter. Clean foot platform if dirty, and remove any debris from around foot controls.
- Check for debris in engine compartment, especially around brake linkage on each side of the transaxle.
- Always use both hands for steering.
- Know location of controls and how and what they operate.
- Never operate utility vehicle while standing.
- Never operate utility vehicle with the cargo box raised.
- Check brake action before beginning vehicle operation. Adjust or service the brakes as necessary.
- To provide adequate braking ability and traction, do not tow any attachment or loaded trailer unless the utility vehicle cargo box is fully loaded.
- Inspect vehicle before operating. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before operating.
- Keep people and pets out of the work area. Stop the vehicle if anyone enters the area. If an object is hit, stop and inspect the vehicle for damage. Make repairs before operating.
- Do not leave vehicle unattended when it is running.
- Only operate during daylight or with good artificial light.
- Be careful of traffic when operating near or crossing roadways.
- This vehicle is not intended for use on highways or public roadways. It is to be used for off-road use only.
- Avoid sudden starts, stops, or turns.

- Always use a level turn-around area.
- Do not wear headphones while operating.

Using a Spark Arrestor

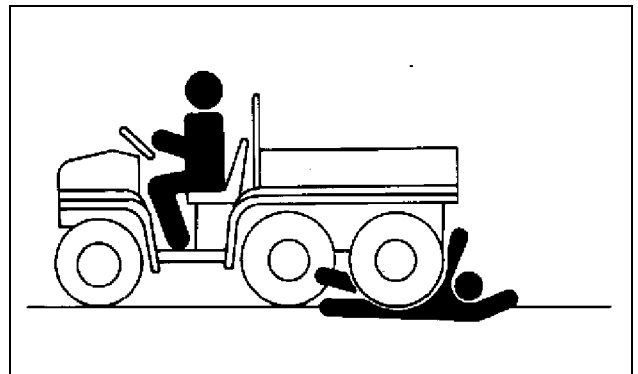
The engine in this machine is not equipped with a spark arrestor muffler. It is a violation of California Public Resource Code Section 4442 to use or operate this engine on or near any forest-covered, brush-covered or grass-covered land unless the exhaust system is equipped with a spark arrestor meeting any applicable local or state laws. Other states or federal areas may have similar laws.

A spark arrestor for your machine may be available from your authorized dealer. An installed spark arrestor must be maintained in good working order by the operator.

Parking Safely

1. Stop vehicle on a level surface, not on a slope.
2. Lock park brake.
3. Stop engine.
4. Remove key.
5. Before you leave the operator's seat, wait for engine and all moving parts to stop.
6. Close fuel shut-off valve if your vehicle is equipped.
7. Disconnect the negative battery cable or remove the spark plug wire (for gasoline engines) before servicing the machine.

Protect Children and Prevent Accidents



W00900

- Never assume that children will remain where you last saw them. Stay alert to the presence of children.
- Never carry children in the cargo box area. DO NOT let children ride in the cargo box of the utility vehicle or any

Buy Now



Our support email:

ebooklibonline@outlook.com