

**OWNER'S MANUAL**  
**22" - 5 H.P. SNOW THROWER**  
**MODEL 5360-82**

**WARRANTY**

**TWO YEAR LIMITED WARRANTY**

For two (2) years from date of purchase by the first consumer for residential use (thirty (30) days commercial use), Western International Incorporated warrants that it will replace free of charge, including labor, any original part of any Western International Incorporated product found to be defective by any authorized Service Dealer or the factory.

This warranty does not cover engine or transmission (these items are covered by their manufacturer's own warranty). This warranty does not cover parts that have failed due to normal wear or parts that have failed due to misuse, abuse or failure to maintain and lubricate equipment as instructed in owner's manual. Transportation of the unit to and from an authorized Service Dealer or the factory is the responsibility of the owner.

A step by step explanation as to what procedure should be followed for this Warranty is:

1. If a part becomes defective, contact the store where the unit was purchased for the name and address of the authorized Service Dealer nearest to you.
2. If you cannot locate an authorized Service Dealer, write Service Department of Western International Incorporated for the name and address of the authorized Service Dealer in your area or call the Service Department at 1-800-247-7464.
3. Return the defective product, along with proof of purchase to such authorized Service Dealer for replacement of any defective part where covered by this warranty.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose are limited to two (2) years from date of purchase. Liability for incidental or consequential damages are excluded.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Western International Incorporated      P.O. Box 377      Des Moines, Iowa 50302

**UNIT PARTS AND SERVICE**

This manual contains instructions for safety, assembly and maintenance. Read this manual carefully and completely so that you will know proper assembly, use and care of your unit. Also fill in and mail the registration card packed with the unit. For service other than covered in this manual, contact an authorized service dealer. A nationwide parts and service organization has been established to provide locally available parts and service. A list of authorized parts distributors has been included in this manual. When ordering repair parts, always give the following information: 1. The Part Name; 2. The Part Number; 3. The Quantity desired; 4. The Full (eight digit) Model Number of the unit. The model number will be found on a plate attached to the unit.



**Look for this symbol. It means - ATTENTION! BECOME ALERT! A HAZARD TO OPERATOR, BYSTANDERS, PROPERTY OR EQUIPMENT MAY EXIST.**

**WESTERN INTERNATIONAL INCORPORATED**  
**P.O. BOX 377**  
**DES MOINES, IOWA 50302**

Part No. 62927

2886



## OPERATIONAL PRECAUTIONS

THESE INSTRUCTIONS ARE FOR YOUR PROTECTION. PLEASE READ THEM CAREFULLY.



### TRAINING

1. Read the owner's manual carefully. Be thoroughly familiar with the controls and the proper use of the snow thrower. Know how to stop the snow thrower and disengage the controls quickly.
2. Never allow children or young teenagers to operate the snow thrower and keep them away while it is operating. Never allow adults to operate the snow thrower without proper instruction. Do not carry passengers.
3. Keep the area of operation clear of all persons, particularly small children, and pets.
4. Exercise caution to avoid slipping or falling, especially when operating in reverse.

### PREPARATION

1. Thoroughly inspect the area where the snow thrower is to be used and remove all doormats, sleds, boards, wires, and other foreign objects.
2. Disengage all clutches and shift into neutral before starting the engine (motor).
3. Do not operate the snow thrower without wearing adequate winter outer garments. Wear footwear that will improve footing on slippery surfaces.
4. Handle fuel with care; it is highly flammable.
  - (a) Use an approved fuel container.
  - (b) Never remove fuel tank cap or add fuel to a running engine or hot engine.
  - (c) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
  - (d) Replace fuel tank cap securely and wipe up spilled fuel.
  - (e) Never store fuel or snow thrower with fuel in the tank inside of a building where fumes may reach an open flame or spark.
  - (f) Check fuel supply before each use, allowing space for expansion as the heat of the engine (motor) and/or sun can cause fuel to expand.
5. Use extension cords and receptacles as specified by the manufacturer for all snow throwers with electric drive motors or electric starting motors.
6. Adjust the snow thrower height to clear gravel or crushed rock surface.
7. Never attempt to make any adjustments while the engine (motor) is running (except when specifically recommended by manufacturer).
8. Let engine (motor) and snow thrower adjust to outdoor temperatures before starting to clear snow.
9. 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 snow thrower.

### OPERATION

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
2. Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
3. After striking a foreign object, stop the engine (motor), remove the wire from the spark plug, disconnect the cord on electric motors, thoroughly inspect the snow thrower for any damage, and repair the damage before restarting and operating the snow thrower.

4. If the snow thrower should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
5. Stop the engine (motor) whenever you leave the operating position, before unclogging the auger/impeller housing or discharge guide, and when making any repairs, adjustments, or inspections.
6. When cleaning, repairing, or inspecting, make certain the auger/impeller and all moving parts have stopped. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
7. Take all possible precautions when leaving the snow thrower unattended. Disengage the auger/impeller, shift to neutral, stop engine, and remove key.
8. Do not run the engine indoors, except when starting the engine and for transporting the snow thrower in or out of the building. Open the outside doors; exhaust fumes are dangerous (containing CARBON MONOXIDE, an ODORLESS and DEADLY GAS).
9. Do not clear snow across the face of slopes. Exercise caution when changing direction on slopes. Do not attempt to clear steep slopes.
10. Never operate the snow thrower without proper guards, plates or other safety protective devices in place.
11. Never operate the snow thrower near glass enclosures, automobiles, window wells, drop-offs, and the like without proper adjustment of the snow discharge angle. Keep children and pets away.
12. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
13. Never operate the snow thrower at high transport speeds on slippery surfaces. Look behind and use care when backing.
14. Never direct discharge at bystanders or allow anyone in front of the snow thrower.
15. Disengage power to the auger/impeller when snow thrower is transported or not in use.
16. Use only attachments and accessories approved by the manufacturer of the snow thrower (such as tire chains, electric start kits, etc.).
17. Never operate the snow thrower without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. Walk; never run.

### MAINTENANCE AND STORAGE

1. Check shear bolts and other bolts at frequent intervals for proper tightness to be sure the snow thrower is in safe working condition.
2. Never store the snow thrower with fuel in the fuel tank inside a building where ignition sources are present such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
3. Always refer to owner's manual instructions for important details if the snow thrower is to be stored for an extended period.
4. Maintain or replace safety and instruction labels, as necessary.
5. Run the snow thrower a few minutes after throwing snow to prevent freeze-up of the auger/impeller.

## OWNER'S INFORMATION

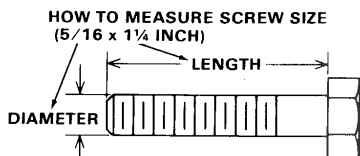
Record the following information about your unit so that you will be able to provide it in case of loss or theft.

MODEL NUMBER: - (Enter complete 8 digit model number from model plate on unit)  
 PURCHASE DATE: \_\_\_ / \_\_\_ / \_\_\_ CODE NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
 DEALER'S NAME AND ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ TELEPHONE \_\_\_\_\_

## ASSEMBLY

### CONTENTS OF SHIPPING CARTON

- 1 - 22 inch Snow Thrower (completely assembled except for handles and controls)
- 1 - Engine Manual
- 1 - Owner's Manual
- 1 - Left Lower Handle (with 2 extra holes)
- 1 - Right Lower Handle
- 1 - Upper Handle Assembly
- 1 - Upper Chute Control Rod
- 2 - Clutch Cables
- 1 - Control Panel
- 2 - Bags of Assembly Parts Containing:
  - 2 - Hand Grips (flat)
  - 1 - Hand Grip (round)
  - 1 - Bracket (for upper chute guide rod)
  - 1 - Pivot Block
  - 2 - Cable Links
  - 2 - Spacers
  - 1 - "U" Bolt
  - 2 - Springs
  - 2 - 13/64 inch Flatwashers
  - 2 - 1/8 x 1 inch Cotterpins
  - 6 - Formed (curved) Washers
  - 2 - No. 10 Locknuts
  - 2 - 1/4 x 2 inch Hex Head Screws
  - 2 - 1/4 inch Locknuts
  - 4 - 5/16 x 3/4 inch Hex Flange Head Screws
  - 4 - 5/16 x 1 3/4 inch Hex Head Screws
  - 2 - 5/16 inch Flange Locknuts
  - 4 - 5/16 inch Locknuts
- 1 - Bag of Shear Bolt Replacement Parts (not used in assembly) Containing:
  - 2 - 5/16 x 1 3/8 inch Shear Bolts
  - 2 - 5/16 inch Locknuts
  - 1 - Instruction Sheet



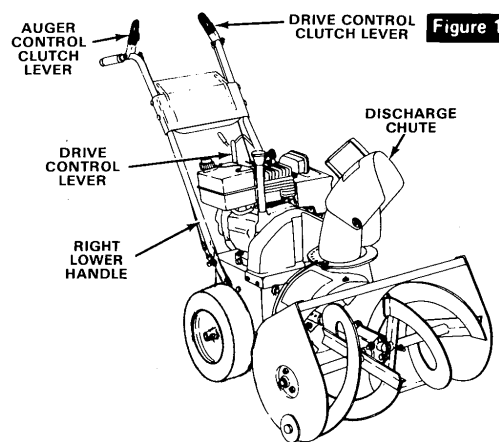
### TOOLS REQUIRED FOR ASSEMBLY

- 1 - 5/16 inch Wrench (or adjustable wrench)
- 1 - 3/8 inch Wrench (or adjustable wrench)
- 2 - 7/16 inch Wrenches (or adjustable wrenches)
- 2 - 1/2 inch Wrenches (or adjustable wrenches)

**⚠ DANGER ⚠**

Always wear safety glasses or eye shields while assembling snow thrower.

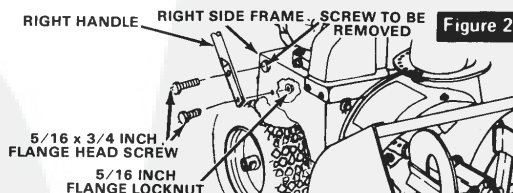
Figure 1 shows the Snow Thrower assembled. Instructions refer to right or left hand as you face the snow thrower from operator position. **NOTE:** Assembly will be easier with the assistance of a second person.



