

# OWNER'S MANUAL

**KIRBY**<sup>®</sup>  
HOME CLEANING SYSTEM

**AVALIR**<sup>®</sup>  
**PLATINUM**

QUALITY • RELIABILITY • PERFORMANCE



**AVALIR®**  
**PLATINUM**

Thank you for your purchase, and welcome to the Kirby® Family! We are confident that your Kirby Home Cleaning System will provide many years of superior performance and have your home the cleanest it's ever been! Each Kirby is handcrafted in the United States, and our team takes great pride in delivering on the Quality, Reliability, and Performance that has made the Kirby famous for more than 100 years.

Please read this manual carefully before using your Kirby. For additional information, please visit [www.kirby.com](http://www.kirby.com) or download the Kirby Consumer App for how-to videos, answers to frequently asked questions, and a copy of this manual available in multiple languages. If you have additional questions, please contact your independent, authorized Kirby Distributor or The Kirby Company using the information below.

#### **The Kirby Company:**

[consumer@kirby.com](mailto:consumer@kirby.com)

United States and Canada: 1-800-494-8586 (M-F, 8:00 AM - 5:00 PM EST)

Asia: 0800-328-1247

Australia: 1-800-781-556

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Commonwealth of Independent States: +7 495 374 72 82

Europe: 00-800-5472-9272

Middle East: 0800-328-1247

Russia: 8 800 500 51 46 or +7 495 374 72 82

Scandinavia: 80014747 or 0200895477

South Africa: 0800-203-222 or 0800-983-044

United Kingdom: 0800-328-1247

#### **Consumer Relations**

The Kirby Company

1920 West 114th Street

Cleveland, OH 44102

#### **For Genuine Kirby Parts and Supplies:**

[www.kirby.com](http://www.kirby.com) (where available)



United States: 1-800-437-7170 (M-F, 8:00AM - 6:00 PM EST)

Get the most from your Kirby System! Visit [www.kirby.com/welcome/](http://www.kirby.com/welcome/) to watch how-to videos, view frequently asked questions, buy genuine Kirby supplies, contact owner support, and more!



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Certified by:	Kirby Model and Optional Accessories
 UL LLC as a double insulated appliance.	Avalir® Platinum: Model G10D 2930**and 2950**Multi-Surface Shampoo System 2931**and 2951**Floor Care System 2935**Zippbrush 2932**Turbo Accessory System
 Outside North America: Certified by national test authorities as appropriate.	Avalir Platinum: Model G10E Sentries 220/240 Volt Avalir Platinum: Model G10E 220/240 Volt Avalir Platinum: Model G10IL 220/240 Volt Avalir Platinum: Model G10B1 127 Volt

## CE DECLARATION OF CONFORMITY

We, Kirby Opco, LLC, declare under our sole responsibility that, where applicable, the Kirby Model G10E Vacuum Cleaner is in conformity with the following standards or standardized documents:

IEC 60335-1 (EN 60335-1), IEC 60335-2-2 (EN 60335-2-2), EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 50366 and EN 62233 in accordance with the regulations including the Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/EC

CE 95

**KIRBY®**

1920 West 114<sup>th</sup> Street • Cleveland, OH 44102 • U.S.A.

**READ THIS MANUAL BEFORE USING THIS PRODUCT. FAILURE TO FOLLOW THE INSTRUCTIONS AND SAFETY PRECAUTIONS IN THIS MANUAL CAN RESULT IN PERSONAL INJURY. THIS PRODUCT IS INTENDED FOR HOUSEHOLD USE ONLY.**

Operating Instructions are available by contacting The Kirby Company or visiting [www.kirby.com](http://www.kirby.com).

# Important Safety Instructions

## Overview of Safety Guidelines and Your Responsibilities

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- Your safety and the safety of others depend on you thoroughly reading and understanding the Owner's Manual. If you have questions or do not understand the information presented in the Owner's Manual, please contact The Kirby Company.
- Most vacuum-related incidents are caused by failure to observe basic safety rules or precautions. You must be alert to potential hazards.
- The Kirby Company cannot anticipate every possible circumstance that might involve a potential hazard. Therefore, the warnings in the Owner's Manual may not be all-inclusive. If a tool, procedure, work method, or operating technique that is not specifically recommended by The Kirby Company is used, you must ensure that the product will not be damaged or be made unsafe by the operation, maintenance, or repair procedures that you choose.

### **WARNING – To reduce the risk of fire, electric shock, or injury:**

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- ALWAYS power off the Kirby prior to completing any of the functions detailed in the Owner's Manual including, but not limited to, attaching the Power Nozzle, installing a Disposable Filter Bag, converting to a Canister or Portable Cleaner, and attaching the Multi-Surface Shampoo System.
- ALWAYS unplug before cleaning, servicing, or providing maintenance.
- NEVER leave appliance unattended when plugged in.
- NEVER use outdoors or on wet surfaces.
- NEVER use with damaged Power Cord or plug. If appliance is not working as it should; has been dropped, damaged, or left outdoors; or has been dropped into water, return it to a Kirby® Authorized Service Center for qualified inspection.
- NEVER run appliance over Cord, pull or carry by Cord, use Cord as a handle, close a door on Cord, or pull Cord around sharp edges or corners.
- KEEP Cord away from heated surfaces.
- NEVER unplug by pulling on Cord. To unplug, grasp the plug, not the Cord.
- NEVER handle plug or appliance with wet hands.
- Use only as described in this Owner's Manual. Use only Kirby-recommended attachments.
- DO NOT put any object into openings. Do not use with any opening blocked; keep openings free of dust, lint, hair, or anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Keep motor shaft free from lint, hair, and debris build-up.
- NEVER use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.

- DO NOT allow to be used as a toy. Close attention is necessary when used by or near children.
  - o Keep all Kirby chemicals out of reach of children. These chemicals may cause irritation or discomfort if swallowed or placed in the eyes.
  - o In accordance with IEC (International Electrotechnical Commission) 60335-1: This appliance can be used by children aged from 8 years and older and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Use only Kirby cleaning solutions intended for use with the Multi-Surface Shampoo System. See the Kirby Home Cleaning Products section of the Owner's Manual.
- Do not pick up anything with the Kirby Home Cleaning System that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without the dust bag and/or filters correctly in place.

 **WARNING** In the State of California:  
This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## Safety Symbols and Warning Levels

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 This is the safety alert symbol. It is used to alert you to potential personal injury hazards.

**Attention! Be alert! Your safety may be at risk.**

**NOTICE** This indicates a situation that may result in property-related damage.

 This is the information symbol. It is used to indicate product usage tips.

