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SAFETY PRECAUTIONS

SAFETY FIRST

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this snowblower.

DANGER : Indicates an immediate hazardous situation which, if not avoided, will result in death or serious injury.

WARNING : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION : Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

IMPORTANT : Indicates that snowblower or property damage could result if instructions are not followed.

NOTE : Gives helpful information.

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. **Read and understand this manual before operation**. It is the owner's responsibility to be certain anyone operating this product reads this manual, and all other applicable manuals, to become familiar with this snowblower and all safety precautions. Failure to do so could result in serious personal injury or snowblower damage. If you have any questions, consult your dealer.

BEFORE OPERATION

Children

Tragic accidents can occur if the operator is not alert to the presence of children. Children are generally attracted to machines and the work being done. Never assume children will remain where you last saw them.

1. Keep children out of the operating area and under the watchful eye of another responsible adult.
2. Be alert and turn machine off if children enter the work area.
3. Before and when backing, look behind for small children.
4. Never carry children while operating the machine. They may fall off and be seriously injured or interfere with the safe operation of the machine.
5. Never allow children to play on the machine or snowblower even when they are turned off.
6. Never allow children to operate the machine even under adult supervision.
7. Use extra care when approaching blind corners, shrubs, trees, or other obstructions that might hide children from sight.

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OPERATION

GENERAL PREPARATION

1. Read the operator's manual carefully before using the tractor and snowblower. Be thoroughly familiar with the controls and proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Wear adequate winter outer garments while operating the equipment.
3. Make sure the snowblower is clear of snow and other material before engaging the snowblower.
4. Make sure the auger and fan operate freely.
5. Check the oil level in the reduction box and if necessary, add AGMA 5EP, SAE 80W90 gear oil or equivalent.
6. Check the three shear bolts, one on each auger section and one between the fan and gearbox for proper tightness.
7. Adjust the skid shoes so the snowblower runs leveled.
8. Before engaging the snowblower drive, always have the engine running at idle.
9. Operate the snowblower at maximum engine RPM.

WARNING To avoid serious personal injury: Do not use your hands to unclog the chute. Use a stick or board at least 36" (925mm) long. Do not attempt to unclog the chute while engine is running. If the chute is clogged, shut off the tractor engine, remove the key and clear the snow from the chute.

OPERATING CONTROLS

Engine Speed

1. Start the tractor engine. Let the engine warm up at least one minute before engaging the drive mechanism then increase speed gradually.
2. Make sure the snowblower head is properly positioned and engage the drive mechanism.
3. Adjust the ground speed according to conditions. For maximum power, run engine at or near full throttle.

IMPORTANT: Use full RPM power when blowing wet, sticky snow. Low RPM power will tend to clog the chute.

Work and Travel Speed

Travel speed will depend on the depth and density of the snow to be cleared. Normally, ground speed will range from 2 to 4 km/h (1.2 and 2.5 mph) for light, dry snowfalls (3-6"), and 1-3 mph (0.6 and 1.9 mph) for heavy, wet or drifted snow.

Increasing Traction and Stability

Make sure that the tractor is equipped with counterweights as recommended by your dealer. The weights give stability needed to prevent tilting, loss of traction or of direction.

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MAINTENANCE

MAINTENANCE

ALWAYS USE GENUINE PARTS WHEN REPLACEMENT PARTS ARE REQUIRED.

