



Inground Suction Pool Cleaner



Installation and User's Guide

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

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IMPORTANT SAFETY PRECAUTIONS



Important Notice:


Attention Installer: This guide contains important information about the installation, operation and safe use of this product. This information should be given to the owner and/or operator of this equipment after installation of the pool cleaner.

Attention User: This manual contains important information that will help you in operating and maintaining this pool cleaner. Please retain it for future reference. Consult Pentair Water Pool and Spa with any questions regarding this equipment.



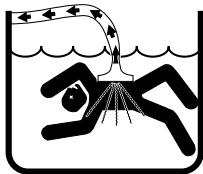
WARNING — Before installing this product, read and follow all warning notices and instructions which are included. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage. Call (800) 831-7133 for additional free copies of these instructions.

Consumer Information and Safety

The Kreepy Krauly® Kruiser™ pool cleaners are designed and manufactured to provide many years of safe and reliable service when installed, operated and maintained according to the information in this manual. Throughout the manual, safety warnings and cautions are identified by the “” symbol. Be sure to read and comply with all of the warnings and cautions.



WARNING — **Hazardous suction can cause injury and/or drowning.**



- Do not play with cleaner or hose or apply to body.
- To reduce the risk of injury, do not let children use or play with pool cleaner.
- Do not allow swimmers in the pool while pool cleaner is operating. Hose can trip or entangle swimmers which could result in drowning.
- Always disconnect the power to the pump before servicing or attempting to clean the unit. Failure to do so could result in injury and/or drowning.



WARNING — **Suction Entrapment can cause injury and/or drowning.**



- If your pool has a dedicated suction port, (vacuum port), for vacuuming or for an automatic pool cleaner, it must be covered when not in use. If your dedicated suction port does not have a spring loaded cover, (vacuum lock), purchase one from your local pool store and install it before attaching pool cleaner to dedicated suction port.



WARNING — **Stop pump** before attempting to clean unit. Do not allow swimmers in pool while pool cleaner is operating.



CAUTION — The cleaner was not designed to do initial cleanup for a new pool installation.

DISCLAIMER OF LIABILITY

Important Notice About Your Pool and Kreepy Krauly® Kruiser™:

There are a multitude of factors that contribute to the life of your pool. The Kreepy Krauly® Kruiser™ automatic pool cleaner is a very passive product that will have no impact on pool life.

Please be aware that over time, deterioration, discoloration and brittleness of any pool finish can be caused separately by, or in combination with, age, an imbalance in pool water chemistry, improper installation and other factors. An automatic pool cleaner, such as Kreepy Krauly® Kruiser™, will not remove or cause wear on “good” pool plaster. In fact, the opposite is true—pool plaster will eventually cause wear on the cleaner.

The same situation holds true for vinyl-lined inground swimming pools, because vinyl liners are also affected by the environment and factors such as pool water chemistry, sunlight and the pool’s surroundings.

Therefore over time, vinyl can become brittle and weak. In addition, vinyl-lined pools are affected by the workmanship, composition and installation of the liner and the workmanship and quality of construction of the supporting walls and pool base. These are all factors which can contribute to liner failure. The existence of any of these type of conditions in your pool is not caused by the use or operation of Kreepy Krauly® Kruiser™.

Pre-installation Check List

Before installing your cleaner, review and understand all warnings and safety information in this guide. Failure to follow these instructions or improper installation of the cleaner can result in damage to the pool finish or the vinyl liner, Pentair Water Pool and Spa, Inc. disclaims any liability for repairs or replacement to any of these structures or components of the customer’s pool.

Before installing the cleaner in a vinyl liner pool:

Before installing the pool cleaner, examine the interior of your pool carefully. Check liner closely for signs of deterioration or damage from age, chemicals, pool wall damage, etc. If any damage is found, have a qualified pool professional make all the necessary repairs. Also, if your vinyl liner is brittle or has stones, wrinkles, roots or metal corrosion in contact with the underside of the liner, or has damage to the base or supporting walls, do not install the pool cleaner before having a qualified professional perform the necessary repairs.

Before installing the cleaner in a gunite pool or a pool that is partially or completely tiled:

Before installing the pool cleaner in a gunite pool or pool that is partially or completely tiled; check closely for loose tiles and loose light fittings. Do not install the pool cleaner before having a qualified professional perform the necessary repairs.

Before installing the cleaner, clean your filter system:

Make sure you have cleaned the filter, including backwashing, rinsing, and emptying all baskets. A clean system is necessary for proper cleaner operation and coverage.

Before installing the cleaner, fill the hose with water:

Always make sure the cleaner head is submerged and the hose is full of water before connecting the hose to the filtration system (whether through a skimmer or dedicated wall fitting). Air in the system can damage the pump through dry running and overheating.

Before installing the cleaner, understand cleaner coverage:

The cleaner is designed to rid your pool of debris in approximately 4-6 hours. Less time could be needed, depending on the pool size. The cleaner was not designed to automatically clean steps or swimouts or to work under a solar cover. It was also not designed to do initial cleanup for a new pool or when opening your pool for the season.

AFTER installing the cleaner, make sure the cleaner is operating correctly:

The cleaner may need some minor adjustments to make sure it is operating properly so there is no damage to the pool finish. Certain vinyl liner patterns are particularly susceptible to surface wear, pattern removal, ink rubbing off of, or serious scratches to the pattern caused by objects coming into contact with the vinyl surface, including automatic pool cleaners. Pentair Water Pool and Spa, Inc. is not responsible for any pattern removal, abrasions or markings on vinyl liners.



