

**JOHN DEERE**  
**AG & TURF DIVISION**

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**GATOR™ Utility Vehicle**  
**TE**

OMM168613 J2

**OPERATOR'S MANUAL**



**JOHN DEERE**

Export Version  
Printed in U.S.A.

# Introduction

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## 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 (-----), 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 use in customary utility operations, park and amenity area maintenance, for appropriate agricultural operations, and for winter work. Use in any other way is considered as contrary to the intended use.

This machine is not intended for use in forestry operations, unless equipped with a Falling Objects Protection Structure (FOPS) and/or Occupant Protective Structure (OPS). The

operator station does not provide adequate protection to the occupants in that environment unless equipped with a FOPS and/or OPS.

The cab available from the manufacturer is not designed to provide adequate protection from hazardous substances. The operator must wear appropriate personal protection equipment.

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

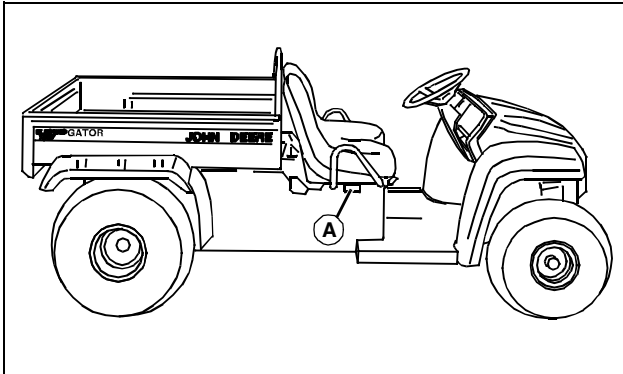
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## Record Identification Numbers

GATOR™ Utility Vehicle TE PIN (070001-)

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.



DATE OF PURCHASE:

\_\_\_\_\_

DEALER NAME:

\_\_\_\_\_

DEALER PHONE:

\_\_\_\_\_

PRODUCT IDENTIFICATION NUMBER (A):

\_\_\_\_\_

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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

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Safety Labels .....	1
Safety Labels .....	2
Safety .....	5
Operating Controls .....	10
Operating .....	11
Replacement Parts .....	31
Service Intervals .....	32
Service Battery .....	33
Service Electrical .....	46
Service Miscellaneous .....	50
Troubleshooting .....	54
Storage .....	56
Specifications .....	58
Declaration of Conformity .....	61
Index .....	62

Original Instruction

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John Deere Ag & Turf Division

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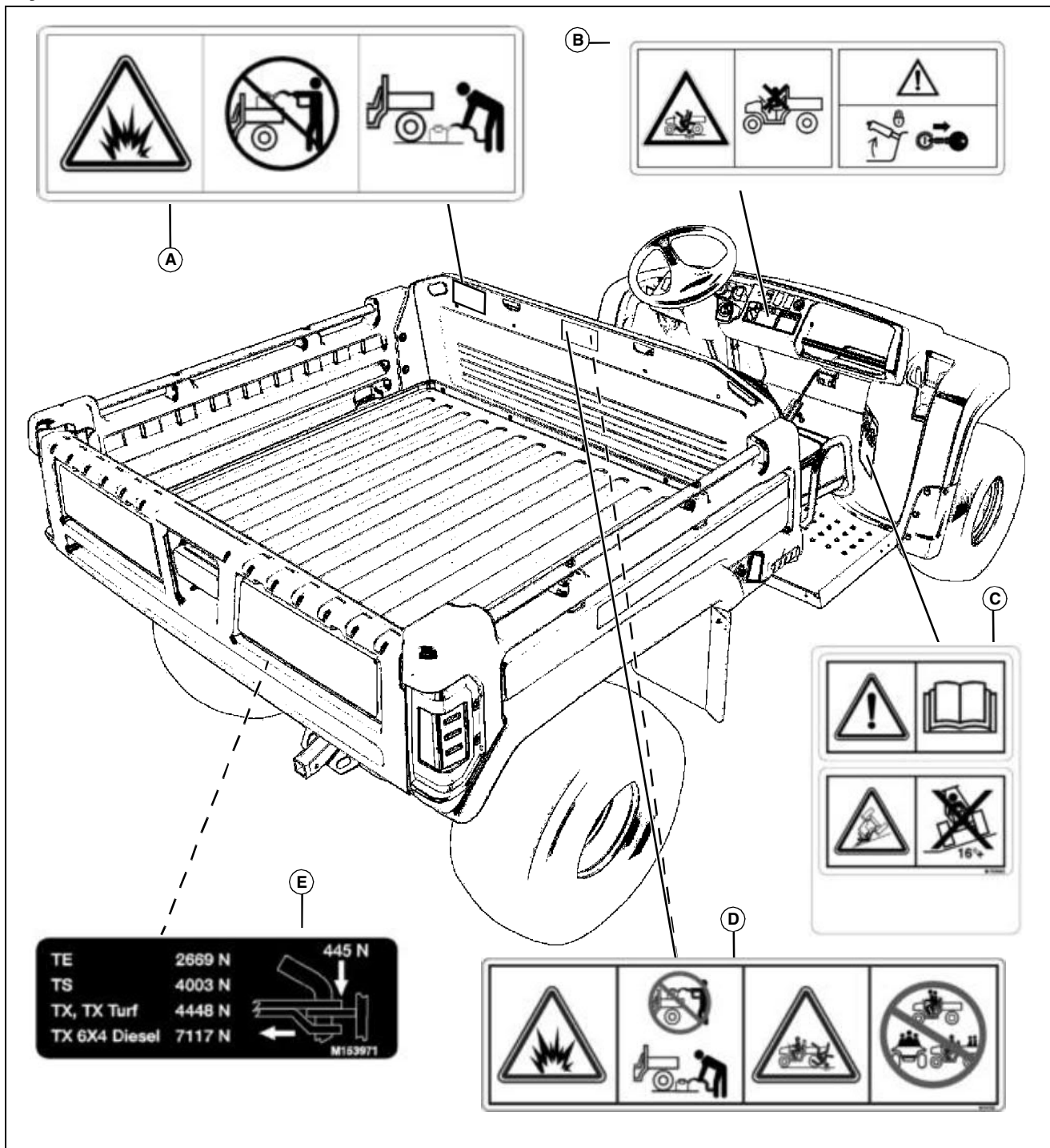
Previous Editions

