



*The best pool cleaning system in the world*

---

## **Basic Troubleshooting Tips For 1994 and Current Model of Kreepy Krauly Inground Pool Cleaner**

---

### **If Kreepy Krauly is not moving or not pulsating.**

- Check to ensure that the main drain and all suction lines are closed, except for the suction line to which Kreepy Krauly is attached.
- Check for a tight connection between the hose and the suction line to which Kreepy Krauly is attached.
- Check for debris in the filter or pump basket.
- Make sure the pump has a good prime.
- Pool pump and filter system may be too small. The system must be capable of providing 14 gallons per minute of water flow.
- Check for debris in Kreepy Krauly's flapper.

### **If Kreepy Krauly slows or stops and air bubbles enter the pool at the return line.**

Find and correct the air leak that is causing the pump to lose its prime:

- Check the hose to ensure there are no leaks.
- Check the vacuum connection. It should be submerged so no air enters the system.
- Check the Vac Plus II vacuum plate. It should be firmly seated over the skimmer basket and held underwater by the locking bar.
- Check the pump basket lid for looseness, cracks, and worn or missing O-rings.
- Make sure the water level in the pool is adequate so that the skimmer does not pull air into the system.

### **If Kreepy Krauly stays in one end of the pool.**

- Check the return line water flow and re-direct as necessary with an eyeball diverter.

- Check that the hose is long enough to reach the end of the pool. Kreepy Krauly requires 3 feet of slack.
- Check that Kreepy Krauly has proper hose balance.
- Check the hose for bends or kinks.

**If Kreepy Krauly stays on the main drain.**

- Check to ensure that the main drain is closed.
- Check to ensure that a main drain grate is installed.
- For 7-5/8" domed, anti-vortex main drains, use a Hayward main drain guard (part number HW SP1048 AJH).
- If the main drain is raised or not flush with the pool floor, adjust the hose weights. Move the first and second hose weight away from the Kreepy Krauly's head **an additional 6-12" from the current position**. This will force the seal to lift enough to allow the Kreepy Krauly to move over the main drain.

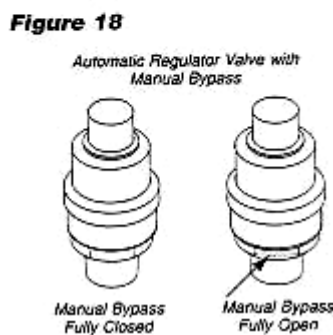
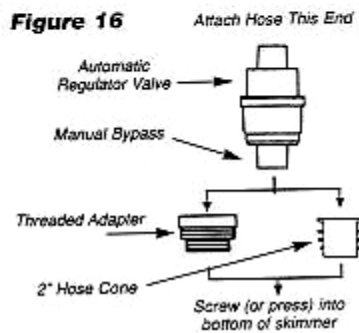
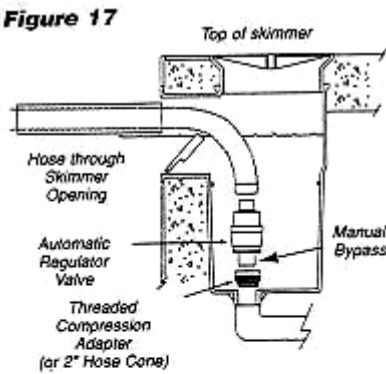
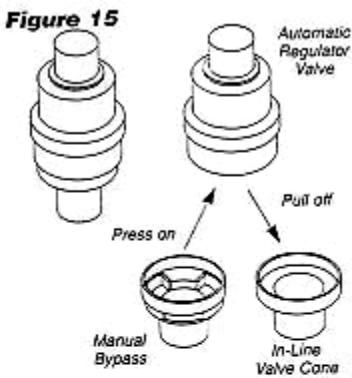
**It is imperative that the hose weights are in the proper position *before* moving them the additional 6-12".** See Table A for proper hose weight positioning.

<b>TABLE A - Proper Hose Weight Positioning</b>	
<b>Pool depth</b>	<b>Weight Placement</b>
4 feet or less	1 weight: 4 to 12 inches from Kreepy Krauly's swivel head.
More than 4 feet, but less than 7 feet	2 weights: one 4 to 12 inches and one 6 feet from the swivel head.
More than 7 feet, but less than 12 feet	3 weights: one 4 to 12 inches, one 6 feet and one 10 feet from the swivel head.
More than 12 feet	4 weights: one 4 to 12 inches, one 6 feet, one 10 feet, and one 12 feet from the swivel head.

**If the 1994 model Kreepy Krauly is moving too fast.** (This solution does not apply to 1993 or earlier models.)

In most pools, the Vac Plus II automatic regulator valve supplies Kreepy Krauly with the proper amount of water flow. However, if used with an especially powerful pool pump, the valve can be overpowered.