Section 1

Introduction

The Kreepy Krauly® Kruiser™ Overview

Put your pool cleaning on “Kruise” control

Kreepy Krauly® Kruiser™ features many design elements shared by the most popular suction-side cleaner in history, the Kreepy Krauly®. Then we added performance features to make Kreepy Krauly® Kruiser™ relentless in its pursuit of dirt and debris, while keeping it affordable and sensationally dependable.

Kreepy Krauly® Kruiser™ features a new, patented silent flapper design. This sole operational moving part creates the kinetic energy that powers Kreepy Krauly® Kruiser™ around your pool. Elegantly simple and highly reliable, this dependable design has been proven in more than 2 million pools worldwide.

Supremely simple and relentless in the pursuit of dirt and debris

Kreepy Krauly® Kruiser™ is the ultimate in carefree operation. It comes fully assembled. Just add the seal and connect the hoses. No tools required and you're on Kruise control in minutes. It even comes with a free flow gauge and adjustable speed control to ensure optimum performance.



Kreepy Krauly® Kruiser™

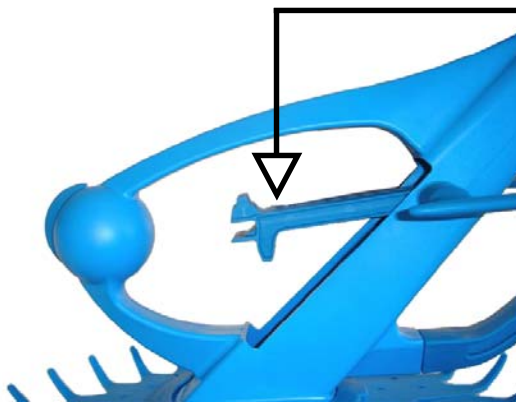
General Features

- Superior vacuum power and extra-wide mouth capture large and small debris with ease.
- Silent flapper design provides quiet cleaning performance.
- Patented seal design includes specially engineered scurved “fingers” to navigate over and around pool obstacles for total coverage and uninterrupted performance.
- Built-in bumper assures free movement around steps and ladders for total cleaning coverage and uninterrupted, hands-free operation.
- Connects to your skimmer or vacuum line fitting in minutes without tools.

Additional Features:

Also consider these other hands-free and reliability features:

- No bags or compartments to empty or replace...dirt and debris go right to your filtration equipment...where they belong.
- No wheels or gears to jam or diaphragms to replace.
- No expensive booster pump to buy and operate...it uses your pool’s existing filtration system.
- Only one operational moving part...only 8 parts in total.
- All parts are UV stable and chemical resistant for years of dependable service.
- Sleek, compact design increases maneuverability for best cleaning performance.



Flapper—the only moving part in Kreepy Krauly® Cruiser’s™ simple and dependable propulsion system.

Section 2

Pool Preparation

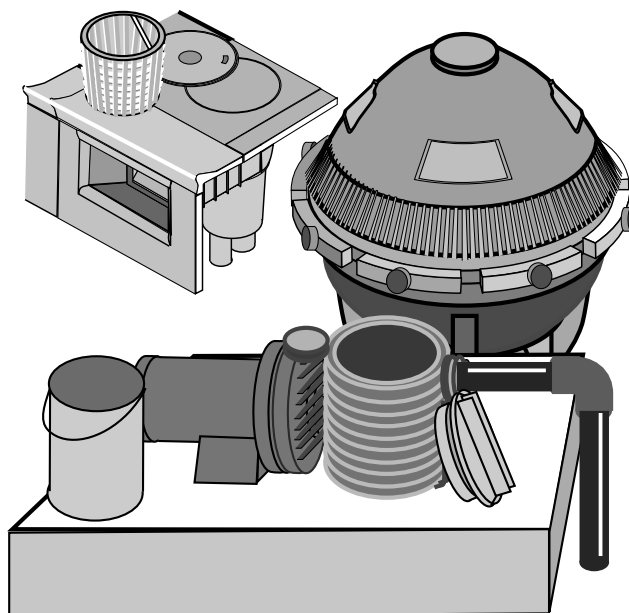
The following general information describes how to set-up your Kreepy Krauly® Kruiser™ pool cleaner. Carefully read the following so that you are fully aware of all the capabilities and features this cleaner has to offer.

NOTE: Before setting up this product, read and follow all warning notices and instructions starting on page ii.

POOL PREPARATION

Before assembling and installing your Kreepy Krauly® Kruiser™ pool cleaner, your pool should be clean and algae-free so as not to inhibit the cleaner's traction. If necessary, make the following preparations before proceeding:

1. Hand vacuum your pool and ensure that all debris is removed.
2. Chemically balance and stabilize the pool water.
3. Clean your filter system.
4. Empty the Skimmer Basket.
5. Empty the Pump Strainer Basket.



