

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

GATOR® Utility Vehicle
Turf

SN (001001-)

OMM126764 D4

OPERATOR'S MANUAL



JOHN DEERE

⚠ WARNING: The Engine Exhaust
from this product contains chemicals known
to the State of California to cause cancer,
birth defects or 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.

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.

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.

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.

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.

PRODUCT IDENTIFICATION

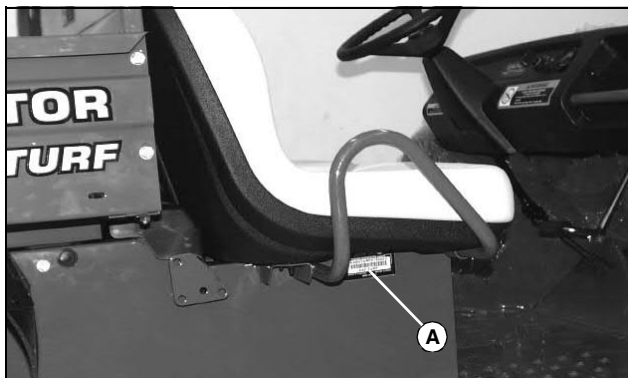
Record Identification Numbers

Turf GATOR Utility Vehicle

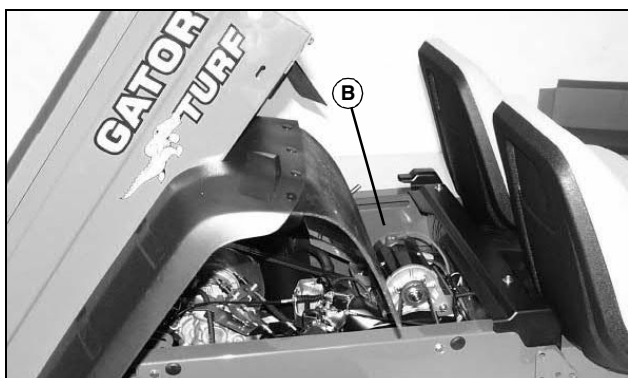
Serial Number (001001-)

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 identification numbers for the product. Record the information in the spaces provided below.



MX6785



MX6786

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

PRODUCT IDENTIFICATION NUMBER (A):

ENGINE SERIAL NUMBER (B):

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

TABLE OF CONTENTS

Safety	1
Operating.....	11
Replacement Parts	22
Service Intervals	23
Service Lubrication	24
Service Engine	25
Service Transmission.....	33
Service Electrical.....	37
Service Miscellaneous.....	41
Troubleshooting	44
Storage	47
Specifications	48
Warranty	50
Index	52

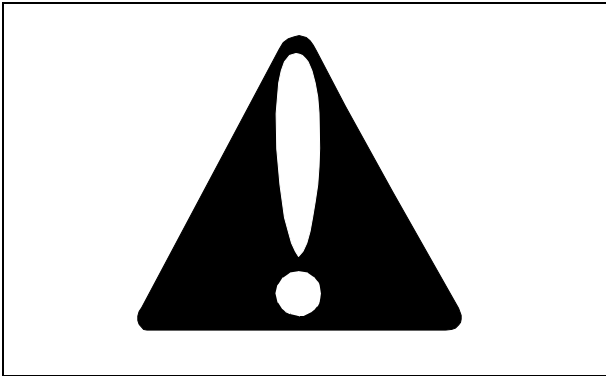
All information, illustrations and specifications in this manual are based on the latest information at the time of publication. The right is reserved to make changes at any time without notice.

COPYRIGHT© 2004
Deere & Co.
John Deere Worldwide Commercial and
Consumer Equipment Division
All rights reserved
Previous Editions
COPYRIGHT© 1997, 2000

OMM126764 D4 - English

SAFETY

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,.

WARNING: RIDERS CAN FALL OFF AND BE KILLED



M78503, M78522

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

WARNING: YOUNG DRIVERS INCREASE CHANCE OF DEATH



M78504, M78523

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

WARNING: ROLLOVER OR FALLING OFF MAY CAUSE DEATH



M78502, M78523

- 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



M78505, M78523

Before leaving vehicle:

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

CAUTION



MX6789, MX6787

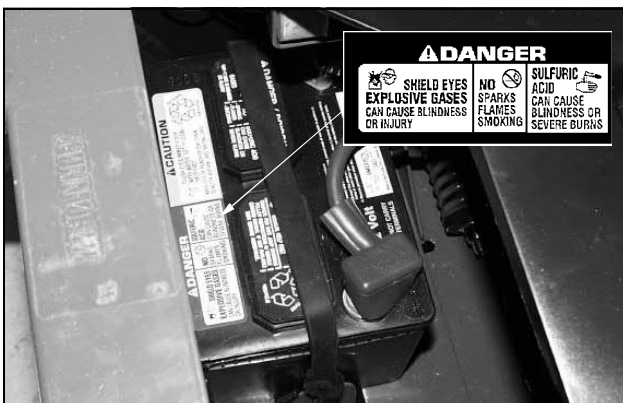
Flush eyes immediately with water. Get medical help fast.

Keep out of reach of children.

Do not tip.

Keep vent caps tight and level.

