LX255, LX277, LX277AWS, LX279, and LX288 Lawn Tractors

Serial No. (010101-)

OPERATOR'S MANUAL

John Deere
Worldwide Commercial And
Consumer Equipment Division
OMM139190 J8

North American Version
Litho in U.S.A.
English

INTRODUCTION

THANK YOU for purchasing a John Deere product.

Read this manual and your attachment manual thoroughly. Failure to do so could result in personal injury or equipment damage.

This manual should be considered a permanent part of your machine and should remain with the machine when you sell it.

Product warranty is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The product warranty is explained on the warranty certificate you received from your dealer.

Measurements in this manual are metric units and their U.S. customary equivalents. 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 (------>), it indicates the part it is pointing to is hidden.

Record identification numbers below. Be sure to record all the numbers to help in tracing the machine if it is stolen. You also need to give these numbers to your dealer when you order parts.

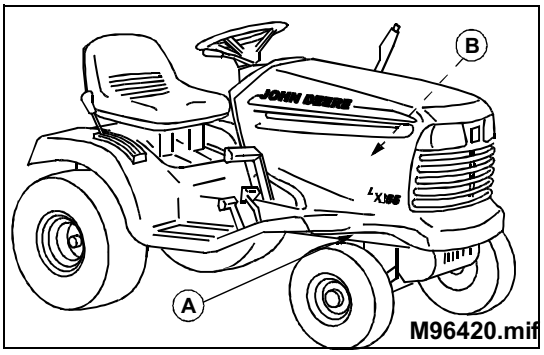
DATE OF PURCHASE: _____

DEALER NAME: _____

DEALER PHONE: _____

TRACTOR SERIAL NUMBER (A): __ __ __ __ __ __ __ __ __ __ __ __ __ __

ENGINE SERIAL NUMBER (B): __ __ __ __ __ __ __ __ __ __ __ __ __ __



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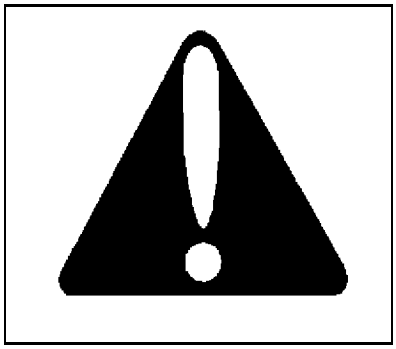
SAFETY SIGNS

Safety-Alert Symbol



Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.

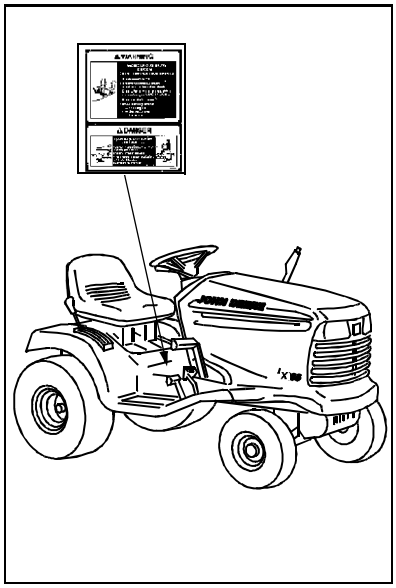
On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards.

In this manual, the word CAUTION and this symbol call attention to safety messages.

Machine Safety Labels

WARNING

AVOID SERIOUS INJURY OR DEATH



- Drive up and down slopes, not across
- Avoid sudden turns
- If machine stops going uphill, stop blade and back down slowly
- Keep safety devices (guards, shields, and switches) in place and working
- Read operator's manual
- When leaving machine:

–Stop engine

–Set park brake

–Remove key

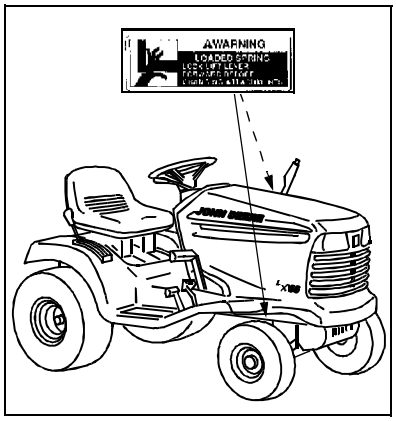
SAFETY SIGNS

WARNING

LOADED SPRING

LOCK LIFT LEVER FORWARD BEFORE CHANGING ATTACHMENTS

Picture Note: Two Decals, One on Each Side of Tractor Frame.



