

# F910 and F930 Front Mower (Serial No. 010,001)



JOHN DEERE

## OPERATORS MANUAL

F910 and F930 Front Mower  
(Serial No. 010,001)

OMM79675 Issue I9 English

John Deere Horicon Works

OMM79675 Issue I9

(This manual replaces OM-M79594 Jun 88)

LITHO IN U.S.A.  
ENGLISH



THANK YOU for purchasing a John Deere product.

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. 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 implement will travel when going forward.

WRITE IDENTIFICATION NUMBERS in the Specifications section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. If this manual is kept on the

machine, also file the identification numbers in a secure place off the machine.

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 warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty supplied with your machine may not apply outside the U.S.

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

OMM79675 19-19-19DEC89

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A John Deere ILLUSTRATION™ Manual

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# Safety

## CERTIFICATION

**THIS MODEL HAS BEEN TESTED AND EVALUATED BY THE MANUFACTURER AND CONFORMS TO ANSI B71.4-1984 SAFETY SPECIFICATION FOR COMMERCIAL TURF CARE EQUIPMENT**

M38195 -19-17JAN89

MX,SAC,A -19-27AUG85

## RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



O53,ALERT -19-16JUN87

T81389 -UN-07DEC88

## UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



O53,SIGNAL -19-07OCT85

TS187 -19-30SEP88



## FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs.

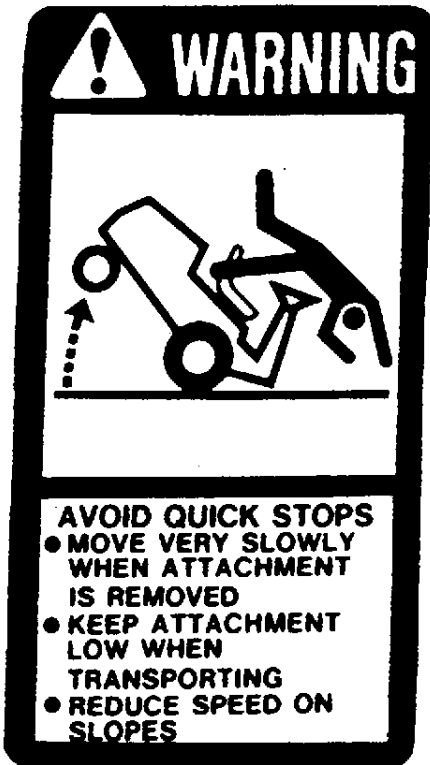
Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



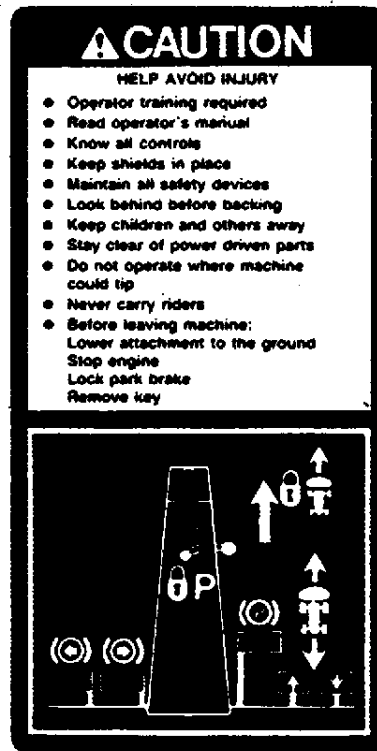
TS201 -UN-23AUG88

O53,READ -19-23APR87



On Steering Column

M33824 -19-13MAR89



On Operator's Platform

M40985 -19-14MAR89

MX,SAE,A1 -19-18MAY87



M33716 -19-13MAR89

Rotating Shaft Safety Sign Under PTO Access door

MX,SAC,D -19-15AUG85

### ROLL-GARD SAFETY

(Located on Instrument Panel)

