

BACKPACK LEAF BLOWER

PBLB-6500-B

OWNERS MANUAL

INTRODUCTION

This manual has been produced by Parker Products Ltd. and should be kept with the product and referenced for operation, maintenance and troubleshooting.

This manual contains an overall description of the product, together with all the necessary information for using the product correctly and safely. It is highly recommended that this manual is read prior to any operation or maintenance of this product. The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

All photographs and drawings in this manual are supplied by Parker Products Ltd. to help you with the operation and maintenance of the product. The information contained in this manual was accurate at the time of production, however Parker Products Ltd. may make modifications to the product without notification. This Table Saw has been designed for personal and private use only.

The product is to be used only for its prescribed purpose, any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications.

Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

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- READ THIS MANUAL CAREFULLY BEFORE USING THIS MACHINE.
- FAILURE TO FOLLOW SAFETY PRECAUTIONS OR INSTRUCTIONS CAN CAUSE EQUIPMENT DAMAGE
- FAILURE TO FOLLOW SAFETY PRECAUTIONS OR INSTRUCTIONS SERIOUS PERSONAL INJURY.
- **NEVER** use this leaf blower for any application other than that specified by the manufacturer.
- **NEVER** operate this leaf blower under conditions not approved by the manufacturer.
- **NEVER** attempt to modify this leaf blower to perform in any manner not intended by the manufacturer.
- **DO NOT** use the leaf blower to move stones or other sharp objects.
- **KNOW HOW** to stop the unit in case of emergency. Be completely familiar with the controls.
- CAUTION! Never use this machine if it has been damaged of is in need of replacement parts.
- ALWAYS use eye and ear protection.
- **NEVER** operate this machine when you are fatigued, ill or under the influence of alcohol, drugs or medication.
- **ALWAYS** wear heavy, long trousers, boots and gloves suitable for the job.
- **DO NOT** wear loose clothing, jewellery short trousers, sandals or use when barefoot, and secure long hair.
- **ALWAYS** Keep good footing and balance at all times do not overreach or stand on an unstable support.
- **ALWAYS** have adequate drainage to reduce the possibility of a fall due to slippery surfaces.
- **NEVER** perform maintenance or assembly procedures on this machine when the engine is running.
- **NEVER** touch the coil lead/spark plug with when the machine is in use.
- **NEVER** operate this leaf blower in an explosive atmosphere or near any flammable sources. .
- **ALWAYS** watch out for children, pets, wildlife and always check the working area is safe before proceeding work
- **DO NOT** allow children to operate the leaf blower at any time.



For safe operation and maintenance symbols are moulded in relief on the machine or shown on a label.



WARNING

To reduce the risk of injury, user must read instruction manual.



GLOVES

Gloves should be worn where appropriate.



EYE & EAR PROTECTION

Approved eye & ear protection should be worn at all times during operation.



BOOTS

Wear sturdy, non-slip boots.



CLOTHING

Appropriate clothing should be worn during operation. Ensure clothing is made of strong fabric and is not baggy or loose.



FUEL FILLER

Location of the Fuel cap/filler point and fuel ratio required to run the machine correctly.



CLOSED CHOKE POSITION



OPEN CHOKE POSITION



ON/OFF

Learn the location of the on off switch and how to operate it correctly in case of emergency.

SAFETY SYMBOLS
SAFETY SYMBOLS



WARNING! To reduce the risk of injury, user must read instruction manual.



This symbol, before a safety comment, indicates a **PRECAUTION**, a **WARNING** or a **DANGER**. Ignoring this warning can lead to an accident for yourself or for others.



DANGEROUS VOLTAGE



REMOVE SPARK PLUG LEAD BEFORE MAINTENANCE



WARNING! Never to touch the spark plug while the engine is in operation. Doing so may result in being subjected to an electrical shock.



DO NOT USE IN THE WET.



GUARANTEED SOUND POWER LEVEL



DANGER! Petroleum spirit is highly flammable. No smoking or naked light.



FLAMMABLE



RISK OF FIRE - Do not add fuel when operating.



EXPLOSION HAZARD



DANGER! Keep away from sources of ignition.



WARNING! Risk of entanglement.



CONFORMS TO CURRENT SAFETY STANDARDS



DO NOT TOUCH THE MOVING PARTS OF THE MACHINE UNTIL THEY ARE COMPLETELY STOPPED.



KEEP BY STANDERS AWAY.





Keep all children, bystanders & helpers 15 metres away from the machine.



POISONOUS FUMES - Do not use in an enclosed space.



WARNING! Exhaust gas contains toxic substances.

Do not run the engine in closed or poorly ventilated areas.



WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST CHECK YOUR LOCAL AUTHORITY OR RETAILER FOR RECYCLING ADVICE.



WARNING! For outdoor use only.



HOT SURFACES WILL BURN FINGERS OR PALMS



HOT SURFACES.
Contains surfaces which may reach a high temperature during operation. Never operate with the motor housing removed.



DO NOT ADD OIL TO AIR FILTER



WARNING! Use of this product can pose a danger to wildlife. Check areas, particularly long grass and under bushes for signs of life. If necessary relocate.

NOTE: Not all animals will be deterred by the noise alone.



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

FOR SAFE OPERATION

FOR SAFE OPERATION



IMPORTANT SAFETY INFORMATION

Most accidents can be prevented if you follow the instructions in this manual and on the leaf blower. The most common hazards are discussed below along with the best way to protect yourself and others.



The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that **COMMON SENSE**AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO THIS PRODUCT BUT MUST BE SUPPLIED BY THE OPERATOR.

- Read and understand this owner's manual before operating the leaf blower. Failure to do so could result in personal injury or equipment damage.
- This leaf blower is designed to blow leaves, light materials (paper, plastic) from the ground and gather them into an area. Other uses can result in injury to the operator or to damage to the leaf blower and other property.
- Know how to stop the leaf blower quickly and understand the operation of all controls. Never permit anyone to operate the leaf blower without proper instructions.
- Do not allow children to operate the leaf blower. Keep children and pets away from the area of operation.

