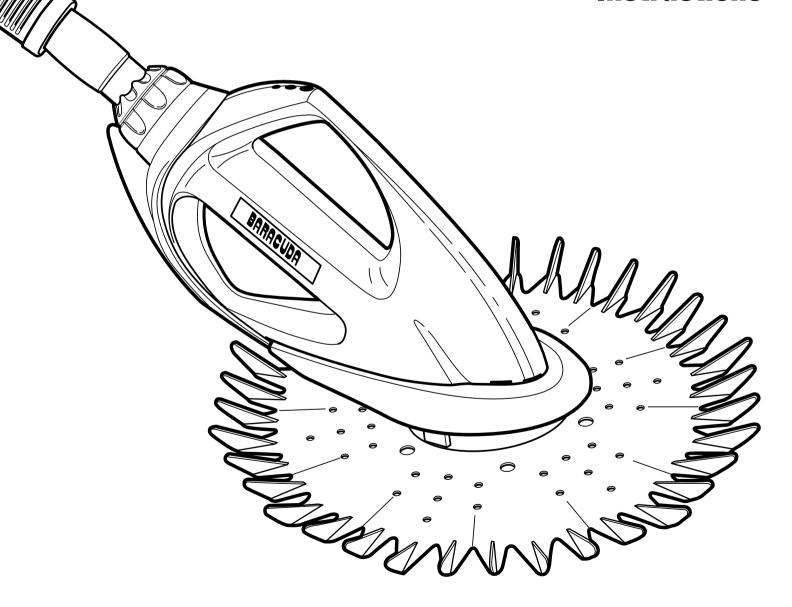


Baracuda 63™

Owner's Manual and Quick Installation Instructions







THANK YOU FOR PURCHASING THE BARACUDA® G3". YOUR BARACUDA G3 HAS BEEN DESIGNED AND MANUFACTURED TO BE EASILY INSTALLED AND TO PROVIDE YEARS OF LOW MAINTENANCE OPERATION.

PRIOR TO INSTALLING YOUR NEW BARACUDA G3, 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 Baracuda G3 POOL CLEANER DATA HERE:

Date of Purchase			
Purchased From			
City	State/Province	Zip/Postal Code	
Serial No:	(serial number	located on underside of machine head)	

BARACUDA G3 LIMITED WARRANTY

This Baracuda G3 was carefully inspected before shipment from our warehouse. Upon unpacking, if any part proves defective or missing, please notify Zodiac Pool Care, Inc. immediately. Please consult owner's manual for complete instructions on the installation and operation of your Baracuda G3.

ZODIAC POOL CARE, INC. WARRANTS THE BARACUDA G3 POOL CLEANER AGAINST ALL MANUFACTURING DEFECTS <u>AND</u> ALL WEAR AND TEAR FOR THE FIRST TWO (2) YEARS INCLUDING THE BARACUDA G3 HOSE. 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 Baracuda G3 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 Baracuda G3. 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 Baracuda G3 is designed for use in inground 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 Baracuda G3 Pool Cleaner doesn't work under pool cover.
- 6. The Baracuda G3 is not warranted for use in pools sanitized or treated by biguanide products such as Baquacil*, Revacil** or Softswim***.

THE LIMITED WARRANTY PROVIDED HEREIN IS THE SOLE AND EXCLUSIVE WRITTEN WARRANTY WITH RESPECT TO THE BARACUDA G3 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 BARACUDA G3 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 Zodiac Pool Care, Inc. 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 Zodiac Pool Care, Inc. shall be limited to those claims which may be asserted under the Limited Warranty relating to any defect, malfunction or wear of the Baracuda G3.

To obtain warranty replacements or repair, call for authorization at (888) 786-7797. When calling, always supply serial number, evidence of purchase date, retailer and a brief description of the problems/defects encountered. Zodiac Pool Care, Inc. reserves the right to repair or replace all defective or worn parts covered by this Limited Warranty and return same to purchaser, freight collect.

Zodiac Pool Care, Inc. 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.

- * Baquacil is a trademark of Zeneca, Inc.
- ** Revacil is a trademark of Biolab, Inc.
- *** Softswim is a trademark of Marera, Inc.