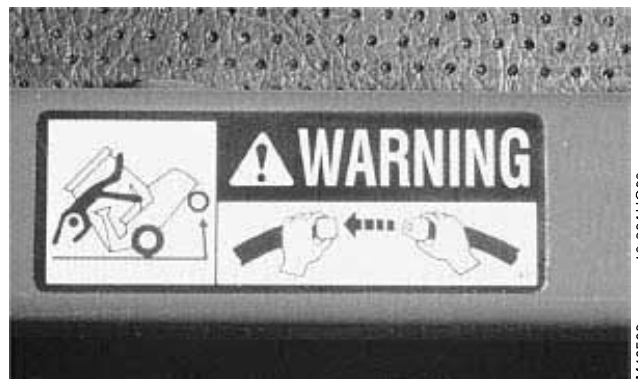


M40507 -19-28AUG89

MX,SAE,A -19-05JAN87

### ROLL-GARD SAFETY

(Located on Top Frame of Roll-Gard)



M40508 -19-28AUG89

MX,SAE,B -19-05JAN87



## PROTECT CHILDREN

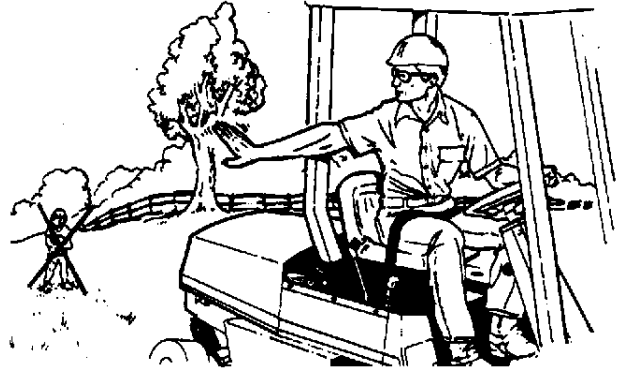
Keep children and others away when you operate machine.

DO NOT let children operate Front Mower.

Before you back up:

—Stop the PTO.

—Look behind Front Mower for children.



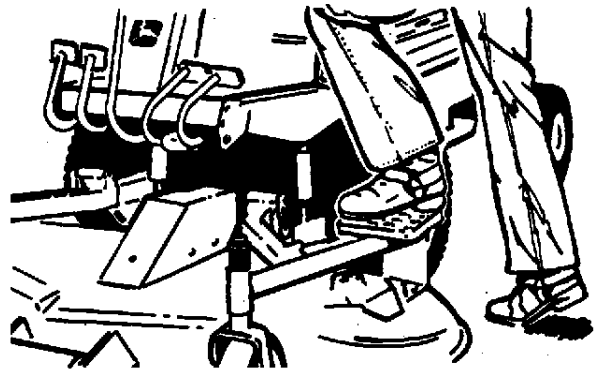
MX,SAC,E -19-05AUG85

M38334 -UN-29AUG88

## MOUNT AND DISMOUNT SAFELY

Use the mower step when you mount or dismount.

Keep step and platform clean.



MX,SAC,F -19-05AUG85

M38704 -UN-29AUG88

## INSPECT FRONT MOWER CAREFULLY

Inspect the Front Mower carefully before you operate it.

Guards and shields should be in place.

Keep nuts, bolts, and screws tight.



MX,SAC,G -19-05AUG85

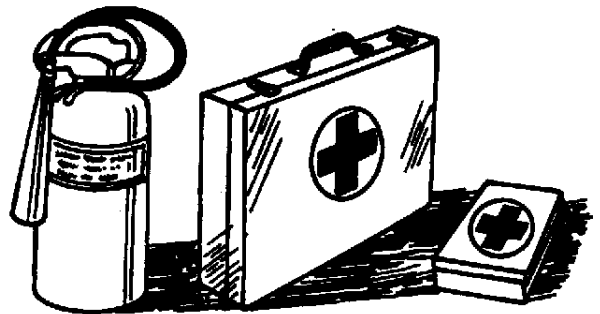
M38705 -UN-29AUG88

## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



O53,FIRE2 -19-03MAR88

TS291 -UN-23AUG88



## PROTECT AGAINST NOISE

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



O53,NOISE -19-23APR87

TS207 -UN-29AUG88

## OPERATE SAFELY

Always wear shoes when operating Front Mower.

