

SAVE THESE INSTRUCTIONS

DEALER/INSTALLER: GIVE TO HOMEOWNER

MODEL #8100X

OUTSIDE SAFETY LADDER 48" TO 54"
FOR USE WITH CONFER PLASTICS IN POOL STEPS

**LADDER MUST BE ATTACHED TO POOL FRAME...
DO NOT USE WITH INFLATABLE POOLS
ASSEMBLY AND INSTALLATION MANUAL**



MADE IN THE U.S.A. by:

CONFER
plastics inc.

Model #8100X Outside Safety Ladder

ASSEMBLY INSTRUCTIONS - PLEASE READ BEFORE ATTEMPTING ASSEMBLY

Parts List

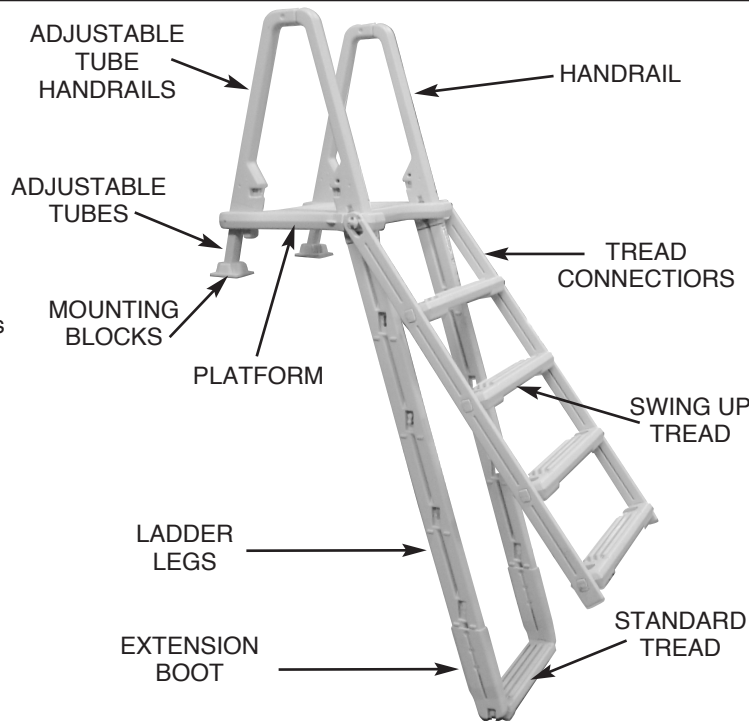
- 2 - Ladder Legs
- 2 - Tread Connectors
- 4 - Swing up Treads
- 1 - Standard Tread
- 2 - Extension Boots
- 1 - Platform
- 2 - Handrails
- 2 - Adjustable Tube Handrails

Hardware Pack

- 14- #10 x 1-1/4" screws
- 2 - Plugs (wg)
- 2 - 1/4 - 20 x 2" Bolts
- 2 - 1/4 - 20 Acorn Nuts
- 2 - Adjustable Tubes
- 2 - Mounting Blocks
- 4 - 1/4 - 20 x 2 1/4" Bolts
- 4 - 1/4 - Flat Washers
- 8 - 1/4 - 20 Hex Nuts
- 4 - 1/4 - 20 x 1" Bolts
- 1 - Padlock

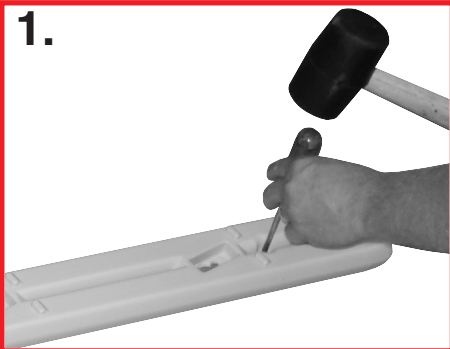
Needed for Assembly

- Rubber mallet
- Phillips screwdriver
- Adjustable wrench
- Liquid soap or lubricant
- Cordless Drill / Phillips Driver
- 5/16" Drill bit



If missing parts call - Toll free U.S. - 800-635-3213 or www.Conferplastics.com
For Use with Confer Plastics In-Pool Step

1.



