



## **USER GUIDE**

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## REMOVING AND REINSTALLING THE PROPELLER



1. Locate the prop nut in the center of the propeller. It looks like this:



2. To remove the prop nut: Hold the propeller with one hand and turn the prop nut counter-clockwise with the other hand.



3. Once the prop nut is off, you will be able to remove the propeller from the motor shaft by lifting it up.



4. Locate the groove on the bottom of the propeller and the prop pin that goes through the shaft. (When re-installing the propeller, the prop groove must be seated on the pin). Remove the pin from the shaft. **DO NOT LOSE THE PIN!**



5. With the pin out, clean any debris that may be wrapped around the motor shaft.

To re-install the propeller, just reverse this sequence. Do not use tools to tighten the prop nut. Hand-tighten only.

Weekly prop debris removal is an important part of routine cleaner maintenance. Excess debris can build up around the prop shaft and compromise the watertight seal.

Propellers are durable but over time the leading edge can become rough. Props can be sharpened with a file to remove burrs and nicks. This makes the prop run more smoothly and keeps debris from snagging on it while you vacuum. Remove the propeller before attempting to sharpen it.

## REMOVING AND REINSTALLING THE MOTOR/CORD ASSEMBLY



1. Remove the screws located on either side of the vacuum head (4), and 1 screw holding the cord clamp to the pole yoke block. Leave the wheels in place.



2. Remove the propeller nut, propeller, and propeller pin. (Refer to REMOVING THE PROP guide for instructions).



3. Working from the top, gently pry the head halves apart and lift the motor assembly up and out of the vacuum head. (Reverse this procedure to install the motor/cord assembly).

**IMPORTANT: DO NOT** attempt to remove the cord from the motor, open the black cord nut, or open the motor in any way. Doing so can void the warranty and compromise the watertight seal.

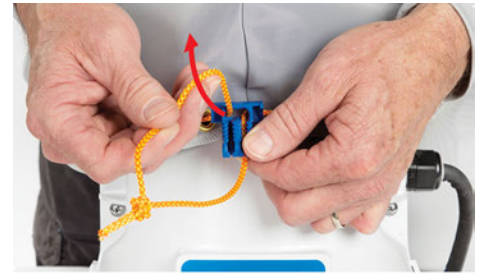
## ATTACHING THE DEBRIS BAG



1. Pull the debris bag down over the lip on the vacuum head. Placing the clip over the front decal and standing over the vacuum head will allow you to tighten the clip more easily.



2. Pull both strings away from the clip so that the bag is as tight as possible around the vacuum head, then pull both strings all the way down into the grooves of the clip.



3. Tighten the bag again like this: Pull one string up and out to release it, then pull it down firmly into the groove of the clip. To release the bag for emptying, simply pull one string out of the groove, leaving the second string in place.

Hammer-Head bags are all handmade in the USA from chemical resistant materials and feature a no-slip cleat/string attachment and color-coded tags for quick identification. They are reusable and with proper care will provide months of professional service. Bags should be stored clean and dry, and you should avoid dragging or scuffing them on the pool bottom, the pool deck, coping or any other rough surface. Bags can be punctured by sharp objects such as twigs, sticks, rocks, or glass. Please use care when vacuuming to prolong the life of your debris bag. Remove the bag before driving to your next pool. Transporting the Hammer-Head unit on the back of your vehicle while the debris bag is on the vacuum head will shorten the bag's life.

The best way to clean a Hammer-Head bag is to turn it inside out. Shake the debris out of the bag and rinse with a garden hose if necessary. Because of the fine debris it picks up, turning inside out and rinsing is the best way to clean the HH1510 Volcano bag.

## CHOOSE THE RIGHT BAG FOR THE JOB

### HH1502 COARSE BAG "THE HURRICANE"

SUGGESTED USE: Heavy debris where a second cleaning is a given - Spring clean-ups and start-ups, too. Also comes in an XL size as part number HH1502XL (46" long). True micron rating: 800

### HH1506 STANDARD BAG

SUGGESTED USE: Best for larger debris and coarser sand and gravel particles. Also comes in an XL size as part number HH1506XL (46" long). True micron rating: 200

### HH1508 SUPERFINE BAG

SUGGESTED USE: Smaller and larger debris, dust and fine sand. Use this bag when the pool is mostly clean. Good everyday bag to use once the pool is up and running normally. Also comes in an XL size as part number HH1506XL (46" long). True micron rating: 150