### HANDLE ASSEMBLY

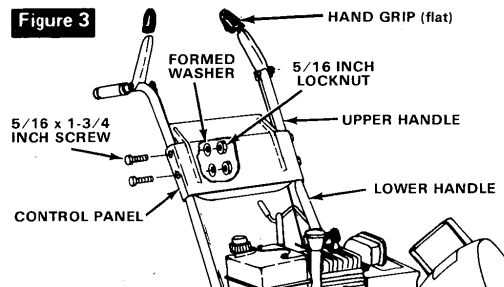
Lower handles are tubes flattened at bottom end and formed into half circle (to fit outside of upper handle) at top end. The left lower handle has 6 holes drilled through it. Right lower handle has only 4 holes. Upper handle is "U" shaped with hand grips and control levers attached. To complete handle assembly, proceed as follows:

1. Remove and discard the 5/16 x 1/2 inch screw at top rear of right side frame (figure 2). **Do not remove left side screw until right handle has been installed.**
2. Place a 5/16 x 3/4 inch flange head screw through upper of two holes in lower end of right lower handle and into hole in right side frame where 5/16 x 1/2 inch screw was removed. **NOTE:** Nut for this screw is welded to inside of side frame.
3. Place a 5/16 x 3/4 inch flange head screw (figure 2) through lower hole in right lower handle and through hole in side frame. Secure with a 5/16 inch flange locknut on inside of side frame.



4. Tighten screws securely.
5. Repeat steps 1 through 3 on left side. **NOTE:** Do not completely tighten screws in left handle at this time.
6. Place upper handle between lower handles.
7. Place control panel over upper and lower handles. Secure control panel, upper and lower handles with four 5/16 x 1 3/4 inch hex head screws, four formed washers and four 5/16 inch locknuts as shown in figure 3. Tighten securely.
8. Securely tighten left lower handle screws left loose in step 5.
9. Push a flat hand grip (from parts bag) onto each control lever on upper handle.

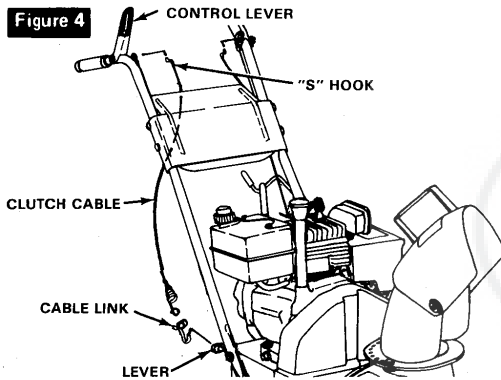
**Figure 3**



### CONTROLS ASSEMBLY

1. Place a cable link (figure 4) onto spring at lower end of both clutch cables. **NOTE:** Round end of link hooks into spring end.
2. Hook cable links into levers extending from rear of snow thrower on each side (figure 4). **NOTE:** Hook links into levers from bottom up as shown in figure 4.
3. Pull up and hook "S" ends of cables into control levers (figure 4) on upper handle (from inside out). **NOTE:** Make sure cables are under upper handle crosspiece and control panel.

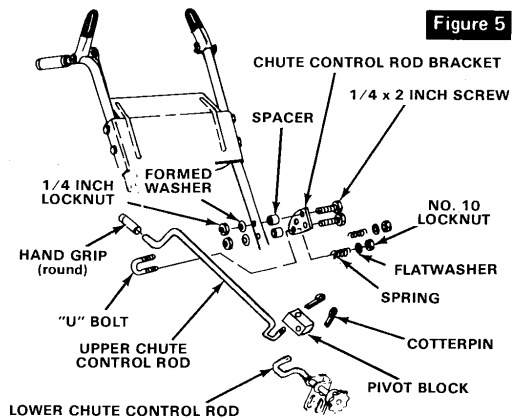
**Figure 4**



4. If cables are difficult to hook, remove screw from control lever, hook "S" hook into lever then reattach lever.
5. Attach bracket for chute control rod to outside of left lower handle (as shown in figure 5) with two 1/4 x 2 inch screws, two formed washers, two 1/4 inch locknuts and two spacers. **NOTE:** Spacers must be installed between bracket and lower handle.

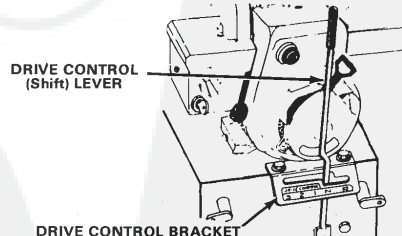
6. Attach pivot block (figure 5) to lower chute control rod with a 1/8 x 1 inch cotterpin.
7. Attach upper chute control rod (figure 5) to pivot block with a 1/8 x 1 inch cotterpin. **NOTE:** Ends of cotter pins must be bent tight around rod ends so that they do not interfere with pivoting action of pivot block.
8. Push the round hand grip (from parts bag) onto top end of upper chute control rod.

**Figure 5**



9. Attach upper chute control rod to bracket on left lower handle (as shown in figure 5) with a "U" bolt, two springs, two flatwashers and two No. 10 locknuts. **NOTE:** Tighten locknuts only enough for springs to hold rod snug (about 1/2 inch of threads extending through locknuts). **CAUTION:** Chute deflector was pushed down for packaging purposes. Pull deflector up before turning chute control rod to prevent scratching paint from auger housing.
10. Check to make sure transmission is in neutral by lifting wheels off ground and spinning wheels with your foot. Wheels will not spin if transmission is not in neutral and drive control lever on left handle is depressed against hand grip. **NOTE:** If drive control lever is not in neutral "N" position when transmission is in neutral, adjust as follows:
  - A. Move drive control lever until transmission is in neutral (wheels can be spun with foot when wheels are lifted off ground and drive control lever on left handle is depressed against hand grip).
  - B. Loosen screws in drive control bracket (figure 6) on rear side of engine mount platform.
  - C. Move drive control bracket and rod left or right until drive control lever is in neutral "N" position as shown in figure 6. Retighten loosened screws securely.
  - D. Move drive control lever to all 3 forward positions and reverse "R" to check adjustment.

**Figure 6**

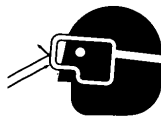


## CAUTION

For packaging purposes, the gage wheels on this snow thrower may have been adjusted all the way up two lowest height position. Adjust height as instructed in GAGE WHEEL (height) ADJUSTMENT paragraph in ADJUSTMENT/REPAIRS section of this manual before using snow thrower.

## OPERATION

The operation of this snow thrower can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating snow thrower. We recommend standard safety glasses or Wide Vision Safety Mask for over spectacles.



Get to know your snow thrower and its controls. Be sure you (or any other operator) have read and understood the Operational Precautions listed on page 2 of this manual.

- **Throttle Control Lever** - This snow thrower is equipped with an engine mounted throttle control lever used to control speed of engine.
- **Choke Lever** - Used to assist in starting a cold engine.
- **Primer Button** - Used to inject fuel directly into carburetor manifold to insure fast starts.
- **Ignition Switch** - Switch must be turned to ON position to start engine and turned to OFF position to stop engine.
- **Starter Handle** - This snow thrower is equipped with a recoil starter.

## ! DANGER

READ OWNER'S MANUAL BEFORE OPERATING MACHINE.

THIS MACHINE CAN BE DANGEROUS IF USED CARELESSLY.

NEVER OPERATE THE SNOW THROWER WITHOUT ALL GUARDS, COVERS, AND SHIELDS IN PLACE.

NEVER DIRECT DISCHARGE TOWARDS WINDOWS OR ALLOW BYSTANDERS NEAR MACHINE WHILE ENGINE IS RUNNING.

STOP THE ENGINE WHENEVER LEAVING THE OPERATING POSITION, BEFORE UNCLOGGING IMPELLER HOUSING OR DISCHARGE CHUTE AND BEFORE MAKING REPAIRS OR ADJUSTMENTS. WHEN LEAVING MACHINE REMOVE THE KEY.

TO REDUCE RISK OF FIRE, KEEP MACHINE CLEAN AND FREE FROM SPILLED GAS, OIL AND OTHER DEBRIS.

## SNOW THROWER OPERATING CONTROLS

The snow thrower operating controls (figure 8) and their functions are as follows:

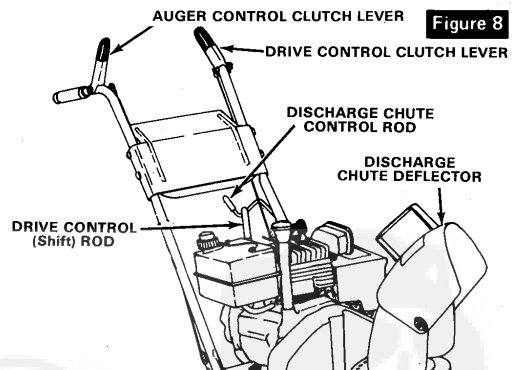
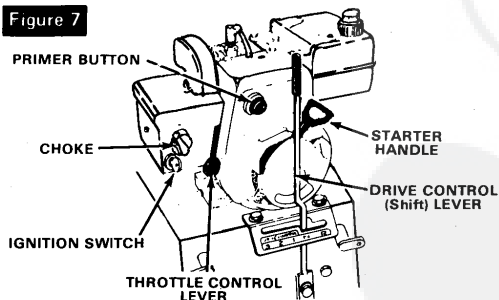


Figure 8

## ENGINE OPERATING CONTROLS

The engine operating controls (figure 7) and their functions are as follows:

Figure 7



- **Drive Control Clutch Lever** - This lever (on left handle) controls forward or reverse motion of the snow thrower when drive control (shift) lever is in the appropriate position. When the operator's hand is removed from the drive control lever, snow thrower motion stops. **NOTE:** Drive control clutch lever **must** be released before changing drive control (shift) lever position.
- **Auger Control Clutch Lever** - This lever (on right handle) starts rotation of the auger and impeller (located behind auger and under discharge chute). When the operator's hand is removed from the auger control lever, auger rotation stops.
- **Discharge Chute Deflector** - The distance snow will be discharged can be adjusted by raising deflector for more distance, or lowering for less distance.
- **Discharge Chute Control Rod** - Used to change direction of snow discharge. Turn handle clockwise to turn discharge chute to left. Turn handle counterclockwise to turn chute to right.

- **Drive Control (shift) Lever** - Used to select desired snow thrower speed or direction. Choice of three forward speeds, neutral and reverse. **NOTE:** Drive control clutch lever **must** be released before changing drive control (shift) lever position.