DANGER



MX6788, MX6787

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

WARNING: HOT SURFACE



MX6792, MX6793

Emission Control System Certification Label (Small Off-Road Gas Engines)

NOTE: *Tampering with emission controls and components by unauthorized personnel may result in severe fines or penalties. Emission controls and components can only be adjusted by EPA and/or CARB authorized service centers. Contact your John Deere Commercial and Consumer Equipment Retailer concerning emission controls and component questions.*

The presence of an emissions label signifies that the engine has been certified with the United States Environmental Protection Agency (EPA) and/or California Air Resources Board (CARB).

The emissions warranty applies only to those engines marketed by John Deere that have been certified by the EPA and/or CARB; and used in the United States and Canada in off-road mobile equipment.

Emission Compliance Period (Small Off-Road Gas Engines)

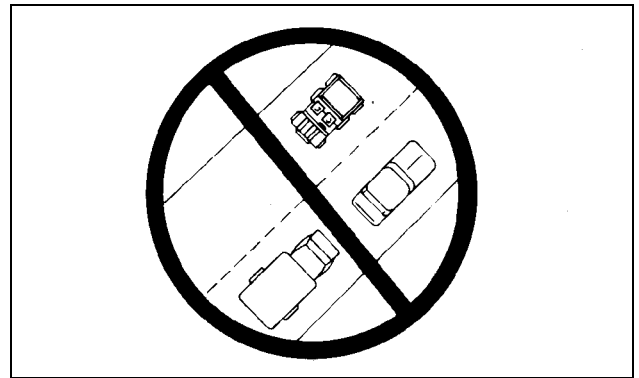
If your engine has the emission compliance category listed on the emission control system certification or air index label, this indicates the number of operating hours for which the engine has been certified to meet EPA and/or CARB emission requirements. The following table provides the engine compliance period in hours associated with the category found on the certification label.

Agency	Category	Hours
EPA	C	250
EPA	B	500

Agency	Category	Hours
EPA	A	1000
CARB	Moderate	125
CARB	Intermediate	250
CARB	Extended	500

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.



W00904

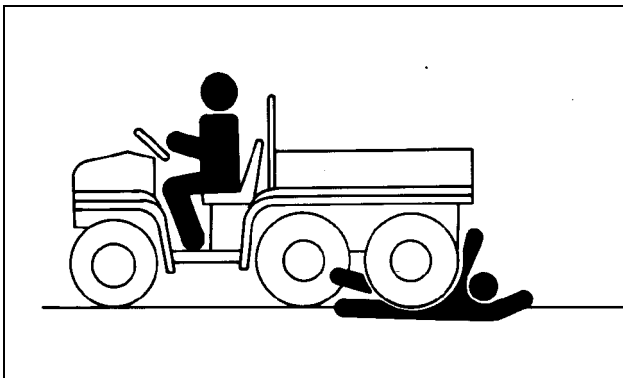
- The utility vehicle is not intended for use on highways or public roads. Do not operate vehicle on a road where the vehicle may be a hazard to faster-moving traffic.
- Horseplay or recreational riding can lead to accidents, severe bodily injury or death.
- Sit on the center of the seat and keep both 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

SAFETY

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.

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 attachment. DO NOT tow children in a cart or trailer.
- Use extra care when coming to blind corners, shrubs, trees, or other objects that may block vision.
- DO NOT let children or an untrained person operate the vehicle.
- Before backing or turning, look behind and around the utility vehicle for children.
- Be alert at all times, drive forward and in reverse carefully. People, especially children, can move quickly into an area of operation.
- Back carefully. Look behind the vehicle, especially for

children, before backing up.

- DO NOT operate vehicle if under the influence of alcohol or other drugs.
- Misuse and recreational riding can lead to accidents, severe bodily injury or death.

Operator Training Required



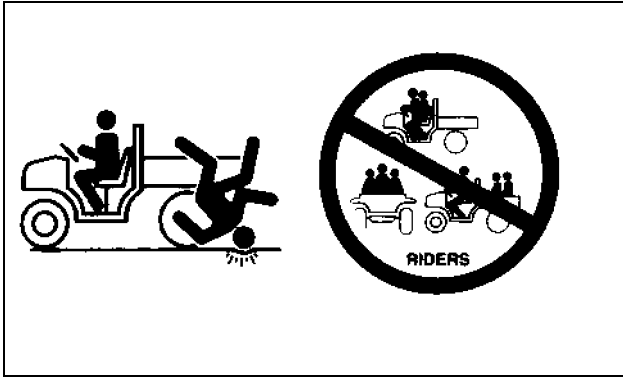
M78508

Study operation and safety sections of this manual before operating the vehicle.

- Operate vehicle in an open, unobstructed area under the direction of an experienced operator.
- Learn the use of all controls.
- Operator experience is required to learn the moving, stopping, turning and other operating characteristics of the vehicle.
- Young drivers may not have the strength or experience to control the utility vehicle. This increases the chances of rolling the vehicle over resulting in severe bodily injury or death.
- The utility vehicle should NOT be operated by anyone under the age of 16 years.

SAFETY

Keep Riders Off Vehicle

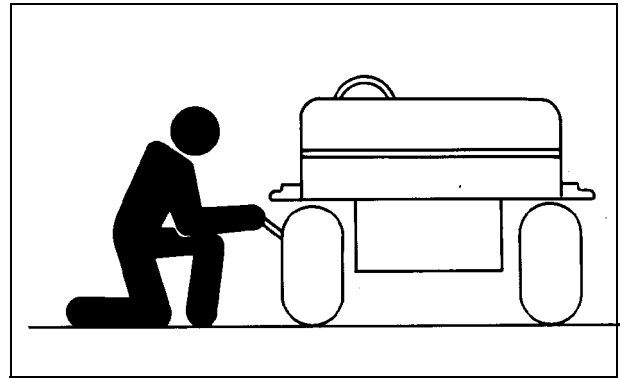


M78507

- Seating is provided for operator and one passenger. No riders are allowed in cargo box or anywhere else on vehicle.
- Riders on vehicle are subject to injury such as being struck by foreign objects or being thrown off of the vehicle and severely injured or killed.
- Riders affect the operator's ability to control the vehicle as well as its center of gravity. Also, riders could obstruct the operator's view resulting in the vehicle being operated in an unsafe manner.
- Never allow riders in the cargo box or other areas where seats are not provided.

