

F1145 Front Mower

(Serial No. 140001 –)

OPERATOR'S MANUAL

**John Deere
Lawn & Grounds Care Division
OMM124892 F6**

**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.



CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

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 and their metric units 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:

Phone:

Product Identification Number:

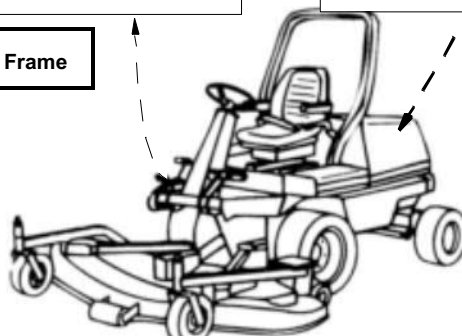
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Engine Serial Number:

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Right Side of Frame

Top of Engine



M73567

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All information, illustrations and specifications in this manual are based on the latest information at the time of publication. The right is reserved to make changes at any time without notice.

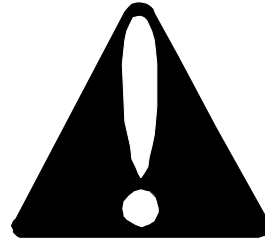
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SAFETY SIGNS

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

Machine Safety Labels (Continued)



SAFETY SIGNS

Compliance Label

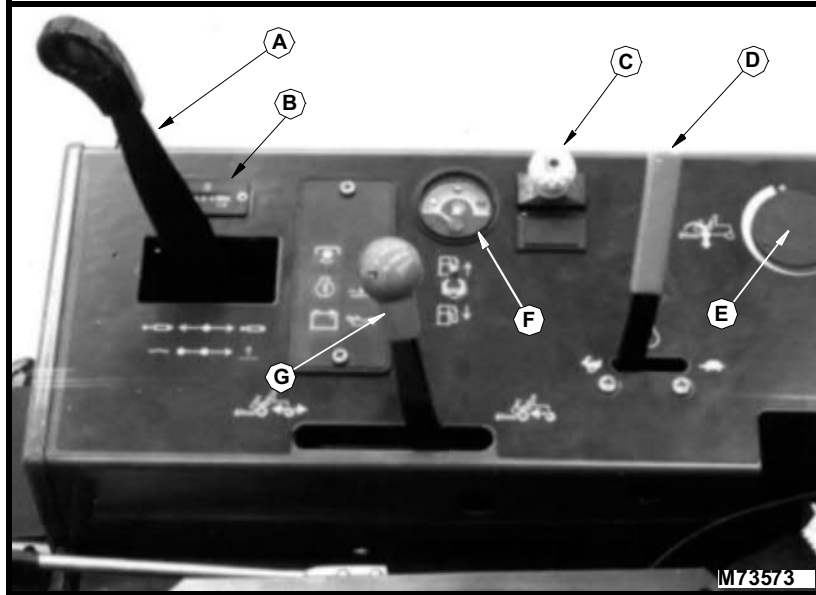
This label on your machine indicates that this model has been tested and evaluated by the manufacturer and conforms to rotary mower requirements of the American National Standard B-71.4.1990 for Commercial Turf Care Equipment Safety Specification.



THIS MODEL HAS BEEN TESTED AND EVALUATED
BY THE MANUFACTURER AND CONFORMS TO ALL
APPLICABLE ROTARY MOWER REQUIREMENTS
OF ANSI B71.4 - 1990 AMERICAN NATIONAL
STANDARD FOR COMMERCIAL TURF CARE
EQUIPMENT SAFETY SPECIFICATION