## PRE-USE CHECK OF CONTROLS

All controls should be checked for proper function before servicing or starting the engine.

1. Check discharge chute control rod for proper function. Check to make sure sprocket teeth on lower chute control rod (figure 5) fully engage holes in flange around bottom of discharge chute. The bracket that holds lower chute control rod is slotted and can be moved up or down to obtain full engagement of sprocket teeth. Make sure upper and lower chute control rods are properly assembled.
2. Check drive control (shift) lever for proper position (see **Drive Control Adjustment** paragraph in **Adjustments/Repairs** section of this manual).
3. Check drive control clutch lever, auger control clutch lever and discharge chute deflector for proper operation (see **Snow Thrower Operating Controls** paragraph).
4. After servicing the engine and before beginning snow removal, check controls again with engine running. If drive or auger controls do not seem to function properly, check drive belt and belt guides for proper adjustment (see **Drive Belt Adjustment** paragraph in **Adjustments/Repairs** section of this manual).

## TO SERVICE ENGINE

The engine on this snow thrower was shipped with **NO OIL**. Oil **must** be added before engine is started.

1. Remove oil fill cap/dipstick (figure 9) and fill crankcase with oil. See **Engine Operating and Maintenance** manual for proper procedure.
2. Reinstall oil fill cap/dipstick and make sure it is properly installed and tight.
3. Fill gas tank with clean, fresh, lead-free grade automotive gasoline. Low-lead or regular grade gasoline is an acceptable substitute. **NOTE: Do not use Ethyl, high octane gasoline or Gasohol.** Be certain container is clean and free from rust or foreign particles. Never use gasoline that may be stale from long periods of storage in the container. **CAUTION: DO NOT use gasoline containing any amount of alcohol as it can cause serious damage or significantly reduce performance.**

## ⚠ DANGER ⚠

Gasoline is flammable and caution must be used when handling or storing it. Do not fill fuel tank while snow thrower is running, hot, or when snow thrower is in an enclosed area. Keep away from open flame, electrical spark, and **DO NOT SMOKE** while filling the fuel tank. Never fill fuel tank completely; but fill the tank to within ¼ - ½ inch from the top to provide space for expansion of fuel. Always fill fuel tank outdoors and use a funnel or spout to prevent spilling. Make sure to wipe up any spilled fuel before starting the engine.

Store gasoline in a clean, approved container, and keep the cap in place on the container. Keep gasoline in a cool, well ventilated place; never in the house. Never buy more than a 30 day supply of gasoline to assure volatility. Gasoline is intended to be used as a fuel for internal combustion engines; therefore, do not use gasoline for any other purpose. Since many children like the smell of gasoline, keep it out of their

reach because the fumes are dangerous to inhale, as well as being explosive.

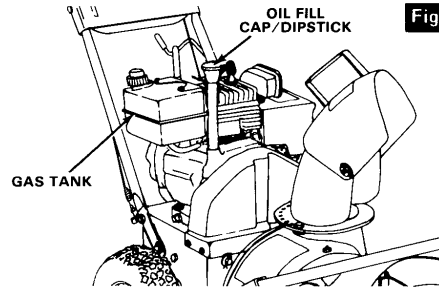


Figure 9

## TO START ENGINE (check oil level)

This snow thrower engine is equipped with a recoil starter. Before starting the engine, be certain that you have read and followed all the instructions on the preceding pages.

## ⚠ DANGER ⚠

Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains **CARBON MONOXIDE**, an **ODORLESS** and **DEADLY GAS**.

Keep hands, feet, hair and loose clothing away from any moving parts on engine and snow thrower.

**WARNING:** Temperature of muffler and nearby areas may exceed 150° F. Avoid these areas.

**DO NOT** allow children or young teenagers to operate or be near snow thrower while it is operating.

1. Move drive control lever (figure 8) to **NEUTRAL** position.
2. Rotate ignition switch key (figure 7) clockwise to **ON** position.
3. Move throttle control lever (figure 7) to **FAST** position.
4. Move choke lever (figure 7) to **FULL CHOKE** position. **NOTE:** Do not choke a warm engine.
5. Push primer button (figure 7) two (2) times. **NOTE:** Do not prime a warm engine.
6. Pull starter handle (figure 7) rapidly. **NOTE:** Do not allow starter handle to snap back but rewind slowly while keeping a firm hold of start handle.
7. As engine warms up and begins to operate evenly, move choke lever slowly to **OFF** position. If engine falters, return to ½ choke until it runs smoothly, then move to **OFF** choke position. **NOTE:** Allow the engine to warm up for a few minutes as the engine will not develop full power until it reaches operating temperature.
8. Run engine at or near top speed.
9. To stop forward motion, release drive control clutch lever (figure 8) on left handle. To stop engine, move throttle control lever to **STOP** position and move ignition switch key to **OFF** position.

## SNOW THROWER OPERATION

The most effective use of the snow thrower will be established by experience, taking into consideration the terrain, wind conditions and the depth and weight of the snow. It is the wind conditions and building location which will determine the direction of the discharge chute. **NOTE:**

**Do not throw snow towards a building as hidden objects could be thrown with sufficient force to cause damage.**

To engage the self-propelling drive mechanism, proceed as follows:

1. Start the engine as described in paragraph **To Start Engine**.
2. Using the discharge chute control rod (figure 8), position the discharge chute in desired direction.
3. Select proper speed for snow conditions as outlined below and set drive control lever to desired position.
  - A. Number 1 position is for extra deep, wet, heavy snow.
  - B. Number 2 position is for deep, wet, heavy snow. Experience will help make choice between position 1 and 2.
  - C. Number 3 position is for light fluffy snow and for transporting snow thrower over bare or plowed areas.
4. Press the auger clutch lever on right hand grip to begin auger rotation.

**⚠ DANGER ⚠**

**The moment the drive control lever is set in a position other than NEUTRAL and the drive control clutch lever on the left hand grip is pressed, the snow thrower will move.**

5. Press the drive control clutch lever, on left hand grip, and snow thrower will begin forward (or backward, depending on drive control lever position) motion.

6. To disengage the drive mechanism: Release both clutch levers. Set the drive control lever to the NEUTRAL position.

7. To move snow thrower backwards. Place drive control lever in REVERSE position and press the drive control clutch lever on left hand grip. To stop backward motion: Release pressure from drive control clutch lever. Return drive control lever to NEUTRAL position.

**NOTE:** Adjustment of v-belt may be necessary after a normal break-in period of 2 to 4 hours of use. See **DRIVE BELT ADJUSTMENT** paragraph in **ADJUSTMENTS/REPAIRS** section of this manual.

**⚠ DANGER ⚠**

**Do not attempt to remove any item that may become lodged in auger without taking the following precautions:**

1. Move impeller/auger drive control lever to **OFF** position.
2. Move wheel drive control lever to **NEUTRAL** position.
3. Move throttle lever to **STOP** position.
4. Turn key to **OFF** position.
5. Disconnect spark plug wire.
6. Do not place your hands in the auger or discharge chute. Use a pry bar.

## SNOW THROWER CARE

To help prevent possible freeze-up of rewind starter and engine controls, proceed as follows after each snow throwing job:

1. **With engine running**, pull starter rope hard with a continuous full arm stroke three or four times. Pulling of starter rope will produce a loud clattering sound. This is not harmful to the engine or starter.

2. **With engine not running**, wipe all snow and moisture from carburetor cover in area of control levers. Also move control levers backward and forward several times.

To prevent or cure icing of cables and controls, a de-icer can be used. De-icer is available at most automotive supply stores.

**⚠ DANGER ⚠**

**Pay close attention to instruction on the de-icer container. Also be extra careful that no de-icer comes in contact with muffler or any other hot area on or near engine.**

**IMPORTANT:** After each use of the snow thrower, stop the engine, remove the ignition key, remove all accumulated snow from the snow thrower and wipe clean. If possible, flush snow thrower with water to remove any snow melting chemicals that may have been used on removed snow. Store the snow thrower in a protected area.

Be good to your snow thrower. Check for any loose or damaged parts after each use. Tighten any loose fasteners. Check controls often to make sure they are functioning properly, see **Pre-Use Check of Controls**.

If any adjustments are required, see **Adjustments/Repairs** section of this manual. If any parts are worn or damaged, replace immediately. See **Repair Parts** section of this manual for proper **original equipment** parts. Make repairs as instructed in **Adjustments/Repairs** section of this manual.

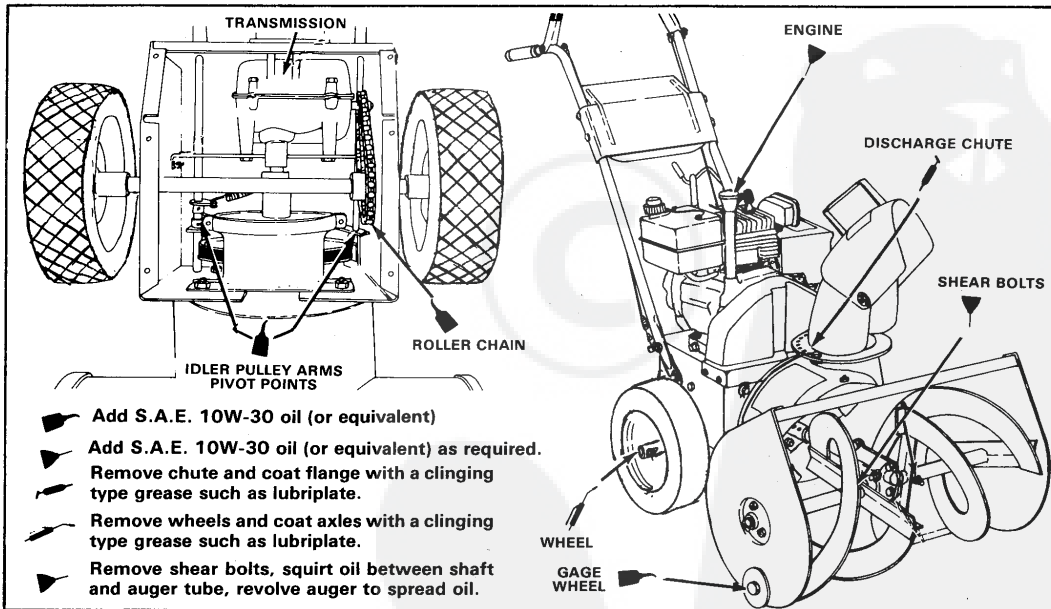
## MAINTENANCE

The warranty on this snow thrower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain snow thrower as instructed in this manual. The following

**Maintenance Check List** is supplied to assist operator to properly maintain snow thrower. This is a check list only. Adjustments referred to will be found in **Adjustment/Repairs** section of this manual.

