

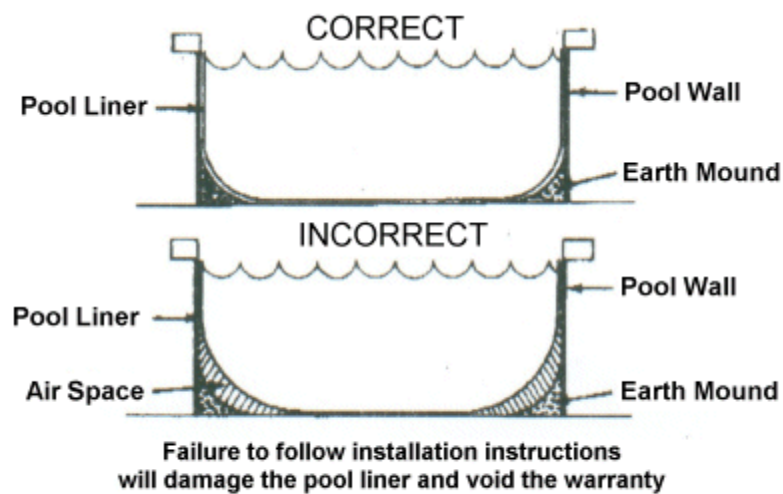
Pool Liner Installation Instructions

The pool liner IS NOT a structural part of the pool. Its function is to keep the water from leaking out of the pool. The water pressure is held by the pool wall and structural parts, not by the liner. The liner must be installed properly with all the areas touching the ground, earth mound, pool wall and not supporting the weight of the water, which will damage the liner.

Slight wrinkles appearing during the installation of a pool liner is natural. This is caused by an over allowance of vinyl material to void damage to the liner if shrinkage should occur.

Smooth out the floor of the liner by pushing it toward the pool wall. A soft broom will be helpful. Never forcefully pull or drag the liner.

DO NOT STRETCH YOUR LINER! THIS WILL AUTOMATICALLY VOID THE WARRANTY. (see illustrations below)



- Examine the liner to make sure there is no opening in the seam, before filling your pool
- Make sure that you put your earth mound around the bottom of the wall to protect the liner from touching the metal frame
- Lay out the liner inside the wall properly with all the areas touching the ground, earth mound and pool wall. Do not stretch your liner, see diagram above.
- Hang your liner over the wall making sure that there is no tension on the liner
- Follow instructions in your pool manual about how to set up the liner



ABOVE GROUND LINER INSTALLATION INSTRUCTIONS

RECOMMENDED ITEMS FOR PROPER INSTALLATION:

Items needed include: screwdriver, sharp nail or ice pick, tamping tool, industrial vacuum or household vacuum with filter bag removed, utility knife, 2 inch gray duct tape with non-asphaltic adhesive, masking tape & garden hose.

PREPARATION OF POOL BOTTOM

1. Spread a 2" layer of brick sand over the entire pool foundation area inside the base rails. Use a rake to make the sand flat and smooth. Tamp sand to help reduce foot prints. Instead of brick sand, you can use foam floor padding (Available through your swimming pool dealer). Cut the sheets to fit and join them with duct tape along the entire length of each seam.
2. With the brick sand, make a curved cove about 8" high and 8" wide all around the bottom of the pool wall on the inside. Pack firmly into shape. Pre-cast Styrofoam cove can also be used.