CONTROLS

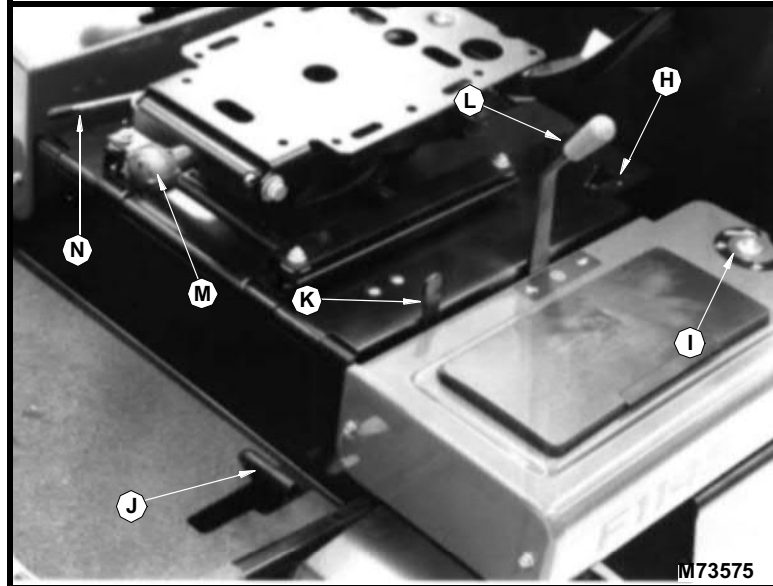
Panel Controls



- A - Hydraulic Control LeversRaises/lowers attachments.
- B - Hour Meter Shows how many hours are on machine.
- C - PTO SwitchEngages attachments.
- D - Throttle LeverControls engine speed.
- E - Weight Transfer Knob (Optional)
- F - Fuel Gauge.....
- G - Four Wheel Drive Lever

CONTROLS

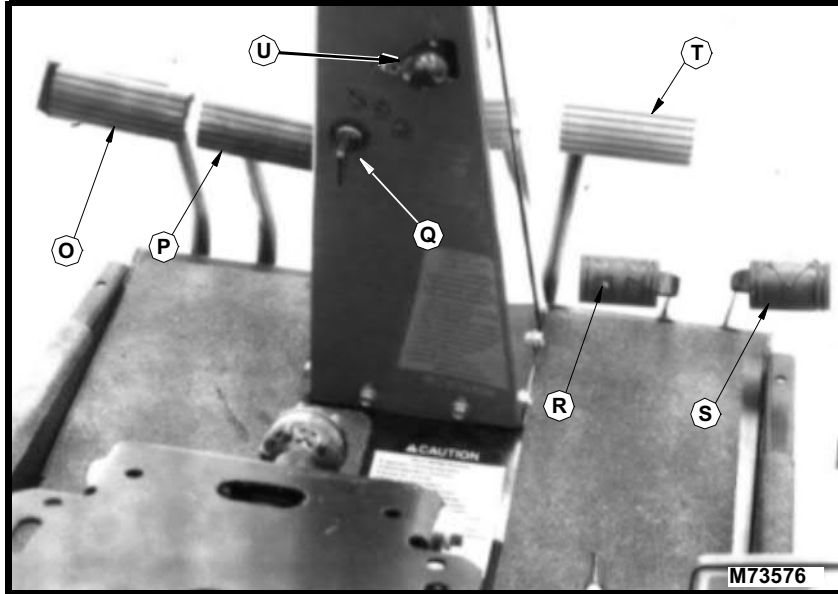
Seat And Miscellaneous Controls



- H - Seat Release Tab
- I - Reserve Fuel Tank Switch.....
- J - Differential Lock
- K - Seat Release Lever.....
- L - High-Low Lever.....
- M - Weight Knob.....
- N - Seat Lever

CONTROLS

Park Brake Knob And Foot Controls



- O - Left Turn Brake.....
- P - Right Turn Brake
- Q - Key Switch
- R - Forward Travel Pedal
- S - Reverse Travel Pedal
- T - Service Park Brake.....
- U - Park Brake Knob

OPERATING

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
- 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

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

Use Seat Belt Properly



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

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

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.

OPERATING

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.

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.

OPERATING

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.

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

Mount And Dismount Safely

- Use mower step when you mount or dismount.
- Keep step and platform clean.

Avoid Crushing

Serious injury or death could result unless you use extra care when you service the front mower with a wheel, or wheels, off the ground.



