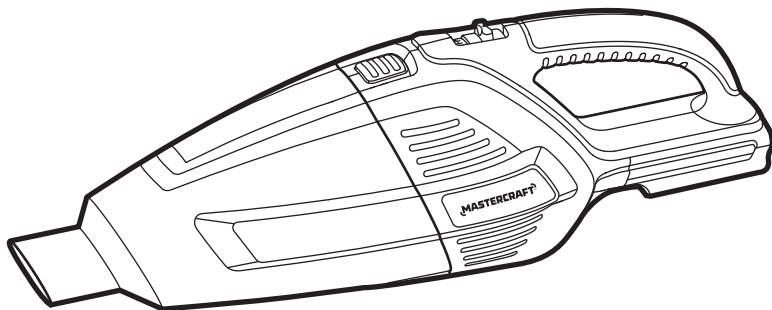


MASTERCRAFT™/MC

HANDHELD VACUUM WITH 4 ACCESSORIES

054-7548-8



IMPORTANT:

Read and understand this instruction manual thoroughly before using the product.

INSTRUCTION MANUAL

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NOTE:

If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.



SAVE THESE INSTRUCTIONS

- This manual contains important safety and operating instructions. Read all instructions and follow them when using this product.

TECHNICAL SPECIFICATIONS

Rated Voltage	20 V d.c.
Run time (using 1.5 Ah Li-ion battery (054-3124-0))	11 min
Weight (without accessory)	2 lb (0.9 kg)
Batteries	1.5 Ah Li-ion (054-3124-0; sold separately) 2.0 Ah Li-ion (054-7553-4; sold separately) 4.0 Ah Li-ion (054-7557-6; sold separately) 5.0 Ah Li-ion (054-2434-8; sold separately)

*Maximum battery voltage without workload; with workload nominal voltage is 18V.

Recommend using tool with Mastercraft® 20V max* Lithium-Ion 4.0 Ah battery (054-7557-6; sold separately) and higher capacity for optimal performance.

SAFETY GUIDELINES



WARNING!

Safety symbols in this instruction manual are used to flag possible dangers. The safety symbols and their explanations require your full understanding. The safety warnings do not, by themselves, eliminate any danger, nor are they substitutes for proper accident prevention measures.



WARNING!

This Safety Alert Symbol indicates caution, warning, or danger. Failure to obey a safety warning can result in serious injury to yourself or others. To reduce the risk of injury, fire, or electric shock, always follow the safety precautions.

KNOW YOUR TOOL

To operate this tool, carefully read this instruction manual and all labels affixed to the cordless handheld vacuum before using. Keep this manual available for future reference.

IMPORTANT

This tool should only be serviced by a qualified service technician. For more information, call the toll-free helpline at 1-800-689-9928.

READ ALL INSTRUCTIONS THOROUGHLY

SAVE THESE INSTRUCTIONS

GENERAL POWER TOOL SAFETY WARNINGS



WARNING!

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

WORK AREA SAFETY

- **Keep the work area clean and well lit.** Cluttered or 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.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a ground-fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

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 personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to the power source and/or battery pack, or picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key 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 more safely 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.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing the tool.** 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, tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

BATTERY TOOL USE AND CARE

- **Use only the charger specified by the manufacturer to recharge.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

SERVICE

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SAFETY GUIDELINES FOR CORDLESS HANDHELD VACUUM

- **Hold the power tools by the insulated gripping surfaces when performing an operation where the tool may contact hidden wiring or its own cord.** Contact with a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **To reduce the risk of electric shock or damage to the charger and battery, use only the Mastercraft® batteries and charger listed.** Read the manuals of the charger and battery before using.