HOW YOUR BARACUDA® G3™ WORKS

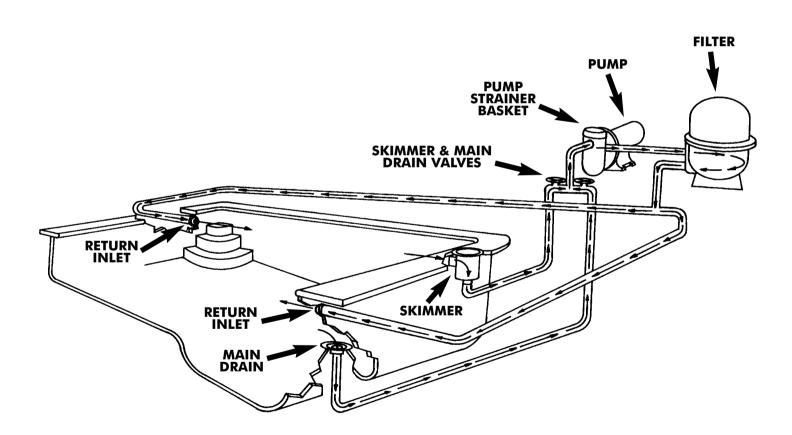
Your pool pump pulls water from the main drain and the skimmer through a strainer basket, then pushes the water through the filter system and back into the pool through the return inlets.

The Baracuda G3 connects to the skimmer or vacuum line with the hose sections provided. Water flows through the diaphragm of the Baracuda G3 at a rate of 14 to 19 GPM.

The "Pool Pulse" provides a way to measure the amount of water flow. The "Flowkeeper Valve" provides a way to regulate the amount of water flow.

Diverting or re-directing the return inlets downward breaks up the circulation pattern of water within the pool. This allows random cleaning around the pool.

Most common problems can be eliminated, by reading through the entire manual before installing your new Baracuda G3.

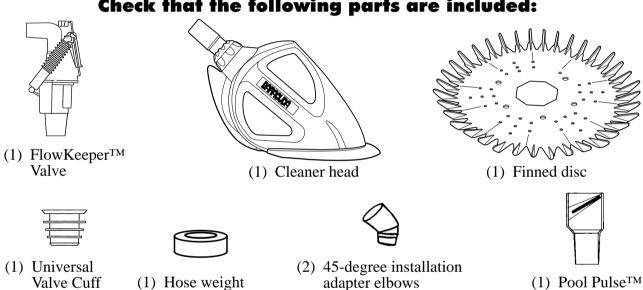


All diagrams are provided for reference and for terminology used throughout this manual. Your pool may vary.



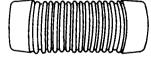
OPERATIONS GUIDE

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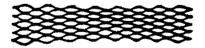




(12) Hose Lengths



(1) $4^{1/2}$ " Connector



(1) Hose protector net

If assistance is required, call 1-888-786-7797 **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 Baracuda® G3™, 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 Baracuda G3 before having a qualified professional perform the necessary repairs.

The Baracuda G3 is not warranted for use in pools sanitized or treated by biguanide products such as Baquacil*, Revacil** or Softswim***.

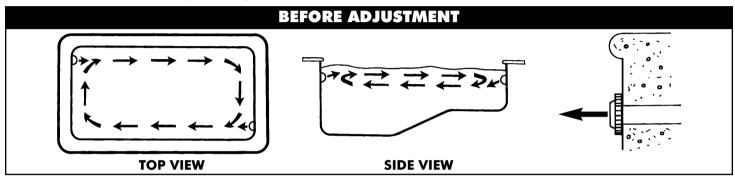


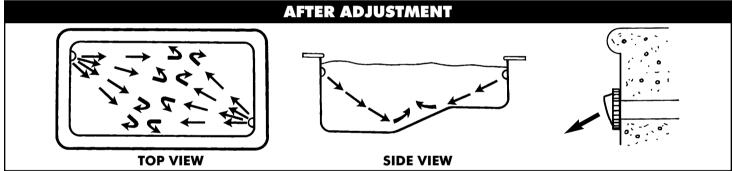
POOL PREPARATION

To ensure proper performance and eliminate unnecessary adjustment, please do the following before installing your new Baracuda® G3™.

- ☐ Close the main drain (*This allows the flow to be regulated by the "Flowkeeper" Valve"*)
- ☐ 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!*)

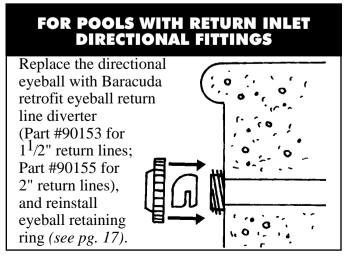
Your Baracuda G3 must move randomly throughout the pool. Water circulating at the surface will influence the hose limiting coverage.

