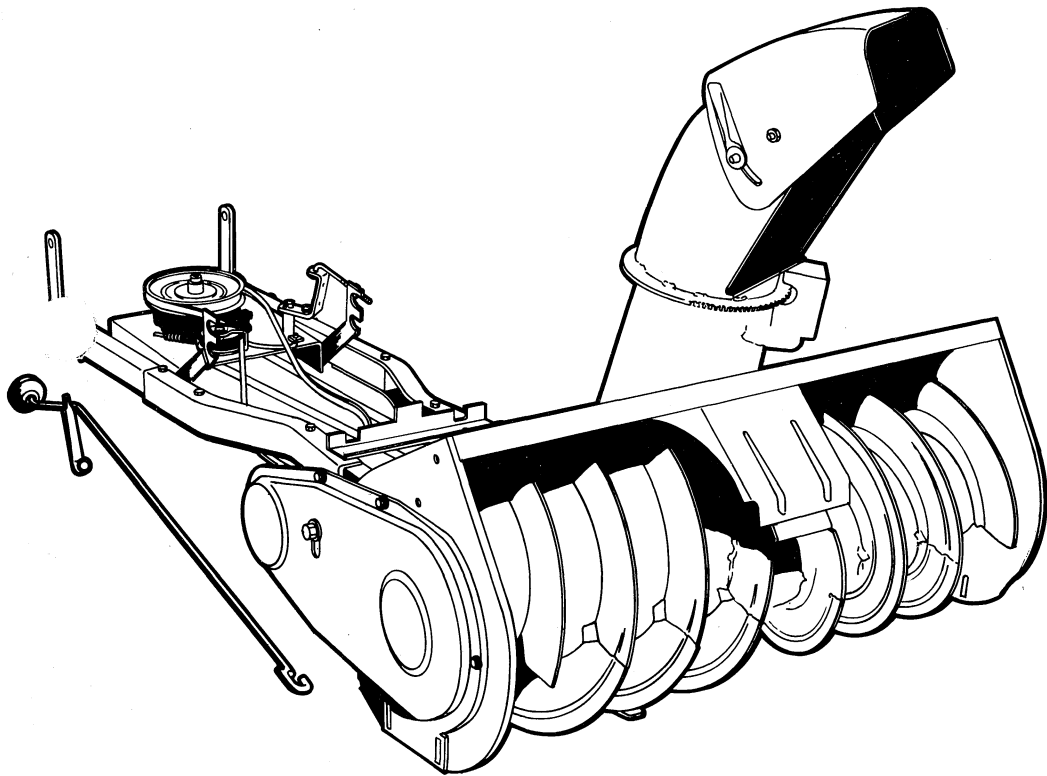


FORD

36" Snow Thrower Attachment YT 16 Tractors Model 09GN3679



OPERATOR'S MANUAL

Reprinted

INTRODUCTION

This operator's manual has been prepared to provide the information you need to correctly assemble, operate and maintain your unit. Read it carefully and keep it for future reference. Should you ever need repair parts or service, contact your authorized parts and service dealer.

Be sure safety precautions are observed. Read and follow all safety and operating instructions in this operator's manual.

Any references made in this manual concerning the right- or left-hand sides are determined with the operator facing forward in the operating position.

The replacement of any part on this product by other than the manufacturer's authorized replacement part may adversely affect the performance, durability or safety of this product.

The manufacturer reserves the right to make changes on, or add improvements to its product at any time without prior notice or obligation. The manufacturer also reserves the right to decide, upon its discretion and at any time, to discontinue a product.

NOTICE: Record the model and serial numbers of your unit (located on the nameplate) in the spaces provided below.

