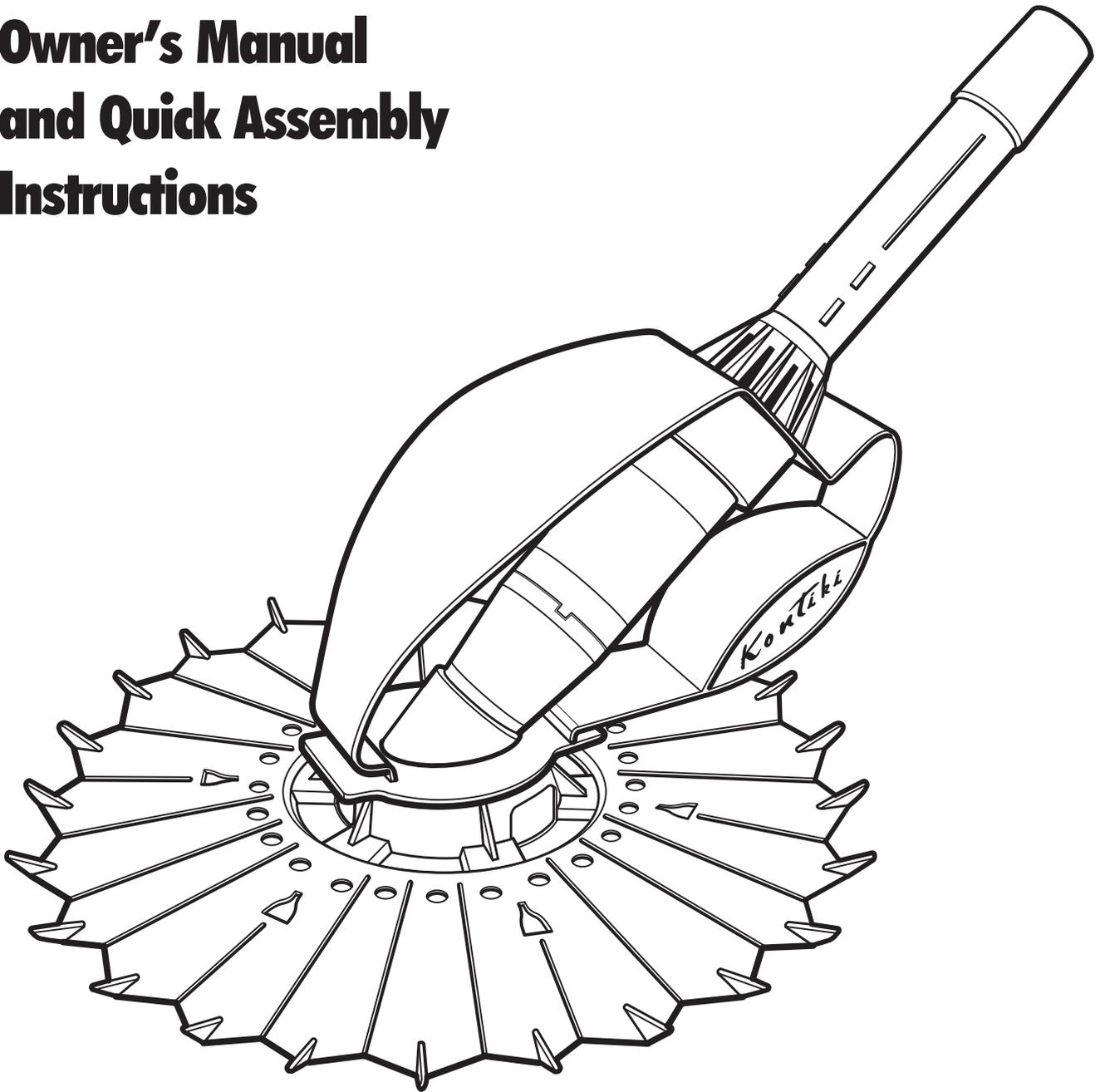


# Kontiki™

## Owner's Manual and Quick Assembly Instructions



*Kontiki*

**AUTOMATIC ABOVEGROUND POOL CLEANER**

**THANK YOU FOR PURCHASING THE KONTIKI™.**  
**YOUR KONTIKI HAS BEEN DESIGNED AND MANUFACTURED TO BE EASILY  
INSTALLED AND TO PROVIDE YEARS OF LOW MAINTENANCE OPERATION.**

**PRIOR TO INSTALLING YOUR NEW KONTIKI, PLEASE DO THE FOLLOWING:**

- 1) Complete and return the warranty card.
- 2) Record your purchase information on the spaces provided below.
- 3) Attach your invoice (or a copy) to this page.

These actions will insure prompt warranty service, should it be required. Simply present your owner's manual, along with the invoice at any of our authorized warranty centers nationwide.

**RECORD YOUR KONTIKI POOL CLEANER DATA HERE:**

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

Purchased From \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Serial Number: \_\_\_\_\_ (serial number located on underside of machine head)

**KONTIKI LIMITED WARRANTY**

KONTIKI POOL CLEANER IS WARRANTED AGAINST ALL MANUFACTURING DEFECTS AND ALL WEAR AND TEAR FOR ONE (1) YEAR. ALL WARRANTIES ARE EFFECTIVE FROM THE DATE OF PURCHASE.

Should this product prove defective in workmanship, materials or wear during the applicable warranty period, the consumer's sole and exclusive remedy shall be such repair or replacement of the product as provided below.

