



OPERATING & MAINTENANCE MANUAL



BACKPACK VACUUM CLEANERS

VH060 & SILVER SHADOW

**Read Safety & Operating Instructions
Before Commencing Operation**

THESE INSTRUCTIONS MUST BE READ AND ADHERED TO BEFORE OPERATING THIS MACHINE.

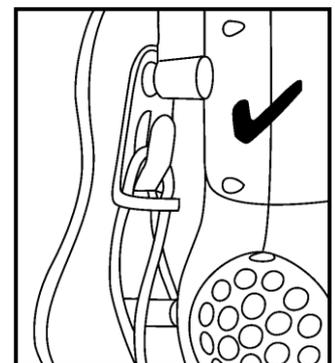
INTRODUCTION

Your new Kerrick Back Pack vacuum cleaner comes complete with a full range of accessories designed to make your cleaning task and easy one. It is a high quality unit that if treated properly will give many years of service. To get the best from your Kerrick machine we suggest you follow the operating and maintenance details contained in this document.

SAFETY MANAGEMENT PROCEDURES

These Instructions must be read and adhered to before operating this machine. Failure to do so may result in injury to the operator, nearby persons, or damage to property, or this machine.

- The packaging around the cleaner (plastic bags, clips, ties etc) pose a choking hazard and should be kept out of the reach of children and animals.
- This machine is not designed to be used by children or mentally disabled individuals and if used incorrectly can be harmful.
- The end of the suction hose / accessories must be kept away from your face and the faces of others at all times during operation as the suction created can cause damage to the eyes, ears an mouth in particular.
- This appliance is double insulated and for **DRY USE ONLY**. Do not use the machine to suck up liquids of any kind. Do not use your machine outdoors or on wet surfaces.
- Do not use adapters or multiple sockets, without knowing the electrical input of each user.
- If any electrical extension is used, check that it corresponds to the absorbed power of the machine and that the connection of the plug with the socket is compliant and sealed.
- Take care of the electrical cable. It must be protected from water, tears and chemical agents. Do not repair the cable in case of tears, but replace it with a new one. The cable must be replaced by the Kerrick, a Kerrick Service Agent or a similarly qualified person in order to avoid further hazard.
- Always unwind the power cable completely.
- Ensure that the power cable is correctly plugged in and securely locked into the cable restraint.
- **DO NOT** pull the power cable around sharp edges or under doors.
- **DO NOT** carry the machine by the power cable or pull on it to remove the plug from the socket.
- Pull the plug out of the socket only when the machine is switched off.



- **DO NOT** handle the plug with wet hands.
- Unplug cable before servicing machine.
- Never use flammable liquids or operate machine in or near flammable liquids, vapors or combustible dusts.
- Should the machine, make strange noise or get abnormally hot switch off the machine immediately and take it in for a service.
- This vacuum cleaner should **NEVER** be immersed in water.
- **DO NOT** use solvent or strong detergents to clean this machine.
- Store the machine, well cleaned, in a cool and dry place.

WARNINGS:

- All the electrical repairs must be performed by qualified personnel only!
- Kerrick cannot be held responsible for any damage/injury caused to persons or property, because of the incorrect use of the machine due to procedures being used which are not specified in this instruction manual.

SETTING UP YOUR VACUUM

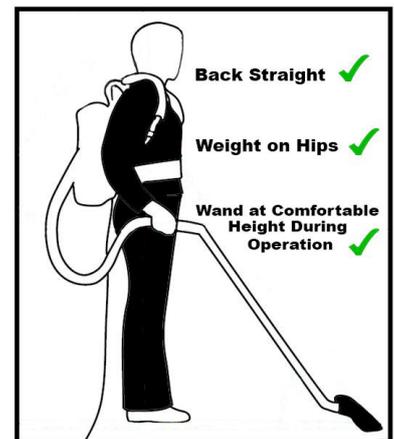
Read safety and operating instructions before commencing operation. This vacuum cleaner is designed for **DRY USE ONLY**. Do not use the machine to suck up liquids of any kind.

Assembly details and information on how to carryout various cleaning operations are outlined below:

- 1) Lift the top from your vacuum cleaner and ensure the filter bag is empty and positioned correctly to create a seal when the lid is replaced.
- 2) If the vacuum cleaner filter bag is empty replace it with a new bag. Failure to use a bag will result in dust and debris building up around the motor and could lead to the motor overheating and failing.
- 3) Re-place the lid with the hose inlet on the side that best suits the operator using the machine (e.g. hose on the left side for left handed people and on the right side for right handed people).
- 4) Screw the flexi vacuum hose snugly into place on the top/lid of your vacuum and into the hand piece of your vacuum cleaner long wand.
- 5) Connect the long wand pipe to the hand piece and attach your floor tool.
- 6) Your Kerrick vacuum cleaner is designed to operate on **New Zealand:** 240volt 50Hz or **Australia:** 230volt 50Hz, single phase power. Check the voltage of the machine matches the voltage output of your power point then plug the machine in. Your machine is now ready to use.