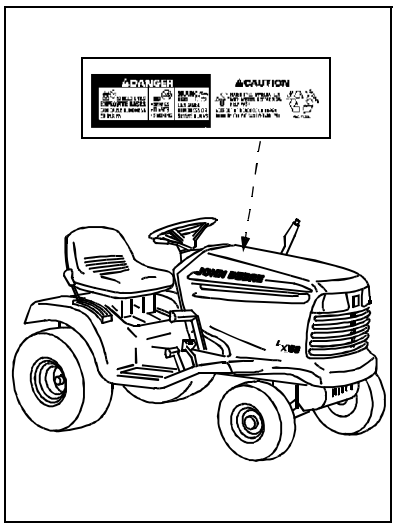
DANGER

ROTATING BLADES CUT OFF ARMS AND LEGS

- Do not mow when children or others are around
- Do not mow in reverse
- Look down and behind before and while backing
- Never carry children

DANGER:

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

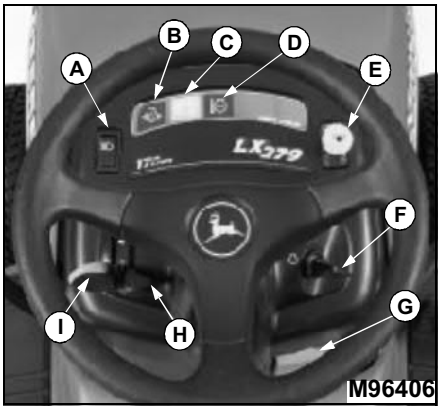
CAUTION: FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.

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

CONTROLS

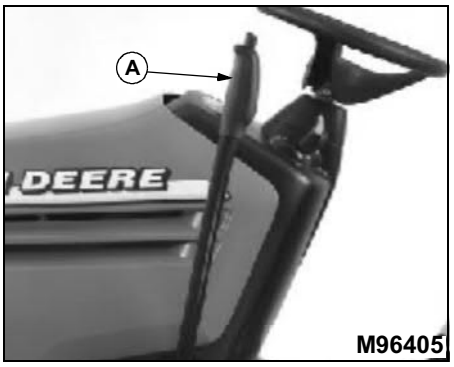
Console Controls

A - Light Switch
B - Engine Oil Pressure Light
C - Battery Discharge Light
D - Coolant Temperature Light (LX279 Model Only)
E - PTO Switch/RIO Switch
F - Key Switch
G - Park Brake Lever
H - Choke Lever
I - Throttle Lever

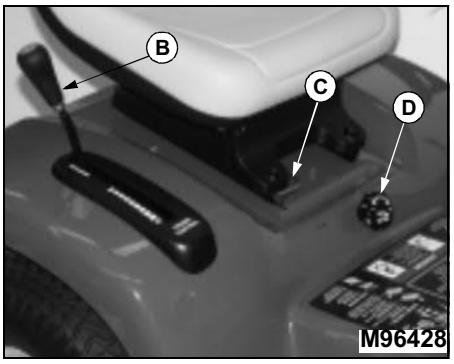


Platform Controls

A - Attachment Lift Lever



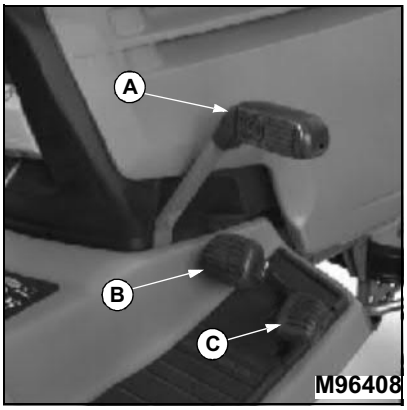
B - Cruise Control Lever
C - Seat Adjustment Lever
D - Cut Height Adjustment Knob



