

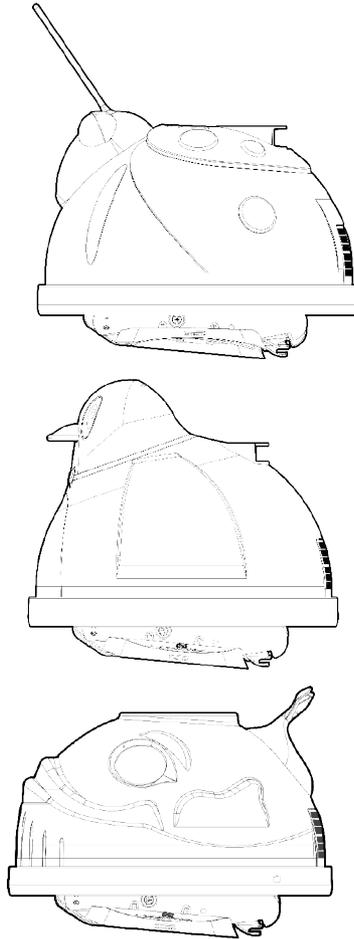


# ABOVE GROUND SERIES

## Suction Pool Cleaner

### Owner's Manual

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# TURBINE SUCTION CLEANER

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## Owner's Manual

Congratulations on the purchase of your Hayward automatic suction pool cleaning system. Your cleaner is the smart, efficient way to clean your above-ground pool.

Hayward turbine cleaners are powered by your pool's filter system and are designed to work well with most systems. The performance of the cleaner in your pool will be relative to its power source. Because the operation and performance of the cleaner are system reliant, there is a remote possibility that a service call may be necessary to complete the proper installation of your cleaner. This call will be at the consumer's expense.

Lastly, one or more of the accessories designed for the cleaner, including additional hose sections, might be applicable to your installation. Consult your Hayward dealer for prices and availability.

### FOR YOUR RECORDS

Purchase Date:

Serial Number:

# SAFETY WARNINGS

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**DO NOT** use to remove large debris in new pools.

**REMOVE** cleaner and hose before adding ANY chemicals to your pool.

**DO NOT** swim with cleaner.

Store the cleaner in a shaded, safe area.

Hoses must be stored straight. **DO NOT** coil the hose.

**KEEP AWAY** from children and pets.

**REMOVE** cleaner when performing backwash.

**REMEMBER** safety first.

For complete warnings and safety information visit [www.hayward.com](http://www.hayward.com).

## KEY



Tip



Attention



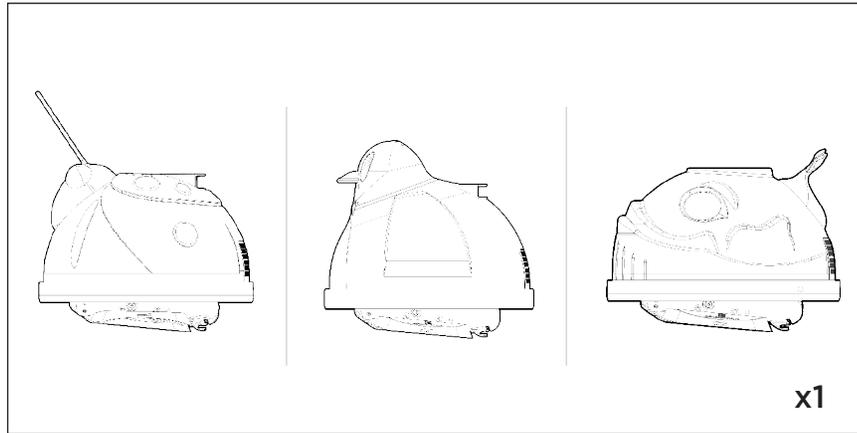
Pressure Adjustment



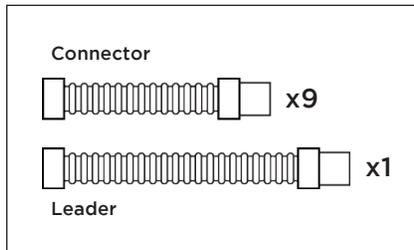
Pump



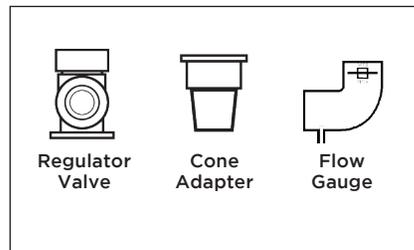
# CARTON CONTENTS



**Pool Cleaner**



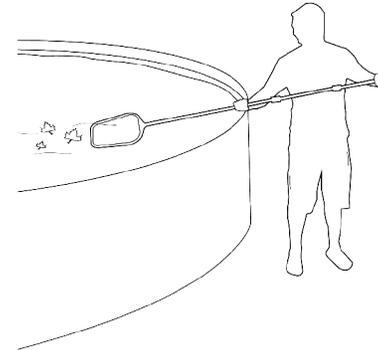
**Connector/Leader Hoses**



**Accessory Kit**

# PREPARING THE POOL

Please complete the following steps to prepare your pool for installation:



### DEBRIS

Remove any large objects and excessive debris from the pool.