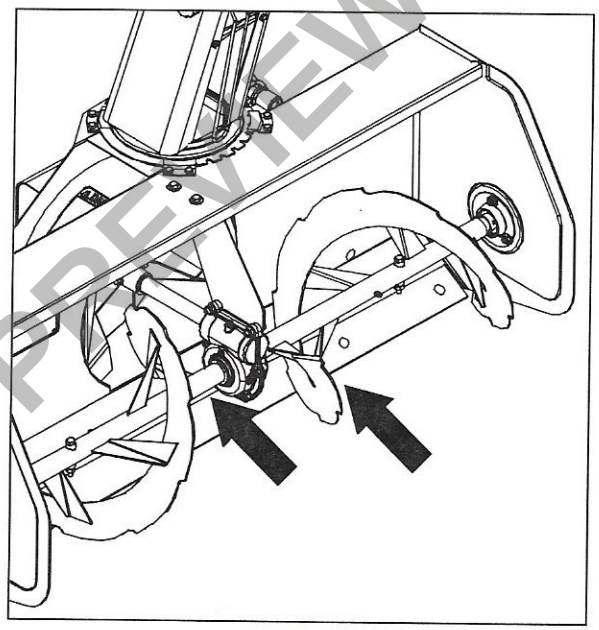
⚠ WARNING

To avoid serious injury:

- **Before cleaning, adjusting or repairing the snowblower: bring the tractor to a complete stop, lower the implement, shut off the engine and remove the ignition key.**
- **Never park the tractor inside a building where an open flame or sparks are present. Allow the engine to cool down before storing in any enclosure.**
- **Run the snowblower a few minutes after blowing snow to prevent freeze up of auger and fan.**
- **Provide adequate blocking before working under the snowblower when in raised position.**

Auger Repositioning

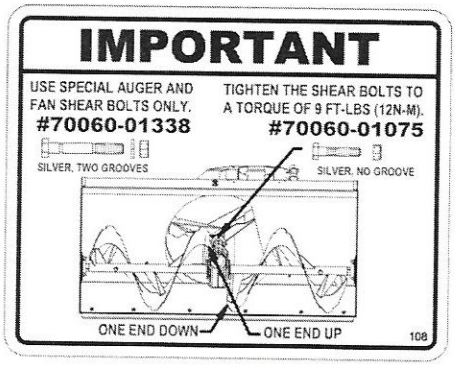
After shear bolt breakage on one of the augers, make sure to reposition the augers as shown on the figure below.



⚠ **CAUTION:** **Some oil may still be present in the hose, protect adequately the working surface to prevent any damage.**

Shear Bolts

1. Always use grade 5 shear bolt on fan shear assembly (70060-01075) and grade 5 on auger sections (70060-01338) as shown on decal 70060-01340.
2. Check shear bolts at frequent intervals for proper tightness to make sure the snowblower is in safe working condition.