<b>MAINTENANCE CHECK LIST</b>	<b>SERVICE RECORD</b> FILL IN DATES AS YOU COMPLETE REGULAR SERVICE						
	AFTER FIRST 2 HOURS BEFORE EACH USE	FREQUENTLY	EVERY 5 HOURS	EVERY 10 HOURS	EVERY 25 HOURS	BEGINNING EACH SEASON	BEFORE STORAGE
Check Engine Oil Level	●		●		●		
Change Engine Oil	●			●	●		
Tighten All Screws and Nuts	●	●					
Check Drive Control Adjustment			●		●		
Check Spark Plug				●	●		
Adjust Drive Belts	●			●	●		
Lubricate all Pivot Points			●			●	
Lubricate Auger Shaft			●			●	
Lubricate Discharge Chute Flange						●	
Lubricate Wheel Axles						●	
Lubricate Drive Chains			●			●	

### LUBRICATION CHART





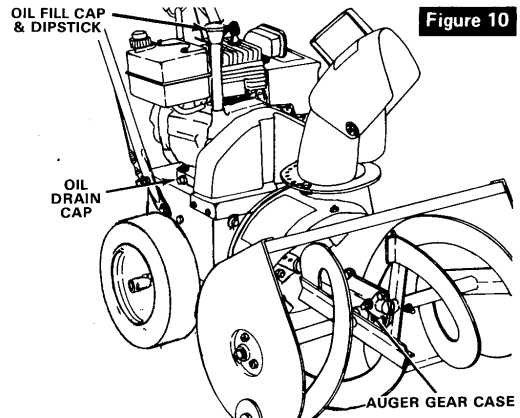
## LUBRICATION

For lubrication frequency see **Maintenance Check List**. For lubrication points and type of lubricant, see **Lubrication Chart**.

1. Check crankcase oil level before starting engine and after each 5 hours of continuous use. Add S.A.E. 10W-30 motor oil (or equivalent) as required. Change crankcase oil after first 2 hours of operation and every 25 hours of operation thereafter, or at beginning of each season. **NOTE:** S.A.E. 5W-20 or 5W-40 motor oil (or equivalent) may be substituted in areas where temperature is consistently 20°F. or lower. **To drain oil, proceed as follows:**

- A. Remove gas from gas tank. Start and run engine until it stops from lack of gas.
- B. Remove oil fill cap/dipstick (figure 10).
- C. Remove oil drain cap (figure 10).
- D. Tip snow thrower toward oil drain and drain oil into a suitable container. **NOTE:** Oil will drain more freely when warm.
- E. Reinstall oil drain cap and tighten securely. Fill crankcase to proper level shown on dipstick (approximately 1¼ pints).
- F. Reinstall oil fill cap/dipstick and refill gas tank.

2. The transmission and auger gear case have been factory lubricated for life. If for some reason, lubricant should leak out, have transmission or auger gear case checked by a competent repairman.



## ADJUSTMENTS/REPAIRS

### ⚠ DANGER ⚠

Always disconnect the spark plug wire and tie back away from spark plug before making any repairs or adjustments.

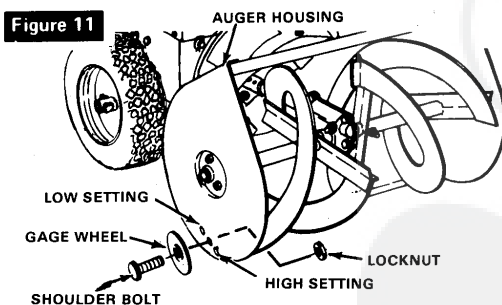
### ⚠ DANGER ⚠

Be certain to maintain proper ground clearance for your particular area to be cleared. Objects such as gravel, rocks or other debris, if struck by the auger, may be thrown with sufficient force to cause personal injury, property damage or damage to the snow thrower.

### GAGE WHEEL (Height) ADJUSTMENT

This snow thrower is equipped with a pair of gage wheels located on the outside of the auger housing. If snow is to be removed from rock or unpaved surface, the front of snow thrower will need to be raised. If snow is to be removed from hard smooth surface such as paved driveways or sidewalks, you may desire lowest possible setting of gage wheels. **To change height of gage wheels:**

1. Remove locknut on shoulder bolt through gage wheel (figure 11).
2. Relocate shoulder bolt into hole representing desired height and reinstall locknut.
3. Set wheel on other side at same height.

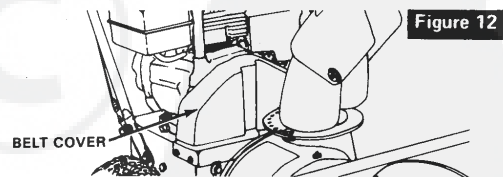


### DRIVE BELT ADJUSTMENT

This snow thrower is equipped with two drive belts located just in front of engine under belt cover (figure 12). Figure 13 shows both belts and idler pulleys. Belt nearest engine is unit drive (wheels) belt. Other belt (farthest from engine) is auger/impeller drive belt.

If adjustment becomes necessary due to wear or stretch of either belt:

1. Disconnect spark plug wire, tie back away from plug and remove belt cover (figure 12).

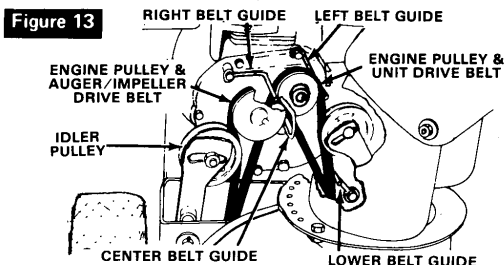


2. **IMPORTANT:** Have someone hold drive control and auger control clutch levers down against handles while doing step 3.

3. Loosen locknut on idler pulley (figure 13) and push idler pulley toward belt until belt is pulled firmly against engine pulley. Tighten securely.

4. Check belt guides (figure 13) for proper clearances as follows:

- A. Have someone hold auger and auger/impeller clutch levers (on upper handle) down against hand grips.
- B. Right belt guide (figure 13) should be adjusted to a position where it clears auger/impeller drive belt by not less than 1/16 inch or more than 1/8 inch. **NOTE:** Make sure that guide does not touch hub on unit drive engine pulley and that screw holding belt guide is tightened securely.
- C. Left belt guide on unit drive belt and engine pulley should be adjusted to clear belt by not less than 1/16 inch or more than 1/8 inch.
- D. Center belt guide on unit drive belt and engine pulley should be adjusted to clear belt by no more than 1/8 inch. **NOTE:** Make sure nut holding left and center belt guides is tightened securely.
- E. Adjust lower belt guide to not less than 1/16 inch or more than 1/8 inch from auger/impeller drive belt.
- F. Reconnect spark plug wire.



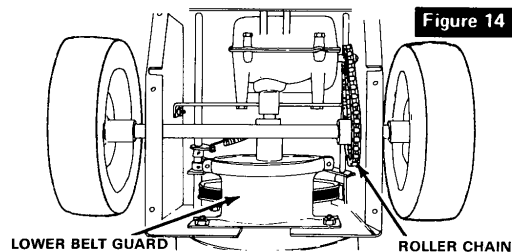
### DRIVE BELT REPLACEMENT

The drive belts on this snow thrower are of special construction and should be replaced with **original equipment** belts (see **Repair Parts** section).

#### To Replace Unit Drive Belt (belt nearest engine):

1. Remove gas from gas tank. Start and run engine until it stops from lack of gas.
2. Disconnect spark plug wire, tie wire back away from plug and remove belt cover (figure 12).
3. Loosen screw holding belt guide (figure 13) and swing guide away from belt.
4. Remove belt from engine pulley.
5. Stand snow thrower up on auger end. **CAUTION: A block (approximately 4 inches high) will have to be placed under top front edge of auger housing or snow thrower will not stand on end.**
6. Loosen nuts holding lower belt guard (figure 14) and slide guard away from belt.
7. Remove belt between large drive pulleys.
8. Install new belt in reverse order.
9. Slide belt guard back to within 1/16 inch of large drive pulley and tighten nuts.
10. Return snow thrower to operating position.
11. Place new belt onto engine pulley.
12. Adjust left and center belt guides as instructed in **Step 4 of Drive Belt Adjustment** paragraph.
13. Adjust belt as instructed in **Drive Belt Adjustment** paragraph.

14. Reinstall belt cover, reconnect spark plug wire and refill gas tank.



#### To Replace Auger/Impeller Drive Belt (belt farthest from engine):

1. Remove gas from gas tank. Start and run engine until it stops from lack of gas.
2. Disconnect spark plug wire, tie wire back away from plug and remove belt cover (figure 12).
3. Loosen screw holding right belt guide (figure 13) and swing guide away from belt.
4. Remove belt from engine pulley.
5. Stand snow thrower up on auger. **CAUTION: A block (approximately 4 inches high) will have to be placed under top front edge of auger housing or snow thrower will not stand on end.**
6. Loosen nuts holding lower belt guard (figure 14) and slide guard away from belt.
7. Remove belt between large pulleys.
8. Install new belt in reverse order.
9. Slide belt guard back to within 1/16 inch of large drive pulley and tighten nuts.
10. Return snow thrower to operating position.
11. Place new belt onto engine pulley.
12. Adjust belt guide as instructed in **Step 4 of Drive Belt Adjustment** paragraph.
13. Adjust belt as instructed in **Drive Belt Adjustment** paragraph.
14. Reinstall belt cover, reconnect spark plug wire and refill gas tank.