### WATER LEVEL

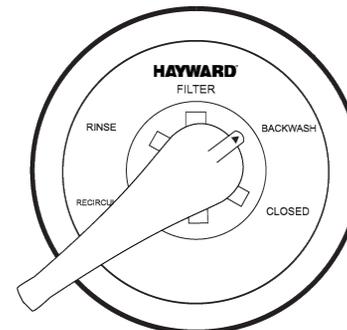
Confirm that water level is at the recommended level.



**!**  
pH: 7.2 - 7.8  
Chlorine: 1.0-3.0 PPM  
Total Alkalinity: 80 - 120 PPM

### WATER CHEMISTRY

Make sure water is properly balanced and that the pool is free from algae.



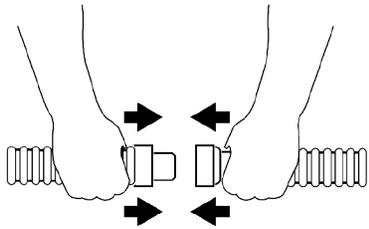
### FILTER

Clean or backwash the filter.

Clean the skimmer and pump baskets prior to installing the cleaner.

# INSTALLATION

## Sizing Suction Hose



### Step 1

Connect hose sections.

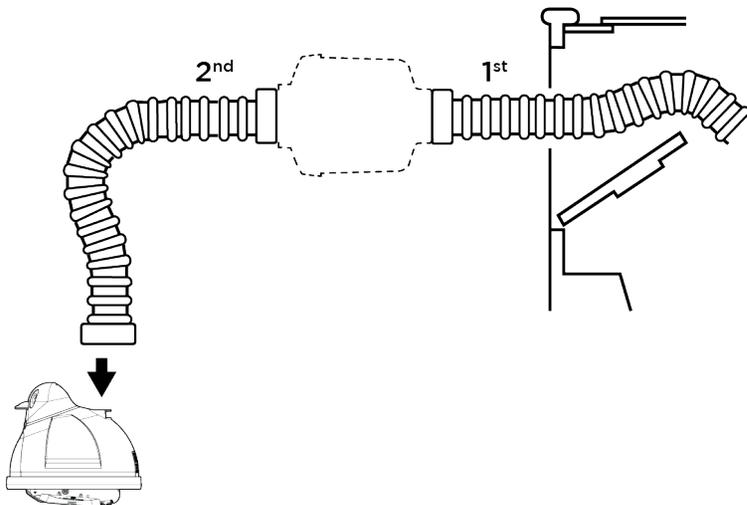
Note: Make sure all connections are tight to prevent air leaks.



**TIP:** Wetting the hose ends will make it easier to connect the hose sections.

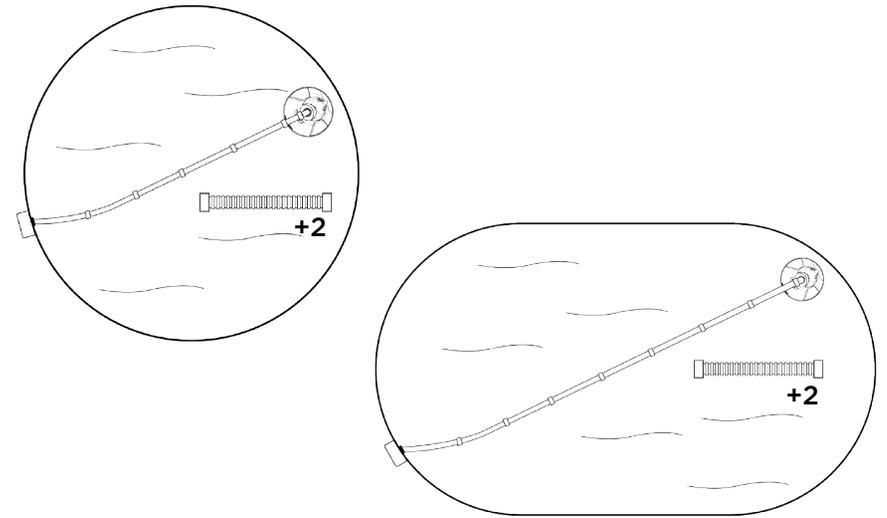


If optional leaf canister is purchased, install between 1st and 2nd hose sections starting from the wall connector or skimmer.