Before Driving

1. Clean foot platform if dirty, and remove any debris from around foot controls. Sit on the center of seat and keep both feet inside foot platform perimeter.
2. Know location of controls and how and what they operate.
3. Inspect utility vehicle for signs of wear or damage.
4. All safety equipment must be in good condition and fastened in place:
 - Load guard.
 - Lights.
 - Shields.
 - Safety start devices.
5. Before moving, check around utility vehicle, be sure no one is near it.



W00901

6. Inspect mechanical condition of your vehicle before each use to minimize chance of injury or being stranded. Remember, you can ride farther in an hour than you can walk in a day.

Be sure to check condition of tires and wheels, wheel hardware torque, and maintain proper tire pressure.

7. Securely anchor all loads.

Parking Safely

1. Stop the 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.

Transport Loads Safely

Be sure load guard is properly installed.

Be sure load is evenly distributed.

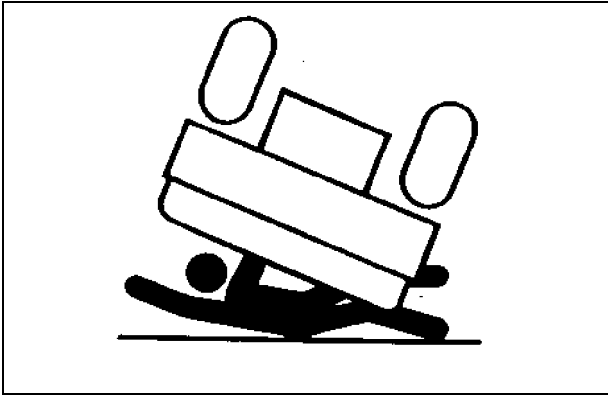
Do not load above load guard.

Securely anchor all loads in cargo box.

Reduce cargo box capacity when operating on rough or hilly terrain.

SAFETY

Avoid Tipping

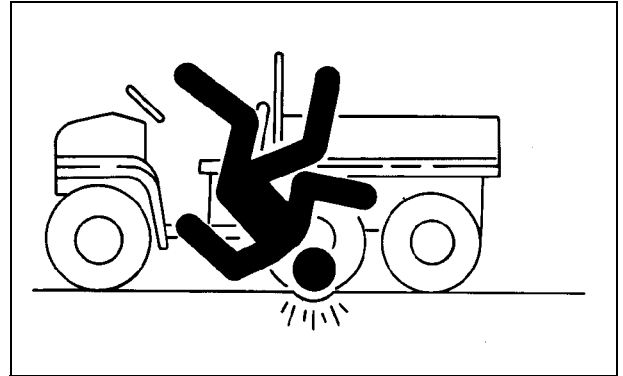


W15212

Accidents resulting in serious injury or death can occur from tipping the utility vehicle. Observe the following practices to help prevent accidents:

- DO NOT misuse the utility vehicle. The utility vehicle is not designed for recreational riding.
- Drive very slowly when turning. Sharp turns could cause the utility vehicle to tip over.
- Reduce speed and exercise extreme caution on slopes or on rough ground.
- DO NOT overload vehicle and avoid shifting loads. Reduce load when operating over rough or hilly terrain.
- DO NOT stop or start suddenly when going uphill or downhill. Be especially cautious when changing direction on slopes.
- Stay alert for holes, rocks, and other hidden hazards in the terrain.
- Keep front wheels straight at crest of hill or going over bumps.
- When descending a hill, remove foot from accelerator and apply brakes to reduce speed and maintain control.
- DO NOT make changes or modifications to the utility vehicle.
- Use of a helmet and/or protective gear is recommended for certain operating conditions.

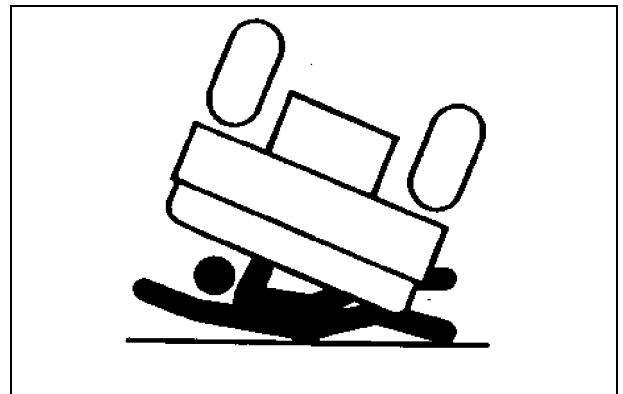
Driving On Rough Terrain



W00903

- Use existing trails. Avoid terrain such as dangerous slopes and impassable swamps. Watch carefully for sharp bumps, holes, ruts, or obstacles.
- Look ahead at terrain. Know what is coming and be prepared to react. Be alert for hazards.
- Keep front wheels straight at crest of hill or going over bumps.
- Reduce speed according to trail, terrain, and visibility conditions.
- Use of a helmet and or protective gear is recommended for certain operating conditions.

