

**LT133, LT155,
and LT166
Lawn Tractors**
(Serial No. 010001 –)

**OPERATOR'S
MANUAL**

**John Deere
Worldwide Commercial and
Consumer Equipment Division
OMM135075 J7**

North American Version
Litho in U.S.A
English

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Horicon, WI
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SAFETY SIGNS

Safety-Alert Symbol

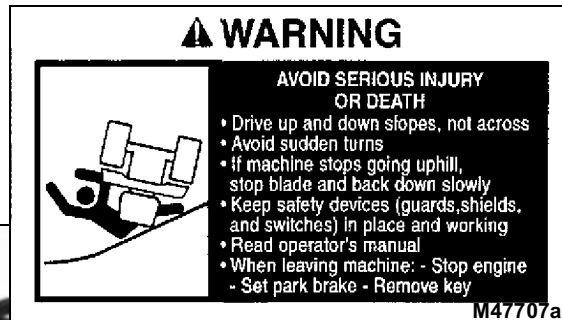
Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.

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



SAFETY SIGNS







⚠ WARNING

To avoid injury from loaded spring, read operator's manual before changing attachments.

On Left -Hand side of tractor frame M88494



⚠ DANGER			⚠ CAUTION	
 <p>SHIELD EYES EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY</p>	<p>NO</p> <ul style="list-style-type: none"> • SPARKS • FLAMES • SMOKING 	 <p>SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS</p>	 <p>FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.</p> <p>KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. KEEP VENT CAPS TIGHT AND LEVEL.</p>	 <p>LEAD RECYCLE RETURN</p>
On Battery			M88490	

SAFETY SIGNS



Certification Label

This OPEI label on your mower indicates that this model has been certified by an independent laboratory for compliance with American National Standard B-71.1-1996, "Safety Specifications" for Power Lawn Mowers, Lawn and Garden Tractors, and Lawn Tractors.

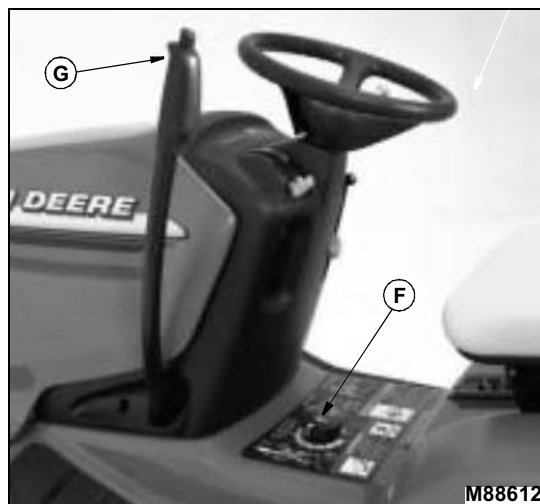


CONTROLS

Console Controls

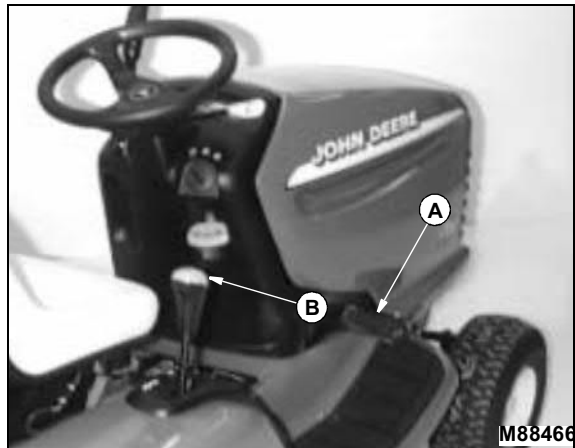


- A - Mower Blade Engagement Lever
- B - Key Switch
- C - Park Brake Lever
- D - Choke Knob (LT166 Only)
- E - Throttle Lever
- F - Mower Height Control
- G - Mower Lift Lever



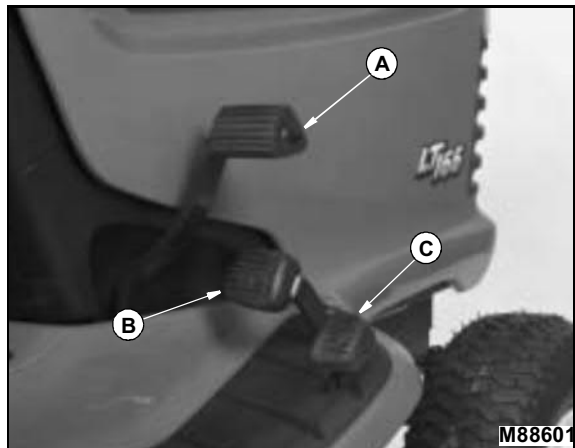
CONTROLS

Foot/Platform Controls (LT133)



- A - Brake/Clutch Pedal
- B - Transmission Shift Lever

Foot Controls (LT155 and LT166)



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

OPERATING THE MACHINE

SAFETY



Operate Safely

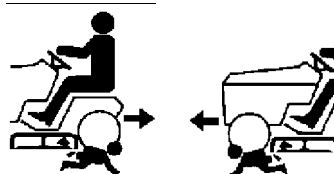
- Check brake action before you operate. Adjust or service brakes as necessary.
- Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments 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 mower blades.
- 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.

OPERATING THE MACHINE

Rotating Blades are Dangerous - Protect Children and Prevent Accidents



PROTECT CHILDREN:

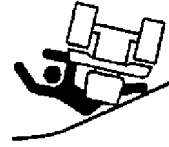
- Never assume that children will remain where you last saw them. Children are attracted to mowing activity, stay alert to the presence of children.
- Keep children in the house when you are operating the machine.
- Turn machine off if a child enters the mowing area.
- Use extra care when you come to 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. Disengage mower blades and look behind the machine carefully, especially for children, before you back up.
- DO NOT mow in reverse unless it is absolutely necessary.
- Disengage mower blades when you are not mowing.
- DO NOT operate machine if you are under the influence of drugs or alcohol.

