



# Walk-Behind Blower

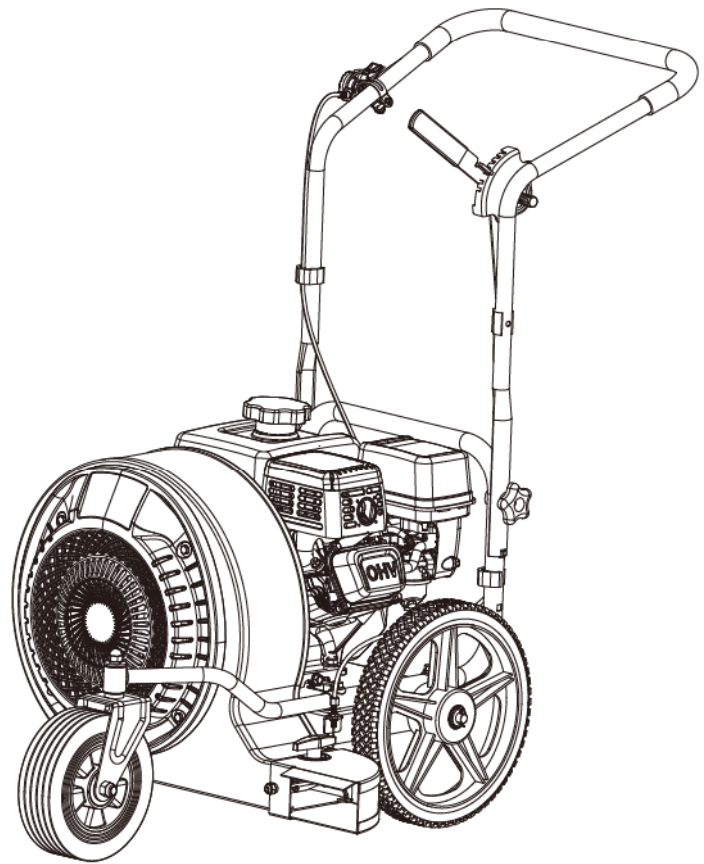
## Operator's Manual

**MODEL NUMBER**  
YF1565

**SERIAL NUMBER**

**PURCHASE DATE**

Both model number and serial number may be found on the main label. (See **Page 2, Figure 1**) You should record both of them in a safe place for future use.



**⚠ WARNING**

**READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE. FAILURE TO COMPLY WITH THE SAFETY INSTRUCTIONS IN THE MANUAL MAY RESULT IN PERSONAL INJURY.**

Your new YARDMAX® walk-behind blower offers quality construction, and is easy and safe to operate. With proper use and care, it is designed to give you many years of dependable service.

Take on any job with ease, portability, and convenience while experiencing the durability of your new blower!

### Discover the YARDMAX Advantage

At YARDMAX, we understand that land ownership definitely has its privileges, but it also comes with a great deal of responsibility. When duty calls and you need to respond, will you have what it takes to tame the great outdoors?

When looking for outdoor power equipment (OPE) to get the job done right, at the right price, YARDMAX delivers the perfect combination of performance and practicality. YARDMAX has a solution that's right for you.

### MAX Performance, MAX Value, MAX Support – that's YARDMAX

- ✓ Backed by decades of proven manufacturing expertise
- ✓ Enhanced design features come standard
- ✓ Engineered for the best user experience
- ✓ Quality metal parts are used instead of plastic
- ✓ A robust warranty supports all products
- ✓ Budget-friendly prices make it practical



*Up for the job? YARDMAX is.*

---

## TABLE OF CONTENTS

---

Introduction	1
Specifications	3
Symbols	4
Safety	5
Contents Supplied	8
Assembly	9
Know Your Machine	12

Operation	15
Maintenance	17
Storage	19
Troubleshooting	19
Parts Diagram	21
Parts List	22

**WARNING**

Carefully read through this entire operator's manual before using your new unit. Pay attention to all cautions and warnings.

This machine is a gasoline engine driven walk-behind blower. It is a durable, versatile and efficient machine, and it is both easy and safe to operate. With proper use and care, it should give you many years of dependable service.

**ENGINE MANUAL**

The **Engine Manufacturer** is responsible for all engine-related issues regarding performance, power rating, specifications, warranty and service. Please refer to the **Engine Manufacturer's** owner/operator's manual, packed separately with your unit, for more information.

**EMISSION CONTROL SYSTEM**

This equipment or its engine may include exhaust and evaporative emission control system components required to meet U.S. Environmental Protection Agency (EPA) and/or California Air Resources Board (CARB) regulations. Tampering with emission controls and components by unauthorized personnel may result in severe fines or penalties. Emission controls and components can only be adjusted by an authorized engine manufacturer's service center.

**WARNING****CALIFORNIA PROPOSITION 65 WARNING**

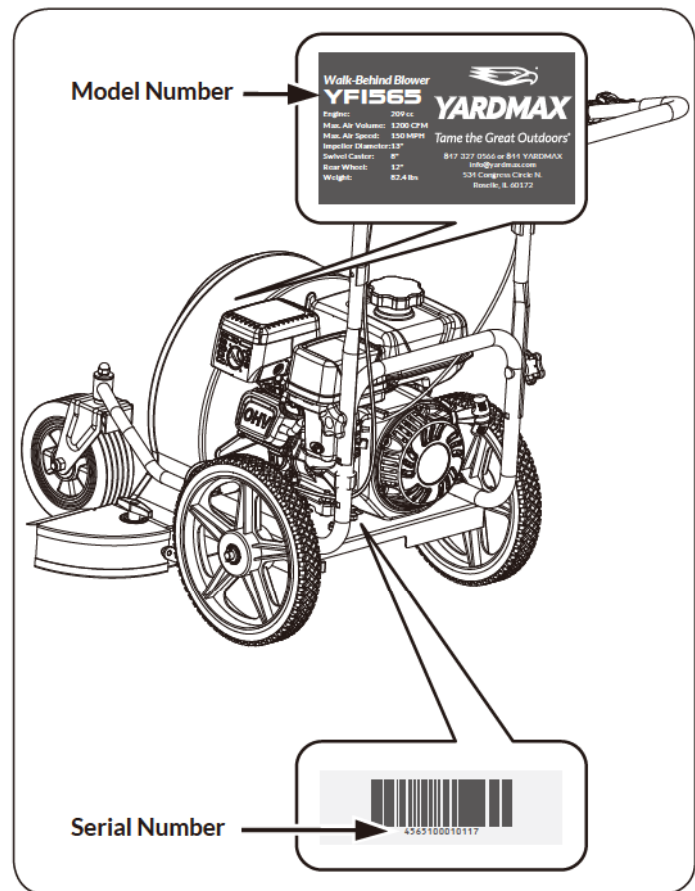
Engine exhaust, some of its constituents and certain product components contain or emit chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**ENVIRONMENTAL**

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses, and packaging should be taken to the local recycling center and disposed of in an environmentally safe way.

**MODEL AND SERIAL NUMBERS**

For future reference, record both the model number and the serial number (See **Figure 1**) as well as date and place of purchase. Have this information available when ordering parts, optional accessories and when making technical or warranty inquiries.



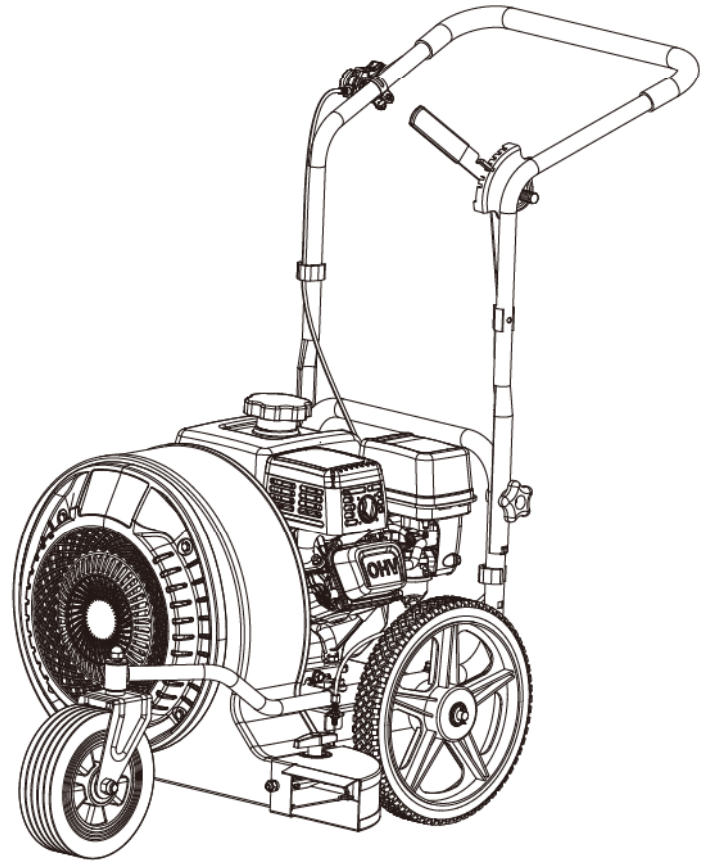
**Figure 1**

**DISCLAIMER**

YARDMAX reserves the right to discontinue, change, and improve its products at any time without notice or obligation to the purchaser. The descriptions and specifications contained in this manual were in effect at printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your unit.