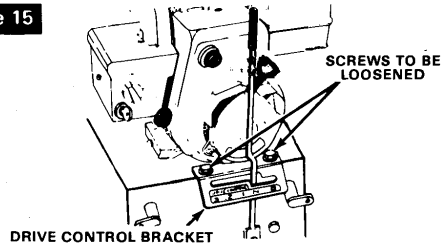
### DRIVE CONTROL ADJUSTMENT

Adjustment to drive control rod will be necessary if:

1. Snow thrower is not in neutral when drive control lever is in NEUTRAL position.
2. Reverse position can not be fully reached.
3. Third (3rd) gear can not be fully reached. If any of these three conditions exist, **adjust as follows:**
  - A. Disconnect spark plug wire.
  - B. Locate neutral position of drive control lever by lifting wheels off ground and spinning wheels with your foot (wheels will not spin if transmission is not in neutral and drive control lever on left handle is depressed against hand grip or roll if it is in neutral).
  - C. Leave drive control lever in position where neutral was obtained.
  - D. Loosen screws in drive control bracket (figure 15) at rear of snow thrower

- E. Slide drive control bracket left or right until drive control lever is in proper neutral position. Tighten screws in drive control bracket.
- F. Check adjustment by moving lever to each position. **NOTE:** Be sure to check to see that NEUTRAL is properly reached from both directions (from reverse and from forward gear).
- G. Reconnect spark plug wire.

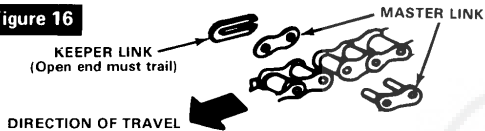
**Figure 15**



### ROLLER CHAIN REPLACEMENT

1. Remove gas from gas tank. Start and run engine until it stops from lack of gas.
2. Disconnect spark plug wire and tie wire away from plug.
3. Stand snow thrower up on auger end. **CAUTION: A block (approximately 4 inches high) will have to be placed under top front edge of auger housing or snow thrower will not stand on end.**
4. Locate master link (figure 16) in chain to be replaced.
5. Check position of open end of keeper link (figure 16) so that replacement link can be installed in the same manner. Open end of keeper link must be in trailing position when chain is operating in direction required for forward motion of snow thrower.
6. Remove master link and remove chain.
7. Install new chain in reverse order of removal.
8. Return snow thrower to operating position.
9. Reconnect spark plug wire and refill gas tank.

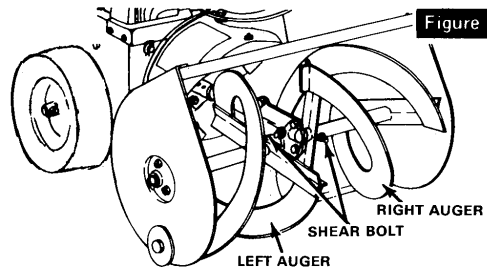
**Figure 16**



### SHEAR BOLT REPLACEMENT

The auger assembly is made up of a right and left auger. Each is secured with a **special bolt** (figure 17) that acts as a shear bolt. These bolts are designed to break (to prevent damage to snow thrower) if an object becomes lodged in the auger. Two spare bolts and nuts have been furnished with your snow thrower. If additional bolts are required, order **genuine** replacement bolts. Use of a harder bolt will destroy the protection provided by this special bolt. To replace a broken shear bolt, proceed as follows:

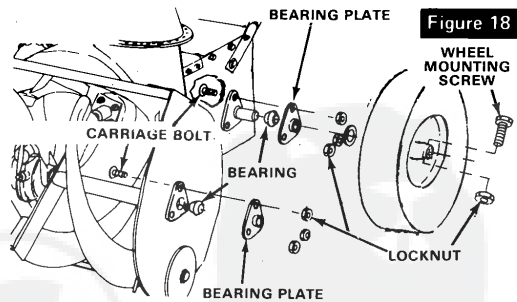
1. Disconnect spark plug wire, tie wire away from plug and remove the parts of the broken bolt.
2. Align the hole in the auger with the hole in the auger shaft. Install new shear bolt.
3. Reconnect spark plug wire.



### WHEEL AXLE BEARING REPLACEMENT

After approximately 100 hours (about 5 years) of use or if drive chain jumps off sprockets, bearing on wheel axle may need to be replaced. To replace bearings:

1. Disconnect spark plug wire and tie back away from spark plug.
2. Place a block (just enough to raise wheels off ground) under rear of snow thrower.
3. Remove screw (figure 18) that secures wheel to axle and remove wheel.
4. Remove three locknuts that secure bearing place to rear frame assembly. **NOTE:** Reassembly will be easier if a piece of tape is placed over each of the carriage bolt heads on inside of side frame before nuts are loosened.
5. Remove old bearing from axle shaft and install new bearing. Reinstall removed parts in reverse order of removal. **NOTE:** Push down on wheel axle while tightening bearing screws and nuts.
6. Repeat steps 3 through 5 on opposite side, remove block from under snow thrower, and reconnect spark plug wire.



### AUGER SHAFT BEARING REPLACEMENT

If auger shaft bearings (at center of auger housing ends) ever need to be replaced, proceed as follows:

1. Disconnect spark plug wire and tie back away from plug.
2. Remove three locknuts (figure 18) that secure bearing plate to outside of auger housing end.
3. Install new bearing and secure with removed locknuts.
4. Reconnect spark plug wire.

### TRANSMISSION REPLACEMENT

The replacement of the transmission on this snow thrower is a major service operation and should be done by a trained technician.

## SPARK PLUG ADJUSTMENT

Clean spark plug and reset gap periodically. Clean area around spark plug base, before removal, to prevent dirt from entering engine. Replace spark plug if electrodes are pitted or burned or if porcelain is cracked. Clean spark plug by carefully scraping electrodes (do not sand blast or use wire brush). Be sure spark plug is clean and free of foreign material. Check electrodes gap with a wire feeler gauge and reset gap to 0.030 inch if necessary.

Before reinstalling spark plug, coat threads lightly with graphite grease to insure easy removal. Tighten plug firmly. If torque wrench is available, torque plug to 15 foot pounds.

## CARBURETOR ADJUSTMENT

Never make unnecessary adjustments to the carburetor. Factory settings are satisfactory for most applications and conditions. **IMPORTANT:** If you think carburetor needs adjusting, refer to **Engine Operating and Maintenance** manual for proper procedure.

## CAUTION

**Never tamper with engine governor which is factory set for proper engine speed. Over-speeding engine above factory high speed setting can be dangerous. If you think the engine governed high speed needs adjusting, contact a qualified engine repairman who has the proper equipment and experience to make any necessary adjustments.**

## ENGINE SERVICE

Unless the operator is fully qualified to make engine adjustments and repairs, it is recommended that such work be done by technicians trained to work on snow thrower type gasoline engines.

## STORAGE

The snow thrower should be immediately prepared for storage at the end of the season or if the unit is to be un-used for 30 days or more.

### **⚠ DANGER ⚠**

**Never store engine with fuel in tank indoors or in enclosed, poorly ventilated enclosures, where fuel fumes may reach an open flame, spark or pilot light as on a furnace, water heater, clothes dryer, etc.**

**Handle gasoline carefully. It is highly flammable and careless use could result in serious fire damage to your person and/or property.**

**Drain fuel into approved containers outdoors, away from open flame.**

## ENGINE STORAGE

**Gasoline, if permitted to stand un-used for extended periods (30 days or more), may develop gummy deposits which can adversely affect the engine carburetor and cause engine malfunction. To avoid this condition, proceed as follows:**

1. Prior to shut down for 30 days or more, and for seasonal storage, drain gasoline from fuel tank.
2. Run engine until gas tank is empty and engine stops due to lack of gas.

3. Remove fuel line at tank or carburetor and drain any remaining gasoline from system.

4. Remove spark plug and pour one (1) ounce of engine oil through spark plug hole into cylinder. Crank engine several times to distribute oil. Reinstall spark plug.

5. Store snow thrower in wheel down, operating position. If snow thrower is stored in any other position, oil from crankcase could enter cylinder head, causing a service problem

## SNOW THROWER STORAGE

1. Clean the snow thrower thoroughly; remove all debris, flush with water to remove all salt or other chemicals and wipe snow thrower dry.

2. Inspect the snow thrower for worn or damaged parts, tighten all loose hardware.

3. Remove shear pins from auger, squirt oil between auger tube and axle shaft. Rotate auger several times to distribute oil.

4. Oil all points described in paragraph **Lubrication**.

5. Store the snow thrower in a protected area and cover the snow thrower for additional protection.

**IMPORTANT:** A yearly checkup or tuneup by a qualified service dealer is a good way of insuring that your snow thrower will provide maximum performance for the next season.