LINER INSTALLATION

1. Place the closed liner carton in the center of the pool.
2. Open the carton. To avoid damaging the liner, **DO NOT** use a knife or anything sharp to open the carton.
3. Unpack and unfold the liner and spread it out in the sun to warm up.
4. Inspect all seams for tears and surfaces for holes.
5. Spread out liner. The curved seam should be centered on the cove at the base wall. The other seams will form straight lines across the bottom of the pool. If seams appear to have flaps, check to see if correct side is up.
6. Smooth out all wrinkles in the bottom.
8. If you have a beaded liner, refer to the "**BEADED LINER INSTALLATION**" section.
9. Lift the sides of the liner and drape over the top of the pool wall.
10. Refer to "**OPTIONAL STEP TO ELIMINATE WRINKLES**" section or continue with **STEP 11**.
11. Start filling the pool with water. As the pool fills, work out wrinkles and smooth liner to the walls. Remove the plastic coping around the top edge of the wall one piece at a time and adjust the liner. Keep smoothing out the wrinkles.
12. Do not install face plates, inlets, light fixtures, etc. until water reaches 3" below each opening.
Premature installation might result in the liner tearing away from the opening due to stretching as the water level increases!
13. Proceed filling pool until water reaches desired level.

BEADED LINER INSTALLATION

1. Fasten the liner in place (**THIS STEP APPLIES TO BEADED LINER INSTALLATION ONLY!**).
2. Lift the sides of the liner and insert the beaded edge into the liner retainer on THE TOP EDGE.
3. Continue with **STEP 10**.

OPTIONAL STEP TO ELIMINATE WRINKLES

1. To remove air (which causes wrinkles) from behind the liner, insert a vacuum cleaner hose through the skimmer hole in the pool wall behind the liner from the outside of the pool. For the most efficient air removal, seal the area around the hose and the skimmer hole using cardboard and masking tape.
2. Turn vacuum cleaner on. While vacuum is running, you should be adjusting the liner with short tugs to eliminate wrinkles. If you have trouble shifting the liner into position, shut vacuum off for a few minutes. You should then be able to adjust the problem area before continuing with the vacuum suction.
3. Start filling the pool with water. The vacuum cleaner should continue to run until water level nears the top.
Make sure to keep vacuum cleaner hose above the water level at all times.
4. Continue with **STEP 12**.

UNI-BEAD SYSTEM SWIMMING POOL LINER INSTALLATION INSTRUCTIONS

This liner is made utilizing our **UniBead** Liner System. It can be used as a Beaded Liner in a pool that uses a Bead Receiver or as a J-Hook Liner in a pool that does not use a Bead Receiver. Please see the illustrations (**Fig. A** and **Fig. B**) showing a Bead Receiver or J-Hook design pool to determine how you will install this liner.

Warning: Failure to follow installation instructions will damage the pool liner and void the warranty!

Fig. A

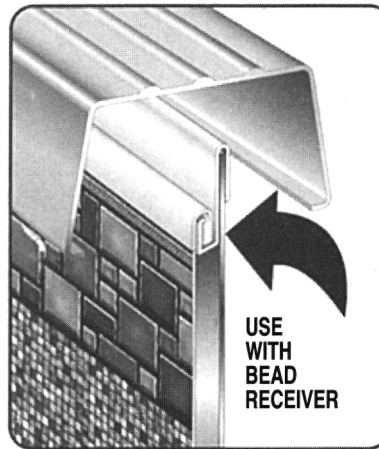


Fig. B

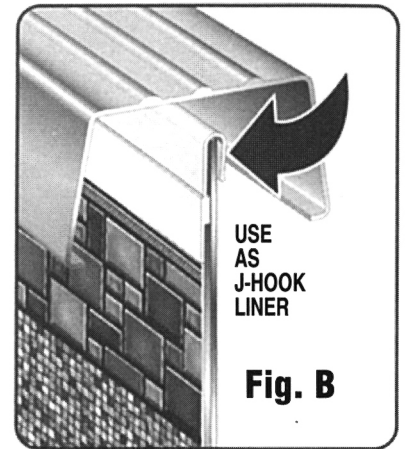
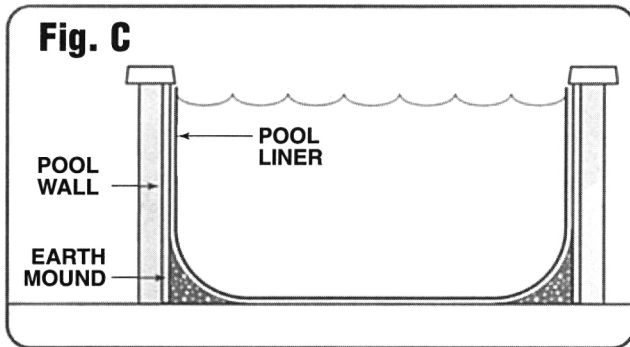