OPERATING THE MACHINE

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 mower blades and back down slowly.
- Be careful when mowing wet grass. Reduced traction could cause sliding.
- DO NOT try to stabilize the machine by putting your foot on the ground.

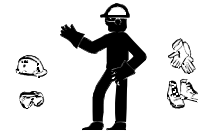
Keep Riders Off



- 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.

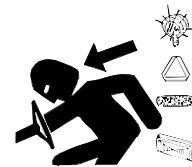
OPERATING THE MACHINE

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

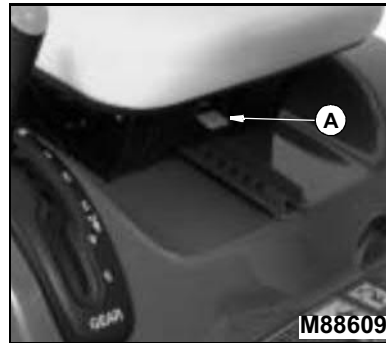


- Use safety lights and devices. Slow moving machines when driven on public roads are hard to see, especially at night. Avoid personal injury or death resulting from a collision with a vehicle.
- Whenever driving on public roads, use flashing warning lights and turn signals according to local regulations.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

OPERATING THE MACHINE

Adjusting Seat

1. Pull bracket (A) up, out of locked position.
2. Slide seat forward or rearward to desired position.
3. Release bracket.



Using Park Brake



CAUTION: To avoid injury, always **LOCK** park brake before getting off machine or leaving machine unattended.

NOTE: LT155 Model Shown

LOCKING PARK BRAKE:

1. Depress brake pedal (A) and hold.
2. Move park brake lever (B) UP to LOCK park brake.
3. Release brake pedal. Pedal should stay down and park brake lever should stay locked.



UNLOCKING PARK BRAKE:

1. Depress brake pedal (A) and hold.
2. Move park brake lever (B) DOWN to UNLOCK park brake.
3. Release brake pedal.

OPERATING THE MACHINE

Starting Engine



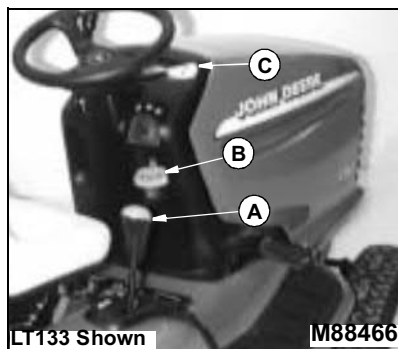
CAUTION: Start engine **ONLY** outdoors or in a well ventilated place. Exhaust fumes are dangerous.

IMPORTANT: Do not operate starter more than 20 seconds at a time, or you may damage it.
If engine does not start:

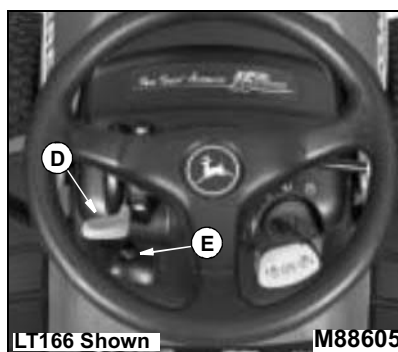
- Wait two minutes before you try again.
- See Troubleshooting section.

NOTE: Engine will not start unless; mower blade engagement lever is **DISENGAGED**, park brake is **LOCKED** or brake pedal pushed down.
On LT133 model: The transmission shift lever should be in **N (NEUTRAL)** position.

1. On LT133 Gear Model: Move transmission shift lever (A) to N (NEUTRAL) position.
2. LOCK the park brake (B).
3. Pull mower blade engagement lever (C) rearward to DISENGAGE.



4. Check starting conditions:
 - **If engine is COLD:**
ON LT133 AND LT155: Move throttle lever (D) all the way up to the choke (☒) position.
ON LT166: Move throttle lever (D) to the HALF-SPEED (⊖) position, pull choke knob (E) out to the ON (☒) position and gradually return the choke to the OFF position after the engine starts and warms up.





Suggest:

If the above button click is invalid.

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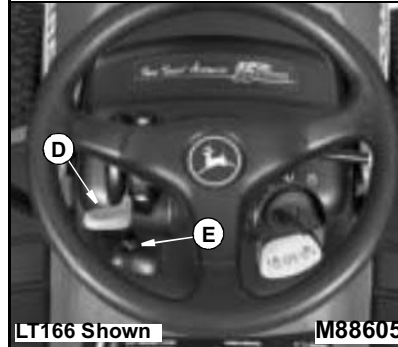
Thank you so much for reading

OPERATING THE MACHINE

- **If engine is WARM:**

Move throttle lever (D) to the HALF-SPEED (⊕) position.

ON LT166: Pull choke knob (E) out to the ON (⊔) position and return choke to the OFF position as soon as the engine starts.



IMPORTANT: Headlights will be ON when the tractor is running. To avoid overcharging the battery, DO NOT disconnect or unplug headlights.

5. Turn key (F) to START position.

If engine is COLD:

- Crank engine 5 seconds.
- If engine does not start, wait 10 seconds.
- Crank engine again 5 seconds.
- Repeat this procedure if necessary.

NOTE: This crank procedure will improve starting and will reduce the chance of flooding and muffler backfire.



6. When engine starts, release key to RUN position.

7. Let engine run for a couple of minutes to warm-up before operating machine.

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