CONTROLS

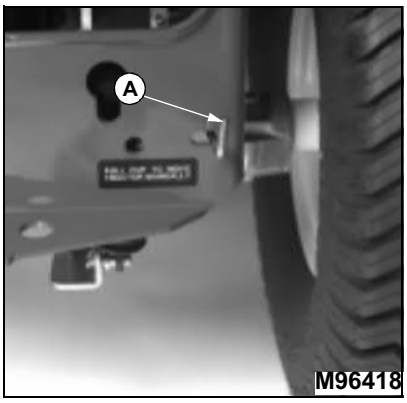
Foot Controls

A - Brake Pedal
B - Forward Travel Pedal
C - Reverse Travel Pedal



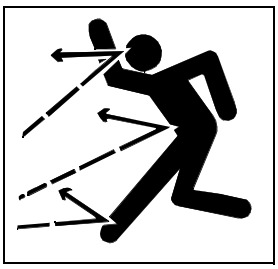
Miscellaneous Controls

A - Free-Wheeling Lever



OPERATING

Operate Safely



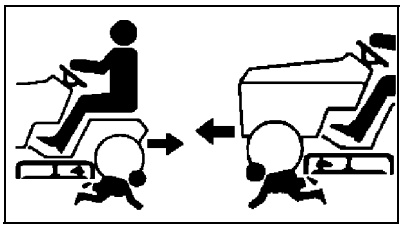
- In addition to reading your Operator's Manual, view your John Deere Mowing Safety Video.
- Check brake action before you operate. Adjust or service brakes as necessary.
- Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before you operate.
- Clear work area of objects that might be thrown. Keep people and pets out of the work area. Stop machine if anyone enters the area.
- If you hit an object, stop the machine and inspect it. Make repairs before you operate. Keep machine and attachments properly maintained and in good working order.
- DO NOT leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Be careful of traffic when operating near or crossing roadways.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.

Park Safely

- Stop machine on a level surface, not on a slope.
- Disengage PTO.
- Lower attachments to the ground.
- Engage park brake.
- STOP engine.
- Remove key.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.

Rotating Blades are Dangerous - Protect Children and Prevent Accidents

PROTECT CHILDREN:

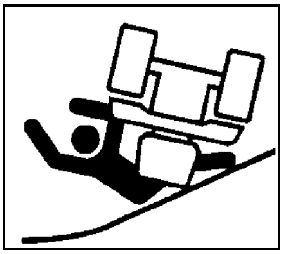


- Never assume that children will remain where you last saw them. Children are attracted to mowing activity, stay alert to the presence of children.
- Keep children in the house when you are operating the machine.
- Turn machine off if a child enters the mowing area.
- Use extra care when you come to blind corners, shrubs, trees, or other objects that may block your vision.
- DO NOT let children or an untrained person operate the machine.
- DO NOT carry or let children ride on machine or any attachment. DO NOT tow children in a cart or trailer.

HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

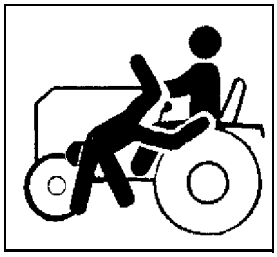
- Be alert at all times, drive forward carefully. People especially children can move quickly into the mowing area before you know it.
- Back carefully. Shut OFF PTO and look behind the machine carefully, especially for children, before you back up.
- DO NOT mow in reverse unless it is absolutely necessary.
- Shut OFF PTO when you are not mowing.
- DO NOT operate machine if you are under the influence of drugs or alcohol.

Avoid Tipping



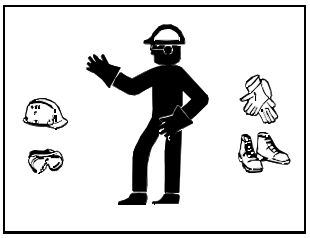
- DO NOT drive where machine could slip or tip.
- Stay alert for holes and other hidden hazards in the terrain.
- Keep away from drop-offs.
- Slow down before you make a sharp turn or operate on a slope.
- When pulling loads or using heavy equipment, use only approved hitches, limit loads to those you can safely control, and use counterweights or wheel weights when required per this manual or your attachment manual.
- Drive up and down a hill—not across. Be careful when you change direction on a slope.
- DO NOT stop when going up hill or down hill. If machine stops going up hill, DISENGAGE PTO and back down slowly.
- DO NOT mow wet grass. Reduced traction could cause sliding.
- DO NOT try to stabilize the machine by putting your foot on the ground.

Keep Riders Off



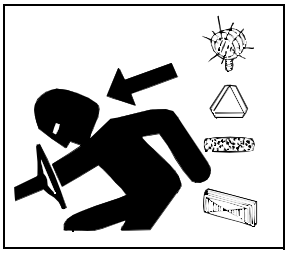
- Only allow the operator on the machine. Keep riders off.
- Riders on the machine or attachment may be struck by foreign objects or thrown off the machine causing serious injury.
- Riders obstruct the operator's view resulting in the machine being operated in an unsafe manner.

Wear Appropriate Clothing



- Wear close fitting clothing and safety equipment appropriate for the job.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.

