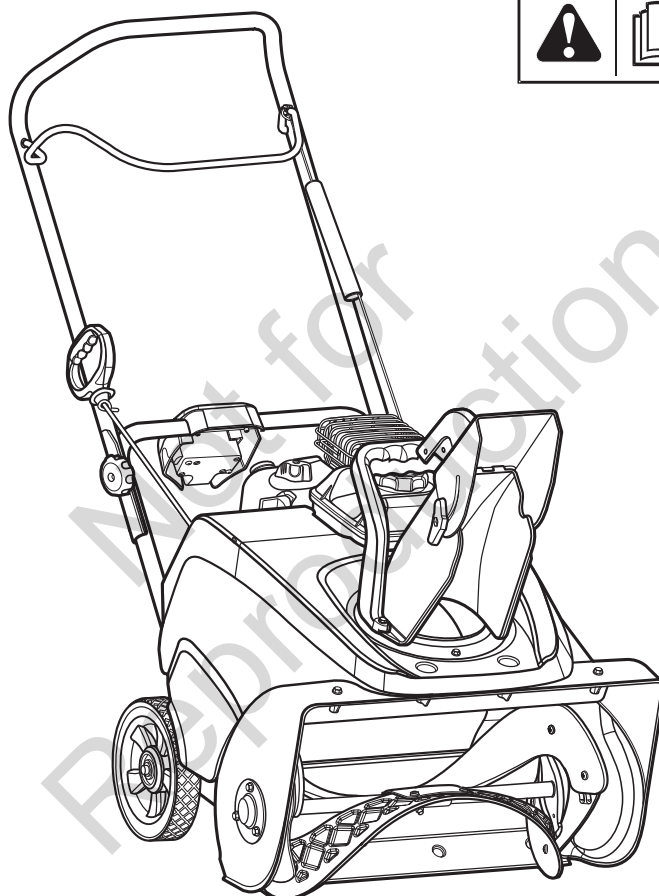




(en) **Operator's Manual**

(fr) **Manual de l'opérateur**



Single Stage Snowthrower

Model No. Description

1695885 Single Stage Snowthrower, 8.00 TP / 22 Inch

Souffleuse à neige mono-étagée

Modèle n° Description

1695885 Souffleuse à neige mono-étagée,
électrique, 8.00 C.B./22 pouces

General Information

Thank you for purchasing this quality-built MURRAY snowthrower. We're pleased that you've placed your confidence in our brand. When operated and maintained according to the instructions in this manual, your MURRAY product will provide many years of dependable service.

This manual contains safety information to make you aware of the hazards and risks associated with snowthrowers and how to avoid them. This snowthrower is designed and intended only for snow removal and is not intended for any other purpose. It is important that you read and understand these instructions thoroughly before attempting to start or operate this equipment. **Save these instructions for future reference.**

Product Identification Tag

Product Identification Tag	
	
Model / Modèle / Model	xxxxxxx
	
Serial / Série / Serie	xxxxxxxxx
Briggs & Stratton Power Products Group, L.L.C. Milwaukee, WI 53201 USA	

Product Reference Data

When contacting your authorized dealer for replacement parts, service, or information you MUST have these numbers.

Record your model name/number, manufacturer's identification numbers, and engine serial numbers in the space provided for easy access.

PRODUCT REFERENCE DATA	
Model Description Name/Number	
Unit SERIAL Number	
Dealer Name	Date Purchased
ENGINE Reference Data	
Engine Make	Engine Model
Engine Type/Spec	Engine Code/Serial Number

The Illustrated Parts List for this machine can be downloaded from **www.murray.com**. Please provide model and serial number when ordering replacement parts.

Briggs & Stratton Power Products Group, LLC
P.O. Box 702
Milwaukee, WI 53201-0702
1800-528-5087

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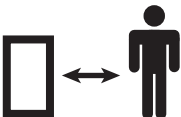



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NOTE: In these instructions, “left” and “right” are referenced from the operating position.

Operator Safety


Hazard Symbols and Meanings


	Read the Operator's Manual for operating and safety instructions
	Shutoff engine and remove key before performing maintenance and repair work
	Thrown Objects Hazard
	Fire Hazard
	Rotating Auger / Amputation Hazard
	Carbon Monoxide Poisoning Hazard
	Keep safe distance
	Electric Shock
	Rotating Impeller / Amputation Hazard
	Keep Children Away


Control Symbols on Equipment


	On / Off Key Switch
	Turn Choke Closed to Start
	Turn Choke Open to Run
	Push Primer 2 Times
	Plug in Extension Cord
	Push Button to Start
	Engage Auger
	Chute Rotation
	Cold Engine
	Hot Engine

Safety Alert Symbol and Signal Words

The safety alert symbol  and signal word (DANGER, WARNING, CAUTION, or NOTICE) is used to indicate the likelihood and potential severity of personal injury and/or damage to the product. In addition, a hazard symbol may be used to represent the type of hazard.

 **DANGER** indicates a hazard which, if not avoided, **will result in death or serious injury.**

 **WARNING** indicates a hazard which, if not avoided, **could result in death or serious injury.**

 **CAUTION** indicates a hazard which, if not avoided, **could result in minor or moderate injury.**

NOTICE indicates a situation that **could result in damage to the product.**

WARNING

Certain components in this product and its related accessories contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling.

WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

WARNING

- Hand contact with the rotating impeller inside the discharge chute is the most common cause of injury associated with snowthrowers.
- This snowthrower is capable of amputating hands and feet, and throwing objects. Read and observe all the safety instructions in this manual. Failure to do so could result in death or serious injury.

WARNING



Read, understand, and follow all the instructions on the snowthrower and in the operator's manual before operating this unit.

Failure to observe the safety instructions in this manual could result in death or serious injury.

- Be thoroughly familiar with the controls and the proper use of the snowthrower.
- Make sure you are properly trained before operating the snowthrower.
- Know how to stop the unit and disengage the controls quickly.
- Never allow anyone to operate the snowthrower without proper instruction.
- Always follow the instructions in the operator's manual, if the snowthrower will be stored for an extended period.
- Maintain or replace safety and instruction labels as necessary.
- Never attempt to make major repairs on the snowthrower unless you have been properly trained. Improper servicing of the snowthrower can result in hazardous operation, equipment damage, and voiding of the product warranty.



DANGER


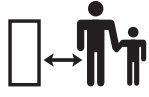




Discharge chute contains rotating impeller to throw snow. Never clear or unclog the discharge chute with your hands. Fingers can quickly become caught in the impeller. Always use a clean-out tool.

Failure to observe these safety instructions will result in traumatic amputation or severe laceration.

 DANGER	
	<p>Keep hands, feet, and clothing away from rotating parts. Rotating parts can contact or entangle hands, feet, hair, clothing, or accessories.</p> <p>Failure to observe these safety instructions will result in traumatic amputation or severe laceration.</p>
<ul style="list-style-type: none"> • Whenever cleaning, repairing, or inspecting the snowthrower, make sure the engine is OFF, spark plug wire is disconnected, and all moving parts have stopped. • Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times. • Never operate the snowthrower without proper guards, and other safety devices in place and working. • Never leave the snowthrower unattended while engine is running. Always disengage the auger and traction controls, stop engine, and remove keys. • Keep all loose clothing away from the front of the snowthrower and auger. Scarves, mittens, dangling drawstrings, loose clothes, and pants can quickly become caught in the rotating device and amputation will occur. Tie up long hair and remove jewelry. • Run the machine a few minutes after discharging snow to prevent freeze-up of the collector/impeller. • Disengage power to the collector/impeller when snowthrower is transported or not in use. 	

 DANGER	
	<p>Objects can be picked up by auger and thrown from chute. Never discharge snow toward bystanders or allow anyone in front of the snowthrower. Failure to observe these safety instructions will result in death or serious injury.</p>
<ul style="list-style-type: none"> • Always wear safety glasses or eye shields during operation, and while performing an adjustment or repair. • Always be aware of the direction the snow is being thrown. Nearby pedestrians, pets, or property may be harmed by objects being thrown. • Be aware of your environment while operating the snowthrower. Don't run over items such as gravel, doormats, newspapers, toys, and rocks hidden under snow, as they can all be thrown from the chute or jam in the auger. • Use extreme caution when operating on or crossing gravel drives, walks, or roads. • Adjust the collector housing height to clear gravel or crushed rock surface. • Never operate the snowthrower near glass enclosures, automobiles, window wells, drop-offs, and the like without proper adjustment of the discharge chute angle. • Familiarize yourself with the area in which you plan to operate the snowthrower. Mark off boundaries of walkways and driveways. 	

 DANGER	
	<p>Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the unit and the operating activity. Never assume the children will remain where you last saw them.</p>
<ul style="list-style-type: none"> • Keep children out of the area during operation. Children are often attracted to the equipment. Be mindful of all persons present. • Be alert and turn unit off if children enter the area. • Never allow children to operate the unit. • Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision. Children may be present. 	

 DANGER	
	<p>Engines give off carbon monoxide, an odorless, colorless, poison gas. Breathing carbon monoxide can cause nausea, fainting, or death.</p>
<ul style="list-style-type: none"> • Start and run engine outdoors. • Do not run the engine in an enclosed area, even if doors or windows are open. 	

WARNING



Fuel and its vapors are extremely flammable and explosive. Always handle fuel with extreme care.



