

325 and 345 Lawn and Garden Tractors

(Serial No. 070001 –)

OPERATOR'S MANUAL

**John Deere
Worldwide Commercial and
Consumer Equipment Division
OMM135306 J8**

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

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SAFETY SIGNS

DANGER - ROTATING BLADE

Do not put hands or feet under or into mower when engine is running

THROWN OBJECTS

Before mowing. Clear area of people and objects that may be thrown by blade

Do not operate mower without discharge chute or entire grass catcher in place.



DANGER - ROTATING BLADE

Do not put hands or feet under or into mower when engine is running



DANGER - SHIELD EYES

EXPLOSIVE GASSES can cause blindness or injury.

NO sparks, flames, or 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 caps tight and level.



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-71.1-1990, "Safety Specifications" for Power Lawn Mowers, Lawn and Garden Tractors, and Lawn Tractors.



CONTROLS

Dash Controls



- A - Light Switch..... Turns headlights on and/or off.
- B - Indicator Lights Monitors machine functions.
- C - PTO Switch Engage and/or disengage attachments.
- D - Hydraulic Control Lever Raise and/or lower attachments.
- E - Key..... Starts engine.
- F - Choke Lever Chokes engine for starting.
- G - Throttle..... Controls engine speed.

CONTROLS

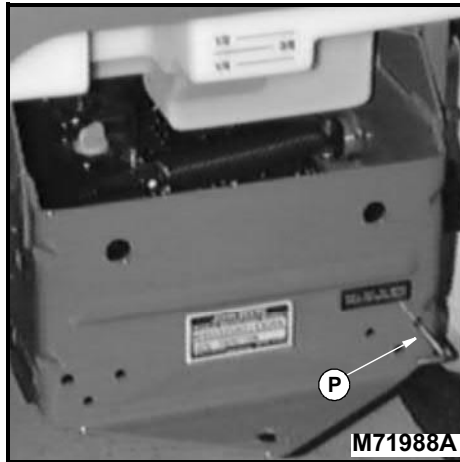
Foot/Platform Controls



- H - Cruise Control LeverEngages cruise control.
- I - Forward Travel Pedal..... Starts machine travel.
- J - Brake PedalStops machine.
- K - Reverse Travel Pedal Backs machine.
- L - Park Brake Lever Engages park brake.
- M - Tilt Steering Lever Adjusts steering wheel position.

CONTROLS

Miscellaneous Controls



- N - Mower Height Indicator Indicates mower setting height.**
- O - Mower Height Knob Sets cutting height.**
- P - Free-Wheeling Lever Allows machine to be moved without the engine running.**

OPERATING THE 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. Keep all shields and guards in place.
- 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.

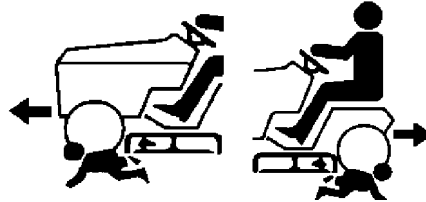


Park Safely

- 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.

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.

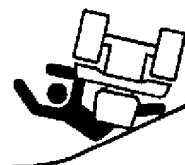
HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

- Be alert at all times, drive forward carefully. People especially children can move quickly into the mowing area before you know it.
- Back carefully. 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.

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, STOP 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.



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.



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.



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 Tilt Steering Wheel



CAUTION: To help avoid loss of steering control:

- Make sure steering wheel is **LOCKED** in position before operating machine.

Steering wheel has five tilt positions:

- Pull lever (A) down and push or pull wheel to a comfortable operating position.
- Push lever up to lock wheel in position.



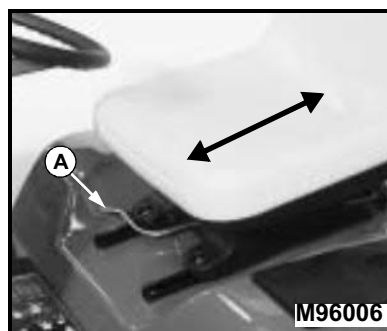
OPERATING THE MACHINE

Adjusting Seat

Adjust Forward / Rearward

NOTE: This tractor is equipped with a fourteen position slide rail seat. Be sure seat is locked in position before operating.

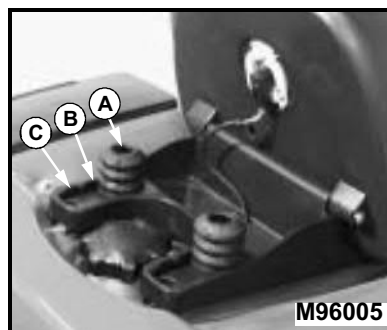
1. Push lever (A) to the left.
2. Slide seat forward or backward to desired position.
3. Release lever.



Adjust Seat Suspension

NOTE: Seat suspension can be adjusted to better match the weight of the operator.

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





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OPERATING THE MACHINE

Adjusting Rear Wheel Spacing

NOTE: Tractor is shipped from the factory with wheels in the narrow position.

1. Park tractor on a level surface.
2. STOP engine.
3. LOCK park brake.
4. Put blocks in front and back of front wheels.



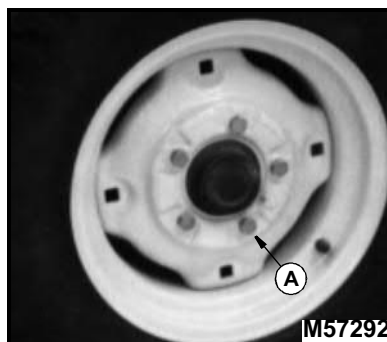
CAUTION: Do not work under a raised tractor unless it is safely supported. A tractor that slips and falls off a jack could cause serious injury or death.

5. Loosen five rear wheel bolts (A). Lift rear wheels off the ground with floor jack or hoist.

6. Remove wheel bolts.

7. Install wheels in the wide position as follows:

- **Turf Tires:** Install wheel on same side of tractor with valve stem on the inside.
- **Bar Tires:** Install each wheel on opposite side of tractor. Bars on tires must point forward.



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