Climbing Or Descending A Hill



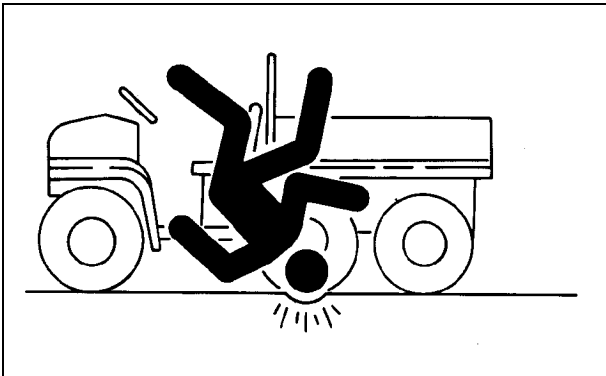
W15212

- Always use the brakes when going down slopes, the utility vehicle can speed up (freewheel) going down a slope. Due to belt drive, engine and/or clutch braking effect is minimal.
- Balance loads evenly and secure them. Braking could shift the load and affect vehicle stability.
- Sit on center of seat and keep both feet within foot platform.

SAFETY

- Never drive past the limit of visibility. Slow down near crest of hill until getting a clear view of the other side.
- Keep front wheels straight at crest of hill or going over bumps.
- Do not stop or start suddenly when going uphill or downhill. Be especially cautious when changing direction on slopes.
- If vehicle stops or loses power going up a hill, lock park brake to hold vehicle on slope. Maintain direction of travel and release brake slowly. Back straight down hill slowly while maintaining control. Do not turn vehicle sideways. Vehicle is more stable in a straight forward or rearward position.
- When descending a hill, remove foot from accelerator and apply brakes to reduce speed and maintain control.
- Use of a helmet and/or protective gear is recommended for certain operating conditions.

Driving Across Slopes



W00903

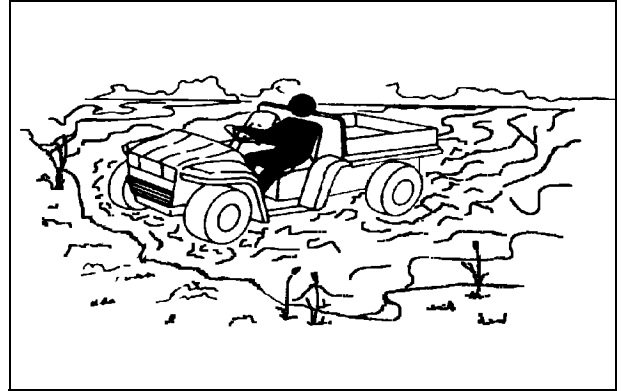
- Reduce speed and use caution on slopes and in sharp turns.
- Sit on center of seat and keep both feet within foot platform perimeter.
- Stay alert for holes, rocks and other hidden hazards in the terrain.
- When riding on soft terrain, turn front wheels slightly uphill to keep utility vehicle on a straight line across the hill.
- If utility vehicle begins to tip, turn front wheel downhill to gain control before proceeding.
- Use of a helmet or protective gear is recommended for certain operating conditions.

Riding Through Water

- Avoid water whenever possible. If drive belt becomes

wet, slippage will occur and vehicle will lose power.

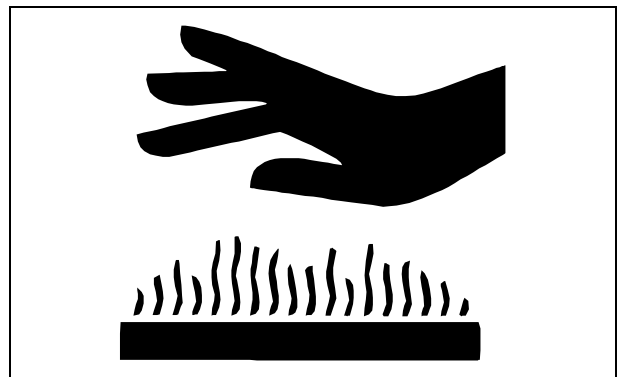
- Never cross any body of water where depth may be unknown to the operator. As an operational guideline, deep water is considered anything in excess of 152 mm (6 in.) in depth. Tires may float, making it difficult to maintain control.



M78558

- Sit on center of seat and keep both feet within foot platform perimeter.
- Choose a course within the waterway where both banks have a gradual incline. Cross at a point known to be safe.
- Proceed at a slow steady speed to avoid submerged obstacles and slippery rocks.
- Avoid water crossings where the operation of a utility vehicle may cause damage to waterway beds or erode waterway shoreline.

Prevent Fires



MIF

- Never remove fuel cap, or add fuel with engine running or hot. Allow engine to cool for several minutes.
- Never store equipment with fuel in the tank inside a building where fumes may reach an open flame or spark.
- Allow engine to cool before storing in any enclosure.
- To reduce fire hazard, keep engine free of grass, leaves, or excessive grease.