Failure to observe these safety instructions can cause a fire or explosion which will result in severe burns or death.

WHEN ADDING FUEL

- Turn off engine and let cool at least 2 minutes before removing the fuel cap and adding fuel.
- Fill fuel tank outdoors or in a well ventilated area.
- Do not overfill the fuel tank. To allow for the expansion of gasoline, do not fill above the bottom of the fuel tank neck.
- Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.
- Check fuel lines, cap, and fittings frequently for cracks or leaks. Replace if necessary.
- Use an approved fuel container.
- If fuel spills, wait until it evaporates before starting engine.

WHEN STARTING ENGINE

- Ensure that spark plug, muffler, fuel cap, and air cleaner (if equipped) are in place and secured.
- Do not crank the engine with the spark plug removed.
- If fuel is spilled, do not attempt to start the engine, but move the snowthrower away from the area of the spill, and avoid creating any source of ignition, until the fuel vapors have dissipated.
- Do not over-prime the engine. Follow the engine starting instructions in this manual.
- If the engine floods, set choke (if equipped) to OPEN/RUN position, move throttle (if equipped) to FAST position and crank until engine starts.

WHEN OPERATING EQUIPMENT

- Do not tip the snowthrower at an angle which causes the fuel to spill.
- Do not choke the carburetor to stop the engine.
- Never run the engine with the air cleaner assembly (if equipped) or the air filter (if equipped) removed.

WHEN CHANGING OIL

- If you drain the oil from the top oil fill tube, the fuel tank must be empty or fuel can leak out and result in a fire or explosion.

WHEN TRANSPORTING EQUIPMENT

- Transport with fuel tank EMPTY, or with fuel shut-off valve OFF.

WHEN STORING GASOLINE OR EQUIPMENT WITH FUEL IN TANK

- Store away from furnaces, stoves, water heaters, or other appliances that have pilot light or other ignition source because they can ignite fuel vapors.

WARNING



Safe operation of the snowthrower requires the proper care and maintenance of the engine.

- Disengage all clutches and shift into neutral before starting the engine may cause personal injury.
- Let the engine adjust to outdoor temperatures before starting to clear snow.
- Use a grounded three-wire plug for all snowthrowers equipped with electric drive motors or electric starting motors.

WARNING



Starting engine creates sparking.
Sparking can ignite nearby flammable gases.
Explosion and fire could result.



- If there is natural or LP gas leakage in area, do not start engine.
- Do not use pressurized starting fluids because vapors are flammable.

WARNING





Running the engine produces heat. Engine parts, especially muffler, become extremely hot.



Failure to observe these safety instructions could result in severe thermal burns on contact.

- Never touch a hot engine or muffler. Allow muffler, engine cylinder, and fins to cool before touching.
- Remove debris from muffler area and cylinder area.
- Install and maintain in working order a spark arrester before using equipment on forest-covered, grass-covered, or brush-covered unimproved land.
- It is a violation of California Public Resource Code, Section 4442, to use or operate the engine on any forest-covered, brush-covered, or grass-covered land unless the exhaust system is equipped with a spark arrester, as defined in Section 4442, maintained in effective working order. Other states or federal jurisdictions may have similar laws. Contact the original equipment manufacturer, retailer, or dealer to obtain a spark arrester designed for the exhaust system installed on this engine.

 WARNING	
	<p>This snowthrower must be properly maintained to ensure safe operation and performance. Failure to observe the safety instructions in this manual could result in death or serious injury.</p>
<ul style="list-style-type: none"> • When performing any maintenance or repairs on the snowthrower, shut OFF the engine, disconnect spark plug wire, and keep the wire away from the plug to prevent someone from accidentally starting the engine. • Check shear bolts and other hardware at frequent intervals for proper tightness. • Keep nuts and bolts tight and keep snowthrower in good condition. • Never tamper with safety devices. Check their proper operation regularly and make necessary repairs if they are not functioning properly. • Components are subject to wear, damage, and deterioration. Frequently check components and replace with recommended parts, when necessary. • Check control operation frequently. Adjust and service as required. • Use only factory authorized replacement parts, or like, parts when making repairs. • Always comply with factory specifications on all settings and adjustments. • Use only factory authorized, or like, attachments and accessories such as wheel weights, counterweights, or cabs. • Never attempt to make any adjustments while the engine is running (except when specifically recommended by the factory). 	


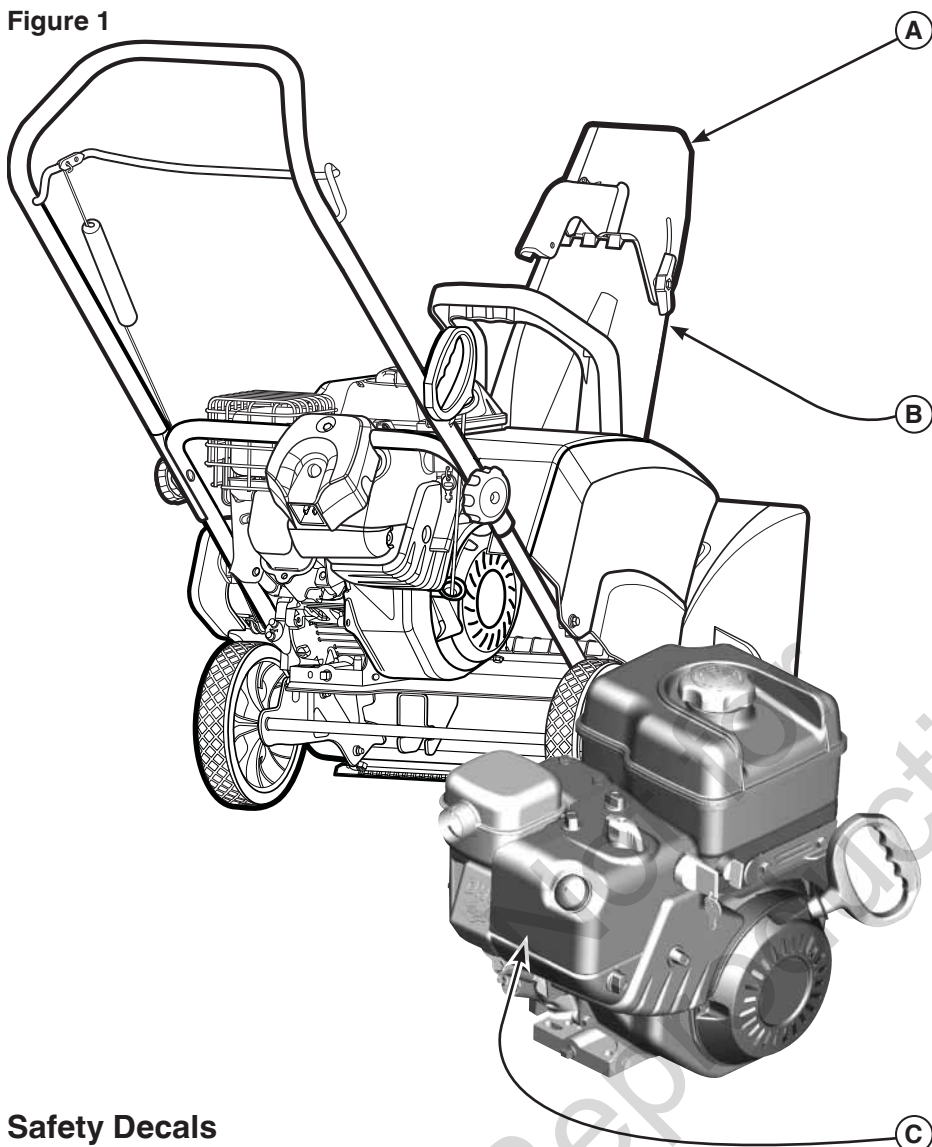
	<p>This snowthrower is only as safe as the operator. If it is misused, or not properly maintained, it can be dangerous. Remember you are responsible for your safety and those around you.</p>
<ul style="list-style-type: none"> • Keep the area of operation clear of all persons, particularly small children and pets. • Thoroughly inspect the area where the snowthrower will be used and remove all doormats, sleds, boards, wires, and other foreign objects. • Do not operate the snowthrower without wearing adequate winter clothing. • Wear footwear that will improve footing on slippery surfaces. • Use caution to avoid slipping or falling especially when operating the snowthrower in reverse. • Never operate the snowthrower without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. • Do not clear snow across the face of slopes. Use extreme caution when changing direction on slopes. Do not attempt to clear steep slopes. • Do not overload the machine capacity by attempting to clear snow too quickly. • Never operate the snowthrower at high transport speeds on slippery surfaces. Look behind the snowthrower and use care when operating in reverse. • Do not use the snowthrower on surfaces above ground level such as roofs of residences, garages, porches, or other such structures or buildings. • Operators should evaluate their ability to operate the snowthrower safely enough to protect themselves and others from injury. • The snowthrower is intended to remove snow only. Do not use the snowthrower for any other purpose. • Do not carry passengers. • After striking a foreign object, shut OFF the engine, disconnect the cord on electric motors, thoroughly inspect the snowthrower for any damage, and repair the damage before restarting and operating the snowthrower. • If the snowthrower vibrates abnormally, shut OFF the engine. Vibration is generally a warning of trouble. See an authorized dealer if necessary for repairs. • For models equipped with electric starting motors, disconnect the power cord after the engine starts. 	