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OMM168613 J2 - English

# Safety Labels

## Safety Label Location



MX43078

D - WARNING - M161725

E - DRAWBAR - M153971

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

A - WARNING - M151630

B - WARNING/CAUTION - M153941

C - WARNING - M153943

# Safety Labels



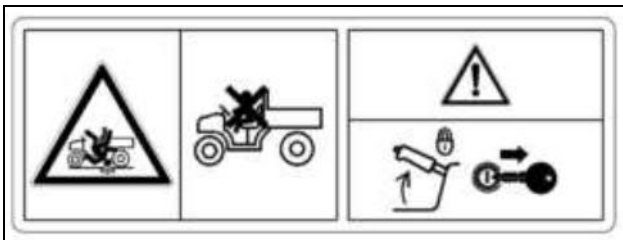
## Pictorial Safety Signs

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 section.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

### Warning M153941

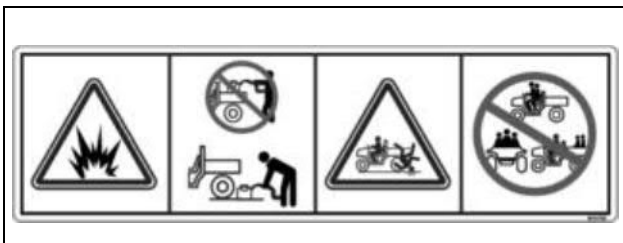
**WARNING: YOUNG DRIVERS INCREASE CHANCE OF DEATH**



M153941

- Young drivers may not be able to control vehicle.
- No drivers younger than 16 years old.
- Before Leaving Vehicle:
  - Stop engine.
  - Set park brake.
  - Remove key.

### WARNING M161725



M161725

**AVOID INJURY FROM EXPLOSION**

- Do not place gas container inside cargo bed when filling
- Place gas container on ground when filling

**RIDERS CAN FALL OFF AND BE KILLED**

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

### Warning M153943

**WARNING - ROLLOVER OR FALLING OFF MAY CAUSE DEATH**

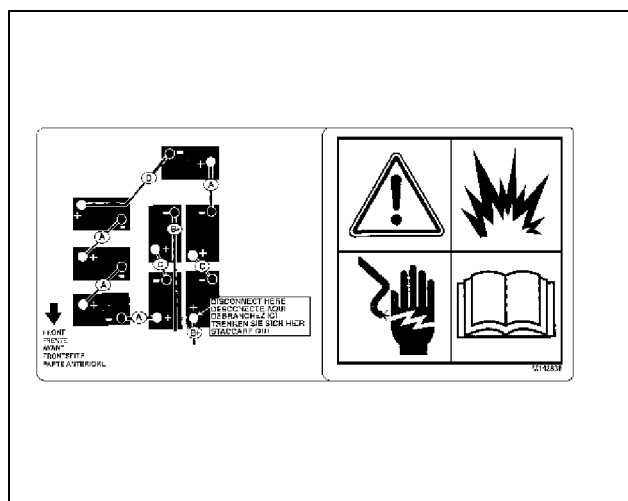


M153943

- Read operator's manual.
- Drive very slowly when turning.
- Always use brake when going down a slope. Vehicle can take-off (freewheel) downhill.
- No loads heavier than:
  - 500 lbs (227 kg) in TS
  - 600 lbs (272 kg) in TX, TX TURF
  - 1000 lbs (454 kg) in TH 6x4
  - 1200 lbs (544 kg) in TH 6x4 Diesel
- Spread load evenly. Tie loads down.
- Reduce speed and load on rough or hilly ground.

## Safety Labels

### DANGER M142836

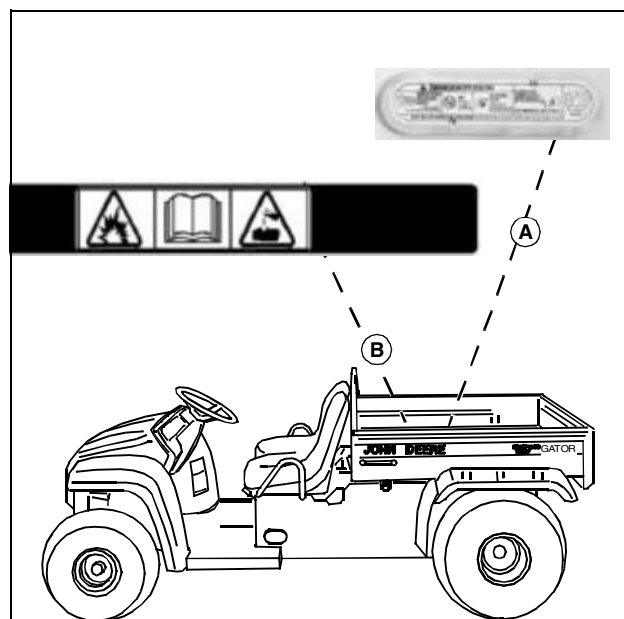


M142836

#### To avoid injury from electrical burns or battery explosion

- Read the operator's manual.
- Turn key off, press directional control switch into Neutral (N), and remove key.
- Move the service/drive switch to the SERVICE position.
- Never disconnect a circuit under load at a battery terminal.
- Remove all jewelry (rings, watches etc.).
- Use insulated tools only.
- Disconnect batteries, as shown, to avoid unintentional starting of vehicle. Pay close attention to polarities when connecting batteries. Always connect the red end of the cable to the positive (+) post and the black end of the cable to the negative (-) post.