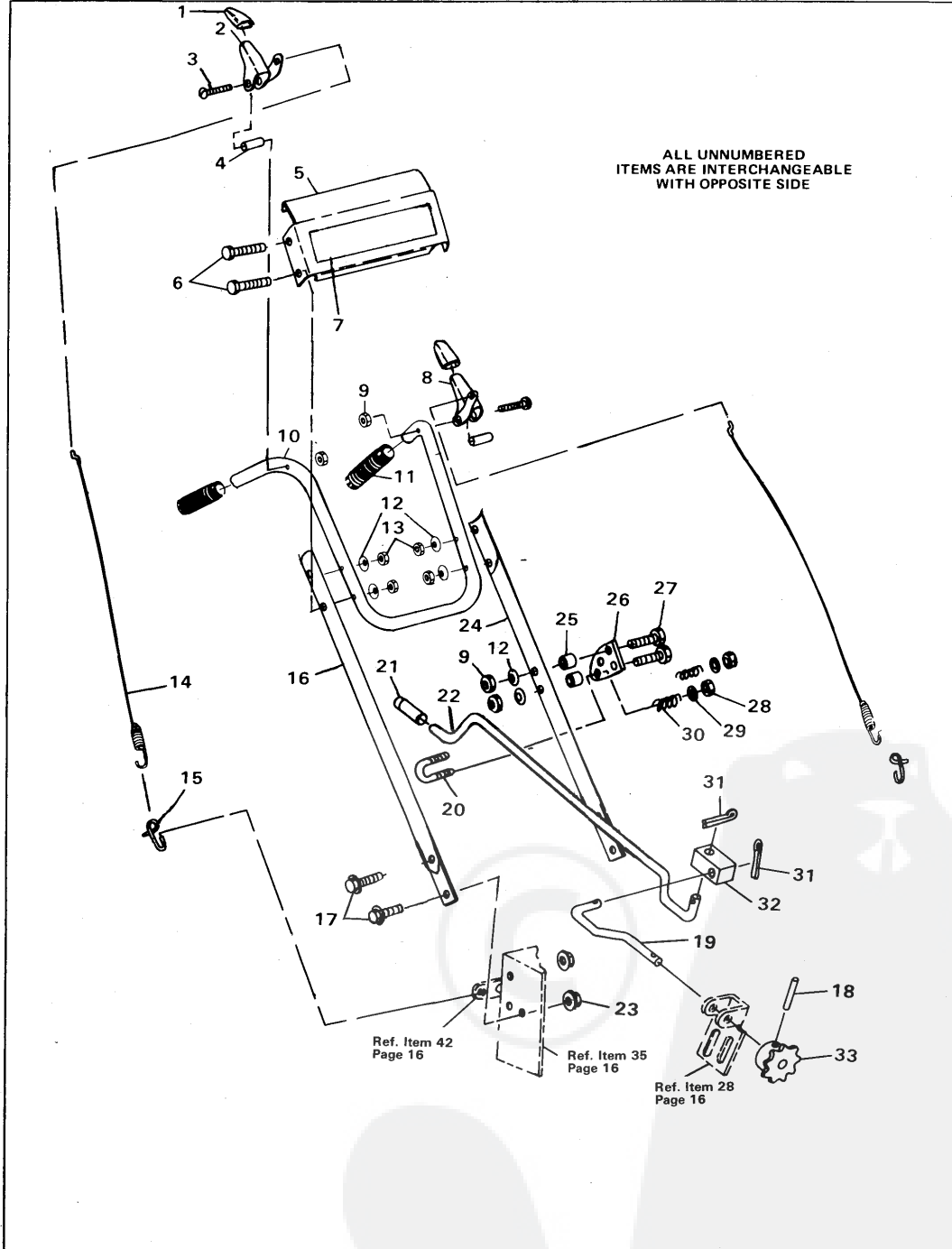
## TROUBLE SHOOTING

**DANGER: ALWAYS DISCONNECT SPARK PLUG WIRE BEFORE ATTEMPTING ANY REMEDY.**

TROUBLE	LOOK FOR	REMEDY
Difficult starting.	Defective spark plug	Replace defective plug.
Engine runs erratic	Blocked fuel line or empty gas tank	Clean fuel line; check fuel supply.
	Review paragraph <b>To Start Engine</b> .	
Engine stalls;	Unit running on CHOKE	Set choke lever to RUN position.
Loss of power; Engine runs erratic	Obstruction in impeller housing	Remove obstruction; clean impeller. Refer to last <b>Danger</b> in <b>Snow Thrower Operation</b> paragraph in <b>Operation</b> section of this manual
	Water in fuel system	Remove carburetor bowl to drain fuel tank. Refill with fresh fuel.
<b>CAUTION: Do not remove carburetor bowl when the engine is hot.</b>		
Excessive vibration	Loose parts; Damaged impeller	Stop engine immediately; tighten all bolts and make all necessary repairs. If vibration continues, have the unit serviced by a competent repairman.
Unit fails to propel itself	Drive belt loose or damaged	Replace drive belt. Refer to <b>Drive Belt Replacement</b> paragraph in <b>Adjustments/Repair</b> section of this manual.
	Drive roller chain loose or damaged	Replace or tighten roller chain. Refer to <b>Roller Chain Replacement</b> or <b>Step 5 of Wheel Axle Bearing Replacement</b> paragraph in <b>Adjustments/Repairs</b> section of this manual.
	Unit drive belt loose or damaged	Adjust unit drive belt; replace if damaged. Refer to <b>Drive Belt Adjustment</b> paragraph or <b>Drive Belt Replacement</b> paragraph in <b>Adjustments/Repairs</b> section of this manual.
Unit fails to discharge snow	Auger drive belt loose or damaged	Adjust auger drive belt; replace if damaged. Refer to <b>Drive Belt Adjustment</b> paragraph or <b>Drive Belt Replacement</b> paragraph in <b>Adjustment/Repairs</b> section of this manual.
	Shear bolt broken	Replace shear bolt. Refer to <b>Shear Bolt Replacement</b> paragraph in <b>Adjustments/Repairs</b> section of this manual.
	Discharge chute clogged	Clean discharge chute and inside of auger housing. Refer to last <b>Danger</b> in <b>Snow Thrower Operation</b> paragraph in <b>Operation</b> section of this manual.
	Foreign object lodged in auger	Remove object from auger. Refer to last <b>Danger</b> in <b>Snow Thrower Operation</b> paragraph in <b>Operation</b> section of this manual.
	Auger gear case trouble	Check auger gear case for broken or bound parts and for oil level. See <b>Unit Repair Parts</b> section of this manual for correct order of parts.
	Transmission trouble	Have transmission checked by competent repairman.
Improper shifting	Drive control (shift) lever out of adjustment	Make adjustment as instructed in <b>Drive Control Adjustment</b> paragraph in <b>Adjustments/Repairs</b> section of this manual.

# REPAIR PARTS

## 22" SNOW THROWER MODEL 5360-82



## 22" SNOW THROWER MODEL 5360-82

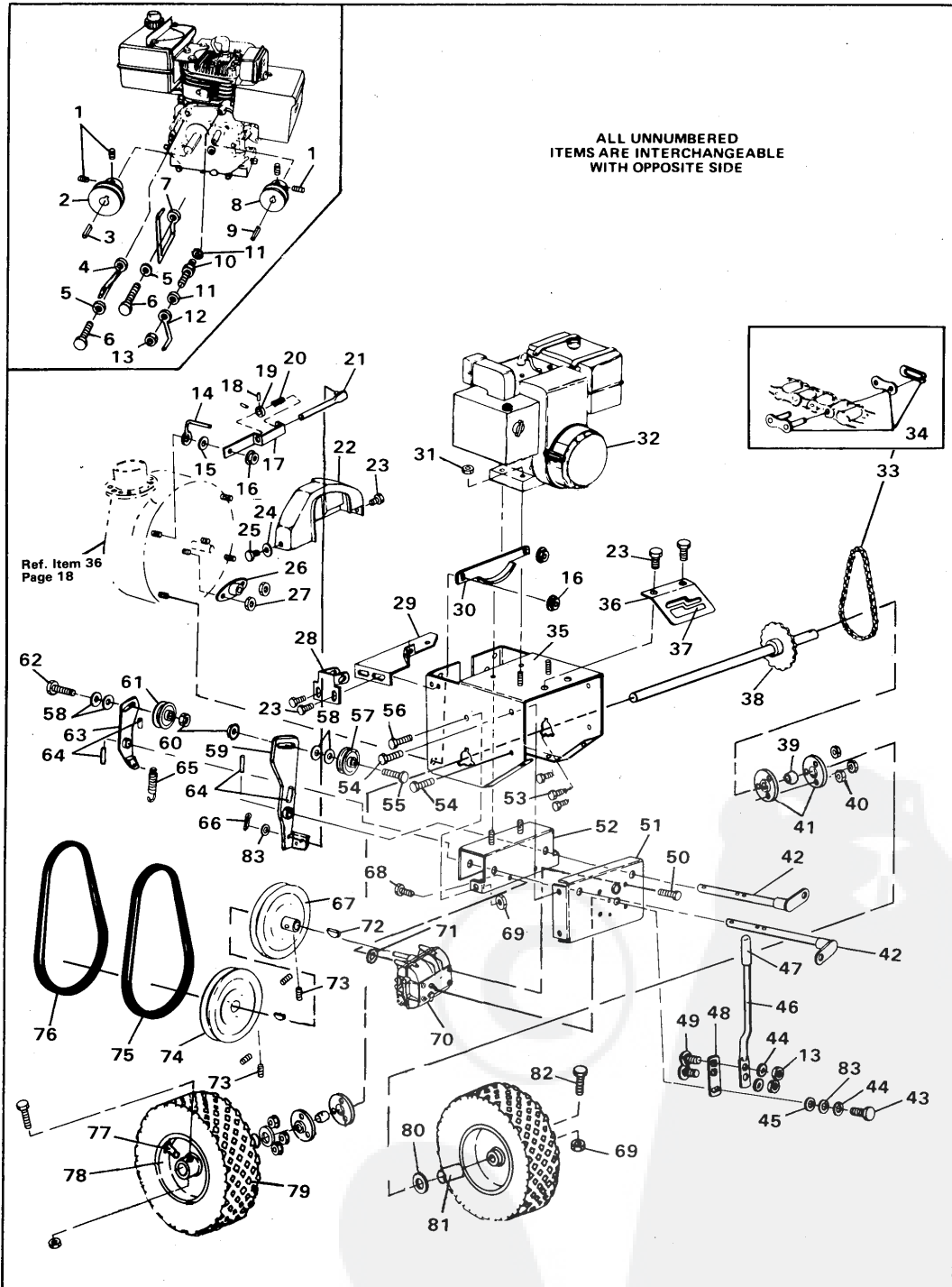
- ALWAYS GIVE THE FOLLOWING INFORMATION WHEN ORDERING REPAIR PARTS:  
 1. The PART NUMBER; 2. The PART NAME; 3. QUANTITY DESIRED; 4. The MODEL NUMBER (As shown on Model Plate)  
 SEND PART ORDERS AS PER INSTRUCTIONS ON THE FRONT PAGE  
 YOUR UNIT IS RIGHT HAND (RH) OR LEFT HAND (LH) AS YOU STAND BEHIND IT.  
 DO NOT USE KEY NUMBERS WHEN ORDERING REPAIR PARTS, ALWAYS USE PART NUMBERS.  
 All replacement parts will be supplied in current production colors or in a neutral color.  
 A handling fee is applicable to small parts orders.

Key No.	Part No.	Description
1	55194	Grip, Clutch Lever
2	57176	Lever Assembly, Clutch, R.H.
3	57068	Screw, Rd Hd, 1/4-20 x 1 1/2 In.
4	51271	Spacer, Clutch Lever
5	55243	Handle Panel
6	180085	*Screw, Hex Hd, 5/16-18 x 1 1/4 In.
7	69890	Decal, Handle Panel
8	55185	Lever Assembly, Clutch, L.H.
9	9424215	Locknut, 1/4-20 Thd
10	55248	Upper Handle
11	56463	Grip, Upper Handle
12	22025	Formed Washer
13	9413447	Locknut, 5/16-18 Thd
14	55318	Cable Assembly, Clutch
15	54588	Link, Cable
16	56038	Lower Handle, R.H.
17	56030	Screw, Wide Flange, 5/16-18 x 3/4 In

Key No.	Part No.	Description
18	455481	Roll Pin, 3/16 x 1 In.
19	54544	Rod, Chute Control, Lower
20	23940	U-Bolt
21	48441	Grip, Chute Control Rod
22	54545	Chute Control Rod, Upper
23	55273	Locknut, Wide Flange, 5/16-18 Thd
24	56039	Lower Handle, L.H.
25	55310	Spacer
26	50299	Bracket, Chute Control Rod
27	180044	*Screw, Hex Hd, 1/4-20 x 2 In.
28	997319	Locknut, No. 10-32 Thd
29	9417373	*Flatwasher, 13/64 In.
30	23939	Spring, Chute Control Rod
31	137185	Cotter Pin, 1/8 x 1 In.
32	51564	Pivot Block
33	48395	Sprocket, 9 Tooth
34	62927	Owner's Manual (Not Illustrated)

\*Standard Hardware Items - May Be Purchased Locally.