- Dress properly. Do not wear loose clothing or jewellery. Contain long hair. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery and long hair can be caught in moving parts.
- Do not operate the leaf blower in explosive atmospheres such as in the presence of flammable liquids, gases or dust. The engine creates sparks which may ignite the dust or fumes.
- Petrol is extremely flammable and petrol vapour can explode.
 Refuel outdoors in a well ventilated area with the leaf blower stopped. Never smoke near petrol and keep other flames and sparks away. Always store petrol in an approved container. If any fuel is spilled make sure the area is dry before starting the pump.
- The muffler becomes very hot during operation and remains hot for a while after stopping the engine. Be careful not to touch the muffler while it is hot. Let the engine cool before storing the leaf blower indoors.
- To prevent fire hazards and to provide adequate ventilation keep the leaf blower at least 3 feet away from other equipment during operation. Do not place flammable objects close to the leaf blower.
- Exhaust gas contains poisonous carbon monoxide. Avoid inhalation of exhaust gas. Never run the leaf blower in a closed garage or confined area.

- Use the correct leaf blower for your application. The correct leaf blower will do the job better and safer at the rate for which it is designed
- Save this manual. You will need this manual for the safety warnings and precautions, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.



BEFORE OPERATION - IS THE LEAF BLOWER READY TO GO?

For your safety and to maximize the service life of your equipment it is very important to take a few moments before you operate the leaf blower to check its condition. Be sure to take care of any problem you find or have a qualified mechanic correct it before operation.



WARNING - Improperly maintaining this leaf blower or failing to correct a problem before operation could cause a malfunction in which you could be seriously injured.



ALWAYS perform a pre-operation inspection before each operation and correct any problems. Before beginning your pre-operation checks be sure the leaf blower engine switch is in the OFF position.

CHECK THE GENERAL CONDITION OF THE LEAF BLOWER

- Check for signs of oil or petrol leaks.
- Check all the nuts, bolts, screws are tightened.
- Remove any dirt or debris around the engine, muffler and recoil.
- Look for signs of damage.

CHECK THE FLEXIBLE HOSE. STRAIGHT PIPES & BLOWER NOZZLE

- Check the condition of the flexible hose, straight pipes and blower nozzle. They must be in a serviceable condition before connecting them to the leaf blower.
- Check that all clamps are securely installed.
- Check that the throttle is in good condition and is installed on the throttle tube securely.

CHECK THE ENGINE

- Check the engine oil level. Running the engine with a low oil level can cause engine damage.
- Check the air filter. A dirty air filter will restrict air flow to the carburettor reducing engine performance.
- Check the fuel level. Starting with a full tank will help eliminate or reduce operating interruptions for refuelling.



WARNING - Carbon monoxide gas is toxic. breathing it can cause unconsciousness and even kill you. Avoid any areas or actions that expose you to carbon monoxide.

(8)

FOR SAFE OPERATION

FOR SAFE OPERATION

(i) GENERAL SAFETY INSTRUCTIONS

Leaf blowers are designed to give safe and dependable service if operated according to instructions. Read and understand this owners manual fully before operating this leaf blower. You can help prevent accidents by being familiar with the leaf blower controls and by observing safe operating procedures.



Know how to stop the leaf blower quickly in case of emergency. Be sure that anyone who operates the leaf blower receives proper instruction in it's safe use.

(i) CARBON MONOXIDE HAZARDS

Exhaust gases contain poisonous carbon monoxide, a colourless and odourless gas. Breathing carbon monoxide can cause loss of consciousness and may lead to death.



NEVER run this leaf blower in an enclosed space or partly enclosed space.



ALWAYS ensure a high level of ventilation in the area that you intend to use the leaf blower to avoid the potential build up of carbon monoxide.

- (i) FIRE AND BURN HAZARDS
 - The exhaust system gets hot enough to ignite some materials.
 - Keep the leaf blower at least 3 feet (1 metre) away from buildings

- and other equipment during operation.
- Do not enclose the leaf blower in any structure.
- Keep flammable materials away from the leaf blower.
- The muffler becomes very hot during operation and remains hot for a while after stopping the engine. Be careful not to touch the muffler while it is hot. Let the engine cool before storing the leaf blower indoors.
- Petrol is extremely flammable and is explosive under certain conditions. Do not smoke or allow flames or sparks where the leaf blower is refuelled or where petrol is stored. Refuel in a well ventilated area with the engine stopped.
- Fuel vapours are extremely flammable and may ignite after the engine has started. Make sure that any spilled fuel has been wiped up before starting the water pump.

LEAF BLOWER OPERATION

- Do not operate this product without being completely familiar on all safety aspects, functions and most importantly how to stop the engine in an emergency.
- Never use the leaf blower if the stop switch is FAULTY or not functional.
- Do not use the leaf blower indoors; fumes can kill. Only operate in a well ventilated area.

(i) MAINT

MAINTENANCE

- Never modify the leaf blower in anyway.
- Always maintain the leaf blower in good working order regularly serviced by an authorised service agent.
- Only use replacement parts supplied by the manufacturer.
- Only use fresh, clean and good quality fuel in the engine with the correct petrol to oil fuel mix ratio. (40:1 Petrol/Oil)
- Never refuel in close proximity to naked flames, sparks or other sources of ignition, e.g. cigarettes.
- Allow the engine to cool before refuelling and avoid spillage while refuelling.
- Wipe up and correctly dispose of any fuel spillage immediately with a suitable medium.
- Move away from the refuelling areas before restarting the engine.
- Store fuel for short periods only. Store in a container specifically designed for petrochemical applications away from heat and direct sun light.
- After each use clean the leaf blower thoroughly.
- Regularly check external nuts and fixings to ensure vibration caused by normal use has not begun to loosen them.



WARNING - do not operate this machine in any hazardous location Such areas include when there is a risk of an explosion of petrol fumes, leaking gas or explosive dust.