Product Model No. _____

Product Serial No. _____

Dealer Purchased From _____

Date Purchased _____

Dealer Address _____

Dealer Telephone No. _____

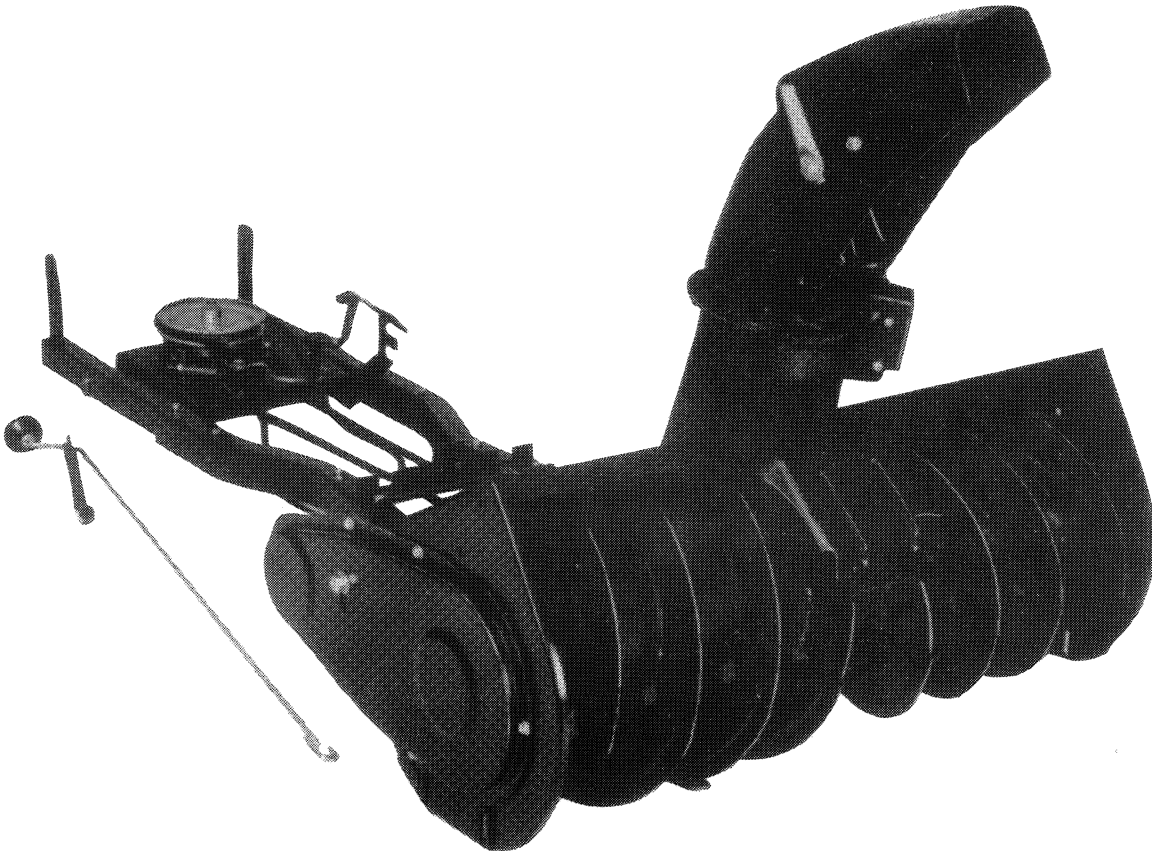


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IMPORTANT: IF SAFETY OR STANDARD Decals are missing, illegible, or damaged, they should be replaced. See "Replacement Decals" section.

1 SAFETY PRECAUTIONS

THE FOLLOWING PRECAUTIONS ARE SUGGESTED TO HELP PREVENT ACCIDENTS.

A CAREFUL OPERATOR IS THE BEST OPERATOR. MOST ACCIDENTS CAN BE AVOIDED BY OBSERVING CERTAIN PRECAUTIONS. READ AND TAKE THE FOLLOWING PRECAUTIONS BEFORE OPERATING THIS EQUIPMENT TO HELP PREVENT ACCIDENTS. EQUIPMENT SHOULD BE OPERATED ONLY BY THOSE WHO ARE RESPONSIBLE AND INSTRUCTED TO DO SO.

