

# **3215 and 3235 TURF SYSTEM I & II**

**(Serial No. 020001 – )**

## **OPERATOR'S MANUAL**

**John Deere  
Lawn & Grounds Care Division  
OMMT2353 K4**

**North American Version  
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.



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 U.S. customary units and their metric equivalents. RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward.

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.

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.

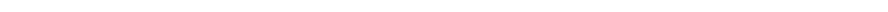
**Date of Purchase:**  
\_\_\_\_\_

**Dealer Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Product Identification Number:**  
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

On right side of frame

**Engine Serial Number:**  
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □



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# SAFETY SIGNS

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## Safety-Alert Symbol

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

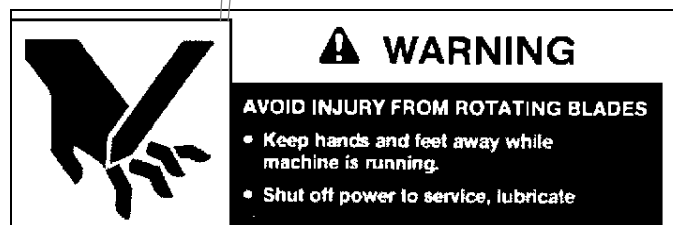
On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.



## Machine Safety Labels

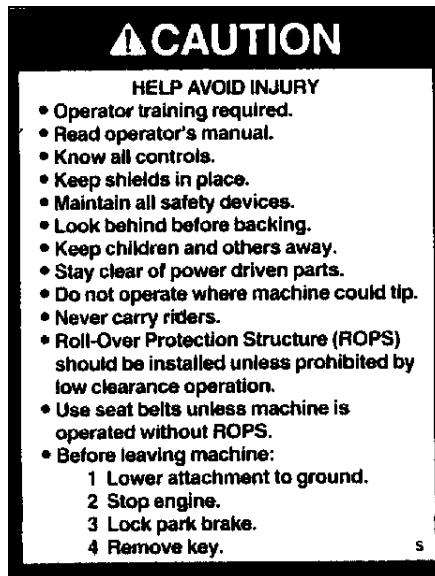
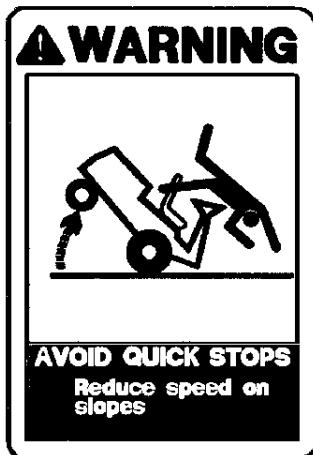


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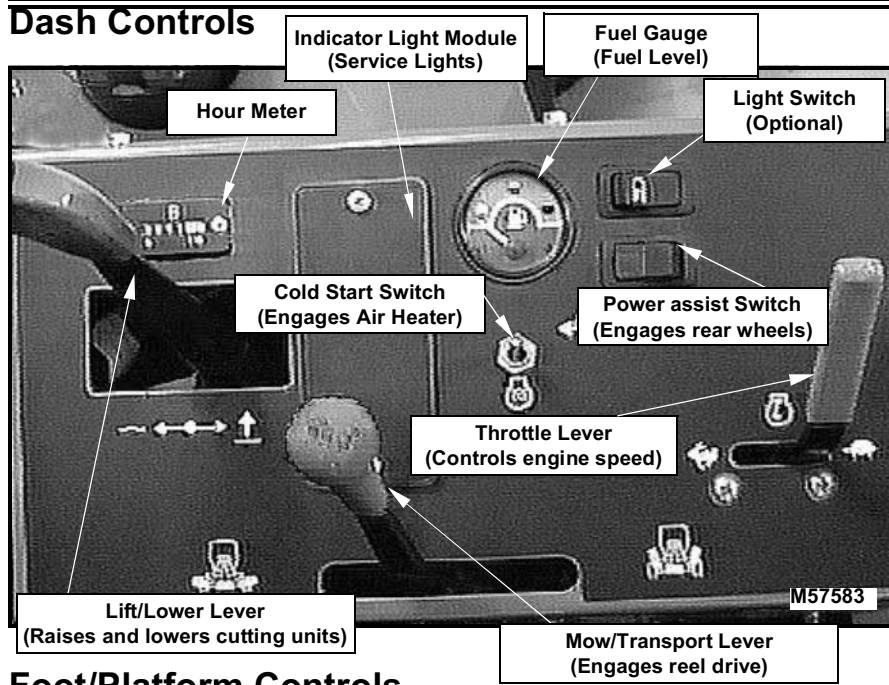
# SAFETY SIGNS

