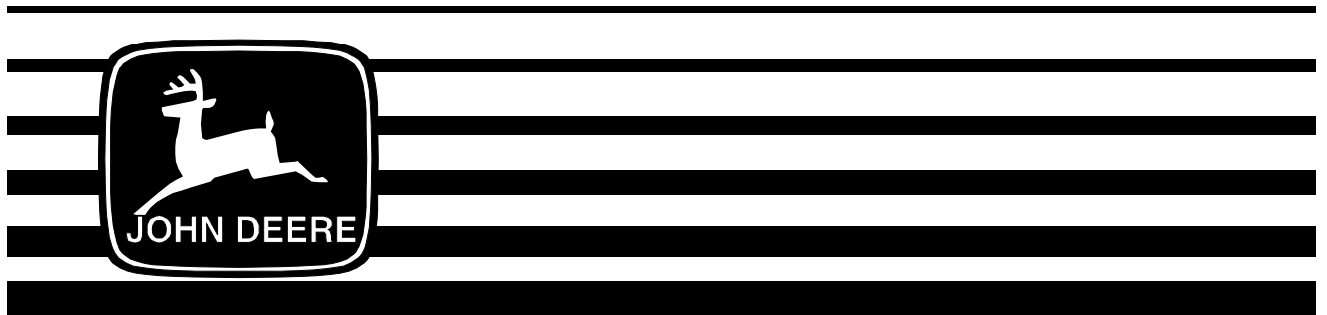


ZTRAK Front Mower F620

Serial No. (010001-)



OPERATOR'S MANUAL

John Deere
Worldwide Commercial And
Consumer Equipment Division
OMM139734 L8

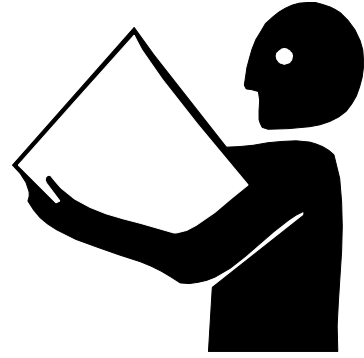
North American
Litho in U.S.A.

English

INTRODUCTION

THANK YOU for purchasing a John Deere product.

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



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

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

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:

ENGINE SERIAL NUMBER (A):

PRODUCT IDENTIFICATION NUMBER (B):

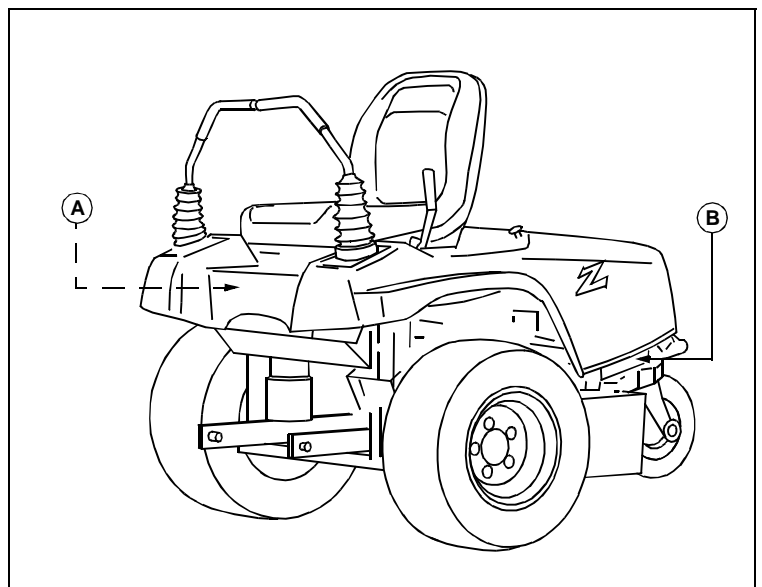


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SAFETY SIGNS

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.

Keep safety signs in good condition. You can buy safety signs from your John Deere dealer.