To slow Kreepy Krauly down, a manual bypass accessory is available for the automatic regulator valve. This manual bypass can be adjusted to achieve the recommended cleaner speed of 8 to 12 feet per minute. **NOTE: The manual bypass *cannot* be used with the Vac Plus II vacuum plate and *cannot* be used in an in-line installation.**



- To decrease the speed of Kreepy Krauly, simply remove the in-line valve cone from the bottom of the automatic regulator valve and replace it with the manual bypass as shown in Figure 15.
- Press the automatic regulator valve into the threaded compression adapter (or 2" hose cone if required). The end of the valve that is marked "attach hose this end" must point up. See Figure 16.
- Place Kreepy Krauly 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.
- Insert the hose through the skimmer

opening and push it onto the automatic regulator valve. See Figure 17.

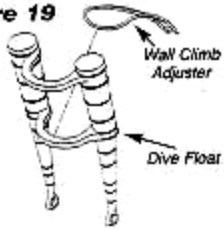
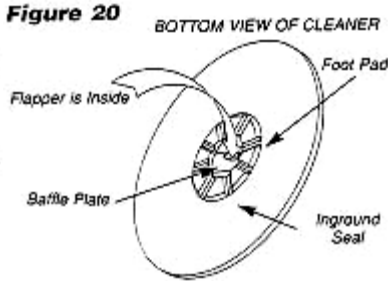
- Slide the hose protector into position on the hose to prevent the hose body from rubbing against the skimmer opening. See Figure 17.
- Adjust the manual bypass while the Kreepy Krauly is running. Place your hand down into the skimmer and turn the bypass adjuster one click at a time until the desired speed of 8-12 feet per minute is reached. See Figure 18.

### **If Kreepy Krauly pulls air from, or remains at, the water surface.**

- Check to ensure the dive float mechanism is operating freely and the dive float restrictor is installed.
- Check the automatic regulator valve for its proper installation and ensure it is not clogged with debris.
- Make sure the pool's water level is not too high because the unit will travel to the top of the water line and may pull air.
- Check to ensure the unit is operating at the proper speed of 8 to 12 feet per minute.

### **If Kreepy Krauly stays at the shallow end or steps.**

- Check the return line water flow and re-direct as necessary with an eyeball diverter.
- Check the automatic regulator valve for its proper installation and ensure it is not clogged with debris.
- Check that hose is long enough to reach to the furthest point of the pool, including pool steps.
- Check that Kreepy Krauly has proper hose balance in the shallow end.
- Check to ensure your Kreepy Krauly is operating at the proper speed of 8 to 12 feet per minute.

**Figure 19****Figure 20**

- Check to ensure the dive float mechanism is operating freely and the dive float restrictor is installed.
- Shorten the roller bumper strap by 3/4 inch. (Pull out upper end of bumper strap and cut 3/4" off, then return bumper strap into locking end clip.)

### **If Kreepy Krauly tracks in a repetitive pattern.**

- Check the swivel on the top of the unit. It should turn freely.
- Check the return line water flow and re-direct as necessary with an eyeball diverter.
- Check the hose for bends or kinks.

### **If Kreepy Krauly gets stuck on pool obstructions such as a safety ledge, ladders, steps, swim-outs, benches, lights, return jets, etc.**

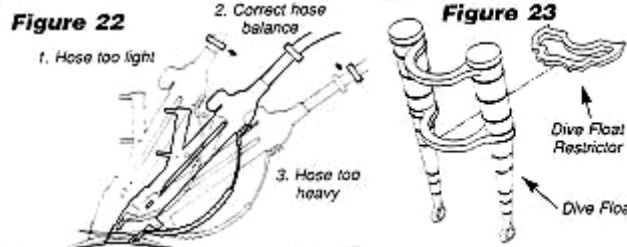
- Remove the dive float restrictor and install a wall climb adjuster in its place. Snap the wall climb adjuster into the lower U-shaped brace between the dive floats. This will keep Kreepy Krauly on the pool's floor and away from pool obstructions. Make sure the narrow end of the wall climb adjuster points down to the drive tubes. See Figure 19.
- If Kreepy Krauly gets stuck under the pool ladder, install a Ladder Guard according to the instructions contained in the packaging.