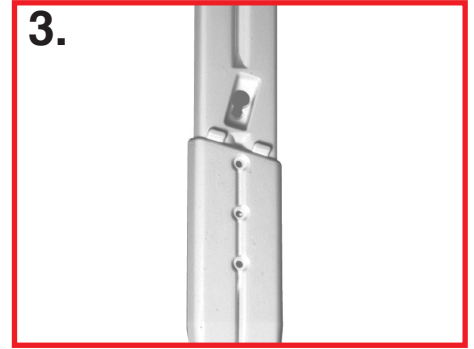
Place (2) two ladder legs on a flat surface. Using a Phillips screwdriver tap out the plastic film from the three holes on the bottom of each leg.

2.



Extension boots are not required if the outside height of your pool (measured from the ground to the top of the pool ledge) is 48" or less. If this measurement is more than 48" extension boots will be required. Using a Phillips screwdriver tap out the plastic film from the top hole on each side of the extension boots.

3.



Slip the (2) two extension boots over the ends of the ladder legs. They will need to be all the way on if the outside dimension is 52" and backed off one hole if the outside dimension is 54".

4.



Using two 1/4-20 x 2" long bolts and two acorn nuts fasten the extension boots to the ladder legs

5.



Slide (4) four of the swing up treads over the ladder legs as shown.



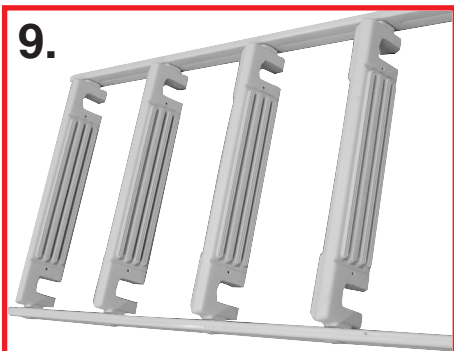
6. Stand the assembly up on edge and place the tread connector over the square ends on the (4) four treads. The large oval hole on the tread connector must be on the same end as the flat side on the ladder legs.



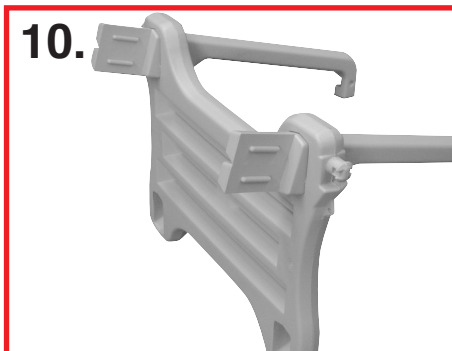
7. Using a rubber mallet tap the tread connector onto the square ends of the treads until they are firmly seated. A little liquid soap on the tread end will help.



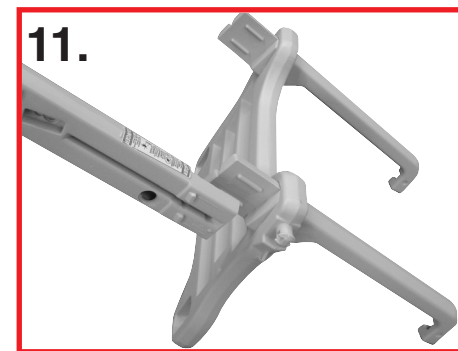
8. Flip assembly over and repeat step 7 to attach the second tread connector.



9. Separate the the swing up assembly from the ladder legs and set aside.



10. Slide (2) two handrails up through the bottom of the platform using the openings next to the round tabs. Leave the flat ends of the handrails exposed.