## SUPPORT

Have questions about your YARDMAX equipment? Call us at 847-327-0566 or 844-YARDMAX, email us at [support@yardmax.com](mailto:support@yardmax.com), or contact us via your favorite social media site.



## SPECIFICATIONS

Model Number	YF1565
Displacement	209cc
Max. Air Volume	1200 CFM
Max. Air Speed	150 MPH
Impeller Diameter	13"
Swivel Caster Diameter	8"
Rear Wheel Diameter	12"
Engine	YARDMAX
Power Type	Gas
Starting System	Recoil
Engine Torque	9.14 lb-ft (12.4 N.m)
Fuel Tank Capacity	0.68 gallons (2.6L)
Oil Capacity	16.9 oz.(0.5L)
Recommended Oil Type	SAE 10W-30
Weight	82.4 lbs



## SYMBOLS

The rating plate on your machine may show symbols. These represent important information about the product or instructions on its use.



**DANGER! WARNING! or CAUTION!**



Read these instructions carefully.



Wear approved hearing protection.



Wear eye protection with side shields marked to comply with ANSI Z87.1.



Do not touch parts that are hot from operation. Serious burns may result.

Engine parts, especially the muffler, become extremely hot during operation. Allow engine and muffler to cool before touching.



Do not remove or tamper with the protection and safety devices.



Never start or run the engine inside a closed area or in poorly ventilated area. The engine exhaust contains carbon monoxide, and odorless and deadly gas.



Shut off the engine, disconnect spark plug wire, and make certain all moving parts have stopped before cleaning, repairing, or inspecting the unit.



Gasoline and its vapors are extremely flammable and explosive. Never fuel the machine indoors or while the engine is hot or running. Wipe up any gasoline that spills. Keep away from any inflammables when operating the engine.



Keep children and bystanders at least 50 feet (15m) away.



Stop engine and remove ignition key prior to leaving the operator's position.



Do not allow the directional discharge chute to point in the direction of bystanders or pets.

Thrown objects can result in personal injury or property damage



Use extra caution on slopes. The machine is heavy and can speed up when going downhill. Be prepared to maintain control of the machine. To avoid loss of control, operate across slopes, not up and down. When turning, turn uphill, not down. Do not operate on slopes greater than 15 degrees.



There are rotating blades inside the blower. Please keep your hands, feet or tools out of intake and discharge opening while machine is running.



Do not let long hair uncovered. Use a hair net.



Keep safety devices (guards, shields, etc.) in place and working. Do not operate without shields and guards in place.



Do not operate when other persons are present nearby.

Do not allow the directional chute to point in the direction of bystanders or pets.

# SAFETY

The definitions below give the level of severity for each signal word.



This symbol points out important safety instructions. This machine was built to be operated according to the safe operation practices in this manual. As with any type of power equipment, carelessness or error on that part of the operator can result in serious injury. This machine is capable of amputating fingers, hands, toes and feet and throwing foreign objects. Failure to observe the safety instructions could result in serious injury or death.



This symbol points out safety instructions. Read and follow all instructions before attempting to operate this machine. Failure to comply with these instructions may result in personal injury.



This symbol indicates a hazard, which, if not avoided, may result in minor or moderate injury.



This information makes the product easier to use.

## GENERAL SAFETY RULES

### UNDERSTAND YOUR MACHINE

Read this manual and all labels affixed to the machine to understand limitations and potential hazards before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manuals before operation.

Become thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.

Make sure to read and understand all the instructions and safety precautions as outlined in the Engine Manufacturer's manual packed separately with your unit. Do not attempt to operate the machine until you fully understand how to properly operate and maintain the engine and how to avoid accidental injuries and/or property damage.

Keep this manual and engine manual in a safe place for future and regular reference.

If the unit is to be used by someone other than original purchaser (or is loaned, rented, or sold), always provide this manual and any needed safety training before operation. The user can prevent and is responsible for accidents or injuries that may occur to themselves, other people, and property.

This machine is not a toy, and is to be used only for its intended purpose. Therefore, exercise extreme caution at all times. This machine has been designed to perform one job: blow debris and leaves from lawns, driveways, parking lots, etc. Do not use it for any other purpose.

Do not force the machine. Use the correct machine for your application. The correct machine will do the job more efficiently and safely at the rate it was designed.

### PERSONAL SAFETY

Do not permit children to operate this machine at any time.

Keep children, pets, and other people not using the unit away from the work area. Be alert and shut off the unit if anyone enters work area. Keep children under the watchful care of a responsible adult.

Do not operate the machine while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.

Dress properly: Wear long, heavy pants, work boots, and work gloves. Do not wear loose clothing, short pants, or jewelry of any kind. Secure long hair so it is above shoulder level. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.

Protect eyes, face, and head from objects that may be thrown from the unit. Always wear safety goggles or safety glasses with side shields when operating.

Wear appropriate hearing protection.

Always keep hands and feet away from all moving parts during operation. Moving parts can cut or crush body parts.

Always keep hands and feet away from all pinch points.

Do not touch parts that might be hot from operation. Allow parts to cool before attempting to maintain, adjust, or service.

Stay alert, watch what you are doing, and use common sense when operating the machine.

Do not overreach. Do not operate the machine while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations.

## INSPECT YOUR MACHINE

Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc., are securely tightened.

Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing, or failed parts before using it. Check for fuel leaks. Keep the machine in safe working condition.

Do not use the machine if the engine's switch does not turn off the engine when running. Any gasoline powered machine that can't be controlled with the engine switch is dangerous and must be replaced.

Regularly check to see that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.

Avoid accidental starting. Be sure the engine's switch is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with its switch on invites accidents.

If the machine should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning sign of trouble.

## ENGINE SAFETY



*This machine is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrestor meeting applicable local or state laws (if any).*

If a spark arrestor is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands.

Never start or run the engine inside a closed area. The exhaust fumes are dangerous, containing carbon monoxide, an odorless and deadly gas. Operate this unit only in a well-ventilated outdoor area.

Do not tamper with the engine in an effort to get it to run at higher speeds. The maximum engine speed is preset by the manufacturer and is within safety limits. See engine manual.

Keep a Class B fire extinguisher on hand when operating this machine in dry areas as a precautionary measure.

## FUEL SAFETY

Fuel is highly flammable, and its vapors can explode if ignited.

Take precautions when using to reduce the chance of serious personal injury.

When refilling or draining the fuel tank, use an approved fuel storage container while in a clean, well-ventilated outdoor area. While adding fuel or operating the unit, do not smoke, and stay away from sparks, open flames, or other sources of ignition near the area of operation. Never fill the fuel tank indoors.

To avoid sparking or arcing, keep grounded conductive objects – such as tools – away from exposed, live electrical parts and connections. These events could ignite fumes or vapors.

Always stop the engine and allow it to cool before filling the fuel tank. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot. Do not operate the machine with known leaks in the fuel system.

Loosen the fuel tank cap slowly to relieve any pressure in the tank.

Never overfill the fuel tank. Because engine heat can cause fuel to expand, never fill the tank to more than 1/2" below the bottom of the filler neck. This will provide space for fuel expansion.

Replace all fuel tank and container caps securely and wipe up spilled fuel. Never operate the unit without the fuel cap securely in place.

Avoid creating a source of ignition for spilled fuel. If fuel is spilled, do not attempt to start the engine. Instead, move the machine away from the area of spillage and avoid creating any source of ignition until fuel vapors have dissipated.

When fuel is spilled on yourself or your clothes, wash your skin and change clothes immediately.

Store fuel in containers specifically designed and approved for fuel storage.

Store fuel in a cool, well-ventilated area, safely away from sparks, open flames, or other sources of ignition.

Never store fuel – or a machine with fuel in the tank – inside a building where fumes may reach a spark, open flame, or any other source of ignition (such as a water heater, furnace, or clothes dryer). Allow the engine to cool before storing in any enclosure.

## PRODUCT LIABILITY

As referred to in the product liability laws, we are not liable for damages that our product causes if:

- the product is incorrectly repaired.
- the product is repaired with parts that are not from the manufacturer or not approved by the manufacturer.
- the product has an accessory that is not from the manufacturer or not approved by the manufacturer.
- the product is not repaired at an approved service center or by an approved authority.



## SPECIFIC SAFETY RULES

Identify hazards and take preventive steps to avoid accidents and minimize risk. Possible hazards include, but are not limited to, moving parts, thrown objects, weight of the machine and components, and the operating environment.

### PRIOR TO STARTING

Thoroughly inspect the area in which you are working. Do not operate the blower in standing water, puddles, mud, gravel, stones or sand.

Before starting your blower: make sure the shields, guards, and safety devices are properly affixed to machine, check the oil level, and make sure all nuts and bolts are tight.

Move the machine at least 10 feet away from the refueling point before starting engine.

### OPERATION SAFETY

Never operate the blower without good visibility or light.

Always make sure you have secure footing. If you slip or fall, stop immediately.