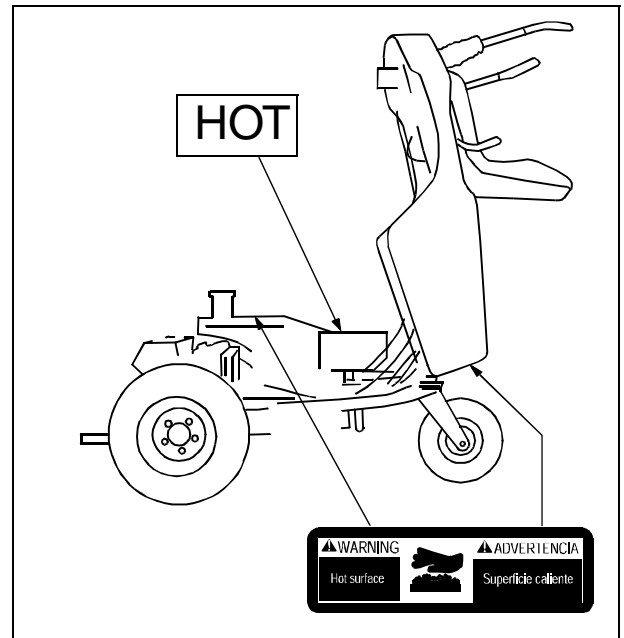


Machine Safety Labels

Warning—Avoid Injury From Hot Surfaces

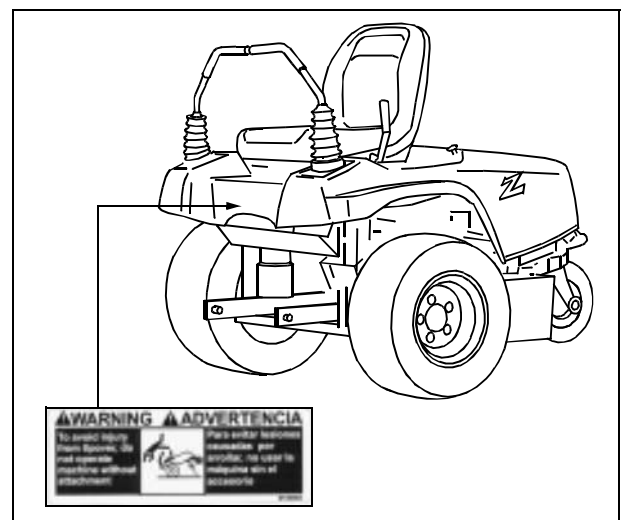
Picture Note: “Hot” muffler warning molded into the muffler heat shield

DO NOT touch the transmission oil reservoir, the rear cowl/louvers or the muffler heat shield, they may be hot.



Warning—Avoid Injury From Tipping

DO NOT operate machine without front attachment installed.



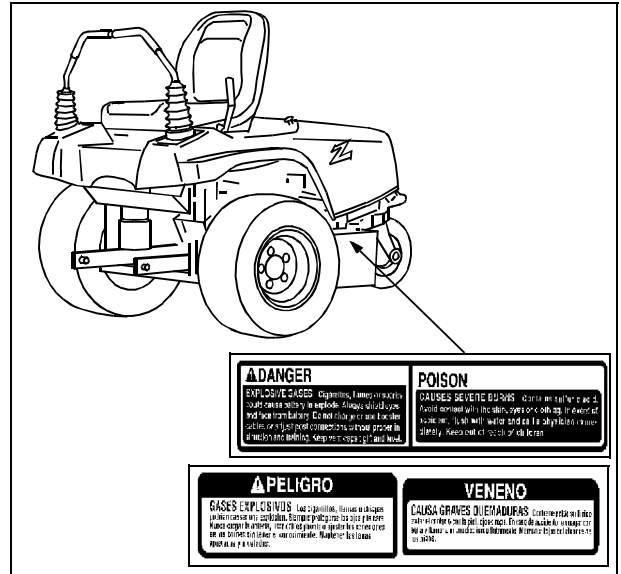
SAFETY SIGNS

DANGER: EXPLOSIVE GASES

Battery contains explosive gases. Cigarettes, flames or sparks could cause the battery to explode. Always shield eyes and face from battery. DO NOT charge or use booster cables or adjust poor connections without proper instruction and training. Keep vent caps tight and level.

POISON—CAUSES SEVERE BURNS

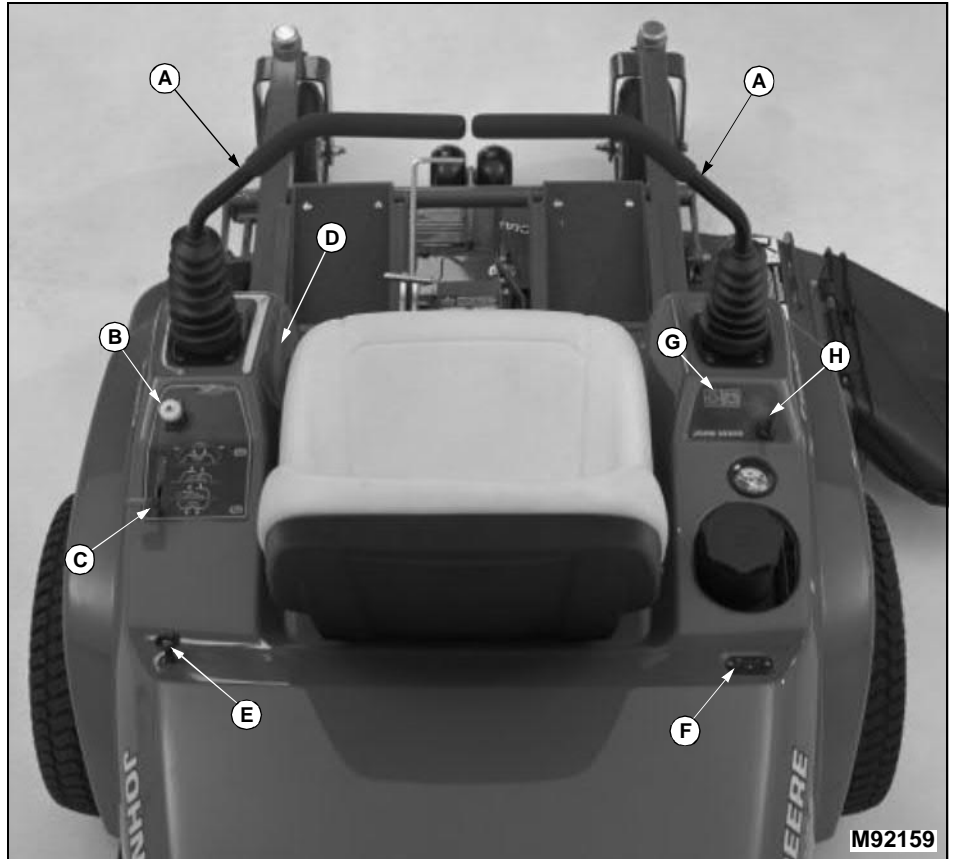
Battery contains sulfuric acid and will cause severe burns. Avoid contact with the skin, eyes or clothing. In event of an accident, flush with water and call a physician immediately. Keep out of reach of children.