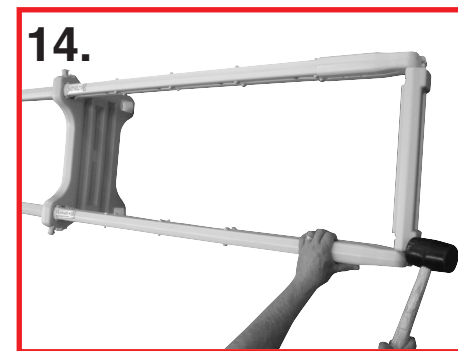
11. Overlap the flat end of the ladder leg onto the flat end of the handrail. Insert one of the $\frac{1}{4}$ - 20 x 1" bolt through the ladder leg into the handrail. Place one of the $\frac{1}{4}$ - 20 hex nuts into the recessed area on the handrail and tighten using a Phillips screwdriver. Install the second nut and bolt.



12. Attach the second ladder leg to the handrail by repeating step #11.



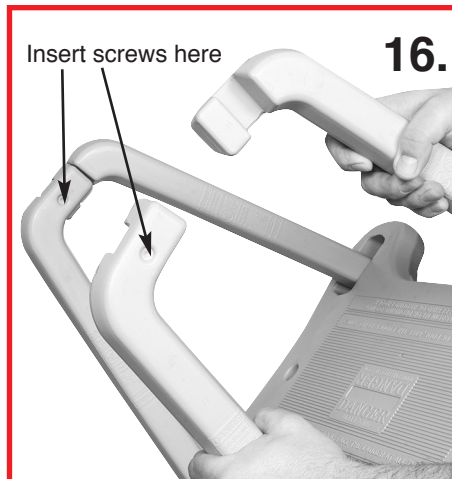
13. Stand the ladder up, using a rubber mallet tap the platform down until seated on the lugs on the ladder leg. **IT WILL REQUIRE SEVERAL HARD BLOWS WITH A RUBBER Mallet TO SEAT THE PLATFORM ALL THE WAY DOWN ONTO LUGS.**



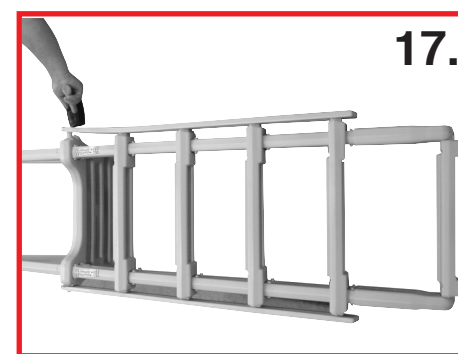
14. Attach the standard tread to the bottom of the ladder as shown.



15. Slide the (2) two adjustable tube handrails up through the bottom of platform until seated on the lugs.



16. Using a #10 x 1-1/4" screw fasten the upper ends of the handrails together as shown. Repeat for opposite side.



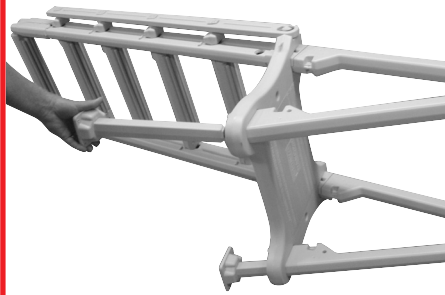
17. Flex the oval openings on the swing up assembly (from step #9) over the two round tabs on the platform. Using a rubber mallet tap down on the tread connector until seated over the round tab. **It may require several hard hits with a rubber mallet to get tread connector over round tabs.**

18.



Coat the adjustable tubes with a small amount of liquid soap and slide the tube up through the mounting block as shown.

19.



Slide the assembled tube/block assembly up into the open end of the adjustable tube handrail as shown. Ladder is now ready to attach to Confer Plastics In-Pool Step.