HEALTHY ERGONOMICS

- When lifting your vacuum cleaner bend your knees and lift it using the shoulder straps.
- Place one arm through a shoulder strap and gently swing the machine around onto your back (as you would a jacket/coat), slip your other arm through the other strap and reposition the vacuum cleaner to sit comfortably on your back.
- Close the waist harness, and pull the strap so it sits snugly. Make sure that the weight of the vacuum cleaner is carried on your hips and not on your shoulders. You can adjust where most of the weight of the vacuum cleaner falls by tightening or easing your waist and shoulder straps.
- Ensure you can move your arms freely and can bend your back without any hindrance from the vacuum cleaner. If your shoulder straps are too tight your mobility will be limited.
- Adjust the length of the vacuum cleaner wand so that your arm holding the hand piece of the wand is comfortably hanging by your side when you stand upright.
- Avoid bending over when vacuuming. Do not use the back pack vacuum for long periods of time without resting regularly.



NOTE:

- A correctly adjusted and properly worn back pack vacuum will help to reduce fatigue and prevent injury.

USING YOUR VACUUM

Once your vacuum cleaner has been correctly set up, unwind the entire power cord then place the vacuum on your back, adjust it as required and turn the power on.

- 1) Keep your back in an upright position and push the vacuum cleaner wand / floor tool forwards and backwards in an easy motion.
- 2) The regulator valve on the hand piece of the vacuum wand allows you to adjust the level of suction as required.
- 3) Do not work for long periods of time without taking regular rests.
- 4) Take care not to suck up large items that may become trapped in the vacuum wand or sharp items like glass, nails or metal shavings that may puncture the hose or damage the vacuum.
- 5) Once finished cleaning, turn the power off, undo the waist harness and remove the vacuum cleaner by sliding one arm out of the shoulder strap and then gently lowering the vacuum to the ground with the other shoulder strap.
- 6) Unplug the machine from the socket and re-coil the power cable (from the machine end) and place it over the back brace.
- 7) Lift the top/lid from the vacuum and remove the filter bag and shake the contents into a rubbish bin. Re-place the filter bag and the lid of the vacuum.

NOTE:

- Keeping the power cable behind you when vacuuming helps to reduce the risk of tripping and falling.
- Be mindful of your surroundings and the movements you make when the vacuum cleaner is on your back.

TROUBLE SHOOTING

Back Pack Vacuum Cleaners		
Trouble	Possible Cause	Remedy
Insufficient vacuum/lack of suction	Filter bag or lid may not be fitted correctly and disrupting the seal.	Remove the lid, ensure the bag is fitted correctly and then replace the lid and check it sits firmly in place.
	Filter bag may be full.	Empty or replace bag as required.
	Hose or tooling are cracked and disrupting suction	Repair and replace as required
	Hose, wand or tooling has a blockage.	Dislodge the source of the blockage.
Vacuum stops working	Thermal protection switch is activated	Filter bag is too full or there is a blockage in the wand, hose or accessories. Empty and clean the bag or remove the blockage. Wait for 30 minutes and then switch the vacuum on again.
	Faulty motor	Return to Kerrick or Kerrick Service agent and have motor replaced.
Hose detaches from lid	General movement can unscrew hose over time.	Refit hose by screwing it into the lid in an anti-clockwise direction.
Hose detaches from hand piece	General movement can unscrew hose over time.	Undo the clip ring in the hand piece and place it onto the hose. Locate the screw hub inside the hand piece and screw it onto the hose in an anti-clockwise direction. Insert the screw hub into the hand piece and push the clip ring into place.
Power cable is twisted	General movement can twist the cable over time. Winding the cable incorrectly after use can also have the same result.	Extend the power cord fully and manually unwind all the twists by rotating the cable until it lies straight again. Inspect the cable for any damage. Always rewind the power cable from the machine end (allowing the plug end to rotate freely as it is wound up).

WARNING:

- This vacuum cleaner is intended for **Dry Vacuuming Only**. If water is sucked up, switch off the power to the machine immediately. Unplug the power cable. Empty the filter bag and let it dry. **DO NOT** use the vacuum cleaner until it has been inspected by an authorised technician.

SERVICING

Kerrick's workshop facilities are staffed by experienced technicians providing servicing, repair and manufacturing for a range of products including; vacuum cleaners, extractors, water blasters, pressure cleaners, pumps and more.

We work on everything from commercial and light industrial to large heavy duty equipment and offer customized design build services. We also warehouse and ship a comprehensive range of spare parts for your convenience.

For more information on your product, to book in a service or repair or to order spare parts give Kerrick a call or send through and enquiry on our website. Contact details can be seen below:

KERRICK NEW ZEALAND

**0800 2 KERRICK (0800 253 774)
SALES@KERRICK.CO.NZ
WWW.KERRICK.CO.NZ**

KERRICK AUSTRALIA

**1300 KERRICK (1300 537 742)
SALES@KERRICK.COM.AU
WWW.KERRICK.COM.AU**