

POOL ROVER ST POOL CLEANER

Installation Instructions



A. ASSEMBLY

FIG 1 - Place the seal over the top of the pool cleaner body and slide it down to the 'mouth'.

FIG 2 - Secure the seal beneath the flange at the bottom of the body.

FIG 3 - Assembled.



FIG 1

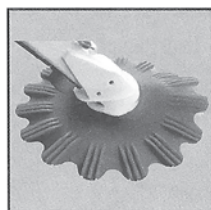


FIG 2

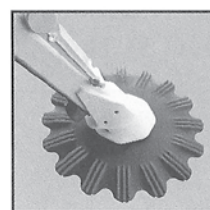


FIG 3

B. INSTALLATION

Having assembled the pool cleaner, installation into the swimming pool follows.

NB:- Make sure both the skimmer and pump baskets are emptied of any debris. The pool filter should also be cleaned on a regular basis, to ensure maximum pool cleaner efficiency.

FIG 4 - Join the hoses securely together. The length with the Inline Valve Adaptor attached, is the last one to be assembled. It connects into the female side of the Inline Valve.

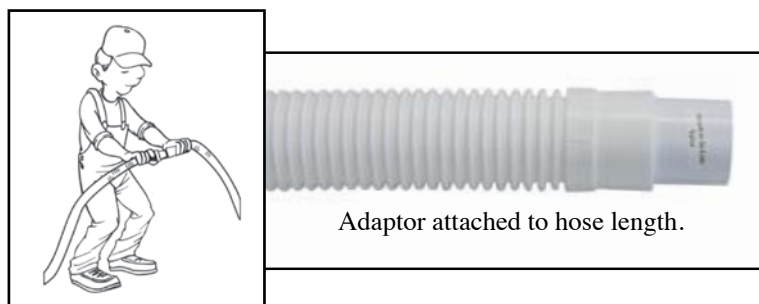


FIG 4

FIG 5 - Correct hose length. From the suction point or skimmer box, use enough hose sections to reach the furthest position in the pool. The hose should reach this point, plus one length or section.

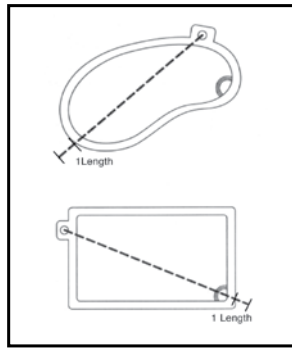


FIG 5

FIG 6 - Place the hose weight on the sectioned hose, 500mm to 1 metre from the pool cleaner. If the weight is not correctly placed, the following may occur.

NB:- The pleated seal must lie flat on the pool's surface.

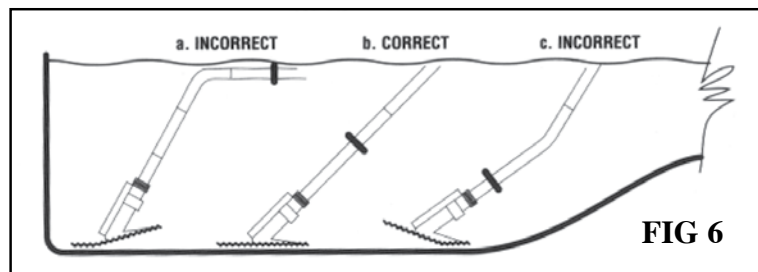


FIG 6

- a) Hose weight to far - Pool Cleaner floats
- b) Hose weight - Correct position - Perfectly balanced
- c) Hose weight to close - Pool Cleaner falls backwards

FIG 7 - Attach the female side of the sectioned hose onto the swivel connector at the top of the pool cleaner.

FIG 8 - Attach the required length of hose to the pool cleaner, making sure there is one length extra (see FIG 5). Drop the pool cleaner into the pool.