Figure 1



DANGER

Amputation hazard
Contact with moving parts inside chute will cause serious injury.

- Shut off engine before unclogging discharge chute.
- Use clean-out tool, not hands!

Risque d'amputation
Tout contact avec des pièces en mouvement à l'intérieur de la goulotte provoquera de graves blessures.

- Arrêter le moteur avant de dégager la goulotte d'éjection.
- Utiliser l'outil de dégagement, pas les mains!

1737865

DANGER

Shut off engine and remove key before performing maintenance or repair work.		Arrêter le moteur et retirer la clé avant d'effectuer tout entretien ou toute réparation.
Read the operator's manual for operating and safety instructions.		Lire les consignes de sécurité et d'utilisation dans le manuel d'utilisation.
Thrown Objects Hazard • Never direct discharge chute towards persons or property.		Danger objets projetés • Ne jamais diriger la chute en direction des personnes ou biens matériels.
Amputation Hazard • Contact with auger will cause serious injury. • Keep hands, feet and clothing away. • Keep bystanders away.		Risque d'amputation • Tout contact avec la tarière provoquera de graves blessures. • Tenir vos pieds, vos mains et vêtements à distance. • Tenir les spectateurs à distance.

This spark ignition system complies with the Canadian standard CSZ-002.
Ce système d'allumage par étincelle est conforme à la norme NEMA 2502 du Canada.

1739966

Safety Decals

Before operating your snowthrower, read the safety decals installed on your snowthrower. The cautions and warnings are for your safety. To avoid a personal injury or damage to your snowthrower, understand and follow all the safety decals.

If any safety decals become worn or damaged and cannot be read, order replacement decals from your local dealer.

A — Part No. 1737865 Chute Danger Decal

B — Part No. 1739966 Auger Danger Decal

C — Part No. 279655 Choke / Control Warning Decal

WARNING

Fire Hazard • Gasoline is flammable. Allow engine to cool at least 2 minutes before refueling.		Fuego de riesgo • L'essence est inflammable. Laisser refroidir le moteur pendant au moins 2 minutes avant de faire le plein.
Carbon Monoxide Poisoning Hazard • Engines emit carbon monoxide. DO NOT run in enclosed area.		Intoxicación por monóxido de carbono de riesgo • Les moteurs émettent du monoxyde de carbone. NE PAS faire tourner le moteur dans des espaces clos.

Features and Controls

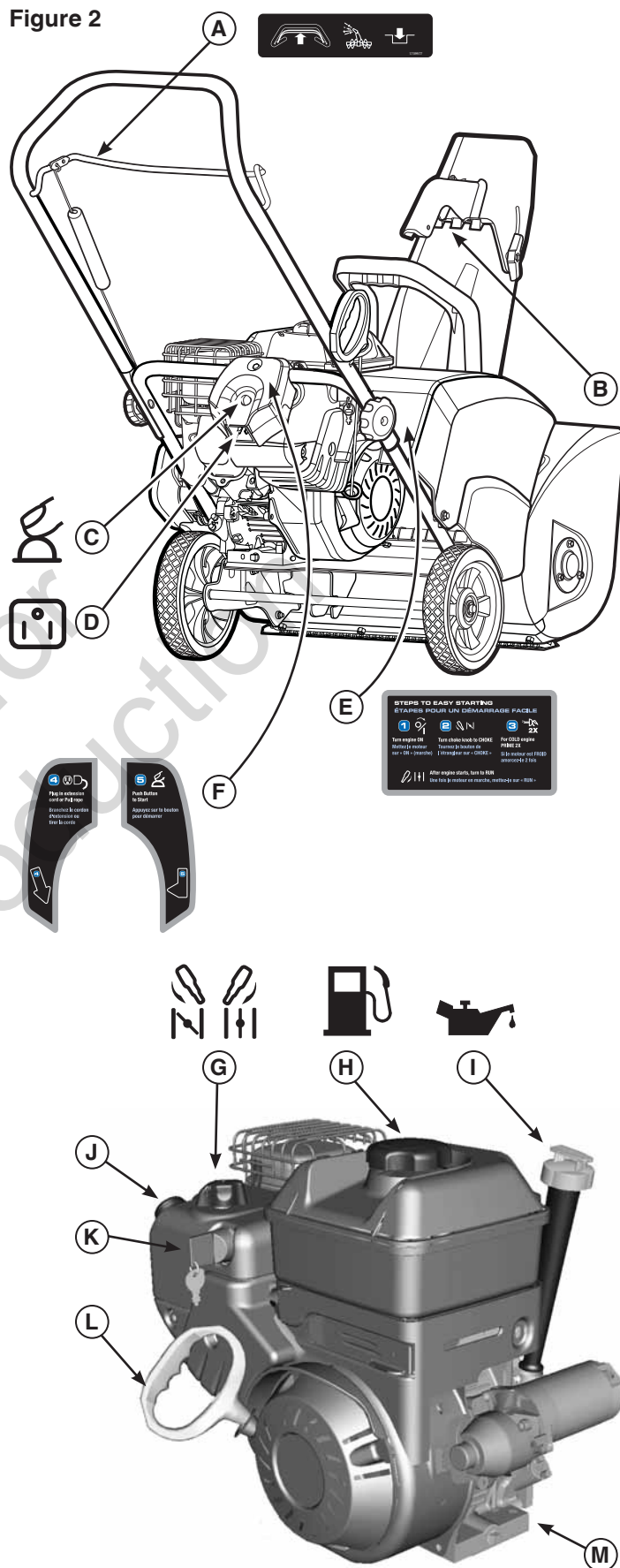
Snowthrower Controls and Operation Decals (Figure 2)

- A** — Auger Control
- B** — Deflector Control Lever
- C** — Electric Start Button
- D** — Power Cord Receptacle
- E** — Starting Instructions / Steps 1-3
- F** — Starting Instructions / Step 4 & 5

Engine Controls

- G** — Choke Control Knob
- H** — Fuel Tank and Cap
- I** — Oil Fill Cap (Extended Dipstick)
- J** — Primer Button
- K** — ON/OFF or Push/Pull Key (As equipped)
- L** — Starter Cord Handle
- M** — Oil Drain

Figure 2



⚠ WARNING

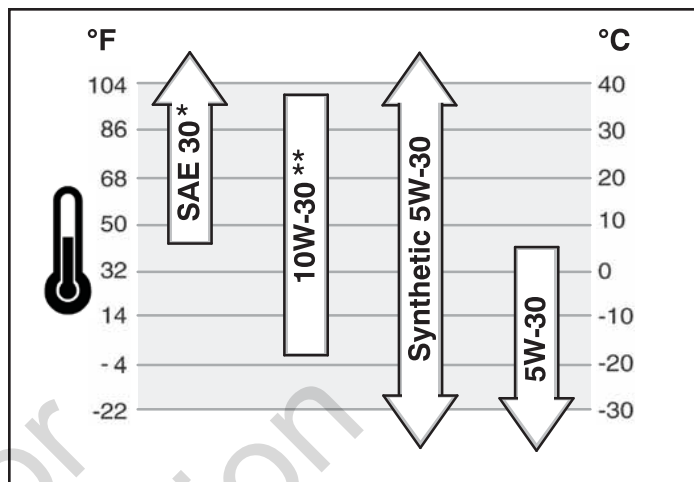


The operation of any snowthrower can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields before beginning snowthrower operation.

Check / Add Oil

NOTICE: The engine was shipped from the factory without oil. Before you start the engine, make sure you add oil according to the instructions in this manual. If you start the engine without oil, it will be damaged beyond repair and will not be covered under the warranty.

1. Make sure the unit is level. Use a high quality detergent oil classified "For Service SG, SH, SJ, SL, or higher". Synthetic 5W30 motor oil is acceptable for all temperatures. DO NOT mix oil with gasoline. See Chart for oil recommendations.
2. Remove the oil fill cap/dipstick (**A**, Figure 3) and wipe with a clean cloth.
3. Insert the cap/dipstick and turn clockwise to tighten.
4. Remove the oil fill cap/dipstick and check the oil.
5. If necessary, add oil until the level reaches the **FULL** mark on the oil fill cap/dipstick. Do not overfill.
6. Tighten the cap/dipstick securely.



* Below 40°F (4°C) the use of SAE 30 will result in hard starting.

** Above 80°F (27°C) the use of 10W-30 may cause increased oil consumption. Check oil level more frequently.

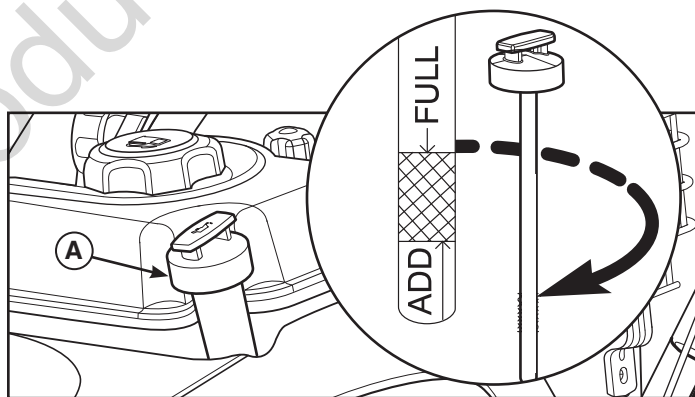


Figure 3

Fuel Recommendations

Fuel must meet these requirements:

- Clean, fresh, unleaded gasoline.
- A minimum of 87 octane/87 AKI (91 RON). High altitude use, see below.
- Gasoline with up to 10% ethanol (gasohol) or up to 15% MTBE (methyl tertiary butyl ether) is acceptable.