### HH1510 ULTRAFINE BAG "THE VOLCANO" (patented)

SUGGESTED USE: Use this bag for special cleanup and when the pool is mostly clean. Patented, no-leak design. Tested to pick up approximately 95% of fire ash and DE powder. True micron rating: 75

### MORE ABOUT DEBRIS BAGS: *KNOW YOUR MICRONS*

You can't see a micron with the naked eye, but filtration is measured, talked about, and bragged about in microns. So, what is a micron? A micron is one millionth of a meter, or approximately .00003937 inches. Micron ratings are also absolute or nominal. Absolute micron ratings mean that the filter media will filter out 90% of particles below that micron size. Nominal micron ratings mean that the filter media will retain particles but not to any percentage greater than 50%.

To put it simply, the smaller the micron number, the finer the filtration. As debris goes, any particle below about 40 microns is smaller than the human eye can easily see.

Average diameter of a human hair: 70 microns

White blood cells: 25 microns

Talcum powder: 10 microns

Red blood cells: 8 microns

Bacteria: 2 microns

What does this mean? When a filter or bag manufacturer claims they have a 3 or 6 micron rating, you should ask yourself: Will this really filter blood cells, or actual bacteria? We don't think so either. The truth is, there isn't much truth to micron ratings because there is no standardized testing for these ratings. Each manufacturer can apply any rating based on their own testing. What is really important to you, the service manager or maintenance technician, is the real-world performance of these filter media, and of course, the Hammer-Head debris bags. Hammer-Head bags are so popular, they are even used by owners of other vacuums. The bottom line: Don't believe every micron claim you read. With no industry standard, the only true test is the real-world test you perform yourself.

### GENERAL HAMMER-HEAD VACUUMING AND OPERATING PROCEDURE

1. Roll the cart up to the pool with the power switch towards the water.
2. Slip your pool pole onto the yoke assembly, remove the bungee cord strap, unwrap a few coils of power cord from the cart, and set the vacuum head down on its wheels on the pool deck.
3. Attach and tighten the debris bag. (See ATTACHING THE DEBRIS BAG in this guide).
4. Lift the vacuum head unit and lower into the water.
5. Turn on the power switch and begin vacuuming. Avoid vacuuming over the debris bag. Do not let the debris bag drag on the pool floor, as this can damage the bag and make it unusable. The vacuum head should always be supported on the two large wheels. Vacuuming pool steps with the vacuum head hanging off the step will put unnecessary stress on the vacuum head body and wear it out prematurely.
6. When vacuuming the pool is complete, lift the head fully out of the water upside down (wheels up, debris bag down). Set the vacuum head down on the deck on its wheels and turn off the power switch. Avoid setting the vacuum head down on the front decal, this will wear out the head prematurely. Avoid snagging the bag on the pool edge, dragging it on the pool deck, or setting the vacuum on top of the bag, as this can damage the bag.
7. Remove the bag. Turn it inside out to empty it. You can also hose it off to clean it fully before the next use.
8. Remove the pool pole. Leaving the vacuum head on the deck, coil the cord back onto the cart in large loops. Do not coil tightly. Remove any twists in the cord as you replace it on the cart.
9. Place the vacuum head back on the cart rests and secure with the safety bungee for transport. We do not recommend transporting the unit with chemicals in the accessory tray. We do not recommend transporting the unit with the debris bag on the vacuum head, as this can damage the bag and make it unusable.
10. We recommend using 12 volt deep-cycle marine batteries with all Hammer-Head units. Marine batteries should be charged EVERY DAY on an automatic charger with a minimum charging rate of 6amps and a maximum of 10amps. **DO NOT TRICKLE CHARGE YOUR MARINE BATTERY.** Marine batteries should always remain on an automatic charger when not in use. This will lengthen the life of the battery and ensure maximum vacuum time per day.