BATTERY PACK

054-3124-0; 054-7553-4,
054-7557-6; 054-2434-8

CHARGER

054-3126-6, 054-7559-2

- **This vacuum is intended for household use only.** Do not use outdoors or on wet surfaces.
- **Do not allow children to operate the handheld vacuum as a toy.** Close attention is necessary when used near children.
- **Use only as described in this manual.** Use only the manufacturer's recommended attachments.
- **Do not charge or use the unit outdoors.** Do not use the charger with a damaged cord or plug. If the handheld vacuum is not working properly, has been dropped, damaged, left outdoors or dropped in water, call the toll-free helpline at 1-800-689-9928.
- **Do not pull or carry by the cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners.** Do not run the appliance over the cord. Keep the cord away from heated surfaces.
- **Do not unplug by pulling on the cord.** To unplug, grasp the plug, not the cord.
- **Do not handle the plug or vacuum with wet hands.** Electric shock may occur.
- **Do not put any objects into ventilation openings.** Do not use with any opening blocked. Keep free of dust, lint, hair, and anything that may reduce air flow.
- **Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.**
- **Use extra care when cleaning on stairs.**
- **NEVER vacuum hot, burning, smoking or smelting materials such as hot coals, cigarette butts, matches, hot ashes, etc.** Fire could result.
- **Do not vacuum liquid or wet materials.** The penetration of liquid may increase the risk of fire.
- **Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.**
- **Do not use without the dust canister, filter and filter seal in place.**
- **Do not use to pick up hand objects such as nails, screws, coins, etc.** Damage or injury could result.
- **Do not incinerate the appliance even if it is severely damaged.** The battery can explode in a fire.
- **Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to the battery pack, or picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energising an appliance that has the switch on invites accidents.
- **Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing the appliance.** Such preventive safety measures reduce the risk of starting the appliance accidentally.
- **When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact

accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

- **Do not use a battery pack or appliance that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or appliance to fire or excessive temperature.** Exposure to fire or temperature above 100°C may cause explosion.
- **Follow all charger and battery pack instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions.** Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- **Have servicing performed by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the product is maintained.
- **Do not modify or attempt to repair the appliance or the battery pack except as indicated in the instructions for use and care.**
- **Your tool is equipped with a dust canister; empty it frequently; after completion of vacuuming and before storing.** Be extremely careful of dust disposal; materials in fine particle form may be explosive. Do not throw dust on an open fire. Combustion from mixture of varnishes, a spark, polyurethane, canister, water with dust particles can occur if there is a static discharge, a spark introduced in the canister, or excessive heat.
- **The label on your tool may include the following symbols. The symbols and their definitions are as follows:**

V Volts

A Amperes

Hz Hertz

W Watts

min Minutes

~ Alternating current

— or d.c Direct current

n_0 No-load speed



..... Class II Construction

.../min Revolutions or reciprocation per minute



..... Grounding terminal

BPM Beats per minute



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



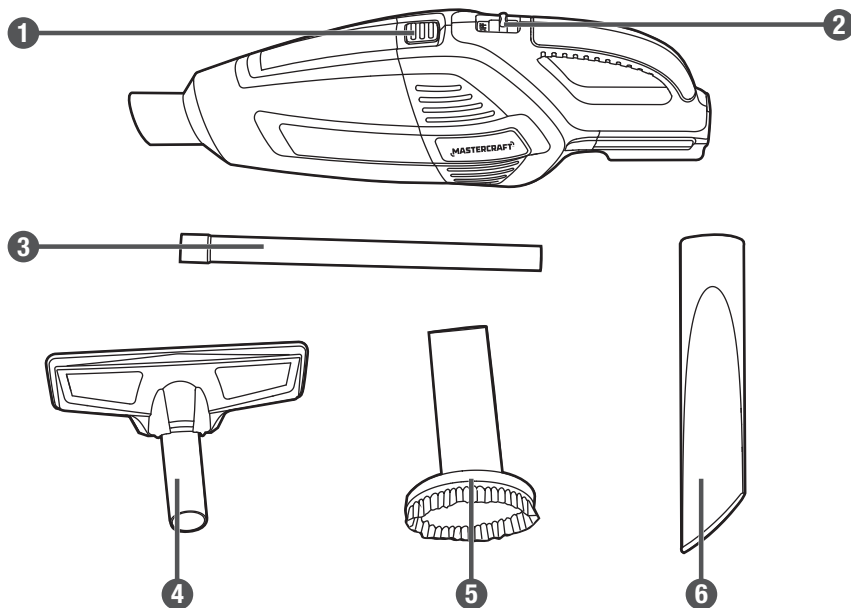
..... WARNING – To reduce the risk of injury, always wear eye protection.



..... WARNING – To reduce the risk of injury, always wear ear protection.

PACKAGE CONTENTS:

Cordless handheld vacuum, extension tube, crevice nozzle, brush nozzle, floor nozzle and instruction manual.