Never place any part of your body where it would be in danger if movement should occur during assembly, installation, operation, maintenance, repair, or moving.

Keep all bystanders, children, and pets at least 50 feet (15m) away. If you are approached, stop the unit immediately.

Blower will propel debris at high speed and can cause damage. Avoid pushing your leaf blower over any areas with loose stones or gravel as they may become projectiles. Before use, check that area is free from breakable objects, such as house windows, auto glass, greenhouses, etc.

Do not stand or put your hands, or any part of your body in front of the discharge opening. Always pay attention to the direction of the discharge opening. Never allow discharge opening to point towards bystanders, pets, or valuable property. Wind can also change discharge direction, so be aware.

There are rotating blades inside the blower which can cause serious injury. Please keep your hands, feet or tools out of intake and discharge opening while machine is running.

Never operate machine without directional discharge chute and plastic impeller guard properly affixed to machine. These devices shield the operator from accidental contact with the rotating impeller.

Keep combustible substance away from the engine when it is hot.

Do not tilt the machine while the engine is running.

Never operate the blower at high transport speeds on slippery surfaces.

Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.

Never leave the operating position when the engine is running. Always shut down the engine, and ensure the engine is switched to "off" to prevent accidental starting and wait for all moving parts to come to a complete stop before leaving.

To reduce exposure to vibration, limit the hours of operation and take periodic breaks to minimize repetition and rest your hands. Reduce the speed and force in which you do the repetitive movement. Try to fill each day with jobs where operating hand-held power equipment is not required.

### MACHINE USE AND CARE

Do not force the machine. Use the correct machine for your application. The correct machine will do the job better and safer at the rate for which it is designed. This equipment was designed specifically for the purpose of blowing leaves and debris. Do not use this equipment for any other purpose.

Do not change the engine governor settings or over-speed the engine. The governor controls the maximum safe operating speed of the engine.

Do not run the engine at high speed when you are not working.

Avoid contact with hot fuel, oil exhaust fumes and hot surfaces. Do not touch the engine or muffler. These parts get extremely hot from operation. They remain hot for a short time after you turn off the unit. Allow the engine to cool before doing maintenance or making adjustments.

If the machine should start to make an unusual noise or vibration, immediately shut off the engine, disconnect the spark plug wire, and check for the cause. Unusual noise or vibration is generally a warning of trouble.

Use only attachments and accessories approved by the manufacturer. Failure to do so can result in personal injury.

Keep the engine and muffler free of grass, leaves, excessive grease or carbon build up to reduce the chance of a fire hazard.

Never douse or squirt the unit with water or any other liquid. Keep handles dry, clean and free from debris. Clean after each use.

Observe proper disposal laws and regulations for gas, oil, etc. to protect the environment.

When storing machine out of the reach of the children and do not allow persons unfamiliar with the machine or these instructions to operate it. This machine can be dangerous when used by an untrained user.

### MAINTAINING YOUR MACHINE

Some parts of this machine are made of plastic or rubber and should be kept away from chemicals.

Never cover the machine while the muffler is still hot.

Do not alter or adjust any part of the blower or its engine that is



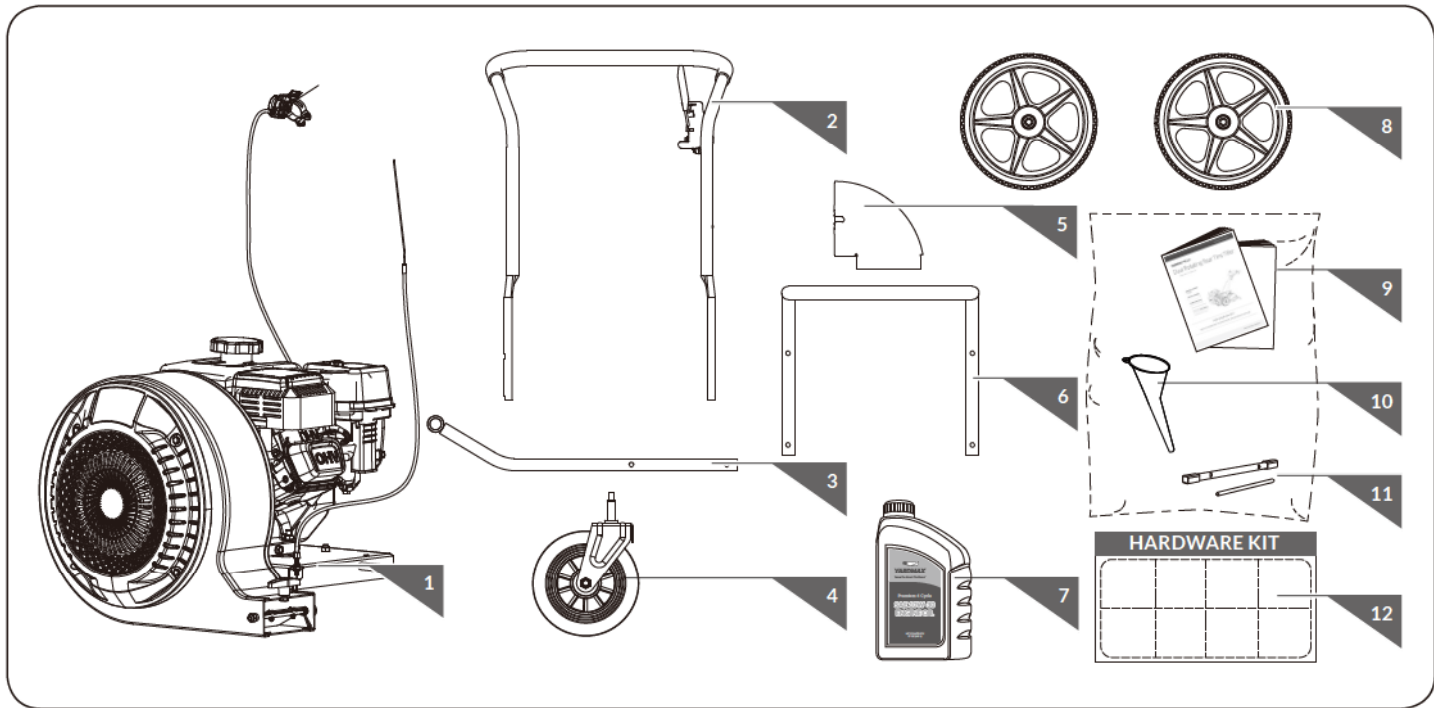
sealed by the manufacturer or distributor. Only a qualified service technician may adjust parts that increase or decrease governed engine speed.

To maintain your machine, check for any misalignment of binding

of any moving parts. Parts that are broken or worn down that may affect the machine's operation. If damage or worn parts are identified, they should be repaired before use. Many accidents are caused by poorly maintained equipment.





## CONTENTS SUPPLIED

Your YARDMAX walk-behind blower comes partially assembled and contains the following:



1. Main Machine
2. Upper Handle
3. Front Swivel Caster Tube
4. Front Swivel Caster
5. Front Discharge Chute
6. Frame Tube
7. Engine Oil
8. Rear Wheel ( 1 pair)
9. Operator's Manual & Engine Manual

10. Funnel
11. Tools for Spark Plug Assembly
12. Hardware Kit, Including the Following:

	M8 x 40	x 4	<b>1</b>
		x 2	<b>2</b>
		x 1	<b>3</b>
	M8 x 45	x 2	<b>4</b>

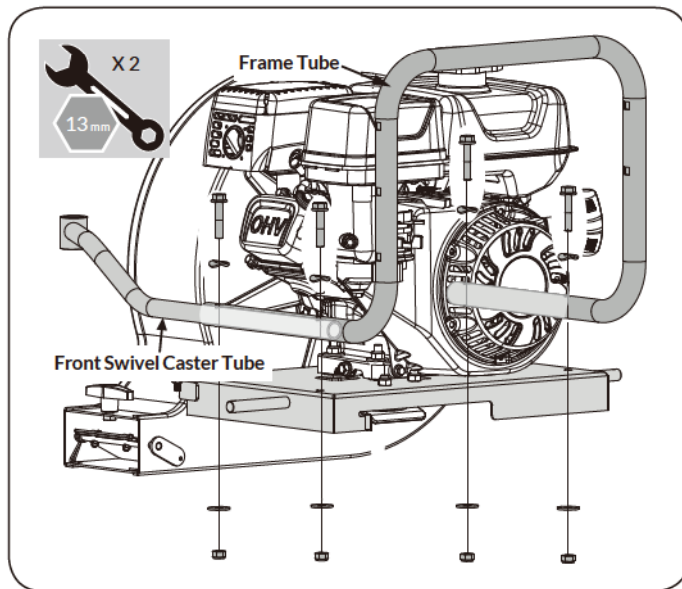
# ASSEMBLY

This walk-behind blower was partially assembled at the factory. To assemble your machine follow the below instructions.

## FRAME

Insert the end of the front swivel caster tube into the opening of the frame tube, and align the holes.