WARNING: ALL FOUR WHEELS ARE POWERED AT ALL TIMES.

- All wheels drive.
- Do not operate engine with only front axle raised.
- When service work requires raising the Front Mower and starting the engine, **RAISE BOTH FRONT AND REAR WHEELS OFF THE GROUND.** This will prevent the powered front and rear wheels from contacting the ground, causing the machine to move.

OPERATING

Lifting Seat

1. Push and hold tab on either side of seat panel to the rear.
2. Lift seat to desired height.



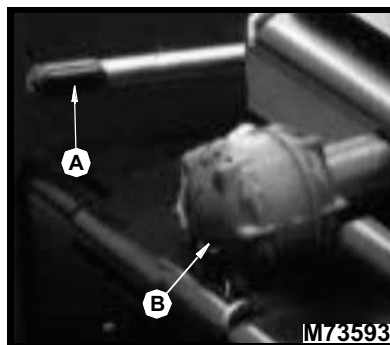
Lowering Seat

1. Pull and hold lever to release latch.
2. Lower seat.



Adjusting Seat

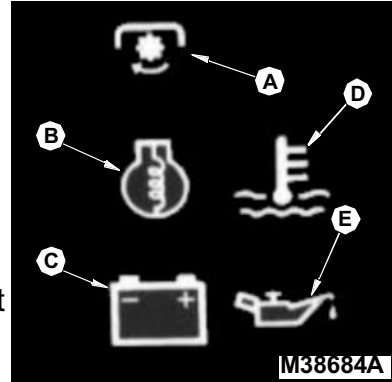
1. Move lever (A) to the left and slide seat forward or rearward to the most comfortable position.
2. Release lever to LOCK seat in position.
3. Turn knob (B) clockwise for a harder (stiffer) ride or counterclockwise for a softer ride.



OPERATING

Indicator Lights And Gauges

- PTO indicator (A) will come on when PTO is engaged.
- Engine Preheat indicator (B) will come on for up to 8 seconds when starting the engine. If the engine has been run and then cooled, the time maybe less. If engine has been run and is hot the light will not come on.
- Battery Discharge indicator (C) will come on when output is too low. If indicator comes on during operation, stop engine and perform appropriate service.
- Coolant Temperature indicator (D) will come on when engine is overheating.
- Oil Pressure indicator (E) will come on when engine oil pressure is too low. If indicator comes on during operation, stop engine and perform appropriate service.



Hour Meter

Check hour meter and Periodic Service Chart under hood daily to learn when your Front Mower needs service.

The hour meter shows number of hours engine has run. The periodic service chart gives necessary service intervals.

After you have done ALL the services in an interval section, write the hours from the hour meter and the date in spaces provided.





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OPERATING

Oil Pressure Indicator

IMPORTANT: Do not use oil pressure indicator as a way to tell you that the engine oil is low.
• Check daily using engine oil dipstick.

The oil pressure indicator light (A) will come on when the engine oil pressure is too low.

1. If the oil pressure indicator comes on during operation, STOP engine.
2. Check engine oil level. (See Checking Engine Oil Level in Service Engine section.) Add oil if necessary.

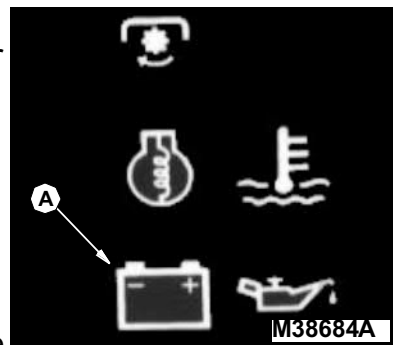
3. Start engine. If indicator is still on, DO NOT operate Front Mower. STOP engine and see your John Deere dealer.



Battery Discharge Indicator

The battery discharge indicator light (A) will come on when alternator output is too low.

1. If the battery discharge indicator comes on during operation, move throttle to FAST position. STOP engine if light remains on.
2. See Electrical System in Troubleshooting section to determine the cause. If problem cannot be corrected, see your John Deere dealer.



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