NOTICE: Do not use unapproved gasoline, such as E85. Do not mix oil in gasoline or modify the engine to run on alternate fuels. This will damage the engine components and void the engine warranty.



To protect the fuel system from gum formation, mix a fuel stabilizer into the fuel. All fuel is not the same. If starting or performance problems occur, change fuel providers or change brands. This engine is certified to operate on gasoline. The emissions control system for this engine is EM (Engine Modifications).

High Altitude

At altitudes over 5,000 feet (1524 meters), a minimum 85 octane/85 AKI (89 RON) gasoline is acceptable. To remain emissions compliant, high altitude adjustment is required. Operation without this adjustment will cause decreased performance, increased fuel consumption, and increased emissions. See a Briggs & Stratton Authorized Dealer for high altitude adjustment information.

Operation of the engine at altitudes below 2,500 feet (762 meters) with the high altitude kit is not recommended.

Add Fuel

 WARNING	
	Fuel and its vapors are extremely flammable and explosive. Fire or explosion can cause severe burns or death.
When Adding Fuel <ul style="list-style-type: none">• Turn engine off and let engine cool at least 3 minutes before removing the fuel cap.• Fill fuel tank outdoors or in well-ventilated area.• Do not overfill fuel tank. To allow for expansion of the fuel, do not fill above the bottom of the fuel tank neck.• Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.• Check fuel lines, tank, cap, and fittings frequently for cracks or leaks. Replace if necessary.• If fuel spills, wait until it evaporates before starting engine.	

1. Clean the fuel cap area of dirt and debris. Remove the fuel cap (**A**, Figure 4).
2. Fill the fuel tank with fuel. To allow for expansion of the fuel, do not fill above the bottom of the fuel tank neck.
3. Reinstall the fuel cap.

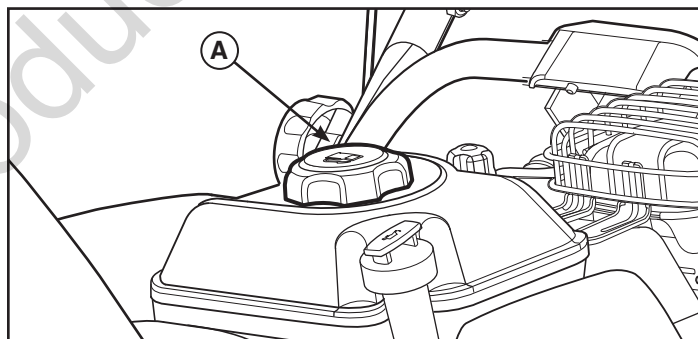



Figure 4

Start the Engine

⚠ WARNING	
	<p>The electric starter is equipped with a three-wire power cord and plug designed to operate on AC household current. The power cord must be properly grounded at all times to avoid the possibility of electric shock.</p>
<p>If your house does not have a three-wire grounded system, do not use this electric starter. Contact a licensed electrician for installation of a three-wire grounded system.</p>	

⚠ WARNING	
<p>Always connect the power cord first to the switch box located on the equipment and then plug the other end into a grounded receptacle. After starting, disconnect the power cord from the grounded receptacle first.</p>	

Be sure that engine oil is at FULL mark on the oil fill cap/dipstick. The snowthrower engine is equipped with an AC electric starter and recoil starter. Before starting the engine, be certain that you have read the following information.

If engine floods, set the choke to the OPEN/RUN position and crank until the engine starts.

Start the engine as follows:

1. Check the oil level. See the Check/Add Oil section.
2. Make sure auger control is disengaged.
3. Insert the ON/OFF key (A, Figure 5) and turn to the ON position or insert the Push/Pull key, if equipped.
4. Turn the choke knob (B) fully clockwise if engine is cold.
NOTE: Do not use the choke to start a warm engine.
5. Push the primer button (C) two times.

NOTE: Do not use the primer to start a warm engine.

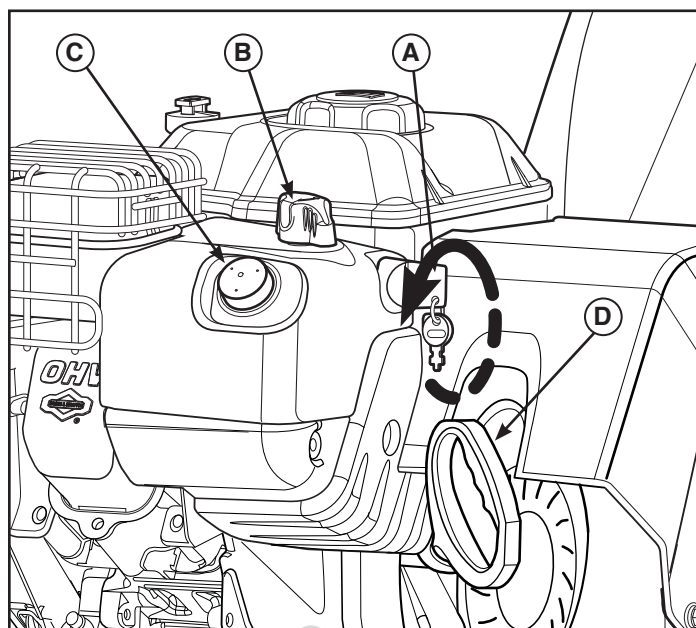



Figure 5

⚠ WARNING	
	<p>Rapid retraction of the starter cord (kickback) will pull your hand and arm toward the engine faster than you can let go.</p>
<p>Broken bones, fractures, bruises, or sprains could result. When starting engine, pull the starter cord slowly until resistance is felt and then pull rapidly to avoid kickback.</p>	

6. Rewind Start: Firmly hold the starter cord handle (D, Figure 5). Pull the starter cord slowly until resistance is felt, then pull rapidly.

NOTE: If the engine does not start after three attempts, see the Troubleshooting section in the Engine Manual.

WARNING



If the extension cord is damaged, it must be replaced by the manufacturer (or its service agent) or a similarly qualified person to avoid a hazard.

7. **Electric Start:** First connect the extension cord (E, Figure 6) to the power cord receptacle (F) and then into a wall receptacle. If additional extension cord is required, make sure it is three-wire.
8. **Electric Start:** Depress the starter push button (G). After you start the engine, first disconnect the extension cord from the wall receptacle and then from the power cord receptacle.

Important: To extend the life of the starter, use short starting cycles (five seconds maximum). Wait one minute between starting cycles.

NOTE: If the engine does not start after three attempts, see the Troubleshooting section in the Engine Manual.

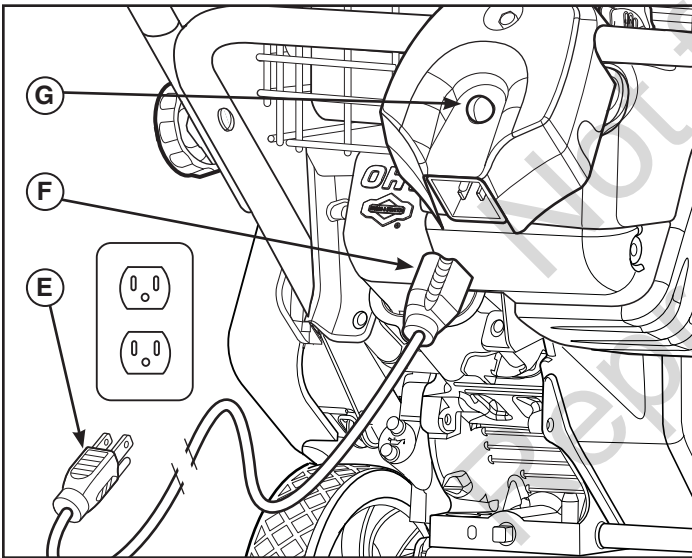


Figure 6

Stop the Engine

WARNING



Gasoline and vapors are extremely flammable and explosive. Fire or explosion can cause severe burns or death. DO NOT choke the carburetor to stop the engine.

Before stopping the engine, allow it to idle for a few minutes to help dry off any moisture.

1. Turn the ON/OFF or Push/Pull key (A, Figure 7) to the OFF position and remove or pullout the Push/Pull key if equipped.
2. Keep the ON/OFF or Push/Pull key out of the reach of children. The engine cannot be started without the ON/OFF or Push/Pull key.

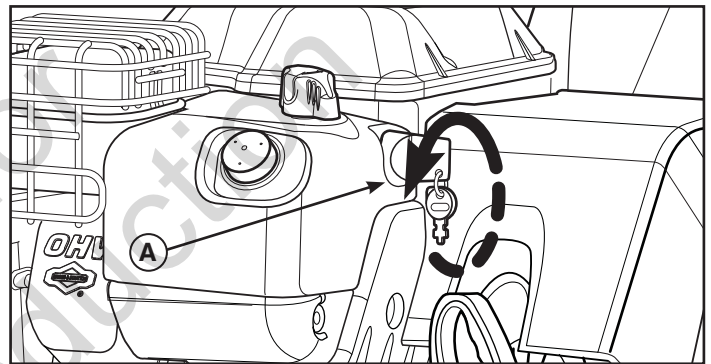



Figure 7

Operate the Snowthrower

⚠ WARNING	
	<p>Before operating, make sure the area in front of the snowthrower is clear of bystanders or obstacles.</p>

DO NOT discharge snow toward a building as hidden objects could be thrown with sufficient force to cause damage.