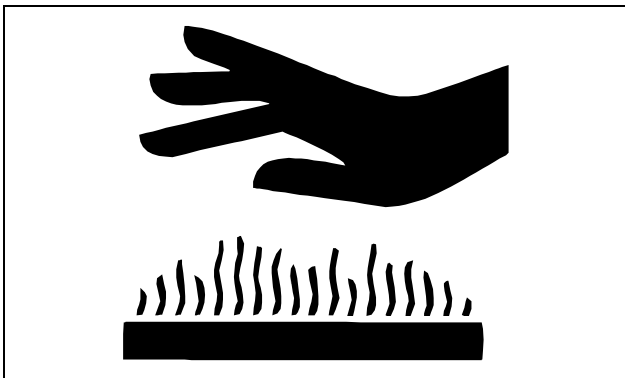
SAFETY

Practice Safe Maintenance



MIF

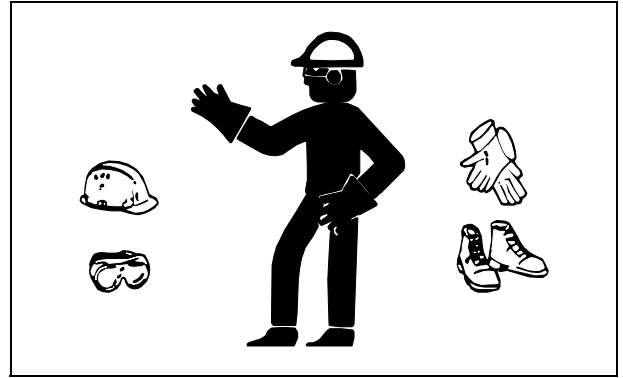
- Understand service procedure before doing work. Keep area clean and dry.
- Never lubricate, service, or adjust machine while it is moving. Keep safety devices in place and in working condition. Keep hardware tight.
- Keep hands, feet, clothing, jewelry, and long hair away from any moving parts, to prevent them from getting caught.



MIF

- Lower attachments to the ground before servicing machine. Disengage all power and stop the engine. Lock park brake and remove the key. Let machine cool.
- Securely support any machine elements that must be raised for service work.
- Never run engine unless park brake is locked.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.
- Disconnect battery negative (-) cable before making adjustments on electrical systems or welding on machine.
- Do not modify machine. Unauthorized modifications may impair its function and safety.
- Do not wear radio or music headphones while servicing the machine. Safe service requires your full attention.

Wear Appropriate Clothing



MIF

- Wear close fitting clothing and safety equipment appropriate for the job.
- Wear a suitable protective device such as earplugs. Loud noise can cause impairment or loss of hearing.
- Do not wear radio or music headphones. Safe service and operation requires your full attention.

Prevent Vehicle Runaway



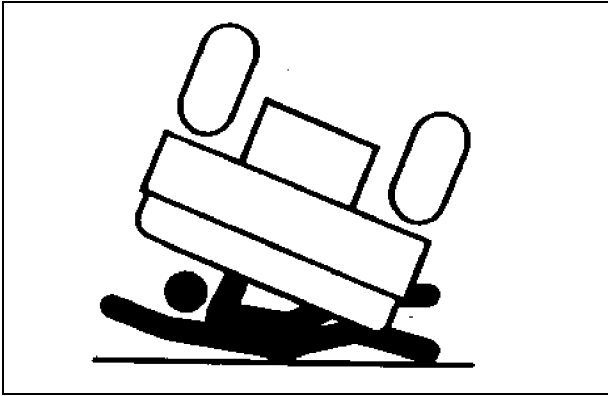
W00902

Avoid possible injury or death from vehicle runaway:

- Do not start engine by shorting across starter terminals. Machine will start in gear if normal circuitry is by-passed.
- NEVER start engine while standing on ground. Start engine only from operator's seat with park brake locked.

SAFETY

Do Not Modify Machine



W15212

Do not make any unauthorized modifications to the machine in anyway.

Modifications can result in making the machine unstable, increasing the possibility of rollover causing severe bodily injury or death.

Tire Safety



MIF

Explosive separation of a tire and rim parts can cause serious injury or death:

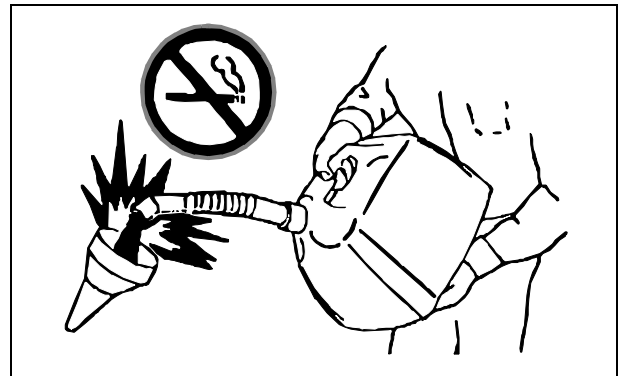
- Do not attempt to mount a tire without the proper equipment and experience to perform the job.
- Always maintain the correct tire pressure. Do not inflate the tires above the recommended pressure. Never weld or heat a wheel and tire assembly. The heat can cause an increase in air pressure resulting in a tire explosion. Welding can structurally weaken or deform the wheel.
- When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly.
- Check tires for low pressure, cuts, bubbles, damaged rims or missing lug bolts and nuts.

Checking Wheel Bolts

- A serious accident could occur causing serious injury if wheel bolts are not tight.
- Check wheel bolt tightness often during the first 100 hours of operation.

