Read all safety warnings and all instructions thoroughly before operating this product. Ensure you keep your manual in a safe place for future reference.

IM Ed4 02/2020
QR codes take you where you want to go quicky and easily

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How it works
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Try it out now
Just scan the QR code with your smartphone and find out more about the Aldi product you have purchased*.

* Depending on your tariff you may be charged for the connection.
Congratulations on the purchase of your Ferrex® 51.7cc 2 Stroke Petrol Backpack Blower. When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

**Intended use of 51.7cc 2 Stroke Petrol Backpack Blower**

**NOTE:** This product is for private domestic DIY use only. It is not suitable for commercial or trade use.

This 51.7cc 2 Stroke Petrol Backpack Blower is designed for moving leaves and other garden debris; perfect for patios and driveways.

**IMPORTANT INFORMATION.**

**NOTE:** This is a 51.7cc 2 Stroke Petrol Backpack Blower. The fuel tank must be filled with a 40:1 mix of fuel and 2 stroke oil. Fresh unleaded fuel must be used in this unit.

Do NOT use Ethanol based fuels. Use good quality 2 Stroke oil.

**NOTE:** First time users or inexperienced operators pay particular attention to the operation of the Blower, including details of starting and stopping and correct use of the Blower on pages 23-27, as well as the maintenance instructions on pages 28-30.

**Contents of carton**

1 x 51.7cc Petrol Backpack Blower
1 x Flexible pipe with 2 adjustable clamps (not fitted)
1 x Upper blow tube with fitting clamp ring for throttle handle (not fitted)
1 x Middle blow tube with assembly screw (not fitted)
1 x Lower blow tube with assembly screw (not fitted)
1 x Throttle control handle (not fitted)
1 x Socket spanner for spark plug
1 x Combination screwdriver (Philips / slot type)
1 x Fuel / Oil mixing bottle
1 x Instruction manual
1 x Warranty Card & Certificate
1 x Quick Start Guide
Description of symbols

The instruction manual, rating plate, or on the product itself, may show these symbols. These represent important information about the product or instructions on its use.

- **Read instruction manual before operating this machine**
- **Keep bystanders away. Beware of objects being flung out. Use at a distance of at least 15m from other people.**
- **Warning of hazard. Risk of hand and feet injuries.**
- **Warning**
- **Explosive material**
- **Extremely hot surface. Do not touch a hot muffler, gear box or cylinder, you may get burned. These parts get extremely hot from operation and remain hot for a short time after the unit is turned off.**
- **Conforms to relevant standards for electrical safety and electromagnetic compatibility.**
- **Wear breathing protection. Wear hearing protection. Wear eye protection**
- **Do not put in water or expose to rain.**
- **Wear protective gloves**
- **Wear protective footwear**
- **60 Months Warranty (5 years)**
General safety warnings

Safety instructions

WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

The term “power tool” in all of the warnings below refers to your mains-operated (corded) power tool, garden power tool, battery-operated (cordless) power tool or your petrol operated garden tool.

Save these instructions

Work area

• Ensure the area to be blown is clear and free of debris, rocks, gravel, garden furniture etc.
• Keep work area clean and well lit. Cluttered and dark areas invite accidents.
• Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
• Ensure all animals, children and bystanders are at least 20m away while operating this blower. Distractions can cause you to lose control.

Personal safety

• Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
• Use safety equipment. Always wear eye protection. Safety equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
• Remove any adjusting key or spanner before turning the tool on. A spanner or a key that is left attached to a rotating part of the power tool may result in personal injury.

• Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

• Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

• If devices are provided for the connection of dust extraction and collection facilities ensure that these are connected and properly used. Use of these devices can reduce dust-related hazards.

**Power tool use and care**

• Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

• Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

• Turn tool off completely before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

• Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

• Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool’s operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

• Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

• Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.
Safety rules for Petrol Backpack Blowers

Training
• Read the instructions carefully. Get familiar with the controls and proper use of the equipment.
• Non-skilled persons and first time users should read and understand the full instruction manual before proceeding with use of the product or recommended maintenance tasks.
• Only use the blower for the purpose for which it was designed, i.e. blowing garden debris. Any other use can be hazardous, causing damage to the machine.
• Never allow children or people unfamiliar with these instructions to use the blower. Local regulations may restrict the age of the operator.
• Never use the blower:
  – When people, especially children, or pets are nearby.
  – If the operator has taken medicine or substances that can affect his ability to react and concentrate.
• Remember that the operator or user is responsible for accidents or hazards occurring to other people or their property.
• Do not use unit around people with long hair.
• Dress appropriately. Do not operate with loose clothing or jewellery. Ensure there is a gap between the air intake and the operator.

Preparation
• While blowing always wear sturdy non-skid footwear and long trousers. Do not operate the equipment with bare feet or open sandals.

WARNING: DANGER!

Engine fuel is highly flammable:
– Store fuel in containers specifically designed for this purpose.
– Refuel using a funnel and outdoors only. Do not smoke while refuelling or whenever handling the fuel.
– Add fuel before starting the engine. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot.
– If fuel is spilled, do not attempt to start the engine but move the ma-
chine away from the area of spillage and avoid creating any source of igni-
tion until the fuel has evaporated and the vapour dispersed.