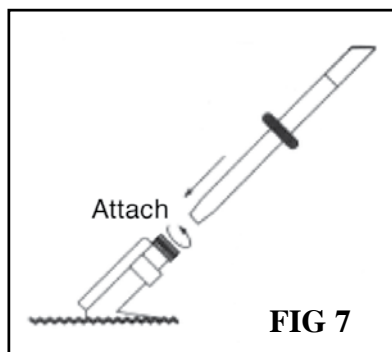


FIG 7



FIG 8

FIG 9 - Place the open end of the suction hose, with the Inline Valve Adaptor attached, over the return to pool water inlet. The water flow will push the air out of the suction hose.

MOST IMPORTANT - The pool cleaner will not work unless the suction hose is full of water. Remember, the pool cleaner works on water flow not air flow.

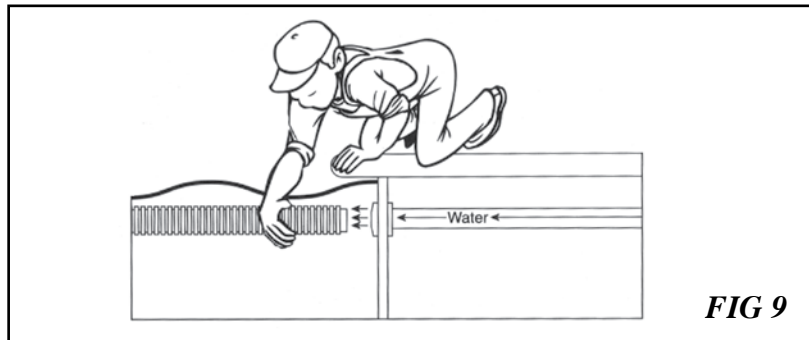


FIG 9

FIG 10 - The in line regulator valve - this item is used to regulate the flow of water through the pool cleaner. It requires a specific flow of water, the valve allows the surplus water to bypass the pool cleaner.

The valve is supplied at its lowest suction setting. If the pool cleaner does not work effectively at this setting, adjust the valve by changing the position of the springs. One notch at a time, to achieve normal movement of the pool cleaner.

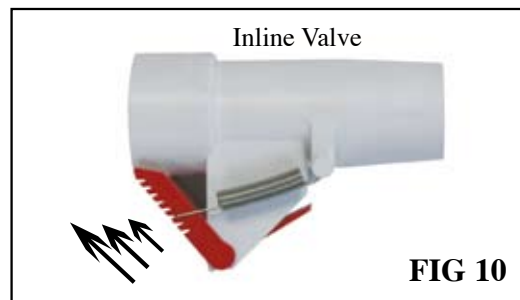


FIG 10

FIG 11 - The hose length with the adaptor attached, previously filled with water (see FIG 9), is connected firmly to the Inline Vacuum Relief Valve. The valve is connected to the a 90° elbow and flange, which is then connected to the skimmer box vacuum plate, through the mouth of the skimmer box.

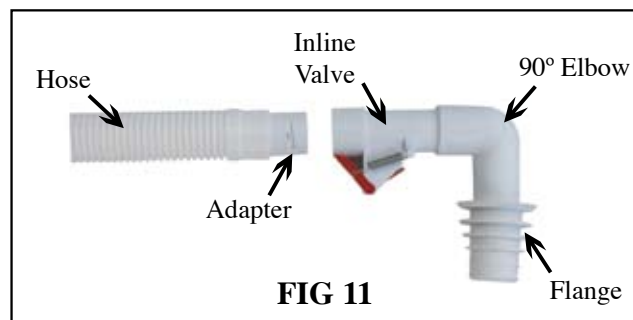
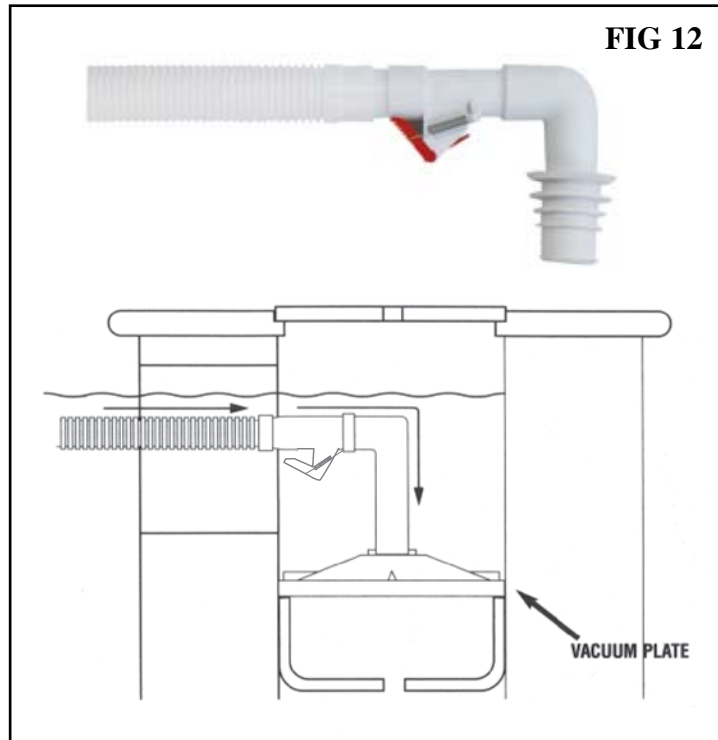