## UNDERSTANDING THE SMART (BLACK) SWITCH (HH1062)

The HH1062 Smart Switch was developed by Hammer-Head to add convenience, control, and protection to your Hammer-Head Resort or Service unit. The internal circuit board monitors amperage and voltage levels to save the motor from burnout during a jam, or while running out of the water. It has a built-in protection from reverse polarity wiring, as well as an auto shut-off feature when out of the water. These are some of the key features and functions:

- **FULL POWER MODE** — **press ON once** — This turns on the motor with 100% power. The GREEN indicator light around the switch will remain solid. There may be a brief delay before the motor runs, and you may see a temporary flashing blue light and/or hear a sound before the light turns green. The blue light flash before startup is a diagnostic light and does not indicate a problem. **SOLID GREEN LIGHT = FULL POWER MODE**
- **LOW POWER (BATTERY SAVER) MODE** — **press ON, OFF, ON** — This turns on the motor with 80% power. The green indicator light will flash. In this mode the motor runs slower, conserves power, and can extend your run time and battery life. **FLASHING GREEN LIGHT = LOW POWER MODE**
- **AUTO REVERSE MODE** — The motor can detect changes in resistance on the propeller. If the prop becomes jammed and cannot spin, the motor will quickly reverse itself three times to clear the jam. If it cannot clear the jam and spin freely, the switch will shut down the motor and you will see a red flashing light.
- **SAFETY (SHUT DOWN) MODE** — The motor has shut down because it cannot spin freely. The lights will flash RED. Turn off the switch, pull the vacuum out of the water, and remove the obstruction. Return to vacuuming by activating the switch in either full speed or low speed mode. **FLASHING RED LIGHT = SHUT DOWN MODE**
- **WIRING FAULT MODE** — The motor will not run and the lights will flash RED AND BLUE. This indicates that there is a short circuit in the wiring. Inspect the wiring and battery for faulty connections. A short in the blue floating power cord may be caused by a kink or twist. **FLASHING RED AND BLUE LIGHT = WIRING FAULT MODE**



1. In FULL POWER mode - PRESS ON - the lights around the switch will be solid green.  
In BATTERY SAVER mode - PRESS ON,OFF, ON - the lights will flash green.



2. In SAFETY (SHUT DOWN) MODE the lights will flash red to indicate a motor shut down. Turn the switch off and clear the propeller of any obstruction. Restart.



3. In WIRING FAULT MODE the switch will flash red and blue (older models may flash red only). This indicates that there is a wiring and/or connectivity problem. Check ALL connections.

The HH1062 Smart Switch can detect low battery power levels and will not allow the motor to run if the battery is undercharged or has run out of power. If the motor stops shortly after being powered up, and the switch does not display any lights at all, CHECK ALL WIRING CONNECTIONS and BATTERY charge level first. Your battery may not have enough power.



# HAMMER·HEAD®

## MOTOR TROUBLESHOOTING GUIDE - BASIC

<b>PROBLEM</b>	<b>CAUSE</b>	<b>DO THIS</b>
<p>MOTOR DOES NOT RUN AT ALL BUT BATTERY IS KNOWN TO BE GOOD, HAS A FULL CHARGE, AND IS BEING CHARGED DAILY AT A MINIMUM OF 6 AMPS</p>	<p>POWER NOT GETTING TO MOTOR DUE TO FAULTY SWITCH, BATTERY CONNECTIONS ARE BAD, OR THERE IS A BREAK IN THE WIRE</p>	<p>CHECK ALL CONNECTIONS FIRST!</p> <p>CHECK TO SEE IF 30AMP FUSE HOLDER IS PRESENT. CHECK THE FUSE.</p> <p>IF ALL CONNECTIONS ARE GOOD, THEN BY-PASS THE SWITCH AND WIRE THE HEAD DIRECTLY TO THE BATTERY - IF IT RUNS, THEN THE PROBLEM IS WITH THE SWITCH. IF IT DOES NOT RUN, THEN THERE IS A BREAK IN THE WIRE OR A MOTOR SHORT</p>
<b>PROBLEM</b>	<b>CAUSE</b>	<b>DO THIS</b>
<p>VACUUM RUNS STRONG BUT BATTERY DRAINS AFTER A FEW POOLS. THE NEXT DAY IT DOES THE SAME THING.</p>	<p>BATTERY PROBLEMS:</p> <ol style="list-style-type: none"> <li>1. BATTERY WATER IS LOW OR BATTERY IS OLD</li> <li>2. BATTERY CONNECTIONS ARE WEAK OR CORRODED</li> <li>3. UNDERCHARGING - BATTERY NOT GETTING FULL CHARGE OR IS NOT BEING CHARGED DAILY AT A MINIMUM 6AMP OUTPUT</li> </ol>	<p>CHECK ALL CONNECTIONS FIRST!</p> <p>CHARGE BATTERY AT A MINIMUM OF 6 AMPS EVERY DAY. NO TRICKLE CHARGING!</p> <p>HAVE YOUR BATTERY CHECKED</p> <p>CHECK THAT YOUR CHARGER IS CHARGING. A FULLY CHARGED 12 VOLT BATTERY WILL TEST AT MORE THAN 13 VOLTS.</p>
<b>PROBLEM</b>	<b>CAUSE</b>	<b>DO THIS</b>
<p>SLUGGISH OVERALL MOTOR PERFORMANCE</p> <p>VACUUM DOES NOT RUN AS STRONG AS WHEN IT WAS NEW</p> <p>VACUUM IS GETTING SLOWER AND WEAKER EVERY DAY</p> <p>MOTOR RUNS INTERMITTENTLY</p>	<p>EXCESSIVE DEBRIS UNDER PROP</p> <p>BAD WIRING CONNECTIONS</p> <p>BATTERY PROBLEM (SEE ABOVE)</p> <p>INTERNAL COMPONENTS ARE WORN OUT</p> <p>SHORT IN POWER CORD</p>	<p>REMOVE PROP AND CLEAN DEBRIS OFF SHAFT</p> <p>CHECK ALL ELECTRICAL CONNECTIONS FOR HEAT. IF THEY ARE HOT WHILE THE VACUUM IS RUNNING UNDERWATER, REPLACE OR RESET BATTERY CONNECTIONS</p> <p>LOOK FOR HEAT! HEAT INDICATES POWER LOSS, WHICH DRAINS POWER AND SHORTENS THE LIFE OF THE BATTERY</p> <p>CONTACT HAMMERHEAD FOR SERVICE OR REPLACE THE MOTOR/ CORD ASSEMBLY</p>