- Replace all fuel tanks and containers caps securely.

- Substitute faulty silencers.
- Before use, always inspect the machine and check that the screws are not worn or damaged.
- It is advisable to wear suitable eye protection (safety glasses) ear protec-
tion, and sturdy gloves when operating the blower.
- Always check for any objects that may block the air intake screen before beginning work. A clogged air intake reduces the machine’s blowing ca-
pacity and increases the engine’s working temperature, which can result in engine failure. Stop the engine and remove the object.

Maintenance and storage

- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition. Regular maintenance is essential for safety and perfor-
manence.
- Never store the equipment with fuel in the tank inside a building where vapour may reach a flame or a spark or a source of extreme heat i.e a water heater.
- Allow the engine to cool before storing in an enclosed space.
- To reduce the fire hazard, keep the engine, exhaust silencer, battery compartment (if applicable) and fuel storage area free of grass, leaves, or excessive grease.
- If the fuel tank has to be drained, this should be done outdoors and when the engine is cool.
- For reasons of safety, do not use the equipment with worn or damaged parts. Parts are to be replaced and not repaired. Parts that are not of the same quality can damage the equipment and be dangerous for your safety.
- Fuel goes off fairly quickly. If you find your blower does not start, first change the fuel in the tank with newly purchased fuel.

Service

- Have your power tool serviced by a qualified repair personnel using only
identical replacement parts (recoil starter, spark plug, collection bag, tubes, blades / impellor). This will ensure that the safety of the power tool is maintained.

Operation safety instructions

**WARNING. Stop the engine and unplug the spark plug before any repairs or maintenance operations.**

- This machine is extremely noisy and operators must wear acoustic protection equipment.
- Rotating parts can cause serious injury, avoid contacting the rotating parts when is still rotate.
- Try not to cause any disturbance. Use this machine at reasonable times of the day only (not early morning or late evening when the noise could cause disturbance).
- Check that all nuts, bolts and screws are well tightened before every use.
- Do not run the engine in an enclosed and/or poorly ventilated area. The gas of the engine contains carbon monoxide, which is dangerous to your health.
- Work only when there is sufficient light.
- Do not use the blower when it is raining or when the grass is wet.
- Do not use the blower near open windows due to possible debris entering.
- Caution must be taken while blowing on slopes.
- Turn off the engine if you must leave the blower unattended.
- Never change the rated speed of the engine in any way.
- Stop the engine and remove the spark plug cover in these cases:
  - Before any maintenance, repairing or checking operations.
  - If you leave the blower unattended.
  - If the blower vibrates in an abnormal way, take the blower to an authorised service centre.
  - Check the bolts and nuts regularly. Bolts and nuts may vibrate loose over time.
WARNING: DANGER!
Engine fuel is highly flammable:
• Keep fuel in a fuel can specially made for this purpose.
• Fill the fuel tank with a funnel and outside. Do not smoke or use a mobile phone during this process.
• Fill with fuel / 2 Stroke oil mix before starting the engine. Never open the cap of the fuel tank to add fuel / 2 stroke oil mix while the engine is running or still hot.
• Do not start the engine if there is spilt fuel on the blower or in the area surrounding. Take the blower away from the zone where fuel has been spilt and avoid any contact from a hot source as long as the spilt fuel is completely evaporated.
• Tighten the fuel tank cap and fuel can cap tightly.

WARNING: This blower is not suitable for use for children below the age of 14 years old. Children below the age of 14 years old should not use, or be in reach of this blower during its operation.

WARNING: If something breaks or an accident occurs while working, turn off the engine immediately and move the machine away to prevent further damage; if an accident occurs with injuries or third parties are injured, carry out the first aid measures most suitable for the situation immediately and contact the medical authorities for any necessary health care. Carefully remove any debris that might cause damage or harm persons or animals should they not be seen.

Additional safety rules for Petrol Blowers

• Do not operate in a hazardous location. Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dust.
• Do not operate in a confined area. Exhaust gases, smoke or fumes could reach dangerous concentrations.
• Protect your blower. This blower is NOT WEATHERPROOF and should not be exposed to direct sunlight, high ambient temperature and damp, wet or high humidity conditions.
• Do not smoke while refuelling. This is potentially dangerous as it may ignite the fuel and cause an explosion.
• Take care not to spill fuel. When refuelling the blower ensure that the motor has been switched off. Prevent the spilling of fuel as this may also ignite with the hot motor. Never refuel whilst the engine running.
• Be careful where you store the blower. Store the blower in a dry area away from flammable liquids.
• Keep your distance. The blower emits exhaust fumes. Ensure bystanders keep a safe distance.
• Fill with Fuel / oil mix before starting the engine. Never open the cap of the fuel tank to add the fuel / oil mix while the engine is running or still hot. The engine may overheat and cause damage to the blower.
• Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot.
• Do not smoke when filling fuel tank.
• Stop the engine before re-fuelling.
• Stop the engine and disconnect the spark plug wire:
  – If the blower starts to vibrate abnormally (find and remove the cause of the vibration immediately).
• Reduce the throttle before turning off the engine and turn the fuel off when you have finished blowing.
• The user is responsible for the safety of other people, animals and objects in the working area. Keep children and domestic animals at a safe distance while the blower is in use.