CONTROLS

Operator Station Controls

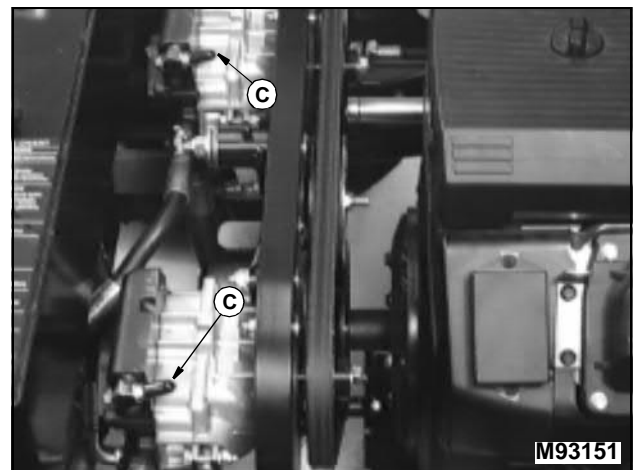
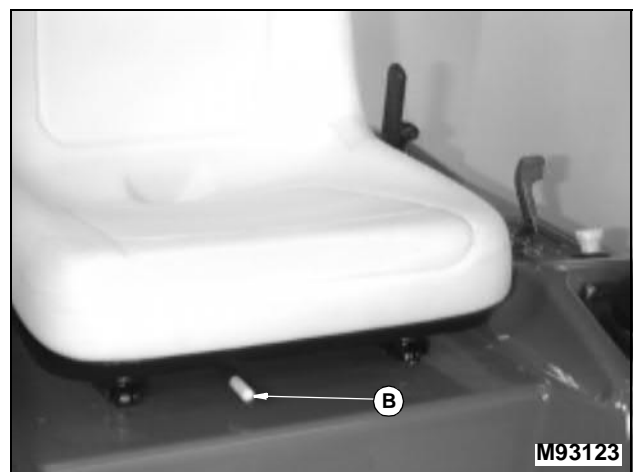
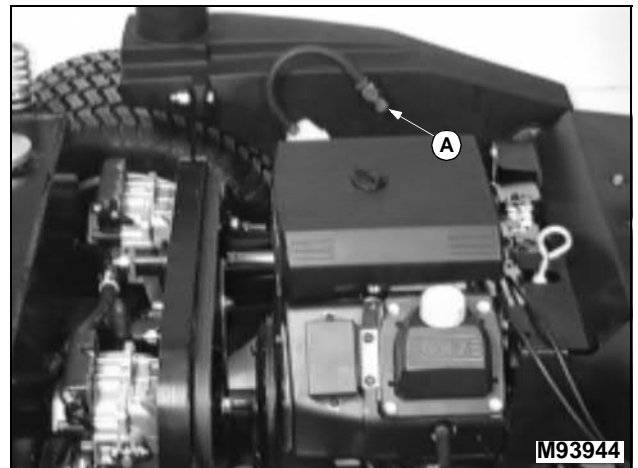
- A - Control Levers
- B - PTO Switch
- C - Throttle Lever
- D - Park Brake Lever
- E - Choke
- F - Hourmeter
- G - Indicator Lights
- H - Key Switch



CONTROLS

Miscellaneous Controls

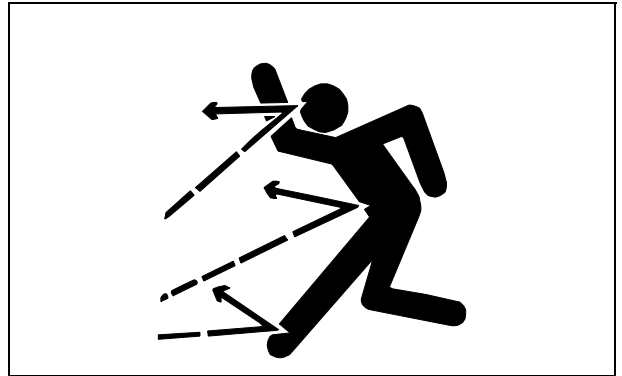
- A - Fuel Shut-Off Valve
- B - Seat Adjustment Lever
- C - Free-Wheeling Levers



OPERATING MACHINE

Operate Safely

- 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.
- Engage and lock park brake.
- STOP engine.
- Remove key.
- Before you leave the operator's location, wait for engine and all moving parts to STOP.