CAUTION - engine speed has been factory set to provide safe operation Tampering with the engine speed adjustment could result in overheating of attachments and could cause a fire. Never attempt to "speed up" the engine to gain more performance as this will result in the output being thrown out of their standard design parameters, potentially endangering the user and causing irreversible damage to the leaf blower.



NOTE - protect your leaf blower This leaf blower is NOT WEATHERPROOF and should not be exposed to direct sunlight, high ambient temperatures and damp, wet or high humidity conditions.

() GENERAL SAFETY IN THE WORKPLACE

Always keep work area clean & tidy. Cluttered work areas invite accidents. Never over-reach. Keep proper footing and balance at all times. Always Keep other persons away. Do not let persons, especially children, touch the leaf blower and keep them away from the work area. Always ensure the workplace is well lit. Ensure that lighting is placed so that you will not be working in your own shadow. Always Dress properly. Loose clothing or other jewellery may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Always wear safety glasses. (Everyday glasses are not safety glasses).

WHAT'S IN THE BOX







PRODUCT FEATURES

PRODUCT FEATURES



PRODUCT FEATURES
PRODUCT FEATURES





INSPECTION

NOTICE **FUEL MUST BE MIXED WITH 2 STROKE OIL AT A 40:1 RATIO** (PETROL:OIL) 40:1





Check the Leaf Blower is not damaged and all components are in good working order before use. Regular periodic inspection is required to ensure the Leaf Blower is suitable for the task.

Before using the Leaf Blower a risk assessment should be carried out respecting the legislation in the country of use.





Locate the Throttle Assembly inside the box the Leaf Blower arrived in. It is attached to the main body of the leaf blower via the throttle cable.

2 SLIDE THROTTLE ON TO THROTTLE TUBE



Loosen the wing nut on the throttle assembly and slide it on to the throttle tube. Rotate the throttle assembly so it fits over the two lugs on the end of the throttle tube.

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Fully inspect the Leaf Blower before use. Ensure all correct parts are supplied with the product.

If any parts are missing/damaged or for support contact ParkerBrand customer services directly on 01507 499198.

ASSEMBLY

3 TWIST AND SLIDE THROTTLE ON TO RAIL



Rotate the throttle assembly again and align it with the centre rail on the throttle tube.

SLIDE THROTTLE TO THE BASE OF TUBE



With the throttle assembly aligned with the centre rail, slide the throttle assembly all the way to base of the throttle tube. Tighten the wing nut to keep the throttle assembly in place.

5 ATTACH FLEXIBLE TUBE TO ELBOW



Attach the flexible tube to the elbow on the main body of the machine. It may take some force to get the flexible tube connected to the outlet.





Secure the flexible tube to the elbow using the tube clamp provided. To tighten the clamp turn the screw in a clockwise direction.

 \triangle

WARNING! Ensure the wing nut is tightened once the throttle assembly is seated in the correct position. **WARNING!** I the throttle is not secured in place the throttle cable can stretched causing over revving.

ASSEMBLY

7 ATTACH THROTTLE TO FLEXIBLE TUBE

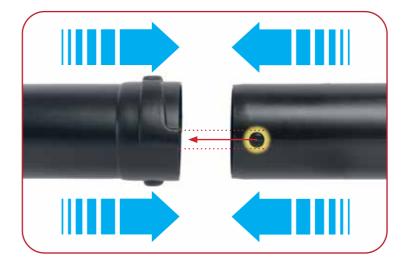


Attach the throttle tube and throttle assembly to the Flexible tube. It may take some force to get the throttle tube connected to the flexible tube. 8 TIGHTEN CLAMP



Secure the throttle tube to the flexible tube using the tube clamp provided. To tighten the clamp turn the screw in a clockwise direction.





Connect the straight pipe to the throttle tube.

Firstly align the lugs with the lug locators. The pipes are a tight fit to ensure a tight seal so it may take some force to slide the lug into the locator.





Once the lug is pushed all the way into the locator twist the pipes in opposite directions, this will lock the lug into position.

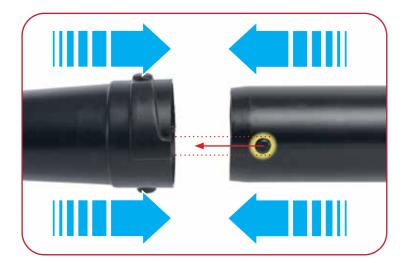
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NOTE: You can increase the length of the blower pipe by utilising the extra straight pipes provided.

NOTE: The amount of straight pipe used depends on the user and their personal prefference.

ASSEMBLY





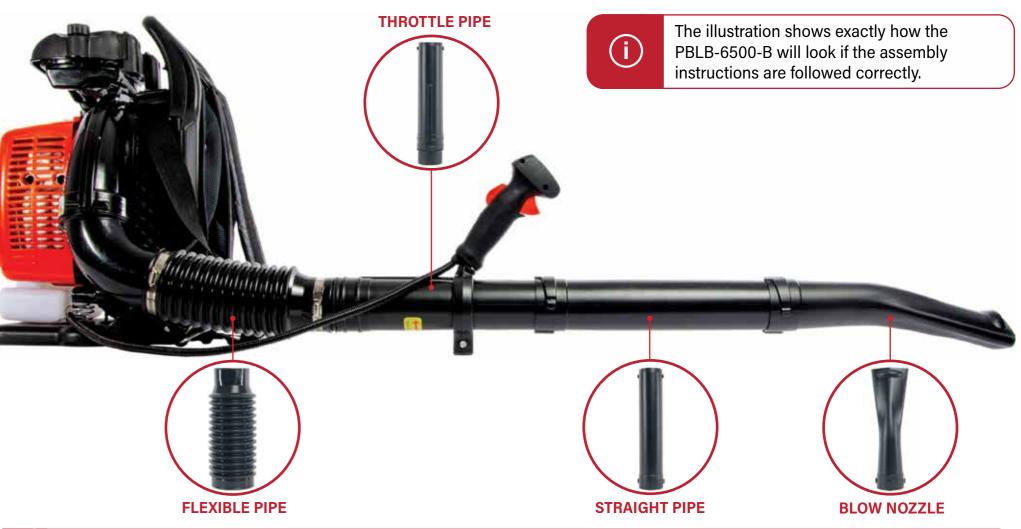
Connect the blower nozzle to the straight tube.