⚠️ WARNING: This blower is not suitable for use for children below the age of 14 years old. Children below the age of 14 years old should not use, or be in reach of this blower during its operation.
Parts List

1. Carry handle
2. Shoulder straps
3. Elbow tube
4. Flexible pipe (with 2 x adjustable clamps)
5. Upper blow tube (with fitting clamp ring for throttle handle)
6. Middle blow tube (with assembly screw)
7. Lower blow tube (with assembly screw)
8. Throttle control handle
9. Spark plug cover
10. Choke knob
11. Fuel tank cap
12. Fuel tank
13. Throttle cable
14. Fixing clip for throttle cable
15. Throttle trigger
16. Stop/Start/MAX speed lever
17. Air filter cover
18. Air filter locking knob
19. Air filter
20. Plastic netting
21. Plastic harness
22. Padded harness
23. Primer bulb
24. Recoil starter
25. Spark plug
26. Lock knob for fixing throttle handle
27. Clamp gear(s) on clamp ring for fixing throttle handle
28. Lock nut for fixing throttle handle
29. Shoulder strap connection point(s)
30. Fuel / Oil mixing bottle
31. Socket spanner for spark plug
32. Combination screwdriver (Philips / slot type)
51.7cc 2 Stroke Petrol Backpack Blower

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(toll free)
e-mail: info.aldi@positecgroup.com
1300 889 028

MODEL: SBV521 • 02/2020 • 13177
Assembly

Preparation of the blower prior to use
This Petrol Backpack Blower requires some assembly prior to use. This includes joining of the blower tubes (4,5,6,7), and securing the throttle control handle (8) to the upper blow tube (5).

Setting up for use

⚠️ **WARNING:** Blower tube installation affects both blower balance and performance.
Stop the engine before installing or removing the blower tubes. Never perform any maintenance or assembly procedures on this machine while the engine is running.

Assembling the flexible pipe (4)
1) Place the blower in an upright position on the ground or on a sturdy work surface (See Fig A1).
2) Loosen the 2 x adjustable clamps on the flexible pipe (4) using the slot end of the combination screwdriver (32) by turning the screw on the clamp in an anti-clockwise direction until they are loose on each end of the flexible pipe (4) (See Fig. A2)
3) Insert the larger opening end of the flexible pipe (4) over the end of the elbow tube (3) to the end until it hits the raised ridge on the end of the elbow tube (3) (See Fig. A3)
4) Secure the adjustable clamp on the flexible pipe (4) using the slot end of the combination screwdriver (32) by turning the screw on the clamp in a clockwise direction until it tights. (See Fig. A4)
5) Before proceeding to add the other tubes for assembly, the throttle control handle (8) needs to be assembled onto the upper blow tube (5) first.
Assembling the throttle control handle (8) to the upper blow tube (5)

1) Rotate the clamp ring and push it further along the tube, to ensure the notch on the clamp ring engages the raised channel on the upper blow tube (5). (See Fig. B1)

2) Loosen the lock knob (26) for fixing throttle handle by turning it in an anti-clockwise direction. Then remove the lock knob (26) from the lock nut for fixing throttle handle (28). Be careful not to lose the lock nut (28). (See Fig. B2)

3) Keep the lock nut (28) in its original hole in the clamp gear (27) on the clamp ring. Align and insert the lock knob for fixing throttle handle (26) through the raised cylinder at the bottom of the throttle control handle (8), and the 2 clamp gear(s) on clamp ring for fixing throttle handle (27). (See Fig. B3)

4) Clamp and make sure the raised cylinder at the bottom of the throttle control handle (8), and the 2 clamp gear(s) on clamp ring for fixing throttle handle (27) bite each other tightly. Secure the throttle control handle (8) by turning it in a clockwise direction until the lock knob (26) tightens securely. (See Fig. B4)

5) To adjust the position of the throttle control handle (8), first loosen but do not remove the lock knob (26) by turning it in an anti-clockwise direction, then slide the clamp ring forwards or backwards along the upper blow tube (5). Tighten the lock knob (26) to lock the throttle handle (8) in the required position. (See Fig. B5, B6)
Assembling the upper blow tube (5) to the flexible pipe (4)

1) With the throttle control handle (8) now secured to the upper blow tube (5), insert the end of the upper blow tube (5) with raised ridges on it into the flexible pipe (4) to the end, until the end of the flexible pipe (4) hits the raised ridges of the upper blow tube (5). (See Fig. C1)

2) Secure the other adjustable clamp on the flexible pipe (4) using the supplied slot end of the combination screwdriver (32) by turning the screw on the clamp in a clockwise direction until tight. (See Fig. C2)

Fixing the throttle cable (13)