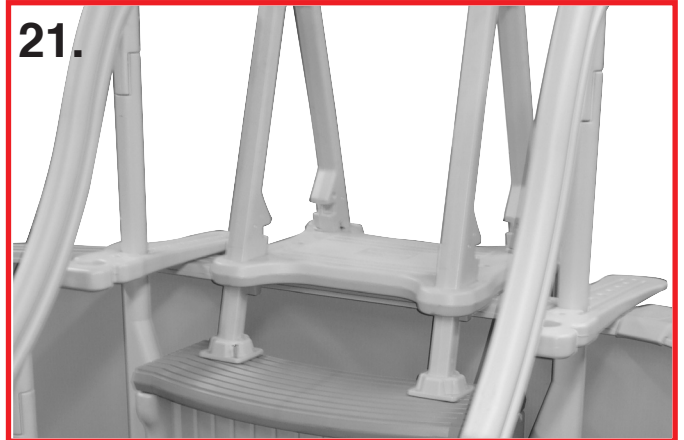
If your Confer pool step is not in the pool follow the step instructions and place in pool. **Choose a location for your Confer pool ladder/step combination that is in full view at all times. Always have adult supervision when pool is in use. Always swing up outside treads and lock when pool is not in use.**

20.



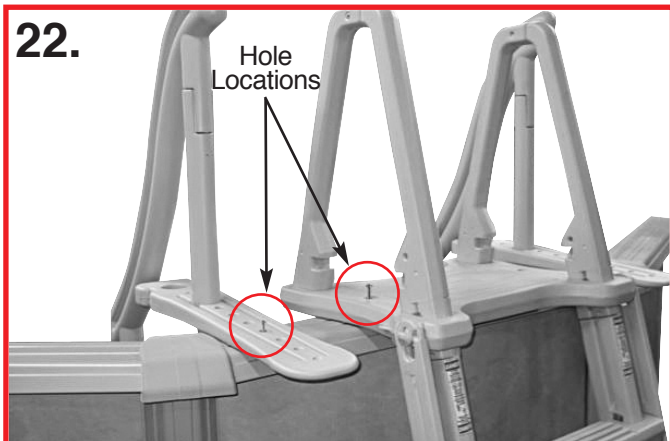
With the step in location place your 8100x ladder over the pool wall. Depending on the outside height of swimming pool ledge extension boots can be removed or slid up or down until the ladder platform is resting on top of the swimming pool top ledge. If necessary remove or add soil to raise or lower ladder. **The 8100x ladder platform must rest on top of the swimming pool ledge for support.**

21.



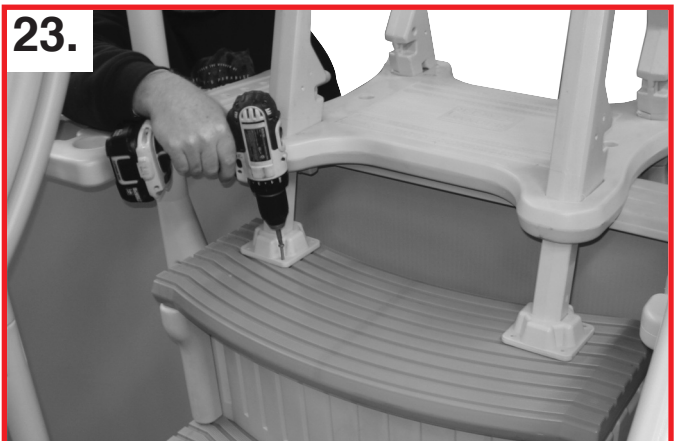
With the ladder in place and platform resting on pool ledge extend the adjustable tubes down until the mounting blocks are resting on the top tread of pool step. Next move the ladder in or out to position the platform mounting holes to the outside [away from pool wall] top of pool ledge.

22.



Pool ladder must be attached to swimming pool ledge. Mark the two positions on to the top ledge. Move the ladder away, check to make sure the hole locations are clear of pool wall and supports and drill two 5/16 holes through the top ledge. Fasten the ladder platform to the top ledge using two 1/4-20 x 2-1/4" bolts, flat washers and 1/4-20 hex nuts. Repeat to attach the two step deck connectors.