**SAVE THESE INSTRUCTIONS.**

## PARTS OF THE KIRBY® HOME CLEANING SYSTEM

No.	Part
1	Outer Permanent Bag
2	Bag Clip
3	Bag Support Strap
4	Disposable Filter Bag
5	Top Adaptor
6	Mini Em-Tor® Collector
7	Brush Roll Performance Indicator Light
8	Belt Lifter
9	Air Exhaust Port
10	Lower Carrying Grip
11	Upper Carrying Grip
12	Upright Handle
13	Cord Hook
14	Handle Lock
15	Headlight Hood
16	Accessory Lock
17	Motor Shaft
18	Attaching Bar
19	Power Nozzle
20	Power Switch
21	Tech Drive® Power Assist Pedals
22	Toe-Touch Control Pedals
23	Handle Release Button

### Accessories & Attachments

24	Multi-Surface Shampoo System <i>(optional)</i> <ul style="list-style-type: none"> <li>• Shampoo Tank</li> <li>• Elbow Hose</li> <li>• Waste Tray</li> </ul>
25	Rotary Mop <i>(optional)</i>
26	Miracle Shine Mop <i>(optional)</i>
27	Tile & Grout Brush Roll <i>(optional)</i>
28	Hard Floor Pad <i>(optional)</i>





## ACCESSORIES & ATTACHMENTS

No.	Part
29	Attachment Kaddy
30	Portable Sprayer
31	Portable Carry Handle
32	Portable Shampooer Nozzle
33	Utility Tool
34	Inflator/Deflator Tool
35	Extension Tubes
36	Replacement Belt
37	Duster Brush
38	Upholstery Nozzle
39	Wall and Ceiling Brush
40	Suction Control Grip
41	Crevice Tool
42	Surface Nozzle
43	Attachment Hose
44	Air Intake Guard
45	Zippbrush (optional)
46	Turbo Accessory (optional)
47	Turbo Accessory Pads (optional)



## Assembling the Unit



- 1 The Upright Handle comes in two pieces. Remove the screw from the Handle and slide the two pieces together.
- 2 Slide the screw through the Cord Hook and insert into the Handle. Tighten with a screwdriver (not included).



- 3 Insert the bottom portion of the Handle into the opening on top of the base of the unit until it clicks.



- 4 Attach the Cord by snapping it into the two clips on the back of the Handle.



- 5 Holding the strap below the Bag Clip, insert the Bag Clip into the Handle until it clicks.



- 6 Lower the bottom of the Bag over the Mini Em-Tor® Collector, with tab/slots aligned, and firmly rotate it towards the unit until it locks into place.



## Disposable Filter Bag

For best performance, use only genuine Kirby® Disposable Filter Bags and replace them when dirt reaches the "FULL" line. A Disposable Filter Bag must be installed before vacuuming.



### To Install a New Disposable Filter Bag:

- 2 With the Outer Permanent Bag unzipped and the Top Adaptor pulled out, rest the cardboard faceplate of the Disposable Filter Bag against the bottom of the Top Adaptor.



- 3 Pivot the cardboard faceplate up against the flat surface of the Top Adaptor.



- 4 Bend and press the tab at the top of the cardboard faceplate onto the Top Adaptor to secure.
- 5 Check to make sure the Bag Support Strap is connected through the small hole of the Top Adaptor and that it is secured over the stud.
- 6 Insert the Disposable Filter Bag into the Outer Permanent Bag and close the zipper.

### To Remove a Used Disposable Filter Bag:

- 1 Turn the unit off. Unplug the Power Cord from the wall outlet. Unzip the Outer Permanent Bag. Flip up the cardboard tab that attaches the Disposable Filter Bag and pull it away.

- ⚠ Do not use as a vacuum cleaner without Disposable Filter Bag in place.
- ⚠ Before changing the Disposable Filter Bag, unplug the Power Cord from wall outlet and be sure that the motor and fan have stopped.

## Attaching the Power Nozzle

- 1 Press the bottom pedal on the Toe-Touch Control all the way down to raise the front of the unit. Raise the Headlight Hood.



- 2 Flip out the handle on the Belt Lifter on the Power Nozzle. Turn it counterclockwise until the red arrows line up. The hook should catch and stretch the Belt inside the Power Nozzle.



- 3 Rest the two hooks on the back of the Power Nozzle on the Attaching Bar on the front of the unit. Tilt up until flush with the face of the unit, then rotate Accessory Lock to lock into place.



- 4 Flip out the handle on the Belt Lifter and turn clockwise until the green arrows line up. This will engage the Belt so the Brush Roll will spin when vacuuming. See page 15. Lower the Headlight Hood.



## Power Switch

Press the Power Switch at the rear of the unit to turn it on or off.



## Moving the Unit with the Power Off

Tech Drive® Power Assist makes it easy to push or pull the unit when the motor is on. Tech Drive® Power Assist should be put in Neutral ("N") before moving the unit when the motor is off.



- 1 Raise the front of the unit by pressing the bottom pedal on the Toe-Touch Control down.



- 2 Put Tech Drive Power Assist in neutral by pushing the left "N" (Neutral) pedal down.







## Locking the Upright Handle

This unit has a Handle Lock which locks the Upright Handle for carrying and storage.

**⚠** Firmly grasp the Upright Handle BEFORE unlocking the Handle Lock.

### For vacuuming:

The Handle Lock should be unlocked in the center position for vacuuming.

**NOTICE** Property Damage Risk. Unlock the Handle Lock before pulling backwards. Failure to follow this notice could result in damage to the floor.



### For carrying:

Move the Handle Lock away from the Outer Permanent Bag to lock the base in place when the unit is lifted off the floor.



### For lifting over a door threshold:

Move the Handle Lock toward the Outer Permanent Bag and push down on the locked Upright Handle to raise the front of the unit over a door threshold or throw rug.



### Optional Storage Method:

Lower the Upright Handle to a horizontal position near the floor and move the Handle Lock away from the Outer Permanent Bag to lock the Upright Handle in place. Stand the unit up onto its Bumper and lean it against a wall for storage.



## Lifting The Unit

Move the Handle Lock away from Outer Permanent Bag to lock the base in place. Use the Upper Carrying Grip to lift the unit.



Or, use the Lower Carrying Grip in the center of the Upright Handle to lift the unit.



## Belt Lifter

The Belt Lifter rotates a hook inside the Power Nozzle that lifts and lowers the Belt onto the Motor Shaft. It is used to:

### 1 Disengage the Brush Roll:

Turn the unit off. Raise the Headlight Hood. Flip out the handle on the Belt Lifter. Use it to turn the Belt Lifter counterclockwise until the red arrows line up. Close the handle. Close the Headlight Hood.

In this position, the Brush Roll will not spin during vacuuming.

**⚠** Do not turn Belt Lifter when unit is on.

**NOTICE** Property Damage Risk. Re-engage the Brush Roll prior to storage so that the Belt is not stretched on the Belt Lifter Hook. Failure to follow this notice could result in damage to the Belt.



### 2 Engage the Brush Roll:

Turn the unit off. Raise the Headlight Hood. Flip out the handle on the Belt Lifter. Use it to turn the Belt Lifter clockwise until the green arrows line up. Close the handle. Close the Headlight Hood.

In this position, the Brush Roll will spin when vacuuming.



## Straight Suction Cleaning

Disengage the Brush Roll to use the Kirby for straight suction cleaning when vacuuming hard floors, throw rugs, and delicate carpets.

Put Tech Drive® Power Assist in neutral when cleaning hard floors by pushing the left "N" (Neutral) pedal down.

For additional protection of hard floors, use the optional Hard Floor Pad. See page 47.



## Brush Roll Performance Indicator Light

The Brush Roll Performance Indicator Light, located on the top of the Power Nozzle, turns on when the Brush Roll is spinning properly.

If the Brush Roll Performance Indicator Light flashes intermittently or does not come on, the Belt may not be engaged properly or the Belt may need to be replaced. See page 51.



## Removing the Outer Permanent Bag and the Mini Em-Tor® Collector

The Mini Em-Tor Collector holds large, heavy particles that do not reach the Disposable Filter Bag.

