

**828D and 1032D
Walk-Behind
Snowblowers**
(Serial No. 150001 –)

**OPERATOR'S
MANUAL**

**John Deere
Lawn & Grounds Care Division
OMM124336 H5**

North American Version
Litho in U.S.A
English

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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.

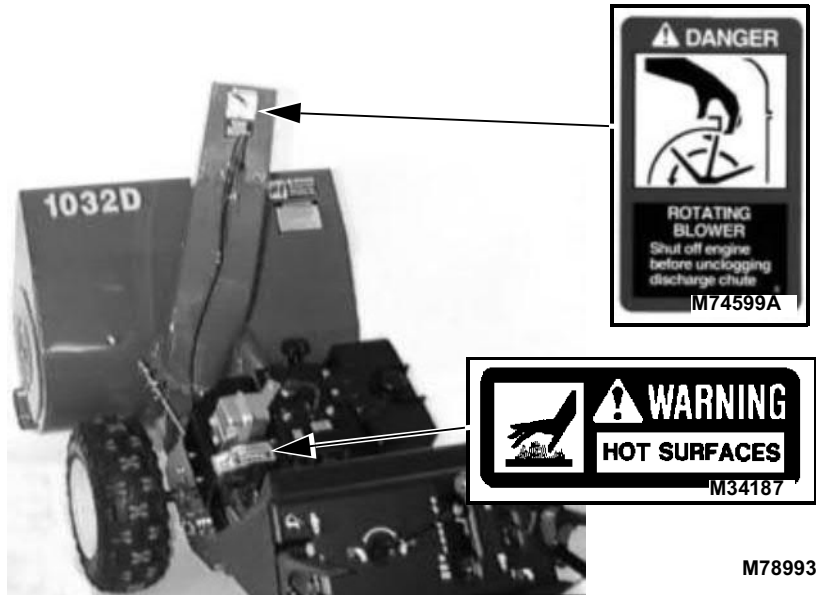
On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.



Machine Safety Labels



SAFETY SIGNS



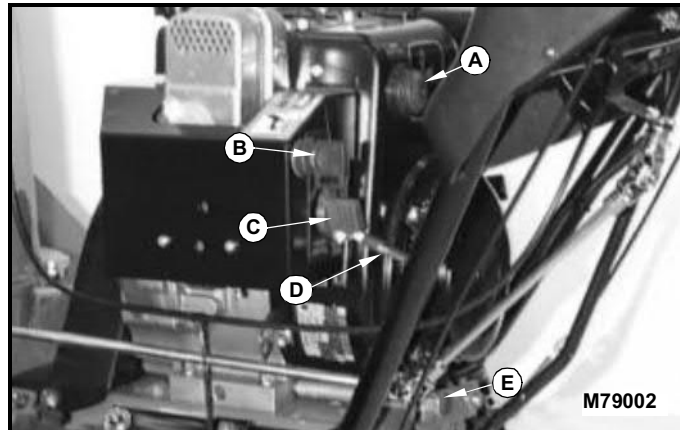
Certification Labels

This OPEI label on your snow thrower indicates that this model has been certified by an independent laboratory for compliance with American National Standard B-71.3-1984, "Safety Specifications" for Snowblowers.