Keep hands, feet and clothing away from power-driven parts.

Do not adjust Front Mower when engine is running, unless the procedure is approved: Stop the engine.

Stop the PTO when you are driving the Front Mower between job sites or when you are not using an attachment.



MX,SAC,J -19-05AUG85

M38706 -UN-29AUG88

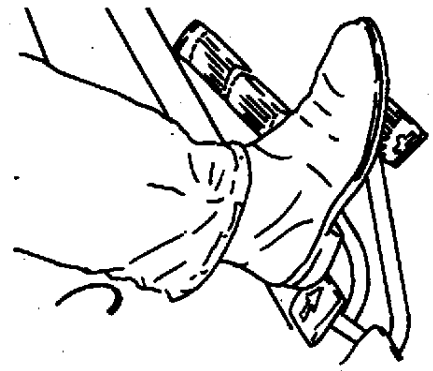
## AVOID TIPPING

Slow down before you make a sharp turn.

Do not drive where machine could slip or tip.

Stay alert for holes, rocks, and roots in the terrain, and other hidden hazards. Keep away from drop-offs.

Use care when pulling loads or using heavy equipment use counterweights or wheel weights when suggested in this operator's manual.



MX,SAC,K -19-05AUG85

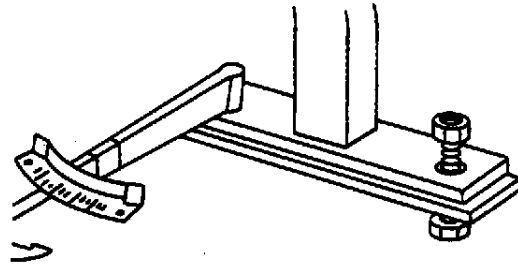
M38710 -UN-29AUG88



## KEEP ROPS INSTALLED PROPERLY

Make certain all parts are reinstalled correctly if the roll-over protective structure (ROPS) is loosened or removed for any reason. Tighten mounting bolts to proper torque.

The protection offered by ROPS will be impaired if ROPS is subjected to structural damage, is involved in an overturn incident, or is in any way altered by welding, bending, drilling, or cutting. A damaged ROPS should be replaced, not reused.



O53,ROPS3 -19-23APR87

-UN-23AUG88  
TS212

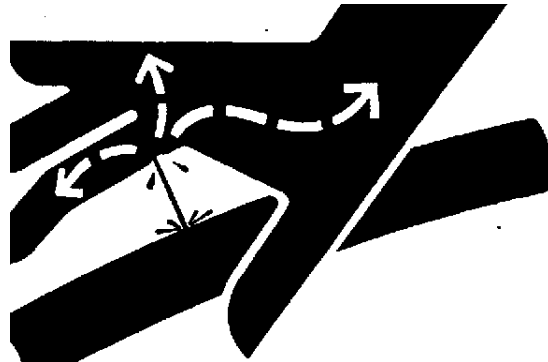
## AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury may call the Deere & Company Medical Department in Moline, Illinois, or other knowledgeable medical source.



O53,FLUID -19-01DEC88

-UN-23AUG88  
XG811



## SERVICE TIRES SAFELY

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.

When sealing tire beads on rims, never exceed 35 psi (241 kPa) (2.4 bar) or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached, deflate, reposition tire, relubricate bead and reinflate.