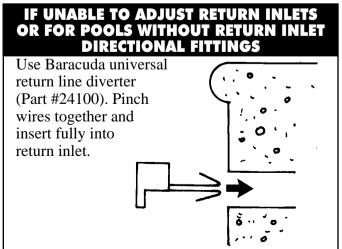




To adjust the return inlet: loosen the lock ring and redirect the eyeball downward, then retighten the lock ring. If the eyeball is difficult to adjust, insert a screwdriver inside the eyeball and gently adjust downward.

If the return inlets cannot be pointed downward, then you **MUST** install Baracuda return line diverters. They are available through your Baracuda dealer (*see page 17*).



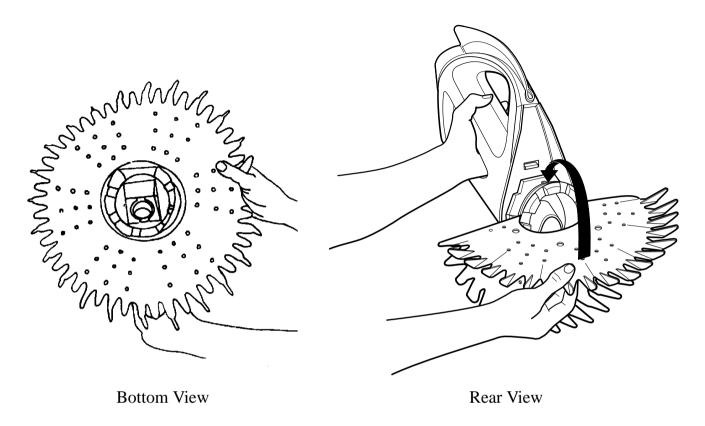




ASSEMBLY

FINNED DISC AND FOOTPAD INSTALLATION

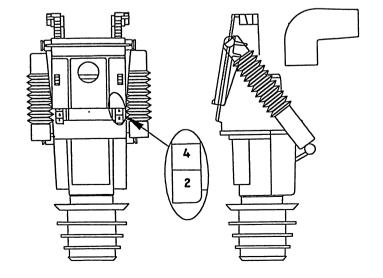
Slide the finned disc over the foot pad. Be sure it fits properly in the grooves provided. The fins on the disc face upward.



FLOWKEEPER™

The pool pump provides more gallon per minute flow than your Baracuda® $G3^{\text{\tiny TM}}$ requires. That's why we provide a way to regulate the flow. The Flowkeeper™ Valve is self adjusting and provides a by-pass, so that the pool pump and the Baracuda G3 run properly. In single skimmer installations the Flowkeeper™ Valve $\underline{MUST\ BE}$ used.

The Flowkeeper™ Valve comes pre-set at #4. The last fully exposed number is the setting the valve is at. The slide plate can be raised (to increase flow to the Baracuda G3) or lowered (to reduce flow to the Baracuda G3), by either pulling up on the plate or "walking" the plate down to a lower setting.





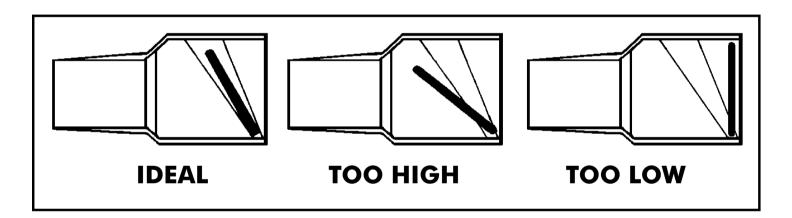
POOL PULSE™

The Pool Pulse^{$^{\text{M}}$} is a flow meter that measures the volume of water flowing through your Baracuda^{$^{\text{M}}$} cleaner. It must be used to properly set the flow on wall vacuum and dual skimmer installations and can be used as a diagnostic tool when the cleaner isn't running properly.

Always use the Pool Pulse^{$^{\text{IM}}$} with the proper hose length for your pool. Keep the end of the hose underwater, remove the cleaner head, submerge the Pool Pulse^{$^{\text{IM}}$} and attach it to the end of the hose. The blue indicator door should move into the clear wedge area indicating a flow in the *ideal* range.

If the flow is in the low range, review the preparation procedures (page 5). A dirty pool filter, clogged baskets and improperly set valves are usually the main cause of low flow. Other types of hydraulic problems may require a professional pool repairman.