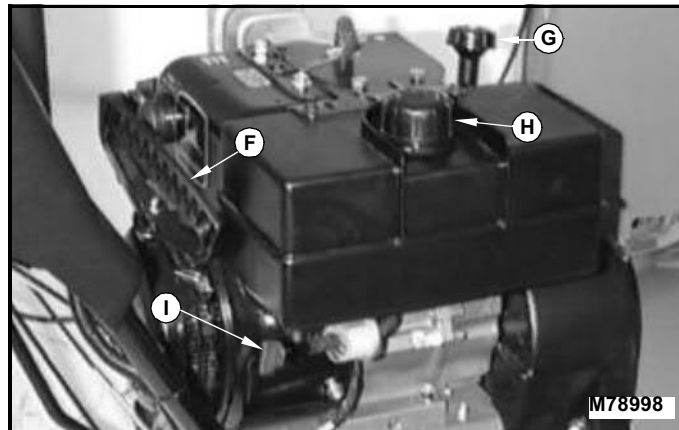


CONTROLS

Engine Controls



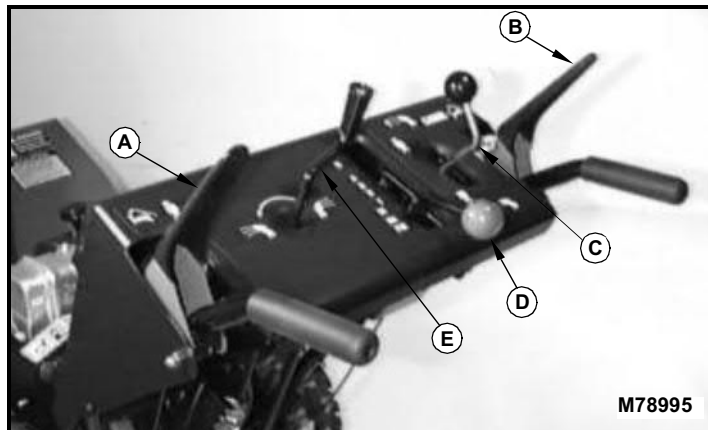
- A - Primer BulbPrimes engine for starting
- B - Key Starts / Stops engine
- C - Choke LeverChokes engine for starting
- D - Throttle Lever..... Controls engine speed
- E - Oil Drain.....Drain engine Oil



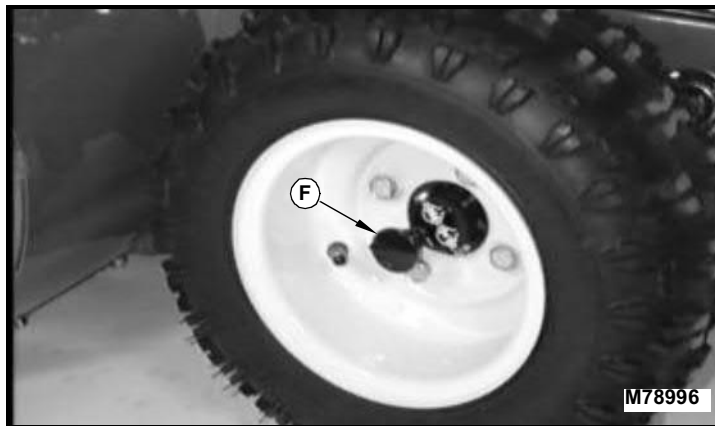
- F - Starter HandlePull to start engine
- G - Oil Fill TubeCheck engine oil level
- H - Fuel Tank Contains engine fuel
- I - Fuel Shut OffControls fuel supply to engine

CONTROLS

Snowblower Controls



- A - Traction Drive Lever Engages traction drive
- B - Auger Drive Lever Engages auger drive
- C - Chute Deflector Lever Changes angle of chute deflector
- D - Speed Selector Lever..... Changes ground speed
- E - Discharge Chute Control Moves discharge chute



- F - Differential Lock Locks drive wheels together

OPERATING

SAFETY

Operate Safely



- 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 properly maintained and in good working order. Keep all shields and guards in place.
- DO NOT blow snow toward people, cars, or buildings.
- DO NOT use snowblower on surfaces above ground level, such as, a roof of a building.
- Be extremely careful if you must clear snow from a gravel path. Be aware that snowblower may pick up gravel in snow. Adjust spout angle carefully to blow this snow safely.
- DO NOT leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Be sure of footing. Operate slowly on slippery surfaces. Be especially careful when you pull machine backwards with the engine running.
- DO NOT blow snow across a slope. Be careful when you change direction on a slope. Do not try to clear snow from a steep slopes. Keep away from edge of a ditch or bank.
- Keep a firm hold on the machine handles. Avoid sudden starts and stops.
- DO NOT run engine in a building unless there is good ventilation.

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 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.

HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

- Be alert at all times, people especially children can move quickly into the area before you know it.
- Shut off auger when you are not blowing snow.
- Keep hands, feet, and clothing away from moving parts.