Firstly align the lugs with the lug locators. The pipes are a tight fit to ensure a tight seal so it may take some force to slide the lug into the locator.

12 TWIST AND LOCK NOZZLE



Once the lug is pushed all the way into the locator twist the pipes in opposite directions, this will lock the lug into position.



(i)

NOTE: The leaf blower is provided with x3 of the straight pipe, the illustration is shown with only one installed.

NOTE: You can increase the length of the blower pipe by utilising the extra straight pipes provided.

ADJUSTABLE STRAPS

ADJUSTABLE STRAPS





To tighten the shoulder straps first locate the metal hoop on the strap below the metal buckle.

PULL STRAP

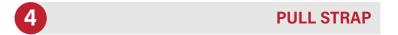


Simply pull the metal hoop the tighten the strap





To loosen the shoulder straps first feed the strap with the metal hoop back through the buckle.





With slack now on the strap with the metal loop pull the strap directly below. This will loosen the shoulder strap.

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NOTE: It is easier to adjust the shoulder straps and waistband correctly when the machine is being worn.



WARNING: If the machine is not secured correctly it could become damaged or cause injury to the user.

ADJUSTABLE STRAPS ADJUSTABLE STRAPS

TIGHTEN WAISTBAND



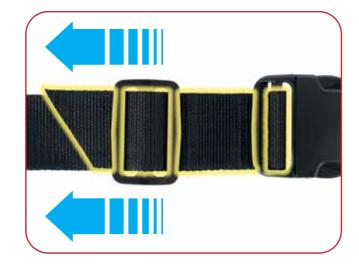
To tighten the waistband pull the strap away from the snap buckle.

2 **LOOSEN WAISTBAND**



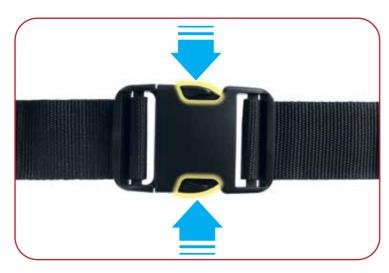
To loosen the waistband pull the strap away from the underside of the snap buckle.

3 SECURE STRAP



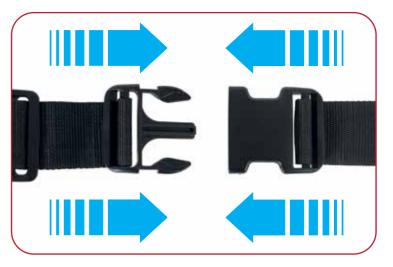
To secure the strap in place loop the strap through the buckle. This will stop the waistband from becoming loose and ensure a secure and comfortable fit.

RELEASE WAISTBAND SNAP BUCKLE



To release the waistband snap buckle compress the two tabs on the side of the snap buckle. The snap buckle will separate.





To lock the snap buckle simply slide the three pronged half of the snap buckle into the other half of the snap buckle. It will snap into place and remain secure until the two release tabs are compressed again.

WARNING: It is important that the shoulder straps and waistband are adjusted to ensure safe and comfortable use of the machine.



ALWAYS unclasp the waistband snap buckle first when removing the leaf blower from your person.

ADJUSTABLE STRAPS FILLING THE FUEL TANK

FRONT VIEW



With the shoulder straps and waistband adjusted correctly the leaf blower should sit comfortably and evenly on your person.

Ensuring the straps are adjusted correctly will enable you to use your machine for any task in hand and help remain as comfortable as possible.

The leaf blowers main body should sit parallel

with your back. The padded cushion will provide

comfort whilst the machine is in use.



REAR VIEW



The top of the Leaf blower main body should sit parallel with your shoulders and the base of the machine should sit near the lower part of your back.



REMOVE FUEL CAP



Place the machine on the ground or on a sturdy work surface, remove the fuel cap. Always refuel in a well ventilated area away from any



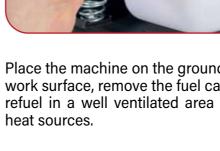
USE FUNNEL IN TANK OPENING



FILL FUEL TANK



Fill the tank with clean, fresh pre-mixed 40:1 fuel and 2 stroke oil mix using the fuel mix bottle provided with your machine. Once the tank is full replace the fuel cap.





FUEL MUST BE MIXED WITH 2 STROKE OIL AT A 40:1 RATIO (PETROL:OIL)

Place the funnel into the fuel tank filler neck to

aid with filling the tank and also prevent

spillages of fuel and oil.







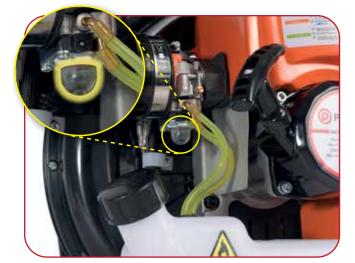
ALWAYS use extreme care when handling petrol it is highly flammable, do not smoke or light fires near the blower or stored fuel. **ALWAYS** stop the engine and allow the unit to cool down before refuelling. **NEVER** attempt to refuel whilst the engine is running or while the blower is being worn.

WARNING: Always turn off the machine before removing it from your person.

STARTING THE ENGINE

STARTING THE ENGINE





Prime the carburettor by pressing the primer bubble 7 to 10 times...

TURN THE ENGINE ON



The On/Off switch is spring loaded. Its default position is in the On (I) position.





Move the choke lever downwards to the closed position. For cold starts, make sure the choke lever is closed.





PULL STARTER RECOIL



Place the machine on the ground and hold firmly in place. Then pull the starter recoil slowly until you feel the resistance.

Pull the starter recoil upwards rapidly 2 to 3 times.