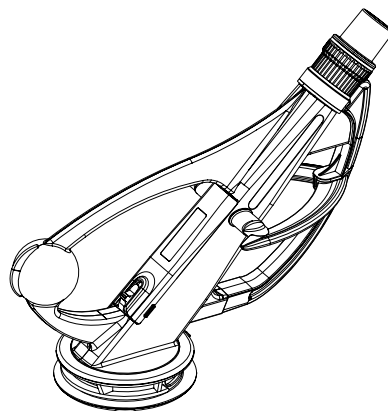
Section 3

Assembly

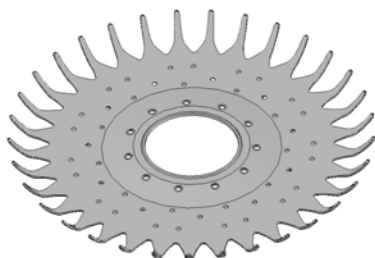
Remove Kreepy Krauly® Kruiser™ and all of its parts from the box and check to make sure that all components were included.

Your Kreepy Krauly® Kruiser™ pool cleaner includes the following components:

1. Cleaner body – (1)
2. Vacuum Seal – (1)
3. Regulator Valve – *Adjustable* (1)
4. Regulator Cap – (1)
5. Flow Gauge – (1)
6. Threaded Compression Adapter – (1)
7. Hose Sections – 1m (12)
8. Hose Weights – (2)
9. Eyeball Diverters – (2)
10. 45 Degree Elbow – (1)
11. Hose Protector Sleeve – (1)
12. Safety Vac-Lock Fitting – (1)



1.



2.



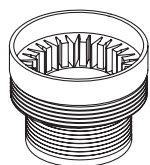
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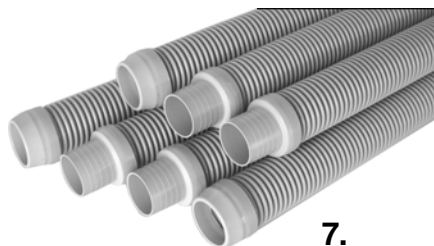
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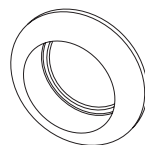
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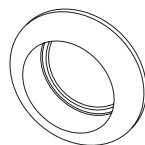
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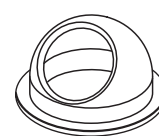
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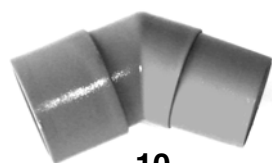
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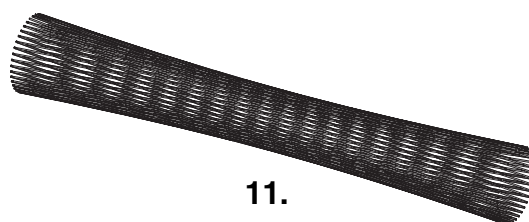
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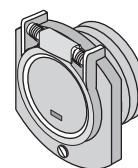
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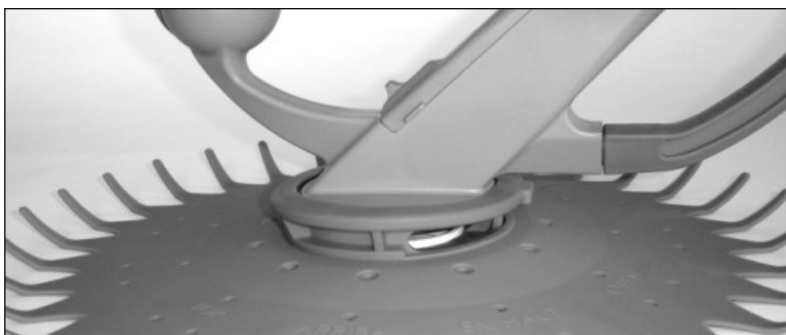
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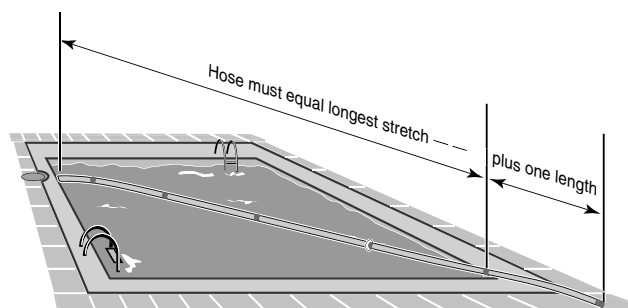
VACUUM SEAL INSTALLATION

1. Pull the Vacuum Seal over the Cleaner's Foot Pad so that it will fit properly into the Foot Pad's groove as shown in the illustration.
2. Ensure that the curved tips face upwards.
3. Ensure with your hand that the Vacuum Seal rotates freely once it is in its groove.



HOSE ASSEMBLY

The Kreepy Krauly® Kruiser™ hose comes in sections which must be assembled. Connect together as many hose sections as needed to reach from the vacuum source to the farthest point of the pool, plus one section. Once assembled, attach the female hose end onto the swivel of your Kreepy Krauly® Kruiser™.