**THIS LIMITED WARRANTY EXCLUDES THE FOLLOWING:**

1. Discoloration of the KONTIKI pool cleaner. This is caused by reaction to ultraviolet rays and the chemicals used in the pool water. Discoloration does not affect the operating ability of the KONTIKI. Therefore, this Limited Warranty does not cover the replacement of discolored parts.
2. Damage to or malfunction of the unit resulting from excess chlorination or improper water chemistry balance.
3. Replacement of parts which fail or become defective as a result of improper installation, negligence, misuse, abuse or tampering by unauthorized repair personnel.
4. Age, pool water imbalance, and improper installation can cause vinyl pool liners to become brittle or unduly wrinkled. Corrosion of the supporting walls and/or irregularities in the pool base may also cause liner failure. The use of this product in such an environment is at the pool owner's risk. Therefore, the pool owner hereby releases the manufacturer from any and all claims for damage where these conditions exist.
5. The KONTIKI is designed for use in aboveground pools only. If unit is used in any other application, the pool owner hereby releases the manufacturer from any and all claims. This misuse will void all warranty on the unit.

**THE LIMITED WARRANTY PROVIDED HEREIN IS THE SOLE AND EXCLUSIVE WRITTEN WARRANTY WITH RESPECT TO THE KONTIKI POOL CLEANER. ALL IMPLIED WARRANTIES IMPOSED BY APPLICABLE LAW, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO EACH COMPONENT OF THE KONTIKI ARE LIMITED TO THE DURATION OF THE EXPRESS LIMITED WARRANTY WITH RESPECT TO SUCH COMPONENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**

In no event shall Kontiki be liable in contract or in tort, or under any other legal theory, for lost profits or revenues, loss of use or similar economic loss, or for indirect, special, incidental, consequential or similar damages, even if it has been advised of the possibility of such claim. 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.

No claim under this Limited Warranty will be recognized unless the registration card, included in your box, is completed and returned within fifteen (15) days of the purchase date. Only the original purchaser may submit a claim under this Limited Warranty. Purchaser's claims against Kontiki, shall be limited to those claims which may be asserted under the Limited Warranty relating to any defect, malfunction or wear of the Kontiki.

To obtain warranty replacements or repair, the unit should be returned, **freight prepaid**, to Kontiki, 2028 NW 25th Ave, Pompano Beach, FL, 33069. Call for authorization at 888-786-7797. When submitting a claim, always supply serial number, evidence of purchase date, retailer and a brief description of the problems/defects encountered. Kontiki reserves the right to repair or replace all defective or worn parts covered by this Limited Warranty and return same to purchaser, freight collect.

Kontiki assumes no responsibility for any warranties or representations made by other individuals or businesses beyond the express terms contained in this Limited Warranty.

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

**IMPORTANT: FOR VINYL LINER POOL OWNERS**

Vinyl liners are subject to deterioration or damage due to age, the effect of chemicals, corrosion or failure of the supporting walls; as well as improper installation, maintenance or cleaning of the supporting walls or base.

Before installing the Kontiki, examine the interior of your pool carefully. 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 material or supporting walls, do not install the Kontiki before having a qualified professional perform the necessary repairs.

**Kontiki will not be responsible for liner damage caused by (1) a Kontiki cleaner which is out of warranty or in disrepair, or (2) a Kontiki cleaner used in a pool having a aged or deteriorated liner. YOU ARE RESPONSIBLE FOR LINER DAMAGE IF YOU USE THE KONTIKI UNDER CONDITION (1) OR (2).**

For sale and use in the United States only. This pool cleaner is not warranted or guaranteed outside of the United States.

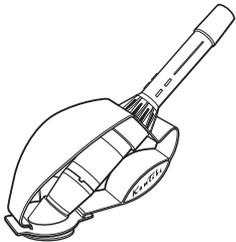
This pool cleaner is covered by one or more of the following U.S. and Canadian patents and registered design:  
U.S. patent nos. 4642833, 4742593, 5450645, 6122794 and 5315728. Canadian patent nos. 1254105, 1256262 and 2134220.

Other Patents Pending.

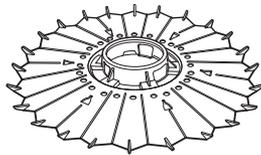
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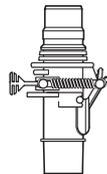
## Check that the following parts are included:



(1) Cleaner Head



(1) Combi Disc



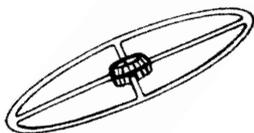
(1) Flowkeeper Valve



(1) Hose Connector



(1) Above-ground Cuff



(1) Wheel Deflector



(1) 45-degree Elbow



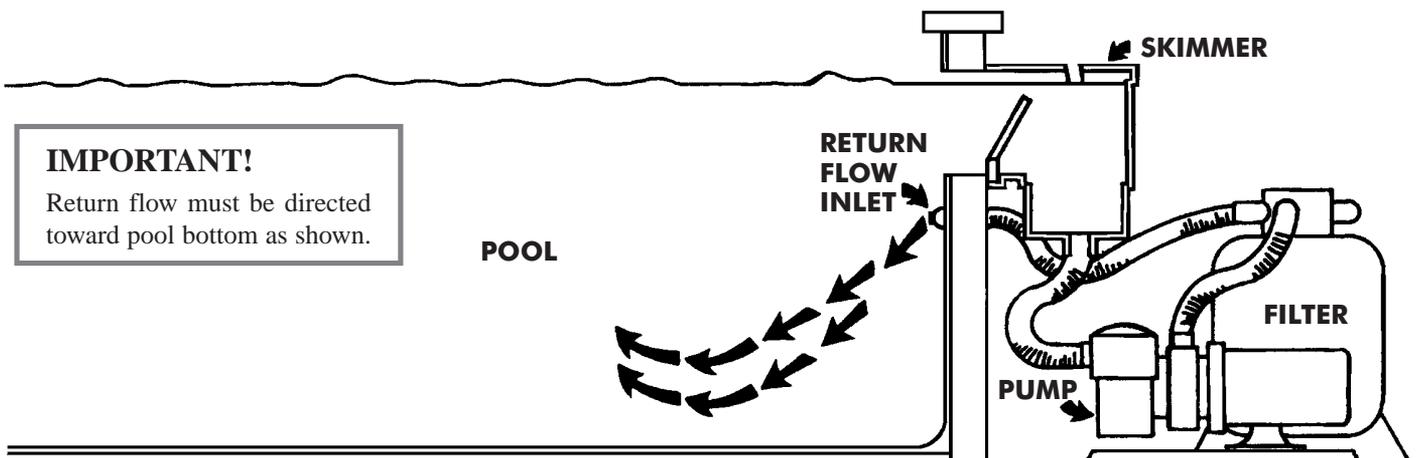
(1) Pool Pulse™



(10) Hose Sections

**If assistance is required, call 1-888-786-7797**

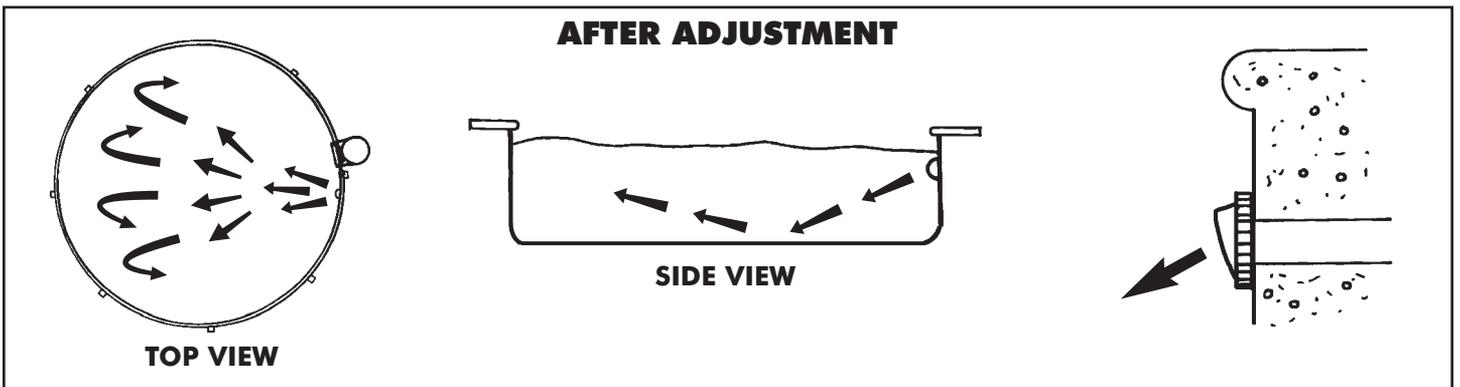
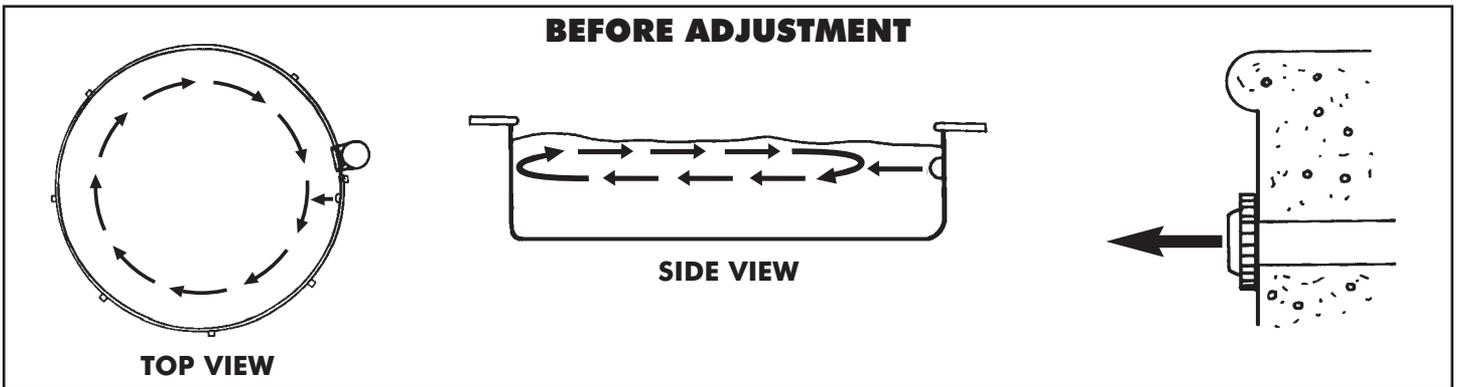
## POOL COMPONENTS



- Become familiar with the components of your pool shown.
- All diagrams are provided for reference of terminology used throughout this manual. Your pool may vary.

# STEP 1 - POOL PREPARATION

- Before installing the Kontiki, examine the interior of your pool carefully. 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 material or supporting walls, do not install the pool cleaner before having a qualified professional perform the necessary repairs.
- Manually vacuum the pool. This eliminates unnecessary adjustment later.
- Clean the pool filter and empty the skimmer and pump strainer baskets. Filter pressure rises as debris is cleaned from the water, thus reducing flow.
- Divert the pool return inlets downward - (IMPORTANT!). Your Kontiki must move randomly throughout the pool. Water circulating at the surface will influence the hose and limit coverage.
  - To adjust the return inlet, loosen the lock ring and redirect the eyeball downward, then retighten the lock ring. If the eyeball is difficult to adjust, insert a screwdriver inside the eyeball and gently adjust downward.
  - If the return inlets cannot be pointed downward, then you **MUST** install Kontiki return line diverters, which are available through your dealer.



**FOR POOLS WITH RETURN INLET DIRECTIONAL FITTINGS**

Replace the directional eyeball with retrofit eyeball return line diverter and reinstall eyeball retaining ring.