1) Find the fixing clip for the throttle cable (14) hooked onto the flexible pipe (4). (See Fig. D1)

2) Fit the throttle cable (13) into the fixing clip (14). (See Fig. D2)

Assembling the Middle & Lower Blow Tubes (6/7)

1) To attach the middle blow tube (6), firstly loosen the assembly screw by turning it in an anti-clockwise direction using the supplied philips end of the combination screwdriver (32) until the screw end is sitting flush on the internal side of the middle blow tube (6). (See Fig. E1)

2) Align the 2 raised locking pins on each side of the end of the upper blow tube (5) with the 2 channels on the middle blow tube (6). Push the tubes together, insert the middle blow tube (6) to the end until it cannot be pushed anymore. Rotate the middle blow tube (6) clockwise to the end (about 90 degrees). You will feel the tubes engage if done correctly. (See Fig. E2)
3) Tighten the assembly screw using the supplied philips end of the combination screwdriver (32) in a clockwise direction until tight. (See Fig. E3)

4) To attach the lower blow tube (7), firstly loosen the assembly screw by turning it in an anti-clockwise direction using the supplied philips end of the combination screwdriver (32) until the screw end is sitting flush on the internal side of the lower blow tube (7). (See Fig. E4)

5) Align the 2 raised locking pins on each side of the end of the middle blow tube (6) with the 2 channels on the lower blow tube (7). Push the tubes together, insert the lower blow tube (7) to the end until it cannot be pushed anymore. Rotate the lower blow tube (7) clockwise to the end (about 90 degrees). You will feel the tubes engage if done correctly. (See Fig. E5)

6) Tighten the assembly screw using the supplied philips end of the combination screwdriver (32) in a clockwise direction until tight. (See Fig. E6)
Alternative variation of the blow tube assembly

The previous assembly details using all 3 tubes on the Petrol Backpack Blower (See Fig. F1).

If your task does not require the blow tube assembly to be this long, the below variation can also be used:

1) Assemble only the upper (5) and middle (6) blow tubes, and no need to assemble the lower blow tube (7) (See Fig. F2).
Prepare the fuel mixture
This product is powered by a 2-stroke engine and requires the pre-mixing of fresh unleaded fuel with 2-stroke oil.

⚠️ WARNING:

- Using fuel alone will damage the engine quickly.
- When mixing fuel and oil it is recommended to wear eye protection, and to mix in a well ventilated location.
- Fuel mixture are highly inflammable!
- Keep the fuel mixture in an approved container, in a safe place, away from any flames or heat sources or reach of children.
- Never smoke whilst preparing the mixture and avoid inhaling the fuel fumes.

IMPORTANT:

- Use only fresh unleaded fuel with a fuel grade of at least 90 ON, and only use top quality synthetic oil specifically for 2-stroke engines to maintain high performance and guarantee the duration of the mechanical parts over time. Do not use ethanol based fuels.
- Unleaded fuel tends to create deposits in the container if preserved for more than 2 months. ALWAYS use fresh fuel.
- Do not use raw fuel, it will severely damage the engine very quickly.
- Do not run the tank dry at high speed, as this may cause damage to the engine.
- Do not use oil meant for 4-stroke engines, it will cause spark plug fouling, exhaust blocking and piston ring sticking.
- Do not use fuel mixtures that have been left standing for one month or more, they can cause clogging of the carburettor. Do not prepare excessive amounts of the fuel mixture.
- Keep the fuel mixture containers separate and easily identifiable to avoid the mistake of using one in place of the other.
- Periodically clean the fuel mixture containers to remove any eventual deposits.
Mixing fuel and oil (40:1 mixing ratio)
The recommended mixing ratio is FUEL: 40, OIL: 1.

<table>
<thead>
<tr>
<th>40 parts fuel</th>
<th>1 part 2-stroke oil mix</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 litre fuel</td>
<td>25ml 2-stroke oil</td>
</tr>
<tr>
<td>5 litres fuel</td>
<td>125ml 2-stroke oil</td>
</tr>
</tbody>
</table>

1) Use fresh unleaded fuel and a good grade of 2-stroke oil for 2-stroke engines.

**NOTE:** Mix the fuel and oil in an approved container. Never mix fuel mixture directly in the blower fuel tank (12). A fuel/oil mixing bottle (30) is provided with this blower. (See Fig. G1)

2) Place the supplied plastic fuel/oil mixing bottle (30) on a level surface. Fill with fresh unleaded fuel in the bottle (30) to the top 500 marking shown on the outside surface of the bottle (30), then fill with 2-stroke oil to the 40:1 oil marking. (See Fig. G2)

3) Shake the bottle (30) to mix the fuel and oil thoroughly and also each time before fuelling.

4) Always pre-mix in small quantities. Never mix quantities larger than what will be used in a 30-day period.

**NOTE:** The fuel/oil mixing bottle (30) provided is NOT for the storage of fuel. This bottle (30) is solely for mixing of fuel and oil only. Ensure to keep the bottle (30) in a safe storage location, empty of fuel and out of reach of children.
Fuelling

**IMPORTANT:** Fuel goes off after about 3-4 months. If you find your unit does not start, first change the fuel in the tank with newly purchased fuel.