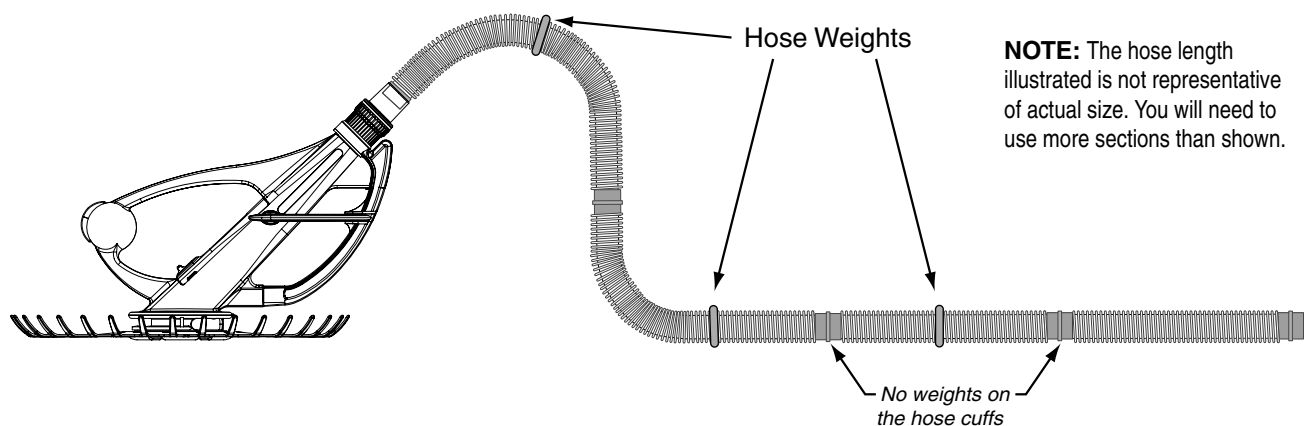


ATTACHING HOSE WEIGHTS

1. To improve cleaner's pool coverage you may need to attach hose weights to the hose to neutralize the hose's buoyancy in the water. The number of hose weights required is determined by the maximum depth of your pool. The deeper your pool, the more weight is needed. The number of hose weights appropriate for your pool is explained in Table 1.
2. **Fine tuning:** The water density in each pool may vary due to mineral and salt content. To fine tune the balance of your hose, try moving the 1st hose weight closer towards the 2nd hose weight to improve cleaner's pool coverage.

Pool Depth	Weight Placement
More than 6 feet, but less than 9 feet	1 weight: one 12 to 20 inches from the swivel head.
More than 9 feet, but less than 12 feet	2 weights: one 12 to 20 inches, one 6 feet from the swivel head.
More than 12 feet	3 weights:* one 12 to 20 inches, one 6 feet and one 10 feet from the swivel head.
* Contact your Pentair Water Pool and Spa® dealer if you need to purchase additional hose weights.	

Table 1.



Section 4

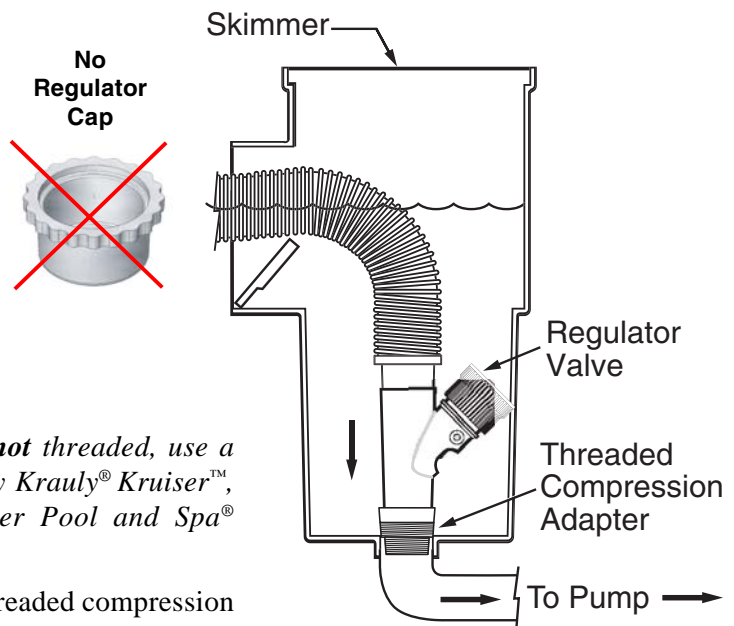
Installation

STANDARD INSTALLATION

For pools with one skimmer, using the adjustable Regulator Valve.

The advantage of this installation is that the adjustable regulator valve balances the water flow between the skimmer and Kreepy Krauly® Kruiser™. We strongly recommend the use of the adjustable regulator valve for maximum safety and performance. The valve can be adjusted to changes in the amount of water flow to provide Kreepy Krauly® Kruiser™ with the power necessary to ensure proper cleaning performance.

1. Turn the pool pump off.
2. Close the main drain (bottom drain) and all suction lines, except the line from the skimmer to which the Kreepy Krauly® Kruiser™ will be connected, as shown below.
3. Remove skimmer basket.
4. Screw the threaded compression adapter into the vacuum connection in the bottom of the skimmer.



NOTE: Use two wraps of Teflon® tape around threads to ensure easy removal.