**1** Grasp the base of the Mini Em-Tor Collector, rotate it away from the unit, and lift it off.



**2** Remove the top of the Outer Permanent Bag from the unit by pressing the release button on the Bag Clip.



**3** Position the opening of the Mini Em-Tor Collector over a newspaper, or similar, and shake it to remove particles. Reattach the Mini Em-Tor Collector when complete.

**i** Lock the Mini Em-Tor Collector securely in place or the unit will not operate. (It will not turn on).

**NOTICE** Property Damage Risk. Do not intentionally vacuum up heavy objects such as coins. Failure to follow this notice could result in damage to the fan.

## Upright Cord Management

A series of holders keeps the Cord attached to the Upright Handle.

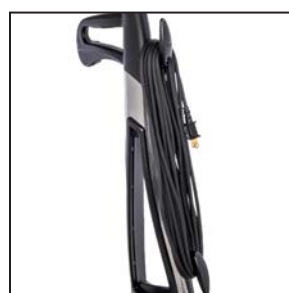


**1** Attach the Cord by snapping it into the holders located at the base and side of the Upright Handle.



**2** With the Upper Cord Hook in the up position, wrap the Cord toward the rear of the unit and slide the Cord under the holder on the Hook.

**i** Electrical Cord can only be inserted or removed from this holder when the Upper Cord Hook is in the up position. The Upper Cord Hook is designed to lock the Cord in place when it is turned down.



**3** For storage, wrap the Cord around the Upper and Lower Cord Hooks.



**4** Rotate the Upper Cord Hook down to release the Cord for use. The first loop will remain in the holder.



## Adjusting the Cleaning Height

The Toe-Touch Control, located over the front wheel, raises and lowers the Power Nozzle. The Kirby has seven cleaning height positions to provide the best performance no matter the flooring surface. The numbered settings are for carpet and floors. The dotted settings are for accessories and other cleaning needs.



- 1 Press the Toe-Touch Control up arrow (bottom pedal) to raise the Power Nozzle to its highest setting before turning the unit on.



- 2 Press the Toe-Touch Control down arrow (top pedal) to lower the Power Nozzle to the desired cleaning height. Keep higher positions for long fiber carpeting, lower positions for low pile carpeting, and set to the lowest position for hard floors.



## Tech Drive® Power Assist

Tech Drive Power Assist makes it easy to push or pull the Kirby when the motor is on.

- 1 When vacuuming carpet, turn Tech Drive Power Assist on by pressing down on the side of the pedal marked "D" (Drive).



- 2 When vacuuming hard floors or moving room to room, put Tech Drive Power Assist in neutral by pressing down on the "N" (Neutral) side of the pedal. This makes it easier to push or pull the unit when the motor is turned off.

**NOTICE** Property Damage Risk. Put Tech Drive Power Assist in "N" (Neutral) before vacuuming soft tile or hard floors. Failure to follow this notice could result in damage to the floor.



## Converting to a Portable Cleaner

The portable cleaner provides the full power of an upright vacuum with a shorter handle for convenient cleaning of stairs and mattresses.



- 1 Turn off and unplug the Kirby. Put Tech Drive Power Assist in "N" (Neutral). Release the Outer Permanent Bag from the unit by pressing the button on the Bag Clip.



- 2 Remove the Cord from the Upright Handle. Push the Handle Release Button at the base of the Upright Handle, and pull the Upright Handle straight up and out of the slot.



- 3 Insert the Portable Handle into the slot where the Upright Handle was connected.



- 4 Bend the Outer Permanent Bag and insert the Bag Clip into the slot on the Portable Handle, with the zipper facing up.

**NOTICE** Property Damage Risk. Do not use the portable cleaner on upholstered furniture. Failure to follow this notice could result in damage to the furniture.





## Cleaning Carpeted Stairs with the Portable Cleaner

Put Tech Drive® Power Assist in neutral by pressing down on the left "N" (Neutral) pedal. Place the Kirby® on a carpeted step, and turn on the Kirby after it is in place.

**⚠** Keep hair, loose clothing/jewelry, fingers, and all parts of body away from the unit openings and moving parts while operating.

**⚠** Tech Drive Power Assist pedal should be in the "N" (Neutral) position when vacuuming stairs.



## Cleaning a Mattress with the Portable Cleaner

Leave the sheet or mattress cover on the bed when vacuuming to protect the mattress from snags.

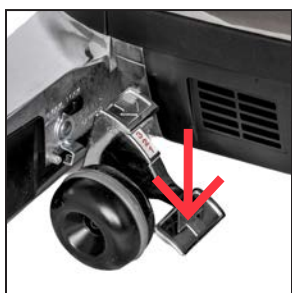
Put Tech Drive Power Assist in neutral by pressing down on the left "N" (Neutral) pedal. Disengage the Brush Roll by lifting the Headlight Hood and turning the Belt Lifter counterclockwise until the red arrows line up. Lower the Headlight Hood. Place the unit on the mattress, and turn on the Kirby after it is in place.

**NOTICE** Property Damage Risk. Disengage Brush Roll, put Tech Drive Power Assist in "N" (Neutral), and leave sheet on mattress. Failure to follow this notice may result in damage to the mattress.



## Converting to a Canister Vacuum

Convert the Kirby to a canister vacuum with the Hose and attachments for dusting, cleaning hard floors, and more.



**1** With the Kirby off and unplugged, press the up arrow (bottom pedal) on the Toe-Touch Control pedal to raise it to its highest position.



**2** Put Tech Drive Power Assist in neutral by pressing down on the left "N" (Neutral) pedal.



**3** Lift the Headlight Hood. Flip out the handle on the Belt Lifter. Rotate counterclockwise until the red arrows line up in the "BELT OFF" position.



**4** Turn the Accessory Lock counterclockwise to release the Power Nozzle and remove.

**⚠** Motor Shaft may be hot. Allow to cool before touching or removing lint, hair, or debris.

**⚠** Keep Motor Shaft free from lint, hair, and debris buildup. Failure to follow these notices may result in damage to the Attachment Hose as well as bodily injury.



**5** Place the hooks of the Attachment Hose over the Attaching Bar and tilt up until flush with the face of the unit. Turn the Accessory Lock clockwise to lock in place. Lower the Headlight Hood.

**i** The Upright Handle or the Portable Handle may be used with the Attachment Hose.

**i** If the unit will not turn on after connecting the Attachment Hose, see page 54.



## Hose Attachments

Your Kirby comes with a group of custom attachments to help you clean every surface in your house. To attach to the Hose, push lightly while twisting the smaller end of the Hose into the tool.



## Extension Tubes

Attach one or two Extension Tubes for extended reach.



## Suction Control Grip

Use with any of the attachments to control the airflow on the Kirby. Slide the valve on the Suction Control Grip to adjust the level of suction.



## Surface Nozzle

Use on bare floors and under low furniture.



## Duster Brush

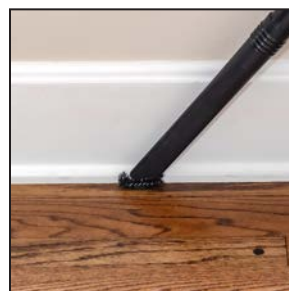
Remove dust from uneven surfaces.

**NOTICE** Property Damage Risk. Do not use Duster Brush on television screens. Failure to follow this notice may result in property damage.