FIG 11

FIG 12 - The elbow, with the in line regulator valve attached is connected to the skimmer box vacuum plate. The pool cleaner hose, previously filled with water (see FIG 9) is connected firmly to the open end of the regulator valve, through the mouth of the skimmer box.

IMPORTANT - Make sure the hose is securely connected to the in line regulator valve, to eliminate any suction leaks.



SWITCH THE POOL PUMP ON

THE POOL CLEANER IS OPERATING NORMALLY.

C. OPERATING THE POOL CLEANER

1. To obtain the maximum operating efficiency from your pool cleaner, make sure the skimmer and pump baskets are free of leaves and other debris. Backwash your filter at regular intervals, when required. As the filter accumulates dirt, the water flow slows down. This will affect the performance and movement of the pool cleaner.
2. Make sure the joins on the sectioned hose are tight and secure, to eliminate air leaks, which could affect the pool cleaner's performance.
IMPORTANT - The pool cleaner hose should be stored straight, when not in use. Do not coil the hose, as this will create a memory in the hose which will affect the pool cleaner's random movement around the pool.
3. Chemicals - The use of chlorine, the most common sanitiser, could result in discolourisation and damage to the pool cleaner. In order to minimise these, make sure the pool is maintained at the correct alkaline, pH and chlorine levels. When a shock treatment is done on the pool water, remove the pool cleaner for minimum of 4 hours afterwards.

D. TROUBLE SHOOTING

Pool cleaner does not move or is moving very slowly.

- Debris caught in the pool cleaner body. Remove the hammer cover plate, slide the hammer out and remove debris. Replace hammer and plate and make sure it is moving freely.
- Check skimmer and pump baskets and remove leaves and other debris.
- Check pool filter. Backwash if necessary to improve water flow, which will increase suction on the pool cleaner.
- Check in line valve. Adjust spring settings.
- Check pool cleaner hoses to ensure there are no air leaks.

Pool cleaner moves a short distance before stopping.

- See 'Pool Cleaner doesn't move or is moving slowly' above.
- Pump suction too strong. In this situation the pool cleaner will either 'stick' to the pool surface, or move slowly, if at all. Reduce the flow of water through the pool cleaner by adjusting the springs on the in line regulator valve, so that it opens easier. Normal setting is on the 2nd slot.

Pool cleaner gets stuck in a particular spot in the pool.

- Adjust the hose length by adding or removing a section of hose.
- Make sure the return to pool water flow is not interfering with the movement of the pool cleaner.
- Attach a deflector ring on to the pool cleaner swivel. Re-attach the sectioned hose onto the swivel.

Pool cleaner does not climb the pool wall.

- Check skimmer and pump baskets and remove leaves and debris. Backwash the filter to increase water flow.
- Adjust the in line regulator valve to a higher setting to increase water flow through the pool cleaner.

Pool cleaner climbs out of the pool.