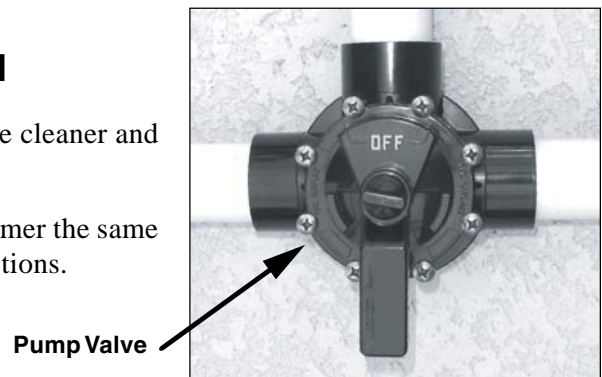
*(If the opening in the bottom of the skimmer is **not** threaded, use a 2" hose cone. It is not included with your Kreepy Krauly® Kruiser™, but can be purchased from your Pentair Water Pool and Spa® dealer.)*

5. Press the adjustable regulator valve into the threaded compression adapter.
6. Place the Kreepy Krauly® Kruiser™ into the pool and allow it to sink to the floor. Continue to feed the hose vertically down into the pool until it is completely filled with water and purged of air.
7. Slide the hose protector sleeve into position on the furthest hose from the cleaner that will be connected to the regulator valve in the skimmer to prevent the hose body from rubbing against the skimmer wall.
8. Insert the end of the hose through the skimmer opening and connect the hose directly into the adjustable regulator valve.

NOTE: The Regulator Cap is not used in this installation.

POOL WITH TWO SKIMMERS CONNECTION

1. If your pool has two skimmers, select one skimmer for the cleaner and close off the other skimmer with the pump valve.
2. Connect the end of submerged hose into the selected skimmer the same way as shown above in the "Standard Installation" instructions.



OPTIONAL VACUUM LINE INSTALLATION

Vacuum Line Installation With Adjustable Regulator Valve in Skimmer.

We recommend the use of the adjustable regulator valve to balance water flow between Kreepy Krauly® Kruiser™ and the skimmer. When attaching Kreepy Krauly® Kruiser™ to a dedicated vacuum line, the adjustable regulator valve should be installed in the skimmer.

Important: Ensure that your Dedicated Suction Port is fitted with a Safety Vac-Lock Fitting. If not, install the one that is provided with your cleaner.

1. Turn the pool pump off.
2. Close the main drain and all suction lines, except the skimmer and the vacuum line to which the Kreepy Krauly® Kruiser™ will be connected.
3. Thread the vac-lock wall fitting into the end of the dedicated suction line.

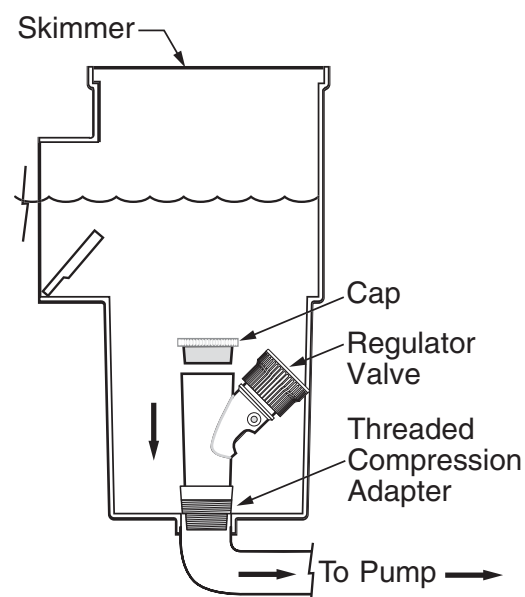
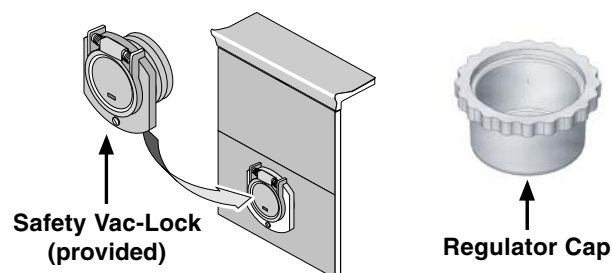
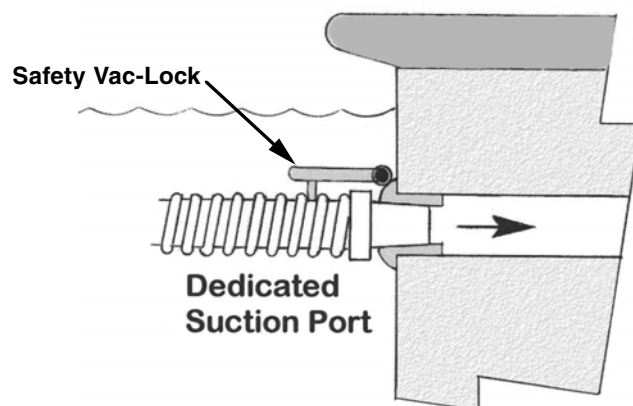
NOTE: Use two wraps of Teflon® tape around the threads to ensure easy removal.

4. Place the Kreepy Krauly® Kruiser™ (with the hose and hose weights) into the pool and allow it to sink to the floor. Continue to feed the hose vertically down into the pool until it is completely filled with water and purged of air.
5. Insert the hose end of the last hose section into the vac-lock wall fitting.
6. Screw the threaded compression adapter into the vacuum connection in the bottom of the skimmer.

NOTE: Use two wraps of Teflon® tape around the threads to ensure easy removal.