## Upholstery Nozzle

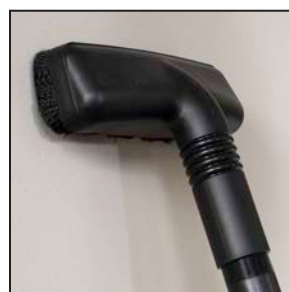
Clean furniture, carpeted stairs, and cars.



## Crevice Tool with Removable Brush

Use the Crevice Tool with the Brush to remove dirt from corners, window tracks, etc.

Remove the Brush to clean cracks, crevices, corners, grooves, and narrow openings.



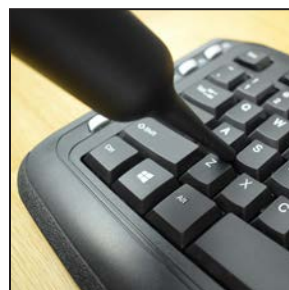
## Wall and Ceiling Brush

Rotates 180° to provide the perfect angle for cleaning walls, ceilings, door frames, and shelves.



## Utility Tool

Perfect for cleaning floor mats from your car or home.



## Inflator/Deflator Tool

Use as a Deflator Tool to clean tough-to-reach spaces (like a keyboard), or to deflate air-filled toys or mattresses.

To use as an Inflator Tool, see page 24.

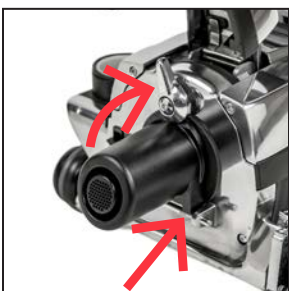
**NOTICE** Property Damage Risk. Use the Inflator/Deflator tool for 60 second bursts with a brief rest period between bursts. Failure to follow this notice could cause the motor to overheat and damage the fan blades.





## Inflator

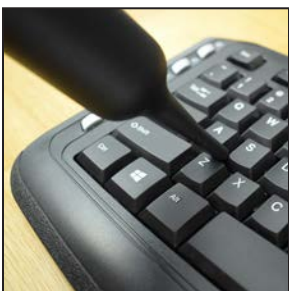
Convert the Kirby® system to an inflator by attaching the Hose to the Exhaust Port.



- 1 Remove the Power Nozzle. See page 21. Place the hooks on the back of the Air Intake Guard over the Attaching Bar on the front of the unit. Tilt the Air Intake Guard up against the unit, and turn the Accessory Lock clockwise to secure.



- 2 Remove the Outer Permananet Bag. See page 16. Connect the Attachment Hose to the Air Exhaust Port. Line up the arrow on the large end of the Attachment Hose with the arrow on the Air Exhaust Port. Twist the Attachment Hose clockwise to lock in place.



- 3 Attach the Inflator/Deflator Tool. Use to inflate toys, air mattresses, or any other low-pressure inflatable items up to 1 p.s.i. (pounds per square inch of air pressure).

**NOTICE** Property Damage Risk. Use the Inflator/Deflator tool for 60 seconds at-a-time with a brief rest period in between. Failure to follow this notice could cause the motor to overheat and damage the fan blades.



## Portable Sprayer

The Portable Sprayer can be used to water plants, apply a disinfectant to your home, etc. It can only be used in the inflator mode. See page 26. It is used to spray water-based liquids only.

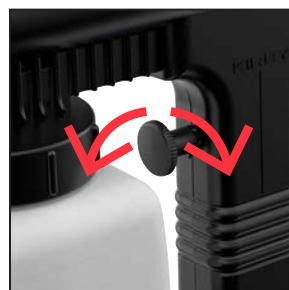


- 1 Set up the Portable Sprayer. Unscrew the Tank and fill it  $\frac{3}{4}$  full with non-flammable liquid.

Make sure the dip tube is attached to the Portable Sprayer before screwing the Tank on tightly. Attach the Portable Sprayer to the end of the Attachment Hose.

**NOTICE** Property Damage Risk. Use less solution in the Tank if the Portable Sprayer must be tilted during use. Failure to follow this notice could result in spilled fluid and property damage.

**⚠** Never use oil or solvent-based paint or other flammable or combustible liquids in the sprayer.



- 2 Hold the Portable Sprayer horizontally. Turn the unit on. Squeeze the trigger to spray the solution onto a newspaper to check the spray pattern. Turn the control on the trigger to adjust the spray pattern.




- 3 Squeeze the trigger fully and use slow, sweeping motions when spraying.

**⚠** Do not use pesticides or chemical products in the Portable Sprayer that may affect or damage the human respiratory system, eyes, or skin.



# Cleaning the Portable Sprayer

- 1 Clean the Portable Sprayer immediately after use. Empty the Tank. ONLY clean with warm soapy water.  
  
 Never clean the Portable Sprayer with flammable cleaning fluids.



- 2 Remove and wash the dip tube. Make sure to reinstall it after cleaning.



- 3 Press the two latches on the front of the Nozzle jet, pull it out, and thoroughly rinse. Fill the Tank with water, reattach, and spray water until clear.



# Portable Shampooer

The Portable Shampooer is a convenient way to shampoo steps, furniture, and small areas.

- 1 Vacuum the surface to be cleaned.



- 2 Assemble the Portable Shampooer the same way as the Portable Sprayer. See page 25. Fill Tank to the first line with water. Add Kirby® Carpet Shampoo until the liquid reaches the second line on the Tank.

- 3 Attach the Portable Shampooer Nozzle to the end of the Portable Sprayer.



- 4 Turn the Kirby on and pull the trigger to make suds; you can adjust the suds volume by turning the control on the trigger.



- 5 Spray suds directly onto the surface being cleaned, and work into the surface with a soft, clean brush or sponge until they disappear. Allow the surface to dry completely and then vacuum to remove the dry residue which contains dirt and grime.

**NOTICE** Property Damage Risk. Do not use the Portable Shampooer on delicate upholstery fabrics such as silk, brocade, or velvet. If in doubt, try a test patch. Let the test patch dry and then check for compatability before shampooing further.



- 6 Thoroughly clean the Portable Shampooer after use. See page 26.



## Zippbrush

The Zippbrush is perfect for vacuuming furniture and stairs, or cleaning your car. It's a must-have for pet owners!

For best results, do not press down heavily on the Zippbrush. Allow it to rotate at maximum speed by gently moving it over the surface being cleaned.

**⚠** Keep hair, loose clothing/jewelry, fingers, and all parts of body away from spinning Zippbrush. Keep Brush flat against surface being cleaned as the Brush can throw particles outward.

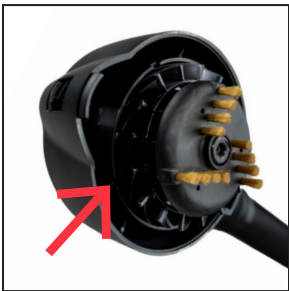
**NOTICE** Do not use Zippbrush on delicate fabrics. Failure to follow this notice could result in property damage.

## Clean the Zippbrush after use

**1** Remove the Zippbrush from the Hose. Press the button on the front of the Brush to release the outer Brush ring.



**2** Lift the turbine out of the tool and remove any particles or lint from the turbine and tool cavity.



**3** Place the turbine back in the tool and turn it until the tabs drop into the slots. Snap the brush ring back into place.



## Multi-Surface Shampoo System

The Multi-Surface Shampoo System expands the versatility of your Kirby® so you can shampoo carpets, clean & polish hard floors, and scrub tile & grout.