OPEN CHOKE



PULL STARTER RECOIL



Move the choke lever upwards to the open position. For warm starts the choke lever should be open.

(UP↑ Open position)





Pull the starter recoil upwards rapidly until the machine starts.

Let the engine run and warm for a few minutes before using it.

<u>∧</u>

WARNING! Do not attempt the starting procedure whilst the machine is being worn. **WARNING!** Always place the machine on a sturdy surface before attempting the starting procedure.

USING THE THROTTLE USING THE THROTTLE

USING THE THROTTLE



To use the throttle correctly you are required to unlock the throttle trigger by using the throttle lock enabling you to utilize the throttle trigger to increase the revs to the engine.

THROTTLE LOCK

3

THROTTLE TRIGGER



With the throttle trigger now unlocked use your index finger to activate the throttle and increase the revs to the engine.

Simply release the trigger to let the engine go back to its idle speed.

SETTING HALF THROTTLE



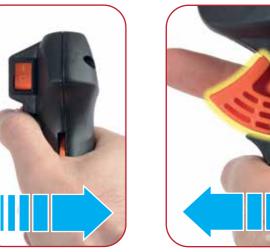
To set the leaf blower at half throttle unlock and pull the throttle trigger.

You can set half throttle when the machine is on or off.

ENGAGE AUTO REV SWITCH



RELEASE THROTTLE TRIGGER



With the throttle engaged press the Auto Rev Switch with your thumb.



Release the throttle trigger.

WARNING! Take extra care to make sure there is no wildlife in the area you are planning to use the backpack leaf blower. WARNING! If necessary relocate wildlife, not all animals will be deterred by the noise from the machine alone.

With the heel of your hand press on the throttle lock to release the throttle trigger.



WARNING! Take extra care to make sure there are no hard or sharp objects in the area you are working. **WARNING!** Using the blower on hard or sharp objects is dangerous and can cause injury to people and damage to property.

USING THE THROTTLE STOPPING THE ENGINE

4 HALF THROTTLE IS NOW SET



DISENGAGE AUTO REV SWITCH



Half throttle is now set and the engine will remain revving at half throttle until the auto rev switch is disengaged or the machine is turned off.



To disengage the auto rev switch simply pull the throttle trigger



When you pull on the throttle trigger the auto rev switch will automatically disengage





Release the throttle trigger.





Move the On/Off switch to the Off (O) position. This will cut the power to the engine.

The On/Off switch is spring loaded. Its default position is in the On (I) position. The switch will automatically spring back to the On (I) position after the Off (O) position has been pressed.

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NOTE: Half throttle can be used on cold starts to aid the starting of the machine, once the machine is warm it can be disengaged.

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SERVICING THE AIR FILTER



Remove the air filter retaining knobs. Turn them in an anti-clockwise direction then pull them out of the air filter cover.



2

REMOVE AIR FILTER COVER



With the retaining knobs removed the air filter cover is easily removed.

Be sure to keep the exterior of the air filter clean by wiping it regularly with a damp cloth.



REMOVE FILTER FROM COVER



Remove the sponge element from the filter cover.
The sponge element can be cleaned with
lukewarm water and mild soap. Rinse well with
clean water and allow to dry fully before replacing
it.



REMOVE FILTER FROM FILTER HOUSING



Remove the filter from the filter housing. The filter can be cleaned with lukewarm water and mild soap. Rinse well with clean water and allow to dry fully before replacing it.



NOTE: The air filter is designed to run dry, do not add oil to any of the filter elements.



NOTE: Only use lukewarm water and mild soap detergent when cleaning the air filter elements. **ALWAYS** make sure the air filter elements are thoroughly dry before refitting them to the machine.

MAINTENANCE MAINTENANCE



The illustration shows exactly what order to place the parts to successfully attach the air filter to the leaf blower..



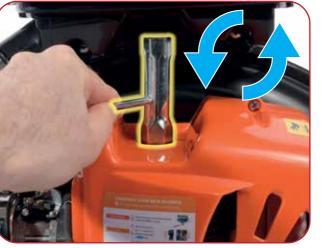
LOCATE SPARK PLUG



Locate the spark plug on the machine and remove the spark plug lead. The spark plug lead can easily be removed by hand.

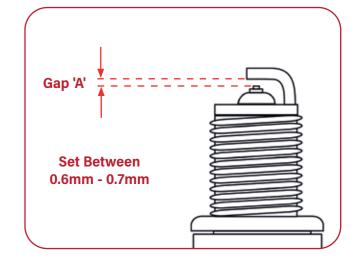
REMOVE SPARK PLUG

CHECK SPARK PLUG GAP



Use the spark plug wrench provided in the PBLB-6500-B tool kit to remove the spark plug. Carefully turn the spark plug in an anti-clockwise direction to loosen it.

Remove any carbon build up that has accumulated around the spark plug.



Check the spark plug gap (A), it should be between 0.60 and 0.70 mm.

Reinstall the spark plug by hand first then tighten with the spark plug wrench. Do not over tighten.

Attach the spark plug cap to the spark plug.



WARNING! Always make sure the machine is off before checking the spark plug. **WARNING!** Never attempt any maintenance on the machine whilst it is running as there is a risk of burning/electric shock.

WARNING! Do not run the machine without the air filter installed, it can damage the engine beyond economical repair.



MAINTENANCE AND CARE

Make sure to always stop the engine, remove the spark plug lead and make sure that all moving parts have stopped before performing any checks or maintenance.



WARNING - Do not modify the machine or any of the moving parts in anyway. Using this machine in a way that was not intended by the manufacturer may cause SERIOUS INJURY OR DEATH.

Keep the machine clean, especially the areas close to the fuel tank and the air filter.

Never make adjustments to the machine when it is running. Perform all maintenance on the machine when it is on a flat, clear surface.

Always use appropriate spare parts, in order to obtain the best operation and to avoid damage and risks to the machine and/or the user. Thee use of non original spare parts may risk accidents, personal injury and breaking the machine.