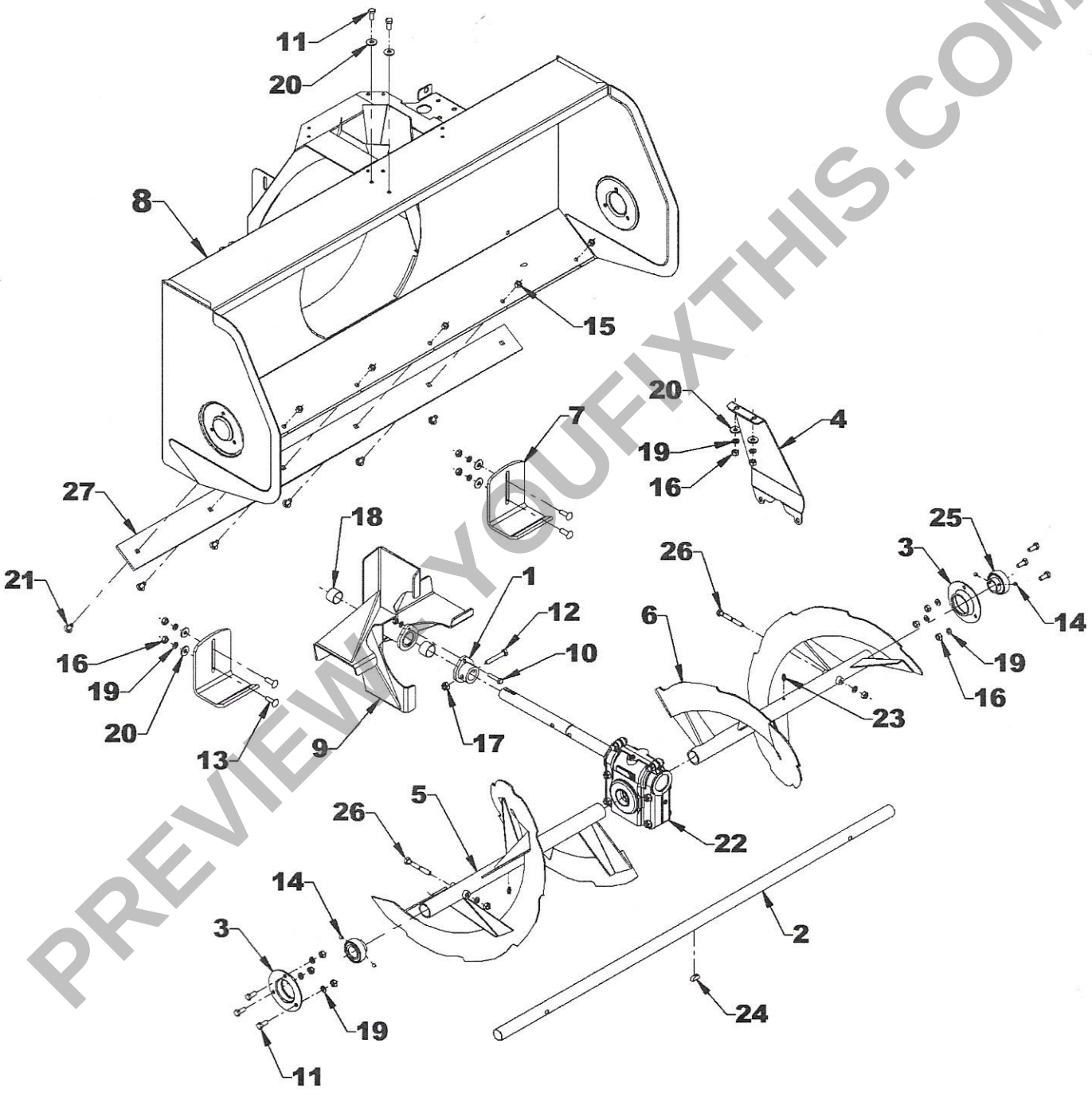
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PARTS

SNOWBLOWER ASSEMBLY



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PARTS

SNOWBLOWER ASSEMBLY				
REF	PART#	QTY	DESCRIPTION	CODE
1	70060-01287	1	Shear plate	655874
2	70060-01305	1	Output shaft	655976
3	70060-01409	2	Flange	657334
4	70001-00537	1	Gearbox support	662879
5	70060-01904	1	Auger - RH	666735
6	70060-01905	1	Auger - LH	666736
7	77700-02285	2	Skid shoe	669674
8	77700-04117	1	Housing	670031
9	77700-04118	1	Fan cw (incl. bushings #30)	670032
10	77700-01075	1	Shearbolt 1/4" NC x 1 1/4" gr.5 (incl. lockw. & nut)	656053
11	75599-01215	8	Hex. bolt 5/16" NC x 3/4" gr.5 PTD	0100018
12	77700-04112	1	Hex. bolt 5/16" NC x 2" gr.8 PTD	0100024
13	70001-00793	4	Carriage bolt 5/16" NC x 1" PTD	0300003
14	77700-02662	4	Allen socket setscrew 1/4" NC x 1/4" gr5 black	0500002
15	70001-00794	6	Stover nut 5/16" NC PTD	1100002
16	75599-31012	12	Hex. nut 5/16" NC PTD	0900002
17	75599-31912	1	Nylon insert lock nut 5/16" NC PTD	1000005
18	70060-02757	2	Oilite bushing	4300055
19	75599-33012	12	Lockwasher 5/16" PTD	1200003
20	75599-32012	8	Flat washer 5/16" (3/8" int) PTD	1400003
21	70060-04188	6	Carriage bolt 5/16" NC x 3/4" lg PTD	0300002
22	70060-02189	1	Worm gearbox cw	4500035
23	70060-00940	2	Grease fitting 1/4" NF	654106
24	70060-01306	1	Key 1/4" x 7/8" woodruff #807	655967
25	70060-70338	2	Bearing 1" with setscrew	665494
26	70060-01338	2	Shearbolt 5/16" NC x 2 1/4" (incl. lockwasher & nut)	657295
27	70060-01416	1	Cutting edge	657352