⚠️ **WARNING!** Do not refill fuel tank while engine is running or is hot.

**Move at least 15m away from the refuelling site before starting engine.**

1) Place the blower on a secure surface, or on the ground in the upright position. Clean the fuel tank cap (11) and the surrounding area to avoid any dirt from entering the fuel tank (12) during fuelling.

**NOTE:** Be careful not to spill any mixture. If this happens, wipe the spill with clean cloth.

2) Unscrew the fuel tank cap (11) carefully and pour an amount of fuel/oil mixture suited to the work to be performed into the fuel tank (12). (See Fig. H1, H2)

3) Re-fit the fuel tank cap (11) onto the fuel tank (12), tighten it firmly in a clockwise direction.

4) Do not overfill. Leave a minimum 5mm of space between the top of the fuel/oil mixture and the inside edge of the fuel tank (12) to allow for expansion.

⚠️ **WARNING! Always close the fuel tank cap firmly.**

Immediately clean all traces of fuel which may have dripped on the machine or the ground and do not start the engine until the fuel fumes have dissipated.

**NOTE:**
- Do not use fuel that contains ethanol. Use fresh unleaded fuel.
- Do not smoke when refuelling or operating the product.
- Be careful not to admit dust, dirt, water or other foreign objects into the fuel.
- Wipe off spilt fuel thoroughly before starting engine.
- Always use extreme care when handling fuel! Fuel is highly flammable.
- Never attempt to fuel the product if the fuel system components are damaged or are leaking.
- Never attempt to refuel the engine while it is running or still warm, allow it to cool before fuelling.
• Never smoke or light any fires near the product or fuels.
• Danger of fire and burn injuries.
• Always transport and store fuels in an approved container.
• Never place flammable material close to the engine muffler.
• Do not use fuel which contains ethanol or methanol as it may damage the fuel lines and other engine parts.

**Adjusting the angle of the throttle control handle (8)**
The throttle control handle (8) can be positioned with different angles as required.

1) Loosen the lock knob for fixing throttle handle (26) by turning it in an anti-clockwise direction. Do not remove the lock knob (26) away. (See Fig. I1)

2) Rotate the throttle control handle (8) clockwise or anti-clockwise to acquire the required angle. (See Fig. I2, I3)

3) Secure the throttle control handle (8) at the required angle by turning the lock knob (26) in a clockwise direction until it tightens.
Operation

WARNING: This blower is not suitable for use for children below the age of 14 years old. Children below the age of 14 years old should not use, or be in reach of this blower during its operation.

During operation of the blower it is recommended to wear eye protection, a dust mask, and full hearing protection. Ensure you are wearing suitable clothing, no loose jewellery, and be cautious of hair entanglement. Long hair should be suitably protected.

Choke control

If the engine is cold you will need to use the choke control.

<table>
<thead>
<tr>
<th></th>
<th>Start position (choke closed) (See Fig. J1)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Run position (choke open) (See Fig. J2)</td>
</tr>
</tbody>
</table>

Starting the blower

WARNING: Before beginning the starting operation, place the blower on a sturdy surface sitting upright. DO NOT start the blower with the unit already placed on the user’s back.

- Cold engine starting

A “cold engine starting” means before starting, the blower is not used up for at least 10 minutes.

1) Push the stop/start/MAX speed lever (16) downwards to the start position as indicated by an "I" in Fig K1.

   NOTE: The marked position "I" and position "MAX" as indicated in Fig. K1 are for the use of adjusting the blower speed. Details refer to Adjusting the blower speed section.

2) Turn the choke knob (10) clockwise to "Start" position. (See Fig. J1)

3) Press the primer bulb (23) 7 to 10 times to prime the carburettor. (See Fig. K2)
4) Sit the blower upright on the ground. Hold the blower firmly with one hand on the carry handle (1), securing the blower on the ground, in order not to lose control of the blower during starting. (See Fig. K3)

5) Firmly hold the recoil starter (24) with the other hand and pull it out slowly for 10-15cm until resistance is felt, then pull it hard rapidly until the first engagement is heard. (See Fig. K3)

**IMPORTANT:** To avoid breaking the starter rope, do not pull the whole length of it. Release the starter gradually, to avoid letting it fly back uncontrollably.

6) Turn the choke knob (10) anti-clockwise to "Run" position. (See Fig. J2)

7) Pull the recoil starter (24) again until the engine starts.

**NOTE:** Allow the engine run at idle for 10 seconds after engine starts.

8) Squeeze the throttle trigger (15) slightly to release the throttle lock and warm the engine up before using the blower. (See Fig. K4)

9) Now the blower is ready for placing on the user’s back with shoulder straps. Refer to Fitting & adjusting the shoulder straps.

- **Hot engine starting**
  A “hot engine starting” means to start the blower immediately after it is just switched off.

1) Push the stop/start/MAX speed lever (16) downwards to the start position as indicated by an "I" in Fig K1.