### Step 2

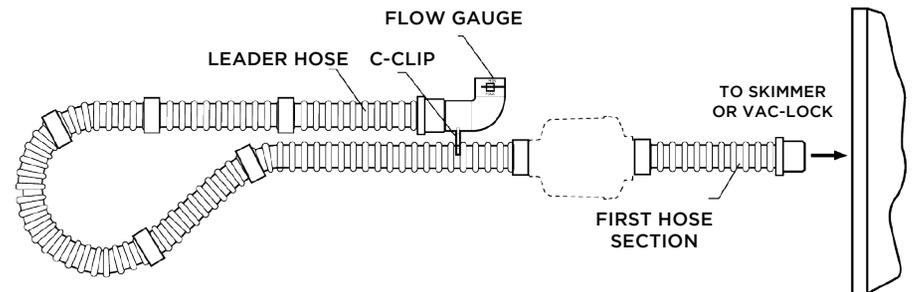
Pull hose to farthest location in the pool opposite the wall connector or skimmer + 2 extra hose sections.



### Step 3



Fill hose completely with water.  
Insert flow gauge onto the leader hose. Attach the C-clip of the gauge onto the 1st hose section.



Make sure the flow gauge is under water.

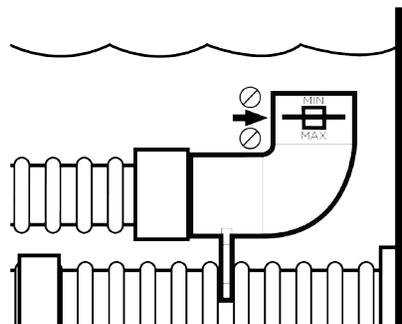
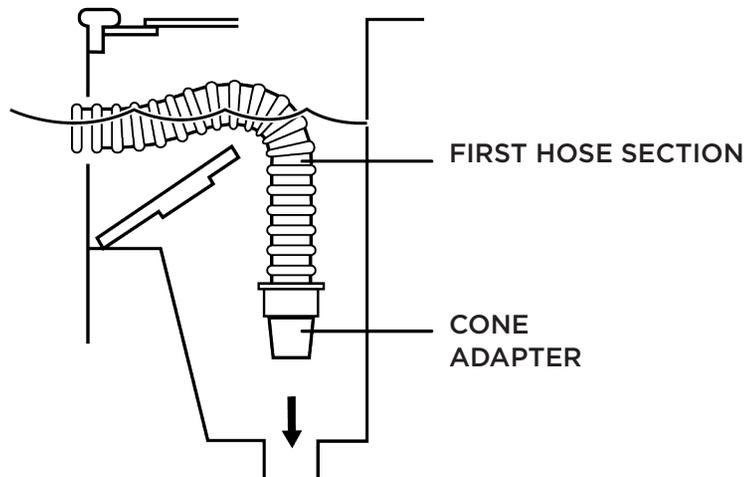
# INSTALLATION

## Step 4

### Connecting to skimmer:

Connect the skimmer cone adapter to tapered male end of the first hose section.

Note: Hose end goes into cone adapter.

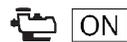


## Step 5

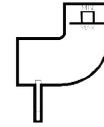
Check the water flow reading on the flow gauge.

The black disk should be between the "MIN" and "MAX" markings.

If the disk is in the proper location, move on to step 6.



## Reading Too High?



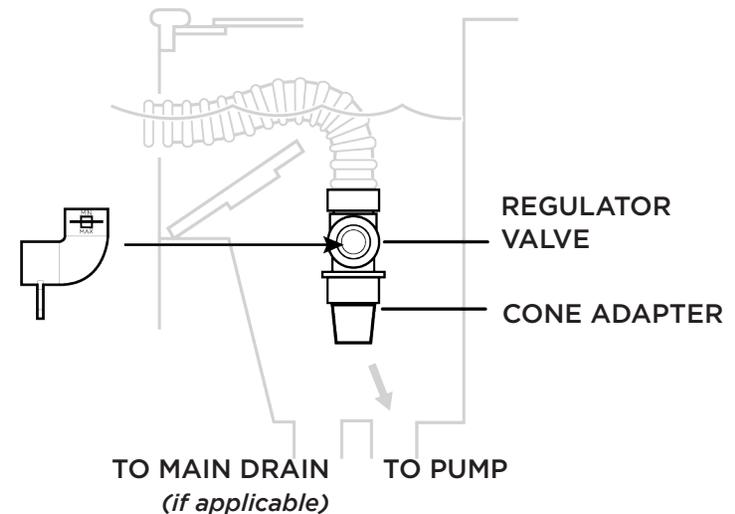
⚠ If the black disk is outside of the box on the "MAX" side and you have connected your hose to the skimmer, reduce the vacuum/ water flow by using one of the following:

- Suction valve(s) in the filter system (if equipped with)
- Hayward regulator valve

### To install the Hayward regulator valve:

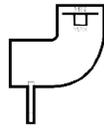


1. Remove the hose from the skimmer cone adapter.
2. Close the regulator valve by rotating the blue collar clockwise until tight.
3. Insert the regulator valve onto the skimmer cone adapter and the hose end into the regulator valve.
4. Turn the filter system on and allow it to evacuate any air in the system.
5. Turn the blue collar clockwise until black disk appears between "MIN" and "MAX" markings.



# INSTALLATION

## Reading Too Low?



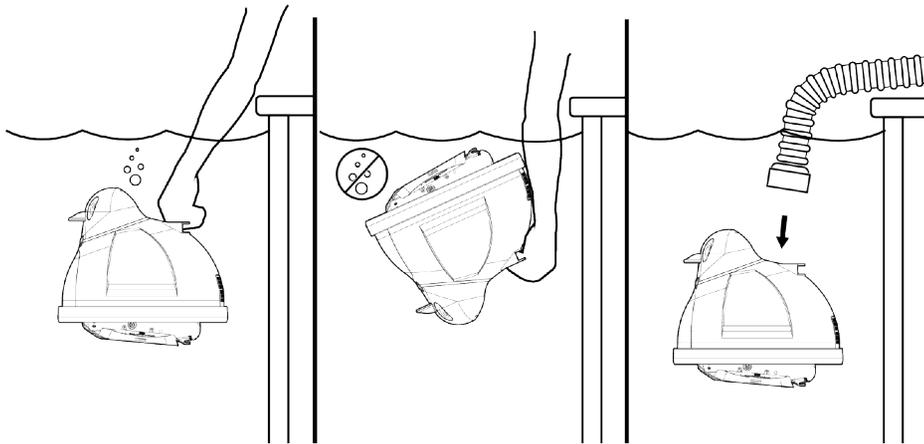
**!** An initial vacuum reading that is TOO low to meet the water flow setting necessary to operate the cleaner is indicative of a system problem, and not a problem with the cleaner.

**The regulator valve cannot be used to INCREASE the initial vacuum reading.**

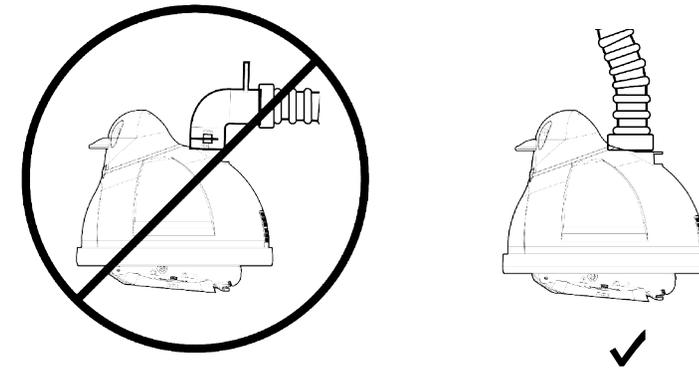
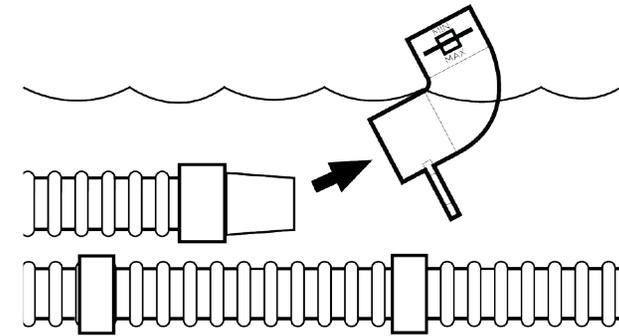
View our YouTube video at  
[www.youtube.com/watch?v=aqyrv\\_9nJZI](http://www.youtube.com/watch?v=aqyrv_9nJZI)  
or contact your authorized Hayward Dealer for assistance.

## Step 6

Submerge the cleaner into the water to remove all air.