OPERATING MACHINE

Rotating Blades are Dangerous - Protect Children and Prevent Accidents

PROTECT CHILDREN:

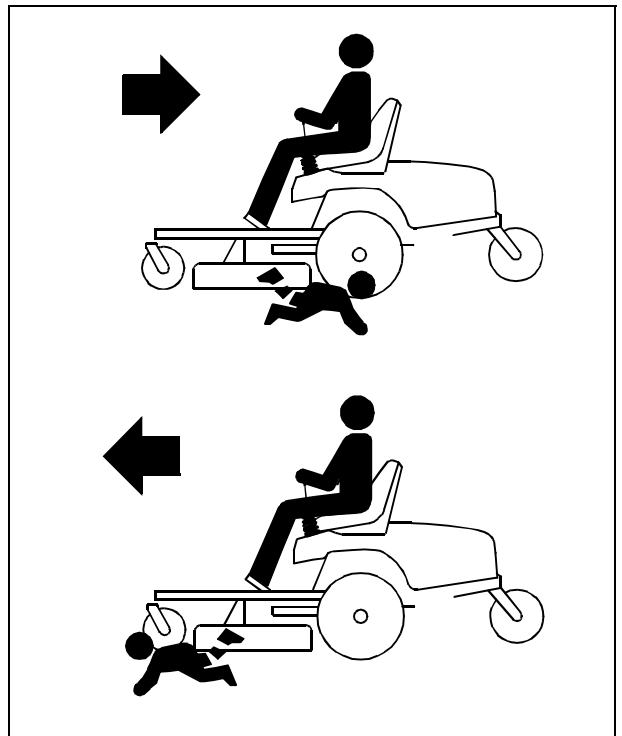
- Never assume that children will remain where you last saw them. Children are attracted to mowing activity, stay alert to the presence of children.
- Keep children in the house when you are operating the machine.
- Turn machine off if a child enters the mowing area.
- Use extra care when you come to 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.

Operator Training Required

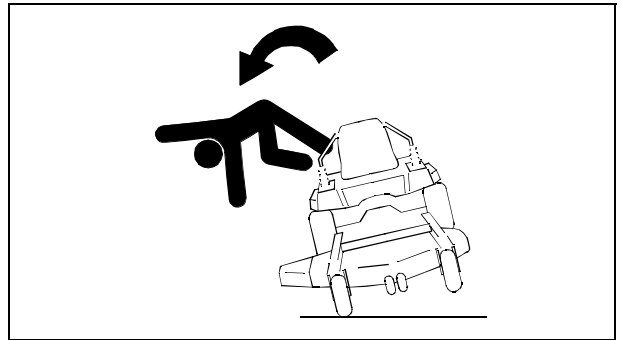
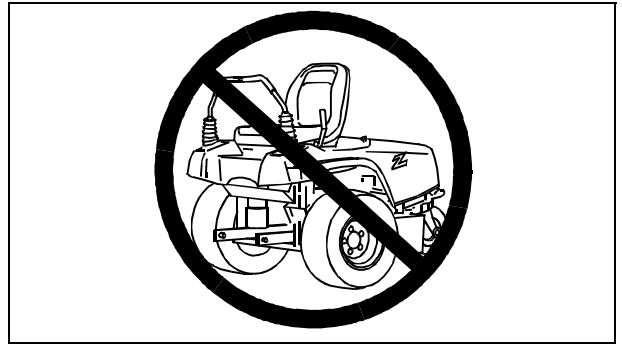
- Study operation section of this manual before operating the machine.
- Operate machine in an open, unobstructed area under the direction of an experienced operator.
- Learn the use of all controls.
- Operator experience is required to learn the moving, stopping, turning and other operating characteristics of the machine.



OPERATING MACHINE

Avoid Tipping

- DO NOT operate machine without front attachment installed.
- 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.
- **MOW ACROSS A HILL–NOT UP AND DOWN.** Be careful when you change direction on a slope.
- DO NOT stop when going up or down a hill. If machine stops going up hill, STOP PTO and back down slowly.
- DO NOT mow wet grass. Reduced traction could cause sliding.



Operate Mower Safely on Slopes

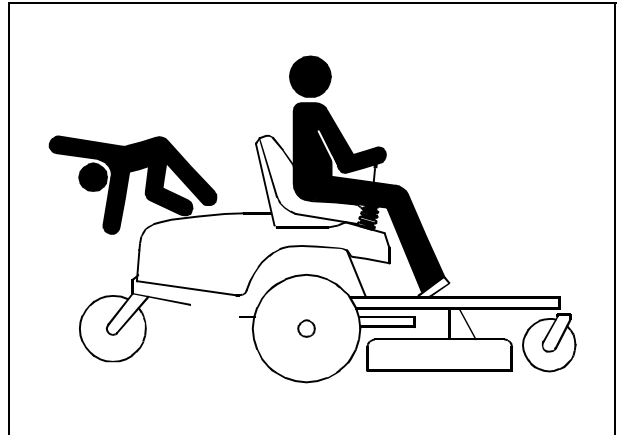
Slopes are a major factor related to loss-of-control and tip-over accidents, which can result in severe injury or death. All slopes require extra caution. If an operator is uneasy mowing on a specific slope, **DO NOT** mow it.