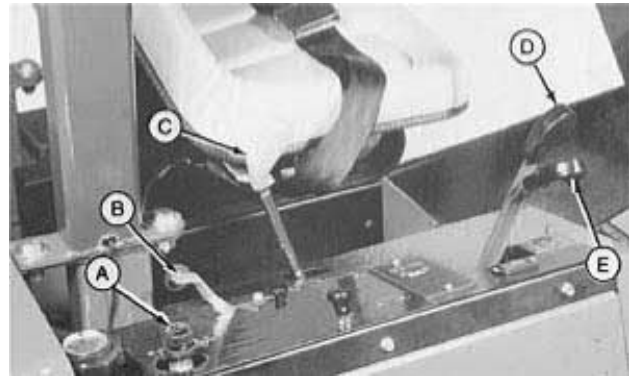
M34163 -UN-25AUG88

O53,TIRE4 -19-21APR86

# Controls

## CONTROL LEVERS

- A—Weight Transfer Valve (Black)\*
- B—Throttle Lever
- C—PTO Lever
- D—Hydraulic Lever
- E—Auxiliary Hydraulic Lever



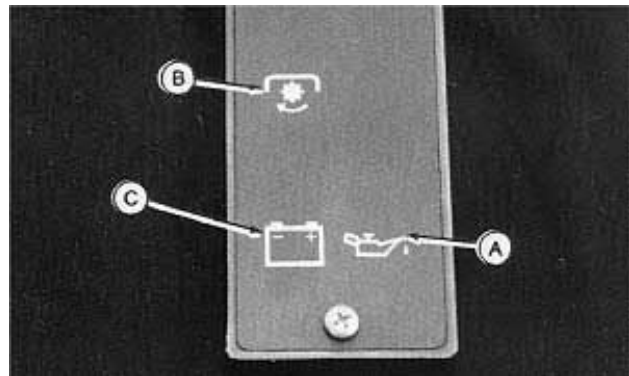
M62940 -UN-05SEP89

*\*Optional on F910 Front Mower*

MX,CTA,A -19-03SEP85

## INDICATOR LIGHTS

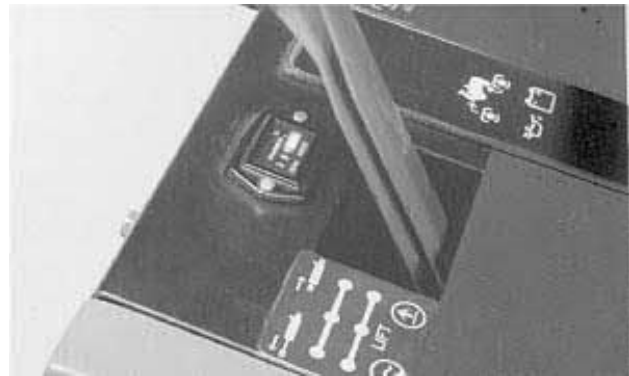
- A—Engine Oil Pressure Light
- B—PTO Light
- C—Battery Discharge Light