If the flow is in the high range, review the installation procedures. The FlowkeeperTM valve must be used on single skimmer installations to maintain ideal flow. With dual skimmer or wall vacuum installations, confirm that the valves controlling these lines are properly set. Slightly open the main drain if necessary.

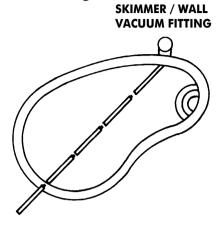


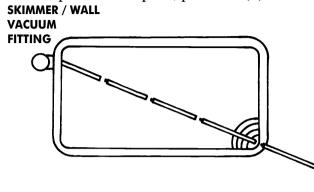


HOSE ASSEMBLY

FOR CORNER OR END INSTALLATIONS

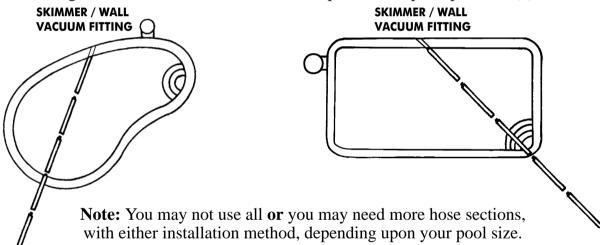
If your skimmer or wall vacuum fitting is located at the corner or end of your pool, use enough hose sections to reach the farthest point in the pool, plus one (1) section.





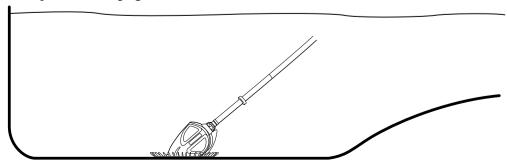
FOR CENTER INSTALLATIONS

If your skimmer or wall vacuum fitting is located at the center of your pool, use enough hose sections to reach the farthest point in the pool, plus two (2) sections.



BALANCE

Your Baracuda® $G3^{\text{\tiny M}}$ came with a hose weight, which will compensate for the buoyancy of the hose. A properly balanced hose will create a 45-degree angle from the cleaner head and the bottom of the pool. Slide the hose weight on the female end of the first section of hose and position it half way up from the cleaner head. See Adjustments (page 13) for additional information.





FOR POOLS WITH ONE SKIMMER

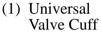
Turn the filtration system off.

Using the parts shown below, choose a fitting combination best suited for your skimmer. You may have parts left over.

Do not install in the skimmer at this time.

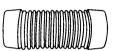




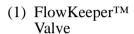


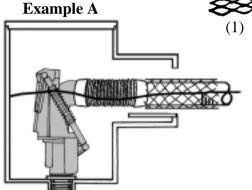


(2) 45° installation adapter elbows

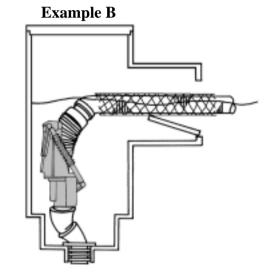


(1) $4^{1/2}$ " Connector



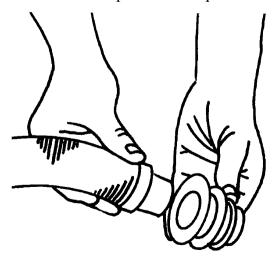






FOR POOLS WITH TWO SKIMMERS

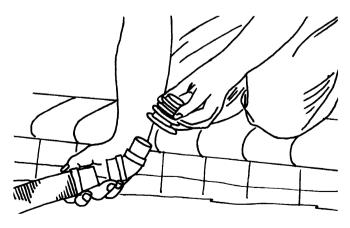
No FlowKeeper[™] Valve required



Insert the end of the hose into the universal valve cuff.

