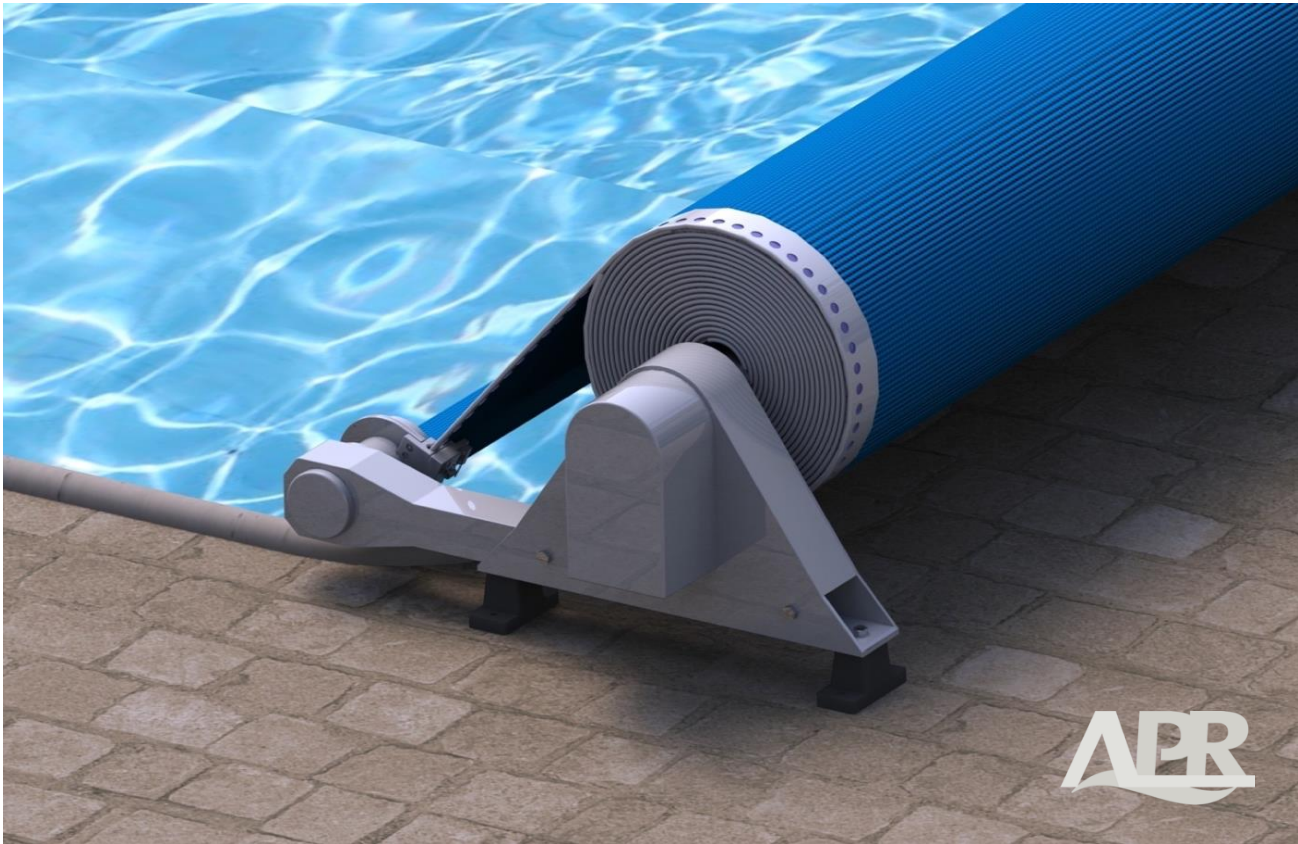




## MANUAL #2 - TRACTOR FEED STRIP INSTALLATION



The Auto Pool Reel has been designed to work with your solar blanket. With the addition of the patented Tractor Feed Strips on both edges of the pool cover, it will roll out onto the surface of the water and retract automatically.

**Please read Manual #1 - Operation and Safety Information before proceeding.**

# ASSEMBLY INSTRUCTIONS

**You must watch the video instructions. Failure to do so will result in damages and void your warranty**

**[Click here for complete Auto Pool Reel Assembly and Installation video instructions](#)**



**or**

If you don't have an electronic copy, type in your browser the URL below for the video instructions.

**[www.autopoolreel.com/APR-manuals.html](http://www.autopoolreel.com/APR-manuals.html)**

## **System Components and Preparations**

Prior to starting, ensure that you have two cartons. The first containing the A-Frame items and the second containing the tube set.

## **2 People Required**

It takes 2 people approximately 2 hour or so to assemble and set up your cover.

## **Watch the Videos**

It is recommended that you have your phone, tablet or laptop with you to watch the videos during assembly.