M61410 -UN-01SEP88

MX,CTA,B1 -19-17JUN88

## HOUR METER



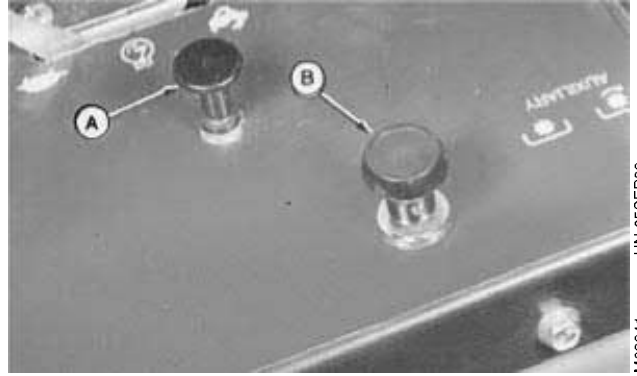
M38856 -UN-29AUG88

MX,CTA,C1 -19-20AUG85

Controls

**CHOKE AND LIGHT SWITCH**

- A—Choke
- B—Light Switch

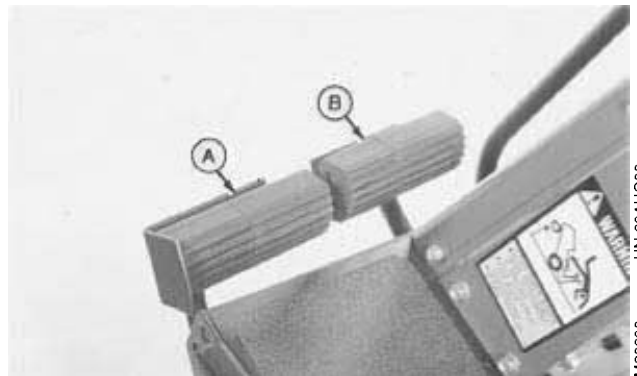


MX,CTA,D -19-13FEB84

M62941 -UN-05SEP89

**TURN BRAKE PEDALS**

- A—Left Turn Brake Pedal
- B—Right Turn Brake Pedal

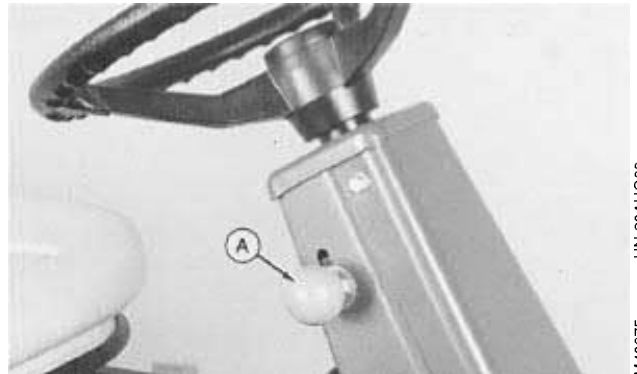


MX,CTC,E -19-05AUG85

M38298 -UN-29AUG88

**CRUISE CONTROL**

- A—Cruise Control

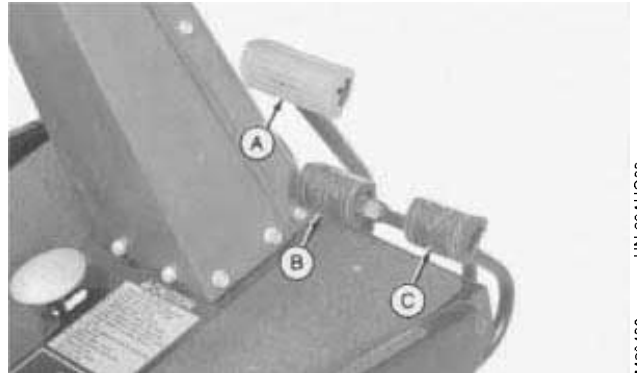


MX,CTE,B1 -19-05MAY87

M40975 -UN-30AUG88

**CONTROL PEDALS**

- A—Service-Park Brake Pedal
- B—Forward Speed Control Pedal
- C—Rearward Speed Control Pedal