TRAINING

1. Read this Operators' Manual carefully. Be thoroughly familiar with the controls and proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Never allow children to operate equipment. Never allow adults to operate equipment without proper instructions.
3. Keep the area of operation clear of all persons, especially small children and pets.
4. Exercise caution to avoid slipping or falling.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used and remove all door mats, sleds, boards, wires and other foreign objects.
2. Disengage all clutches and shift into neutral before starting engine or motor.
3. Do not operate equipment without wearing adequate winter outer garments. Wear footwear which will improve footing on slippery surfaces.
4. Handle fuel with care, it is highly flammable.
 - (A) Use approved fuel container.
 - (B) Never add fuel to a running engine or hot engine.
 - (C) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
 - (D) Replace gasoline cap securely and wipe up spilled fuel.
5. Adjust collector housing height to clear gravel or crushed rock surface.
6. Never attempt to make any adjustments while engine or motor is running (except where specifically recommended by manufacturer).
7. Let engine and machine adjust to outdoor temperatures before starting to clear snow.
8. Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect eyes from foreign objects that may be thrown from the machine.

OPERATION

1. Do not put hands or feet near rotating parts. Keep clear of discharge opening at all times.
2. Exercise extreme caution when operating on or crossing a gravel drive, walks, or roads. Stay alert for hidden hazards or traffic. Do not carry passengers.
3. After striking a foreign object, stop the engine (motor), remove wire from spark plug, thoroughly inspect the snow thrower for any damage and repair the damage before restarting and operating the snow thrower.
4. If the unit should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
5. Stop engine (motor) whenever you leave the operating position, before unclogging the collector/impeller housing

or discharge guide, and making any repairs, adjustments, or inspections.

6. Take all possible precautions when leaving the vehicle unattended. Disengage the power take-off, lower the attachment, shift into neutral, set the parking brake, stop the engine, and remove the key.
7. When cleaning, repairing or inspecting make certain collector/impeller, and all moving parts have stopped. Disconnect spark plug wire and keep wire away from plug to prevent accidental starting.
8. Do not run engine indoors, except when starting engine and for transporting snow thrower in or out of building. Open outside doors, exhaust fumes are dangerous.
9. Do not clear snow across the face of slopes. Exercise extreme caution when changing direction on slopes. Do not attempt to clear steep slopes.
10. Never operate snow thrower without guards, plates, or other safety protective devices in place.
11. Never operate snow thrower near glass enclosure, automobiles, window wells, drop-off, etc., without proper adjustment of snow discharge angle. Keep children and pets away.
12. Do not overload machine capacity by attempting to clear snow at too fast a rate.
13. Never operate machine at high transport speeds on slippery surfaces. Use care when backing.
14. Never direct discharge at bystanders or allow anyone in front of unit.
15. Disengage power to collector/impeller when transporting or not in use.
16. Use only attachments and accessories approved by manufacturer of snow thrower (such as wheel weights, counter weights, cabs, etc.).
17. Never operate the snow thrower without good visibility or light.

MAINTENANCE AND STORAGE

1. Check shear bolts engine mounting bolts, etc., at frequent intervals for proper tightness to be sure equipment is in safe working condition.
2. Never store machine with fuel in the fuel tank inside a building where open flame or spark are present. Allow engine to cool before storing in any enclosure.
3. Always refer to Operator's Manual for important details if snow thrower is to be stored for an extended period.
4. Run machine a few minutes after throwing snow to prevent freeze up of collector/impeller.
5. Maintain or replace safety and instruction labels, as necessary.

SAFETY DEFINITIONS



The signal word "DANGER" signifies that a source of extreme danger to a person on or near a machine exists as a result of the very nature of the machine itself. This danger to persons is such that it would result in a high likelihood of death or permanent injury if the recommended precautions are not taken.

When you see this symbol  it means. ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



The signal word "WARNING" indicates that a source of danger to a person on or near a machine exists which may result in death or injury if the recommended precautions are not taken.

2 CONTROLS AND OPERATION



WARNING: To avoid personal injury, before operating be thoroughly familiar with the controls and proper use of this equipment. Know how to stop the unit and disengage the attachment quickly. REVIEW THE SAFETY PRECAUTIONS SECTION.