## Machine Safety Labels Continued

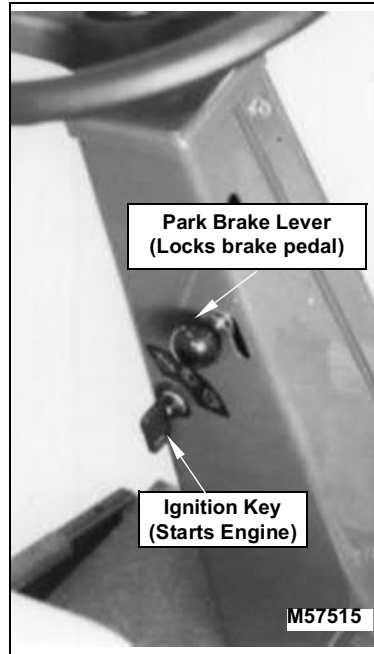
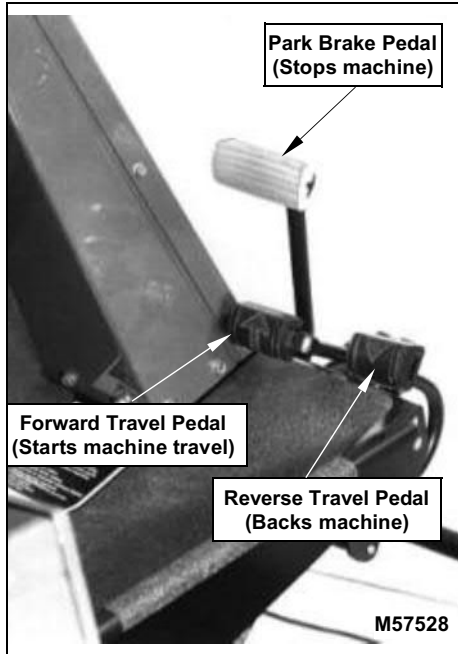


# CONTROLS

## Dash Controls



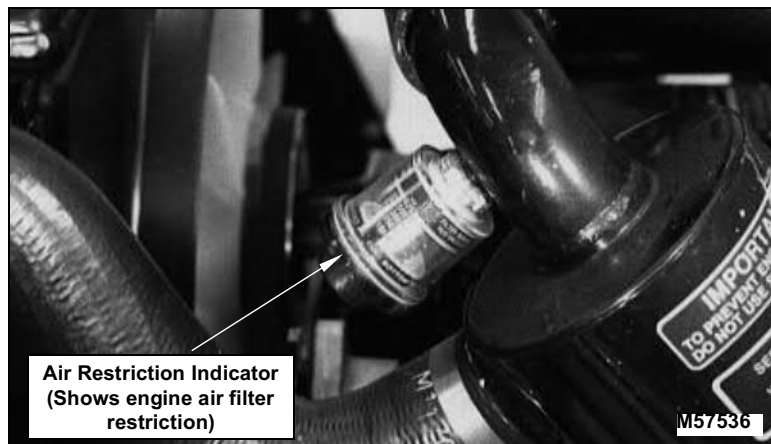
## Foot/Platform Controls



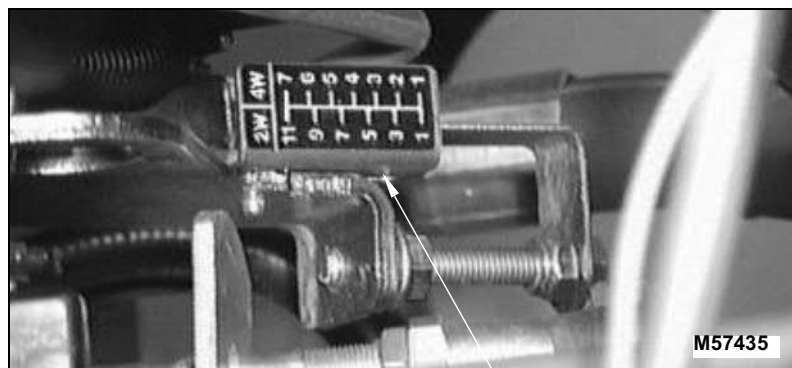
# CONTROLS

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**Air Restriction Indicator**  
(Shows engine air filter restriction)



**Mow Speed Adjustment (M.P.H.)**  
(Adjusts Maximum Mowing Travel Speed)

# OPERATING

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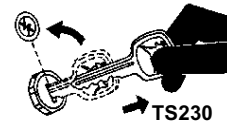
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## SAFETY

### Operator Training Required

- Study operation section of this manual before operating the machine.
- Learn to operate the 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 and service of the machine.

### Park Safely



- Stop machine on a level surface, not on a slope.
- Throttle down.
- Move Mow/Transport lever to TRANSPORT.
- Lower Cutting units 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

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### Rotating Blades Are Dangerous - Prevent Accidents



#### HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

- Be alert at all times, drive forward carefully. People can move into the mowing area before you know it.
- Back carefully. Look behind the machine carefully before you back up.
- Use extra care when you come to blind corners, shrubs, trees, or other objects that may block your vision.
- Shut off cutting units when you are not mowing.
- Keep hands and feet away from cutting units while machine is running.
- Stop engine and wait for reels to stop turning before making any adjustments to the cutting units.