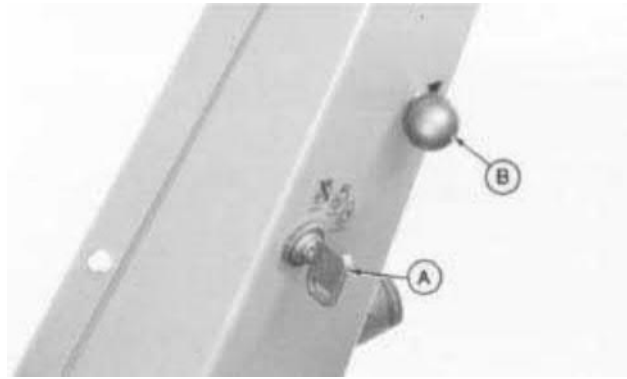
MX,CTC,G -19-31JAN86

M39460 -UN-29AUG88

Controls

**IGNITION KEY SWITCH AND PARK BRAKE LOCK**

A—Ignition Key Switch  
B—Park Brake Lock



MX,CTA,F -19-23NOV83

M62738 -UN-10AUG89

**DIFFERENTIAL LOCK PEDAL**



MX,CTC,H -19-31JAN86

M39481 -UN-29AUG88

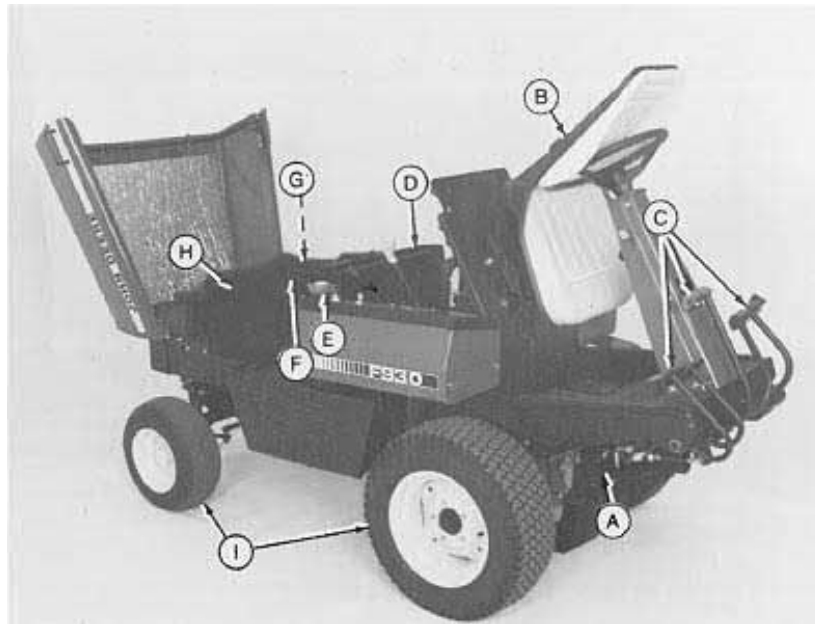
**RESERVE FUEL LEVER**



MX,CTA,H -19-23NOV83

M33742 -UN-07SEP88

# Prestarting Checks



M40986  
-UN-30AUG88

Check	When	Reference	Section
A—Transmission oil level	Daily	Checking Transmission Oil Level	Service/Daily
B—Seat	As necessary	Adjusting Seat	Service/As Necessary
C—Service-park brake pedal, speed control pedals and safety switch functions	Daily	Checking Service-Park Brake Pedal, Speed Control Pedals and Safety Switch Functions	Service/Daily
D—Air intake screen	Daily	Checking Air Intake Screens	Service/Daily
E—Fill fuel tank	Daily	Fuels	Fuels and Lubricants
F—Air cleaner	Daily	Checking Air Cleaner	Service/Daily
G—Engine oil level	Daily	Checking Engine Oil Level	Service/Daily
I—Tire Pressure	As necessary	Checking Tire Pressure	Service/Weekly
Leaking oil or fuel	Daily		
Loose or damaged parts	Daily		