KEY PARTS DIAGRAM

No.	Description
1	Dust-canister release button
2	On/off Switch
3	Extension tube

No.	Description
4	Floor nozzle
5	Brush nozzle
6	Crevice nozzle

**WARNING!**

- Remove the cordless handheld vacuum from the package and examine it carefully. Do not discard the carton or any packaging material until all parts have been examined.
- If any part of the vacuum is missing or damaged, do not use or plug in the tool until the part has been repaired or replaced. Failure to heed this warning could result in serious injury.

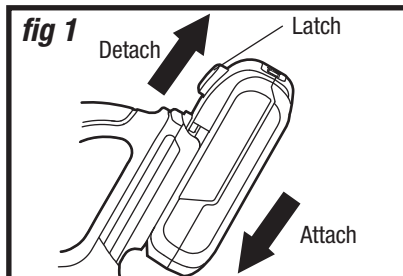
ASSEMBLY INSTRUCTIONS

TO ATTACH BATTERY PACK (fig 1)

1. Align the raised portion on the battery pack with the groove on the bottom of the tool, then slide the battery pack into the body of the tool.
2. Make sure that the battery pack latches securely.

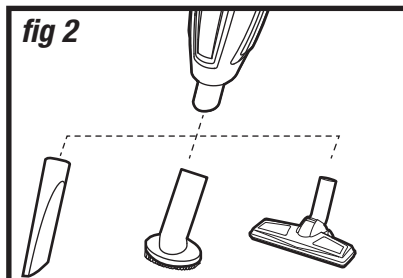
TO DETACH BATTERY PACK (fig 1)

Depress the battery-release button, located on the front of the battery pack.



INSTALLING AND REMOVING NOZZLES (fig 2)

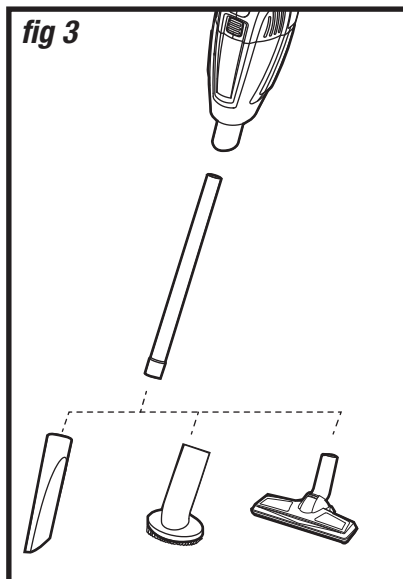
To install, firmly insert one of the nozzles completely into the intake port on the dust canister. To remove, simply pull the nozzle out of the dust canister.



INSTALLING AND REMOVING THE EXTENSION TUBE (fig 3)

To install, firmly insert the extension tube completely into the intake port on the dust canister, then insert one of the nozzles into the tube.

To remove, simply pull the extension tube out of the dust canister.



OPERATION INSTRUCTIONS SWITCHING ON AND OFF (fig 4)

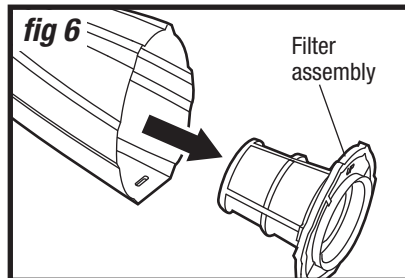
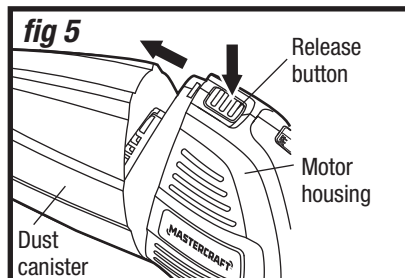
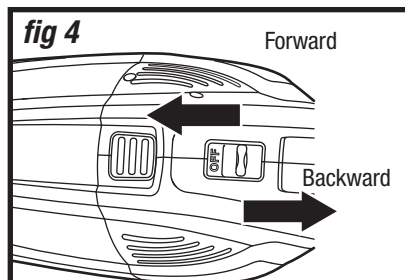
To turn the vacuum on, push the on/off switch forward.

To turn the vacuum off, push the on/off switch backward.