P.T.O.

Power to the snow thrower is controlled by the tractor's P.T.O. control.



WARNING: To avoid personal injury, the P.T.O. must be off until actual snow throwing operation has begun. Never operate snow thrower when transporting it to or from a work area.

LIFT

Lift is controlled by the attachment lift on the tractor. Raise the attachment for transporting; lower it for snow throwing operations.



WARNING: To avoid personal injury, do not operate the attachment when transporting. Use moderate speeds when transporting with attachment.

DISCHARGE GUIDE CONTROL

Refer to Fig. 2.1A.

This control is used to change the direction of snow discharge. It is located on the left-hand side of the unit.

Turn the control knob clockwise or counterclockwise for full 180° rotation of discharge guide.

DEFLECTOR

Refer to Fig. 2.1A.

The deflector determines the distance snow will be thrown. It is located on top of the discharge guide.



WARNING: To avoid personal injury, move P.T.O. to OFF position, turn engine off, and wait for all movement to stop, before changing the deflector's angle.

Reposition the deflector by loosening the wing nuts at each side. Set the deflector at the desired angle and retighten the wing nuts to secure position.

Angling the deflector upward will increase the distance the snow is thrown. Angling the deflector downward will decrease the distance snow will be thrown.

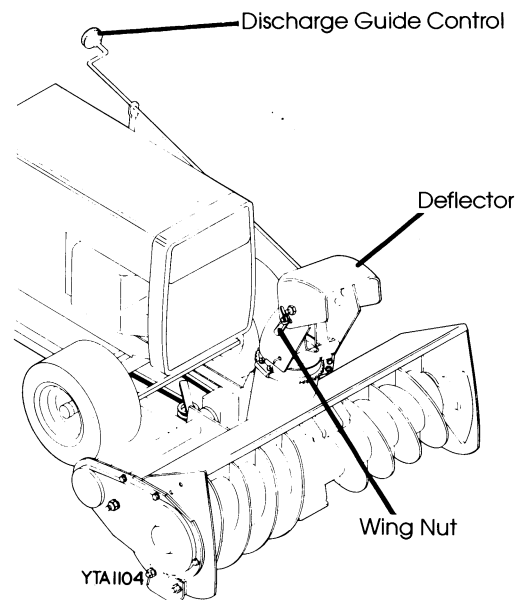


FIG. 2.1A

SNOW THROWING SPEEDS

The collector speed is directly related to the tractor engine speed; therefore maximum engine power should always be utilized when operating the snow thrower.

Select a ground speed suitable to the working conditions. For tractors with a manually shifted transmission, second gear is generally recommended for most conditions.



WARNING: To avoid personal injury, keep people and pets a safe distance away from the operating area.

PREPARING FOR SNOW REMOVAL

Before the first snowfall, the area in which snow removal is to take place should be cleared of all stones, sticks, etc., which might otherwise be picked up by the collector. Any obstacles should be marked to prevent collector from being driven into them.

A light coat of paste wax should be applied to the inside surface of the collector housing, discharge guide and deflector to prevent snow and ice from sticking.



WARNING: To avoid personal injury, always turn engine off, remove ignition key, and wait for all movement to stop before unclogging snow deflector or servicing any area of the attachment.

OPERATING TIPS

1. Best results are obtained when snow is removed as soon as possible.
2. Whenever possible, discharge snow downwind.
3. Never attempt to remove ice or hard packed frozen snow.
4. Always overlap each pass slightly to assist complete snow removal.

SNOW REMOVAL METHODS

A definite pattern of operation is required to thoroughly clean the snow area. These patterns will avoid throwing snow in unwanted places as well as eliminating a second removal of snow.

Where it is possible to throw snow to the left and right, as on a long driveway, it is advantageous to start in the middle. Blow from one end to the other end (Fig. 2.2A) throwing snow to both sides without changing direction of the discharge guide.

If snow can only be thrown to one side of the driveway or sidewalk, start on the opposite side. At the end of the first pass, rotate the discharge guide 180° for the return pass (Fig. 2.2B) throwing the snow onto the uncleaned area.