### DANGER/POISON W02335



M95709A, W02335b

**Picture Note:** Raise cargo box to locate battery safety information. English DANGER/POISON information (A) molded into battery caps. No-text DANGER/POISON labels (B) are located on each vehicle frame side rail.

#### Explosive Gases

Cigarettes, flames or sparks could cause the batteries to explode. Always shield eyes and face from the batteries. Do not charge or use booster cables or adjust poor connections without proper instruction and training. Keep vent caps tight and level.

#### Causes Severe Burns

Contains sulfuric acid. Avoid contact with skin, eyes or clothing. In event of an accident, flush with water and call a physician immediately. Keep out of reach of children.

## Safety Labels

### DANGER M144430



M144430

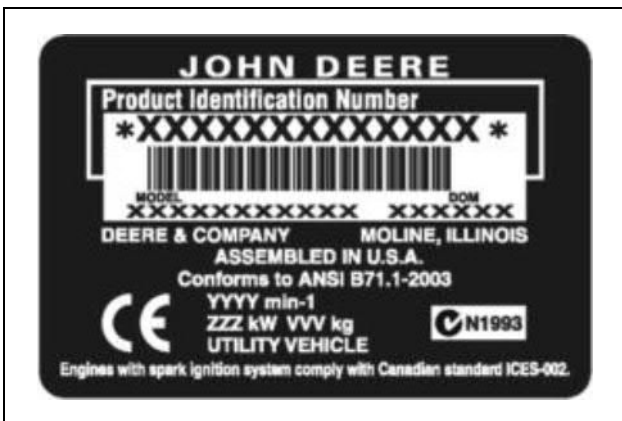
**Picture Note: Lift operator seat to locate safety labels.**

### To avoid injury from batteries and motor exploding or electrical arcing/shock:

Place switch in SERVICE position before servicing batteries or when towing.

Do not tow in excess of 15 m.p.h. (24 km/h) or motor may rupture or disintegrate.

### CE Label



AM140193

This label is part of the utility vehicle identification plate on your utility vehicle. It indicates that your vehicle model has been certified and is in compliance with European Directive Standards: 98/37/EC (before December 29, 2009) or 2006/42/EC (89/392/EEC).

# Safety

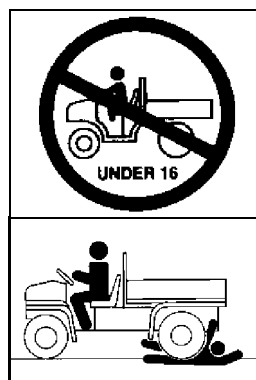
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## Operating Safely

- Read, understand and follow all instructions in the operator's manual and on the machine before starting.
- Do not misuse the utility vehicle. It is a utility vehicle, not a recreation vehicle.
- The utility vehicle is not intended for use on highways or public roads. It is to be used for off-road use only.
- Slow down and be careful of traffic when operating near or crossing roadways. Use care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.
- The operator should always make sure that the passenger is aware of correct safety procedures while riding in the utility vehicle.
- The passenger should always use the hand holds.
- 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 under cargo box, 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 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.
- Do not leave vehicle unattended when it is running.
- Operate during daylight or with good artificial light and if you drive at night, use the lights.
- Do not operate vehicle if under the influence of alcohol or other drugs.
- Avoid sudden starts, stops, or turns.
- Always use a level turn-around area.
- Do not wear radio or music headphones. Safe service and operation require your full attention.

## Parking Safely

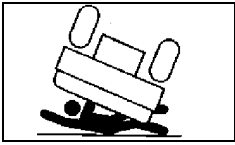
1. Stop vehicle on a level surface, not on a slope.
2. Lock park brake.
3. Stop engine.
4. Remove key.
5. Before you leave the operator's seat, wait for all moving parts to stop.
6. Put the service and drive switch into the service position before servicing the machine.



## Protect Children and Prevent Accidents

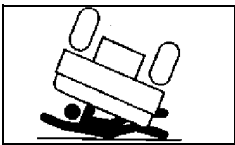
- This utility vehicle should not be operated by anyone under the age of 16 years.
- Young drivers may not be physically able to control the machine or may not be mature enough to make safe driving decisions.
- Do not allow children to ride as a passenger in this vehicle. Children may not be able to sit safely in the passenger seat and use handholds properly.
- Passengers should always use the handholds while the vehicle is moving.
- The seat belt installed on utility vehicles with an Occupant Protective Structure (OPS) is not designed to restrain a child.
- Never carry passengers, especially children, in the cargo box area. Do not tow children in a cart or trailer.
- Never assume that children will remain where you last saw them. Stay alert to the presence of children.
- 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.
- Use extra care when coming to blind corners, shrubs, trees, or other objects that may block vision.
- Misuse and recreational riding can lead to accidents, severe bodily injury or death.