*(If the opening in the bottom of the skimmer is **not** threaded, use a 2" hose cone, the 2" hose cone is not provided but can be purchased from your Pentair Water Pool and Spa® dealer.)*

7. To prevent water from flowing through the top of the adjustable regulator valve, fasten the regulator cap onto the top of the adjustable regulator valve. This activates the adjustable regulator valve and assures that an accurate amount of water will flow through the vacuum line and the Kreepy Krauly® Kruiser™. Without the regulator valve cap, the adjustable regulator valve and the cleaner will **not** function properly.
8. Press the adjustable regulator valve into the threaded compression adapter.
9. If your pool does not have a Dedicated Suction Port; go to "Standard Installation" instructions on [page 6](#).



Section 5

Adjustments

After completing the installation, **turn the pool pump on**. Allow the pump to run for a couple of minutes to ensure all air cycles out of the system. Kreepy Krauly® Kruiser™ should be moving about the pool. Check each of the following initial adjustments to the Kreepy Krauly® Kruiser™ at this time.

ADJUSTING THE FLOW

1. Turn the pool pump off. Remove the Cleaner and connect the Flow Gauge to the end of the hose, make sure you keep the hose submerged to prevent any air to enter into it. Then turn the pump on.
2. With the pump running, turn the Adjustment Knob of the Regulator Valve “Faster” or “Slower” until the disc indicator in the Flow Gauge settles between “Maximum” and “Minimum” flow.

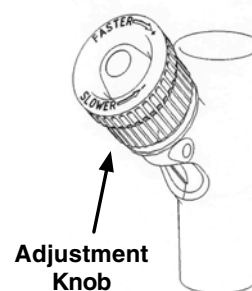
NOTE: If you have very strong pump and the flow is still over the “Maximum” you may need to open the main drain only slightly.

3. Turn the pool pump off. Remove the Flow Gauge and connect the Cleaner to the end of the hose, make sure you keep the hose submerged to prevent any air to enter into it. Allow the cleaner to drop to the pool floor. Then turn the pump on.

NOTE: Optimizing the water flow does not mean maximizing the flow through the Cleaner. In fact, to insure a random pattern of travel that will enable the Cleaner to reach all areas of your pool, it is better to use less suction, not more.



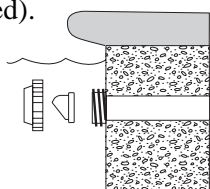
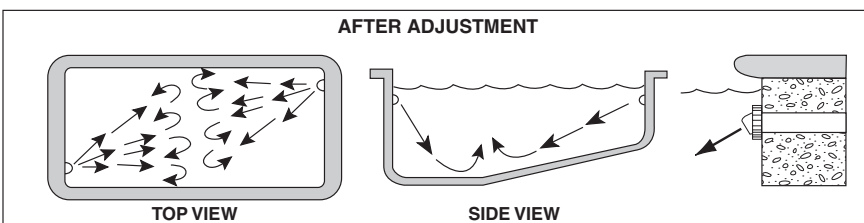
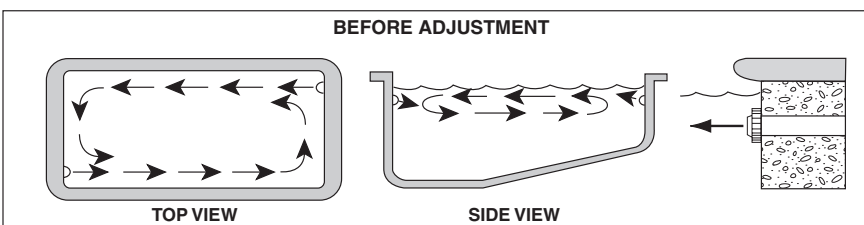
Flow Gauge



RETURN LINE ADJUSTMENTS

Important; the cleaner must move randomly throughout the pool. Water circulating at the surface will influence the hose thus limiting the Cleaner’s coverage.

1. Adjust the Return Line Flow as described in the diagrams.
2. To adjust the Eyeball Diverters; loosen the lock ring and redirect the Eyeball Diverters slightly downwards and also try different directions to see what works best in your pool. Allow time for the body of water to settle into the new pattern.
3. If it is difficult to adjust your existing Eyeball Diverters, replace the eyeball component with the new Eyeball Diverters (included).



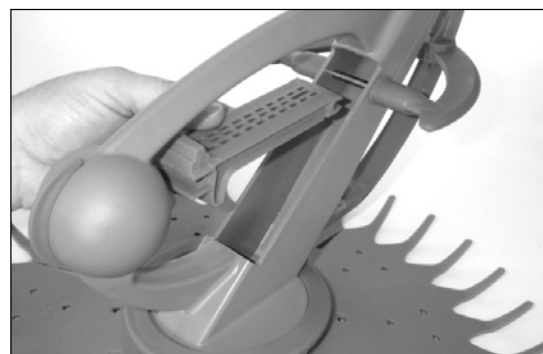
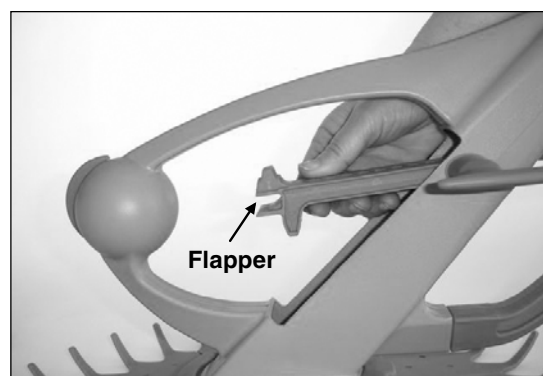
Section 6

Maintenance

Your Kreepy Krauly® Kruiser™ cleaner requires very little maintenance.