WARNING: To avoid personal injury, before leaving operator's position:

- Set parking brake -
- Shift to neutral -
- Disengage P.T.O. -
- Shut off engine and remove key -

ADDITIONAL TRACTION

To increase drive wheel traction during snow clearing operations, the following accessories are available from an authorized dealer:

- A. Rear Wheel Weights
- B. Tire Chains

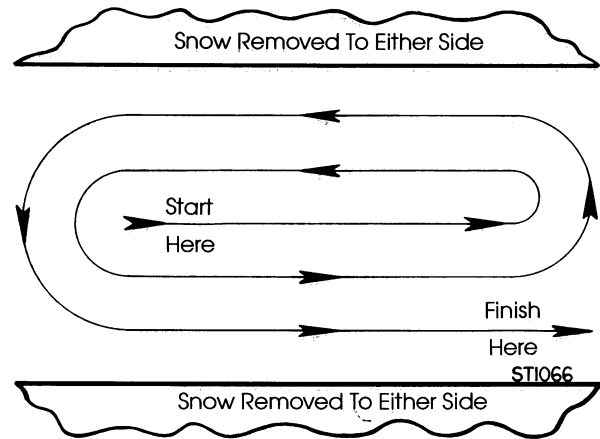


FIG. 2.2A

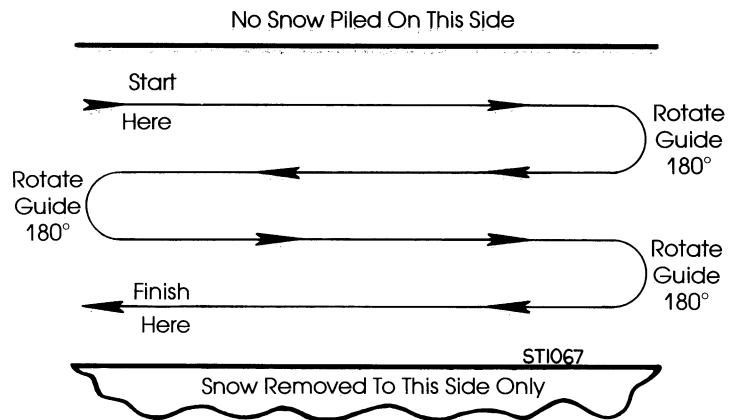


FIG. 2.2B

3 MAINTENANCE AND LUBRICATION



WARNING: To avoid personal injury, turn engine off, remove ignition key, and set parking brake before servicing the attachment.

The best assurance you have of getting the most dependable service from this snow thrower attachment is to keep it clean, rust-free and well lubricated.

GENERAL LUBRICATION

Apply SAE 30 engine oil to all pivot points and linkages to reduce wear and assure free movement. Be sure linkages are clean before applying oil.

DRIVE CHAIN

After each 40 hour period of operation or more often under heavy use: lubricate with oil. Access to the chain is made by removing the (6) thread forming screws and the hex cone lock nut from the right side cover on the collector housing (Fig. 3.1A).

Apply oil to each section of the chain including the idler sprocket (Fig. 3.1B).

After the cover is replaced, readjust the drive chain as described under ADJUSTMENT AND SERVICING section ("Drive Chain").

DISCHARGE GUIDE

Periodically apply grease to the ring gear and worm gear (Fig. 3.1C). Oil the support ends of the worm gear.

As needed, a dab of grease where the discharge crankshaft rotates on the support extension will promote smooth functioning. Also apply grease at the connection (hooked ends) of the worm gear shaft with the discharge crankshaft (Fig. 3.1C).

GENERAL MAINTENANCE

Periodically make an overall inspection of the snow thrower. Look for loose or damaged parts and make repairs or replacement before using the attachment again.

Vibration loosens nuts and bolts - check frequently!

At least twice during a season's use, both idler pivot brackets (for the primary and secondary drive belts) should be lubricated with oil. Make certain that these idlers move freely, allowing them to fully engage their respective belt. Refer to Fig. 4.4A for location of these pivots.