CLEANING THE DUST CANISTER (fig 5 & fig 6)

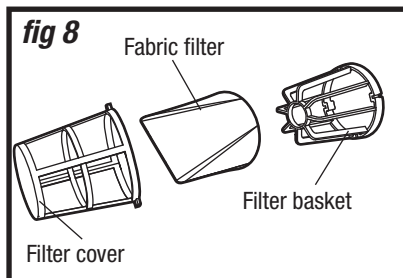
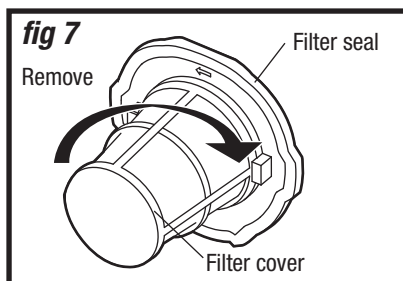
To maintain optimal performance of the vacuum, clean the dust canister after each use.

1. Press the release button and remove the dust canister from the motor housing. Remove the filter assembly from the dust canister.
2. Shake/tap out the dust canister over a suitable waste bin. If required, clean the dust canister with a moist cloth. If required, clean the filter assembly (refer to **CLEANING THE FILTER ASSEMBLY**).
3. Reinsert the dust canister into the motor housing, applying light pressure until the dust canister can be heard to engage.



CLEANING THE FILTER ASSEMBLY (fig 7 & fig 8)

1. Remove the filter assembly from the dust canister: refer to **CLEANING THE DUST CANISTER**.
2. Remove the filter cover from the filter seal.
3. Remove the fabric filter along with its filter basket and brush the fabric filter with a soft brush. If necessary, you can wet clean the fabric filter.
4. Remove the fabric filter from the filter basket and wash both parts under running water.
5. Squeeze the water out of the fabric filter and allow the fabric filter and filter basket to dry fully, in order to avoid the formation of mould.
6. Reassembly is carried out in reverse order.



WARNING!

- Make sure the filter assembly is dry when attaching. The penetration of liquid may increase the risk of fire.

MAINTENANCE

Before each use:

- Inspect the cordless handheld vacuum, the switch, and the accessories for damage.
- Check for damaged, missing, or worn parts.
- Check for loose screws, misalignment or binding of moving parts, or any other condition that may affect the operation.
- If abnormal vibration or noise occurs, turn the tool off immediately, and have the problem corrected before further use.



WARNING!

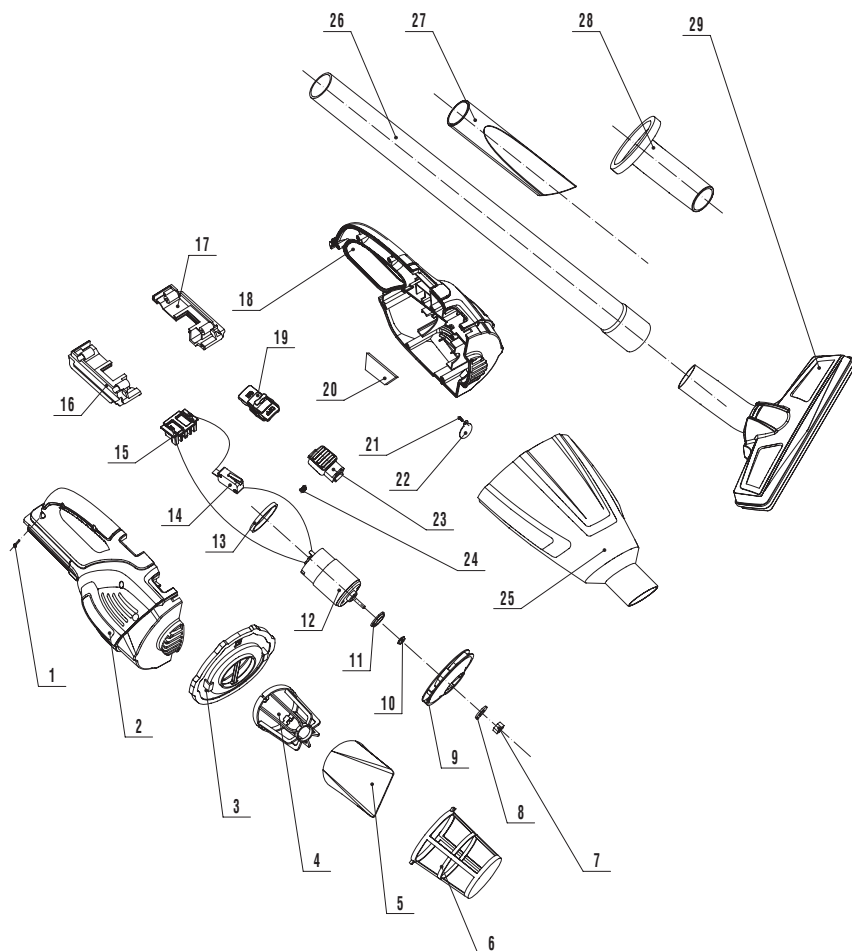
- To avoid accidents, always disconnect the tool from the battery pack before cleaning or performing any maintenance. The tool may be cleaned most effectively with compressed dry air. Always wear safety goggles when cleaning tools with compressed air.
- Do not let brake fluids, gasoline, petroleum-based products, penetrating oil, etc. come into contact with plastic parts. These substances contain chemicals that can damage, weaken, or destroy plastic.
- When servicing, use only identical replacement parts. The use of any other parts may create a hazard or cause damage to the product.
- Use only accessories that are recommended for this tool. Accessories that may be suitable for one tool may become hazardous when used with another tool.
- To ensure safety and reliability, all repairs should be performed by a qualified service technician. Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edges are less likely to bind, and are easier to control.