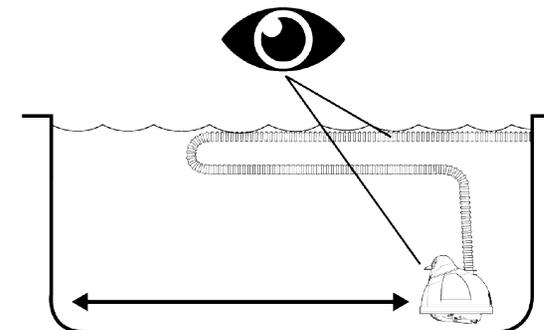


## Step 7



## Step 8

Turn pump on and observe cleaner.



# IMPORTANT TIPS

 Periodically check the water flow/vacuum to be sure that your cleaner is operating as efficiently as possible.

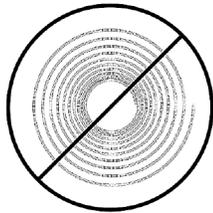
**Remember, too much vacuum is just as bad as too little.**

 Periodically check to make sure that the cleaner hose is securely attached to its suction source (i.e. skimmer, wall connector, etc.).

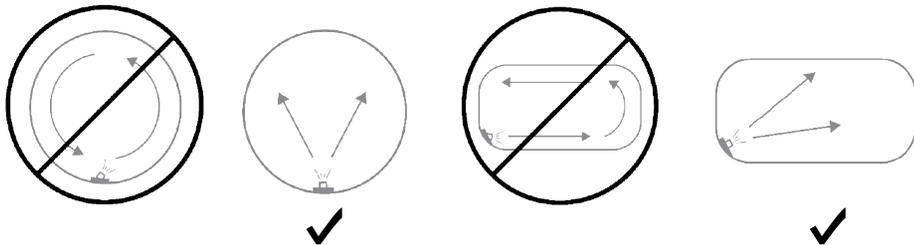
 Disconnect the cleaner hose from the skimmer/regulator valve prior to “backwashing”, so to not restrict water flow.

 **DO NOT COIL HOSE**  
When storing your cleaner, the hose sections must be stored straight. A coiled hose will create a memory in the hose that will impede the cleaner’s ability to move properly.

 **Coiled hoses are not covered under the Hayward warranty.**

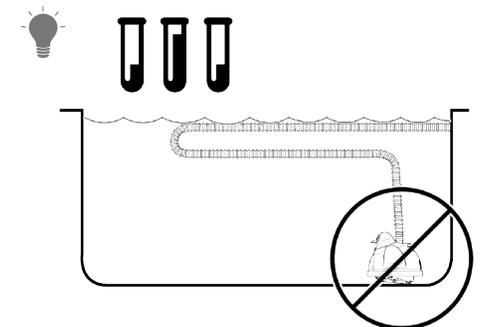
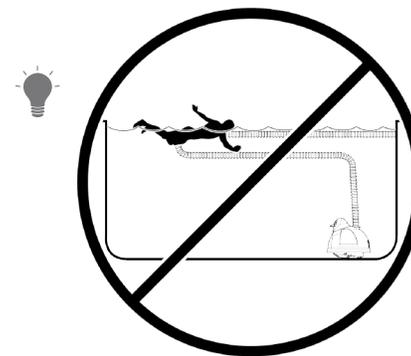
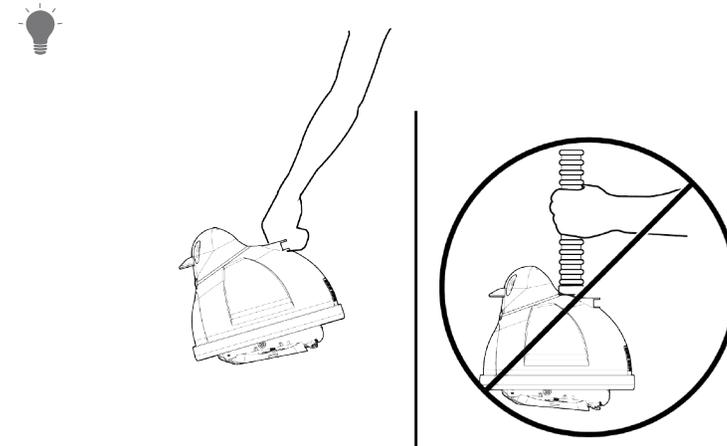


 **Adjust the water return toward the center of the pool so water circulation does not interfere with the cleaner’s pool coverage capability.**