# Safety



## Avoid Excessive Speeds

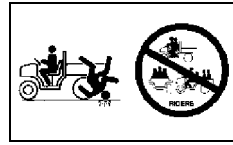
- Always travel at a speed that is safe and proper for the terrain, visibility and operating conditions, and your experience operating the machine.
- Use caution when operating the machine in reverse. Use a slow speed and do not make sharp turns. Always look behind before backing.
- Never travel at excessive speeds on slopes, either going up or down. Use a slow speed and do not make sharp turns. Become experienced driving the machine on small slopes before driving on larger hills.



## Avoid Tipping

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 away from drop-offs, ditches, embankments, as well as ponds and other bodies of water. The machine could suddenly roll over if a wheel goes over the edge of a cliff or ditch or if the edge caves in.
- 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.
- This list of potential overturning hazards is not exhaustive.



## Keep Riders Off Vehicle

- Seating is provided for operator and one adult passenger.
- Never allow riders in the cargo box or other areas where seats are not provided.
- 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.

## Transport Loads Safely

- Be sure load is evenly distributed in cargo box.
- Do not load above load guard.
- Securely anchor all loads in cargo box.
- Reduce cargo box load when operating on rough or hilly terrain.

## Towing Loads Safely With Utility Vehicle

- To provide adequate braking ability and traction, the weight of the towing vehicle (base vehicle + vehicle payload) should be at least 1.5 times the weight of the towed load (attachment or trailer + trailer payload). Caution, do not allow the Gross Vehicle Weight (GVW) to exceed the Gross Vehicle Weight Rating (GVWR) of the vehicle.
- To provide adequate braking ability and traction, weight of towed load (trailer plus cargo) must never exceed the vehicle payload (operator plus passenger plus cargo box load).
- Do not tow a load that exceeds the maximum allowable towing load for this vehicle, as specified in this operator's manual.
- Stopping distance increases with speed and weight of towed load. Travel slowly and allow extra time and distance to stop.
- Tow load at a speed slow enough to maintain control.
- Excessive towed load can cause loss of traction and loss of control on slopes. Reduce towed weight when operating on slopes.
- Never allow children or others in or on towed equipment.
- Use only approved hitches. Tow only with a machine that has a hitch designed for towing. Do not attach towed equipment except at the approved hitch point.

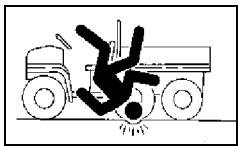
# Safety

- Follow the manufacturer's recommendations for weight limits for towed equipment and towing on slopes.
- If you cannot back up a slope with a towed load, the slope is too steep to operate on with the towed load. Reduce the towed load or do not operate.
- Do not turn sharply. Use additional caution when turning or operating under adverse surface conditions. Use care when reversing.
- Do not shift to neutral and coast downhill.

## Before Driving

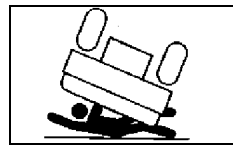
1. Clean foot platform if dirty, and remove any debris from around foot controls. Sit on the center of seat and keep both feet inside foot platform perimeter.
2. Inspect utility vehicle for signs of wear or damage.
3. All safety equipment must be in good condition and fastened in place:
  - Lights.
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



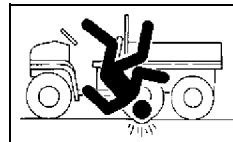
## Driving On Rough Terrain

- Use existing trails. Avoid terrain such as dangerous slopes and impassable swamps. Watch carefully for bumps, holes, ruts, loose terrain, or other 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.
- The passenger should always use the hand holds.



## Climbing Or Descending A Hill

- Always use the brakes when going down slopes, the utility vehicle can speed up (freewheel) going down a slope. Engine 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.
- 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, apply foot brake to hold vehicle on slope. Use the directional control switch to change the vehicle direction to reverse and release foot 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.



## Driving Across Slopes

- Reduce speed and use caution on slopes and in sharp turns.
- 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.

## Riding Through Water

- Avoid water whenever possible.
- 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.
- Choose a course within the waterway where both banks have a gradual incline. Cross at a point known to be safe.

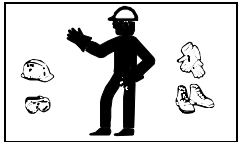
# Safety

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- 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.

## Checking Wheel Hardware

- A serious accident could occur causing serious injury if wheel hardware is not tight.
- Check wheel hardware tightness often during the first 100 hours of operation.
- Wheel hardware must be tightened to specified torque using the proper procedure anytime it is loosened.



## Wear Appropriate Clothing

- Wear close fitting clothing and safety equipment appropriate for the job.
- Certain operating conditions may dictate that the operator and any passenger wear appropriate safety equipment while operating the vehicle. Be prepared for any existing and potential conditions before operating machine.
- Local safety or insurance regulations may require additional safety equipment such as eye protection or a hard hat.
- Always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.



## Practice Safe Maintenance

- Only qualified, trained adults should service this machine.
- 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 hands, feet, clothing, jewelry, and long hair away from any moving parts, to prevent them from getting caught.
- Engage service switch or disconnect battery before making any repairs.
- Keep all nuts and bolts tightened.
- Securely support any machine elements that must be

raised for service work. Lock service latches before working on machine with raised attachments.

- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Replace all worn or damaged safety and instruction decals.
- To prevent fires, remove any buildup of grease, oil, or debris from the machine, especially the engine.
- Do not modify machine or safety devices. 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.
- Disconnect battery ground cable (-) on the machine or remove attachment from machine before welding on the machine.