STORAGE

When snow thrower attachment is not being used it should be stored in a dry place out of the weather. It is advisable to clean the unit and coat the exposed metal surfaces lightly with a light weight oil to prevent rust.

Prior to storing, lubricate the attachment as described under MAINTENANCE AND LUBRICATION section. Be sure drive chain has been oiled thoroughly.

NOTE: Because fertilizer emits an extremely corrosive agent, store this attachment in an area free of fertilizer fumes.

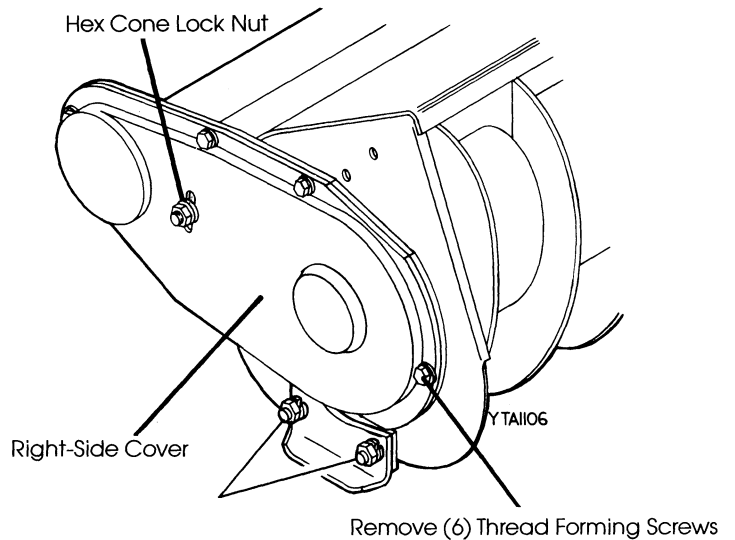


FIG. 3.1A

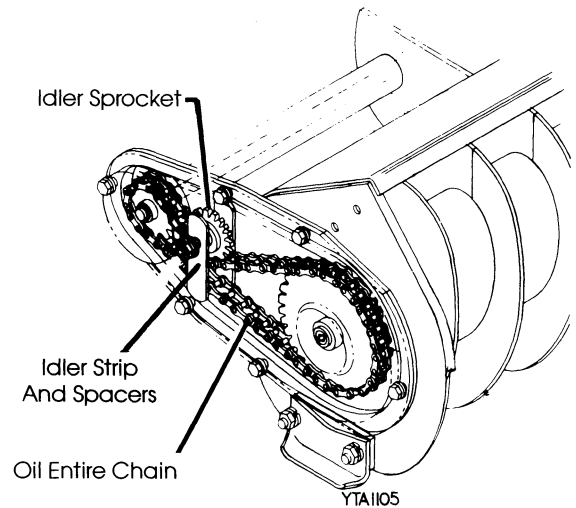


FIG. 3.1B

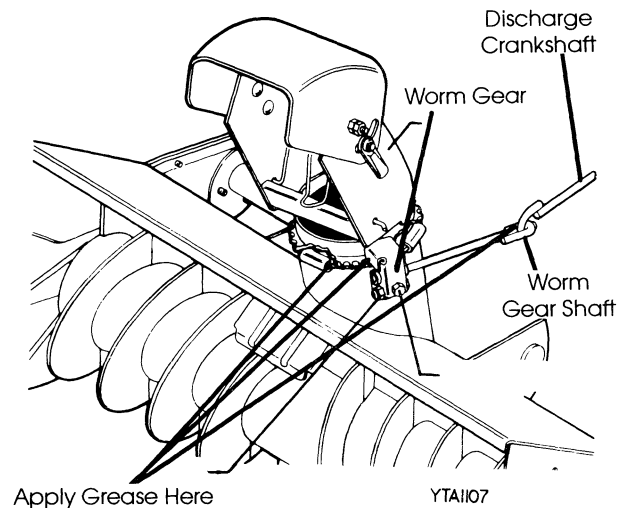


FIG. 3.1C

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