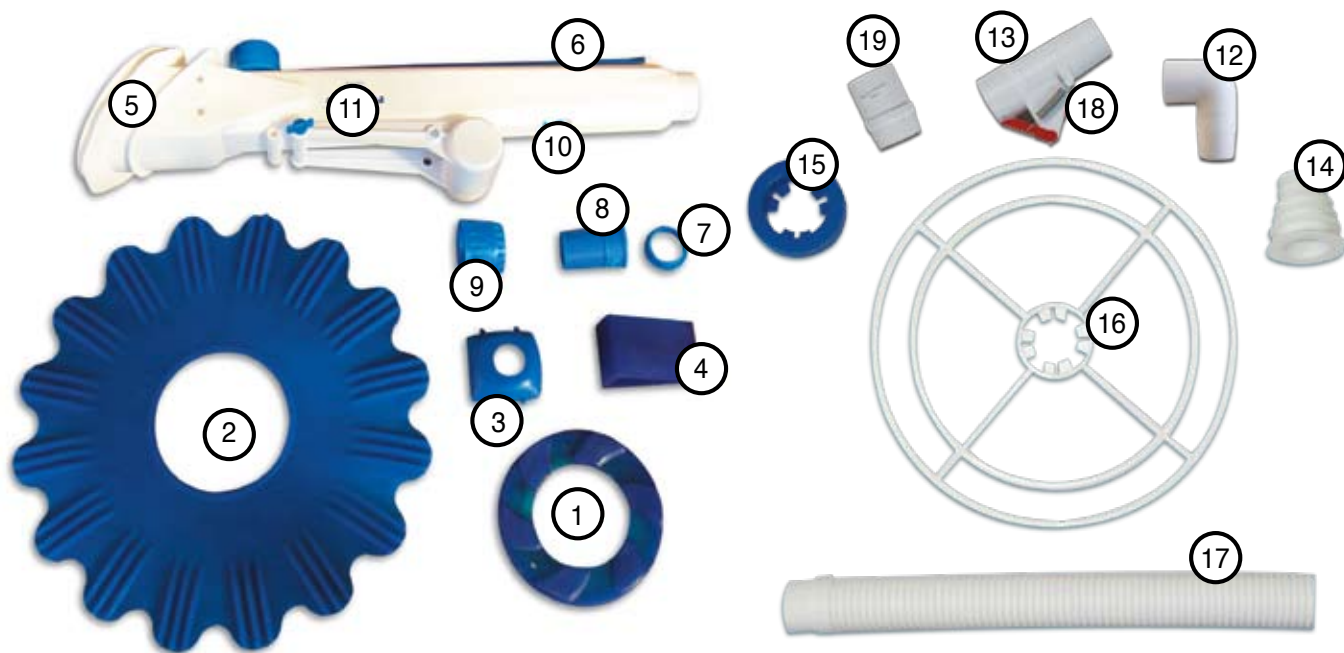
- Lower the setting on the in line regulator valve, to reduce water flow through the pool cleaner.

Pool cleaner moving in a set pattern.

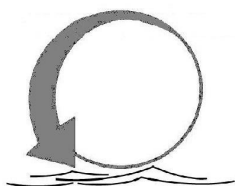
- Check hoses. Make sure they do not have a coil in them.
- Check pool cleaner swivel. Make sure it turns without restriction.



POOL CLEANER COMPONENTS



- | | |
|--------------------------|--|
| 1. Wear Foot | 10. Float Arm |
| 2. Pleated Seal | 11. Float Arm Screws - Plastic |
| 3. Hammer Cover Plate | 12. 90° Rubber Elbow - Connect to Vacuum Plate |
| 4. Hammer | 13. Inline Valve |
| 5. Main Body | 14. Rubber Flange - Connect to Vacuum Plate |
| 6. Bumper Strap | 15. Blue Hose Weight |
| 7. Rotation Insert | 16. Plastic Deflector Wheel |
| 8. Hose Connector Swivel | 17. Hose Length 1m |
| 9. Locking Nut | 18. Replacement Spring - Inline Valve |
| | 19. In Line Valve Adaptor |



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