

TRS27 and TRS32 Walk-Behind Snowblowers

(Serial No. 100,001—)

John Deere Horicon Works

OMM95309 Issue F0

**(Mark old manual OMM79631, Issue J9 for
machines up to Serial No. 99,999.)**

LITHO IN U.S.A.
ENGLISH

Introduction

THANK YOU for purchasing a John Deere product.

READ THIS MANUAL carefully to learn how to operate and service your snowblower correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your snowblower and should remain with the snowblower when you sell it.

MEASUREMENTS in this manual are U.S. customary units and their metric equivalents.

RIGHT AND LEFT sides are determined by facing in the direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS in the Specifications section. Accurately record all numbers to help trace the snowblower if it is stolen. Your dealer also needs these numbers when you order parts. File numbers in a safe place.

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 snowblower may not apply outside the U.S.



TRS27 Snowblower

M62678
-JUN-10AUG89

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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.

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Safety

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 -19-26JAN90

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 -19-26JAN90

-19-30SEP88

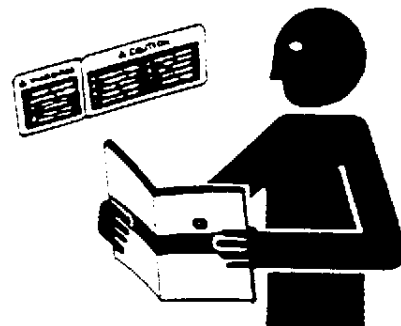
TS187

FOLLOW SAFETY INSTRUCTIONS

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

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

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



MX,SAEZ,A -19-05JUN90

-UN-06DEC89

M73113



INSPECT SNOWBLOWER REGULARLY

Check hardware often. Keep it tight.

Keep snowblower clean.

Replace missing parts.

Repair damaged or badly worn parts.

Guards and shields must be in good condition and fastened in place.

Make adjustments before you operate.

MX,SAEZ,B -19-05JUN90

PROTECT FROM THROWN OBJECTS

Before snow falls clear work area of objects that might be picked up and thrown by snowblower.

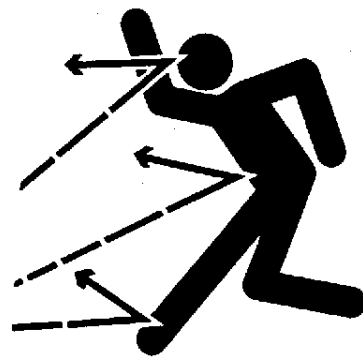
Keep people and pets out of work area.

Do not blow snow toward people, cars, or buildings.

Be extremely careful if you must clear snow from a gravel path:

—Adjust skids lower so scraper blade is well above gravel.

—Be aware that snowblower may pick up gravel in snow. Adjust spout angle carefully to blow this snow safely.



IM41423 -UN-30AUG88

MX,SAEZ,C -19-05JUN90



OPERATE SAFELY

Do not let children or untrained persons operate snowblower.

Do not run engine in a building unless there is good ventilation.

Be sure of footing. Operate slowly on slippery surfaces.

Avoid sudden starts and stops.

If you hit an object, or run an object through snowblower, stop engine immediately. Inspect snowblower for damage.

Blow snow in daylight or good artificial light.

Operate safely on slopes:

- Do not clear snow across a slope.
- Be very careful when you change direction on a slope.
- Do not try to clear snow from a steep slope.

Do not use snowblower on surfaces above ground level, such as, a roof of a building.

Keep away from edge of a ditch or bank.

Avoid holes, rocks, roots, etc.

Be very careful of your footing when you back the snowblower.

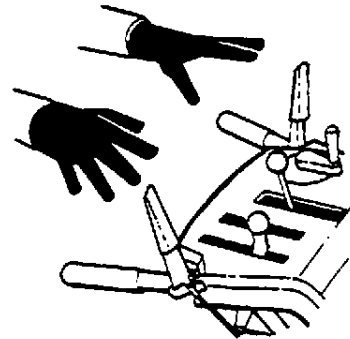
Do not leave snowblower unattended with engine running.