Handling Fuel Safely

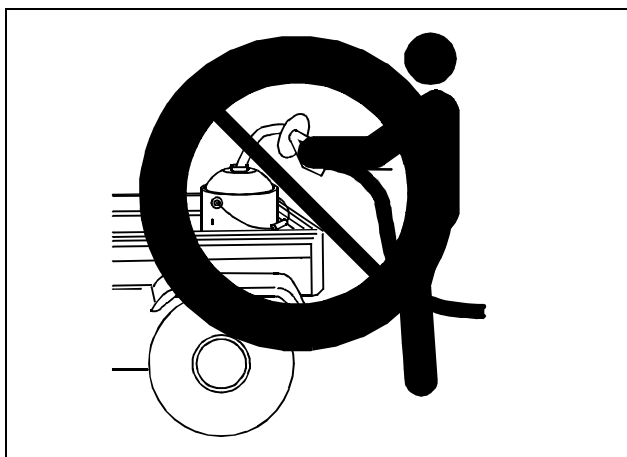
Fuel and fuel vapors are highly flammable:



MIF

- DO NOT refuel machine while you smoke, when machine is near an open flame or sparks, or when engine is running. STOP engine.
- Fill fuel tank outdoors.
- Prevent fires: clean oil, grease and dirt from machine. Clean up spilled fuel immediately.
- Do not store machine with fuel in tank in a building where fumes may reach an open flame or spark.
- Prevent fire and explosion caused by static electric discharge. Use only non-metal, portable fuel containers approved by the Underwriter's Laboratory (U.L.) or the American Society for Testing & Materials (ASTM). If using a funnel, make sure it is plastic and has no screen or filter.
- Static electric discharge can ignite gasoline vapors in an ungrounded fuel container. Remove the fuel container from the bed of a vehicle or the trunk of a car and place on the ground away from the vehicle before filling. Keep nozzle in contact with container opening while filling.

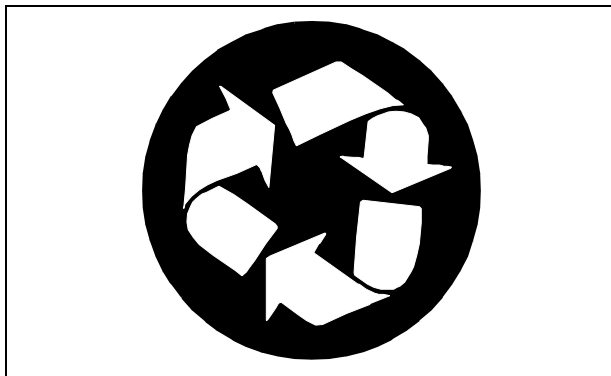
SAFETY



MIF

- When practical, remove equipment from trailers or truck beds and refuel them on the ground. If this is not possible, use a portable, plastic fuel container to refuel equipment on a truck bed or trailer.
- DO NOT use METHANOL gasoline. METHANOL is harmful to the environment and to your health.

Handling Waste Product and Chemicals



MIF

Waste products, such as, used oil, fuel, coolant, brake fluid, and batteries, can harm the environment and people:

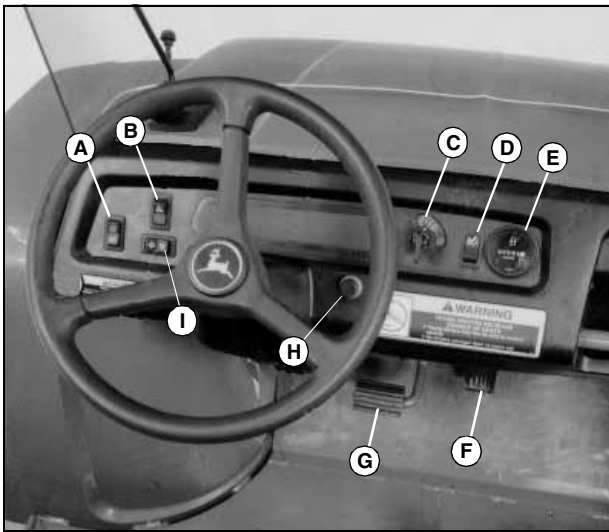
- DO NOT use beverage containers for waste fluids - someone may drink from them.
- See your local Recycling Center or John Deere dealer to learn how to recycle or get rid of waste products.
- A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques. The seller of the chemical products used with your machine is responsible for providing the MSDS for that product.

OPERATING

Daily Operating Checklist

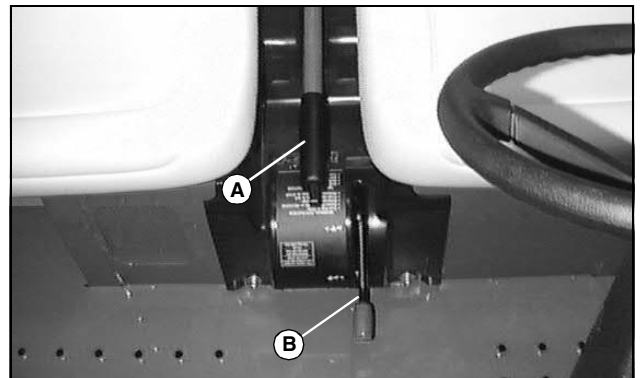
- ☐ Test safety systems.
- ☐ Check tire pressure.
- ☐ Check fuel level.
- ☐ Check engine oil level.
- ☐ Check air intake is clear.
- ☐ Clean operator's station and engine compartment.