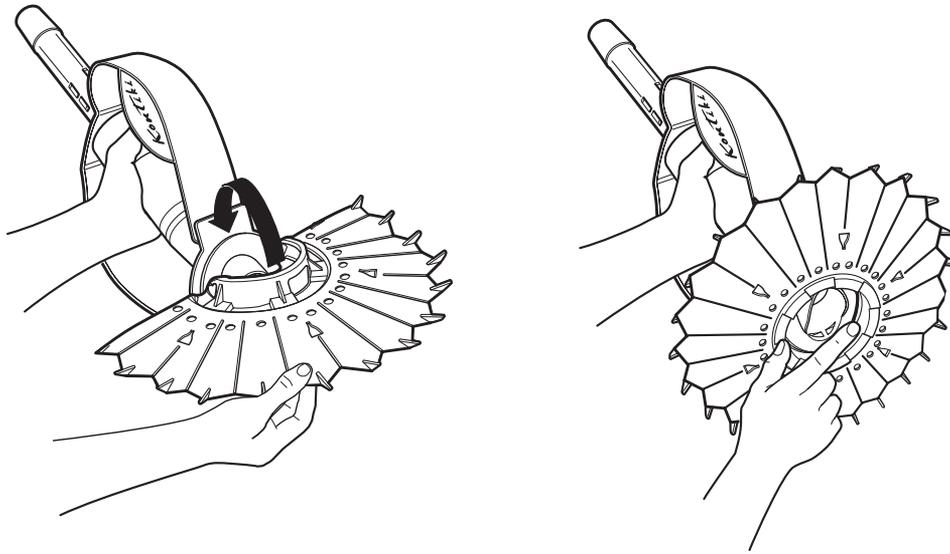
Part #W90153 for 1½" return lines  
Part #W90155 for 2" return lines

**IF UNABLE TO ADJUST RETURN INLETS OR FOR POOLS WITHOUT RETURN INLET DIRECTIONAL FITTINGS**

Use universal return line diverter (Part #W24100). Pinch wires together and insert fully into return inlet.

## STEP 2 - DISC INSTALLATION

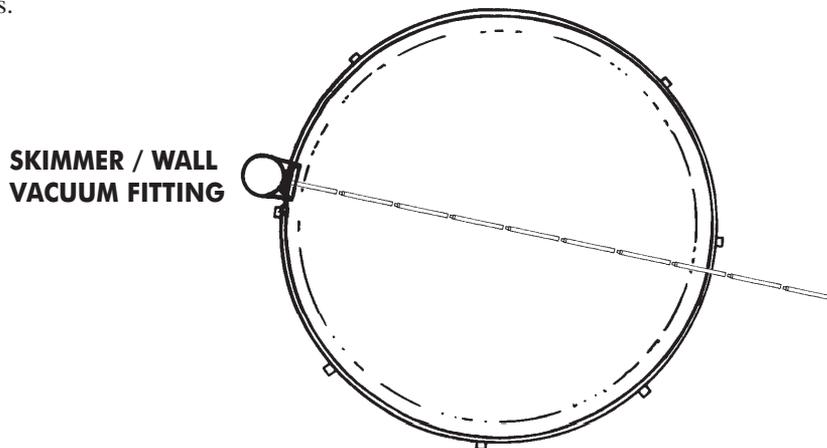
Slide the disc over the base of the cleaner head. Be sure it fits properly in the grooves provided. The fins on the disc point upward.



## STEP 3 - HOSE ASSEMBLY

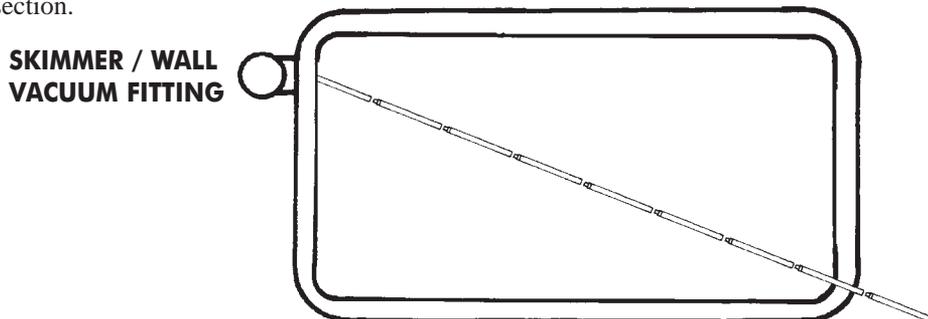
### FOR CENTER INSTALLATIONS

Use enough hose sections to reach the farthest point in the pool, plus two (2) sections.



### FOR CORNER OR END INSTALLATIONS

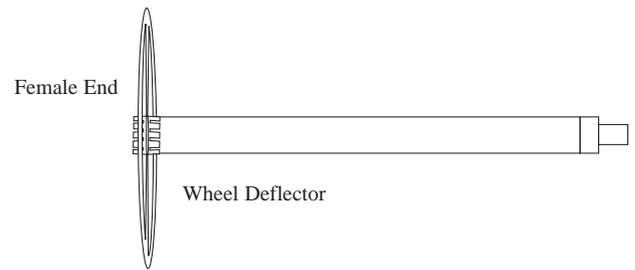
Use enough hose sections to reach the farthest point in the pool, plus one (1) section.



**Note:** You may not need to use all or you may need more hose sections, depending upon your pool size.

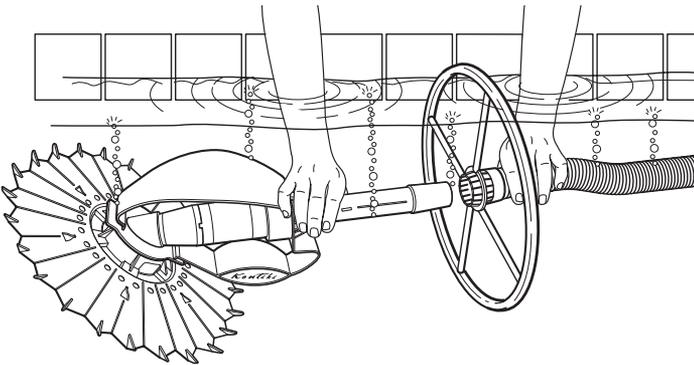
## STEP 4 - WHEEL DEFLECTOR INSTALLATION

- Slide the wheel deflector on to the female end of the hose. The female end will eventually attach to the Kontiki head.

