

F710 and F725 Front Mowers

(Serial No. 050001 –)

OPERATOR'S MANUAL

**John Deere
Lawn & Grounds Care Division
OMM120581 C6**

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

TABLE OF CONTENTS

	Page
Safety Signs	1
Controls	4
Operating	7
Operating The Mower	35
Lawn Care	43
Replacement Parts	47
Service Machine Safely	49
Service Interval Chart	51
Service - Engine	55
Service - Transmission	71
Service - Mower	77
Service - Steering And Brakes	89
Service - Electrical	93
Service - Miscellaneous	103
Removing And Storing The Mower	107
Installing The Mower	110

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TABLE OF CONTENTS

	Page
Troubleshooting	113
Storing Vehicle	119
Assembly	122
Specifications	130
Warranty	140
Index	147
Order Form	155

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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.

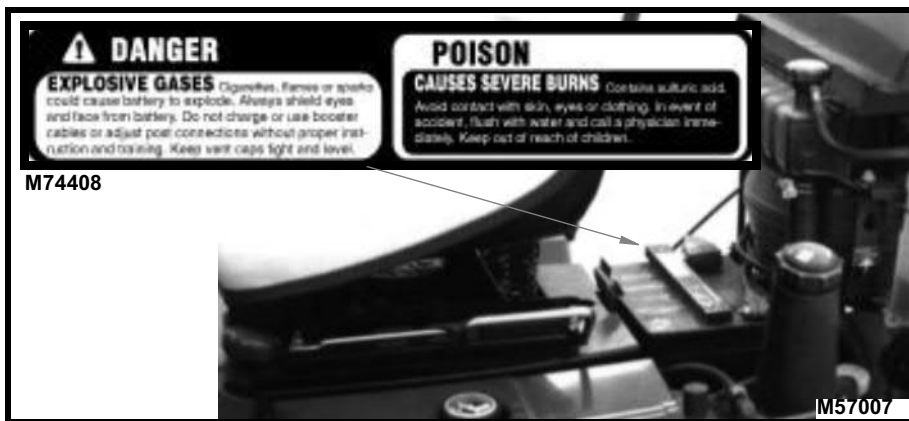


Machine Safety Labels



SAFETY SIGNS


Machine Safety Labels (Continued)



SAFETY SIGNS

Compliance Label

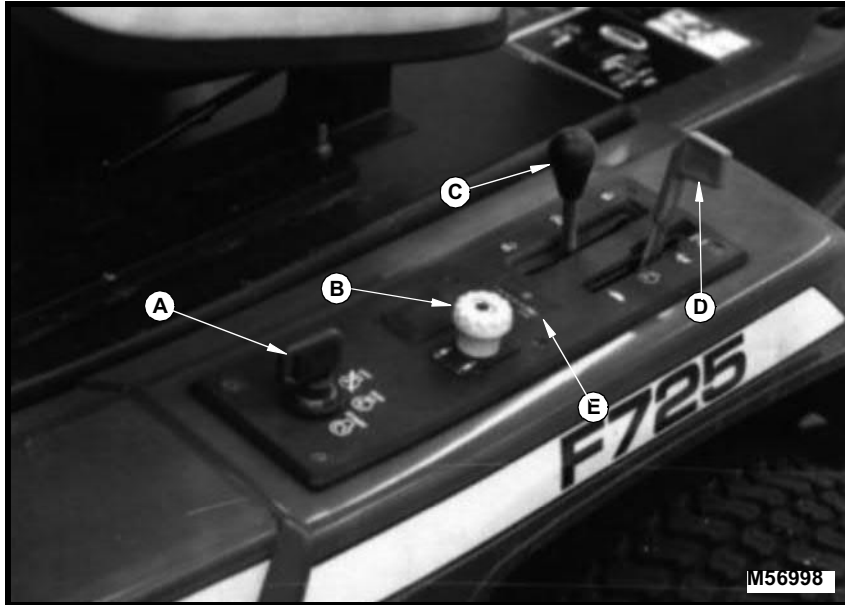
This label on your machine indicates that this model has been tested and evaluated by the manufacturer and conforms to rotary mower requirements of the American National Standard B-71.4.1990 for Commercial Turf Care Equipment Safety Specification.