22" SNOW THROWER MODEL 5360-82





**22" SNOW THROWER MODEL 5360-82**

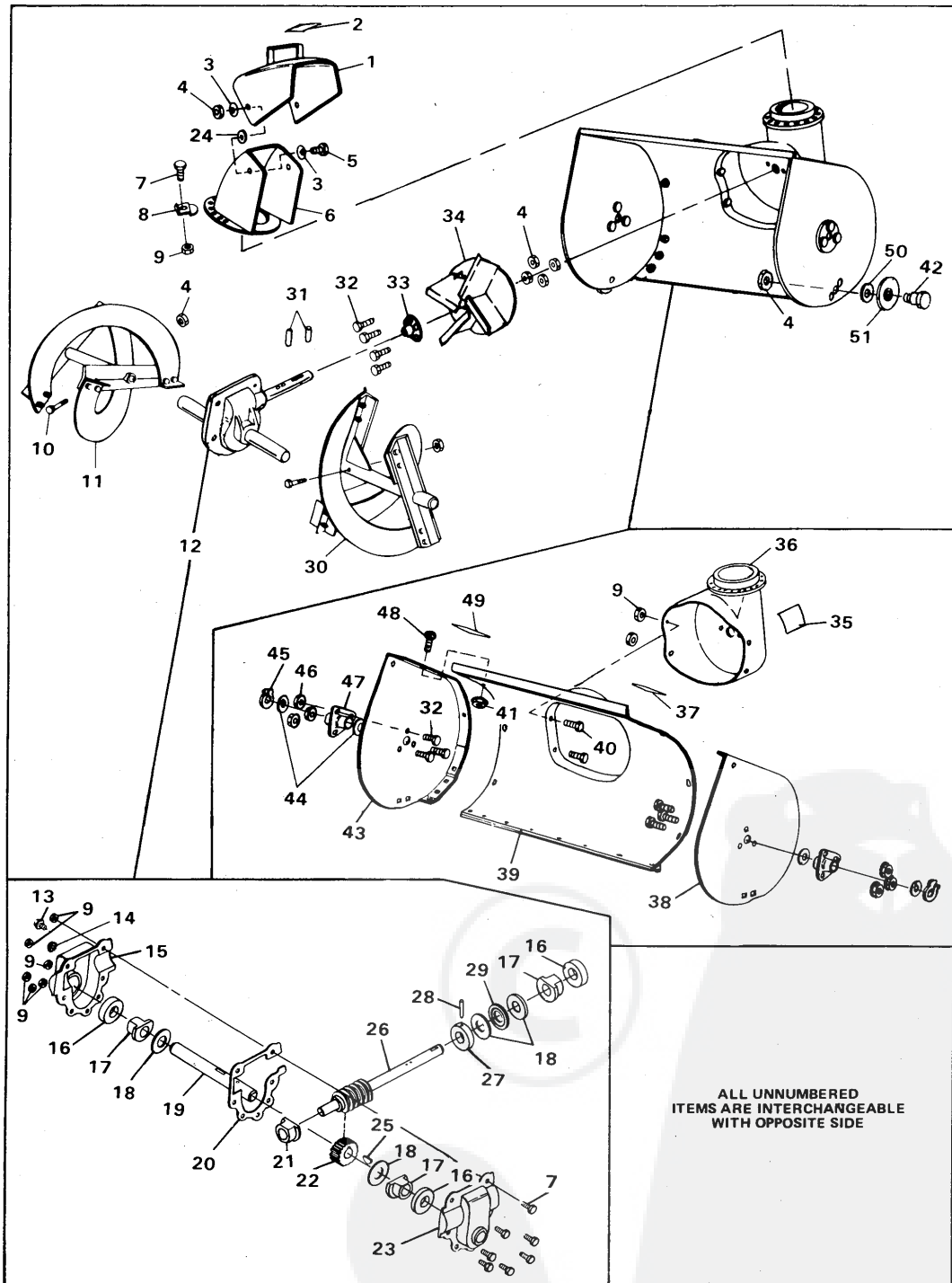
Key No.	Part No.	Description	Key No.	Part No.	Description
1	998503	Set Screw, 5/16-18 x 5/16 In.	43	181561	*Screw, Hex Hd, 1/4-28 x 1/2 In.
2	51135	Pulley, Engine, Auger Drive	44	120380	*Lockwasher, Split, 1/4 In.
3	671	Key, Square, 3/16 x 1 In.	45	50618	Spacer
4	54584	Belt Guide	46	55241	Lever
5	120393	*Flatwasher, 11/32 In.	47	50617	Knob, Drive Control Lever
6	181593	*Screw, Hex Hd, 5/16-24 x 5/8 In.	48	55240	Shift Plate
7	54585	Belt Guide	49	36602	Carriage Bolt, 1/4-20 x 5/8 In.
8	51195	Pulley, Engine, Wheel Drive	50	451814	*Screw, Tap, 5/16-18 x 5/8 In.
9	26401	Key, Woodruff, No. 405	51	50279	Mounting Plate Transmission
10	51362	Stud, 1/4-20 x 1 1/8 In.	52	50247	Transmission Support Assembly
11	54569	Flatwasher, 9/32 In.	53	57038	Carriage Bolt, 1/4-20 x 5/8 In.
12	50275	Belt Guide	54	35497	Screw, Hex Hd, 5/16-18 x 1/2 In.
13	9424215	Locknut, 1/4-20 Thd.	55	180126	*Screw, Hex Hd, 3/8-16 x 1 1/2 In.
14	54586	Belt Guide	56	51333	Screw, Wide Flange, 5/16-18 x 5/8 In.
15	51700	Spacer	57	50610	Pulley, Idler
16	45905	Locknut, Wide Flange, 3/8-16 Thd.	58	274517	*Flatwasher, 13/32 In.
17	51698	Bracket, Brake Return Spring	59	51283	Lever & Brake Pad Assembly
18	140880	*Screw, Al. Hd Set, No. 10-32 x 1/4 In.	60	41529	Locknut, Hex Jam, 3/8-16 Thd.
19	51662	Collar, Set	61	50182	Pulley, Idler
20	51701	Spring, Brake Return	62	50308	Screw, Hex Hd, 3/8-16 x 1 3/8 In.
21	51699	Rod, Brake	63	51281	Idler Arm Assembly
22	55288	Cover, Belt	64	454512	Pin, Spring, 3/16 x 3/4 In.
23	995346	*Screw, Hex Wa. Hd, 1/4-20 x 1/2 In.	65	57092	Spring
24	9417373	*Flatwasher, 13/64 In.	66	121222	Cotter Pin, 3/32 x 3/4 In.
25	35055	Screw, Hex Hd, No. 10-24 x 1/2 In.	67	56178	Pulley, Transmission
26	53266	Bearing, Impeller	68	180075	*Screw, Hex Hd, 5/16-18 x 5/8 In.
27	9413534	Locknut, 3/8-16 Thd.	69	9413447	Locknut, 5/16-18 Thd.
28	50285	Bracket, Chute Control	70	Transmission	Peerless, Model 794
29	51294	Extension, Belt Cover			See Footnote (†) Below
30	51290	Belt Guide, Lower	71	120386	*Flatwasher, 5/16 In.
31	45174	Locknut, Wide Flange, 5/16-18 Thd.	72	27324	Key, Hi-Pro, No. 606
32	Engine	See Footnote (§) Below	73	102883	*Set Screw, 5/16-18 x 3/4 In.
33	20270	Roller Chain Assembly	74	48388	Pulley, Impeller/Auger
34	20307	Link, Connector	75	51249	V-Belt, Wheel Drive
35	56041	Rear Frame Assembly	76	50272	V-Belt, Auger Drive
36	50480	Bracket, Drive Control	77	24167	Valve Stem
37	68408	Decal, Drive Control	78	41844	Wheel
38	56971	Axle & Sprocket Assembly	79	8770	Tire, Pneumatic
39	56037	Bearing	80	25177	*Flatwasher, 3/4 In.
40	46931	Locknut, Wide Flange, 1/4-20 Thd.	81	55186	Spacer
41	25072	Retainer, Bearing	82	180083	*Screw, Hex Hd, 5/16-18 x 1 1/2 In.
42	55188	Rod, Traction	83	120392	*Flatwasher, 9/32 In.

\*Standard Hardware Items - May Be Purchased Locally.

†Contact Tecumseh/Peerless authorized service dealer for parts and warranty.

§Contact Engine Manufacturer's authorized service dealer (See Engine Manual) for parts and warranty.

22" SNOW THROWER MODEL 5360-82



**22" SNOW THROWER MODEL 5360-82**

Key No.	Part No.	Description	Key No.	Part No.	Description
1	54619	Chute Assembly, Top	27	51404	Thrust Collar
2	69891	Decal, Chute	28	273336	Roll Pin, 3/16 x 1 1/4 In.
3	25840	Spring, Washer	29	32397	Bearing Needle
4	9413447	Locknut, 5/16-18 Thd.	30	50467	Auger Assembly, L.H.
5	180075	*Screw, Hex Hd, 5/16-18 x 5/8 In.	31	454565	Roll Pin, 1/4 x 1 1/4 In.
6	50236	Chute Assembly, Bottom	32	180077	*Screw, Hex Hd, 5/16-18 x 3/4 In.
7	180020	*Screw, Hex Hd, 1/4-20 x 3/4 In.	33	48606	Impeller Shaft, Assembly
8	54634	Chute Clip	34	50243	Impeller Assembly
9	9424215	Locknut, Hex, 1/4-20 Thd.	35	70143	Decal, Danger, Instruction
10	51380	Shear Bolt Kit	36	54576	Cover Assembly, Impeller
11	50468	Auger Assembly, R.H.	37	70141	Decal, Danger, Auger
12	55384	Gear Case Assembly	38	50213	Auger Housing End, L.H.
13	42619	Screw, Hex Wa. Hd, Tap, 3/8-16 x 1/2 In.	39	50351	Auger Cover & Scraper Assembly
14	271172	Keps Nut, 1/4-20 Thd.	40	180016	*Screw, Hex Hd, 1/4-20 x 1/2 In.
15	51278	Case, Gear, R.H.	41	51335	Locknut, Wide Flange, 1/4-20 Thd.
16	24274	Oil Seal	42	46824	Shoulder Bolt
17	50304	Bushing	43	50214	Auger Housing, End, R.H.
18	48275	Thrust Washer	44	25177	Flatwasher, 3/8 In.
19	51408	Shaft, Output	45	2380	Retaining Ring
20	51279	Gasket, Gear Case	46	44108	Locknut, Wide Flange, 5/16-18 Thd.
21	50221	Bushing	47	54423	Bearing
22	51405	Gear, Worm	48	57039	Carriage Bolt, 1/4-20 x 1/2 In.
23	51277	Case, Gear, L.H.	49	70142	Decal, Danger, Chute
24	446363	*Flatwasher, 3/8 In.	50	996407	Flatwasher, 5/16 In.
25	431787	Key, Woodruff No. 61	51	50215	Gage Wheel
26	55383	Input Shaft			

\*Standard Hardware Items - May Be Purchased Locally.