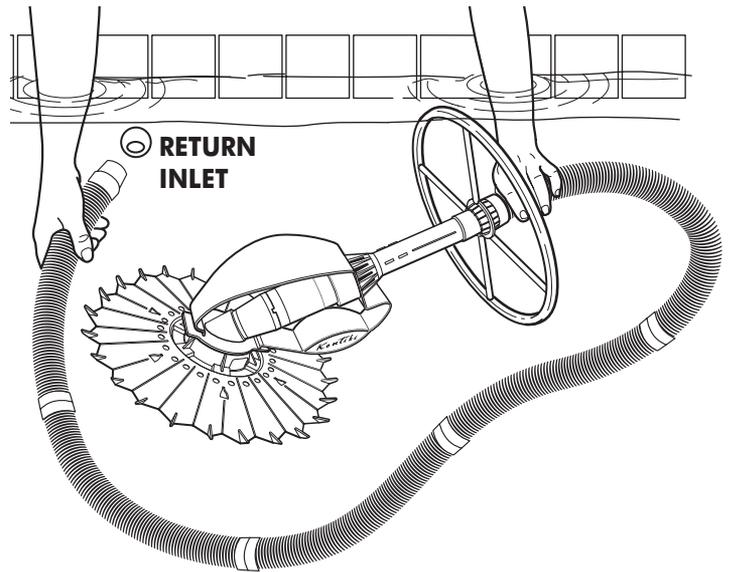


## STEP 5 - REMOVING AIR FROM HOSE

- Submerge the pool cleaner head. When bubbles stop coming from the extension pipe, attach the cleaner head to the female end of the hose.



- Turn on the filtration system.
- Fill the hose with water by placing the end over a return inlet.

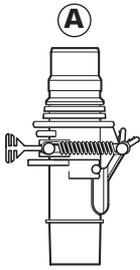
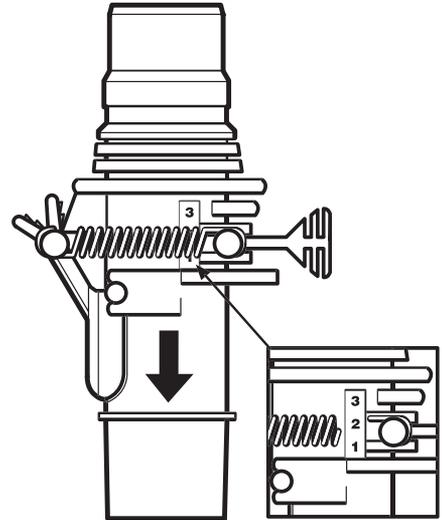


# STEP 6 - INSTALLATION

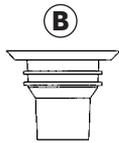
## FLOWKEEPER VALVE

The Flowkeeper Valve **MUST BE** used on all installations. The pool pump provides more gallon per minute flow than your pool cleaner requires. The Flowkeeper provides a way to regulate the flow with a by-pass so the pool pump and the pool cleaner run properly.

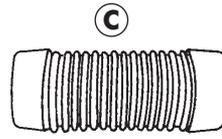
Skimming action is maintained through a bypass throat in the valve. As the filter collects debris, the valve automatically maintains the correct flow to the cleaner. The Flowkeeper Valve comes preset at the setting required for your cleaner. There are a total of three setting options. The lower the setting number, the lower the flow to the cleaner head. Should readjustment become necessary, pull the adjustment handle to raise or lower the setting. The red tab on the valve can be used to keep the bypass open, which in most cases, will cause the cleaner to stop.



(1) Flowkeeper Valve



(1) Valve Cuff



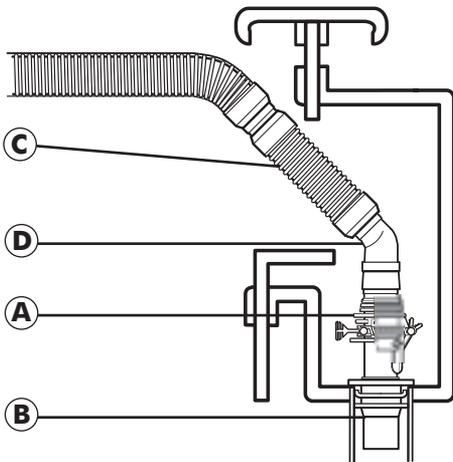
(1) 4 1/2" Connector



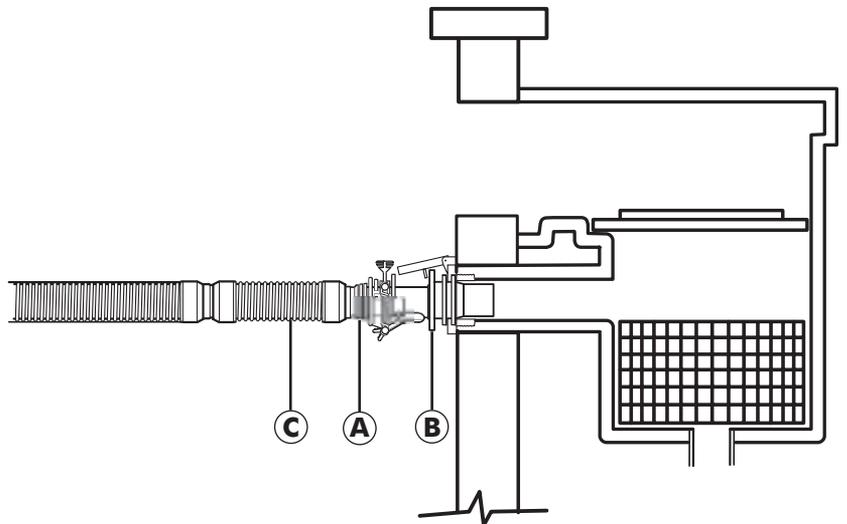
(1) 45° Elbow

- Using the parts shown, choose a fitting combination best suited for your pool from figures A or B and install. You may have parts left over.