Attach the tubes to the engine deck with M8x40 bolt, arc washer, spring washer and lock nut in four places. Tighten securely using two 13mm wrenches. (See **Figure 2**)



**Figure 2**



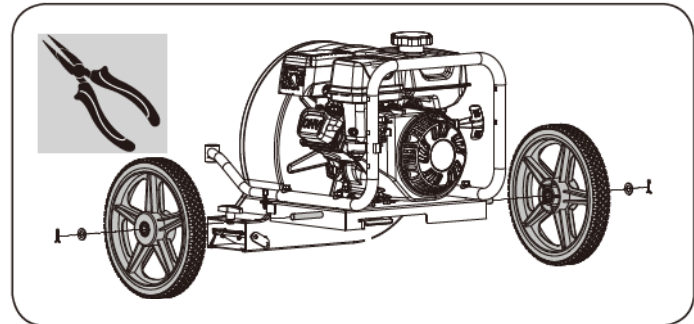
## WHEELS

Install one spacer onto the wheel axle.

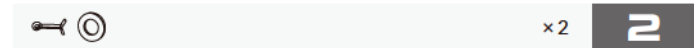
Slide the wheel onto the axle.

Secure the wheel in place with a flat washer and a cotter pin on the outside. Bend and spread the cotter pin prongs in opposite directions.

Repeat these steps to install the 2nd wheel. (See **Figure 3**)



**Figure 3**



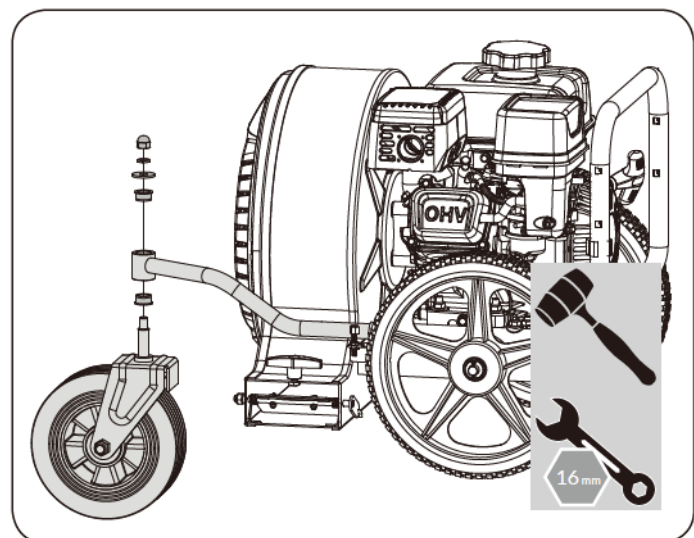
## SWIVEL CASTER

Install one bushing onto the underside (bottom side) of the swivel caster bracket opening, with the smaller end of the bushing facing up.

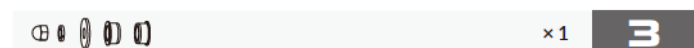
Install the caster by pushing the caster tube up through the bracket opening.

Install the 2nd bushing onto the shaft and insert it into the top of the caster bracket opening, with the smaller end of the bushing facing down.

Secure the swivel caster to the caster tube using a flat washer, spring washer and acorn nut. Tighten securely using a 16mm wrench. (See **Figure 4**)



**Figure 4**

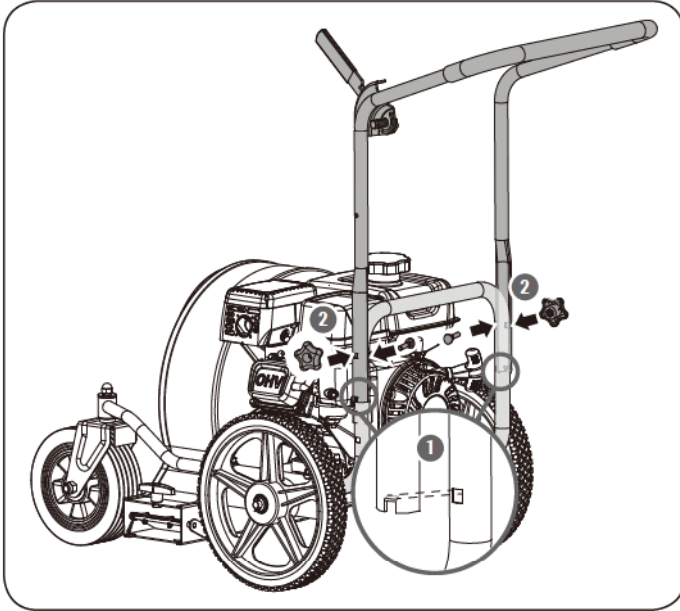


**UPPER HANDLE****NOTE**

There are two positions in which the handle can be attached - a high position and a lower position.

Hook the upper handle tabs into the holes on the frame tube (See **Figure 5, illustration1**). Use the bottom hole for the lower handle position. Use the middle hole for the high handle position.

Secure the handle on the frame tube with the carriage screws and star knobs. (See **Figure 5, illustration2**)

**Figure 5**

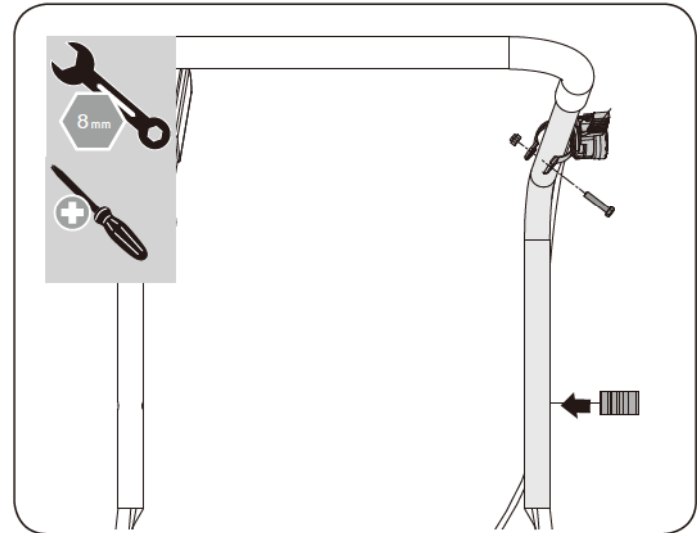
M8 × 45

× 2

**4****THROTTLE CONTROL LEVER**

Mount the throttle control lever onto the right upper handle with M5x25 screw and lock nut. Tighten securely using a 8mm wrench and a Phillips screwdriver.

Secure the throttle control cable on the handle with cable clamp. (See **Figure 6**)

**Figure 6**

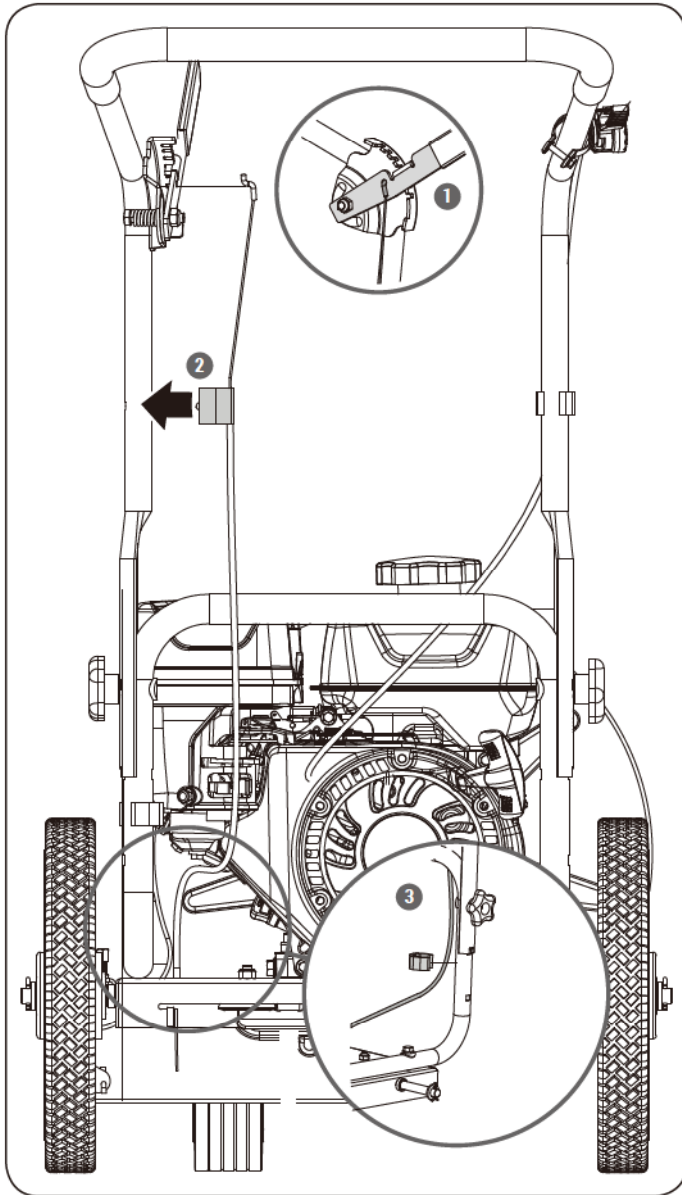


## FLOW ANGLE ADJUSTMENT CONTROL CABLE

Attach the Z type end of the cable into the lever as shown. (See *Figure 7, illustration 1*)