2) Press the primer bulb (23) 7 to 10 times to prime the carburettor. (See Fig. K2)

3) Sit the blower upright on the ground. Hold the blower firmly with one hand on the carry handle (1), securing the blower on the ground. (See Fig. K3)
4) Turn the choke knob (10) anti-clockwise to "Run" position. (See Fig. J2)
5) Firmly hold the recoil starter (24) with the other hand and pull it out slowly until resistance is felt, then pull it hard rapidly until the engine starts. (See Fig. K3)
6) Squeeze the throttle trigger (15) slightly to release the throttle lock.
7) Now the blower is ready for placing on the user's back with shoulder straps. Refer to Fitting & adjusting the shoulder straps.

Adjusting the blower speed
The blower speed must be proportionate to the type of work.
- **To adjust by controlling the throttle trigger (15)** (See Fig. L1)
  If you want to adjust the speed at any time by yourself, you can control the blower speed by adjusting the throttle trigger (15) located on the throttle control handle (8).
  1) While working, keep the stop/start/MAX speed lever (16) at the start position as indicated by an "I" in Fig K1, and push in the throttle trigger (15) continuously, the blower speed will increase with pressure. Slowly release the throttle trigger (15) to decrease the blower speed.

- **To adjust by controlling the stop/start/MAX speed lever (16)** (See Fig. L2)
  If you do not want to always putting your fingers on the trigger (15), you can also control the blower speed by only adjusting the stop/start/MAX speed lever (16). In this way you can free your hands and let the blower control the speed itself.
  1) Place the stop/start/MAX speed lever (16) at the start position as indicated by an "I" in Fig K1. Then continue to push the speed lever (16) downwards slowly to the lowest position "MAX" as indicated in Fig. L2. The blower speed will increase and achieve to the maximum speed when the stop/start/MAX speed lever (16) is placed exactly at the "MAX" position.

**NOTE:** While adjusting the speed lever (16) from position "I" to "MAX", the throttle trigger (15) will be automatically depressed to the end. You can disregard it since at this time the trigger (16) will no longer affect the speed adjustment when the stop/start/MAX speed lever (16) is put in the "MAX" position.
Stopping the blower

**IMPORTANT:** Remove the blower from your back and place on a level ground surface before stopping the blower.

To stop the engine:
- Push the stop/start lever (16) downwards to the start position as indicated by an "I" in Fig K1.
- Release the throttle trigger (15), allow the engine run at idle for 10 seconds.
- Turn the stop/start/MAX speed lever (16) upwards to the highest "O" position. (See Fig. M)

Emergency stopping

In the event the blower engine does not stop, the following processes will assist.

⚠️ **WARNING:** Remove the blower from your back and place on a level ground surface. NEVER move the blower, or attempt to move the blower if the controls DO NOT turn off the engine.

1) In the event the controls do not turn off the engine, press the primer bulb fully approximately 10 times or continue to push the primer until the engine stalls.

2) If this fails to stop the engine, remove the spark plug cover from the spark plug.

**IMPORTANT:**
- If the spark plug method is used, it is recommended to wear a rubber glove when grasping the spark plug cover.
- Persons with heart conditions or any medical condition which can be affected by electric shock should not attempt this method.

3) **NOTE:** If the above methods do not stop the blower, let the blower continue to run until the tank runs out of fuel.
- DO NOT Panic.
- DO NOT leave the blower unattended if the run down method is used.
Call Customer Service on 1300 889 028.
Fitting & adjusting the shoulder straps (2)
1) Ensuring the straps (2) are not tangled or crossing over, connect the clip at the end of each shoulder strap (2) onto the shoulder strap connection point(s) (29) located on each side of the blower respectively, on the bottom of the plastic harness (21) at the rear of the blower. (See Fig. N1)
2) It is recommended to extend the shoulder straps (2) to their full length by using the adjustment tab before putting the blower on your back, then the tabs only need to be tightened to fit. (See Fig. N2)
3) Place the shoulder straps (2) over each shoulder so that the 2 padded shoulder straps (2) are located on your front side. The padded harness (22) is secure against the middle of your back, and the top of the plastic harness (21) is resting on your shoulder blades. (See Fig. N3)

Blowing
Start the blower engine, as previously described. Carry the blower on your back, hold and control the blower tube firmly with one hand about 10–20cm from the ground and move it in a sweeping motion from left to right, directing the debris to the desired location.
- Use low throttle settings when clearing lightweight materials from around lawns or shrubbery.
- Use medium to higher throttle settings to move lightweight grass or leaves from driveways or paths.
- Use full throttle when moving heavy loads such as dirt.

IMPORTANT:
- Blower noise increases at higher throttle settings.
- Always use the lowest throttle setting required to get the job done.
- Never operate the blower unless it is properly assembled and in good
working condition.

- Never operate the blower without a properly functioning muffler.