## OPERATING

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### Use Seat Belt Properly



Use a seat belt when you operate with a roll-over protective structure (ROPS) to minimize chance of injury from an accident such as an overturn.

Do not use a seat belt if operating without a ROPS.

### 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.
- 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, raise cutting units and back down slowly.

# OPERATING

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## 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.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.



## 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 driveline is stopped before getting near it.

# OPERATING

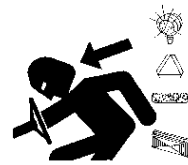
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## Check Wheel Bolts

- 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. Check at 5, 50 and 100 hours.

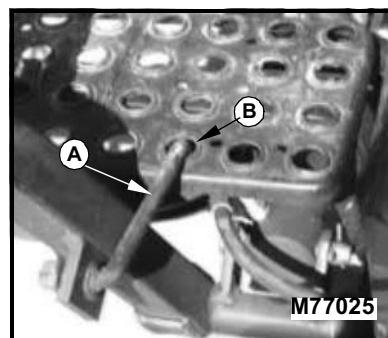
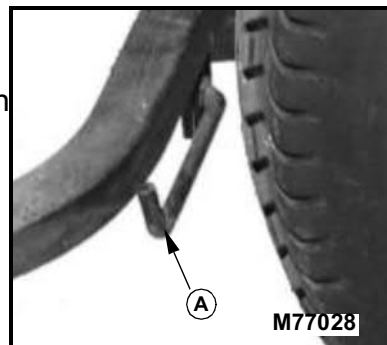
## Transport Safely



- 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.

When transporting on public roads use a SMV sign day or night. An SMV kit is available from your John Deere dealer.

- When transporting with front two wing cutting units up, use spring loaded mower lift locks (A) on each front outside mower, engage lock arm into footrest hole (B) on each side



## OPERATING

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### USING SEAT BELT

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**C CAUTION:** Use a seat belt when operating with a roll-over protective structure (ROPS) to minimize chance of injury from an accident such as an overturn.

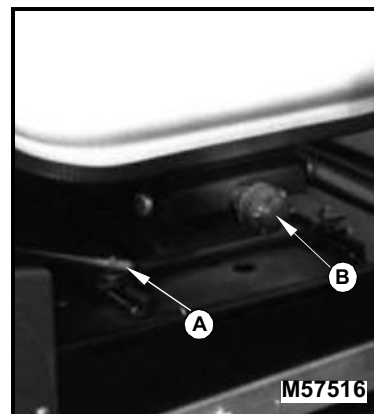
DO NOT use a seat belt if operating without a ROPS.

### Adjusting Seat

Move lever (A) to the left and slide seat forward or rearward to the most comfortable position.

Release lever to LOCK seat in position.

Turn knob (B) clockwise for a harder (stiffer) ride or counterclockwise for a softer ride.



## OPERATING

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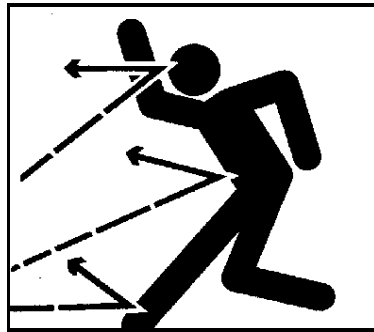
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### BEFORE OPERATING MOWER

Inspect mower carefully.

Remove foreign objects from machine.

Make sure all hardware is tightened.



Area to be mowed must be free from wire, stones, glass, cans, or other debris to prevent these objects from being thrown.

All guards and shields must be in place and fastened.

Brakes, steering, tires, and lights must operate correctly.

Hydraulic hoses and fittings must be tight. Worn or damaged hoses may burst endangering the operator or cause turf damage.



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## **OPERATING**

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### **START ENGINE SAFELY**

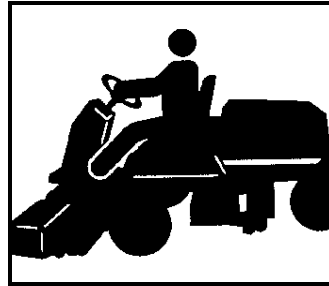
Before starting engine:

Sit on seat.

Set parking brake.

Put all operating controls in neutral.

Move Mow/Transport lever to transport position.



### **AVOID NEUTRAL CREEP**

The machine may creep forward or backward while in neutral with engine running and parking brake disengaged.

After engine has started, release parking brake and with the directional speed control pedals in their Neutral position the machine should not move.

If movement is evident, neutral return mechanism is adjusted incorrectly. Shut off engine and adjust until machine does not move when directional speed control pedals are in Neutral position. (Refer to TRANSMISSION NEUTRAL ADJUSTMENT in Service Transmission Section.)

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