Operator Controls



W02602

- A - Cargo Box Power Lift Switch (Optional)**
- B - Warning Light Switch (Optional)**
- C - Key Switch**
- D - Headlight Switch**
- E - Hour Meter (Optional on Early Models)**
- F - Accelerator Pedal**
- G - Brake Pedal**
- H - Horn (Optional)**
- I - Turn Signal Switch and Indicator (Optional)**



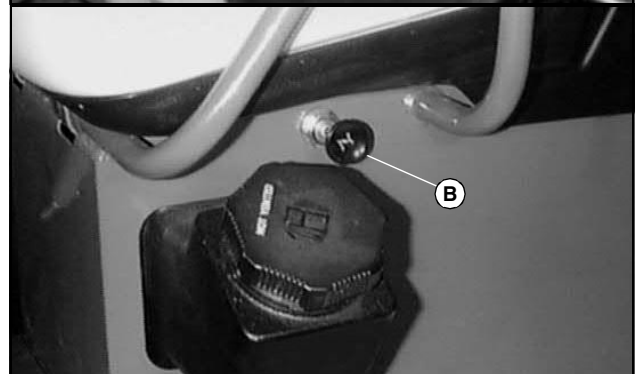
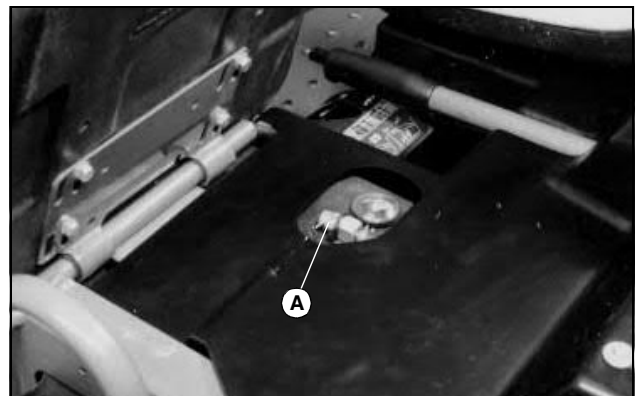
M78559

A - Park Brake Lever

B - Transaxle Shift Lever

Miscellaneous Controls

NOTE: Fuel shut-off valve installed on early model machines only.



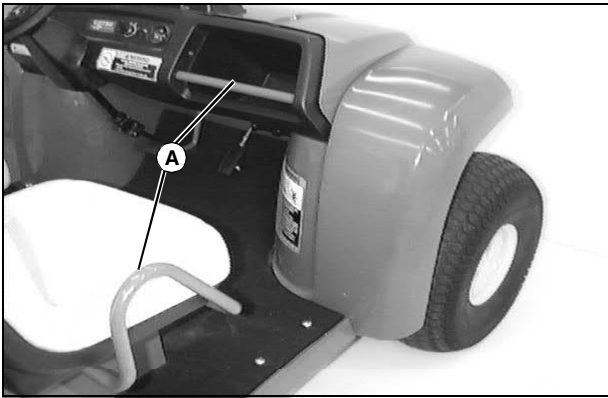
W02625, M78464

A - Fuel Shut Off Valve

B - Choke

OPERATING

Using Hand Holds

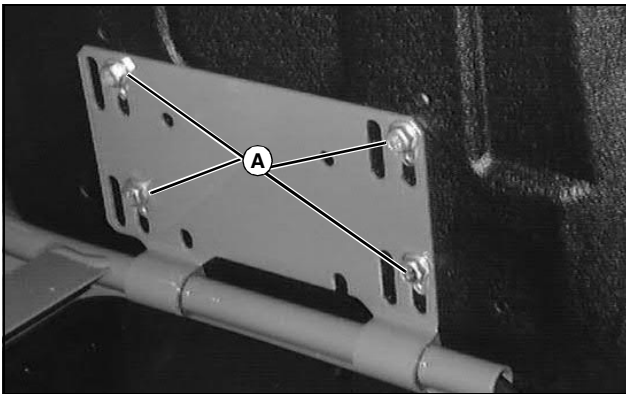


M78475

Hand holds (A) are provided for passenger balance when driving over rough terrain. Use dash bar and side rails on seats for stability.

Adjusting Seats

1. Tip seat forward.



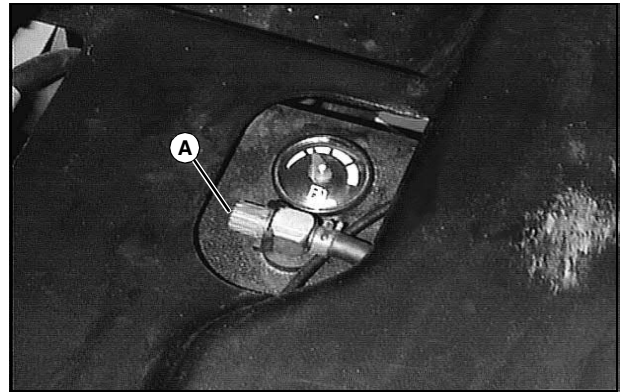
M78515

2. Loosen seat screws (A).
3. Slide seat forward or rearward to desired position.
4. Tighten seat bracket hardware to 10 N•m (7 lb-ft).

Using Fuel Shut-Off Valve

NOTE: Fuel shut-off valve is installed on early model machines only. Turn valve to OFF (closed) position before transporting or storing the machine.