**Use of the Petrol Backpack Blower**

- The Petrol Backpack Blower can efficiently move a wide variety of debris ranging from grass clippings to gravel. As a general rule try to operate the blower at the lowest throttle setting necessary to get the job done.
- Prior to use of the blower ensure you have read and understood this instruction manual.
- Ensure you are wearing suitable clothing, no loose jewellery, and also safety equipment like safety glasses, ear protection and a mask if necessary. Be cautious of hair entanglement. Long hair should be suitably protected.
- Keep a gap between the air intake and clothing and body parts as blocking the intake will reduce the performance of the blower and may result in injury.
- Be aware of any local or national restrictions when using this appliance. This could include, but not restricted to, times of operation, location of operation, or work place operation.
- If necessary, dampen the surface to be cleaned in order to avoid creating too much dust.
- It is recommended to use a rake or broom to loosen debris before blowing.

⚠️ **WARNING:** Always pay the utmost attention to prevent removed material or dust from injuring people or animals or damaging property. Always pay attention to the wind direction and never work against the wind.
Maintenance

WARNING: Before performing any maintenance on this blower, stop the engine, wait until the engine is sufficiently cold, and disconnect the spark plug (25).

Checking the spark plug (25)
Periodically check the spark plug (25) every 10-15 hours of use.

1) Remove the black spark plug cover (9) on the spark plug (25). (See Fig. O1)
2) Use the supplied socket spanner for spark plug (31) to remove the spark plug (25), by turning it anti-clockwise (See Fig. O2)
3) Clean the spark plug using a metal brush to get rid of any deposits. Check and adjust the spark plug gap to 0.6 - 0.7mm. (See Fig. O3)
4) Re-install the spark plug (25) onto the blower head, then tighten it firmly with the supplied socket spanner for spark plug (31).
5) Replace any damaged or visibly worn spark plug (25), or in any case every 100 working hours, with the same characteristics of the new spark plug (25).

* Replacement spark plugs are available from purchase from lawn mower or small engine repair shops.
Air filter (19)

**IMPORTANT:** The air filter (19) should be checked approximately every 8-10 hours of use, or more frequently in dusty areas. Cleaning the air filter (19) is essential to guarantee the efficiency and duration of the blower. Do not work with a damaged filter or without a filter, as this could permanently damage the engine.

1. Loosen the air filter locking knob (18) by turning it in an anti-clockwise direction. Remove the air filter cover (17). (See Fig. P1)
2. Remove and inspect the sponge filter. If the sponge filter is distorted or damaged, replace it with a new one. (See Fig. P2)
3. Wash the sponge filter with soap and water. Rinse it thoroughly. Squeeze out excess water. Leave it to dry completely in the open air before re-installing. Do not use petrol or other solvents.
4. Re-install the sponge filter and then re-fit the air filter cover (17). Tighten the air filter locking knobs (18) in a clockwise direction.

After use

- When you finish working, clean the Petrol Backpack Blower completely.
- Inspect the entire blower, the tubes, the cylinder, the recoil starter rope, all the nuts and screws for damage, including any loose or missing components, and repair anything necessary.

Servicing

- It is recommended once you first use your Petrol Backpack Blower, have it serviced after 15 hours of use.
- From thereafter, service the Petrol Backpack Blower every 2 years.
### Maintenance timescale

* Recommends that this work should be done by a Service Agent or qualified persons.

<table>
<thead>
<tr>
<th>Periodic maintenance</th>
<th>Before starting working</th>
<th>After finishing work daily</th>
<th>After each refueling stop</th>
<th>Weekly</th>
<th>Monthly</th>
<th>Every 12 months</th>
<th>If problem</th>
<th>If damaged</th>
<th>If required</th>
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<tbody>
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<td><strong>Throttle handle</strong></td>
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<td><strong>Carburettor</strong></td>
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<td>Clean and re-adjust the gap every 10 working hours</td>
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<td><strong>Anti-vibration elements</strong></td>
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</table>
Storage and Transportation

- Store the blower away from direct sunlight.
- Use a small brush to clean off the outside of the unit and keep the air vents free from obstructions. Do not use water or a hose to clean the unit.
- It is recommended to drain the fuel from the blower on the completion of use, prior to storage or transportation.

Whenever the machine is not used for a long period of time, proceed as follows:

- Give the blower an overall cleaning and a thorough check.
- Empty the fuel tank (12) completely, then clean the carburettor and lines by running the blower until it stops from lack of fuel.
- Protect all metal engine parts from corrosion by coating them with oil.
- Remove the spark plug (25), put several drops of oil into the cylinder through the spark plug hole and then pull the recoil starter (24) 2 to 3 times in order to distribute the oil evenly. Replace the spark plug (25) and spark plug cover (9).
- Clean the air filter (19) as described in the Air filter (19) section.

For transporting the blower it is recommended to disassemble the product and put it back inside its original packaging (or the like), to prevent any damage during transit. Ensure the fuel cap is secured tightly to avoid fuel leakage.

Environmental protection

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. Dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local service station.
Noise and Vibration

Noise information
A weighted sound pressure \( L_{pa} = 100.7 \, \text{dB(A)} \)
\( K_{pa} = 3 \, \text{dB(A)} \)
A weighted sound power \( L_{wa} = 113 \, \text{dB(A)} \)
\( K_{wa} = 3 \, \text{dB(A)} \)
wear ear protection.