Do not adjust the carburettor yourself. If you have problems with the carburettor, contact ParkerBrand directly. Adjustment of the carburettor is complicated. Therefore we recommend that this is done by ParkerBrand. Incorrect adjustments may cause damage to the engine which will void the warranty.

You may cause accidents, personal injury, and breaking the machine if you remove the safety systems, perform poor maintenance or substitute spare parts for non-original parts.



PERIODIC MAINTENANCE

Perform periodic inspections of the machine, to make sure it is operating properly. For a complete check-up and service, we recommend that you contact ParkerBrand customer services directly on 01507 499198.



Always use appropriate spare parts, in order to avoid damage and risks to the machine and the user. The use of non original spare parts may risk accidents, personal injury and breaking the machine.



(i) STORAGE

Proper storage preparation is essential for keeping your machine trouble free and looking good. The following steps will help to keep rust and corrosion from impairing your pump's function and appearance, and will make the machine easier to start when you next use it again. If possible avoid storage areas with high humidity because that promotes rust and corrosion.

Stop the engine and let it cool down for 15 minutes before you put the machine away The exhaust pipe continues to be hot after the engine stops. Never place the machine near flammable material (dry grass, etc.) gas, or liquid fuel. Make sure the machine stays out of the reach of children.

If it contains fuel, never put the machine inside a building where the vapours may come into contact with a flame, a spark or a source of intense heat. If the machine is not to be used for an extended time period, empty all the fuel from the fuel tank and the carburettor, clean up any fuel spillages and put the machine in a safe, dry place.



) CLEANING

- 1. If the engine has been running, allow it to cool for at least an hour before cleaning
- Wash the machine by hand, and be careful to prevent water from entering the air cleaner or muffler opening. Keep water away from controls and all other places that are difficult to dry, as water promotes rust.



WARNING - Never use a garden hose or a pressure washer to clean the machine. A garden hose/pressure washer can force water into the air filter or muffler opening. Water that passes through the air filter or muffler can enter the cylinder, causing damage.



WARNING - Water contacting a hot engine can cause damage. If the engine has been running, allow it to cool for at least an hour before washing.

- 3. Wipe dry all accessible surfaces.
- 4. Once clean and dry, Lubricate controls with a silicone spray lubricant.

 $\left(43\right)$



REMOVAL FROM STORAGE

Check the machine is as described in the PRE-OPERATION chapter of this manual. If the fuel was drained during storage preparation, fill the tank with fresh petrol. If you keep a container of petrol for refuelling be sure that it contains only fresh petrol.

If the cylinder was coated with oil during storage preparation, the engine may smoke briefly at start-up. This is normal.



FUEL

Petrol will oxidise and deteriorate in storage. Old petrol will cause hard starting and it leaves deposits that clog the fuel system. If the petrol in your engine deteriorates during storage you may need to have the carburettor and other fuel system components serviced or replaced.

The length of time that petrol can be left in your fuel tank and carburettor without causing functional problems will vary with such factors as fuel blend, your storage temperatures and whether the fuel tank is partially or completely filled. The air in a partially filled fuel tank promotes fuel deterioration. Very warm storage/temperature accelerate fuel deterioration. Fuel deterioration problems may occur within a few months or even less if the petrol was not fresh when you filled the fuel tank.



DRAINING THE FUEL TANK AND CARBURETTOR

- Place an approved petrol container below the carburettor and use a funnel to avoid spilling fuel.
- 2. Remove the carburettor drain bolt and move the fuel valve lever to the ON position.



WARNING - Petrol is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Keep heat, sparks and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.
- After all the fuel has drained into the container reinstall the drain bolt and tighten it securely.



ENGINE OIL & FUEL MIX RATIO

- This machine requires 2-stroke engine oil.
- Mix 2-stroke engine oil with petrol at a 40:1 Ratio (Petrol:Oil).
- Use the fuel mix bottle provided to measure the ratio correctly.
- Not enough oil (lean mix) will score the piston.
- Too much oil (rich mix) will cause the engine to smoke.
- Using no 2-stroke oil will result in engine failure.
- Be careful when handling fuel or oil as prolonged exposure can be harmful.



CHECK THE AIR FILTER

Obstruction of the air filter will cause engine problems. Check and clean it regularly. If damaged, replace it with a new filter. The engine will not work properly without the filter installed and it can damage the engine permanently.



CHECK THE FUEL FILTER

The fuel tank has a filter. This part is located at the end of the fuel hose and can be removed using a wire in the shape of a crochet hook, or another similar method. Periodically check the fuel filter. Do not allow dust to enter the fuel tank. Obstruction of the filter makes starting more difficult or produces engine malfunctions. When the fuel filter is dirty, replace it. If necessary you can clean the interior of the fuel filter with fuel.



CHECK THE SPARK PLUG

Frequently, starting or ignition problems are caused by a dirty spark plug. Clean the spark plug and check that the spacing of the electrodes are spaced correct (0.6 - 0.7 mm).

MAINTENANCE



CHECK THE COOLING FINS

The fins of the engine case are responsible for cooling off the cylinder through contact with the air. The fins should always be clean.

Dirty/clogged fins can overheat the engine, which it turn may cause seizure. Regularly check and clean the fins.

PART	EVERY 2 FUEL FILLS	EVERY 10 FUEL FILLS	ONCE PER YEAR
Air Filter	X		
Fuel Filter			X
Spark Plug		X	
Cooling Fins		X	



TRANSPORTATION

Always stop the engine when you transport the machine to a different work area. Stop the engine and let it cool down for 15 minutes before moving it. A hot engine and exhaust system can burn you and can ignite some material.

Only transport the machine when the engine is off and cooled down. If you transport the leaf blower by vehicle, secure it firmly so that it can't slide or move. Keep the leaf blower level when transporting to reduce the possibility of fuel leakage.



INFORMATION ABOUT DISPOSING & RECYCLING

Dispose of your equipment in an ecological manner. Machines should not be disposed of along with domestic waste.. Plastic and metal components should be classified according to their nature and recycled.

Materials used for packaging the machine are recyclable.