## FIGURE A Skimmer Installation

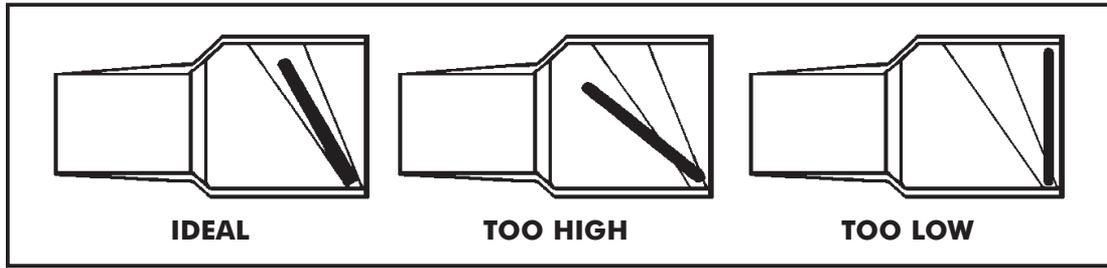


## FIGURE B Vacuum Line Installation



**Important:** To help prevent suction entrapment accidents, wall vacuum fittings should have a safety vac lock installed. Contact your builder or retail pool professional for details.

## STEP 7 - ACHIEVING PROPER FLOW



### POOL PULSE®

The Pool Pulse is a flow meter that measures the volume of water flowing through your Kontiki cleaner. It must be used to properly set the flow and can be used as a diagnostic tool when the cleaner isn't running properly.

- Remove the cleaner head.
- Attach the Pool Pulse® to the hose and keep it under water as shown in Figure 1.
- Turn on the filtration system.
- Insure the Pool Pulse is in the ideal range when viewed from the side.
- Keeping the hose under water, remove the Pool Pulse.
- Submerge the cleaner head, and when the bubbles stop coming from the extension pipe, attach the hose end.

Your installation is now complete.

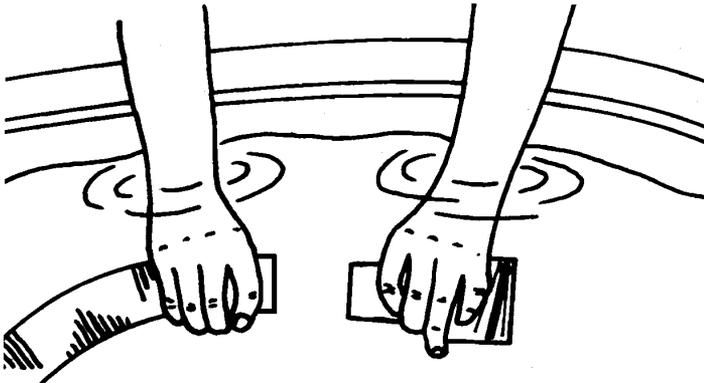


Figure 1

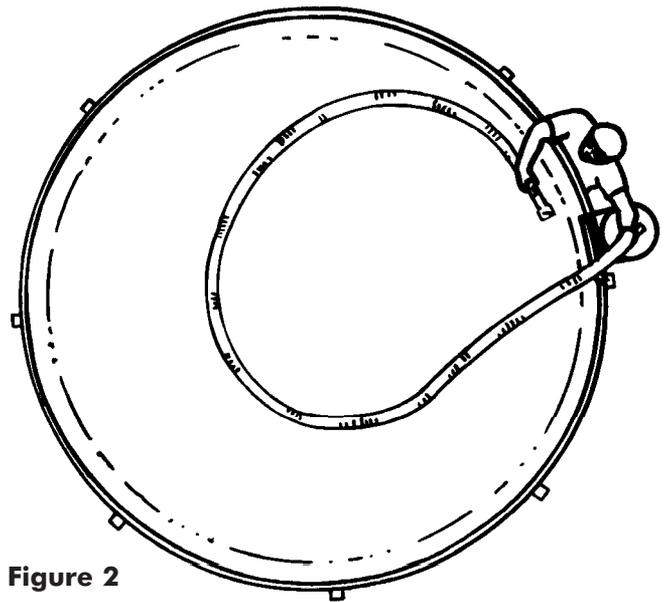


Figure 2

**If the flow is in the low range,** review the installation procedures. A dirty pool filter or clogged basket is usually the main cause of low flow. Other types of hydraulic problems may require a professional pool repairman. If your pool has multiple skimmers and flow is in the low range, close the skimmer the cleaner is not attached to.

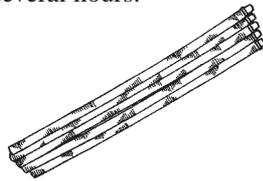
**If the flow is in the high range,** review the installation procedures. Lower Flowkeeper setting to #1.

**Note:** If the automatic pool cleaner is climbing the walls excessively, that is an indication that the flow is too high. Review the installation procedures and insure the Flowkeeper is set at setting #1. For additional assistance contact Technical Service 1-888-786-7797.

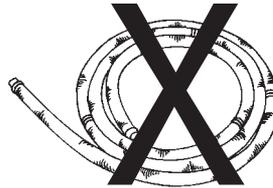
# KONTIKI CARE AND MAINTENANCE

To maintain quality, performance and increase the lifespan of your Kontiki, please do the following:

1. Thoroughly clean the skimmer basket, pump basket and pool filter on a regular basis. **Always disconnect the hose from the skimmer before backwashing.**
2. **REMOVE THE CLEANER BEFORE SUPER CHLORINATING OR ADDING POOL CHEMICALS.** Reinstall the Kontiki when the imbalance is corrected or after a minimum of 4 hours from super chlorination. Chemical damage is not covered under warranty.
3. **NEVER COIL THE HOSE** when the cleaner is removed from the pool. A coiled hose can be straightened with hot water or by laying it on a warm pool deck for several hours.