## Converting to a Shampoo System for Carpets

Keep your carpets looking new by shampooing regularly, especially high traffic areas. Vacuum carpet thoroughly before shampooing.

**1** Remove the Power Nozzle (page 21) and the Outer Permanent Bag (page 16)



**2** Lift and remove the Waste Tray from the Multi-Surface Shampoo System.



**3** When shampooing carpets, the Carpet Brush Roll must be used. If the Carpet Brush Roll is already inserted, skip to step #8.

If necessary, insert the Carpet Brush Roll. Using the handle, turn the Multi-Surface Shampoo System Nozzle Belt Lifter clockwise until the green arrows line up.



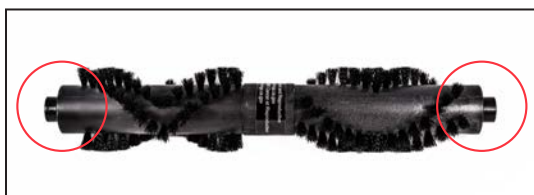


4 Turn the Multi-Surface Shampoo System over and pull up on the Belt to loosen and remove the Rotary Mop.

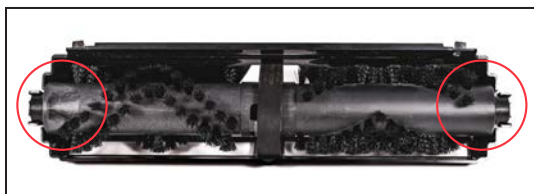


5 Slide the Belt from the Multi-Surface Shampoo System over the center of the Carpet Brush Roll and insert it into the Multi-Surface Shampoo System.

6 Make sure that the Carpet Brush Roll ends are inserted evenly and completely into the end grips before starting the Kirby.



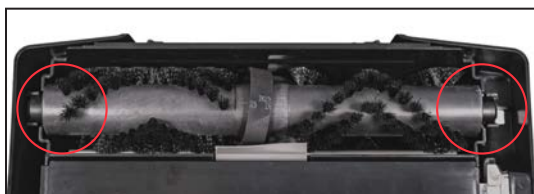
BRUSH ROLL



BRUSH ROLL IN SHIELD



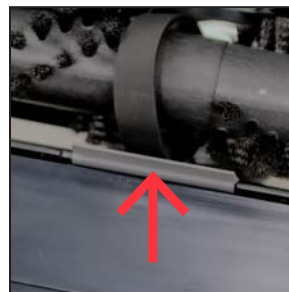
BRUSH HOLDERS/SHIELD IN MS3



BRUSH ROLL & SHIELD IN MS3



7 Turn the Multi-Surface Shampoo System over. While pushing up on the Belt with your finger, use the handle on the Belt Lifter to turn it counterclockwise until the red arrows line up. The Belt Lifter Hook will catch and stretch the Belt.



8 Check to make sure that the baffle strip is in place on the bottom of the Multi-Surface Shampoo System. Insert the baffle strip if necessary with flat side facing the Brush Roll.

**NOTICE** Property Damage Risk. Make sure the baffle strip is in place on the Multi-Surface Shampoo System before using on carpet. Failure to do so may result in property damage.



9 Press the Toe-Touch Control up arrow (bottom pedal) all the way down to raise the front of the unit.



10 Place the hooks on the rear of the Multi-Surface Shampoo System to the Attaching Bar.



11 Tilt the Multi-Surface Shampoo System up until flush with the face of the unit, and turn the Accessory Lock clockwise to lock in place.





- 12** Use the handle on the Multi-Surface Shampoo Nozzle Belt Lifter to turn it clockwise until the green arrows line up. Lower the Headlight Hood.



- 13** Insert the Waste Tray.



- 14** On the Shampoo Tank, check that the Suds Screen and foam sponge are in place. If they are not in place, the Multi-Surface Shampoo System won't perform properly.



- 15** The Shampoo Tank should be filled or emptied at a sink. Unscrew the large cap from the top of the Shampoo Tank. Turn the Suds Control Valve to "OFF". Fill the Tank with warm water (not hot) according to the chart below.

Use the large cap from the top of the Shampoo Tank to measure Kirby® Carpet Shampoo, not the cap from the shampoo bottle. Do not use more than the appropriate number of capfuls of shampoo as over foaming will occur.

AREA	WATER	SHAMPOO
Small	1st Line on Shampoo Tank	1 Capful
Medium	2nd Line on Shampoo Tank	2 Capfuls
Large	3rd Line on Shampoo Tank	3 Capfuls

Replace the large cap on the Shampoo Tank.

- i** One tankful of solution filled to the third line will clean a large carpet area about 10 x 12 feet in size (3 x 3.5 m).

- !** Use only Kirby® cleaning solutions, such as Kirby Carpet Shampoo, intended for use with this product. Failure to follow this warning could result in injury due to internal component damage.



- 16** Firmly connect the Elbow Hose to the Multi-Surface Shampoo Nozzle.



- 17** Taking care to avoid spilling liquid on the unit or the floor, place the opening in the bottom of the Shampoo Tank over the Air Exhaust Port.

Rotate the Shampoo Tank toward the unit to lock it in place. If it is not snapped tightly into place, the system will not turn on.



- 18** Connect the Elbow Hose to the bottom of the Shampoo Tank.



## Shampooing Carpets

- 1** Starting in the highest cleaning position, step on the down arrow of the Toe-Touch Control until the Multi-Surface Shampoo System makes contact with your carpet.



- 2** Turn the Suds Control Valve to the carpet setting. Turn the Kirby on. As the unit is moved back and forth, foam will release, and the Brush will work it into the carpet. For ease of cleaning, shampoo smaller sections of the carpet at a time.

- 3** Turn the Suds Control Valve to the off position. Go back over the shampooed carpet in multiple directions to thoroughly work all the shampoo into the carpet.





- 4** If necessary, empty the Waste Tray during shampooing. Check the indicators on the edge of the Waste Tray cover. When liquid begins to fill the area below the indicators, it is time to empty the Waste Tray.

Turn off the Kirby. Lift the Waste Tray and carry to a sink to empty. Replace the Waste Tray before turning the system back on and resuming shampooing.



- 5** Allow carpet to dry completely. Convert the Kirby to an upright vacuum. Vacuum to remove the dry residue which contains dirt and grime.



## Cleaning the Multi-Surface Shampoo System

- 1** Turn the Suds Control Valve to the off position.



- 2** Push the Toe-Touch Control up arrow (bottom pedal) all the way down to raise the Nozzle and Tray. Let the unit run for several seconds to allow any remaining shampoo and water to spin off the Brush. Turn the unit off and unplug it.



- 3** Lift the Waste Tray and carry to a sink to empty. Thoroughly rinse all parts of the Tray and set aside to dry.



- 4** Remove the Elbow Hose from the bottom of the Shampoo Tank.



- 5** Raise the Headlight Hood. Rotate the Belt Lifter counterclockwise until the red arrows line up in the "BELT OFF" position.



- 6** Turn the Accessory Lock counterclockwise. Lift off the Multi-Surface Shampoo System and carry it to the sink.



- 7** Rinse all areas of the Multi-Surface Shampoo System, and remove any lint from the Brush Roll. Allow all parts to dry thoroughly.



- 8** Rotate the Shampoo Tank away from the unit and lift off.