**SEE, CALL OR WRITE ONE OF THE FOLLOWING DISTRIBUTORS FOR PARTS FOR: HOMKO - LAWN SCOUT - AMF - TURFMASTER - DYNAMARK - OR ANY OTHER WESTERN INTERNATIONAL INCORPORATED PRODUCT.**

#### ALABAMA

**Automotive Elect. Service**, 415 Meridian St., Huntsville, AL 35801, (205) 539-2131, AL WATS 800-536-3394 \*b,c,f,g,h  
**Warlick-Miller A/C Eng.**, 630 N. 20th St., Bessemer, AL 35020, (205) 424-8288, AL WATS 800-292-8123  
MS WATS 800-292-4494 \*b,c,f,g,h

#### CALIFORNIA

**Billiou's**, 75 No. D, Porterville, CA 93257, (209) 784-4102 \*b,c,f,g,h  
**The Lawn Mower Shop**, 1340 El Camino Real, San Carlos, CA 94070, (415) 593-4716 \*a,d,f,g

#### COLORADO

**Spitzer Ind. Prod. Co.**, 6601 N. Washington, Thornton, CO 80229, (303) 287-3414 \*b,d,h

#### FLORIDA

**G.L.O. Products Inc.**, 13201 Belcher Rd. S., Largo, FL 33543, (813) 530-9723 \*a,c,h

**Radco Distributors Inc.** 4909 Victor St., Box 5459, Jacksonville, FL 322070459, (904) 733-7957 \*a,c,f,g,h

#### ILLINOIS

**Cox Tire & Battery**, 603 N. Market, Marion, IL 62959, (618) 993-2607  
IL WATS 800-642-4351 \*a,c,f,g,h  
**Garmoe Distr. Inc.**, 2620 N. Mannheim Road, Franklin Park, IL 60131, (312) 455-3588 \*a,c,f,g,h  
**Small Engine Parts**, 3515 Auburn St., Rockford, IL 61103, (815) 964-1754 \*b,c,f,g,h

#### INDIANA

**Thompson Sales & Service**, 2400 W. Ridge Road, Gary, IN 46408, (219) 980-3282 \*a,b,c,f,g,h

#### IOWA

**Bruce Engine**, 1829 N.W. 86th, Des Moines, IA 50322, (515) 278-5151 \*a,c,f,g,h

#### KANSAS

**Colladay Hdwe. Co.**, 201 N. Plum, Box 766, Hutchinson, KS 67501, (316) 663-4477 \*a,c

#### KENTUCKY

**Auto-Electric Inc.**, 715 W. Hwy 80, Box 671, Somerset, KY 42501, (606) 679-1171 \*c,f,g,h

**Cayce Mill Supply Co.**, 1st & Douglas St., Hopkinsville, KY 42240, (502) 886-3335 \*f,g,i

**Ellingsworth Auto Electric**, 1003-08 E. Broadway, Louisville, KY 40204 (Serving Southern Indiana), (502) 585-5055, KY WATS (800) 722-5061 \*b,c,f,g,h

#### LOUISIANA

**United Engine Service, Inc.**, 11923 Cloverland Ave., Baton Rouge, LA 70809, (504) 291-2622 \*a,d,f,g,h

#### MARYLAND

**Center Supply Co.**, 6867 New Hampshire Ave., Takoma Park, MD 20912, (301) 270-1690 \*b,c,f,g,h

**Kunkel Service Co.**, 6252 Frankford Ave., Baltimore, MD 21206, (301) 377-4008, MD WATS 800-492-8886 \*b,c,f,g,h

#### MASSACHUSETTS

**Morton B. Collins Co.**, 300 Birnie Ave., Box 70058, Springfield, MA 01107, (413) 732-7449 \*a,c,g,h

**Crandall-Hicks Co.**, 250 Eliot St., Ashland, MA 01721, (617) 881-6122 \*a,d

#### MICHIGAN

**Air Cooled Engine Div.**, 615 First St., Menominee, MI 49858, (906) 863-8011, MI WATS (906 area only) 800-562-4825 \*a,c,f,g,h

**The Factory Branch**, 440 E. Prospect, Jackson, MI 49203, (517) 783-3201 \*b,c,f,g,h

#### MINNESOTA

**Northern Automotive Co.**, 1401 W. Broadway, Minneapolis, MN 55411, (612) 522-6656 \*a,c,f,g,h

#### MISSISSIPPI

see Bessemer, Alabama

#### MISSOURI

**Gunther's Service & Supply**, 7320 Wornall Road, Kansas City, MO 64114, (816) 523-1952 \*a,f,g,h

**Wilson Engine & Parts Inc.**, 4159 Shoreline Drive., Jct. I-70 & 270, Earth City, MO 63045, (314) 739-1313, MO WATS 800-392-4063, WATS (outside MO only) 800-367-2787 \*a,b,d,f,g,h

#### NEW JERSEY

**Power Distributors, Inc.**, 102 Mayfield Ave., Edison, NJ 08837, (201) 225-4922 \*i

#### NEW YORK

**Loegler & Ladd Inc.**, 3950 Broadway, Box 214, Buffalo, NY 14225, (716) 684-0600 \*a,c

**Stiefvater Distr. Inc.**, Clinton Road, Route 12B, New Hartford, NY 13413, (315) 853-5581 \*a,c,f,g,h

#### NORTH CAROLINA

**Carswell Distr. Co.**, 3750 N. Liberty St., Box 4193, Winston-Salem, NC 27105, (919) 767-7700 \*g,i

**Dixie Sales Co., Inc.**, 335 N. Green, Box 1408, Greensboro, NC 27402, (919) 274-0490, NC WATS 800-632-1276 \*b,c,f,g,h

#### OHIO

**American Power Distr.**, 2430 Tremainsville Rd., Box 5815, Toledo, OH 43613, (419) 475-7261 \*f,g,h

**Small Engine Distr.**, 5250 N. Dixie, Box 1481, Dayton, OH 45414, (513) 278-8241 \*b,f,g,h

#### OKLAHOMA

**Albro's**, 2921 W. Hefner Rd., Oklahoma City, OK 73120, (405) 751-1711 \*a,c,f,g,h

#### PENNSYLVANIA

**Bluement Co.**, 11101 Frankstown Road, Pittsburg, PA 15235, (412) 242-2522 \*a,b,c,f,g,h

**Scranton Auto Ignition**, 1133 Wyoming Ave., Scranton, PA 18509, (717) 342-8133 \*b,c,f,g,h

#### SOUTH CAROLINA

**Magneto & Elect. Service**, 103 Assembly St., Columbia, SC 29201, (803) 771-4044, SC WATS 800-922-1118 \*a,c,f,g,h

#### TENNESSEE

**American Sales & Serv.**, 3035 Bellbrook Dr., Memphis, TN 38116, (901) 332-2210 \*a,d,f,g,h

**Chilton A/C Engines**, 319 4th Ave. S., Box 15806, Nashville, TN 37201, (615) 254-1634 \*b,c,f,g,h

**Ace Distr., Inc.**, 2103 E. Magnolia Ave., Box 3587, Knoxville, TN 37917, (615) 524-5359, TN WATS 800-332-9904 \*a,c,f,g,h

#### TEXAS

**Marr Bros. Inc.**, 423 E. Jefferson, Dallas, TX 75203, (214) 948-7387 \*a,c,f,g,h

**Midland Small Engine Sales**, 106 Carlton, Box 4215, Midland, TX 79704, (915) 682-1409 \*b,f,g,h

#### VIRGINIA

**Norva Small Engines**, 8120 E. Wellington Rd., Manassas, VA 22110, (703) 369-3387 \*a,c,f,g,h

**RBI Corporation**, 101 Cedar Ridge Rd., Lakeridge Park, Ashland, VA 23005, (804) 798-1535 \*a,c,f,g,h

#### WASHINGTON

**Pacific A/C Engine Inc.**, 4030 1st Ave. S., Box 84783, Terminal Annex, Seattle, WA 98124, (206) 682-4677 \*a,c,f,g,h

#### WISCONSIN

**Reliable Hdwe.**, 8010 N. 76th St., Milwaukee, WI 53223, (414) 355-2900 \*b,c,f,g,h

**Wiggert Brothers**, 3rd & Jay, Box 1267, La Crosse, WI 54601, (608) 784-4790 \*a,b,c,f,g,h

#### CANADA

**Sunterest Equipment Ltd.**, 5466 Timberlea Blvd., Mississauga, Ontario, Canada L4W 2T7, (416) 624-6200 \*g,i

**Yetman's Ltd.**, 949 Jarvis Ave., Winnipeg, Manitoba, Canada R2X 0A1, (204) 586-8046, WATS (Manitoba & Sask.) 800-665-8623 \*b,c,f,g

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#### (\*) General Information Codes:

- (a) Advance Payment Preferred
- (b) Accepts Credit Cards
- (c) C.O.D. okay
- (d) No. C.O.D.
- (e) C.O.D. only
- (f) Briggs & Stratton dealer or distributor
- (g) Tecumseh/Peerless dealer or distr.
- (h) Foote dealer or distributor
- (i) Dealer sales only, contact for closest dealer.