### **If Kreepy Krauly is still hampered by the unique characteristics of the pool, regardless of the adjustments we've provided:**

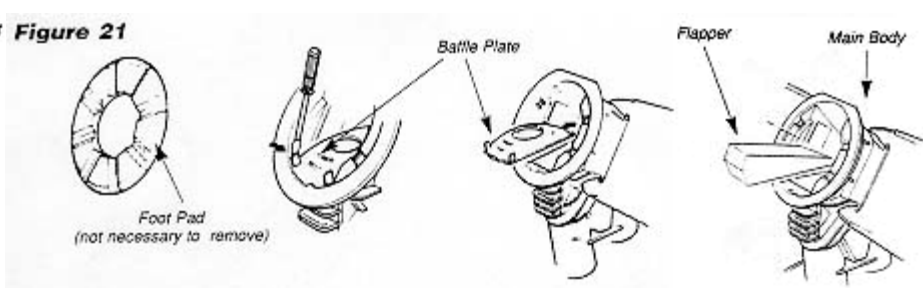
- Recommend that the pool owner purchases a Thruster. It improves random pattern coverage by automatically repositioning the hose to help free the cleaner from obstacles. Thruster keeps Kreepy Krauly out of tight spots in difficult-to-clean or uniquely-shaped pools.

### **TO REMOVE DEBRIS FROM THE FLAPPER**

- Sometimes debris may clog the bottom of the cleaner and prevent flapper movement or restrict flow. The flapper is located inside the main body and must move freely at all times.
- You can see the flapper through the opening in the baffle plate, when you turn the cleaner upside down as shown in Figure 20. Jiggle the flapper with your finger or flush the cavity with a hose to force out any debris lodged inside the main body.
- If debris is still lodged inside, lift the lip of the foot pad up and remove the baffle plate by either popping it up or removing the screw. Then pull the flapper out. See Figure 21. NOTE: You should be able to do this without taking the foot pad off.
- Once the debris is dislodged, place the flapper back into the main body and insert the baffle plate back into position. See Figure 21.



**Figure 21**



## TO BALANCE THE HOSE

To determine correct hose balance, turn the pump off and observe Kreepy Krauly. Hose balance is correct when the seal rests flat on the pool floor and the drive tubes make a 45° angle with the floor as shown in Figure 22.

Kreepy Krauly achieves the best cleaning coverage when the hose neither weighs down nor pulls up on the unit. Adjust hose weights one inch at a time as needed, until proper hose balance is achieved. In pools with both shallow and deep areas, adjust hose weights first in the deep area and then in the shallow.

1. **Hose too light.** If the hose rises toward the surface at an angle greater than 45° , move the weights closer to Kreepy Krauly, or move the first two weights closer to each other.
2. **Hose too heavy.** If the hose sags downward at an angle less than 45° , move the weights away from Kreepy Krauly, or separate the first two weights farther from each other.

## TO CHECK THE HOSE FOR BENDS OR KINKS

It only takes one bent or kinked hose section to hinder the cleaning coverage. Check the hose to ensure it has not become bent or kinked. (do not coil the hose. It will retain the coil shape and hinder the cleaning coverage.) One way to check for kinks in your hose is to disconnect each hose and lay it flat on your pool's deck (or other flat surface) and look down the length of the hose. The hose should be perfectly straight and flat. If bends or kinks are present, replace the hose sections.

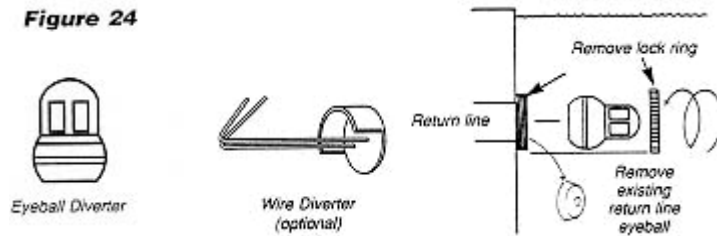
## TO INSTALL THE DIVE FLOAT RESTRICTOR

Snap the dive float restrictor into the lower U-shaped brace between the dive floats. Make sure the locking tabs on both sides of the dive float restrictor snap securely into place. See Figure 23.

## TO INSTALL THE EYEBALL DIVERTER

The water flow from the return line can push Kreepy Krauly's hose and affect its performance. It may cause the unit to steer away from the end of the pool where the return line is located, or it may cause Kreepy Krauly to remain in one section of the pool.

To correct this, use the eyeball diverter included with the Kreepy Krauly. (If the eyeball does not fit the pool, use the wire diverter accessory.)



- **Turn the pool pump off.**
- Remove the original eyeball from the return line by unscrewing the lock ring.
- Replace the original eyeball with the Kreepy Krauly eyeball diverter.
- Replace the lock ring and tighten. Make sure the opening of the eyeball diverter points in the proper direction before tightening fully.

## EYEBALL DIVERTER POSITIONS

Position the diverter opening to redirect the return line water flow so it does not interfere with Kreepy Krauly's movement. Try different positions to see which works best :

- Flow directed along the side of pool or tile line.
  - Flow directed downward.
  - Flow directed against the hose. This will help steer Kreepy Krauly *away* from obstructions such as stairs and ladders.
-