**9** At the sink, discard any remaining liquid in the Shampoo Tank. Remove and clean the Suds Screen, Tank Cap, and sponge filter. Rinse out the Shampoo Tank with cold water and replace the Suds Screen, Tank Cap, and sponge filter. Allow all parts to dry thoroughly before reassembling.



## Multi-Surface Shampoo System: Hard Floors

The Multi-Surface Shampoo System can be used to clean hard floors by inserting the Rotary Mop and cleaning with Kirby® Hard Floor Cleaner. Before cleaning hard floors, vacuum or sweep the floor.



## Converting to a Cleaner for Hard Floors

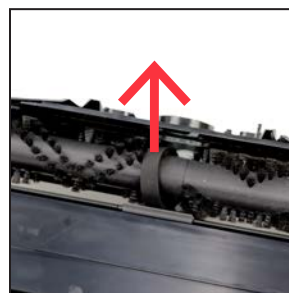
**1** Remove the Power Nozzle (page 21) and the Outer Permanent Bag (page 16).



**2** Lift and remove the Waste Tray from the Multi-Surface Shampoo System.



**3** When cleaning hard floors, the Rotary Mop must be used. If the Rotary Mop is already inserted, skip to step #8. If necessary, remove the Carpet Brush Roll and insert the Rotary Mop. Using the handle, turn the Multi-Surface Shampoo System Nozzle Belt Lifter clockwise until the green arrows line up.



**4** Turn the Multi-Surface Shampoo System over and pull up on the Belt to loosen and remove the Carpet Brush Roll.



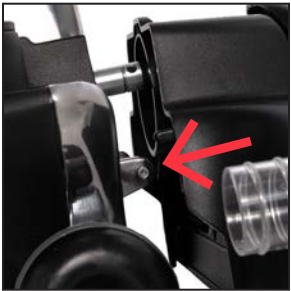
**5** Slide the Belt from the Multi-Surface Shampoo System over the center of the Rotary Mop and insert it into the Multi-Surface Shampoo System. See page 30 for proper Brush Roll installation.



**6** While pushing up on the Belt with your finger, use the handle to rotate the Belt Lifter counterclockwise until the red arrows line up in the "BELT OFF" position. The Belt Lifter Hook will catch and stretch the Belt.



**7** Press the Toe-Touch Control up arrow (bottom pedal) all the way down to raise the front of the unit.



**8** Place the hooks on the rear of the Multi-Surface Shampoo System over the Attaching Bar.



**9** Tilt the Multi-Surface Shampoo System up until flush with the face of the unit, and turn the Accessory Lock clockwise to lock in place. Use the handle on the Shampoo Nozzle Belt Lifter to turn it clockwise until the green arrows line up. Lower the Headlight Hood.



**10** Insert the Waste Tray.



## Cleaning Hard Floors

Always use a small amount of liquid when cleaning hard floors.

**NOTICE** Property Damage Risk. Never let liquid sit on hard floors. Do not use on unsealed floors. Always follow floor manufacturer's recommended cleaning instructions. Failure to follow this notice could result in property damage.



## Clean Hardwood or Laminate Floors

**1** Attach the empty Shampoo Tank to the Air Exhaust Port. You do not need to attach the Elbow Hose.



**2** Spray a fine mist of Kirby® Hard Floor Cleaner Ready to Use on a small area of the floor. Do not over-wet floor.



**3** Put Tech Drive® Power Assist in "N" (Neutral), and turn the Kirby on.





- 4** Press the Toe Touch Control up arrow (upper pedal) to lower the Kirby® until the Rotary Mop contacts the floor. Move the Kirby over the area to be cleaned. Spray additional cleaner as needed.



- 5** If necessary, empty the Waste Tray during cleaning. Check the clear indicators on the edge of the Waste Tray cover. When liquid begins to fill the area below the indicators, it is time to empty the Waste Tray.

Turn off the unit. Lift the Waste Tray and carry to a sink to empty. Replace the Waste Tray before cleaning.



- 6** Allow the floor to dry completely. If necessary, use a towel to wipe up excess fluid.



- 7** Clean the Multi-Surface Shampoo System thoroughly. Allow all parts, especially the Rotary Mop, to dry thoroughly before storage.



- 8** Over time, the Rotary Mop fibers will wear down. Replace the Rotary Mop regularly for best cleaning results.



## Clean Vinyl or Tile Floors

- 1** Fill the Shampoo Tank with warm water to the first line. Add one cap full of Kirby Hard Floor Cleaner Concentrate.

Do not use more than directed, as over-foaming will result. Replace the large cap on the Shampoo Tank.

- ⚠** Use only Kirby cleaning solutions, such as Kirby Hard Floor Cleaner Concentrate, intended for use with this product. Failure to follow this warning could result in injury due to internal component damage.



- 2** Firmly connect the Elbow Hose to the Multi-Surface Shampoo Nozzle.



- 3** Taking care to avoid spilling liquid on the unit or the floor, place the opening in the bottom of the Shampoo Tank over the Air Exhaust Port.

Rotate the Shampoo Tank toward the unit to lock it in place.



- 4** Connect the Elbow Hose to the bottom of the Shampoo Tank.



- 5** Press the Toe-Touch Control down arrow (upper pedal) to lower the Kirby until the Rotary Mop contacts the floor.



**6** Turn the Suds Control Valve clockwise to the "HARD FLOOR" setting. Put Tech Drive® Power Assist in "N" (Neutral). Turn the Kirby® on. As the unit is moved back and forth, cleaning solution will release, and the Rotary Mop will scrub the floor. Do not release large amounts of liquid on the floor.



**7** Turn the Suds Control Valve to the "OFF" position. Go back over the floor to thoroughly clean the floor and to pick up excess solution.



**8** If necessary, use a towel to wipe up excess fluid. Allow the floor to dry completely.



**9** Clean the Multi-Surface Shampoo System thoroughly. Allow all parts, especially the Rotary Mop, to dry thoroughly before storage.



## Miracle Shine Kit

Bring a high gloss to hard surface floors with the Miracle Shine kit.



**1** Vacuum the floor and/or clean with the Multi-Surface Shampoo System before applying Kirby Miracle Shine. Allow floor to dry completely.



**2** Remove the MultiSurface Shampoo System. Remove the Rotary Mop. Insert the striped Miracle Shine Mop. See page 30 for Brush Roll installation.



**3** Attach the empty Shampoo Tank to the Air Exhaust Port. You do not need to attach the Elbow Hose.



**4** Working in small sections, lightly spray Kirby Miracle Shine directly on the floor.

**NOTICE** Test Kirby Miracle Shine in an inconspicuous area of floor prior to full application.





**5** Make sure Tech Drive® Power Assist is in “N” (Neutral) and the Kirby® is on.



**6** Press the Toe-Touch Control down arrow (upper pedal) and lower the Kirby until the Miracle Shine Mop contacts the floor. Immediately move the cleaner over the sprayed area to spread the Miracle Shine in an even layer. For best results, only go over the area with one or two quick passes; anything more may cause streaks. Spray additional solution as needed.