## **PLEASE READ THIS CAREFULLY**

### **HAMMER-HEAD USE AND LIABILITY**

HAMMER-HEAD® pool cleaning units are in use across the United States and in other parts of the world. Routine maintenance and care will ensure that your HAMMER-HEAD® will perform safely and effectively for years.

Do not use the HAMMER-HEAD® pool cleaning units for any purpose other than its intended purpose as described in the separate system guide.

HAMMER-HEAD® pool cleaning units are intended for adults. Do not allow children to use or operate any HAMMER-HEAD® product.

### **WARNING:**

**THE OPERATOR ASSUMES ALL RESPONSIBILITY AND/OR RISK ASSOCIATED WITH THE USE OF ANY HAMMER-HEAD® PRODUCT, INCLUDING BATTERY SELECTION, INSTALLATION, USE, AND MAINTENANCE.**

Wiring connections must be inspected daily. Wires that are hot to the touch indicate a connection problem and should be repaired. HAMMER-HEAD® units that are not working properly should be repaired immediately or disconnected from all power sources and removed from service.

The Hammerhead Patented Performance, Inc. limited warranty does not cover batteries or damage resulting from battery charging and use.

### **Battery and Charging:**

- **IMPROPER BATTERY USE OR FAILURE TO INSPECT AND MAINTAIN YOUR 12 VOLT BATTERY CAN RESULT IN SHORT CIRCUITS, DAMAGE DUE TO OVERHEATING, BATTERY FAILURE, AND POSSIBLE FIRE OR PERSONAL INJURY.**
- HAMMER-HEAD® Service and Resort type vacuum units do not come with a battery\*. You must supply your own. \*REMORA® cleaning units are supplied with a lithium battery and compatible charger.
- Marine batteries come in standard sizes: 24, 27, 29, 31. The battery box on the cart will hold marine battery sizes up to (group/size/series) 31.
- ONLY use 12volt, deep-cycle marine batteries in a Hammer-Head. Do not use car batteries. Use of any power source other than a 12volt deep cycle marine battery can void all warranty or liability claims.
- Marine GEL batteries are recommended for best performance.
- DAILY charging at 6 to 10 amps is required for a minimum of 8 hours to fully recharge your battery.