Fig. C



Make sure that you put an earth mound (6"x 6" wedge) or cove around the bottom of the pool wall to protect the liner from touching the metal frame. **See Fig C.** For either type of installation, unfold and orient the bottom of floor of the liner in the pool. If it is a rectangle pool, lay out the liner so that the floor of the liner is centered exactly top to bottom and left to right and that the corners line up exactly. In a round or oval pool, lay out the floor of the liner so it is centered exactly top to bottom and left to right. Smooth out the floor of the liner by pushing it toward the pool wall. A soft push broom will be very helpful. **Never forcefully pull or drag the liner.**

Fig. D

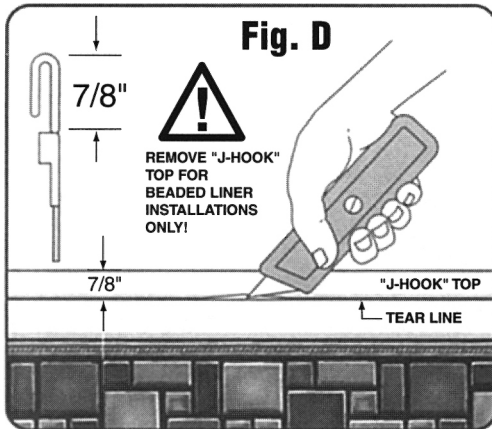
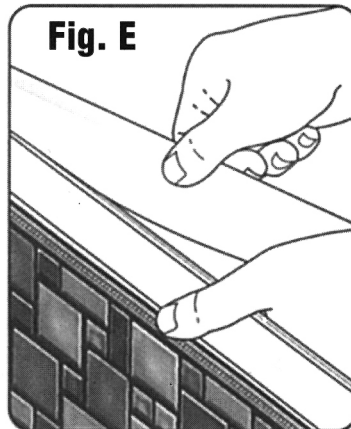


Fig. E



Note: To use with a bead receiver you must remove the J-Hook portion of the **UniBead** System. Using a Utility Knife, **CAREFULLY** make a small incision along UniBead Tear Strip just above rectangular bead, approximately 7/8" from the top of the bead. **See Fig D.** Then simply separate J-Hook section from Liner by tearing along tear line all the way around the liner. **See Fig. E.** Discard the separated J-Hook section. Install as conventional Beaded Liner. **See Fig. A.**

After you have determined which style you are going to use, you should refer to the instructions that came in your pool manual about setting up the liner in addition to these instructions because they will vary slightly from each manufacturer.

Now you are ready to attach the wall of the liner to the pool. You should attach the liner on the wall in about 6 or 8 places. If you have a rectangle pool, start with each corner. Then again in the middle of each straight wall. On ovals, start at the beginning of each radius in 4 places and then in the center of the two radius areas and straight sides. On round pools, begin at the 12, 3, 6 and 9 o'clock positions. Use masking or electrical tape, if necessary, to hold the liner in place. Make sure that you attach the wall perpendicular to the floor of the pool. Then, from any two positions, work the liner onto the wall to the center. Continue until you have the liner over the wall or in the bead receiver all the way around. If you do not attach the wall in this manner and begin from one location and work your wall completely around the pool, one of two situations will exist. Either you will have an excess of material or flap on the circumference of the wall or you will be short and have to stretch the material to make it fit. **See Fig. F.**

Fig. F