- MOW ACROSS SLOPES–NOT UP AND DOWN.
- Remove obstacles such as rocks, tree limbs, etc.
- Watch for holes, ruts, or bumps. Uneven terrain could overturn this machine. Tall grass can hide obstacles.
- Keep all movement on slopes slow and gradual. DO NOT make sudden changes in speed or direction.
- Avoid starting or stopping on a slope. If tires lose traction, disengage the mower blades and proceed slowly and gradually down the slope.
- DO NOT turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible.
- DO NOT mow near drop-offs, ditches, or embankments. The mower could suddenly turn over if a wheel is over the edge of a ditch, or if an edge caves in.
- DO NOT mow on wet grass. Reduced traction could cause sliding.
- DO NOT try to stabilize this machine by putting your foot on the ground.

OPERATING MACHINE

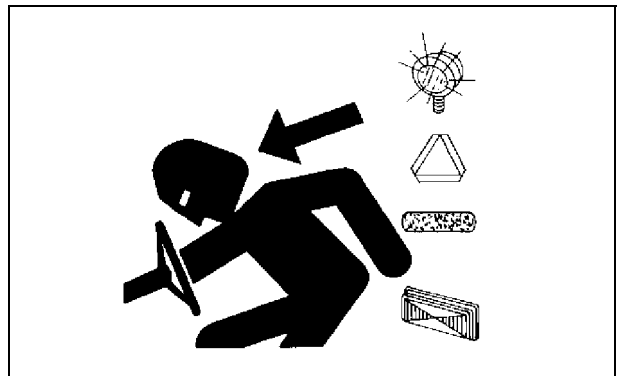
Keep Riders Off

- Only allow the operator on the machine. Keep riders off the machine.
- Riders on the machine 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.



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.
- Flashing warning lights are recommended whenever driving on public roads to increase visibility. Extra flashing warning lights may need to be installed.
- A safety lighting kit is available from your John Deere dealer.



Avoid High Pressure Fluids

- Hydraulic hoses can fail due to physical damage, kinks, age, and exposure. Check hoses regularly. Replace damaged hoses.
- Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.
- Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.
- If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A. Information may be obtained in the United States and Canada only by calling 1-800-822-8262.

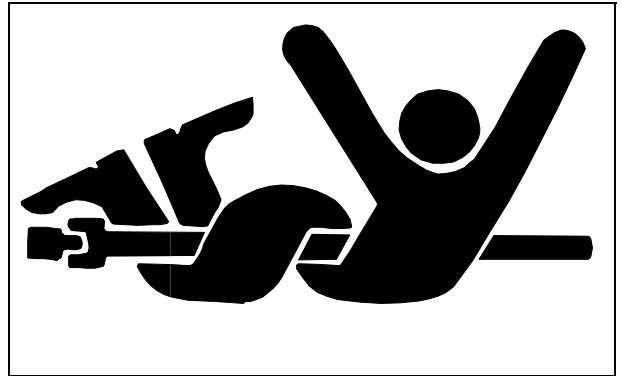


OPERATING MACHINE

Stay Clear of Rotating Drivelines

Entanglement in rotating driveline can cause serious injury or death:

- Wear close fitting clothing.
- STOP the engine and be sure PTO driveline is stopped before getting near it.



Check 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.

OPERATING MACHINE

Raising and Lowering Cowling

CAUTION: Help prevent serious personal injury. When performing any service function under the front mower cowling, make sure the support latch is locked securely in the channel slot.

Avoid service under the cowling when:

- Parked on a hill or slope.
- When strong, gusty winds are prevailing.

Raising the Cowling

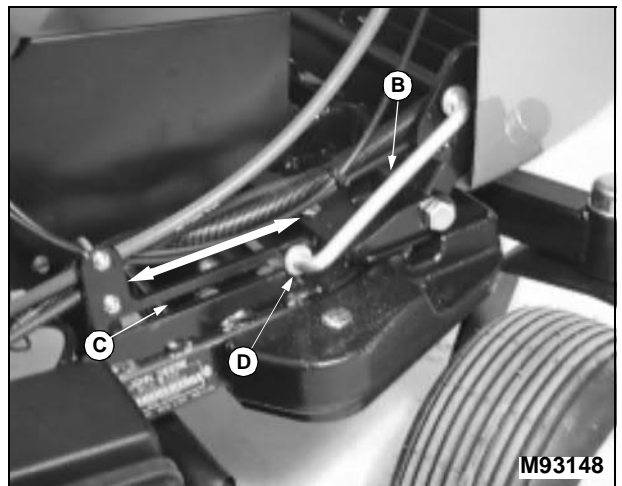
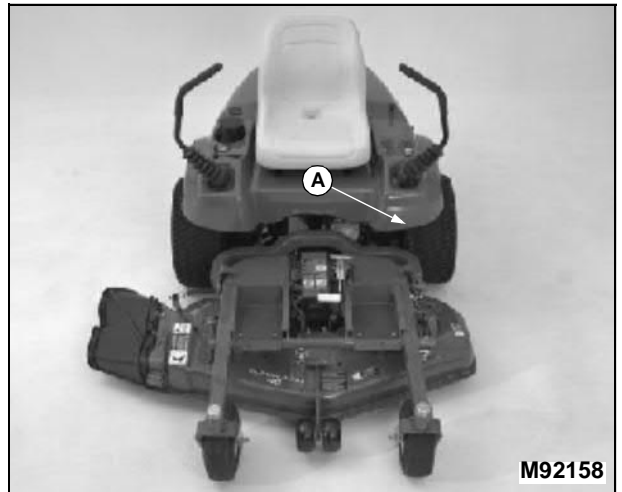
1. Park front mower on a hard level surface.
2. Stop engine and engage park brake.
3. Place one or both hands in position (A) on cowling.
4. Lift hood, support latch (B) will slide along slotted channel (C).
5. When hood is fully raised, make sure support latch locks securely in channel slot (D).