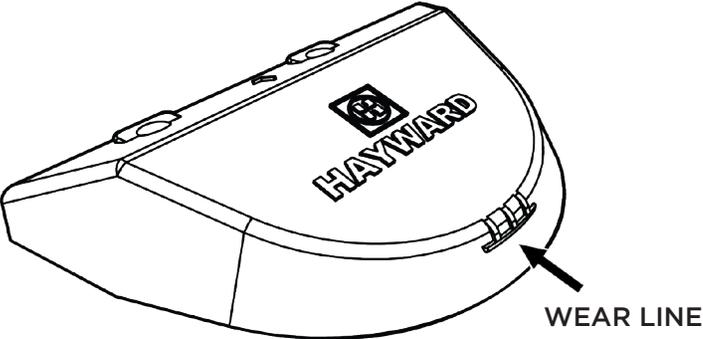
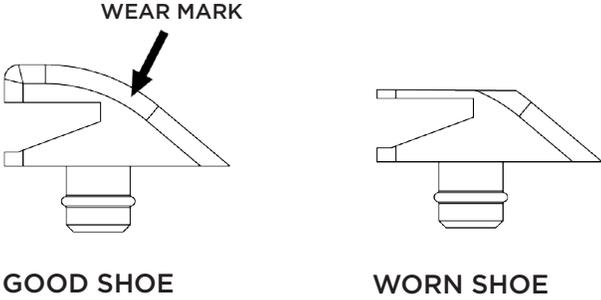
 **Use only original Hayward spare parts and hoses to ensure proper operation.**

 When the cleaner is out of the pool, always disconnect the leader hose from the cleaner.



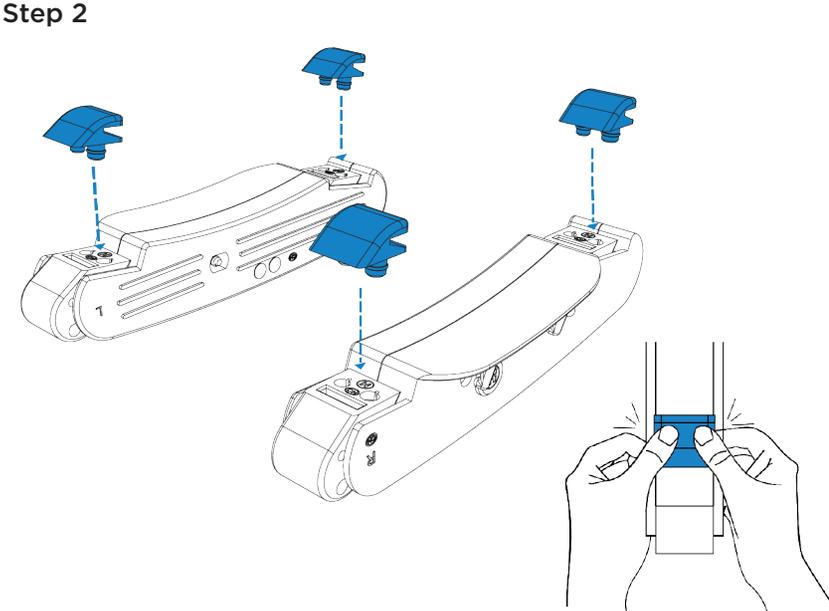
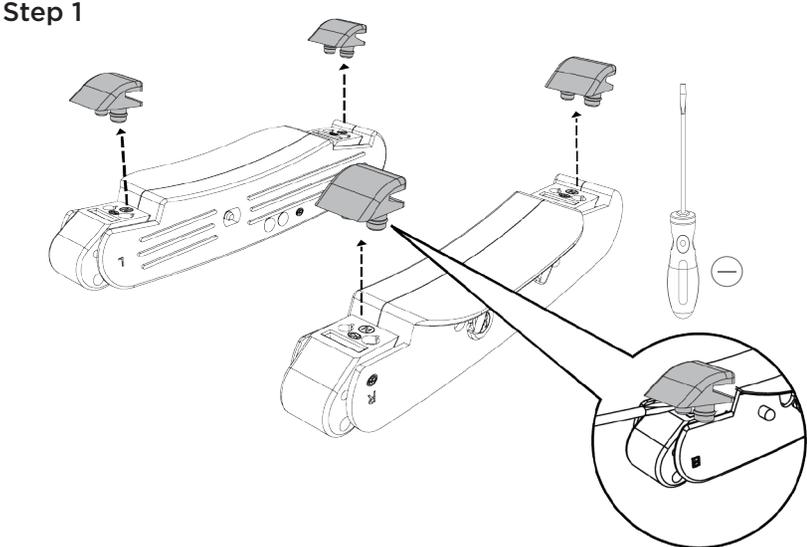
# MAINTENANCE TIPS

Check the condition of the “shoes, wings, and flaps” periodically.



 Hayward is not responsible for damage caused by misuse of the cleaner or damage caused by worn or broken parts.