1. Start the engine. See Start the Engine in this section.
2. Adjust the direction and angle of the discharge chute (A, Figure 8). See Discharge Chute and Deflector in this section.
3. Fully press and hold the auger control (B) to engage the auger rotation. Releasing the auger control lever will disengage the auger.

3. Push the unit into the snow.

Note: When clearing wet, heavy, snow, reduced your speed, maintain full throttle, and clear less than the full width of the unit.

4. Tip the handle bars (C) forward slightly. This will cause the snowthrower to pull itself forward.

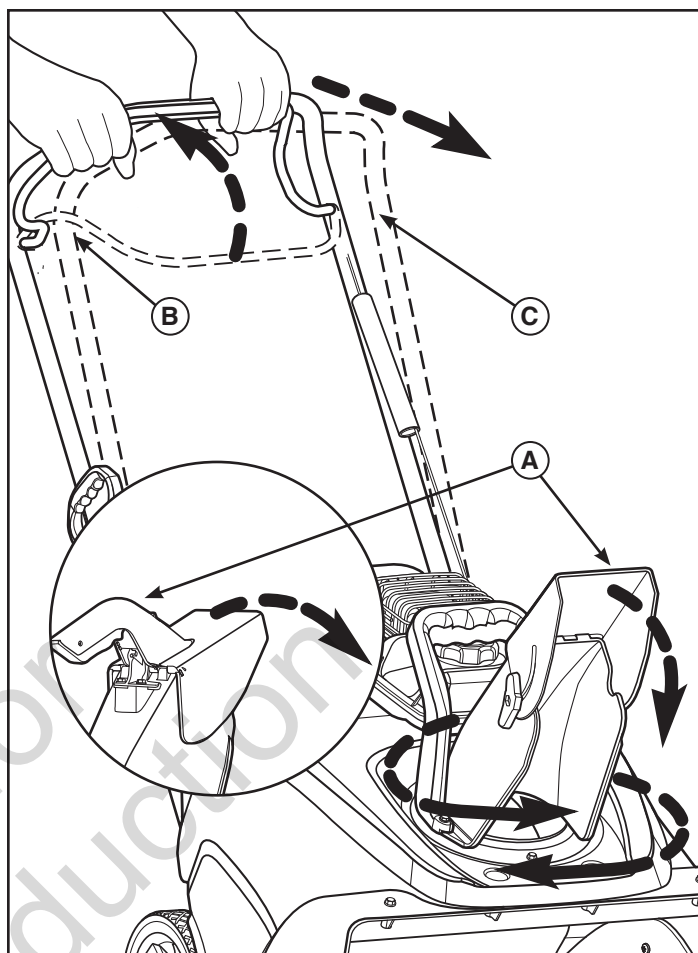


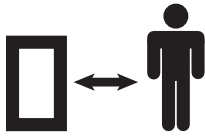





Figure 8

Stop the Snowthrower

 WARNING	
  	
<p>Read Operator's Manual before operating machine. This machine can be dangerous if used carelessly.</p> <ul style="list-style-type: none"> • Never operate the snowthrower 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. • Disconnect spark plug before unclogging the impeller housing or the discharge chute and before making repairs or adjustments. • When leaving the machine, remove the safety key. To reduce the risk of fire, keep the machine clean and free from spilled gas, oil, and debris. 	

 WARNING	
	<p>Never run engine indoors or in an enclosed, poorly ventilated area. Engine exhaust contains CARBON MONOXIDE, an ODORLESS and DEADLY GAS.</p>
<ul style="list-style-type: none"> • Keep hands, feet, hair, and loose clothing away from any moving parts on engine and snowthrower. • Temperature of muffler and nearby areas can exceed 150°F (66°C). Avoid these areas. • DO NOT allow children to operate or be near snowthrower while it is operating. 	

1. Release the auger control (A, Figure 9).
2. Turn the ON/OFF switch (B) to the OFF position and remove or pull out PUSH/PULL key.

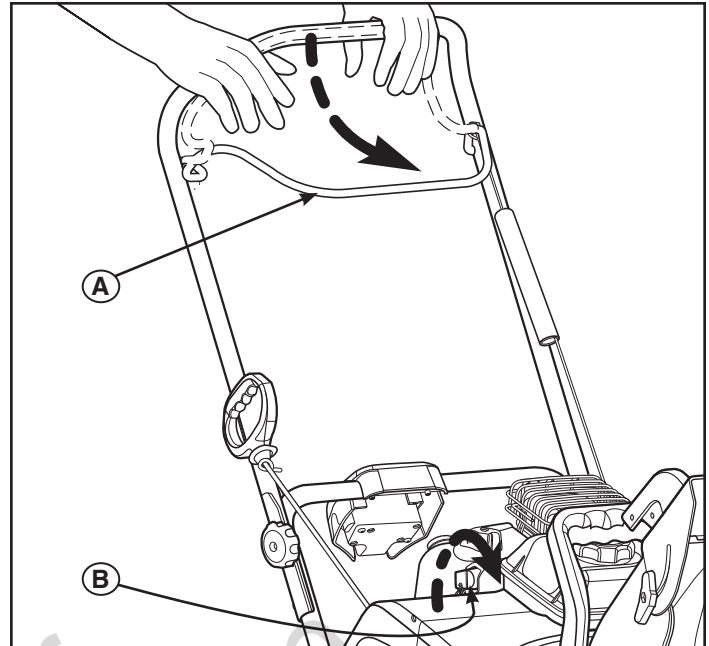






Figure 9

Stop the Snowthrower

 WARNING	
	<p>Never run engine indoors or in an enclosed, poorly ventilated area. The discharge chute contains a rotating auger to throw snow. Never clear or unclog the discharge chute with your hands.</p>
<p>Fingers can quickly become caught and traumatic amputation or severe laceration will result. Always use a clean-out tool to clear or unclog the discharge chute.</p>	

 WARNING	
	<p>Hand contact with the rotating auger inside the discharge chute is the most common cause of injury associated with snowthrowers.</p>
<ul style="list-style-type: none"> • This snowthrower is capable of amputating hands and feet, and throwing objects. Read and observe all the safety instructions in this manual. Failure to do so will result in death or serious injury. 	

Test - Auger/Impeller

1. Start unit and engage auger control (A, Figure 9).
2. Release auger control.
3. Auger must stop in 5 seconds or less

Discharge Chute and Deflector

Manual Chute Rotation

Grasp the chute handle (A, Figure 10) in the deflector handle and rotate the discharge chute to the left, right, or any forward position. A tension plate holds the chute in the desired position.

Note: DO NOT use the chute handle to lift the unit.

Remote Chute Rotation (if equipped) - Not pictured

1. Squeeze and hold the button (B, Figure 10, inset).
2. Push the handle forward to rotate the chute counterclockwise or pull the handle backwards to rotate the chute clockwise
3. Release the button to hold the desired chute location.

Note: Do not use excessive force when trying to operate frozen controls. Clean off any snow and ice from the base of the chute.


Manual Deflector Adjustment

Loosen the deflector wing knob (C, Figure 10) and adjust the deflector up or down to control the snow discharge height and distance. Tighten the wing knob securely to hold the desired deflector adjustment.

Quick Deflector Adjustment (if equipped)

Squeeze the trigger (B, Figure 10, inset) in the deflector handle and adjust the deflector up or down to control the snow discharge height and distance. Release the trigger to hold the desired deflector adjustment.

Clear a Clogged Discharge Chute

⚠ WARNING	
	<p>Hand contact with the rotating impeller inside the discharge chute is the most common cause of injury associated with snowthrowers. Never clear or unclog discharge chute with your hands, or while engine is running.</p>
<p>Fingers can quickly become caught and traumatic amputation or severe laceration can result.</p>	

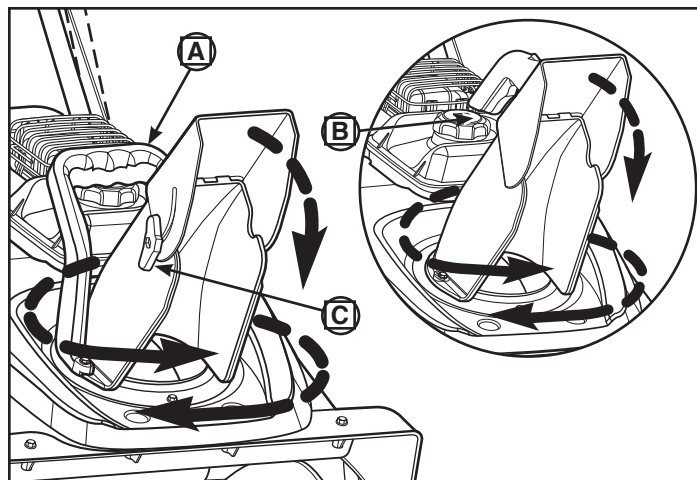


Figure 10

Operating Tips

1. Most efficient snow removal is accomplished when snow is removed immediately after it falls.
2. For complete snow removal, slightly overlap each swath previously taken.
3. Snow should be discharged downwind whenever possible.
4. On gravel or crushed rock surfaces, push down slightly on the handle bars to avoid ingesting rocks. DO NOT allow rocks and gravel to be picked up and thrown from snowthrower.
5. After the snow removal has been completed, allow the engine to run for a few minutes, to melt accumulated snow and ice.
6. Clean the snowthrower thoroughly after each use.
7. Before starting snowthrower, always inspect auger for ice accumulation and/or debris, which could result in snowthrower damage.
8. Check oil level before every start. Make sure the oil is at the FULL mark on the oil fill cap/dipstick.