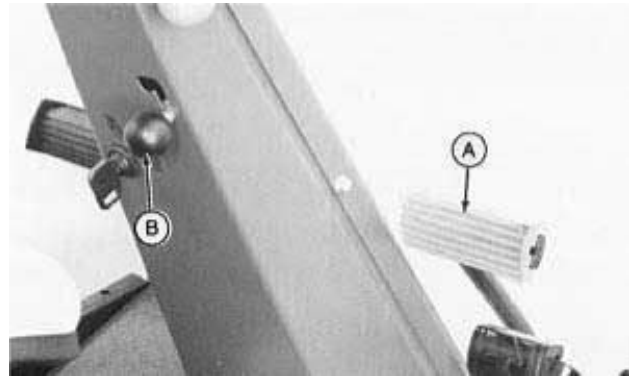
MX,PCA,A -19-15JUN87

# Operating the Engine

## STARTING ENGINE

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

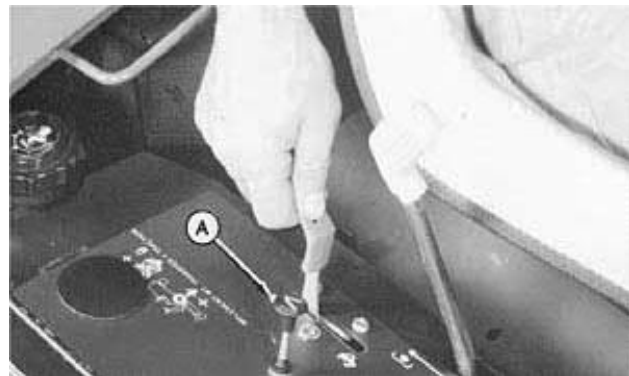
1. Push service-park brake pedal (A) all the way down.
2. Lower park brake knob (B) to "locked" position (bottom of slot). Pedal will stay down while park brake is locked.



MX,OEC,A -19-31JAN86

M62739 -UN-10AUG89

3. Move throttle to 1/4 position.
4. When engine is cold, pull choke knob (A) all the way up.



MX,OEA,E -19-20AUG85

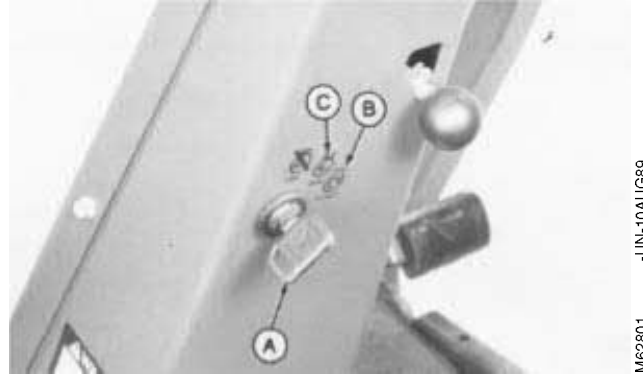
M62942 -UN-05SEP89

## Operating the Engine

5. Turn key (A) to RUN position (C). Check indicator lights. (See chart below).

**IMPORTANT: If an indicator does not operate as shown on chart, IMMEDIATELY STOP THE ENGINE. Find and correct the cause.**

**Do not operate starter more than 10 seconds. If engine does not start, wait 2 minutes before you try again to avoid starter damage.**



M62801 -UN-10AUG89

6. Turn key to START position (B). If engine does not start after four tries, see Machine Operational Checkout section.

7. As soon as engine starts, release key. The key will return to the RUN position.

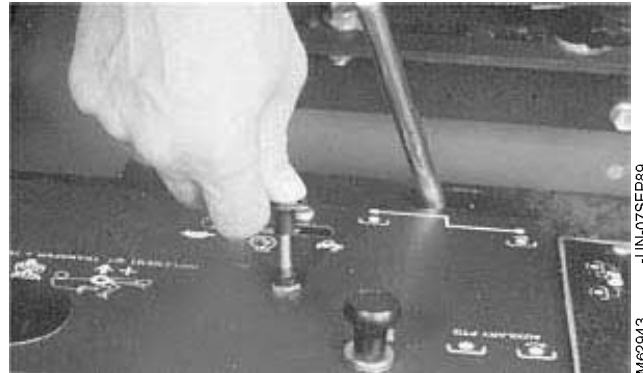
### INDICATOR LIGHTS AND KEY POSITIONS

Indicator Lights	RUN—Before Starting	START	RUN—After Starting
Battery	ON	ON	OFF
Oil*		Pressure builds	
PTO	OFF	OFF	OFF until you engage PTO with lever

\*Buzzer should sound when light is on.

MX,OEA,F -19-07APR86

8. After engine starts, gradually push the choke knob down. You may have to leave the choke knob halfway up until the engine warms.