FOR POOLS WITH WALL VACUUM FITTINGS

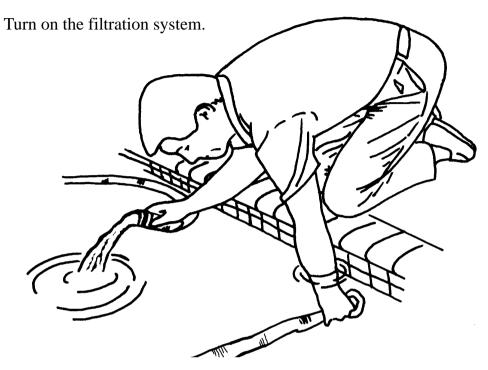
No FlowKeeper[™] Valve required



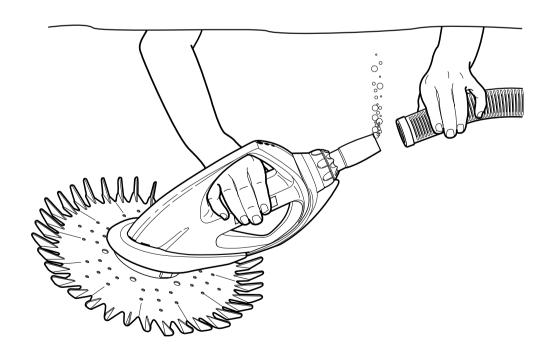
Insert that end of the hose into the large end of one 45° elbow. Then insert the small end of the 45° elbow into the universal valve cuff. The 45° elbow should be angled toward the surface.



FOR ALL INSTALLATIONS



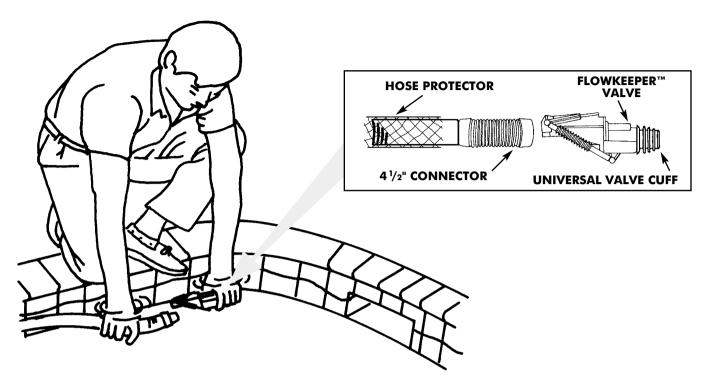
Fill the hose with water by placing the end over a return inlet.



Submerge the Baracuda $^{\circ}$ G3 $^{\circ}$ pool cleaner head. When bubbles stop coming from the extension pipe, attach the cleaner head to the female end of the hose.

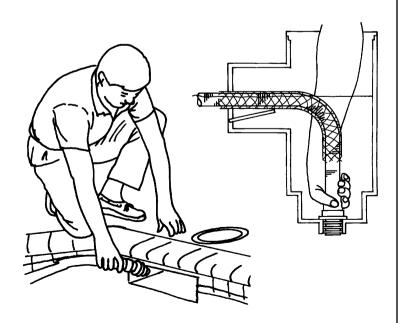


FOR POOLS WITH ONE SKIMMER



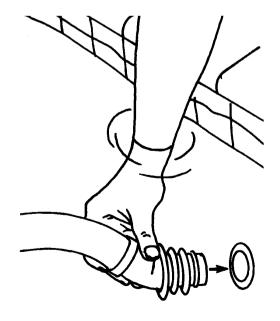
Remove the skimmer basket, attach the regulator valve combination to the hose and install into the skimmer. Turn on the filtration system. **Your installation is now complete.**

FOR POOLS WITH TWO SKIMMERS



Remove the skimmer basket from the deep end skimmer. Attach the cuffed hose end to the suction port of the skimmer.

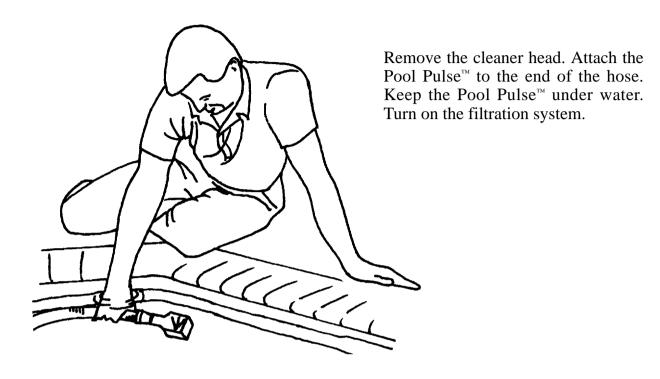
FOR POOLS WITH WALL VACUUM FITTINGS



Insert the cuff hose end into the wall vacuum fitting. The 45° elbow should be angled toward the surface.



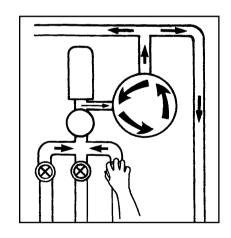
FOR POOLS WITH TWO SKIMMERS AND FOR POOLS WITH WALL VACUUM FITTINGS



For pools with two skimmers, leave the selected skimmer open and slowly close the other skimmer until the blue indicator of the Pool Pulse[™] falls into the ideal range (when viewed from the side).