CORRECT



INCORRECT

4. Remove disc and store it flat during the off-season. Store the cleaner head in a warm and dry place.

## Quick Access Cassette System

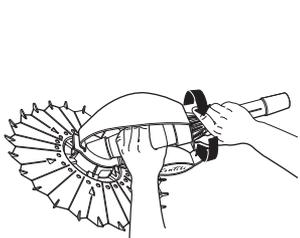
Foreign objects, such as children's toys, tree branches and rocks, should be removed manually from your pool prior to operating your Kontiki. If a blockage should occur, the Quick Access Cassette System will allow you to check the diaphragm for damage and remove the blockage in minutes at poolside.

### DIAPHRAGM REMOVAL

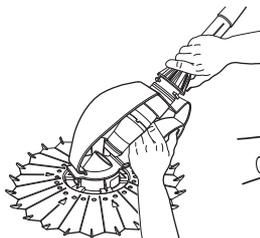
Holding the frame assembly in one hand, grasp the cassette handnut firmly and turn it counter-clockwise (Step 1). Pull the complete cassette out of the frame (Step 2). Holding the cassette at each end, unscrew the cassette pipe from the diaphragm chamber two full turns (Step 3). Grasp the lip of the diaphragm and pull the diaphragm out (Step 4). The inner pipe will be attached and will make a loud noise. Pull the diaphragm off of the inner pipe, leaving the retaining ring on the diaphragm (Step 5).

Inspect the diaphragm for the blockage or damage. If damage is evident, i.e., a cut or hole on the sides of the diaphragm, contact your dealer for a replacement.

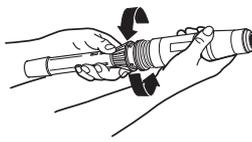
If a blockage is apparent, grasp it and remove it. If this can't be done, a garden hose may be used to flush the obstacle through. Do not use any sharp objects to probe or push an obstruction as this may damage the diaphragm.



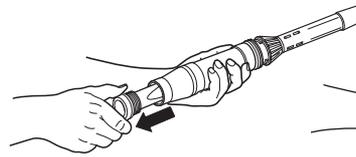
Step 1



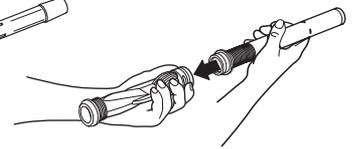
Step 2



Step 3



Step 4

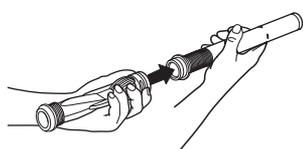


Step 5

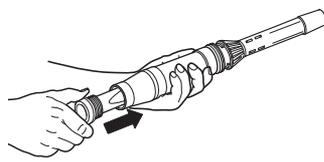
### DIAPHRAGM ASSEMBLY

Attach the diaphragm to the inner extension pipe using the retaining ring (Step 6). Slide the inner extension pipe into the diaphragm chamber. Pressing on the underside of the diaphragm's ridges, push the diaphragm into the chamber (Step 7). Holding the cassette at each end, tighten the cassette pipe until snug. Do not overtighten. (Step 8). Insert the cassette into the frame assembly and twist the handnut clockwise until it locks into place (Step 9).

NOTE: The indicator line on the handnut will line up with the center ridge on the frame assembly (Step 10).



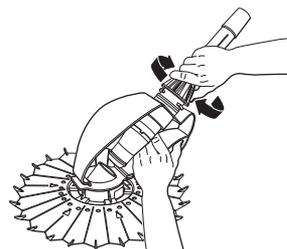
Step 6



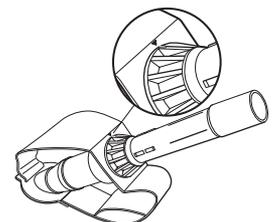
Step 7



Step 8



Step 9



Step 10

# TROUBLESHOOTING

If you experience a problem with your Kontiki, please review the installation section and insure all steps have been followed correctly.

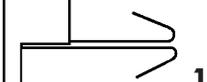
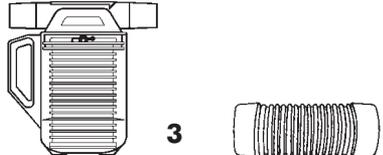
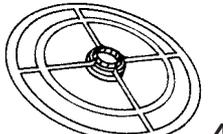
## PROBLEM