MX,SAEZ,D -19-05JUN90

EMERGENCY STOP

Release levers:

- Snowblower will stop.
- Auger will stop.
- Engine will NOT STOP.



MX,SAEZ,E -19-05JUN90

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HANDLE FUEL SAFELY—AVOID FIRES

Handle fuel with care: it is highly flammable.

Do not refuel the snowblower:

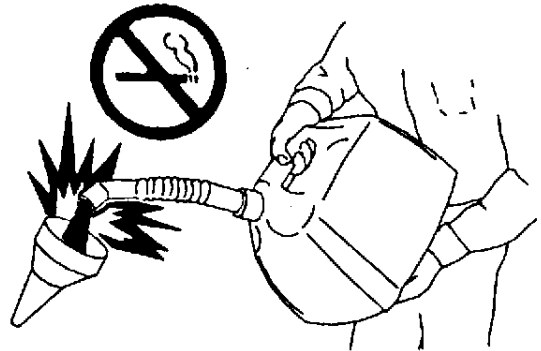
- While you smoke.
- When the snowblower is near open flame or sparks.
- When the engine is running. STOP ENGINE.

Fill fuel tank outdoors.

Help prevent fires:

- Clean oil, grease, and dirt from snowblower.
- Clean up spilled fuel immediately.

Do not store snowblower with fuel in tank in a building where fumes may reach an open flame or spark.



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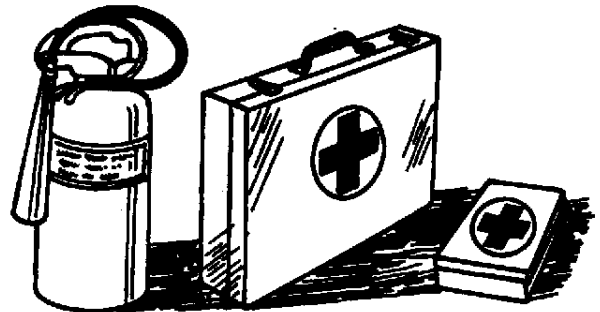
MX,SAEZ,F -19-05JUN90

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.



TS291 -UN-23AUG88

O53,FIRE2 -19-26JAN90



WEAR PROTECTIVE CLOTHING

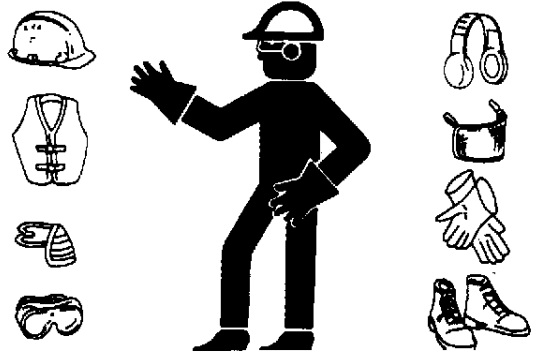
Wear close-fitting clothing, adequate for cold weather protection.

Wear footwear that will help footing on slippery surfaces.

Wear eye protection when you operate and service snowblower to help prevent injury from thrown objects.

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 loud noise.



MX,SAEZ,G -19-05JUN90

TS206 -UN-23AUG88

AVOID INJURY FROM MOVING PARTS

Keep hands, feet, and clothing away from auger and discharge chute when auger is turning.

Before you unplug, inspect, or repair snowblower, STOP ENGINE.

Stop auger:

- When you are driving between jobs.
- When you are not blowing snow.

Do not make adjustments while engine is running unless the procedure is approved. If adjustments need to be made, STOP ENGINE.