Secure the buckle on the cable onto the upper handle. (See *Figure 7, illustration 2*)

Secure the cable on the frame tube with cable clamp. (See *Figure 7, illustration 3*)



**Figure 7**

## FRONT DISCHARGE CHUTE

### **NOTE**

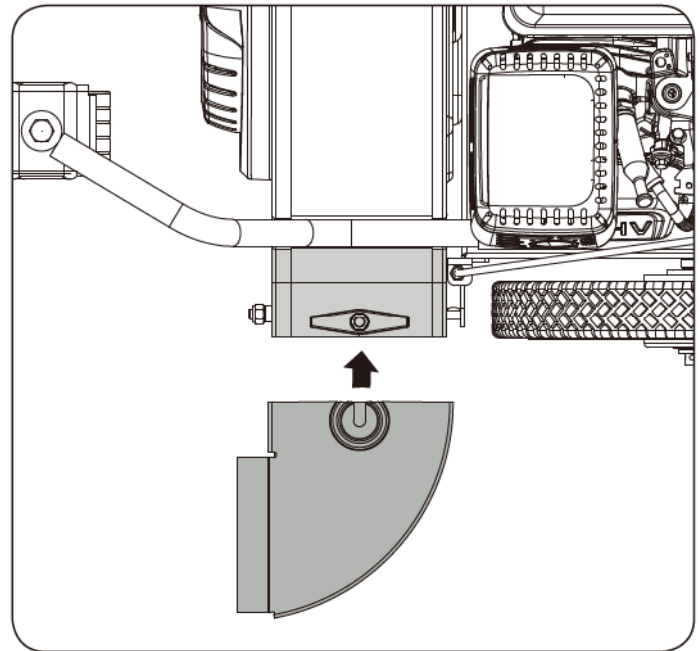
*The front discharge chute is used to redirect the air flow to the front of the blower. Attach it when needed.*

Loosen the knob located on top of the discharge chute.

Orient the attachment so the "THIS SIDE UP DURING USE" is up.

Slide the attachment over the discharge chute. The slot on the top of the attachment will mate with the bolt of the attachment knob.

Hand-tighten the attachment knob to secure the attachment. (See *Figure 8*)