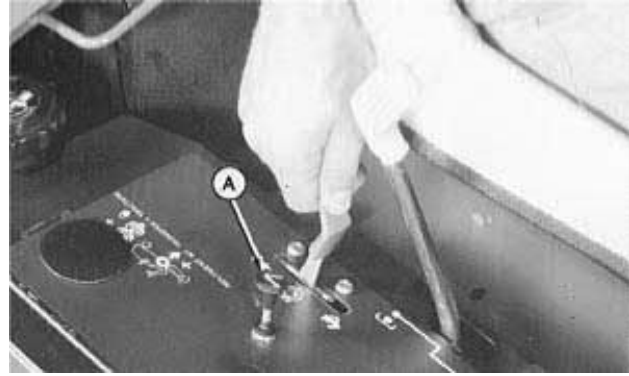
M62943 -UN-07SEP89

MX,OEA,G -19-20AUG85

## Operating the Engine

### ENGINE WARM-UP

1. Run the engine at half throttle for 5 minutes without putting Front Mower under a full load.
2. As engine warms, gradually push choke knob (A) all the way in.



MX,OEA,H -19-05JAN84

M62944 -UN-07SEP89

### ENGINE IDLING

1. The engine is air-cooled and needs a large volume of air to keep cool. Keep the air intake screen clean. (See CLEANING AIR INTAKE SCREEN in Service/Daily section.)
2. Avoid unnecessary engine idling.



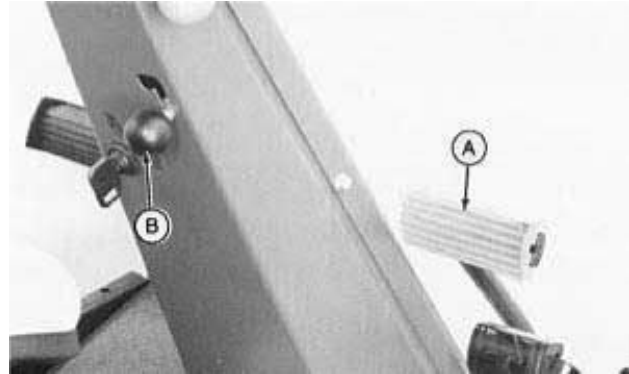
MX,OEA,I -19-25JAN84

M33781 -UN-07SEP88

### STOPPING THE ENGINE

*NOTE: PTO will automatically disengage when ever service-park brake (A) is depressed.*

1. Depress service-park brake pedal (A) and lower park brake knob (B) into long slot.
2. Pedal will stay down when park brake is locked.



MX,OEC,G -19-05AUG85

M62739 -UN-10AUG89

3. Lower attachment to ground.
4. Move throttle lever to SLOW position.
5. Turn key switch (A) OFF. Remove key.



MX,OEA,L -19-03AUG85

M62945 -UN-07SEP89



**Suggest:**

**If the above button click is invalid.**

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**to download the complete manual.**

**Thank you so much for reading**

# Driving the Front Mower

## USING SEAT BELT

**⚠ CAUTION:** 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.



MX,OTC,A -19-05AUG85

M34570 -UN-07SEP88

## OPERATOR TRAINING REQUIRED

1. Study operation sections of this manual before operating the Front Mower.
2. Operate Front Mower in an open, unobstructed area under the direction of an experienced operator.
3. Learn the use of all controls.
4. Operator experience is required to learn the moving, stopping, turning and other operating characteristics of the Front Mower.



MX,OTC,B1 -19-19JAN87

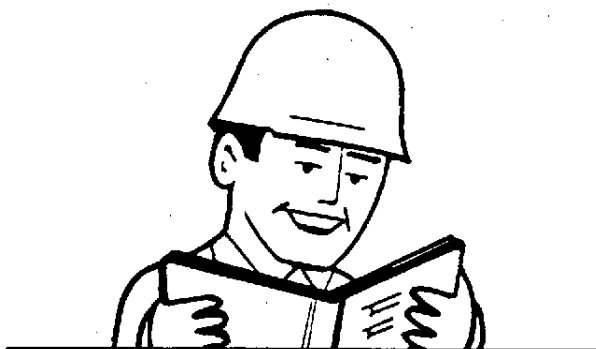
M34556 -UN-07SEP88

## LEARN MACHINE SAFETY

Carefully read this manual. Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate this machine without proper instruction.

Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



O53,READ1 -19-08JUL85

M35220 -UN-29AUG88

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