MX,SAEZ,H -19-05JUN90

MS36022 -UN-29AUG88



SERVICE SNOWBLOWER SAFELY

Understand service procedure before you do the work.

Keep work area floor clean and dry.

Help prevent injury from moving parts during service:

- Do not lubricate or service machine while parts are moving.
- Keep hands, feet, and clothing from power-driven parts.
- Disengage power. Stop engine. Remove key. Let snowblower and engine cool.

Safely support parts of snowblower that must be raised for service.

Keep all parts in good condition and properly installed:

- Fix damage immediately.
- Replace worn or broken parts.
- Remove grease, oil, or dirt from parts.



MX,SAEZ,I -19-05JUN90

-UN-23AUG88

TS218



READ SAFETY SIGNS

⚠ CAUTION
HELP AVOID INJURY

- KEEP ALL SHIELDS IN PLACE
- BEFORE SERVICING OR UNCLOGGING MACHINE: DISENGAGE ALL POWER; STOP ENGINE AND REMOVE KEY. BE SURE ROTOR HAS STOPPED REVOLVING
- DO NOT USE HANDS TO UNCLOG CHUTE
- DO NOT WALK IN FRONT OF MACHINE OR DIRECT DISCHARGE AT BYSTANDERS

S

⚠ DANGER

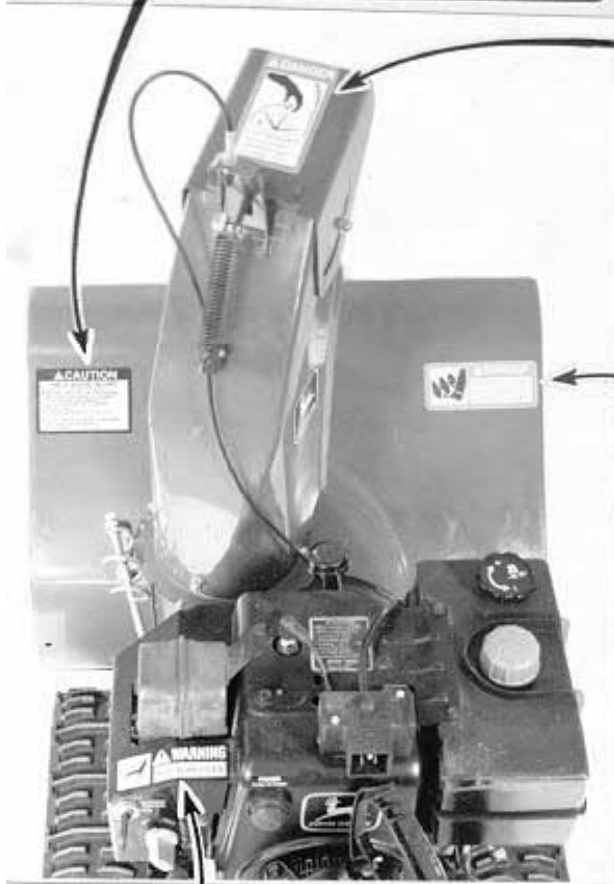


ROTATING BLOWER
Shut off engine
before unclogging
discharge chute

⚠ DANGER



ROTATING AUGER
Keep hands, feet
and clothing away



⚠ WARNING
HOT SURFACES



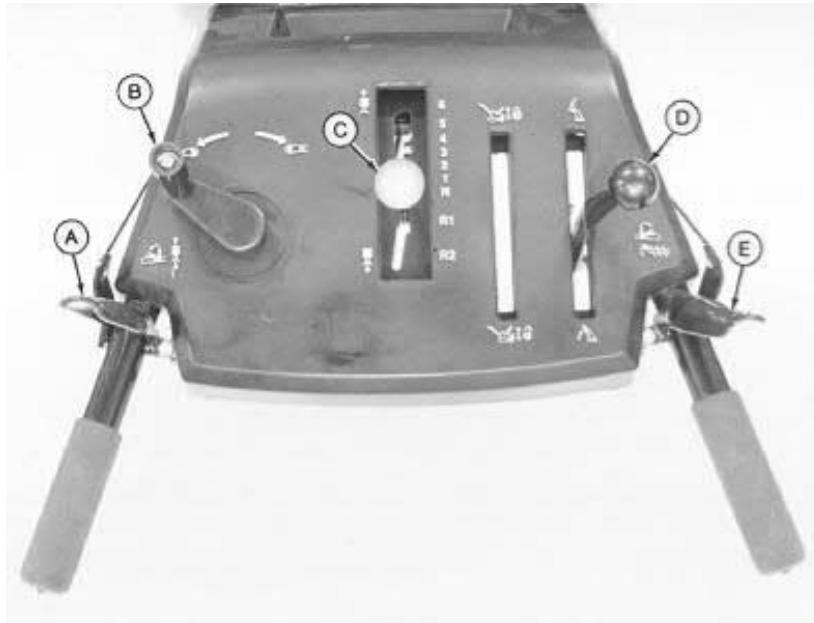
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MX,SAEZ,J -19-05JUN90

Controls

SNOWBLOWER CONTROLS



M62681 -UN-10AUG89

A—Traction Drive Control Lever

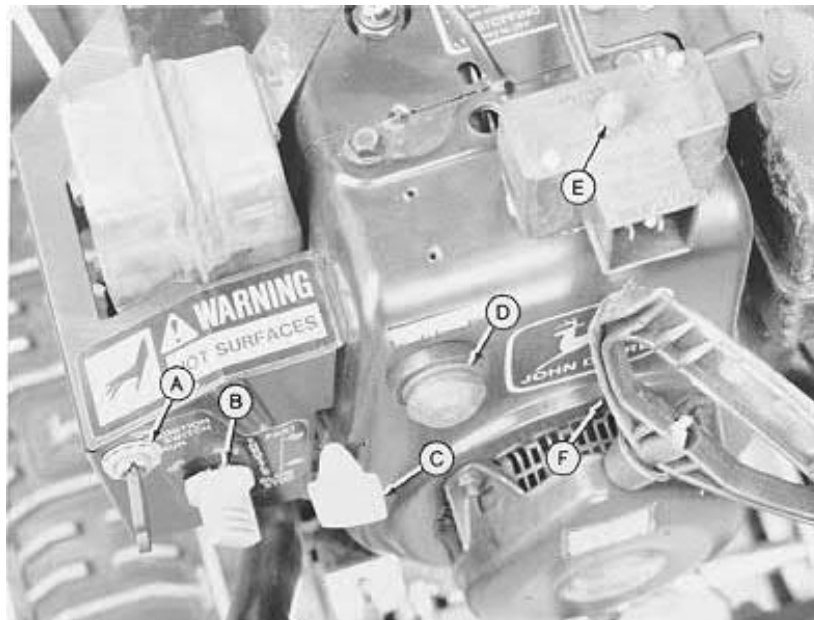
B—Chute Crank
C—Speed Selector Lever

D—Spout Control Lever

E—Auger Drive Control Lever

MX,CTEZ,A -19-05JUN90

ENGINE CONTROLS



M62330 -UN-31MAY89

A—Key Switch
B—Choke Control Knob

C—Throttle Lever
D—Primer Button

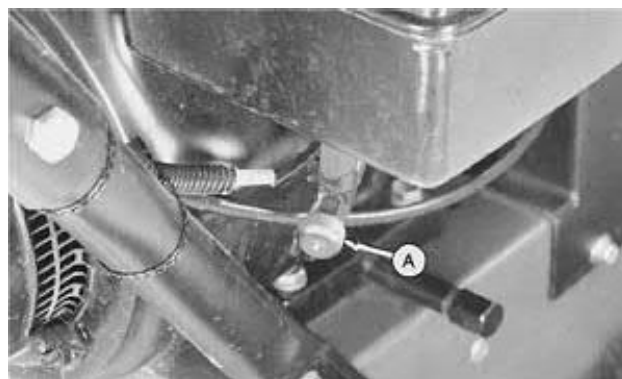
E—Electric Starter Button
(optional)