Check the following from time to time.

1. It is quick and easy to open up the Flapper's chamber. Simply turn off the pump, push the sliding lock up into the open position and remove the lid. With your finger, lift and inspect the Flapper and the chamber to insure that it is not obstructed by debris, as shown.
2. Also insure that the Flapper is moving freely up and down and that it is securely clipped into place. Then place the lid back and slide the lock down to close.
3. To remove a damaged or worn Flapper; (no tools are required). Simply grab the Flapper, pull and wiggle outward until it un-clips from it's pin. To install the new Flapper, push it in firmly (TOP side up as marked) onto the pin until it snaps into place. If the Flapper is clipped in the wrong way (TOP side down) you will not be able to close the lid.
4. Check the Vacuum Seal for wear. If it becomes thin and too floppy, it will impair the correct random movement of the Cleaner and should be replaced.
5. Inspect the Foot Pad for wear, when the traction pads on the bottom have worn down, it is time to replace them.
6. Inspect the Regulator Valve and flush away any debris build up.
7. Clean your filter system.
8. Empty the Skimmer Basket.
9. Empty the Pump Strainer Basket.
10. Use your Flow Gauge to insure correct water flow for your Cleaner.
11. For best results and to maintain proper operation, use only original hoses.

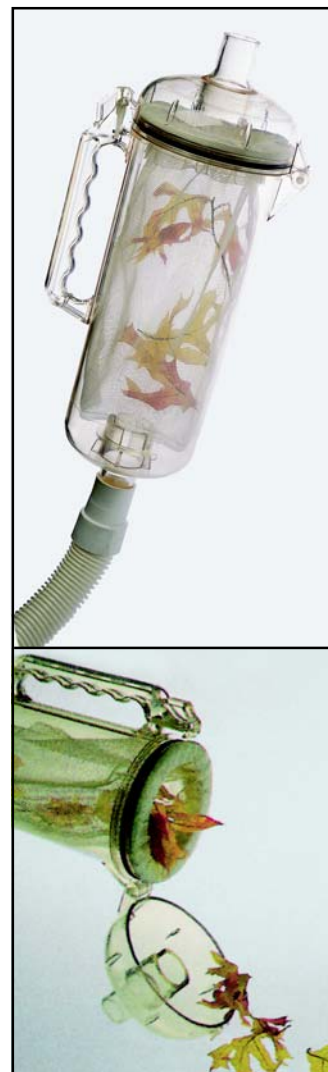


Note: Remove the Cleaner from the pool before any chemical shock treatment!!

12. When not in the pool, keep the Cleaner's Vacuum Seal flat to avoid warping.
13. Your Cleaner can stay in the pool at all times, however, when using the pool, disconnect the Cleaner and hose and pull it to one side of the pool.
14. When storing or winterizing the Cleaner, **do not coil the hose**. Lay the hose flat in an area protected from direct sunlight. It is also important to remove the Vacuum Seal from the Cleaner and store it flat.

IN-LINE LEAF CANISTERS

If your pool is exposed to large quantities of leaves, we suggest purchasing and installing an in-line leaf canister, (P/N R211084 or R211086). A leaf canister will provide more debris-loading capacity and also provides a water by-pass when the canister is full. It is very important that the pump will not starve for water!