1. SHUT OFF THE ENGINE!
2. Wait 10 seconds to be sure that the impeller blades have stopped rotating.
3. Use a clean-out tool to remove snow from the auger housing.

Snowthrower
After Each Use
Remove accumulated snow and slush from the unit to prevent freezing of controls
Every 8 Hours or Daily
Perform impeller safety tests
Every 25 Hours or Annually
Check snowthrower for loose hardware
Adjust auger control cable if necessary
See Dealer Annually to
Ensure rubber auger wear is not affecting performance

Engine
First 5 Hours
Change oil
Every 8 Hours or Daily
Check engine oil level
Every 50 Hours or Annually
Change engine oil
Check muffler and muffler guard.
Annually
Replace spark plug
Check valve clearance *

* Not required unless problems are noted with engine performance. See authorized dealer.

Emissions Control Statement

Maintenance, replacement, or repair of the emissions control devices and systems may be performed by any non-road engine repair establishment or individual. However, to obtain "no charge" emissions control service, the work must be performed by a factory authorized dealer. See the Emissions Warranty.

Change the Oil

Remove Oil

Used oil is a hazardous waste product and must be disposed of properly. Do not discard with household waste. Check with your local authorities, service center, or dealer for safe disposal / recycling facilities.

1. With engine off but still warm, disconnect the spark plug wire (A, Figure 11) and keep it away from the spark plug.

Note: To access the spark plug wire, you must first remove the snow hood from the engine. See Replace the Spark Plug in this section.

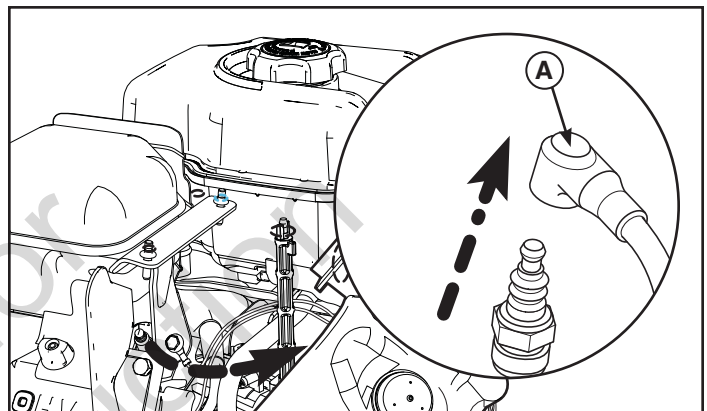


Figure 11

2. Tilt the unit back slightly, then remove the oil drain cap (B, Figure 12). Drain the oil into an approved receptacle.
3. After the oil has drained, install and tighten the oil drain cap.

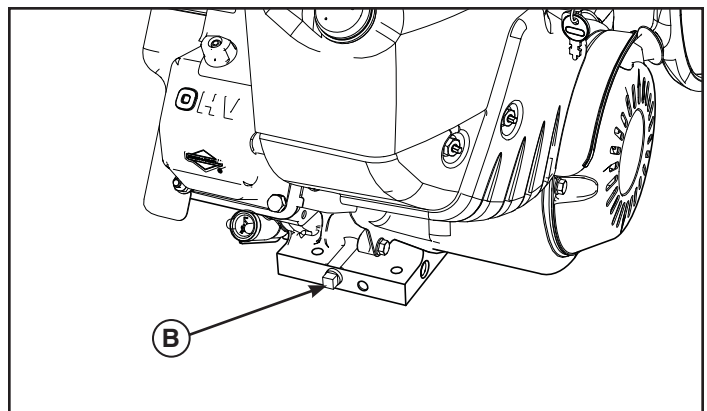


Figure 12

Add Oil

1. Place engine level.
2. Clean the oil fill area of any debris.
3. See Specification section for oil capacity.
4. Remove the dipstick (C, Figure 13) and wipe with clean cloth.
5. Pour the oil slowly into the engine oil fill (D). DO NOT overfill. Wait one minute and recheck the oil level.
6. Install and tighten dipstick.
7. Remove the dipstick and check the oil level. It should be at the top of the full indicator (E) on the dipstick.
8. Install and tighten dipstick.

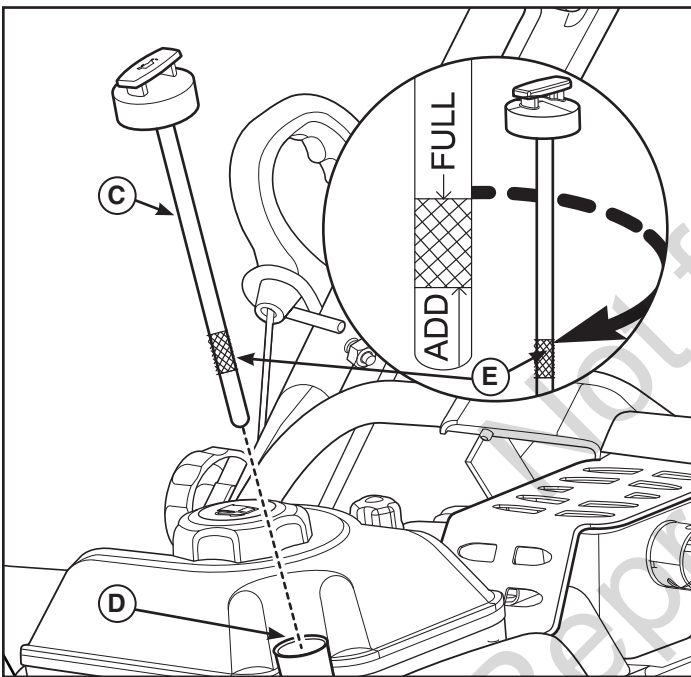


Figure 13

Access the Spark Plug

To access the spark plug, the snow hood must be removed as follows:

1. Remove the ON/OFF key (A, Figure 14) or pull out the ON/OFF switch or Push/Pull key. Keep the key away from children.
2. Grasp the choke control (B) and pull up to remove.
3. Remove the mounting screws (C).
4. Carefully remove the top part of the snow hood (D). DO NOT disconnect the primer hose (E) or the key wire (F).
5. Remove the spark plug (G) and replace. (See Specifications).

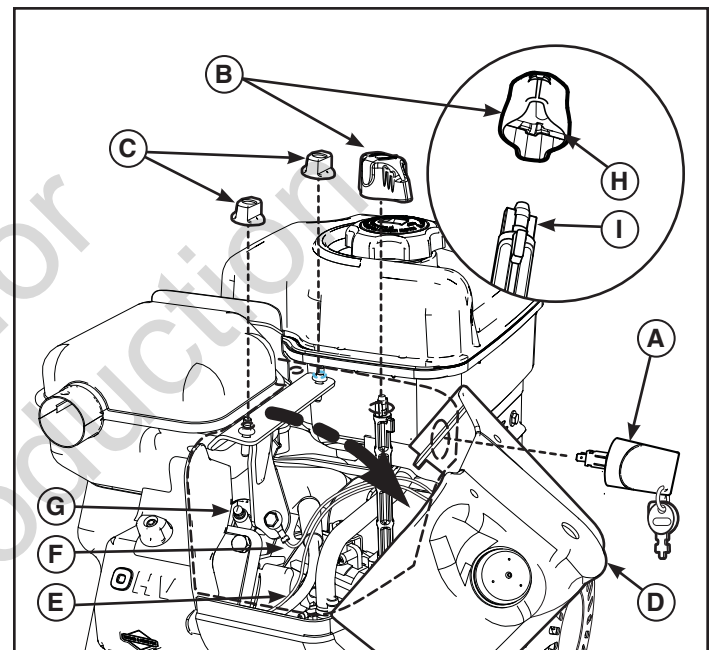


Figure 14

6. Before installation of the snow hood, make sure the primer hose and the key wire are connected.
7. Mount the top of the snow hood to the snow hood base. Make sure the top interlocks with the base. Secure with mounting screws.
8. Align the slots (H, Figure 14, Inset) in the choke knob with the tabs on the choke shaft (I) and push down to install. If knob is not installed correctly, the choke will not operate.
9. DO NOT install the ON/OFF or Push/Pull key until you are ready to start the engine.

Auger Cable Adjustment

WARNING

Do not over-tighten, as this may lift the lever and cause the auger drive to be engaged without depressing the auger drive control.

WARNING

The auger must stop within 5 seconds after releasing the control. If it does not, see an authorized dealer.

If the auger no longer turns when the control is engaged, or if the belt slips under load, the auger cable or belt may have stretched. This can be compensated for by adjusting the auger cable. If the belt is too worn or broken, see your authorized dealer for repair.

Notice: The auger must not turn unless the auger control is engaged. The auger must disengage within 5 seconds after the auger control is released. If it does not, see your authorized dealer before further use.