Lowering the Cowling

1. Stand on the left side of the machine.
2. Move cowling slightly rearward and lift support latch (B).
3. Slowly lower cowling, support latch will slide along slotted channel (C).

Adjusting Seat

1. Sit on the operator's seat.
2. Push and hold lever (A) to the left.
3. Slide seat forward or backward to desired position.
4. Release lever.

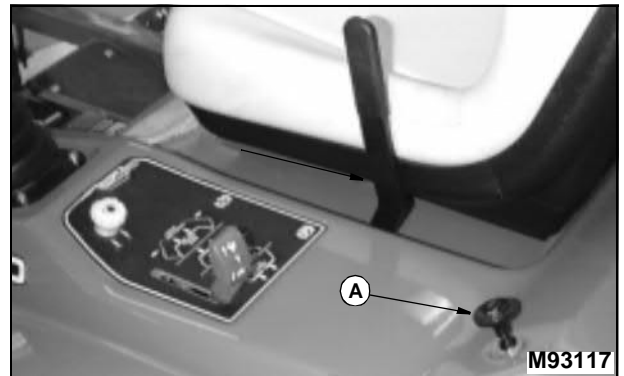


OPERATING MACHINE

Using the Choke

Pull knob (A) up to CHOKE engine.

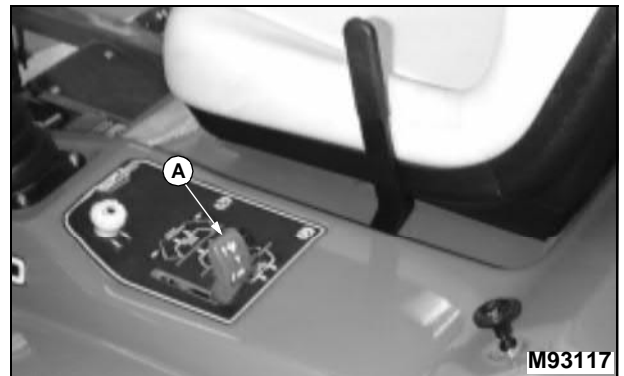
Push knob (A) down to OPEN choke.



Using the Throttle Lever

Push lever (A) all the way forward to FAST (🚀) position. Use this position when you mow.

Pull lever (A) to rear to SLOW (🐢) position. Do not run engine at SLOW idle any longer than necessary.



Using the Hour Meter

NOTE: *The machine is equipped with an electric start. The hour meter will continue to run with the key switch left in the RUN position.*

The hour meter (A) shows number of hours the machine has run.

The service interval chart gives necessary service intervals.

Use the hour meter and service interval chart to determine when machine will need service.

(See **Service Interval Chart** section.)



OPERATING MACHINE

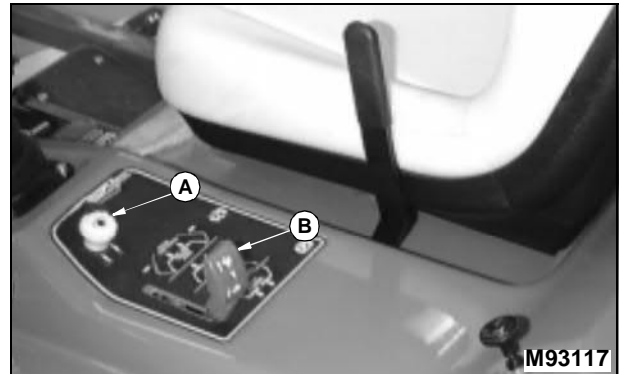
Using the PTO Switch Knob

Engage PTO:

- Move throttle lever (B) to the 1/2 to 3/4 FAST (🐄) position.
- Pull PTO knob (A) up.
- Move throttle lever (B) forward to the FAST (🐄) position for mowing.