Please do not discard the packaging with domestic waste.

Discard this packaging in an official recycling centre.

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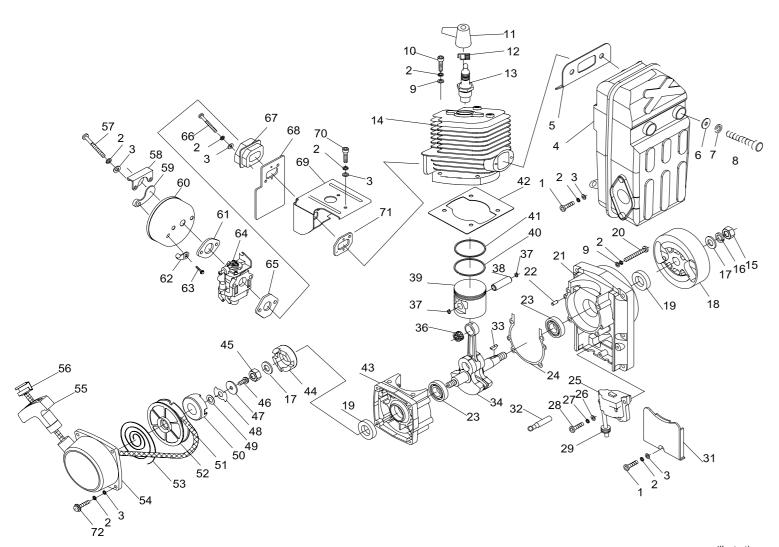
TROUBLESHOOTING

IS THERE COMPRESSION	IS THERE A SPARK	PROBABLE CAUSE	CORRECTIVE ACTION
		There is no fuel in the tank	Add fuel to the tank
		The fuel filter is dirty	Clean the filter
		There is water in the fuel	Change the fuel
Yes	Yes	The fuel used is not appropriate	Use fuel with an appropriate octane level & 100% synthetic oil
		The air intake pipe connecting to the carburettor is loose	Tighten air intake pipe
		The carburettor is dirty/blocked	Contact ParkerBrand
		The switch is in the Off (O) Position	Put the switch in the On (I) position
Yes	No	The spark plug is dirty	Clean the spark plug
		The spark plug lead is disconnected	Connect the spark plug lead
		The spark plug is loose	Tighten it
Loss of compression	Voc	Piston/cylinder worn	Contact ParkerBrand
	Yes	The cylinder is damaged	Contact ParkerBrand
The engine does not turn		Seized engine	Contact ParkerBrand

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION				
	Worn piston	Contact ParkerBrand.				
ENGINE RUNS POORLY	Worn piston rod bearing	Contact ParkerBrand.				
ENGINE RUNS POURLY	Worn crankshaft bearing	Contact ParkerBrand.				
	Worn crankshaft	Contact ParkerBrand.				
	Long periods of use (20 mins)	Have 10 minutes breaks to allow the machine to cool.				
ENGINE OVERHEATS	Dirty / Blocked exhaust pipe	Contact ParkerBrand.				
	The fuel used is not appropriate	Use fuel with an appropriate octane level & 100% synthetic oil.				
	Dirty / Blocked carburettor	Contact ParkerBrand.				
ENGINE HAS TROUBLE STARTING	Dirty / Blocked air filter	Clean Air Filter.				
	Dirty / Blocked fuel filter	Clean Fuel Filter.				
ENGINE WILL NOT IDLE	Carburettor needs adjustment	Contact ParkerBrand.				

If this does not solve your problem, please contact the ParkerBrand customer service department 01507 499198.

PBLB-6500-B EXPLODED PARTS DIAGRAM 'A'
PBLB-6500-B PARTS INDEX 'A'

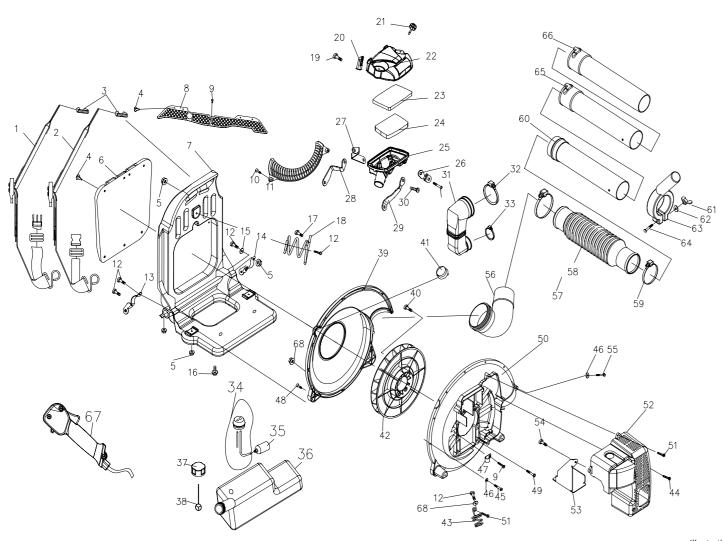


Illustrations accurate at time of going to print.
Please be aware products and parts may change design without notice.
For a High Resolution copy of this exploded parts diagram please visit www.parkerbrand.com

PBL	PBLB-6500-B PARTS INDEX										
1	BOLT	14	CYLINDER	27	WASHER	42	GASKET	55	HANDLE	68	GASKET
2	WASHER	15	NUT	28	BOLT	43	REAR CRANKCASE	56	PACK	69	GUIDE AIR PLATE
3	WASHER	16	WASHER	29	GROMMET	44	RATCHET	57	SCREW	70	SCREW
4	MUFFLER	17	WASHER	31	RETAINER	45	NUT	58	BAFFLE	71	GASKET
5	MUFFLER GASKET	18	ROTOR	32	STOP WIRE	46	SCREW	59	CHOKER	72	SCREW
6	WASHER	19	SEAL	33	KEY	47	WASHER	60	COVER	-	-
7	WASHER	20	BOLT	34	CRANKSHAFT	48	GUIDE SLICE	61	GASKET	-	-
8	BOLT	21	FRONT CRANKCASE	36	BEARING	49	WASHER	62	HANDLE	-	-
9	WASHER	22	PIN	37	RING	50	START WHEEL	63	SCREW	-	-
10	BOLT	23	BEARING	38	PISTON PIN	51	ROPE	64	CARBURETTOR	-	-
11	CAP	24	GASKET	39	PISTON	52	PULLEY	65	GASKET	-	-
12	SPRING	25	ROTOR	40	PISTON RING	53	SPRING	66	SCREW	-	-
13	PLUG	26	WASHER	41	PISTON RING	54	CASE	67	PIPE	-	-