F—Starter Handle

MX,CTEZ,B -19-05JUN90

Controls

A—Fuel Shutoff Knob



MX,CTEZ,C -19-05JUN90

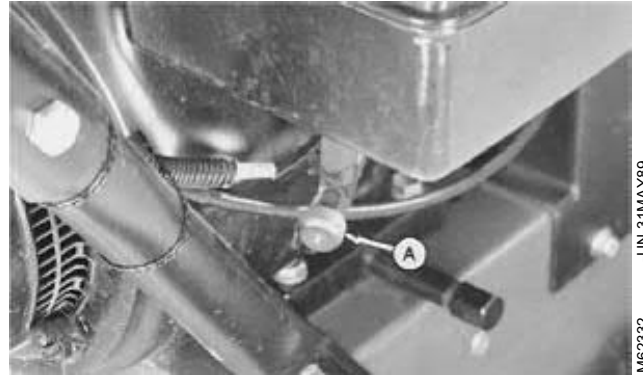
M62332 -UN-31MAY89

Operating the Engine

STARTING ENGINE

CAUTION: Do not start engine in building unless ventilation is good.

1. Turn fuel shutoff knob (A) counterclockwise all the way to OPEN position.



MX.OEEZ.A -19-05JUN90

M62332 -UN-31MAY89



M62682 -UN-10AUG89

2. Traction drive control lever (A) and auger drive control lever (B) must be DISENGAGED as shown.

3. Put speed selector lever (C) in NEUTRAL as shown.

MX.OEEZ.B -19-05JUN90



Suggest:

If the above button click is invalid.

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first, and then click the above link

to download the complete manual.

Thank you so much for reading

Operating the Engine

4. Choke control:

- For cold engine, turn knob (A) to FULL position.
- For warm engine, leave knob in OFF position.

5. Move throttle lever (B) to FAST position.

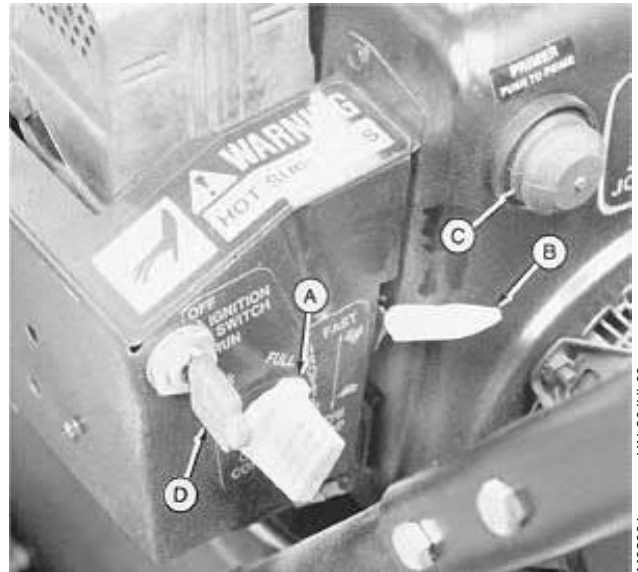
6. Primer button (C):

- For cold engine, push button two or three times.
- If air temperature is below 10°F (—12°C), push button five times.
- If engine is warm, push button once.

7. Turn key (D) to RUN.

8. Use starter correctly:

- Pull starter handle until you feel resistance.
- Then pull fast and steady.
- Do not let handle snap back.
- Repeat until engine starts.



MX,OEZ,C -19-05JUN90

AFTER STARTING

1. Turn choke knob to OFF.
2. Warm engine briefly at HALF-THROTTLE.

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