- DO NOT use a starting battery and avoid batteries advertised as having high “cranking amps”. These batteries will have a CCA number (cold cranking amps) or an MCA number (marine cranking amps). These batteries do not typically have a long lifespan.
- NEVER use a trickle charger or any charger that charges at a rate less than 6 amps during its charge cycle.
- AVOID chargers that have a high advertised charging amperage but only do so for a small part of the charge cycle.
- SMART chargers (chargers that will not overcharge your battery) are recommended as they will always charge at a safe and practical rate.
- Do not dispose of battery with household waste. Comply with local applicable disposal/recycling laws.
- Remove the battery before long periods of non-use. For best battery life, marine batteries should be recharged during off-season storage
- Battery Box: Do not place anything in the battery box that can bridge the terminals on the battery - this can cause direct short circuits and possible fire or even battery explosion.
- Storage: Never store or charge your HAMMER-HEAD® products near chemical containers, bottles, dry chlorine, chlorine tablets or combustible items. HAMMER-HEAD® products and related batteries and chargers may generate heat and start chemical fires if stored improperly. **Always keep chemical agents away from any electrical connections, chargers, heat, or flame source.**

### **Cord Care**

- Poor power cord maintenance drastically shortens the life of the motor assembly. Do not wind the cord up tightly. Store as instructed.
- Avoid kinking the power cord or sucking it up into the vacuum head.
- Avoid pinching the power cord in the mount assembly when mounting the unit on to your vehicle.
- After vacuuming, remove any twists in the cord by coiling the cord starting from the cart and ending at the vacuum head. The head can roll across the deck on its wheels, allowing you to take the twists out by spinning the vacuum head before you put it on to the car rest.

### **Propeller Removal & Maintenance**

- Sharpen the propeller to improve its efficiency and keep debris from snagging.
- Remove the prop each week and clean debris off the prop shaft.

### **Motor Safety & Care**

- Do not run the motor out of the water longer than three (3) minutes.
- Do not attempt to remove or replace the bag or reach into the vacuum head while the motor is running or if the switch is in the ON position.
- To avoid jamming or breaking the propeller, remove up toys, rocks, sticks, or tree seeds from the pool before using the HAMMER-HEAD® products.
- If the motor stops abruptly while cleaning, turn the unit off as quickly as you can to avoid damaging the unit.



## **WARRANTY ON NOCO PRODUCTS**

PLEASE NOTE: Warranty on all NOCO chargers and accessory products must be submitted to NOCO directly and not to Hammer-Head patented Performance, Inc. To find out more about the NOCO warranty policy visit <https://no.co/support/how-do-you-submit-a-warranty-claim>

### **California Proposition 65: (applicable to California residents only)**

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

## **LIMITED WARRANTY ON HAMMER-HEAD PRODUCTS**

**This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.**

**This limited warranty can also be found online at [https://www.hammerheadvac.com/s/HH\\_warranty\\_2021.pdf](https://www.hammerheadvac.com/s/HH_warranty_2021.pdf) and in the documentation provided with the product.**

**Hammer-Head Patented Performance, Inc. warrant that during the warranty period, the product will be free from defects in materials and workmanship which cause the product to fail to operate in accordance with the performance specifications set forth in documentation published for or provided with the product. Hammer-Head Patented Performance, Inc. limits the duration of remedies of all implied warranties, including without limitation the warranties of merchantability and fitness for a particular purpose to the duration of this express limited warranty.**

**Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.**

**Hammer-Head Patented Performance, Inc.'s responsibility for defective goods is limited to repair or replacement as described below in this warranty statement.**

### **Who may use this warranty?**

This limited warranty extends only to the consumer who originally purchased the product. It does not extend to any subsequent owner or other transferee of the product.

### **What does this warranty cover?**

This warranty covers defects in materials and workmanship on complete units, motors, switches, mount assemblies, machined parts, and cart frames. It does not cover wear and tear from normal use nor does it cover paint finishes or wearable parts. Wearable parts include debris bags, bearings, tires, wheels, power cords, propellers, mount clamp latches and all associated hardware. Hammer-Head units must only be used on electric current as indicated. Damage, defects, malfunctions, or other failures of the Hammer-Head arising from use on electrical currents other than recommended are excluded from this warranty.

This limited warranty does not cover any damage to HAMMER-HEAD® units or the parts thereof caused by: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventative maintenance; (e) unauthorized modifications; (f) unauthorized repair; or (g) external causes such as accidents, abuse, or other actions or events beyond Hammer-Head's reasonable control. This limited warranty also does not cover batteries used in the units or damage resulting from battery charging and use.