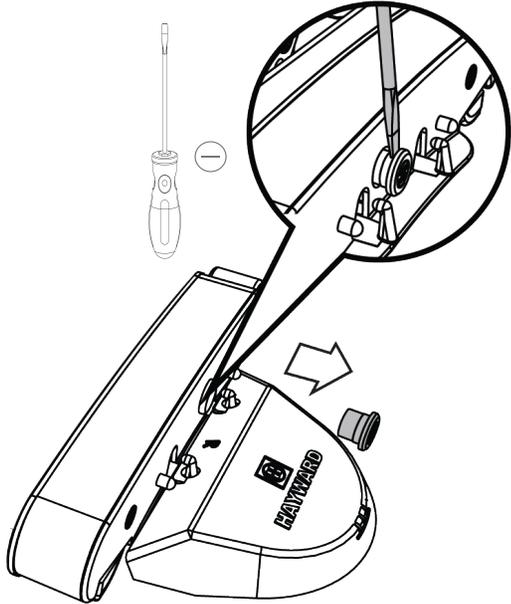
# Shoe Replacement:



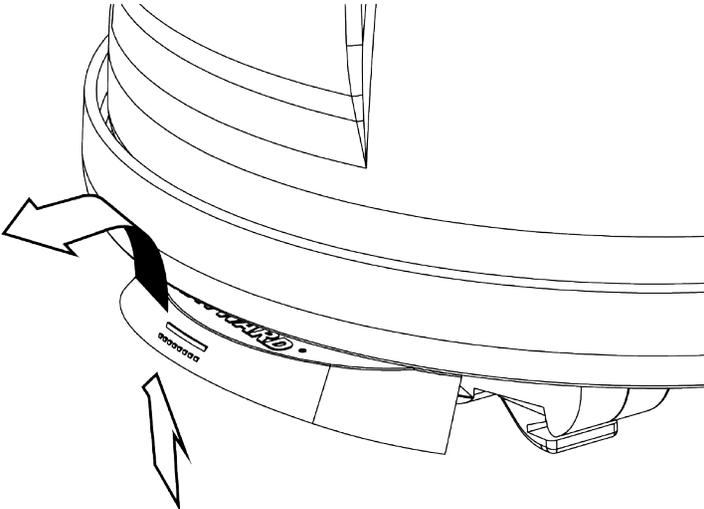
# MAINTENANCE TIPS

## Wing Replacement:

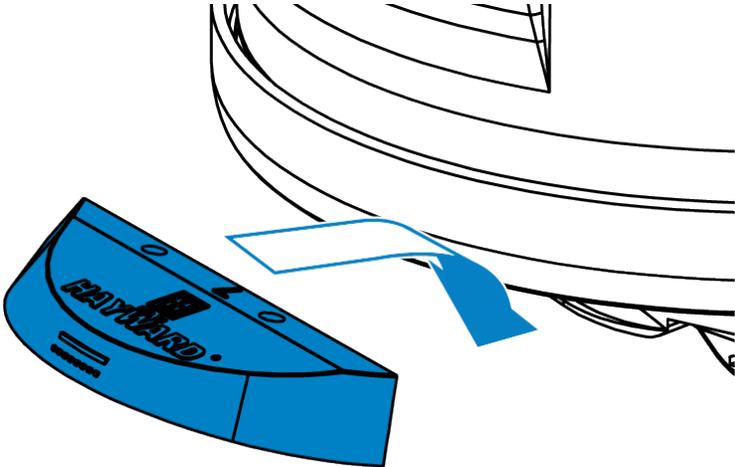
Step 1



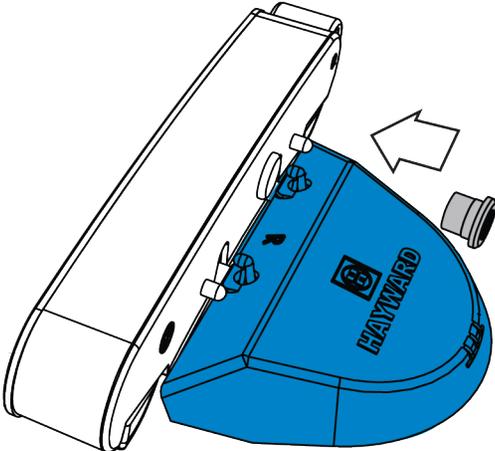
Step 2



Step 3



Step 4



# TROUBLESHOOTING

FOR TECHNICAL ASSISTANCE, CALL: 908.355.7995

PROBLEM	CAUSES	SOLUTION
Slow/no forward movement	Lack of/improper water flow through cleaner	Check water flow with flow gauge and adjust as per Step 5.
	Blockage of the cleaner throat	Clear blockage
	Worn shoes	Replace shoes
	Worn wings	Replace wings
	Improper cleaner model for application	See your pool dealer or servicer.
Cleaner head "floats"	Air trapped in the head	Remove all air from cleaner head. Stop all air from entering the pool through the return lines. If cleaner head and hose are covered with fine bubbles, give the hose a good tug. This will release the air bubbles and allow the cleaner head to settle to the bottom of the pool until the hose is covered with bubbles again.
	The cleaner head is actually being pulled or lifted off the bottom of the pool by the, or return line flow –either at the surface or at the bottom of the pool –or both.	Readjust return outlets to prevent water flow interfering with cleaner head and/or hose.