Inspection

1. Start the engine.
2. Engage the auger control. The auger should turn.
3. Release the auger control. The auger should stop within 5 seconds.

If the auger does not turn or stop as indicated above, perform the adjustment procedure, or take the unit to your local authorized dealer for repair.

Adjustment

1. Turn off the engine and remove the key. Wait for all moving parts to stop.
2. Slide the cable cover (**A**, Figure 15) up to expose the cable adjustment loops (**B**) and Z-bend (**C**).
3. Disengage the cable Z-bend from the cable loops, and install it in the next highest loop to increase belt tension. Slide the cable boot back into place.

Note: There must be some slack in the cable when the control is released.

4. Keeping clear of the auger, reinsert the key, start the engine, and perform the Inspection procedure again. If the auger does not turn or stop as indicated, take the unit to your local authorized dealer for repair.

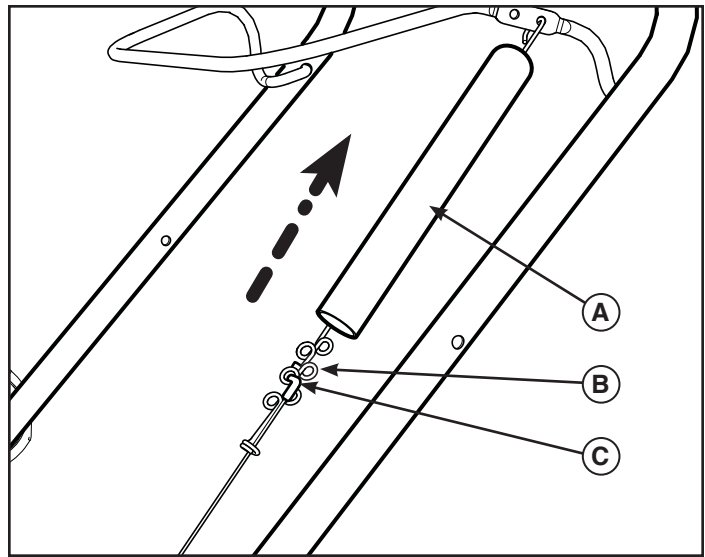




Figure 15

Storage

 WARNING	
	<p>Fuel and its vapors are extremely flammable and explosive.</p> <p>Fire or explosion can cause severe burns or death.</p>
<p>When Storing Fuel or Equipment with Fuel in Tank</p> <ul style="list-style-type: none"> • Store away from furnaces, stoves, water heaters or other appliances that have pilot lights or ignition sources because they can ignite fuel vapors. 	

Fuel System

Fuel can become stale when stored over 30 days. Stale fuel causes acid and gum deposits to form in the fuel system or on essential carburetor parts. To keep fuel fresh, use Briggs & Stratton FRESH START® fuel stabilizer, available as a liquid additive or a drip concentrate cartridge.

There is no need to drain the gasoline from the engine if a fuel stabilizer is added according to the instructions. Run the engine for 2 minutes to circulate the stabilizer throughout the fuel system. The engine and fuel can be stored up to 24 months.

If gasoline in the engine has not been treated with a fuel stabilizer, it must be drained into an approved container. Run the engine until it stops from lack of fuel. The use of a fuel stabilizer in the storage container is recommended to maintain freshness.

Engine Oil

While the engine is still warm, change the engine oil.

Snowthrower

1. Thoroughly clean the snowthrower.
2. Lubricate all lubrication points (see authorized dealer).
3. Make sure all nuts, bolts, and screws are securely fastened. Inspect all visible moving parts for damage, breakage, and wear. Replace if necessary.
4. Touch up all rusted or chipped paint surfaces.
5. Cover the bare metal parts of the auger and impeller with rust preventative.
6. If possible, store your snowthrower indoors and cover it to protect from dust and dirt.
7. On models with folding handles, loosen the knobs that secure the upper handle. Rotate the upper handle forward.
8. If stored outdoors, place the snowthrower on blocks and ensure the entire machine is off the ground. Cover the snowthrower with a heavy tarpaulin.

Remove from Storage

1. Raise the upper handle to the operating position and tighten the knobs that secure the upper handle.
2. Fill the fuel tank with fresh fuel.
3. Check the spark plug. Make sure the gap is correct. If the spark plug is worn or damaged, replace.
4. Make sure all fasteners are tight.
5. Make sure all guards, shields, and covers are in place.

Troubleshooting

PROBLEM	LOOK FOR	REMEDY
Auger does not stop within 5 seconds after control lever is released.	Auger control cable out of adjustment	Adjust auger control cable. Refer to "Cable Adjustment" in the Maintenance section of this manual. If the auger does not stop within 5 seconds, see authorized dealer for repair.
Discharge chute or deflector does not work (remote-manual).	Discharge chute or deflector needs lubrication.	See authorized dealer.
	Discharge chute or deflector is frozen .	Put snowthrower in heated garage or let unit run for a few minutes or clean off any snow and ice from the base of the chute.
Engine does not start.	Key is off or not installed.	Turn key in to the ON position.
	Primer not pressed.	Press primer button twice and start.
	Frozen engine	Put snowthrower in heated garage to unfreeze engine.
	Out of fuel.	Fill fuel tank.
	Choke open - cold engine.	Turn choke to closed, then press primer and start engine.
	Engine flooded.	Turn choke to open; crank the engine repeatedly until it starts.
	No spark.	Connect spark plug wire or replace spark plug.
	Water in fuel, or old fuel.	Drain tank. (Dispose of fuel at an authorized hazardous waste facility.) Fill with fresh fuel.
	Cord not plugged in or circuit breaker tripped (Electric Start models).	Plug in cord or replace defective cord; reset circuit breaker.
Engine starts hard or runs poorly.	Fuel mixture too rich.	Move choke to OPEN position.
	Spark plug faulty, fouled, or gapped incorrectly.	Clean and re-gap spark plug or see authorized dealer.
	Fuel cap vent is blocked.	Clear vent.
Excessive vibration.	Loose parts or damaged auger.	Stop engine immediately. See authorized dealer.
Scraper bar does not clean hard surface.	Excessive snow left behind.	See authorized dealer to determine if replacement scraper bar is necessary.
	Scraper bar worn.	See authorized dealer for replacement.
Unit fails to propel itself	Drive belt is loose or damaged.	See authorized dealer for servicing the rubber auger.
Unit fails to discharge snow.	Auger drive belt loose or damaged.	Adjust auger control cable. Refer to "Cable Adjustment" in the Maintenance section of this manual. See authorized dealer for belt replacement.
	Discharge chute clogged with snow.	Stop engine immediately. Always use a clean-out tool to clear a clogged discharge chute, not your hands. Clean discharge chute and inside of auger housing. Refer to "Warnings" in Operator Safety section.
	Foreign object lodged in auger.	Stop engine immediately. Always use the clean-out tool to clear a clogged chute, not your hands. Remove object from auger. Refer to "Warnings" in Operator Safety section.
	Rubber auger is worn or damaged.	See authorized dealer for replacement.

BRIGGS & STRATTON POWER PRODUCTS GROUP, L.L.C. OWNER WARRANTY POLICY

LIMITED WARRANTY

Briggs & Stratton Power Products Group, LLC will repair and/or replace, free of charge, any part(s) of the equipment that is defective in material or workmanship or both. Briggs & Stratton Corporation will repair and/or replace, free of charge, any part(s) of the Briggs and Stratton engine* (if equipped) that is defective in material or workmanship or both. Transportation charges on product submitted for repair or replacement under this warranty must be borne by purchaser. This warranty is effective for the time periods and subject to the conditions stated below. For warranty service, find the nearest Authorized Service Dealer using our dealer locator at www.murray.com.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year from purchase or to the extent permitted by law. Liability for incidental or consequential damages are excluded to the extent exclusion is permitted by law.

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

WARRANTY PERIOD

Item	Consumer Use	Commercial Use:
Equipment	2 Years	90 Days
Engine*	2 Years	90 Days
Battery	1 Year	1 Year

The warranty period begins on the date of purchase by the first retail consumer or commercial end user, and continues for the period of time stated above. "Consumer use" means personal residential household use by a retail consumer. "Commercial use" means all other uses, including use for commercial, income producing or rental purposes. Once product has experienced commercial use, it shall thereafter be considered as commercial use for purposes of this warranty.

No warranty registration is necessary to obtain warranty on Briggs & Stratton products. Save your proof of purchase receipt. If you do not provide proof of the initial purchase date at the time warranty service is requested, the manufacturing date of the product will be used to determine warranty eligibility.

ABOUT YOUR WARRANTY

We welcome warranty repair and apologize to you for being inconvenienced. Warranty service is available only through servicing dealers authorized by Briggs & Stratton or BSPPG, LLC.

Most warranty repairs are handled routinely, but sometimes requests for warranty service may not be appropriate. This warranty only covers defects in materials or workmanship. It does not cover damage caused by improper use or abuse, improper maintenance or repair, normal wear and tear, or stale or unapproved fuel.

Improper Use and Abuse - The proper, intended use of this product is described in the Operator's Manual. Using the product in a way not described in the Operator's Manual or using the product after it has been damaged will void your warranty. Warranty is not allowed if the serial number on the product has been removed or the product has been altered or modified in any way, or if the product has evidence of abuse such as impact damage, or water/chemical corrosion damage.