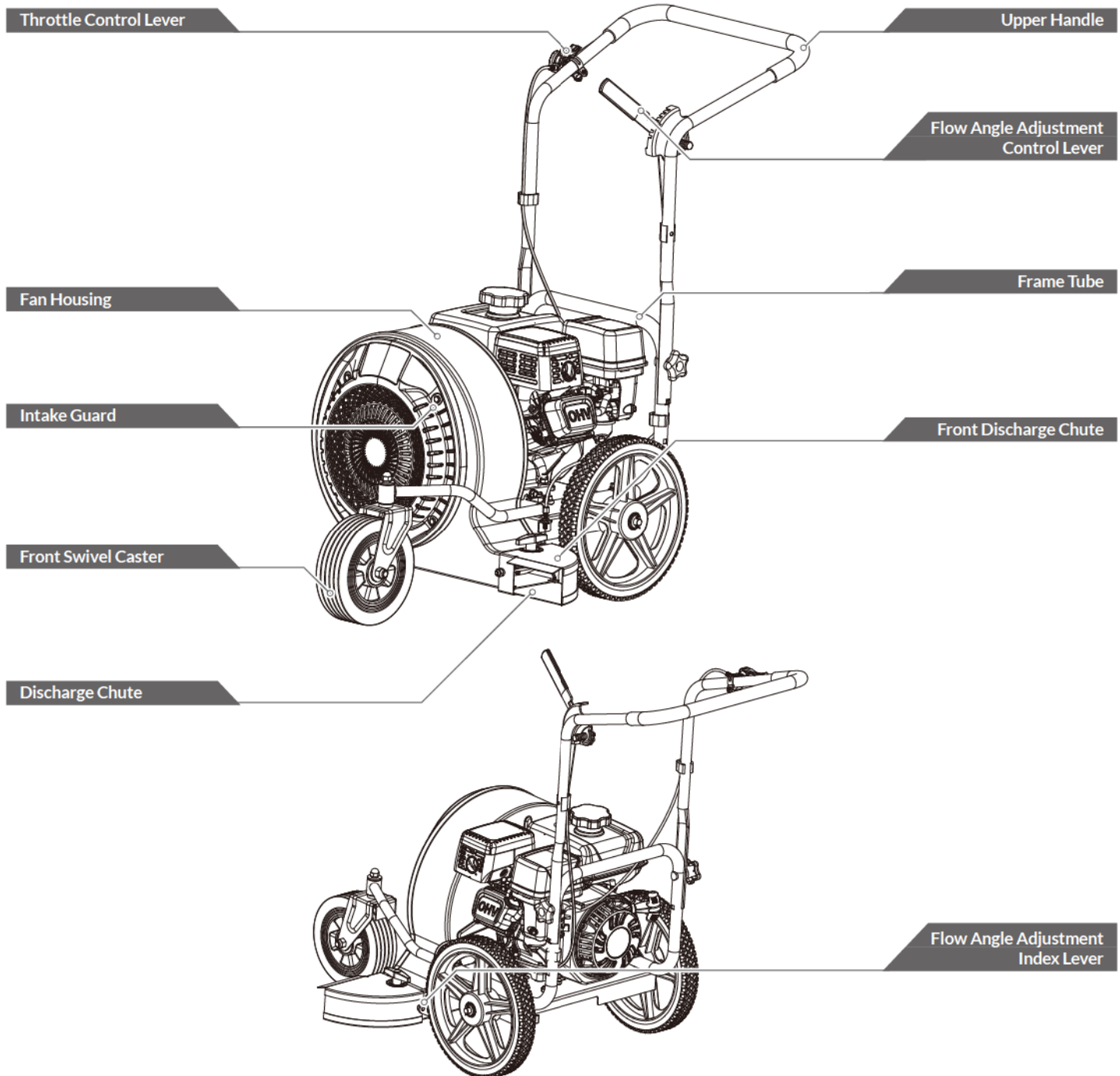
**Figure 8**

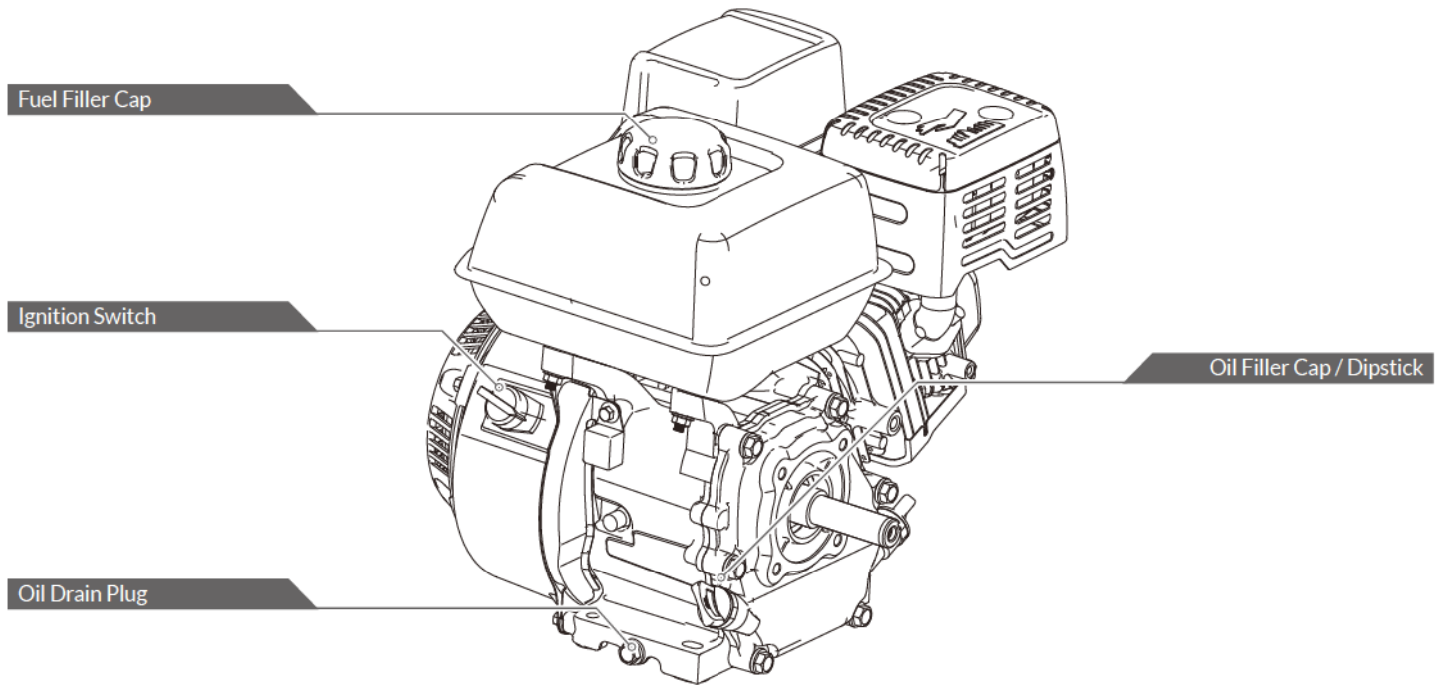
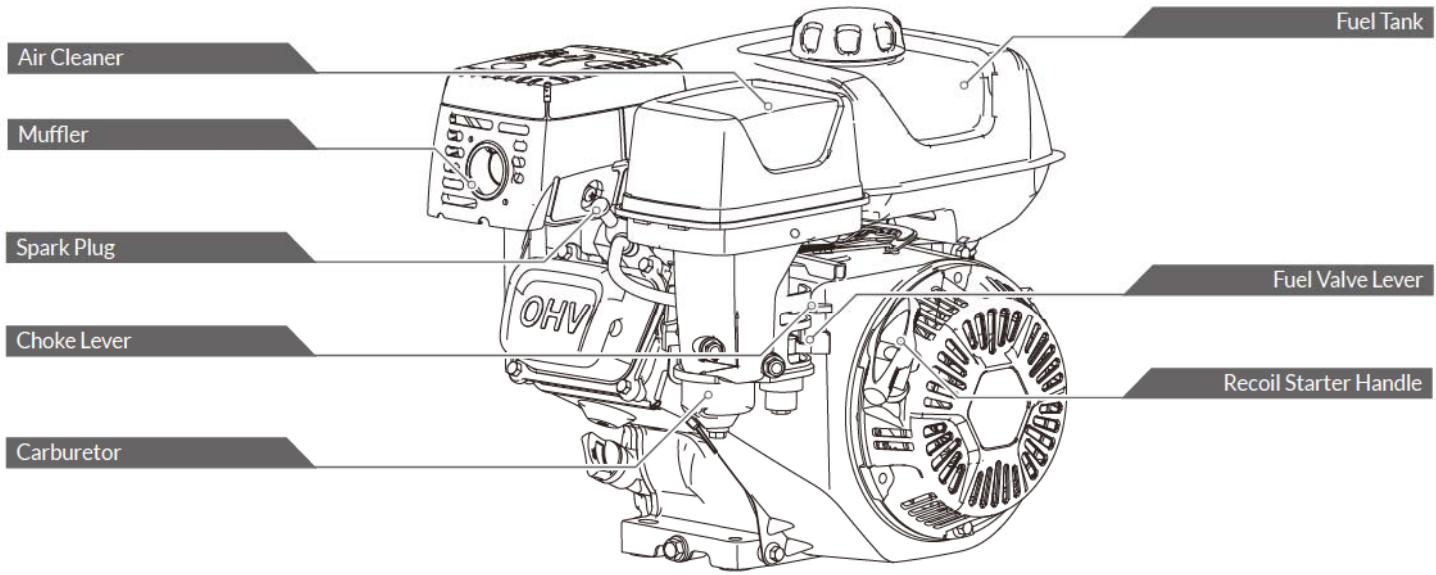
### **NOTE**

*When properly assembled, the attachment knob will fit inside of the round emboss on the top of the attachment.*

# KNOW YOUR MACHINE



## FEATURES AND CONTROLS







**Throttle Control Lever**

- » Regulates the speed of engine. Moving towards FAST  to speed up the engine. Moving towards LOW  to lower the engine speed.

**Flow Angle Adjustment Control Lever**

- » Adjusts the direction of air flow between 7 positions.

**Fan Housing**

- » Contains the fan.

**Intake Guard**

- » Prevents fingers, hands, or large debris from entering the fan housing and contacting the fan blades.

**Front Swivel Caster**

- » 360 degree swiveling caster to allow for maneuverability.

**Discharge Chute**

- » Directs air flow to the left side of the unit from machine operator's position.

**Front Discharge Chute**

- » Redirects the air flow toward the front of the unit.

**Flow Angle Adjustment Index Lever**

- » Transmits the movement from control lever to the air flow louver.

**Recoil Starter Handle**

- » Used to pull-start the engine.

**Choke Control**

- » The choke control is used to choke the carburetor and assist in starting the engine. The choke control is slides between the CHOKE and RUN positions. The CHOKE position enriches the fuel mixture for starting a cold engine.

- » The RUN position provides the correct fuel mixture for operation after starting, and for restarting a warm engine.

**Fuel Valve Lever**

- » The fuel valve opens and closes the passage between the fuel tank and the carburetor.

- » The fuel valve lever must be in the ON position for the engine to run.

- » When the engine is not in use, leave the fuel valve lever in the OFF position to prevent carburetor flooding and to reduce the possibility of fuel leakage.

# STARTING AND OPERATING YOUR WALK-BEHIND BLOWER

**WARNING** Keep all bystanders, especially CHILDREN, away during operation.

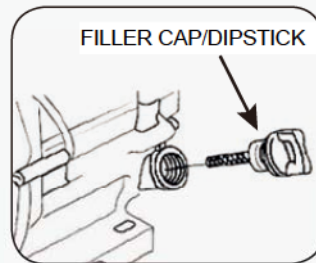
**DANGER** Never start or run the engine inside a closed area or in poorly ventilated area. The engine exhaust contains carbon monoxide, and odorless and deadly gas.

## ADD OIL TO ENGINE

**CAUTION** The engine is shipped without oil. Do not start the engine before adding oil. Please refer to your engine manual for the proper grade of oil to add.

1. Make sure the walk-behind blower is on a flat, level surface.

2. Remove the oil fill cap/dipstick to add oil. (See **Figure 9**)



**Figure 9**

3. Using a funnel, add oil up to the **FULL** mark on the dipstick. (See engine manual for oil capacity, oil recommendation, and location of fill cap.)

**CAUTION** DO NOT OVERFILL THE OIL. Check engine oil level daily and add as needed.

## ADD GASOLINE TO ENGINE

**WARNING** Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel. Use extreme care when handling gasoline.

**WARNING** Fill the fuel tank outdoors, never indoors. Gasoline vapors can ignite if they collect inside an enclosure. Explosion can result.

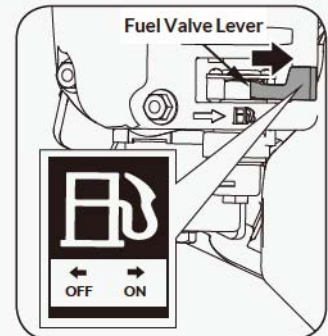
1. The engine must be off and allowed to cool at least two minutes before adding fuel.
2. Remove the fuel filler cap and fill the tank. (See engine manual for fuel capacity, fuel recommendation, and location of fuel cap.)
3. Reinstall the fuel cap and tighten. Always clean up spilled fuel.

**WARNING** IMPORTANT: DO NOT OVERFILL!

This equipment and/or its engine may include evaporative emissions control system components, required to meet EPA and/or CARB regulations, that will only function properly when the fuel tank has been filled to the recommended level. Overfilling may cause permanent damage to evaporative emissions control system components. Filling to the recommended level ensures a vapor gap required to allow for fuel expansion. Pay close attention while filling the fuel tank to ensure that the recommended fuel level inside the tank is not exceeded. Use a portable gasoline container with an appropriately sized dispensing spout when filling the tank. Do not use a funnel or other device that obstructs the view of the tank filling process.

## STARTING ENGINE

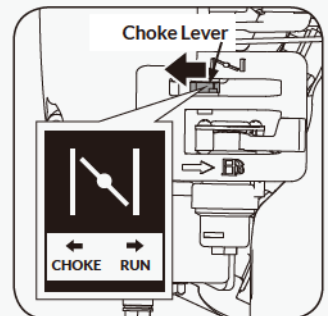
1. Move the fuel valve lever to the ON position. (See **Figure 10**)



**Figure 10**

2. Move the choke lever to the CHOKE position. (See **Figure 11**)

» To restart a warm engine, leave the choke lever in the RUN position.



**Figure 11**

3. Move the throttle control lever slightly forward to about  $\frac{1}{4}$  of the way (slightly toward the fast position).
4. Turn the engine switch to the ON position.
5. Pull the recoil starter until the engine starts. Return the recoil to the home position after each pull. Repeat the steps as needed. Once engine has started, set the throttle to the FAST position before you operate the unit.

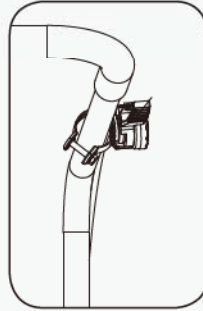


Figure 12

### ⚠ WARNING

Rapid retraction of the starter cord (kickback) can occur, which may pull your hand and arm toward the engine faster than you can let go. Broken bones, fractures, bruises, or sprains could result.

6. If the choke lever has been moved to the CHOKE position to start the engine, gradually move it to the RUN position as the engine warms up.

### IDLE SPEED

When not actively blowing debris while engine is running, set the throttle control level to the SLOW position during the idle time. Lowering the engine speed will help extend the life of the engine, as well as conserve fuel and reduce noise level.