Vibration information
Vibration emission value: \( a_h = 2.21 \, \text{m/s}^2 \)  Uncertainty \( K = 1.5 \, \text{m/s}^2 \)
Vibration white finger may occur in operators using handheld vibrating tools such as blower. Continual vibration can cause both vascular damage and also nerve damage to the operator.
The following guidelines can reduce the risk:
- Limit the use of vibrating tools.
- Hold vibrating tools as loosely as possible and in varying positions.
- Ensure tools are well maintained and replace worn parts.
- Use tools correctly, and use the right tool for the job (to do the job more quickly and reduce exposure time).
- Use anti-vibration gloves.
- Take regular breaks of at least 10 minutes every hour away from the tool, for both vibration and damage to the ears.
Warranty

Your new FERREX® 51.7cc 2 Stroke Petrol Backpack Blower will more than satisfy your expectations.

It has been manufactured under stringent FERREX® Quality Standards to meet superior performance criteria.

You will find your new 51.7cc 2 Stroke Petrol Backpack Blower easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire instruction manual before using your new FERREX® 51.7cc 2 Stroke Petrol Backpack Blower. Take special care to heed the Cautions and Warnings.

Your FERREX® 51.7cc 2 Stroke Petrol Backpack Blower has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this 51.7cc 2 Stroke Petrol Backpack Blower, making it easy to maintain and operate.

Use only FERREX® replacement parts for your product. Non-conforming parts or modifications made to parts will void your warranty.

What your 5 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly.

In the event of product failure within its intended use over the course of as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support TEL: 1300 889 028

Service Support

If you have any issues with the operation of your product, please call our Customer Service on 1300 889 028 for advice, or email us at info.aldi@positecgroup.com
Accessories and After Sales Parts

Accessories and after sales parts are available for purchase by visiting https://help.tools/ or calling our customer service hotline on: 1300 889 028

1. Air Filter (13177-AF)  2. Recoil Starter (13177-RS)
# Troubleshooting

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE CAUSE</th>
<th>REMEDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>The engine does not start or run irregularly.</td>
<td>Incorrect starting procedure</td>
<td>Refer to Starting the Blower section to re-start the blower.</td>
</tr>
<tr>
<td></td>
<td>Dirty spark plug or incorrect gap between the electrodes</td>
<td>Refer to Checking the spark plug section to check, adjust or replace the spark plug.</td>
</tr>
<tr>
<td></td>
<td>Air filter clogged</td>
<td>Refer to Air filter section to clean or replace the filter.</td>
</tr>
<tr>
<td></td>
<td>Carburation problems</td>
<td>Contact Customer Service.</td>
</tr>
<tr>
<td></td>
<td>Blower tube not fitted</td>
<td>Refer to Assembly section to fit the blower tube.</td>
</tr>
<tr>
<td>The engine starts but is lacking in power</td>
<td>Air filter clogged</td>
<td>Refer to Air filter section to clean or replace the filter.</td>
</tr>
<tr>
<td></td>
<td>Carburation problems</td>
<td>Contact Customer Service.</td>
</tr>
<tr>
<td>The engine makes too much smoke</td>
<td>Incorrect composition of the fuel mixture</td>
<td>Refer to Mixing fuel and oil section to prepare the fuel mixture.</td>
</tr>
<tr>
<td></td>
<td>Carburation problems</td>
<td>Contact Customer Service.</td>
</tr>
<tr>
<td>The machine starts to vibrate abnormally</td>
<td>Damaged or loose components.</td>
<td>Stop the machine and disconnect the spark plug cable. Inspect for damage. Check and tighten any loose parts. Have all checking, repair work and replacements carried out by a specialized person only.</td>
</tr>
</tbody>
</table>

For further inquiries or issues associated with your blower, call our Customer Service on 1300 889 028 or email us at info.aldi@positecgroup.com.
Specifications

Engine: 2-stroke
Engine capacity: 51.7 cc
Engine power: 1.6 kw
Max. Engine speed: 7500 /min
Min. Speed (idle speed): 3200 ± 300 /min
Engine speed at Max. power: 7000 /min
Fuel tank capacity: 1.3 L
Mixture ratio (fuel: 2-stroke oil): 40 : 1
Fuel type: Unleaded fuel
Oil Type: 2-stroke engine oil
Spark plug: RCJ7Y
Product Dimensions: 1635 x 480 x 475 mm (L x W x H)
Machine weight (with all accessories, empty tank): 9.5 kg
This product complies with

EMC: EN ISO 14982
ALDI guarantees that our exclusive brand products are developed to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store, within 60 days from the date of purchase, for a full refund or replacement, or take advantage of our after sales support by calling the supplier’s Customer Service Hotline.

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MINCHINBURY NSW 2770
www.aldi.com.au

AFTER SALES SUPPORT

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e-mail: info.aldi@positecgroup.com
MODEL: SBV521 • 02/2020 • 13177

5 YEAR WARRANTY