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INTRODUCTION

TO THE PURCHASER

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. **Read and understand this manual before operation.**

This manual has been prepared to assist the owner and operators in the safe operation and suitable maintenance of the snowblower. The information is applicable to products at the time of manufacture and does not include modifications made afterwards.

Read and understand this operator's manual before attempting to put snowblower into service. Familiarize yourself with the operating instructions and all the safety recommendations contained in this manual and those labeled on the snowblower and on the tractor. Follow the safety recommendations and make sure that those with whom you work follow them.

Illustrations

The illustrations may not necessarily reproduce the full detail and the exact shape of the parts or depict the actual models, but are intended for reference only.

Direction Reference

All references to right and left, forward or rearward, are from the operator's seat, facing the steering wheel.

To assist your dealer in handling your needs, please record hereafter the model number and serial number of your snowblower and tractor. It is also advisable to supply them to your insurance company. It will be helpful in the event that snowblower or tractor is lost or stolen.

	TRACTOR	SNOWBLOWER
MODEL:		
SERIAL NUMBER:		
DATE OF PURCHASE:		
DEALER NAME:		

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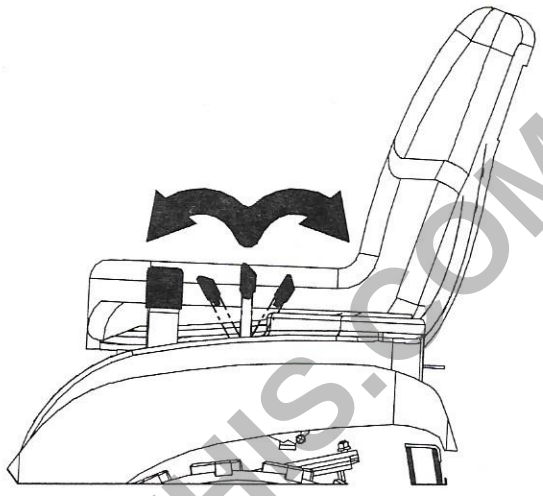
Up and Down Control

The hydraulic system of the snowblower is the same as the one of the tractor mower.

Push the lawnmower latch located on the left side of the driver seat:

- **Backward:** to raise the snowblower.
- **Forward:** to lower the snowblower.

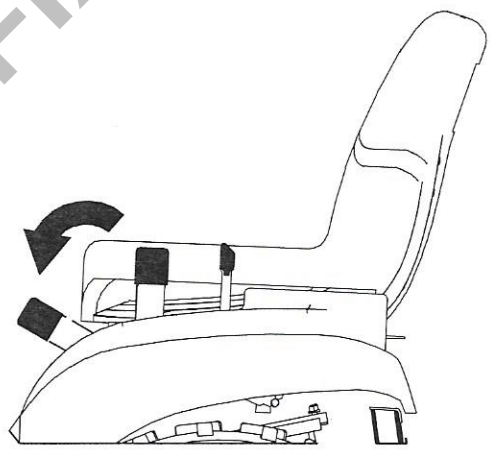
When the lifting lever is released, it goes back to its initial position at the center.



Engaging the Drive Mechanism

The drive mechanism of the snowblower uses the same PTO as the one of the tractor mower. The engagement lever is located on the left side of the driver seat.

- To **engage** the snowblower, push the engagement lever and place it in the notch. This will make the augers and the fan turn.
- To **disengage**, push slightly on the engagement lever and disengage it from the notch. This will bring it back to its initial position.



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