## SOLUTION

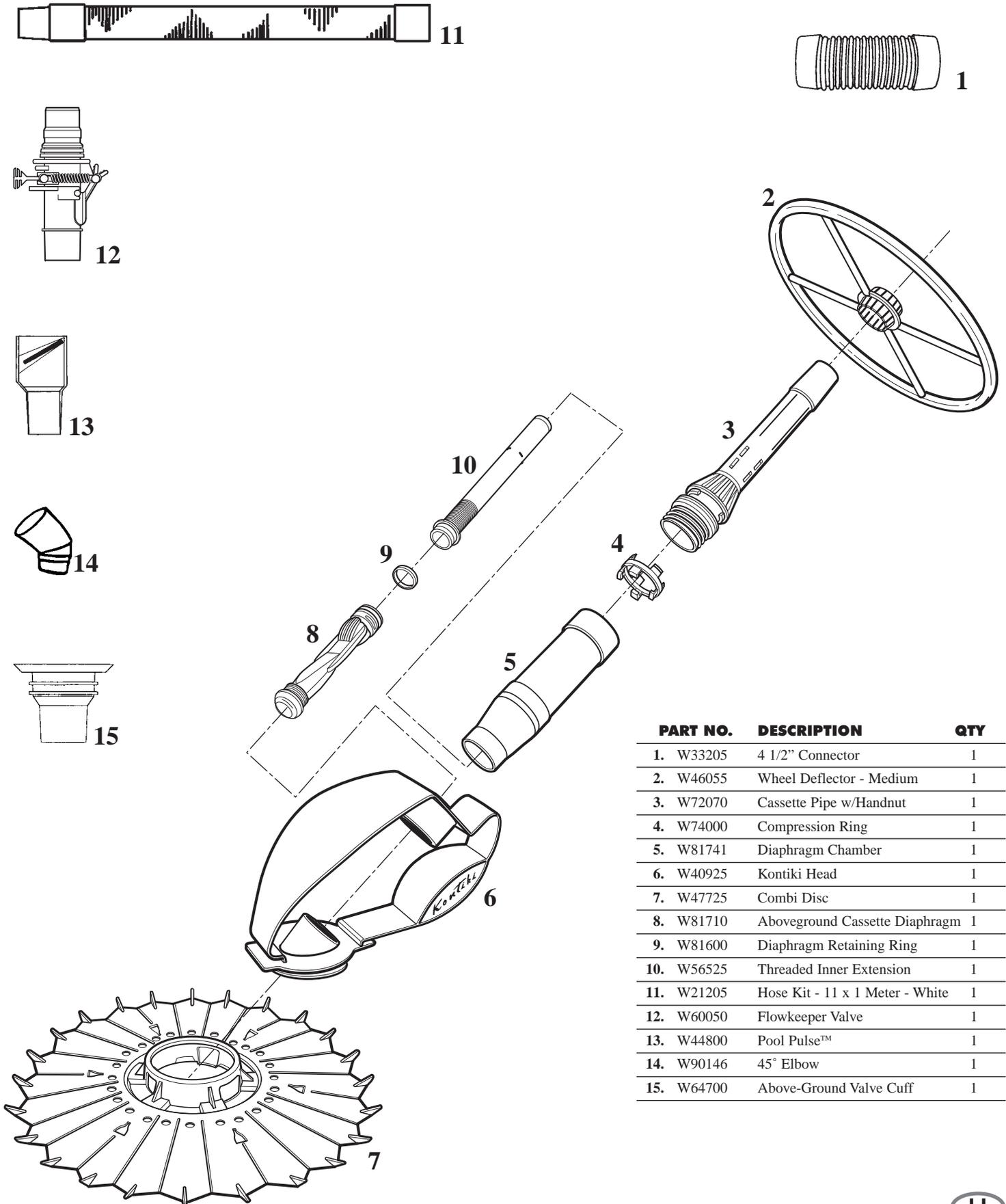
1. Machine does not move, or moves sluggishly.	<ul style="list-style-type: none"> <li>• Insure ideal flow is being attained using Pool Pulse. Note: In water 60° F or less, it may be necessary to increase flow to compensate for the reduced flexibility of the hose and diaphragm.</li> <li>• Check diaphragm for damage or wear (see Care and Maintenance).</li> <li>• Backwash filter and empty pump basket.</li> <li>• Check for air in system. If water level in pump basket drops, check hose connections, tighten all fittings at pump, check gasket in pump basket for wear.</li> </ul>
2. Machine does not cover entire pool.	<ul style="list-style-type: none"> <li>• Insure ideal flow is being attained using Pool Pulse.</li> <li>• Point return jets as far down as possible.</li> <li>• Make sure hose does not have memory from being coiled (see Care and Maintenance).</li> <li>• Confirm proper hose length</li> </ul>
3. Machine sticks on ladder.	<ul style="list-style-type: none"> <li>• Insure ideal flow is being attained using Pool Pulse.</li> <li>• Remove ladder if possible</li> <li>• Install large wheel deflector.</li> </ul>
4. Machine sticks in steps.	<ul style="list-style-type: none"> <li>• Insure correct amount of hose is being used (see Assembly). Shorten if necessary.</li> <li>• Insure the Flowkeeper is on the number 1 setting.</li> <li>• Install large wheel deflector.</li> </ul>
5. Machine stays on walls or edge of pool.	<ul style="list-style-type: none"> <li>• Insure the Flowkeeper is on the number 1 setting.</li> </ul>

**IF FURTHER ASSISTANCE IS REQUIRED, PLEASE CALL 1-888-786-7797.**

## KONTIKI ACCESSORIES

PART ILLUSTRATION	PART NO.	DESCRIPTION
	1. W24100	<b>Return Line Diverter</b> Use when no other return inlet return inlet directional fittings exist.
	2A. W90153 (for 1 1/2" return inlet)  2B. W90155 (for 2" return inlet)	<b>Retrofit Eyeball Return Line Diverter</b> Use to replace standard directional inlet eyeballs
	3. W26705	<b>The Leaf Catcher with 4 1/2" Hose Connector</b> Use when heavy debris or leaf situations exist.
	3. W46155	<b>Large Wheel Deflector</b> Use when extra clearance is needed at steps or other obstacles.

# KONTIKI™ PARTS DIAGRAM



PART NO.	DESCRIPTION	QTY
1.	W33205 4 1/2" Connector	1
2.	W46055 Wheel Deflector - Medium	1
3.	W72070 Cassette Pipe w/Handnut	1
4.	W74000 Compression Ring	1
5.	W81741 Diaphragm Chamber	1
6.	W40925 Kontiki Head	1
7.	W47725 Combi Disc	1
8.	W81710 Aboveground Cassette Diaphragm	1
9.	W81600 Diaphragm Retaining Ring	1
10.	W56525 Threaded Inner Extension	1
11.	W21205 Hose Kit - 11 x 1 Meter - White	1
12.	W60050 Flowkeeper Valve	1
13.	W44800 Pool Pulse™	1
14.	W90146 45° Elbow	1
15.	W64700 Above-Ground Valve Cuff	1