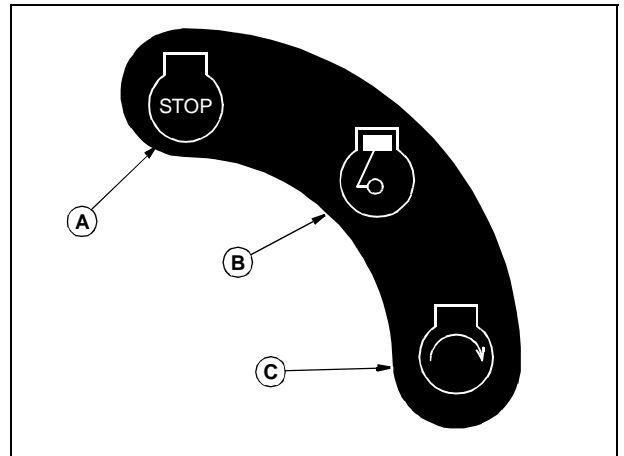
Disengage PTO:

- Push PTO knob (A) DOWN.



Using the Key Switch

- Turn key switch to the STOP position (A) to stop the engine.
- Turn key switch to the RUN position (B). Engine oil indicator light should go on.
- Turn key switch to the START position (C) to start the engine.



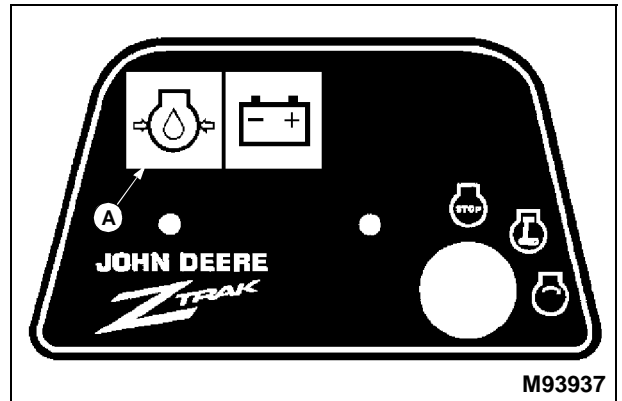
OPERATING MACHINE

Check Indicator Lights

Oil Pressure Indicator

IMPORTANT: If the indicator lights RED when the engine is running, stop the engine immediately or the engine may be seriously damaged from lack of lubrication.

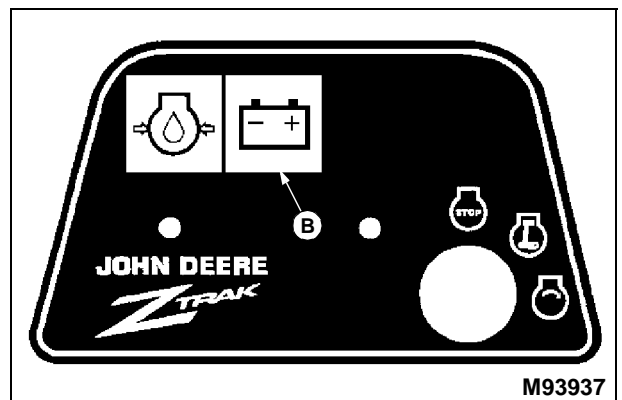
- The RED indicator light (A) means the oil is low and/or the oil pressure is low.
- The indicator should light when the key switch is turned to the RUN position.
- The light should go out when the engine starts.



Battery Indicator

IMPORTANT: If the indicator lights YELLOW when the engine is running, stop the engine. Find and correct the cause or the battery will lose power.

- The YELLOW indicator light (B) means the battery is not getting enough charge from the alternator.
- If the battery voltage is low enough, the light will come on.
- If the battery is fully charged, the light will not come on.



OPERATING MACHINE

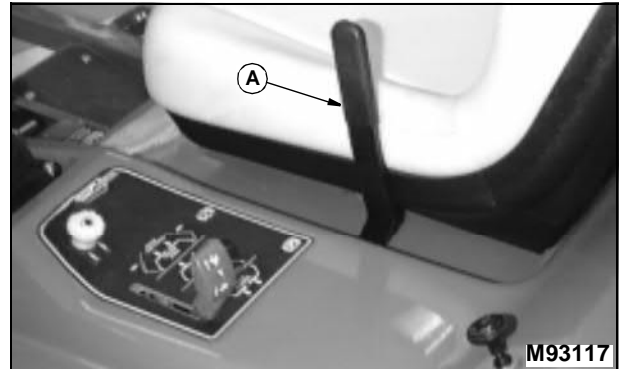
Using the Park Brake Lever

CAUTION: If the engine should kill while operating on an incline, the front mower will free wheel. If this should occur, engage the park brake, start the engine, release brake and resume operation.

Setting Park Brake

- Raise park brake lever (A) to LOCK park brake.

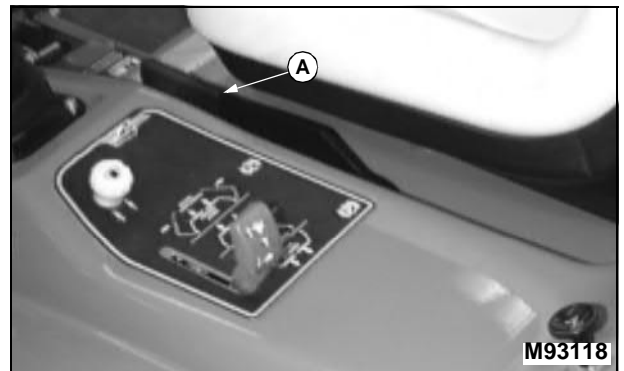
Picture Note: Park brake lever shown raised into the PARK “P” position.