Transport Safely

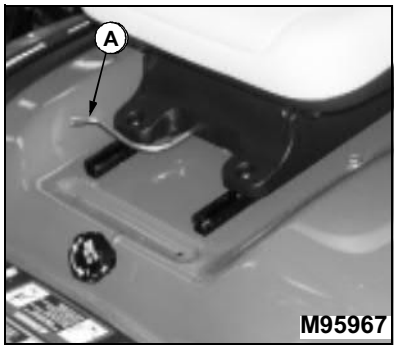


- Use safety lights and devices. Slow moving machines when driven on public roads are hard to see, especially at night. Avoid personal injury or death resulting from a collision with a vehicle.
- Whenever driving on public roads, use flashing warning lights and turn signals according to local regulations. Extra flashing warning lights may need to be installed.

Adjusting Seat

Adjust Forward/Rearward

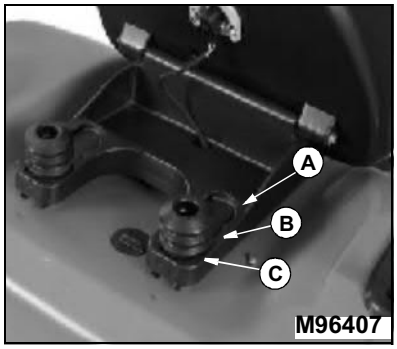
1. Push lever (A) to the left.
2. Slide seat forward or backward and lock in desired position.
3. Release lever.



Adjust Seat Suspension

Note: Seat suspension can be adjusted to better match the weight of the operator. An additional set of foam seat springs, for a total of four foam seat springs, can be installed for an even stiffer suspension. (See your John Deere dealer.)

1. Lift operators seat.
2. Foam seat springs can be moved to three different settings:
   - Soft Ride (A)
   - Average Ride (B)
   - Firm Ride (C)
3. Make sure foam seat springs are in the same ride setting for each side.



Using the Park Brake

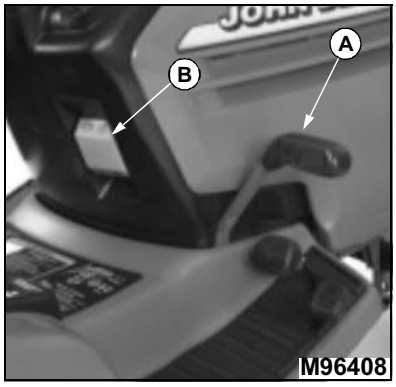
CAUTION: The machine may begin to move when engine is shut off and park brake is not engaged. To avoid injury, always LOCK park brake before getting off tractor or leaving tractor unattended.

Locking the Park Brake:

1. Push and hold brake pedal (A) all the way down.

2. Lift park brake lever (B) up to LOCK park brake.

3. Release pedal and park brake lever. Pedal should stay down and park brake lever should stay in LOCKED position.



IMPORTANT: To avoid pedal linkage damage, be sure to UNLOCK park brake before using travel pedals.

Unlocking Park Brake:

1. Push and hold brake pedal (A) all the way down.

2. Push park brake lever (B) down.

3. Release brake pedal. Pedal should come up to operating position.

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

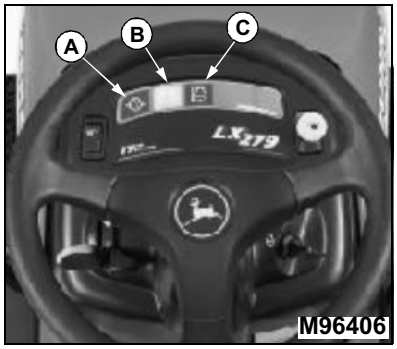
Using Headlights

Push top of light switch (A) down to turn headlights ON.

Push bottom of light switch to turn headlights OFF.

Checking Indicator Lights

A - "" **Oil Pressure Indicator Light** - will come on when you turn the key to the RUN (R) position. Indicator light should go out within 5 seconds after engine starts. If indicator comes on during operation, engine oil pressure is too low. Stop engine and perform appropriate service.



B - "" **Battery Discharge Indicator Light** - will come on when battery voltage falls below 12.3 volts. Indicator light will be on during start-up and should go out within 10 seconds. Indicator light may also remain on at low idle. If battery is at a low state of charge, indicator light may remain on when PTO and headlights are on.

C - " " **Coolant Temperature Indicator Light (LX279 Only)** - will only come on when engine is cranked or overheated and must go out after 5 seconds when engine starts. If light does not go out within 5 seconds, STOP engine immediately and determine cause before operating engine.

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