For pools with a wall vacuum fitting, leave the wall vacuum fitting fully open and slowly close the skimmer valve until the blue indicator of the Pool Pulse™ falls into the ideal range (when viewed from the side).

Remove the Pool Pulse[™]. Submerge the cleaner head. When the bubbles stop coming from the extension pipe, attach the hose end. **Your installation is now complete.**



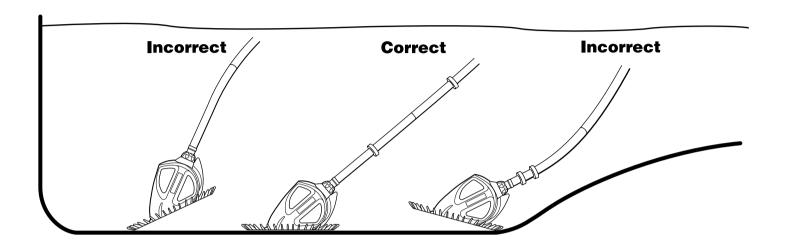




ADJUSTMENTS

Balance - Pools that are 8 1/2 Feet or Deeper

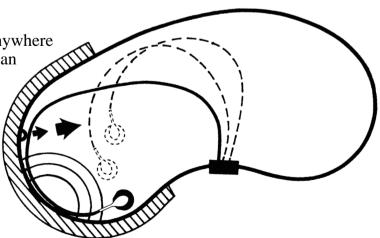
An additional hose weight (PN 43260) may be necessary to balance the Baracuda® G3™ cleaner head. If the Baracuda G3 is not balanced correctly in the deep end of the pool, (as shown below) turn off the pump, add a second hose weight (approximately 4 to 7 feet) away from the first weight. Place the Baracuda G3 in the deep end, turn on the pump and determine whether the correct balance has been achieved. If not, re-position the second hose weight accordingly. Additional hose weights may be purchased from your Baracuda G3 dealer if required.



Coverage

Normally it is undesirable for the return line water flow to affect the natural movement of the Baracuda G3 hose. However, the following illustration shows how return line pressure can be used to balance cleaning coverage or to guide the cleaner away from step areas with "V" shaped corners.

A return line located anywhere along the shaded area can be utilized to gently push the hose allowing the Baracuda G3 to free itself from inpool obstacles.



Technique

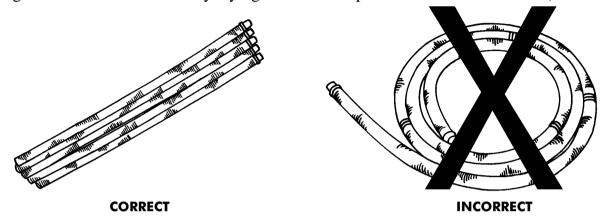
Position the return line directional so that you can only detect water movement on the surface 8 feet out from the wall, and aim it at the center of the opposite wall.



CARE AND MAINTENANCE

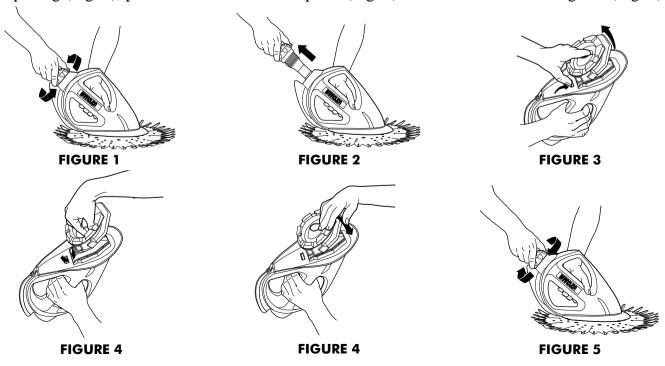
To maintain quality performance and increase the lifespan of your Baracuda[®] $G3^{\text{\tiny M}}$, please do the following:

- 1. The skimmer basket, pump basket and pool filter should be thoroughly cleaned on a regular basis. Always disconnect the hose from the skimmer before backwashing.
- 2. **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.)



- 3. REMOVE THE BARACUDA G3 BEFORE SUPER CHLORINATING OR ADDING POOL CHEMICALS. Reinstall the Baracuda G3 when the imbalance is corrected or after a minimum of 4 hours from super chlorination.
- 4. Periodically inspect parts for wear. The footpad and disc are the most critical. When the depth of the channels between the treads of the footpad are 1/8" or less, replace the footpad.