**7** Allow floor to completely dry before walking on surface.

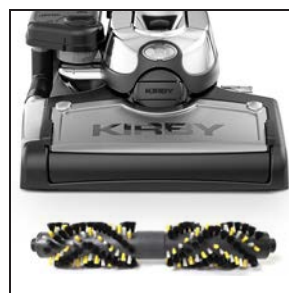


**8** Clean all parts of the Multi-Surface Shampoo System using a mixture of 50% ammonia and 50% water to remove any build-up of Kirby Miracle Shine. Allow parts to dry before storage. If necessary, wipe off bottom of the Kirby system with soft rag dampened with a mixture of 50% ammonia and 50% water.



## Tile & Grout Kit

Clean and scrub tile and grout floors with your Kirby!



**1** Convert the Kirby system to a cleaner for hard floors (p. 36). Instead of using the Rotary Mop, insert the Tile & Grout Brush Roll.



**2** Attach the empty Shampoo Tank to the Air Exhaust Port. You do not need to attach the Elbow Hose.



**3** Working in small sections, lightly apply Kirby Tile & Grout Pre-Treat directly to discolored or stained grout lines. Spray Kirby Tile & Grout Cleaner directly on the floor.

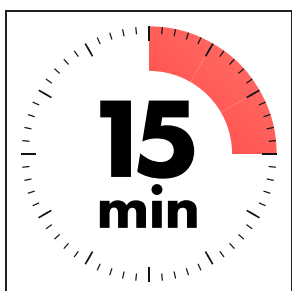
**NOTICE** Test Kirby Tile & Grout Cleaner in an inconspicuous area of floor prior to full application.



**4** Make sure Tech Drive® Power Assist is in “N” (Neutral) and the Kirby® is on.



**5** Press the Toe Touch Control down arrow (upper pedal) repeatedly until the Tile and Grout Brush Roll contacts the floor. Move the Kirby over the area to be cleaned. Spray additional cleaner as needed.



**6** Allow floor to completely dry before walking on surface.



**7** Clean the Multi-Surface Shampoo System. Allow parts to dry before storage.



## Hard Floor Pad

For additional floor protection from possible scratches, the optional Hard Floor Pad can be used when vacuuming bare floors.

**NOTICE** For use on dry floors only.



**1** Turn the Kirby off. Step on the up arrow (bottom pedal) of the Toe-Touch Control to raise the Power Nozzle. Slide the Hard Floor Pad under the Nozzle and press up until the clips lock in place.

**⚠** Turn the Kirby off, unplug Power Cord from wall outlet, and be sure the motor and Brush Roll have stopped before attaching the Hard Floor Pad.



**2** Rotate the Belt Lifter counterclockwise until the red arrows line up in the “BELT OFF” position.



**3** Put Tech Drive Power Assist in “N” (Neutral). Lower the Power Nozzle and vacuum the floor.



**4** To remove the Hard Floor Pad, raise the Power Nozzle and step down on the tabs at the back of the Hard Floor Pad.



## Turbo Accessory

The Turbo Accessory can be used as a sander, a polisher, or for scouring. The Turbo Accessory is used with the Hose on the front of the Kirby®.



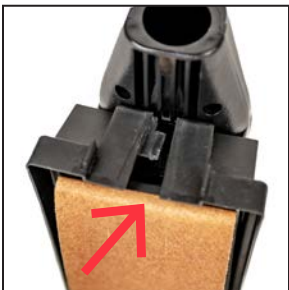
## Sanding

**1** To assemble the Turbo Sander, first unsnap the Sander Dust Shroud and lift off.



**2** Rotate the clamp levers on the side of the Turbo Accessory up. Slide a sheet of sandpaper into the front clamp and lock the lever. Tightly wrap the sandpaper around the bottom of the Turbo Accessory, tuck the end into the rear clamp, and lock in place.

**i** Three grades of sandpaper come with the Turbo Accessory. Use fine paper for a smooth finish and coarse paper to clear rough surfaces.



**3** With the Turbo Accessory on a level surface, reattach the Sander Dust Shroud with the opening to the rear, and connect to the Hose.



**4** Hold the Turbo Accessory and turn the Kirby on. Press the button on the top of the Turbo Accessory to turn on.

While applying light pressure, move it over the surface slowly. Allow the Turbo Accessory to do the work. Do not force it or lean heavily on it.

**!** Sanding can result in an explosive mixture of fine dust and air. Use sanding machine only in well-ventilated areas.

- Never leave a Disposable Filter Bag unattended with sanding dust.
- Never empty the contents of the Disposable Filter Bag into a fire. Replace the Disposable Filter Bag when it is 1/3 full, and empty the Disposable Filter Bag each time you finish using the machine.
- Be sure no metal objects, such as tacks, nails, etc. are sticking up from the surface. They can damage the sandpaper and the Turbo Accessory. Always use a hammer and punch to counter-sink all nails before sanding.

**!** Hitting a nail while sanding can cause sparks and create an explosion or fire.

**!** Always wear safety glasses.



## Polishing

You can use the Turbo Accessory for polishing tabletops, paneling, and other large flat surfaces.

Attach the synthetic lamb's wool pad using the same process as attaching sandpaper. Do not reattach the Dust Shroud; it is not used for polishing.



## Scouring

Use Turbo Accessory for scouring hard surfaces, such as ceramic tile. Do not use on painted surfaces.

Attach the webbed nylon scouring pad using the same process as attaching sandpaper or lamb's wool pad. Do not reattach the Dust Shroud; it is not used for scouring.

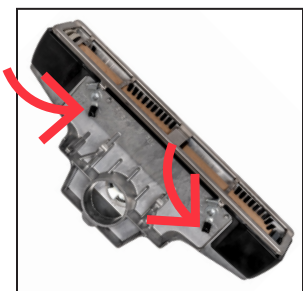
**!** ALWAYS turn off the unit and unplug it from the wall outlet prior to doing any maintenance.

## Belt and/or Brush Roll Replacement

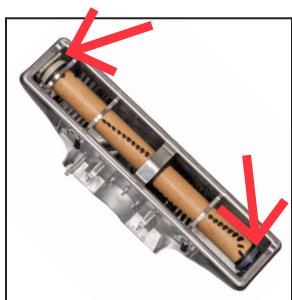
**1** After removing the Power Nozzle, Rotate the Belt Lifter clockwise until the green arrows line up in the "BELT ON" position.



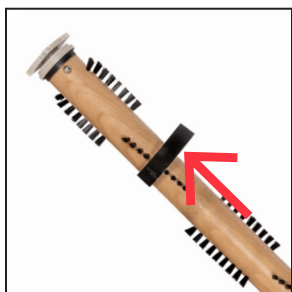
**2** Unlock the Rug Plate by unhooking the two latches on the rear of the Power Nozzle. Pull on the rear edge of the Rug Plate to remove.



**3** Take note of the bristle height setting, which is marked on the end of the Brush Roll, before lifting out the Brush Roll. See page 52.



**4** Slide off the old Belt and replace with a new one.



**5** Make sure the numbers on the Brush Roll end caps are the same on both sides before inserting the Brush Roll into the Power Nozzle.

Place the Belt and Brush Roll back into the Power Nozzle. One of the Brush Roll ends is larger than the other. The Brush Roll will only fit in the Power Nozzle one way.

Center the Belt on the Brush Roll.

**NOTICE** Property Damage Risk. Use only genuine Kirby replacement parts. Failure to follow this notice could result in property damage.

**6** Place the Rug Plate on the front of the Bumper first and then pull it over the rear. Secure it in place with the two latches.



**7** Turn the Belt Lifter counterclockwise until the red arrows line up. The Belt should catch on the hook inside the Nozzle. Reattach the Power Nozzle to the unit.