### STOP ENGINE

To stop the engine in an emergency, turn the engine switch to the OFF position. Under normal conditions, use the following procedure:

1. Move the throttle lever to the SLOW (←) position.
2. Let the engine idle for one or two minutes.
3. Turn the engine switch to the OFF position.
4. Turn the fuel valve lever to the OFF (⊘) position.

### ⚠ CAUTION

Do not move the choke control to CHOKE position to stop the engine. Backfire or engine damage may occur.

### ADJUSTING THE AIR FLOW DIRECTION

- The air flow direction can be adjusted between 20 degrees upward to 20 degrees downward, total 7 positions.
- Direction adjustment is achieved by using the flow angle

adjustment control lever (See **Figure 13**) to move the air flow louver.

- Move the lever upward (away from you) to direct airflow downward or move the lever downward (toward you) to direct airflow upward.

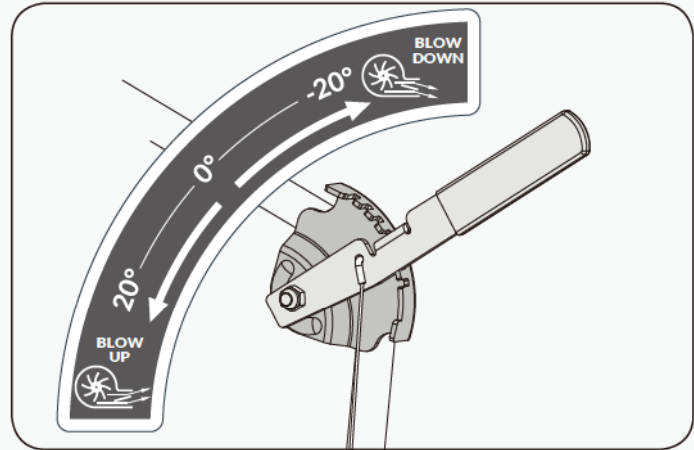


Figure 13

### ⚠ WARNING

Before attaching/storage the attachment, move the ON/OFF Engine Switch to OFF position.

### ATTACH THE FRONT DISCHARGE CHUTE

### 🏷 NOTE

The front discharge chute is used to redirect the air flow to the front of the blower. Attach it when needed.

1. Loosen the knob located on top of the discharge chute.
2. Orient the attachment so the "THIS SIDE UP DURING USE" is up.
3. Slide the attachment over the discharge chute. The slot on the top of the attachment will mate with the bolt of the attachment knob. (See **Figure 14**)
4. Hand-tighten the attachment knob to secure the attachment.

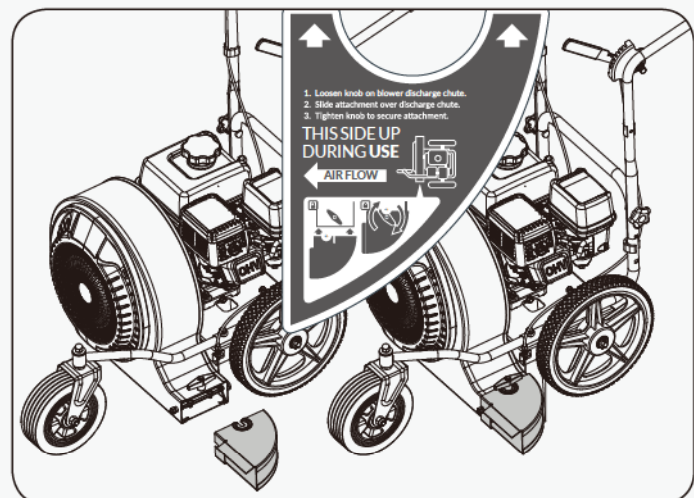


Figure 14



## STORAGE OF THE FRONT DISCHARGE CHUTE

When not in use, the front discharge chute can be stored under the frame at the rear of the blower. Take follow steps to secure the attachment for storage.

1. Orient the attachment so the "THIS SIDE UP FOR STORAGE" is up. Insert the attachment with this direction under the frame of unit. It will be supported by a bracket under the frame.
2. Secure the attachment by rotating it so the pin on the frame will insert into the slot on the attachment.

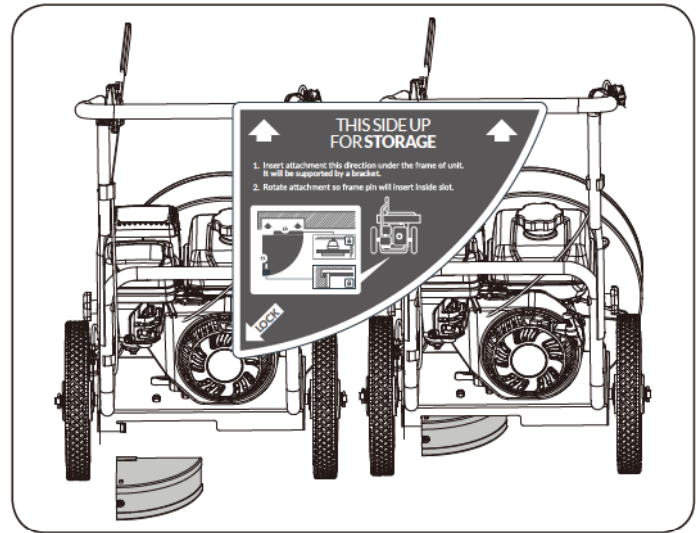


Figure 15

## MAINTENANCE

Maintaining your YARDMAX walk-behind blower will ensure long life to the machine and its components.

### PREVENTIVE MAINTENANCE

1. Turn off the engine. The engine must be cool.
2. Keep the engine's throttle lever in the SLOW position and remove the spark plug wire from the spark plug and secure.
3. Inspect the general condition of the blower. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation.
4. Remove all debris from the blower with a soft brush, vacuum, or compressed air. Then use a premium quality lightweight machine oil to lubricate all moving parts
5. Replace the spark plug wire.

#### ! WARNING

Never use a pressure washer to clean your blower. Water can penetrate tight areas of the unit and cause damage to spindles, pulleys, bearings, or the engine.

#### ! WARNING

Shut down the engine, wait for all moving parts to come to a complete stop, remove the spark plug wire, and then wait five minutes before performing maintenance on the blower.

**REGULAR MAINTENANCE CHECKLIST**

The service intervals shown are the maximum under normal operating conditions. Increase frequencies under extremely dirty or dusty conditions.

**NOTE**

Refer to the engine manual packed separately with your unit for detailed information and a maintenance schedule.

Interval	Item	Service
Before each use	<ol style="list-style-type: none"> <li>1. Engine oil level</li> <li>2. General equipment condition</li> <li>3. Debris from unit</li> </ol>	<ol style="list-style-type: none"> <li>1. Check</li> <li>2. Check</li> <li>3. Clean</li> </ol>
Every Month or 10 Hours of Operation	<ol style="list-style-type: none"> <li>1. All fasteners are tight and secured</li> <li>2. All pivot points</li> </ol>	<ol style="list-style-type: none"> <li>1. Check</li> <li>2. Lubricate</li> </ol>
1st Month or 20 hours	<ol style="list-style-type: none"> <li>1. Engine oil</li> </ol>	<ol style="list-style-type: none"> <li>1. Change</li> </ol>
Every 50 Hours	<ol style="list-style-type: none"> <li>1. All fasteners are tight and secured</li> <li>2. All pivot points</li> <li>3. Engine oil</li> <li>4. Air filter and precleaner</li> </ol>	<ol style="list-style-type: none"> <li>1. Check</li> <li>2. Lubricate</li> <li>3. Change</li> <li>4. Inspect or replace</li> </ol>
Every Season or 100 Hours	<ol style="list-style-type: none"> <li>1. Combustion deposits from cylinder, piston, and valves</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean</li> </ol>
Before Each Season	<ol style="list-style-type: none"> <li>1. Engine oil level</li> <li>2. General equipment condition</li> <li>3. Debris from unit</li> <li>4. All fasteners are tight and secured</li> <li>5. All pivot points</li> <li>6. Spark plug</li> <li>7. Air filter and precleaner</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and change</li> <li>2. Check</li> <li>3. Clean</li> <li>4. Check</li> <li>5. Lubricate</li> <li>6. Inspect or replace</li> <li>7. Inspect or replace</li> </ol>
Before Storage	<ol style="list-style-type: none"> <li>1. Debris from unit</li> <li>2. All fasteners are tight and secured</li> <li>3. All pivot points</li> <li>4. Engine oil</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean</li> <li>2. Check</li> <li>3. Lubricate</li> <li>4. Change</li> </ol>

## STORAGE

If the walk-behind blower will not be used for a period longer than 30 days, follow the steps below to prepare your unit for storage.

1. Drain the fuel tank completely. Stored fuel contains ethanol or MTBE, and can start to go stale in 30 days. Stale fuel has high gum content and can clog the carburetor and restrict fuel flow.
2. Start the engine and run until it stops. This helps prevent gum deposits from forming inside the carburetor, which may cause engine damage.
3. While the engine is still warm, drain the oil from the engine. Refill with fresh oil of the grade recommended in the Engine Manual.
4. Use clean cloths to clean off the outside of the machine and to keep the air vents free of obstructions.