To remove the foot flange (PN 69527) unthread and remove the cassette (Fig. 1 & 2). Holding the Baracuda G3 as shown (Fig. 3), press down on the yellow clip while pulling the foot flange toward you. Pull off the old footpad and stretch on the new one. Insert the locking clip of the foot flange into the large opening (Fig. 4), push forward to lock into place (Fig. 5) insert the cassette and tighten (Fig. 6).

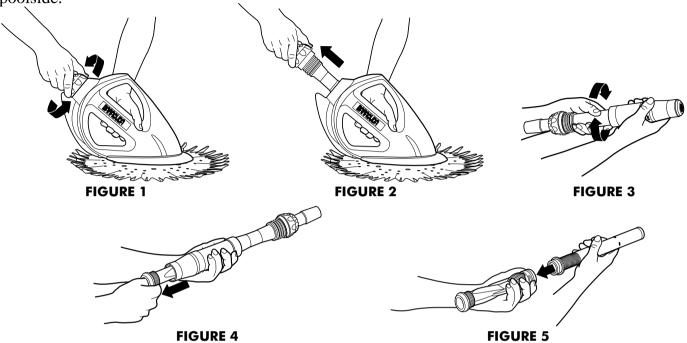




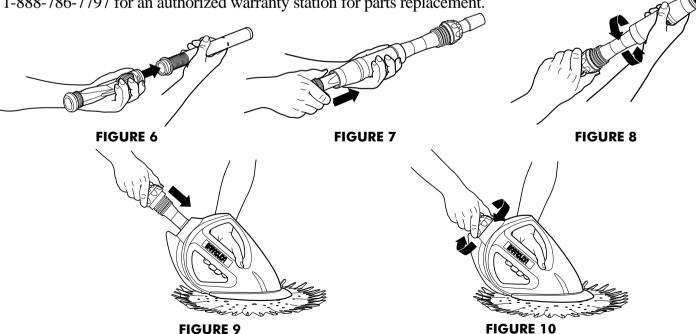
CARE AND MAINTENANCE

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 Baracuda $^{\circ}$ G3 $^{\circ}$. 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.



Unscrew cassette (Fig. 1) and remove from head (Fig. 2). Loosen swivel pipe (Fig. 3). Pull out diaphragm & inner pipe (Fig. 4). Pull diaphragm from inner pipe (Fig. 5) and inspect for blockage or cuts. Remove blockage and rinse. Do not use sharp objects as damage to diaphragm may occur. Contact technical service at 1-888-786-7797 for an authorized warranty station for parts replacement.



To reassemble: Be sure retaining ring is on diaphragm, push diaphragm onto inner pipe (Fig. 6). Insert inner pipe into diaphragm chamber and seat diaphragm against lip (Fig. 7). Tighten cassette assembly (Fig. 8). Insert cassette into head (Fig. 9) and tighten handnut (Fig. 10).



ACCESSORIES

PART ILLUSTRATION	PART NO.	DESCRIPTION
	1. 24000	Ladder Guard Always use on stainless steel in-pool ladders
2	2. 24100	Return Line Diverter Use when no other return inlet directional fittings exist. (see page 6).
3A 3B	3A. 90153 (for 1½" return inlet) 3B. 90155 (for 2" return inlet)	Retrofit Eyeball Return Line Diverter Use to replace standard directional inlet eyeballs (see page 6).
4	4. 26705	The LEAF CATCHER* with 4 1/2" Hose Connector Use when heavy debris or leaf situations exist.
	5. 46155	Large Wheel Deflector
	6. 43260	Additional 37g Hose Weight May be required to properly balance the Baracuda G3 cleaner head.