## Prevent Fires

- Machine fires and structure fires can occur if a machine is stored before allowing it to cool, if debris is not removed from critical areas of the machine, or if machine is stored near combustible materials.
- Remove grass and debris from engine compartment and muffler area, before and after operating machine.
- Always shut off fuel when storing or transporting machine, if the machine has a fuel shutoff.
- Do not store machine near an open flame or source of ignition, such as a water heater or furnace.
- Check fuel lines, tank, cap, and fittings frequently for cracks or leaks. Replace if necessary.

## Do Not Modify Machine

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

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



## Tire Safety

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

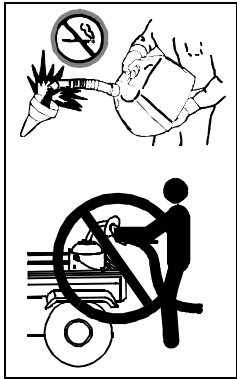
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# Safety

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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.



## Handling Fuel Safely

**To avoid personal injury or property damage, use extreme care in handling fuel. Fuel is extremely flammable and fuel vapors are explosive:**

- Extinguish all cigarettes, cigars, pipes, and other sources of ignition.
- Use only approved non-metal, portable fuel containers. If using a funnel, make sure it is plastic and has

no screen or filter.

- Never remove the fuel tank cap or add fuel with the engine running. Allow engine to cool before refueling.
- Never add fuel to or drain fuel from the machine indoors. Move machine outdoors and provide adequate ventilation.
- Clean up spilled fuel immediately. If fuel is spilled on clothing, change clothing immediately. If fuel is spilled near machine, do not attempt to start the engine but move the machine away from the area of spillage. Avoid creating any source of ignition until fuel vapors have dissipated.
- Never store the machine or fuel container where there is an open flame, spark, or pilot light such as on a water heater or other appliance.
- Prevent fire and explosion caused by static electric discharge. Static electric discharge can ignite fuel vapors in an ungrounded fuel container.
- Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before fueling.
- Remove fuel-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment with a portable container, rather than from a fuel dispenser nozzle.
- Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until the fueling is complete. Do not use a nozzle lock-open device.
- Never overfill fuel tank. Replace fuel tank cap and tighten securely.

- Replace all fuel container caps securely after use.
- For gasoline engines, do not use gas with methanol. Methanol is harmful to your health and to the environment.