Section 7

Troubleshooting

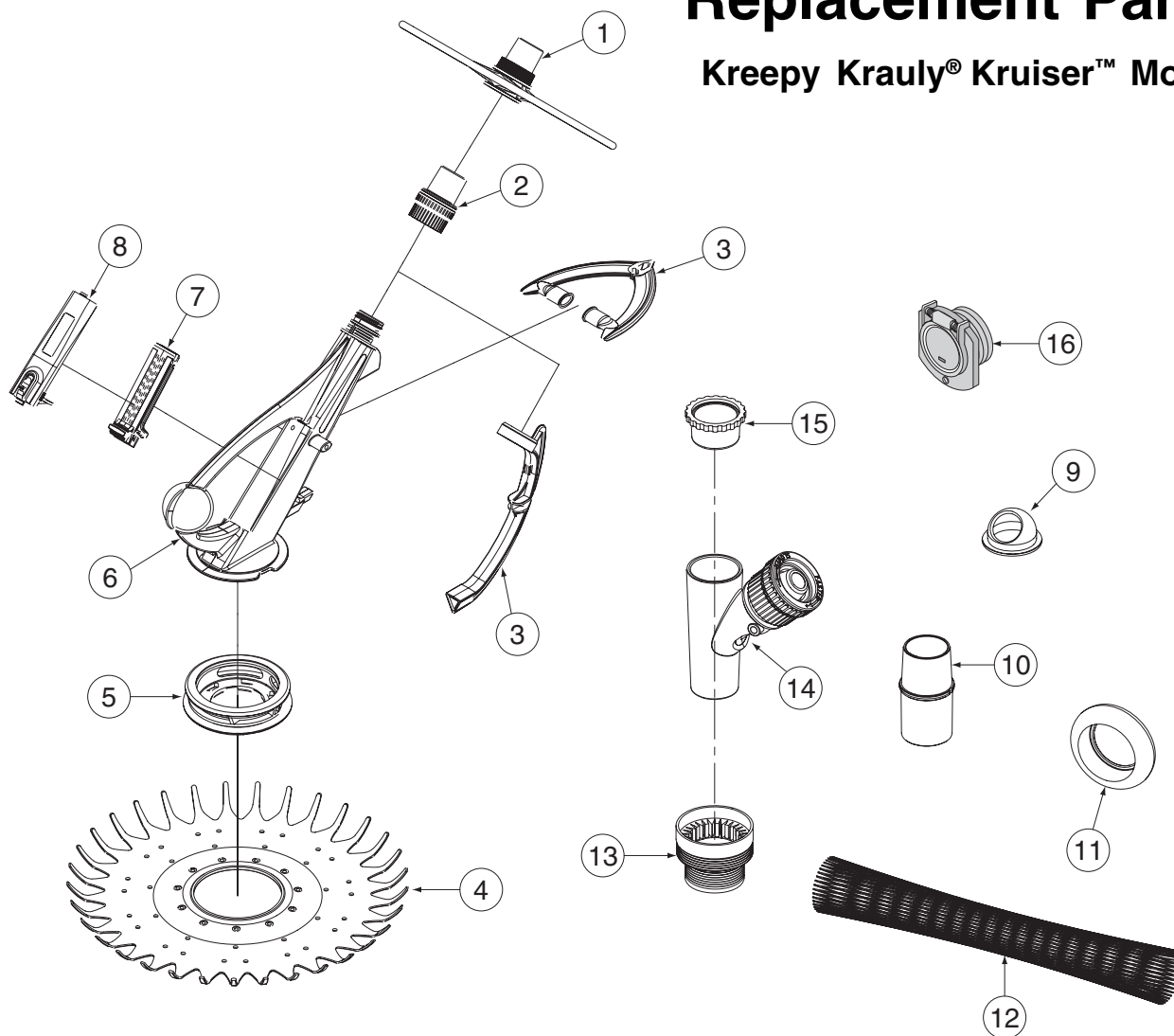
Use the following troubleshooting information to resolve possible problems with your Kreepy Krauly® Kruiser™ pool cleaner.

Problem	Corrective Action
Cleaner is sluggish or has stopped operating.	<p>Check Cleaner for blockage inside the Flapper chamber. Refer to Maintenance on page 9.</p> <p>Clean your filter system, empty pump basket and empty skimmer basket. Refer to page 4.</p> <p>Inspect the Regulator Valve and flush away any debris buildup.</p> <p>Check the hose for blockage.</p> <p>Check the hose for leaks by lifting each section above water and listen for the leak.</p> <p>Using your Flow Gauge, verify proper water flow to your Cleaner. Refer to page 8.</p>
Cleaner gets stuck on the steps.	<p>Adjust the Eyeball Diverter of the return flow towards the problem area to guide the Cleaner away from the steps.</p> <p>Verify proper hose length and correct position of the Hose Weights. Refer to page 6.</p> <p>Purchase the optional 12" or 16" Deflector Wheel.</p> <p>Using your Flow Gauge, Increase or decrease the flow to your cleaner within the maximum/minimum range.</p>
Cleaner travels in repetitive pattern.	<p>Adjust Eyeball Diverters as described on page 5.</p> <p>Verify proper hose length and correct position of the Hose Weights. Refer to page 6.</p> <p>Place one Hose Weight 2" to 4" from the Cleaner head.</p> <p>Check the Kreepy Kruiser's hose to ensure it has not become bent or kinked. It only takes one bent or kinked hose section to hinder the cleaning coverage. One way to check for kinks in the hose is to lay each section flat on your pool's deck, (or other flat surface). The hose should be perfectly straight and flat. Do Not coil the hose when taking your cleaner out of the pool because it will retain the coil shape, forming a bend or kink.</p>
Cleaner does not transit onto the wall.	<p>Using your Flow Gauge, verify proper water flow to your Cleaner. Refer to page 8.</p> <p>Increase the water flow slightly.</p> <p>Verify proper hose length and correct position of the Hose Weights. Refer to page 6.</p>
Cleaner stays in one side of the pool.	<p>Adjust Eyeball Diverters as described on page 5.</p> <p>Verify proper hose length and correct position of the Hose Weights. Refer to page 6.</p> <p>Remove or add one hose section.</p>

Section 8

Replacement Parts

Kreepy Krauly® Kruiser™ Model



ITEM NO.	P/N's	DESCRIPTION
1	K12458	Kruiser Deflector Wheel
2	K12414	Kruiser Swivel Kit
3	K12417	Kruiser Bumper Kit (Horizontal & Vertical)
4	K12413	Kruiser 18" Vacuum Seal Kit
5	K12416	Kruiser Foot Pad Kit
6	K12411	Kruiser Main Housing Assembly Kit
7	K12415	Kruiser Silent Flapper Kit
8	K12412	Kruiser Lid & Lock Kit

ITEM NO.	P/N's	DESCRIPTION
9	41201-0236	Eyeball Diverter
10	41200-0212	Flow Gauge
11	K12454	Hose Weight
12	K60465	Hose Protector
13	K12079	Threaded Compression Adapter
14	41200-0200	Regulator Valve (Adjustable)
15	41200-0211	Regulator Cap
16	K12500	Safety Vac-Lock Fitting

NOT SHOWN

K01210 Hose Kit (12 M/F Sections)

SAVE THESE INSTRUCTIONS.