TROUBLESHOOTING

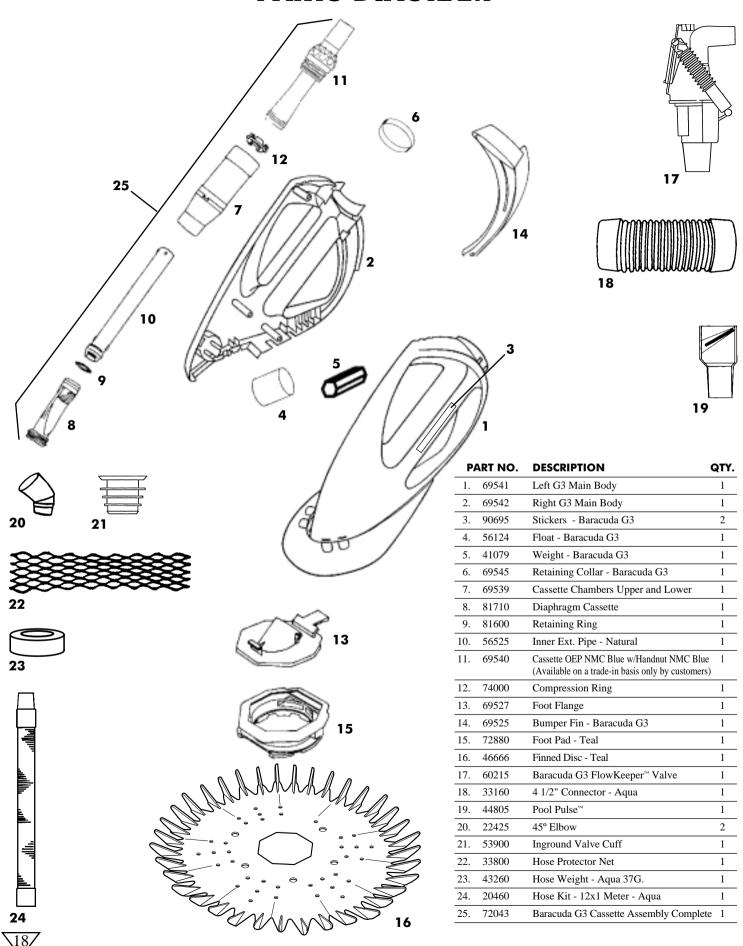
PROBLEM	SOLUTION
Baracuda® G3 [™] stops & starts	Check diaphragm for blockage or damage. Adjust worn diaphragm by loosening cassette swivel, gently pushing down on inner pipe & retightening cassette swivel.
Baracuda G3 is patterning	Add return diverters or divert return inlets downward. Lay hose in a straight line in the sun to relax memory. Confirm proper hose length - add 1 to 2 hose sections.
Baracuda G3 isn't covering opposite end of pool	Add return diverters or divert return inlets downward. Use flow to move cleaner to opposite end. Move hose weight away from cleaner head slightly. In deep pools add additional weight.
Baracuda G3 stuck at steps	Utilize return flow (see adjustments). Confirm proper hose length. Adjust flow to cleaner. Adjust hose weight.
Baracuda G3 stuck under ladder	Install ladder guard (PN 24000).
Baracuda G3 flips over	Contact tech services for local warranty station.
Baracuda G3 won't climb walls	Cleaner may not climb walls of some vinyl pools. Use Pool Pulse™ and raise flow. Confirm proper hose length. Adjust hose weight.
Baracuda G3 doesn't move	Use Pool Pulse [™] to insure proper flow. Clean baskets & filter. Check diaphragm for damage. Check hose sections for leaks by lifting each section above water.
Baracuda G3 won't leave edge or rim of pool	Use Pool Pulse [™] to lower flow. Utilize return flow to move cleaner. Adjust hose weight.
Solar blanket installation	Coverage will be limited due to blanket.

Note: In cold water of 60° or less, water flow through the Baracuda G3 must be increased to compensate for the reduced flexibility of the hose and diaphragm.

IF ASSISTANCE IS REQUIRED, CALL 1-888-786-7797



PARTS DIAGRAM



LET US HELP! BARACUDA® G3™

If you are having a coverage problem you cannot solve, mail or fax us the following information along with a sketch of your pool shape indicating the location of all skimmers, vacuum lines, inlets, stairs, ladders, swimouts, spas, waterfalls, filter systems or other significant features and a brief description of the problem.

MAIL TO: ZODIAC POOL CARE, INC.

2028 N.W. 25th Avenue, Pompano Beach, FL 33069 or fax to: (954) 977-5065

CUSTOMER NAME:					TELEPHONE NO.: ()								
ADDRESS:													
CITY:				STATE/PRC	VINO	CE:	Z	IP/POS	STAL (CODE:			
SERIAL NO.:					_ PURCHASED FROM:								
POOL SURFACE (circle one): CONCRETE VINYL FIBER		FIBERGL	RGLASS OTHER:										
POOL SIZE:				_ PUMP SIZE (H.P.):									
FILTER (circle one):	SAND	D.E.	CAR	ΓRIDGE		FILTER S	SIZE (o	r Mode	l No.)				

ZODIAC POOL CARE, INC.

2028 N.W. 25th Avenue Pompano Beach, FL 33069 1-888-786-7797 http://www.baracuda.com