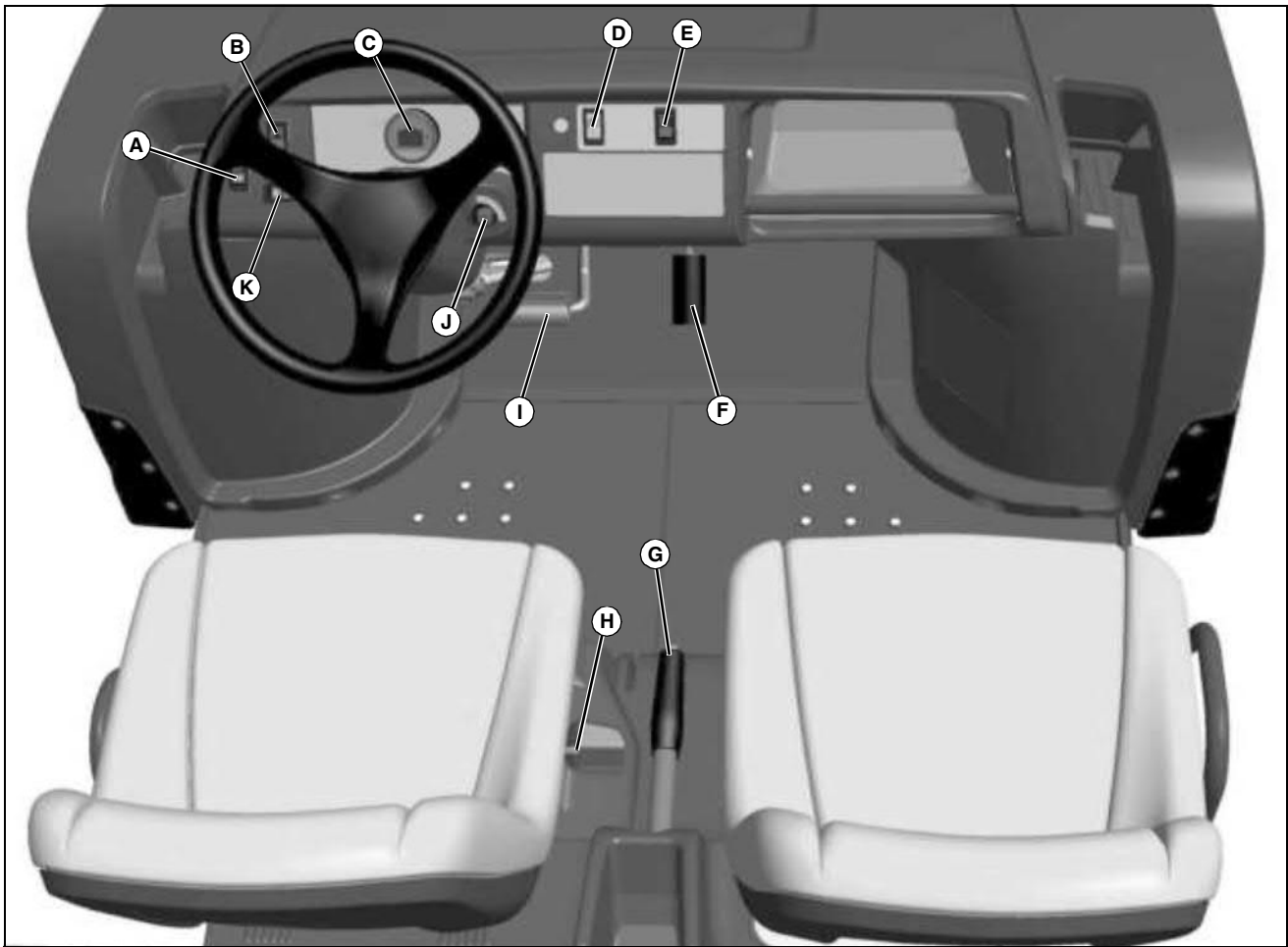
## Handling Waste Product and Chemicals

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 authorized dealer to learn how to recycle or get rid of waste products.
- See your local Recycling Center or authorized dealer to learn how to put your machine out of service at the end of the machine's service life.

# Operating Controls

## Operator Station Controls



MX50535

on your machine.

**Picture Note: Some controls may not be installed**

Key	Description
-----	-------------

- |   |                             |
|---|-----------------------------|
| A | Cargo Box Power Lift Switch |
| B | Hazard Switch               |
| C | Charge Meter/Hour Meter     |
| D | Directional Control Switch  |
| E | Headlight Switch            |
| F | Accelerator Pedal           |

Key	Description
-----	-------------

- |   |                      |
|---|----------------------|
| G | Park Brake Lever     |
| H | Service/Drive Switch |
| I | Foot Brake Pedal     |
| J | Key Switch           |
| K | Turn Signal Switch   |

# Operating

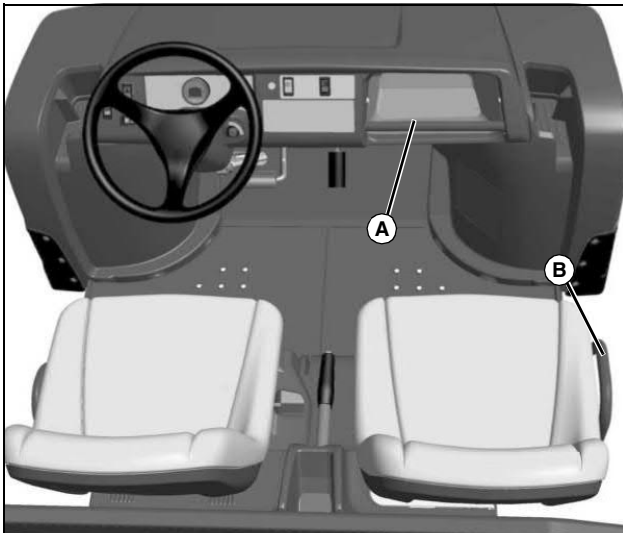
## Daily Operating Checklist

- Test safety systems.
- Check tire pressure.
- Check brakes and park brake operation.
- Tighten loose hardware.
- Check area below machine for leaks.
- Check charger and vehicle battery receptacle for damage.
- Visually inspect condition of batteries.
- Charge battery set.

## Avoid Damage to Plastic and Painted Surfaces

- Do not wipe plastic parts unless rinsed first. Using a dry cloth may cause scratches.
- Insect repellent spray may damage plastic and painted surfaces. Do not spray insect repellent near machine.
- Be careful not to spill fuel on machine. Fuel may damage surface. Wipe up spilled fuel immediately.
- Prolonged exposure to sunlight will damage hood surfaces.

## Using Hand Holds



The dash bar (A) and side rail (B) hand holds are provided for passenger balance.

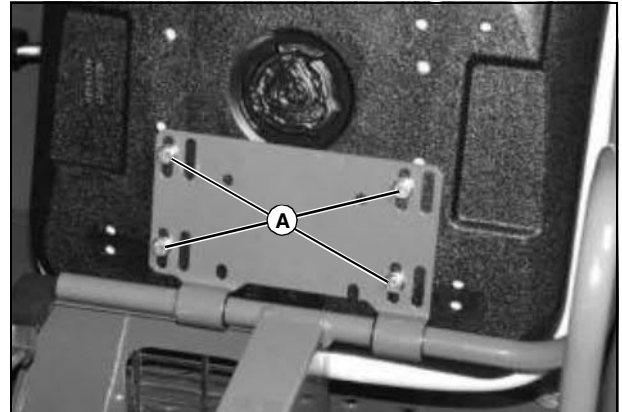
- Use hand holds when entering and exiting the machine.
- When a passenger is present, the passenger must use at

least one hand hold at all times while the machine is moving.

## Adjusting Standard Seat

1. Tip seat forward.

**NOTE:** If seat is removed, install seat hardware in the correct slots in the bracket. Always use set of slots closest to center of vehicle when installing seat.



**Picture Note:** Passenger seat shown.

2. Hold onto seat and loosen cap screws (A).
3. Slide seat forward or rearward for desired position.
4. Tighten seat cap screws to 12.2 N•m (9 lb-ft).