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

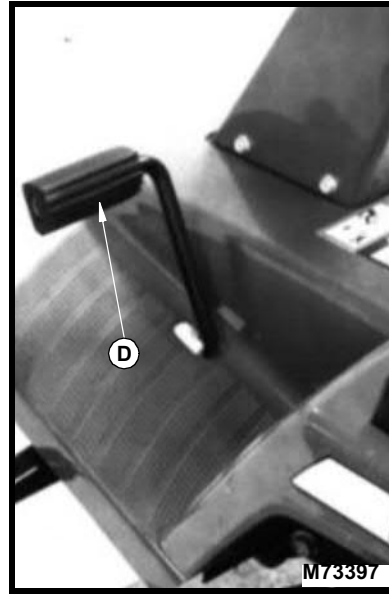
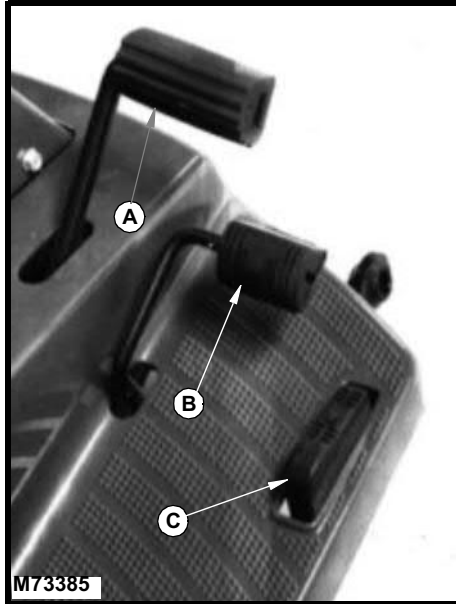
Panel Controls



- A - Key..... Starts the engine.
- B - PTO Switch Engages the attachments.
- C - Park Brake Lever..... Engages the park brake.
- D - Throttle LeverControls the engine speed.
- E - Hour Meter Records number of hours engine has run.

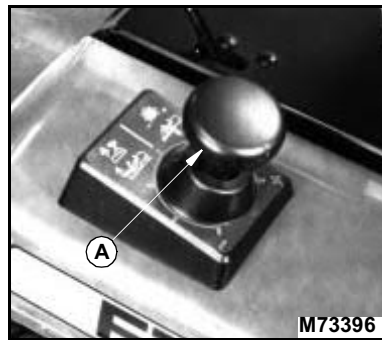
CONTROLS

Foot Controls



- A - Brake Pedal Stops the machine.
- B - Forward Travel Pedal..... Starts the machine travel.
- C - Reverse Travel Pedal.....Backs the machine.
- D - Differential Lock Pedal..... Push for improved traction.

Weight Transfer Control



- A - Weight Transfer Control Improves Front Mower traction.

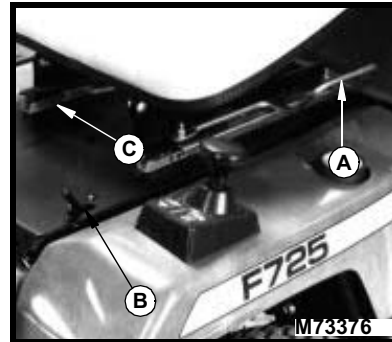
CONTROLS

Indicator Lights

A - Indicator Lights

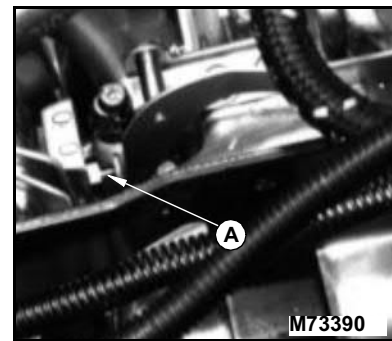


Seat Controls



- A - Handle Raises or lowers seat.
- B - Seat Release Lever Releases seat to perform services.
- C - Seat Control Lever Can slide seat forward or reverse.

Free-Wheeling Lever



- A - Free -Wheeling Lever Allows you to move machine without engine running.

OPERATING

Operate Safely

- Check brake action before you operate. Adjust or service brakes as necessary.
- 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.
- Get on the Front Mower from the LEFT SIDE ONLY.
- Raise and lower the seat from the LEFT SIDE ONLY.
- Start the engine from the operator's seat only.
- Keep your feet on the platform.
- When driving the Front Mower:
 - Without an attachment, drive slowly and avoid quick stops.
 - With the snowthrower installed, order the Rear Weight Kit. See your John Deere dealer for these weights.
- Check the seat mounting at regular intervals. Tighten the hardware, if necessary. If you find cracks or rust in the seat base or seat, replace the seat immediately.



OPERATING

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 STOP.

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.

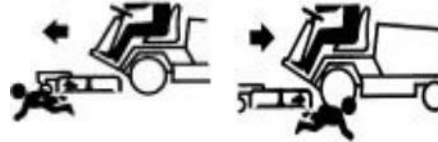
Wear Appropriate Clothing

- 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.



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 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

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

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.



- 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.

Towing Loads



CAUTION: BE CAREFUL ON SLOPES: Pulling a heavy load on a slope may cause you to lose control of steering, and may result in personal injury. Do not tow children in a cart or trailer. LOOK FOR CHILDREN before you back a load.

Use **ONLY** the drawbar to pull trailers, carts, or light attachments.

Do not tow more than 318 kg (700 lb) gross weight.

Tow only loads you can safely control.

Be careful when you back a loaded trailer, cart, or attachment.

LOOK FOR CHILDREN before you back.