**8** Rotate the Belt Lifter clockwise until the green arrows line up in the "BELT ON" position.



**9** Turn the Kirby® on and check that the Brush Roll Indicator Light is on. This means that the Brush Roll is spinning.







## Adjusting the Brush Roll Height

**1** The Brush Roll height is adjustable. The bristles, which wear down after long periods of use, can be extended.

Follow the directions for changing the Belt on page 50. When the Brush Roll has been removed, select the Brush Roll height.



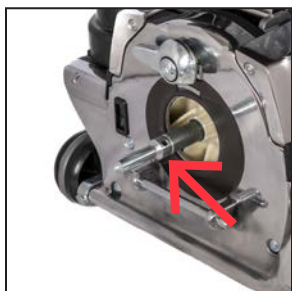
**2** Rotate the Brush Roll ends to the desired setting: 1, 2, or 3 notches. Make sure the setting is the same on both ends. The greater the number of notches, the further the bristles are extended.

Reinsert the Brush Roll and attach the Rug Plate.



## Service Tips

Keep the entire Brush Roll and Belt track clear of lint, string, hair, and other fibers.



Keep Motor Shaft free from lint, hair, and debris built-up.

**⚠** Motor Shaft may be hot. Allow to cool before touching or removing lint, hair, or debris.

**⚠** Keep Motor Shaft free from lint, hair, and debris build up. Failure to follow these warnings may result in damage to the Attachment Hose as well as bodily injury.

## Wheel Wear and Replacement

Kirby® wheels are made with a pliable tread that is designed to prevent carpet wear and damage to floors. After extended periods of use, the tread on the wheels will wear out, and the wheels will need to be replaced.

Check the wheel treads. If any of the plastic wheel is showing through the tread, contact a Kirby® Authorized Service Center to replace the wheels.

## Cord Replacement


**⚠** If the electrical Cord becomes cut or frayed, DO NOT USE THE UNIT. Contact a Kirby Authorized Service Center for replacement.

The new replacement Cord should be attached to the unit first, before it is plugged into the wall outlet.

## Headlight Replacement

If one or more of the LED lights in the Headlight burn out, contact a Kirby Authorized Service Center for replacement.

## Servicing a Double Insulated Appliance

In a double insulated appliance, two systems of insulation are provided instead of a grounding. No grounding means is necessary, nor should a means for grounding be added to the appliance. A double insulated appliance is marked with the words "DOUBLE INSULATED" (U.S.A. and Canada). The symbol  may also be marked on the appliance.

Servicing a double insulated appliance requires extreme care and knowledge of the system and should be done only by qualified service personnel.

Replacement parts for this double insulated model must be genuine Kirby parts for maintenance of safety and protection of warranty.

**⚠ DANGER** Electric Shock Hazard.

- Always unplug before servicing.
- NEVER use with a damaged plug.
- If appliance is not working as it should; has been dropped, damaged, or left outdoors; or has been dropped into water, return it to a Kirby Authorized Service Center. Failure to follow these warnings will result in death or serious injury.



### The motor does not turn on.

1. Make sure the Power Cord is plugged into an outlet and that the outlet has power.
2. Make sure the Cord is fully inserted into the unit.
3. Check the Power Cord for damage. If it is damaged, have it replaced by a Kirby® Authorized Service Center.
4. Make sure that an attachment or accessory is properly placed on the front of the unit. The unit will not run without the Power Nozzle, Attachment Hose, Air Intake Guard, or the Multi-Surface Floor Nozzle properly in place.
5. The unit will not run without one of the following properly mounted to the Air Exhaust Port: Mini Em-Tor® Collector, Attachment Hose, or Multi-Surface Shampoo Tank.

### The unit is not picking up dirt.

1. Check to see if the Brush Roll is turning when the unit is on by looking at the green Brush Roll Indicator Light. If the light is not on, the Brush Roll is not turning freely; the Belt is slipping (stretched), broken, or not engaged. The Belt may need to be replaced.
2. Make sure that the Power Nozzle height is adjusted to place the Brush Roll in contact with the carpet. Use the Toe-Touch Control to adjust the height. See page 18.
3. If the Brush Roll is turning, and the Brush Roll is in contact with the carpet, check for bristle wear and adjust the Brush Roll height if necessary. See page 52.
4. Check the Disposable Filter Bag to see if it is full. If it is, replace with a new Filter Bag.
5. Check the Fill Tube and Air Exhaust Port for clogging.

### The unit is difficult to push.

1. If the motor is off, make sure the Tech Drive® Power Assist Pedal is in Neutral ("N") before pushing the unit.
2. If the motor is on, put the Tech Drive Power Assist Pedal in drive to make the unit easier to push. Do not use Tech Drive Power Assist on hard surface floors.
3. Adjust the height of the Power Nozzle if necessary.

### There is a smell of burning rubber when using the unit.

1. Check to see if the Brush Roll is turning when the unit is on by looking at the green Brush Roll Indicator Light. If the light is not on, then the Brush Roll may be stalled due to threads around the ends. Unplug the unit. Then, remove the Brush Roll and make sure it rotates freely at both ends.
2. The Belt may not be fully engaged or disengaged. Make sure the green arrows or red arrows on the Belt Lifter match up fully.
3. If a slipping Belt has deposited a black residue on the Motor Shaft, remove it gently using steel wool or sandpaper, and replace the Belt.

### The Outer Permanent Bag or the Disposable Filter Bag has an unpleasant smell.

1. Replace the Disposable Filter Bag. See page 11.
2. Place a few drops of Deodorizer Drops® on a cotton ball and toss it in the Outer Permanent Bag.
3. Check for debris in the Mini Em-Tor® Collector.
4. It is not recommended to wash the Outer Permanent Bag.

### The Multi-Surface Shampoo System does not produce foam when cleaning carpets.

1. Make sure the Suds Control Valve on the Shampoo Tank is turned clockwise to the "CARPET" position.
2. Remove the Elbow Hose and check that the small Suds Screen is properly seated in the bottom opening of the Shampoo Tank.
3. Remove the Shampoo Tank from the unit and check that the foam filter is in place on the bottom of the large opening that connects to the Exhaust Port.
4. Use only Kirby Carpet Shampoo. Verify that the proper mixture of water and Kirby Carpet Shampoo has been used in the Tank. See page 32.
5. In addition, for proper cleaning, make sure the Belt is engaged, and that the baffle strip is inserted correctly on the bottom of the Tray. See page 31.

### Need additional assistance?

Your local Kirby Authorized Service Center is available to assist you.

Or, contact The Kirby Company:

consumer@kirby.com

1-800-494-8586 (United States and Canada)

See complete contact list on back cover

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Made under one more of the following patents and design registrations.  
Other patents and design registrations pending.

## United States

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## Australia

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## Benelux

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## Canada

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2742137  
Ⓢ Kirby®162067  
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Ⓢ Kirby®162068

## China

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ZL201130007059  
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ZL201210007469.9  
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## France

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## Germany

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602008015293.6

## Italy

98546  
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## Japan

1414693

## Korea

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0822516  
0829774-0001  
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## New Zealand

411288  
570620  
420040  
420041  
420039

## Russia

73673  
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100549

## South Africa

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A2015/00654  
A2015-00653

## Spain

2108297

## United Kingdom

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*Other patents pending*

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