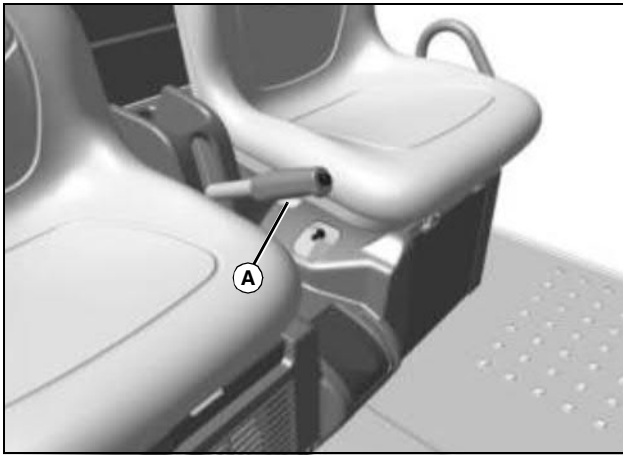
## Adjusting Driver Seat With Optional Lever System



**CAUTION:** Avoid injury! Never adjust seat while machine is moving. Stop machine before adjusting seat to prevent loss of machine control.

1. Stop machine and move transaxle shift lever to the neutral position.
2. Lock park brake.

# Operating



MX35383

3. Pull up on lever (A), and slide seat forward or rearward until seat locks in place.
4. Release lever.

## Testing Safety Systems

Use the following checkout procedure to check for normal operation of the utility vehicle.

If there is a malfunction during one of these procedures, DO NOT operate the vehicle. (See a John Deere dealer for service.)

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

### Test 1 (REVERSE WARNING ALARM)

**NOTE: Perform this test with the vehicle parked on a hard, level surface.**

1. Move the service/drive switch to the DRIVE position.
2. Sit on the operator's seat.
3. Lock park brake/emergency stop.
4. Turn the key switch to the ON "1" position.
5. Press the directional control switch to the REVERSE position.
  - The reverse warning alarm should be a continuous tone.

### Test 2 (ROLL-AWAY ALARM)

**NOTE: Perform this test with the vehicle parked on a hard, level surface.**

1. Move the service/drive switch to the DRIVE position.
2. Sit on the operator's seat.
3. Unlock park brake/emergency stop.
4. Turn the key switch to the ON "1" position.

5. Press the directional control switch to the FORWARD position.
6. Roll vehicle forward and rearward slightly.
  - The vehicle should resist movement and the roll away alarm should begin an intermittent tone.
7. Press the directional control switch to the NEUTRAL position.
8. Roll vehicle forward and rearward slightly.
  - The vehicle should resist movement and the roll away alarm should begin an intermittent tone.

**NOTE: When the directional control switch is placed into REVERSE, the reverse warning alarm a continuous tone will sound.**

9. Press the directional control switch to the REVERSE position.
  - The reverse warning alarm should start a continuous tone.
10. Turn the key switch to the OFF "0" position.
11. Repeat steps 5-9.
  - The vehicle should resist movement and the roll away alarm should begin an intermittent tone.

### Test 3 (OPERATOR PRESENCE)

1. Move the service/drive switch to the DRIVE position.
2. Sit on the operator's seat.
3. Lock park brake/emergency stop.
4. Turn the key switch to the ON "1" position.
5. Move the directional control switch to the forward or neutral position.
6. Raise from operator's seat.
  - After approximately two seconds, the alarm should sound a continuous tone.

### Test 4 (CHARGER INTERLOCK)

1. Move the service/drive switch to the DRIVE position.
2. Lock park brake.

## Operating

**NOTE:** It is necessary to connect the input power plug to an electrical outlet when performing this test.



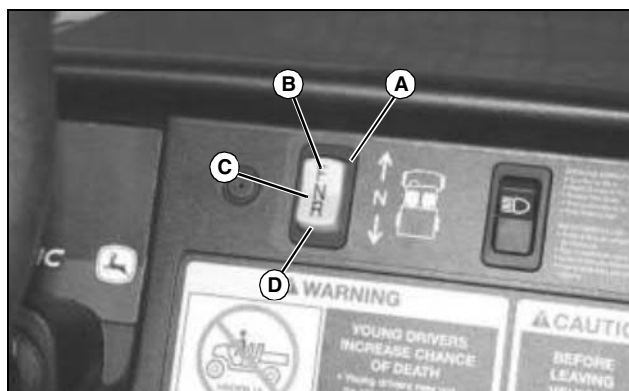
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3. Plug the input power cable (A) into the battery charger cable (B) located below the passenger seat on the right side of the vehicle.
4. Turn the key switch to the ON "1" position.
5. Move the directional control switch to the reverse position.
  - The reverse warning alarm must not sound.
6. Disconnect the input power cable plug from the battery charger cable plug.
  - The reverse warning alarm should start a continuous tone.

### Using the Directional Control Switch



**CAUTION:** Avoid injury! Do not press the directional control switch while the vehicle is in motion. Always bring the vehicle to a full stop before pressing the directional control switch.



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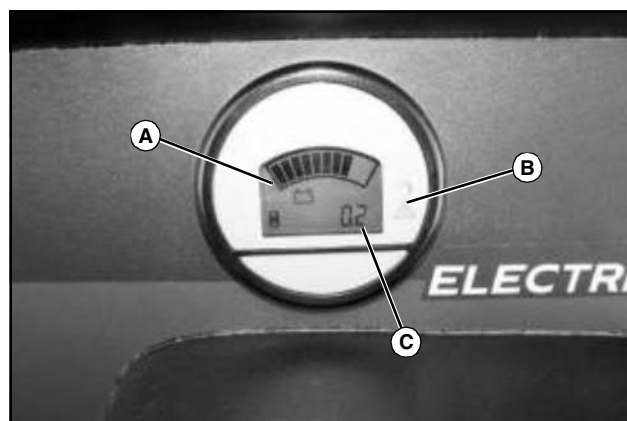
The directional control switch (A) is located on the dash

panel. There are three positions:

- FORWARD: Press the switch forward to position (B).
- NEUTRAL: Press the switch into the middle position (C).
- REVERSE: Press the switch downward to position (D).