### CAUTION

*Do not use strong detergents or petroleum-based cleaners when cleaning plastic parts. Chemicals can damage plastics.*

5. Inspect for any loose or damaged parts. Repair or replace damaged parts and tighten loose screws, nuts or bolts.
6. Store your unit on flat ground in a clean, dry building that has good ventilation.

### WARNING

*Do not store the machine with fuel in a non-ventilated area where fuel fumes may reach flame, sparks, pilot lights or any ignition sources.*

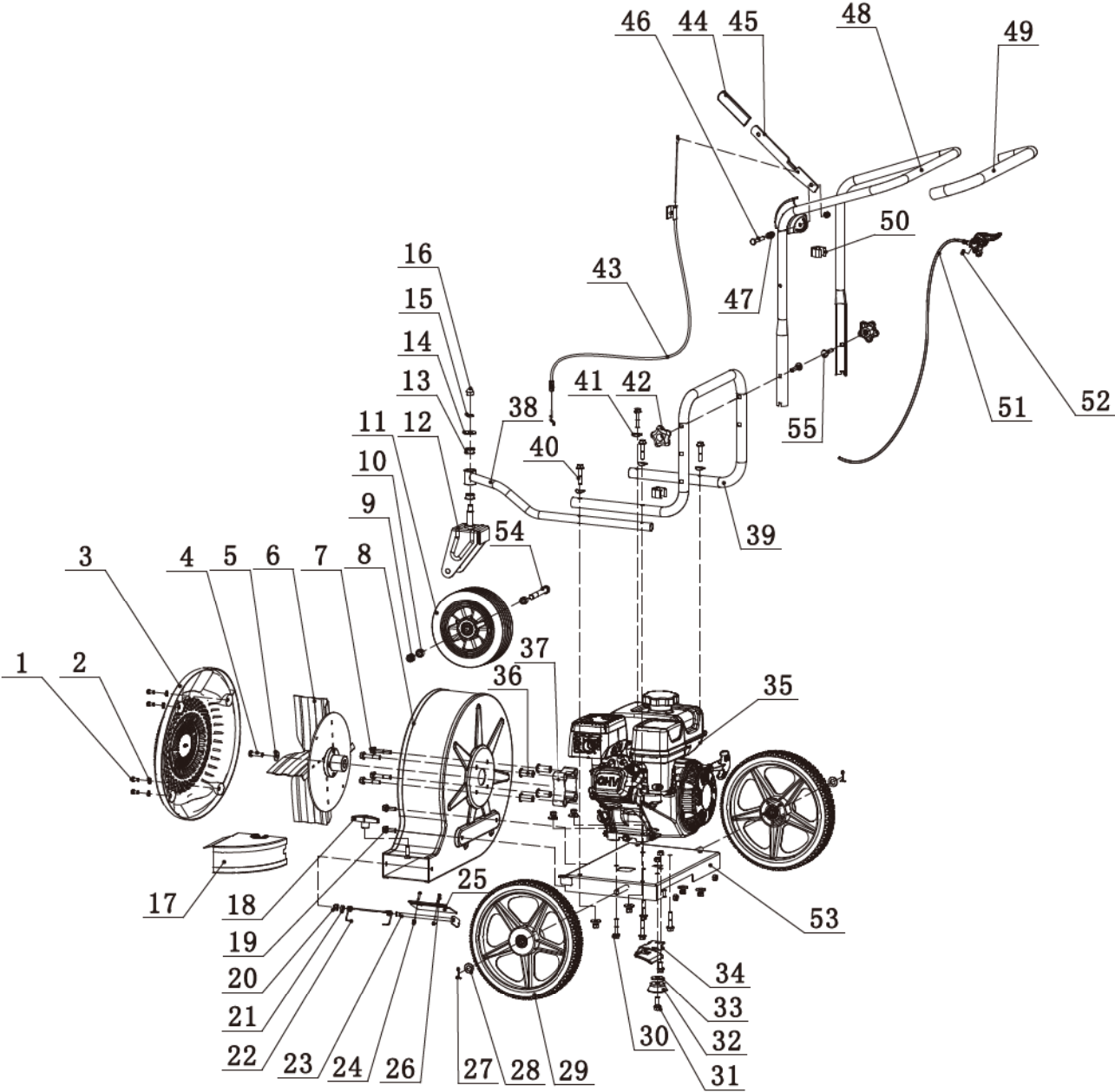
## TROUBLESHOOTING

Problem	Cause	Remedy
Engine fails to start	<ol style="list-style-type: none"> <li>1. Spark plug wire is disconnected</li> <li>2. Out of fuel or stale fuel</li> <li>3. Throttle control lever or fuel valve lever is not in the run position</li> <li>4. Choke lever is not in CLOSE position</li> <li>5. Blocked fuel line</li> <li>6. Fouled spark plug</li> <li>7. Engine flooding</li> <li>8. Not enough oil in engine</li> </ol>	<ol style="list-style-type: none"> <li>1. Attach spark plug wire securely to spark plug</li> <li>2. Drain old fuel and fill with clean, fresh gasoline</li> <li>3. Move the throttle control lever slightly to the fast position, and move the fuel valve lever to the ON position</li> <li>4. Choke level must be in CLOSE position for a cold start</li> <li>5. Clean fuel line</li> <li>6. Clean, adjust gap, or replace</li> <li>7. Wait a few minutes to restart the engine</li> <li>8. Add oil more oil to engine</li> </ol>



Engine runs erratically	<ol style="list-style-type: none"> <li>1. Spark plug wire is loose</li> <li>2. Unit running with choke lever in CLOSE position</li> <li>3. Blocked fuel line or stale fuel</li> <li>4. Vent plugged</li> <li>5. Water or dirt in fuel system</li> <li>6. Dirty air cleaner</li> <li>7. Improper carburetor adjustment</li> </ol>	<ol style="list-style-type: none"> <li>1. Connect and tighten spark plug wire</li> <li>2. Move choke lever to OPEN position</li> <li>3. Clean fuel line, and fill tank with clean, fresh gasoline</li> <li>4. Clear vent</li> <li>5. Drain fuel tank, then refill with fresh fuel</li> <li>6. Clean or replace air cleaner</li> <li>7. Refer to engine manual</li> </ol>
Engine overheats	<ol style="list-style-type: none"> <li>1. Engine oil level low</li> <li>2. Dirty air cleaner</li> <li>3. Air flow restricted</li> <li>4. Carburetor not adjusted properly</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill crankcase with proper oil</li> <li>2. Clean air cleaner</li> <li>3. Remove housing and clean</li> <li>4. Refer to engine manual</li> </ol>
Engine speed does not increase properly when throttle control is adjusted.	<ol style="list-style-type: none"> <li>1. Debris interfering with throttle linkage.</li> <li>2. Improper throttle linkage adjustment</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean dirt and debris</li> <li>2. Refer to Engine Manual to check and adjust throttle linkage</li> </ol>
Excessive vibration or noise	<ol style="list-style-type: none"> <li>1. Loose parts</li> <li>2. Damaged impeller</li> <li>3. Debris in housing</li> <li>4. Engine problems (above)</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten all fasteners</li> <li>2. Contact an authorized service dealer</li> <li>3. Contact an authorized service dealer</li> <li>4. Refer to engine solutions (above)</li> </ol>

PARTS DIAGRAM



**PARTS LIST**

No.	Description	QTY.
1	Bolt M6x16	4
2	Flat Washer 6	4
3	Intake Guard	1
4	Bolt M8x1x30	1
5	Flat Washer M8	9
6	Fan	1
7	Bolt M8x50	4
8	Fan Housing	1
9	Lock Nut M12	1
10	Sleeve Washer	2
11	Front Swivel Caster 8"	1
12	Swivel Caster Bracket	1
13	Bushing	2
14	Flat Washer M10	1
15	Spring Washer M10	1
16	Acorn Nut M10	1
17	Front Discharge Chute	1
18	Knob	1
19	Bolt M8x16	3
20	Lock Nut M8	13
21	Tubing	1
22	Spring	1
23	Index Lever Weldment	1
24	Lock Nut M4	2
25	Air Flow Louver	1
26	Screw M4x16	2
27	Cotter Pin	2
28	Flat Washer	2
29	Rear Wheel 12"	2
30	Bolt M8x35	4
31	Bolt M8x25	1
32	Buffer Pad	1
33	Flat Washer 8	1
34	Plastic Wrap	1
35	Gasoline Engine	1
36	Sleeve	4
37	Sleeve	1
38	Front Swivel Caster Tube	1

No.	Description	QTY.
39	Frame Tube	1
40	Bolt M8x40	4
41	Arc Washer	4
42	Star Knob	2
43	Flow Angle Control Cable	1
44	Control Lever Handle	1
45	Control Lever Plate	1
46	Bolt M8x45	1
47	Spring	1
48	Upper Handle	1
49	Handle Sleeve	1
50	Cable Clamp	2
51	Throttle Control Lever with Cable	1
52	Lock Nut M5	1
53	Engine Deck	1
54	Bolt M12x85	1
55	Bolt M8x45	2

*Tame the Great Outdoors®*