PROBLEM	CAUSES	SOLUTION	
Cleaner sticks at ladder, corners, etc.	Improper water flow	Check water flow with flow gauge and adjust as per Step 5.	
	Worn shoes	Replace shoes	
	Worn wings	Replace wings	
	Hose too short	Install additional hose sections per installation instructions.	
	Steering failure		<ol style="list-style-type: none"> <li>1. Check and clean rear screen, if necessary</li> <li>2. Check to see that cone gear is free of debris and rotates smoothly in both directions</li> <li>3. Check steering program and troubleshoot –then:               <ol style="list-style-type: none"> <li>a. clean, repair or replace gearbox</li> <li>b. check pod/A-frame connection and REPLACE IF NECESSARY. DO NOT ATTEMPT TO RETIGHTEN LOOSE PODS.</li> <li>c. check medium turbine and spindle gear assemblies</li> </ol> </li> </ol>

# WARRANTY

A limited warranty program protects your HAYWARD ABOVE GROUND SERIES cleaner. To take full advantage of the limited warranty, please read, complete and return registration card within 10 days of the purchase date. Your warranty card is packed in the owner's guide and accessory pack.

## HAYWARD POOL PRODUCTS LIMITED WARRANTY

To original purchasers of this equipment, Hayward Pool Products warrants these cleaners to be free from defects in materials and workmanship for a period of TWO (2) years from the date of purchase, when used in single family residential applications.

The limited warranty excludes damage from freezing, negligence, improper installation, improper use or care or any Acts of God. Parts that fail from a defect or become defective during the warranty period shall be repaired or replaced, at our option, within 90 days of the receipt of defective product, barring unforeseen delays, without charge.

Proof of purchase is required for warranty service. In the event proof of purchase is not available, the manufacturing date of the product will be the sole determination of the purchase date.

To obtain warranty service, please contact the place of purchase or the nearest Hayward Authorized Service Center. For assistance on your nearest Hayward Authorized Service Center, please visit us at [www.hayward.com](http://www.hayward.com).

Hayward shall not be responsible for cartage, removal, repair or installation labor or any other such costs incurred in obtaining warranty replacements or repair.

The Hayward Pool Products warranty does not apply to components manufactured by others. For such products, the warranty established by the respective manufacturer will apply.

The express limited warranty above constitutes the entire warranty of Hayward Pool Products with respect to its pool products and is in lieu of all other warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose. In no event shall Hayward Pool Products be responsible for any consequential, special or incidental damages of any nature.

Some states do not allow a limitation on how long an implied warranty lasts, or the exclusion of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

# REGISTRATION CARD

DETACH HERE: Fill out bottom portion completely and mail within 10 days of purchase/installation or register online.

## WARRANTY REGISTRATION CARD

Register online at [www.hayward.com](http://www.hayward.com)

Please Print Clearly:

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Country \_\_\_\_\_

Phone Number \_\_\_\_\_

Purchase Date \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Serial Number \_\_\_\_\_

Model Number \_\_\_\_\_

Pool Capacity \_\_\_\_\_ (U.S. Gallons)

Please include me on all e-mail communications regarding Hayward® Equipment or promotions.

Mail to:

Hayward Pool Products  
620 Division Street  
Elizabeth, NJ 07201 USA

Attn: Warranty Dept

or REGISTER YOUR WARRANTY  
ON-LINE AT [WWW.HAYWARD.COM](http://WWW.HAYWARD.COM)

Years Pool has been in service

< 1 yr  2-3  4-5  6-10  11-15  >15

Purchased from:

Builder  Retailer  Pool Service

Internet/Catalog

Company Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Country \_\_\_\_\_

Phone \_\_\_\_\_

Type of Pool:

Concrete/Gunite  Vinyl  Fiberglass

Other \_\_\_\_\_

New Installation  Replacement

Installation for:

In Ground  Above Ground  Spa





Hayward Pool Products  
620 Division Street, Elizabeth, NJ 07201 USA  
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