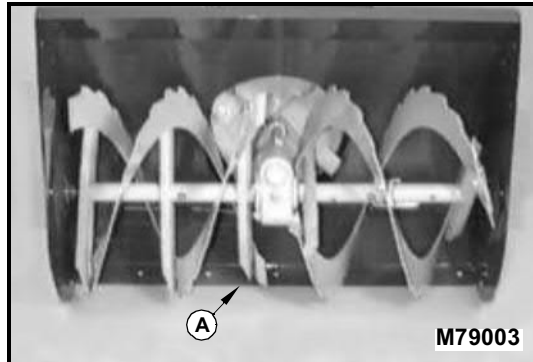
Wear Appropriate Clothing



- 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

Adjusting Scraper Blade

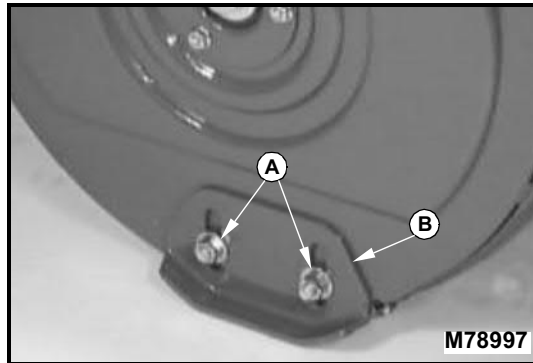


IMPORTANT: If scraper blade wears too far, auger / impeller housing may be damaged.

1. Park snowblower on a hard, smooth surface. Stop engine, remove key, wait for all moving parts to stop and remove wire from spark plug to prevent accidental starting.
2. Tip unit back onto handle bars and support housing.
3. Adjust skid shoes to their full up position.
4. Inspect scraper blade (A):
 - If scraper blade has excessive wear, replace it.
 - If scraper blade can be adjusted; loosen nuts and reposition scraper blade, flush with skid shoes.
5. Tighten nuts.
6. Adjust skid shoes to the proper height. (see Adjusting Skid Shoes in this section).

OPERATING

Adjusting Skid Shoes



Adjust skid shoe height for proper working conditions:

- To operate on a smooth, hard surface: adjust skid shoes so there is 3mm (1/8 in.) between scraper blade and surface.
- To operate on gravel or uneven surface: adjust skid shoes so there is 30mm (1-1/4 in.) between scraper blade and surface.

Adjust skid shoes

1. Park snowblower on a hard, smooth surface. Stop engine, remove key, wait for all moving parts to stop and remove wire from spark plug to prevent accidental starting.
2. Check tires:
 - Air pressure in both tires should be equal, although some machine leveling can be made by using different pressures. Check for a maximum of 138 kPa (20 psi) in each tire.
 - Each tire must be resting on hard surface, not a cross-link of tire chain.
3. Put a block under auger housing.
4. Inspect skid shoes:
 - If skid shoes have excessive wear, replace them.
 - If skid shoes can be adjusted; loosen two nuts (A) and move skid shoe (B) to desired position.
5. Tighten nuts. Adjust other skid shoe to the same height.



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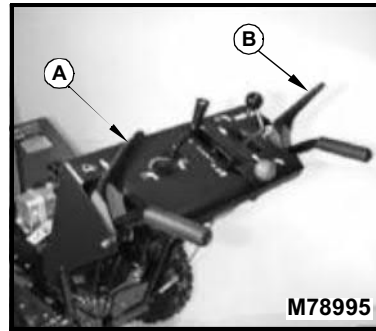
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OPERATING

Using Drive Control Levers

Traction Drive Lever (A):

- Pull lever (A) to handle to ENGAGE the traction drive.
- Release lever to DISENGAGE traction drive.
- If auger drive lever (B) is also ENGAGED, you can release lever (B), auger drive will stay in the ENGAGED position. Release traction drive lever and both traction drive and auger drive will DISENGAGE.
- Traction drive lever (A) will work independently from the auger drive lever.
- If unit does not respond, is slow to respond or engages to aggressively when the traction drive lever is engaged. (see Adjusting Traction Drive Clutch in the Service section).



Auger Drive Lever (B):

- Pull lever (B) to handle to ENGAGE the auger drive.
- Release lever to DISENGAGE auger drive.
- If traction drive lever (A) is also ENGAGED, you can release lever (B), auger drive will stay in the ENGAGED position. Release traction drive lever and both traction drive and auger drive will DISENGAGE.
- Traction drive lever (A) will work independently from the auger drive lever.
- If auger is not throwing snow very well or it feels like the auger drive belt is slipping when the auger drive lever is engaged. (see Adjusting Auger Drive Belt Tension in the Service section).
- If the auger does not come to a complete STOP in approximately 5 seconds after the auger drive lever is released. (see Checking Clutch / Impeller Brake in the Service section).

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