### **What is the period of coverage?**

HAMMER-HEAD® pool cleaning units are manufactured and inspected to ensure quality and performance. Hammer-Head Patented Performance, Inc. offers either a limited 6-month or 12-month warranty on select serialized products. Serialized products include complete Service and Resort cleaning units, REMORA® cleaning units, motor/cord assemblies, complete vacuum heads, and cart assemblies excluding the HH1070 cart frame. The warranty period is not extended if Hammer-Head Patented Performance, Inc. repairs or replaces the product. Warranty coverage is not transferrable.

Your HAMMER-HEAD® serial number (where applicable) must be registered with Hammerhead Patented Performance, Inc. to validate any warranty claim. The serial number located on any motor/cord assembly, complete cleaning unit, or complete vacuum head assembly is a record of the manufacturing date. If you do not register immediately after purchase, Hammerhead Patented Performance, Inc. will offer a limited 6-month warranty from the date of manufacture. If you do register immediately after purchase, Hammer-Head will offer a limited 12-month warranty from the date of your registration according to the requirements as stated on the warranty registration tag. This warranty covers manufacturing defects on complete units, motors, switches, mount assemblies, and cart frames. It does not cover wear and tear from normal use nor does it cover paint finishes or wearable parts. Wearable parts include debris bags, bearings, tires, wheels, cords, and propellers mount clamp latches and all associated hardware. HAMMER-HEAD® units must only be used on electric current as indicated. Damage, defects, malfunctions, or other failures of the HAMMER-HEAD® arising from use on electrical currents other than recommended are excluded from this warranty. It may be necessary to confirm the proper use of the product to verify any warranty claim.

Damage to HAMMER-HEAD® units or the parts thereof caused by negligent use or abuse while in the possession of the consumer are excluded from this warranty. If the consumer or anyone other than an authorized representative does repair or modifications to the HAMMER-HEAD® product, Hammer-Head Patented Performance, Inc. can, at its discretion, void all warranty claims based on inspection.

### **What are your remedies under this warranty?**

Hammer-Head Patented Performance, Inc., in its sole discretion, will either repair or replace the product or the defective part free of charge. Once warranty registration is confirmed, and if your product is within the warranty period, Hammer-Head Patented Performance, Inc. will also pay for shipping and handling fees to return the repaired or replacement product to you. All warranty claims must be submitted for inspection.

The decision to replace or repair any product or component can only be made at the sole discretion of Hammer-Head Patented Performance, Inc., and cannot be made by anyone other than an official representative of Hammer-Head. Dealers, re-sellers, and distributors may not honor, extend, or make warranty replacements or repairs without the authorization of a Hammer-Head representative. All warranty returns require authorization from Hammer-Head. Hammer-Head Patented Performance, Inc. assumes no responsibility for any warranties or representations beyond the expressed terms in this limited warranty. Any modification to the original design and construction of any Hammer-Head product voids all warranties. In the event of a warranty dispute, proof of non-modification may be requested. This limited warranty is valid and enforceable only in the United States of America on Hammer-Head products owned and operated normally within the United States of America.

### **How do you obtain warranty service?**

1. To obtain warranty service, contact Hammer-Head Patented Performance, Inc. by calling 866-887-7983 or emailing Hammer-Head Patented Performance, Inc. at [info@hammerheadvac.com](mailto:info@hammerheadvac.com) during the Warranty Period. Hammer-Head representatives will guide you through the warranty process.

Address: Hammer-Head Patented Performance, Inc.  
1250 Wallace Dr, Unit D  
Delray Beach, FL 33444

2. Receive a Return Merchandise Authorization (“RMA”) number and form. No warranty service will be provided without RMA approval.

3. Return the Product to the address instructed with a copy of the RMA form.

Within 30 days after notice of a defect, malfunction, or failure to conform with the warranty, Hammer-Head Patented Performance, Inc. will inform the customer of its decision to deny or accept the request to obtain warranty service.

FOR MORE INFORMATION, PLEASE VISIT:

<https://www.hammerheadvac.com/learn>

### **Limitation of Liability**

The remedies described above are your sole and exclusive remedies and Hammer-Head Patented Performance, Inc.’s entire liability for any breach of this limited warranty. Hammer-Head Patented Performance, Inc.’s liability shall under no circumstances exceed the actual amount paid by the customer for the defective product, nor shall Hammer-Head Patented Performance, Inc. under any circumstances be liable for any consequential, incidental, special or punitive damages or losses, whether direct or indirect.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.