23.



Using a cordless drill/driver attach the two mounting blocks to the pool step using eight [8] #10 x 1-1/4" screws. Secure the adjustable tubes to the adjustable tube handrail at the pre-marked locations using two [2] #10 x 1-1/4" screws in each handrail.

IMPORTANT FOR YOUR SAFETY

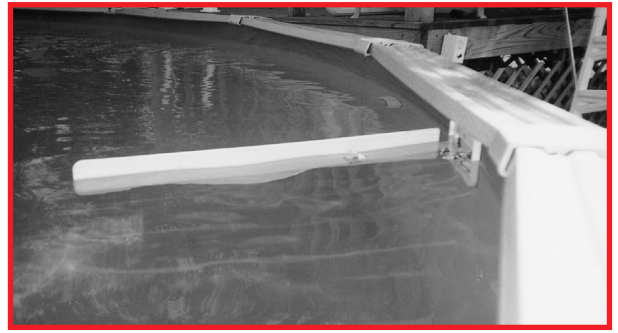
- * Check the contents of the carton with the Parts list for this ladder.
- * If any parts are missing call Toll Free U.S. - 800-635-3213 or visit our web site at www.confer-ladders.com
- * **DO NOT** attempt to assemble or install the ladder if there are **ANY** shortages of parts or hardware.
- * For proper assembly and installation follow all instructions in the sequence shown.
- * Before using the product, after assembly and installation, go over the instructions and procedures again to make sure nothing has been overlooked.
- * Be sure and safe. The manufacturer **IS NOT** responsible for improper assembly, installation and use.

SAFETY RULES

- * One person on the ladder at a time
- * Ladder **MUST** be installed per manufacturer's instructions
- * **DANGER:** No Jumping or Diving from ladder
- * Face ladder when entering and leaving pool
- * To prevent entrapment or drowning — **DO NOT** swim through, behind or around ladder
- * Ladder to be used as a swimming pool ladder only.
- * Weight limit - **300 lbs maximum**
- * **Warning:** Exceeding the maximum weight restriction may cause the ladder to fail.
- * Consult your local Building Department before installation of your pool and equipment.
- * **DANGER:** *Use a cordless drill for assembly and installation. Never use an electric drill in or around the pool.*

ADDITIONAL ACCESSORIES MAY BE PURCHASED

SKIM-IT (SKIMS OFF DEBRIS) - Cut cleaning time 75% with skimmer extension that guides debris directly into your skimmer. Fits most in-ground and above-ground pool skimmers. Corrosion-resistant plastic Skim-It installs in seconds without tools.



Order online at www.conferladders.com

CONFER PLASTICS, INC. FIVE YEAR WARRANTY

Confer Plastics, Inc. warrants their swimming pool ladders and steps to be free from defects in workmanship for five years from date of purchase.

DO NOT RETURN DEFECTIVE PART TO DEALER

E-MAIL CONFER PLASTICS AT: **LADDERS@CONFERPLASTICS.COM**
A PICTURE [S] OF DEFECTIVE PART, A BRIEF DESCRIPTION OF PROBLEM,
PROOF OF PURCHASE AND YOUR CONTACT INFORMATION.

INFORMATION MAY ALSO BE FAXED TO CONFER PLASTICS AT: **716-694-3102**
OR MAILED TO THE ADDRESS BELOW. UPON REVIEW OF THE INFORMATION YOU
WILL BE NOTIFIED IF PART IS COVERED UNDER THE WARRANTY AND
THE SHIPPING/HANDLING CHARGES.

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

Confer Plastics, Inc.
97 Witmer Road
North Tonawanda, N.Y. 14120-2421

MADE IN THE U.S.A. by:



CONFER
plastics inc.

97 Witmer Road
North Tonawanda, New York 14120-2421
Toll Free U.S. 800-635-3213
FAX 716-694-3102
www.conferladders.com

Printed in U.S.A.