Release Park Brake:

- Lower park brake lever (A) to UNLOCK park brake.

Picture Note: Park brake lever shown released and lowered from the “P” PARK position.

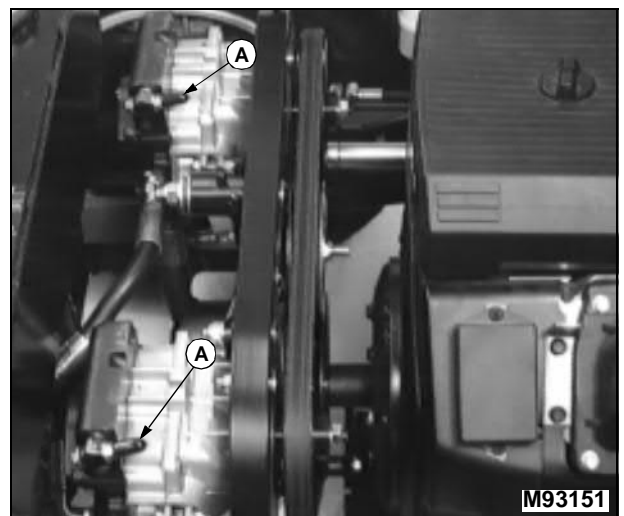


Using Free-Wheeling Levers

IMPORTANT: Help prevent transmission damage. DO NOT tow the machine, push machine by hand only.

When the machine needs to be moved WITHOUT starting the engine, use the free-wheeling levers:

1. Engage the park brake.
2. Lift and secure cowling in the open position.
3. Turn both free-wheeling levers (A) counterclockwise approximately two revolutions.
4. Lower cowling.
5. Release park brake.
6. Push machine to desired location. Due to transmission gear reduction, machine will move slowly.





Suggest:

If the above button click is invalid.

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first, and then click the above link

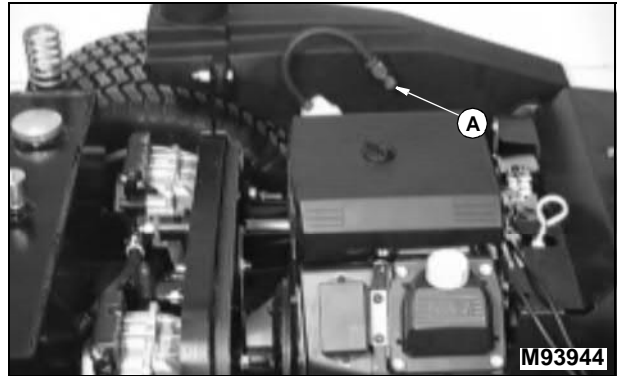
to download the complete manual.

Thank you so much for reading

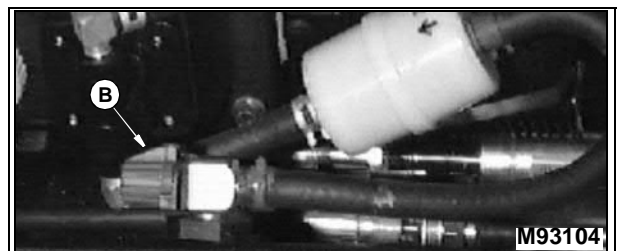
OPERATING MACHINE

Using Fuel Shut-Off Valve

This machine is equipped with a 2-position fuel shut-off valve. Turn “Red” knob (A) right or left to open or close the fuel shut-off valve.

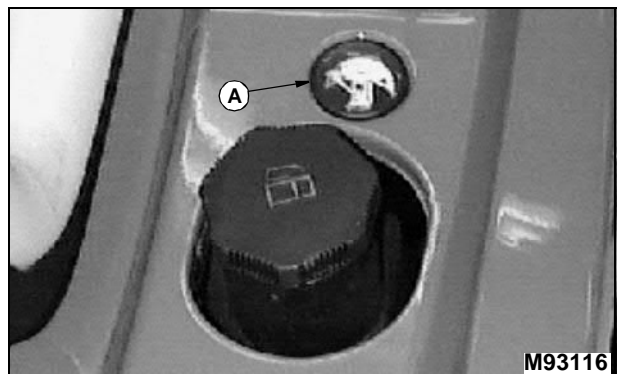


1. Lift and secure cowling into an open position.
2. OPEN the fuel shut-off valve:
 - Arrow on knob should be turned downward as shown in position (B) for fuel flow to be OPEN (ON).
 - Fuel shut-off valve must be in the full OPEN (ON) position for proper fuel delivery to the engine.
3. CLOSE the fuel shut-off valve:
 - Arrow on knob should face upward as shown in position (C) for fuel flow to be CLOSED (OFF).
 - Fuel shut-off valve should be CLOSED (OFF) when performing any type of engine service, when transporting and during periods of storage.



Using the Fuel Gauge

The fuel gauge (A) shows the amount of fuel remaining in the fuel tank.



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