TROUBLESHOOTING

Problem	Possible causes	Solutions
The vacuum does not start.	The battery is depleted.	Charge the battery pack.
The vacuum is not powerful.	Dust in the dust canister and filter.	Clean the dust canister and filter.

If the problem remains unsolved after performing the checks described above, call the toll-free helpline at 1-800-689-9928.

EXPLODED VIEW



No.	Part No.	Description
1	0547548801	Screw
2	0547548802	Right Enclosure
3	0547548803	Dust Canister Shift Assembly
4	0547548804	Filter Basket
5	0547548805	Fabric Filter
6	0547548806	Filter Cover
7	0547548807	Hexagon Nut
8	0547548808	Gasket 1
9	0547548809	Fan
10	0547548810	Fan Connector
11	0547548811	Motor Rubber Ring
12	0547548812	Motor
13	0547548813	Motor Rubber Ring 2
14	0547548814	Switch
15	0547548815	Battery Clamp

No.	Part No.	Description
16	0547548816	Battery Right Enclosure
17	0547548817	Battery Left Enclosure
18	0547548818	Left Enclosure
19	0547548819	Switch Cover
20	0547548820	Air Outlet Sponge
21	0547548821	Screw and Plain Washer Assembly
22	0547548822	Air Inlet Ring
23	0547548823	Dust Canister Knob
24	0547548824	Dust Canister Knob Spring
25	0547548825	Dust Canister
26	0547548826	Extension Tube
27	0547548827	Crevice Nozzle
28	0547548828	Brush Nozzle
29	0547548829	Floor Nozzle

If any parts are missing or damaged, or if you have any questions, please call the toll-free helpline at 1-800-689-9928.

This product is guaranteed for a period of **3 years from the date of original retail purchase** against defects in workmanship and materials, except for the following components:

- a) Component A: Batteries, chargers and carrying case, which are guaranteed for a period of 2 years from the date of original retail purchase against defects in workmanship and materials;
- b) Component B: Accessories, which are guaranteed for a period of 1 year from the date of original retail purchase against defects in workmanship and materials.

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced (with the same model, or one of equal value or specification), at our option. We will bear the cost of any repair or replacement and any costs of labour relating thereto.

These warranties are subject to the following conditions and limitations:

- a) a bill of sale verifying the purchase and purchase date must be provided;
- b) this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or which is being used for industrial, professional, commercial or rental purposes;
- c) this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product that are expected to become inoperative or unusable after a reasonable period of use;
- d) this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups or adjustments;
- e) this warranty will not apply where damage is caused by repairs made or attempted by others (i.e. persons not authorized by the manufacturer);
- f) this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g) this warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;

- h) this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners; and
- i) this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

Additional Limitations

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including, without limitation, any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use this product.

Notice to Consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

Made in China

Imported by

Trileaf Distribution Trifeuil Toronto, Canada M4S 2B8