Improper Maintenance or Repair - This product must be maintained according to the procedures and schedules provided in the Operator's Manual, and serviced or repaired using genuine Briggs & Stratton parts. Damage caused by lack of maintenance or use of non-original parts is not covered by warranty.

Normal Wear - Like all mechanical devices, your unit is subject to wear even when properly maintained. This warranty does not cover repairs when normal use has exhausted the life of a part or the equipment. Maintenance and wear items such as filters, belts, cutting blades, and brake pads (engine brake pads are covered) are not covered by warranty due to wear characteristics alone, unless the cause is due to defects in material or workmanship.

Stale Fuel - In order to function correctly, this product requires fresh fuel that conforms to the criteria specified in the Operator's Manual. Damage caused by stale fuel (carburetor leaks, clogged fuel tubes, sticking valves, etc) is not covered by warranty.

* Applies to Briggs and Stratton engines only. Warranty coverage of non-Briggs and Stratton engines is provided by the engine manufacturer.

California, U.S. EPA, and Briggs & Stratton Corporation Emissions Control Warranty Statement Your Warranty Rights And Obligations

The California Air Resources Board, U.S. EPA, and Briggs & Stratton (B&S) are pleased to explain the emissions control system warranty on your Model Year 2009 and later engine/equipment. In California, new small off-road engines and large spark ignited engines less than or equal to 1.0 liter must be designed, built, and equipped to meet the State's stringent anti-smog standards. B&S must warrant the emissions control system on your engine/equipment for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your engine or equipment.

Your emissions control system may include parts such as the carburetor or fuel injection system, fuel tank, ignition system, and catalytic converter. Also included may be hoses, belts, connectors, sensors, and other emissions-related assemblies.

Where a warrantable condition exists, B&S will repair your engine/equipment at no cost to you including diagnosis, parts, and labor.

Manufacturer's Warranty Coverage:

Small off-road engines and large spark ignited engines less than or equal to 1.0 liter are warranted for two years. If any emissions-related part on your engine/equipment is defective, the part will be repaired or replaced by B&S.

Owner's Warranty Responsibilities:

- As the engine/equipment owner, you are responsible for the performance of the required maintenance listed in your owner's manual. B&S recommends that you retain all receipts covering maintenance on your engine/equipment, but B&S cannot deny warranty solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance.
- As the engine/equipment owner, you should however be aware that B&S may deny you warranty coverage if your engine/equipment or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.
- You are responsible for presenting your engine/equipment to a B&S distribution center, servicing dealer, or other equivalent entity, as applicable, as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact B&S at (414) 259-5262.

Briggs & Stratton Emissions Control Warranty Provisions

The following are specific provisions relative to your Emissions Control Warranty Coverage. It is in addition to the B&S engine warranty for non-regulated engines found in the Operator's Manual.

1. Warranted Emissions Parts

Coverage under this warranty extends only to the parts listed below (the emissions control systems parts) to the extent these parts were present on the engine purchased.

- Fuel Metering System**
 - Cold start enrichment system (soft choke)
 - Carburetor and internal parts
 - Fuel pump
 - Fuel line, fuel line fittings, clamps
 - Fuel tank, cap and tether
 - Carbon canister
- Air Induction System**
 - Air cleaner
 - Intake manifold
 - Purge and vent line
- Ignition System**
 - Spark plug(s)
 - Magneto ignition system
- Catalyst System**
 - Catalytic converter
 - Exhaust manifold
 - Air injection system or pulse valve
- Miscellaneous Items Used in Above Systems**
 - Vacuum, temperature, position, time sensitive valves and switches
 - Connectors and assemblies

2. Length of Coverage

For a period of two years from date of original purchase, B&S warrants to the original purchaser and each subsequent purchaser that the engine is designed, built, and equipped so as to conform with all applicable regulations adopted by the Air Resources Board; that it is free from defects in material and workmanship that could cause the failure of a warranted part; and that it is identical in all material respects to the engine described in the manufacturer's application for certification. The warranty period begins on the date the engine is originally purchased.

The warranty on emissions-related parts is as follows:

- Any warranted part that is not scheduled for replacement as required maintenance in the owner's manual supplied, is warranted for the warranty period stated above. If any such part fails during the period of warranty coverage, the part will be repaired or replaced by B&S at no charge to the owner. Any such part repaired or replaced under the warranty will be warranted for the remaining warranty period.
- Any warranted part that is scheduled only for regular inspection in the owner's manual supplied, is warranted for the warranty period stated above. Any such part repaired or replaced under warranty will be warranted for the remaining warranty period.
- Any warranted part that is scheduled for replacement as required maintenance in the owner's manual supplied, is warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the first scheduled replacement, the part will be repaired or replaced by B&S at no charge to the owner. Any such part repaired or replaced under warranty will be warranted for the remainder of the period prior to the first scheduled replacement point for the part.
- Add on or modified parts that are not exempted by the Air Resources Board may not be used. The use of any non exempted add on or modified parts by the owner will be grounds for disallowing a warranty claim. The manufacturer will not be liable to warrant failures of warranted parts caused by the use of a non exempted add on or modified part.

3. Consequential Coverage

Coverage shall extend to the failure of any engine components caused by the failure of any warranted emissions parts.

4. Claims and Coverage Exclusions

Warranty claims shall be filed according to the provisions of the B&S engine warranty policy. Warranty coverage does not apply to failures of emissions parts that are not original equipment B&S parts or to parts that fail due to abuse, neglect, or improper maintenance as set forth in the B&S engine warranty policy. B&S is not liable for warranty coverage of failures of emissions parts caused by the use of add-on or modified parts.

Look For Relevant Emissions Durability Period and Air Index Information On Your Small Off-Road Engine Emissions Label

Engines that are certified to meet the California Air Resources Board (CARB) small off-road Emissions Standard must display information regarding the Emissions Durability Period and the Air Index. Briggs & Stratton makes this information available to the consumer on our emissions labels. The engine emissions label will indicate certification information.

The **Emissions Durability Period** describes the number of hours of actual running time for which the engine is certified to be emissions compliant, assuming proper maintenance in accordance with the Operating & Maintenance Instructions. The following categories are used:

Moderate:

Engine is certified to be emissions compliant for 125 hours of actual engine running time.

Intermediate:

Engine is certified to be emissions compliant for 250 hours of actual engine running time.

Extended:

Engine is certified to be emissions compliant for 500 hours of actual engine running time.

For example, a typical walk-behind lawn mower is used 20 to 25 hours per year.

Therefore, the **Emissions Durability Period** of an engine with an **intermediate** rating would equate to 10 to 12 years.

Briggs & Stratton engines are certified to meet the United States Environmental Protection Agency (USEPA) Phase 2 emissions standards. For Phase 2 certified engines, the Emissions Compliance Period referred to on the Emissions Compliance label indicates the number of operating hours for which the engine has been shown to meet Federal emissions requirements.

For engines less than 225 cc displacement.

Category C = 125 hours , Category B = 250 hours , Category A = 500 hours

For engines of 225 cc or more displacement.

Category C = 250 hours , Category B = 500 hours , Category A = 1000 hours

Model No.

1695885

ENGINE:

Brand	Briggs & Stratton
Model Series	Snow Series™
Gross Torque*	8.00 T.P. @ 3060 rpm
Type	4-Cycle
Displacement	12.48 cu in. (205 cc)
Starting System	Recoil, 110V Electric with Cord
Alternator	None
Oil Capacity	18 - 20 oz (.54 - .59L)
Engine Oil	Synthetic 5W30
Fuel Tank Volume	3.0 qts (2.8 liters)
Spark Plug Gap and Torque	0.030 in. (0,76 mm) 180 lb-in (20 Nm)
Resistor Spark Plug	491055
Long Life Platinum Spark Plug	5066
Ignition System	This spark plug ignition system complies with Canadian standard ICES-002.

AUGER/IMPELLER:

Clearing Width	22 in. (55.9 cm)
Intake Height	12.6 in. (32.0 cm)
Auger/Impeller Diameter	10.0 in. (25.4 cm)
Number of Impeller Blades	2

CHUTE:

Chute Deflector	Quick Deflector (Quick Deflector, if equipped)
Chute Rotation	Manual - 200° (Remote Rotation, if equipped)

DRIVE SYSTEM:

Drive Type	Auger - Propelled
Drive Speeds	N/A
Wheel Size	8.0 x 2.0 in. (20.3cm x 50.1cm)

* Engine Power Rating Information

The gross power rating for individual gas engine models is labeled in accordance with SAE (Society of Automotive Engineers) code J1940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1995 (Revision 2002-05). Torque values are derived at 3060 RPM; horsepower values are derived at 3600 RPM. Actual gross engine power will be lower and is affected by, among other things, ambient operating conditions and engine-to-engine variability. Given both the wide array of products on which engines are placed and the variety of environmental issues applicable to operating the equipment, the gas engine will not develop the rated gross power when used in a given piece of power equipment (actual "on-site" or net power). This difference is due to a variety of factors including, but not limited to, accessories (air cleaner, exhaust, charging, cooling, carburetor, fuel pump, etc.), application limitations, ambient operating conditions (temperature, humidity, altitude), and engine-to-engine variability. Due to manufacturing and capacity limitations, Briggs & Stratton may substitute an engine of higher rated power for this Series engine.