OPERATING

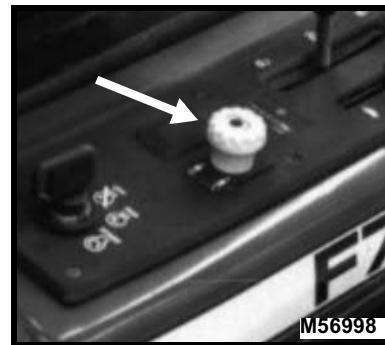
Using Key

- Turn the key straight ahead to the OFF position.
- Turn the key to the first or RUN position: Two indicator lights should go ON.
- Turn the key to the second or START position to START the engine: The F25 coolant temperature light should go ON.



Using PTO Switch Knob

- To turn the switch ON: Pull knob up.
- Push the knob down to the OFF position.



Using Park Brake Lock Lever

- Use this lever to LOCK and UNLOCK the park brake.

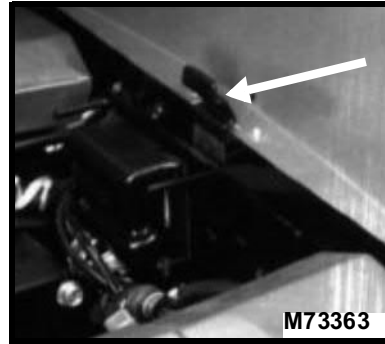


OPERATING

Raising And Lowering The Hood

To raise the hood:

1. Push and hold the hood latch forward.
2. Lift the hood a short distance with your hand at the top, center of the hood.
3. Release the latch.
4. Open the hood all the way.



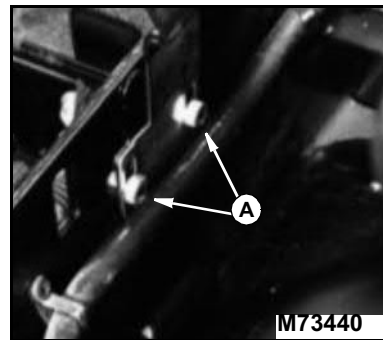
To lower the hood:

1. Do not drop the hood to latch it: Lower the hood to the latch.
2. Then push the hood down to latch it.

Adjusting The Hood Latch

NOTE: The battery has been removed for this picture.

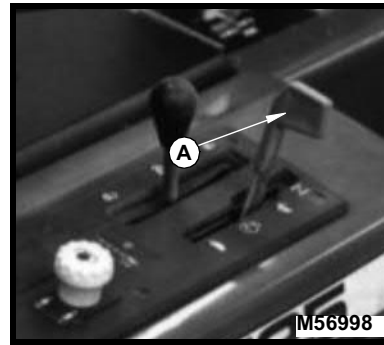
1. Loosen the two nuts (A).
2. Move the latch up or down to the desired position.
3. If the adjustment is correct, the latch should hold the hood tightly. You should have to push the hood down slightly when you close it to latch the hood.



OPERATING

Using Throttle Lever

- Push lever (A) forward to FAST (🐘) position. Operate mower with the lever in this position.
- Move the lever to the rear to the SLOW (🐢) position. Do not run the engine at SLOW throttle any longer than necessary.
- Move the lever all the way forward to the CHOKE (🔒) position to start the engine.
- Pull the lever back as the engine warms.

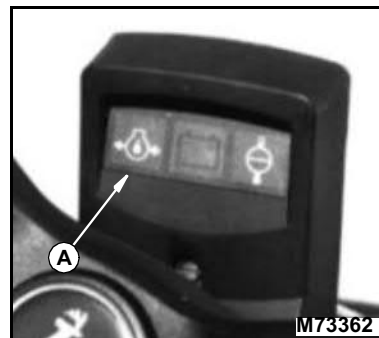


Indicator Lights

A-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. Before you run the engine, find and correct the cause.

- The RED indicator light means the oil is low and/or the oil pressure is low.
- The indicator should light when you turn the key switch to ON.
- The light should go out when the engine starts.





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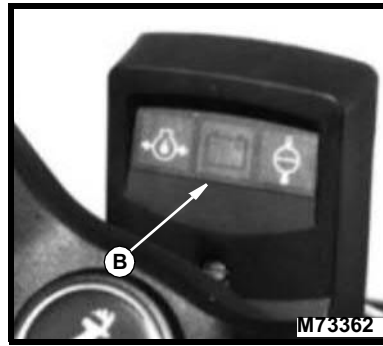
OPERATING

Indicator Lights Continued:

B-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 means the battery is not getting enough charge from the alternator.
- The indicator should light when you turn the key to RUN.
- The light should go out when the engine starts.



C-F725 ENGINE COOLANT TEMPERATURE INDICATOR

IMPORTANT: If the indicator lights RED when the engine is running, STOP THE ENGINE. Find and correct the cause, or you may damage the engine.

- The RED indicator light means the engine coolant is too HOT.
- The indicator should not light when you turn the key to RUN.
- The light should go ON when you turn the key to START, and should go out when the engine starts.



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