### Using the LCD Charge Meter and the Hour Meter

**NOTE:** Key switch must be turned to the ON "1" position to activate the charge meter LCD display.



MX47638

#### Charge Meter

The charge meter will continuously monitor the battery charge while the drive/service switch is in the drive mode.

The charge meter (A) has a 10-segment bar graph LCD that displays the battery state of charge.

- All segments of the bar graph are turned ON when the battery is full. The number of segments turned ON is reduced to indicate a reduced state-of-charge.
- The next-to-last segment will flash when the battery is 70% discharged to indicate that the battery charge is getting low and should soon be recharged.

**NOTE:** Continual discharge of the battery bank beyond the 80% discharge level will significantly reduce the cycle life of the batteries.

- The next-to-last segment and the last segment will alternately flash when the battery is 80% discharged. The red LED (B) will also turn ON at this point to get the operator's immediate attention. The vehicle should not be operated with the batteries at this level except to return it to a location where it can be recharged.

#### Hour Meter

- The hour meter (C) shows the number of hours the vehicle has run.
- The service interval chart gives necessary service



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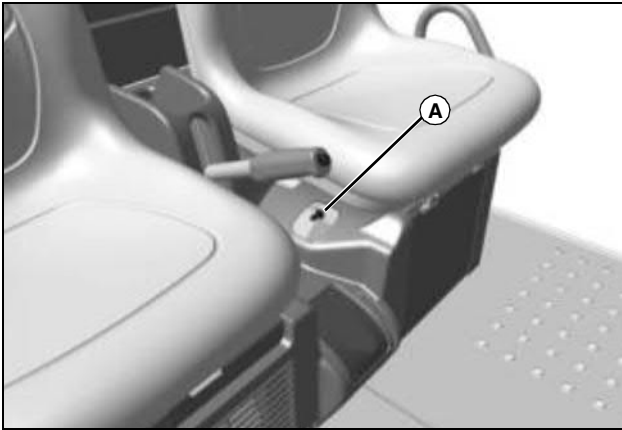
**Thank you so much for reading**

# Operating

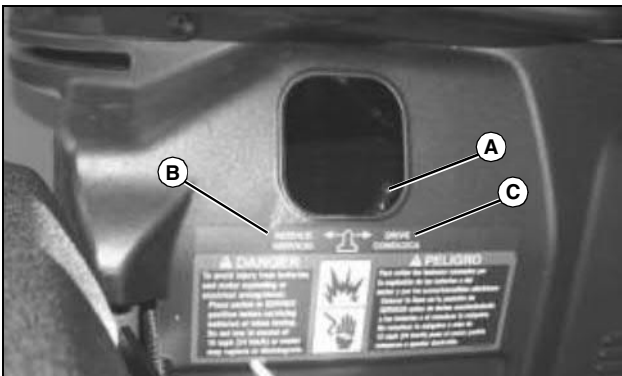
intervals. Use the hour meter and the service interval chart to determine when the vehicle will need service. (See SERVICE INTERVALS Section.)

## Using the Service and Drive Switch

This utility vehicle is equipped with a two position service/drive toggle switch.



MX35383



MX35384

## Service Position



**CAUTION: Avoid injury! When the service/drive switch is moved to the SERVICE position there is still electric battery voltage present in all vehicle electrical harnesses.**

When the vehicle service/drive switch (A) is moved to the SERVICE position (B) the vehicle is disabled and prohibited from being driven.

The service/drive switch should be moved to the SERVICE position when:

- Performing any service function on the vehicle.
- The vehicle is not going to be in service for an extended period of time (one month or more).

- The vehicle is being towed.

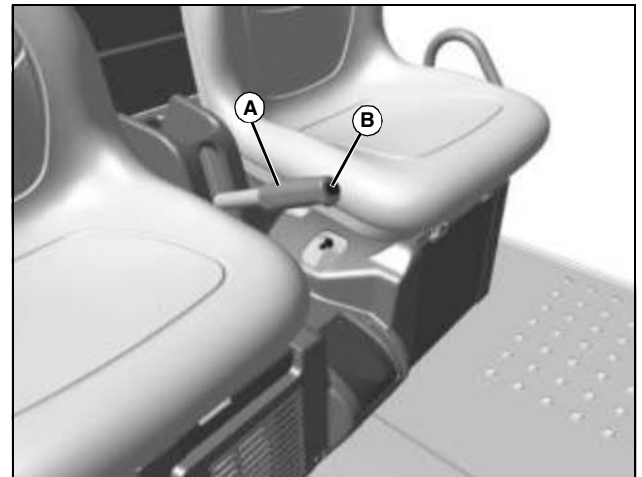
## Drive Position

When the vehicle service/drive switch (A) is moved to the DRIVE position (C) the vehicle controller is energized. When the key switch is turned to the ON "1" position, controls are energized and the vehicle is ready for normal operation.

## Using Park Brake

**NOTE: The park brake alarm will buzz if the machine is in gear and you try to move in forward or reverse before unlocking the park brake.**

### Locking the Park Brake:



MX35383

1. Push down on brake pedal to hold machine in place.
2. Pull up on lever (A) and lock lever into position engaging park brake.

### Unlocking the Park Brake:

1. Push down on brake pedal to hold machine in place.
2. Pull up on lever (A).
3. Press button (B).
4. Release lever down completely.

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