PBLB-6500-B EXPLODED PARTS DIAGRAM 'B'

PBLB-6500-B PARTS INDEX 'B'



Illustrations accurate at time of going to print.
Please be aware products and parts may change design without notice.
For a High Resolution copy of this exploded parts diagram please visit www.parkerbrand.com

PBL	PBLB-6500-B PARTS INDEX										
1	STRAP	14	HOOK HOUSING B	27	BRACKET	40	BOLT	53	THERMAL BAFFLE	66	BLOW PIPE
2	STRAP	15	WASHER	28	BRACKET	41	PLUNGER	54	SCREW	67	CONTROL BOX
3	AXIS	16	BOLT	29	BRACKET	42	IMPELLER	55	BOLT	68	NUT
4	CLIP	17	BOLT	30	SCREW	43	SPRING	56	JOINT	-	
5	NUT	18	SPRING	31	CANISTER	44	SCREW	57	НООР	-	-
6	BACK PAD	19	SCREW	32	НООР	45	BOLT	58	HOSE	-	-
7	FRAME CARRIER	20	COVER	33	НООР	46	WASHER	59	НООР	-	
8	PROTECTIVE SCREEN	21	BOLT	34	OIL PIPE	47	CLIP	60	BLOW PIPE	-	
9	SCREW	22	LOAM CAKE	35	FILTER CLEANER	48	SCREW	61	NUT	-	-
10	SCREW	23	FILTER ELEMENT	36	FUEL TANK	49	BOLT	62	WASHER	-	-
11	PROTECTIVE SCREEN	24	FILTER ELEMENT	37	LID ASSEMBLY	50	FRONT BASE	63	HANDLE	-	-
12	BOLT	25	LOWER COVER	38	CHAIN	51	SCREW	64	BOLT	-	-
13	HOOK HOUSING A	26	BRACKET	39	BACK BASE	52	CYLINDER COVER	65	BLOW PIPE	-	-

SPECIFICATION

PBLB-6500-B TECHNICAL SPECIFICATIONS	BLB-6500-B TECHNICAL SPECIFICATIONS									
Engine	2-Stroke	Fuel Tank capacity (L)	1.8L							
Displacement (cm³)	63.3	19.2								
Power (kW)	2.7	Average Decibel Level LwA (dB(A))	107							
Engine RPM idle (min ⁻¹)	2,800	Average Guaranteed Decibel Level LwA (dB(A))	111							
Engine RPM max. power (min ⁻¹)	8,000	Average Level of Sound Pressure LpA (dB(A))	95.1							
Fuel Mix Ratio (Petrol/2 Stroke Oil)	40:1	Level of Vibration of the Main Handle (m/s²)	1.46							
Fuel Consumption at max power (kg/h)	1,253	Dry Weight (kg)	10							

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*All measurements are approximate.
If you require further information please contact ParkerBrand directly

GUARANTEE

DECLARATION OF CONFORMITY

Your machine has been made and assembled with care. In view of this, Parker Products Ltd guarantees your product against defective material or damage for period of a minimum of 12 months from the date of purchase. A proof of purchase must be provided with the product.

If any fault is caused by defective materials or the quality of the build, repair will be carried out free of charge. However, this guarantee does not apply in the case of normal wear and tear.

This includes items such as recoils, starting mechanisms, spools, carburettors, blades and the like. Please go to www.parkerbrand.com in order to view the full warranty terms and exemptions from the warranty. Any damage caused by misuse, accident or any repair from an unauthorised agency is absolutely not covered by our warranty.

In case of any fault please contact us directly or return the product to us, Parker Products Ltd, or an authorised repair agent. You can find all contact information on the ParkerBrand website.

In order for you to affect your guarantee you must provide proof of purchase in the form of a dated receipt or invoice within the 12-month period of purchase. If repairs are outside of the warranty period, a quote will be made accordingly.

Description & Function:

65CC Backpack Leaf Blower

Model/Type:

PBLB-6500-B

Manufacturing Date/Serial Number:

2022

Conforms to the following Directives:

- ☑ Electromagnetic Compatibility Directive (2014/30/EU)
- ☑ Noise Emission Directive by equipment for use outdoors (2000/14/EC+2005/88/EC)
- ☑ The Emission of Gaseous & Particulate Pollutants for Internal Combustion Engines to be Installed in Non-road Mobile Machinery (2006/105/EC)

and to the harmonised standard have been complied with:

- ☑ EN 15503:2009+A2:2015
- √ EN ISO 12100:2010

Conformity Assessment Procedure: 2006/42/EC - Annex I

Maximum Power - 2.8kW

Measured Sound Power Level - LwA: 107dB(A) Guaranteed Sound Power Level - LwA: 111dB(A)

Having been type examined to the requirements of the directives by:

ISET S.r.l.,

Sede Legale E Uffici,

Via Donatori di sangue, 9 - 46024 Moglia (MN).

Certificate number: ISETC.002320200414

Manufacturer's authorised representative within the EC:

Parker Products Ltd. Richmond Park Richmond Road Louth LN11 0FU

Technical file complied by:

Parker Products Ltd.

Being the responsible person appointed by the manufacturer.

Signed:



Date: 05/01/22 Name: Jason Parker

Position: Managing Director **Company:** Parker Products Ltd.



PBLB-6500-B

June 2022 Rev 1.1