1. Tip operator's seat forward.



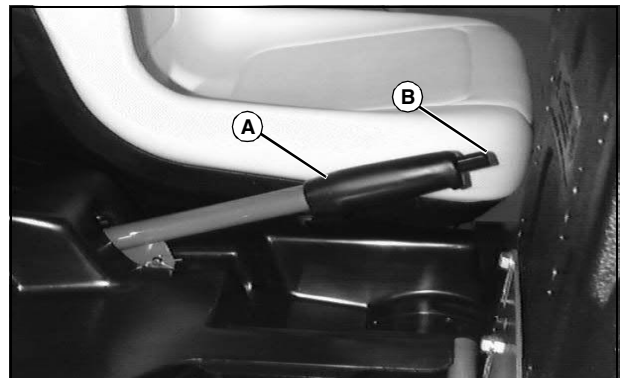
M78466

2. Turn knob (A) to shut off or turn on fuel flow. Valve is on when arrow on knob faces upward.

Using Park Brake

NOTE: Pushing down on brake pedal while locking and unlocking park brake decreases effort required to apply park brake lever.

Park brake lever is a 3-position lever. Always place lever in highest position when parking vehicle.



M78533

Locking the Park Brake

1. Push down on brake pedal.
2. Pull up on lever (A) and latch into highest position.

Unlocking the Park Brake

1. Push down on brake pedal.
2. Pull up on lever (A).
3. Depress button (B).
4. Release lever down completely.



Suggest:

If the above button click is invalid.

Please download this document first, and then click the above link to download the complete manual.

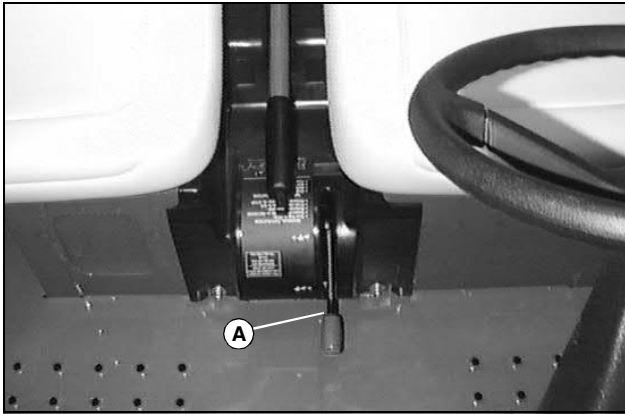
Thank you so much for reading

OPERATING

Using Transaxle Shift Lever

IMPORTANT: Avoid damage! Do not shift gears when vehicle is moving or with engine running. Stop vehicle motion and engage shift lever with a firm positive action.

1. Stop machine.
2. Allow engine to come to a complete stop.



M78559

3. Select a gear position:
 - FORWARD - Push shift lever (A) forward.

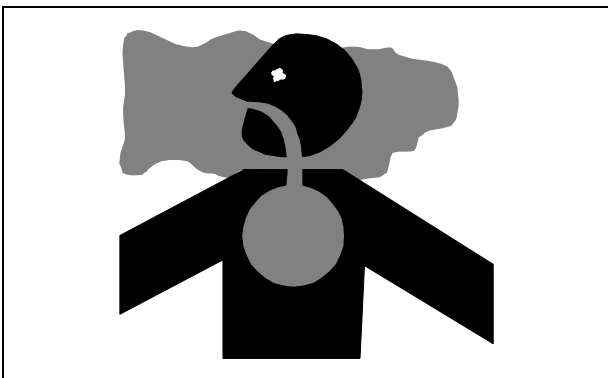
NOTE: Reverse warning indicator will sound when shift lever is placed in REVERSE gear.

- REVERSE - Pull shift lever (A) rearward.

NOTE: An audible “click” may be heard when pressing the accelerator pedal after shifting. This is the transaxle completing its internal engagement.

4. Begin vehicle travel.

Testing Safety Systems



CAUTION: Avoid injury! Engine exhaust fumes contain carbon monoxide and can cause serious illness or death.

Move the machine to an outside area before running the engine.

Do not run an engine in an enclosed area without adequate ventilation.

- Connect a pipe extension to the engine exhaust pipe to direct the exhaust fumes out of the area.
- Allow fresh outside air into the work area to clear the exhaust fumes out.

The safety systems are designed to protect the operator and bystanders. Use the following checkout procedures to test the safety systems.

If there is a malfunction during one of these procedures, Do not operate machine. **See your John Deere dealer for service.**

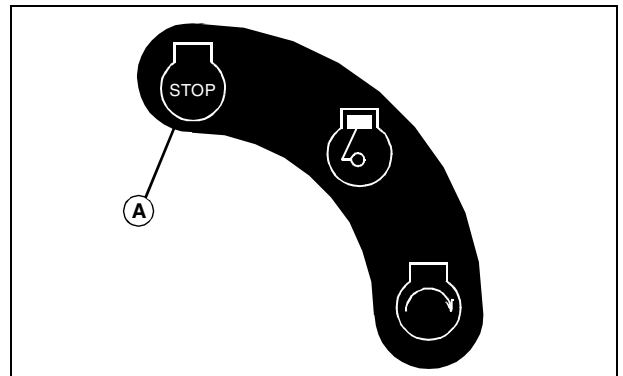
Perform these tests in a clear open area. Keep bystanders away.

Testing Key Switch



CAUTION: Avoid injury! Pressing the accelerator pedal will start engine and cause vehicle to move immediately in the direction of the selected gear if there is a problem with the safety interlock circuit. Be prepared at all times during testing for the vehicle to start and move. Make sure no bystanders or obstacles are in path of vehicle.

1. Sit on the operator's seat.



MIF

2. Place key switch in STOP position (A).

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>