Click on YouTube Icon in each section below to see video instruction for each individual step

**Please follow these installation instructions carefully. Failure to do so may result in the Pool Cover not functioning properly with the Auto Pool Reel and may void your warranty. If these instructions are not followed properly you may damage the Tractor Feed Strips and/or your Pool Cover. If you are unable to properly complete this assembly please contact us at [techsupport@autopoolreel.com](mailto:techsupport@autopoolreel.com).**

# Parts List

**E**



**Tractor Feed Strips**  
2 pc

**hh**

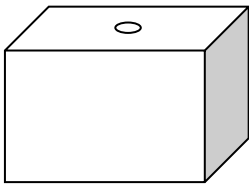


**Female Rivets**  
225 pcs  
(plus 30 spares)

**ii**



**Male Rivets**  
225 pcs  
(plus 30 spares)



**Rivet Block**

## Please Note:

- The Tractor Feed Strips and reinforcing rivets are to be fastened to the sides of your pool cover for use with the Auto Pool Reel.
- Your pool cover should be no more than 1 year old, with no visible holes, rips, frayed edges or corners and no visible indication of excessive use.
- Solar Blanket thickness should be between 12 and 16 mils (0.012" and 0.016"). Thinner Solar Blankets should not be used.
- Solar Blanket must be 5 ft longer than the length of your pool surface being covered (pool length) to operate and function properly with the Auto Pool Reel.
- Pool Cover Straps (not supplied) can also be used with the Tractor Feed Strips extending past the pool cover. If Pool Straps are used the Solar Blanket only needs to be the length of the pool surface being covered to fit onto the Auto Pool Reel.

# Tools Required



**Scissors**



**Pencil or Black Marker**



**Awl**



**Cordless Drill**



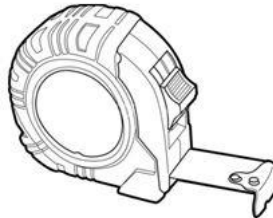
**Chalk Line**



**5/16" Drill Bit**



**Rubber Mallet**



**Tape Measure**

**Important: Safety glasses must be worn when using the cordless drill.**

## **Did you watch the video yet?**

You must watch the videos to ensure that each step is followed precisely. Failure to do so will result in damages and void your warranty.

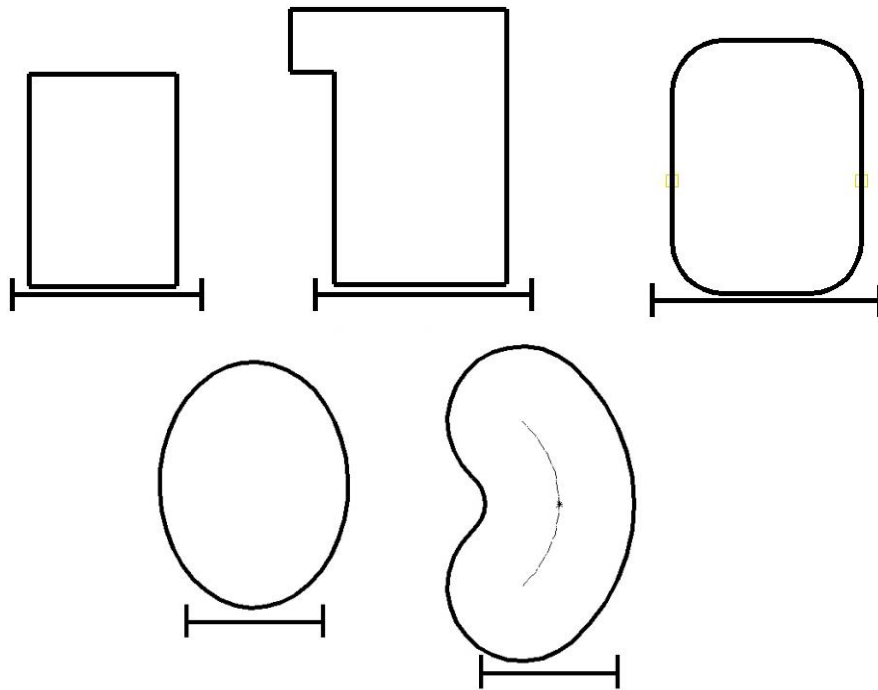
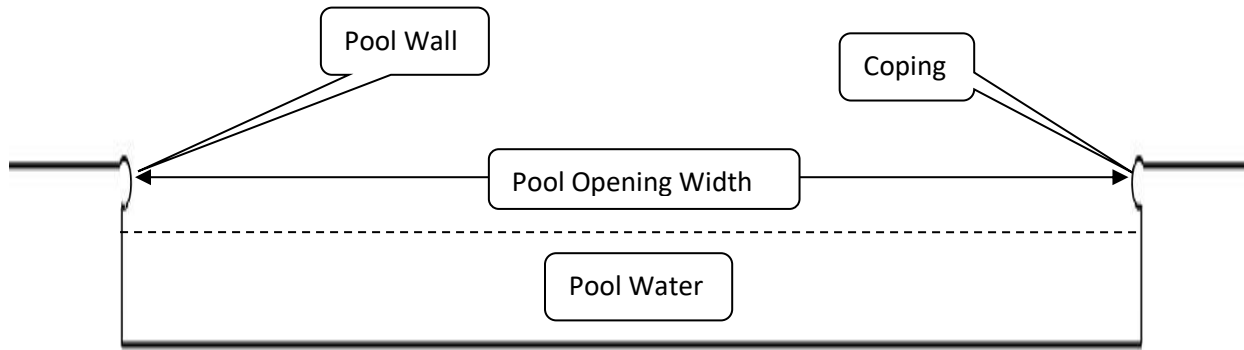


# Assembly

## Step 1: Cut your Pool Cover to size

1a) Measure the width of the pool at both ends and 3 mid locations. This measurement is from the coping to coping edge or pool wall to pool wall, whichever is less.

**Caution:** Typically pools walls are not straight or parallel to each other.



Pool Opening Width 1) \_\_\_\_\_

Pool Opening Width 2) \_\_\_\_\_

Pool Opening Width 3) \_\_\_\_\_

Pool Opening Width 4) \_\_\_\_\_

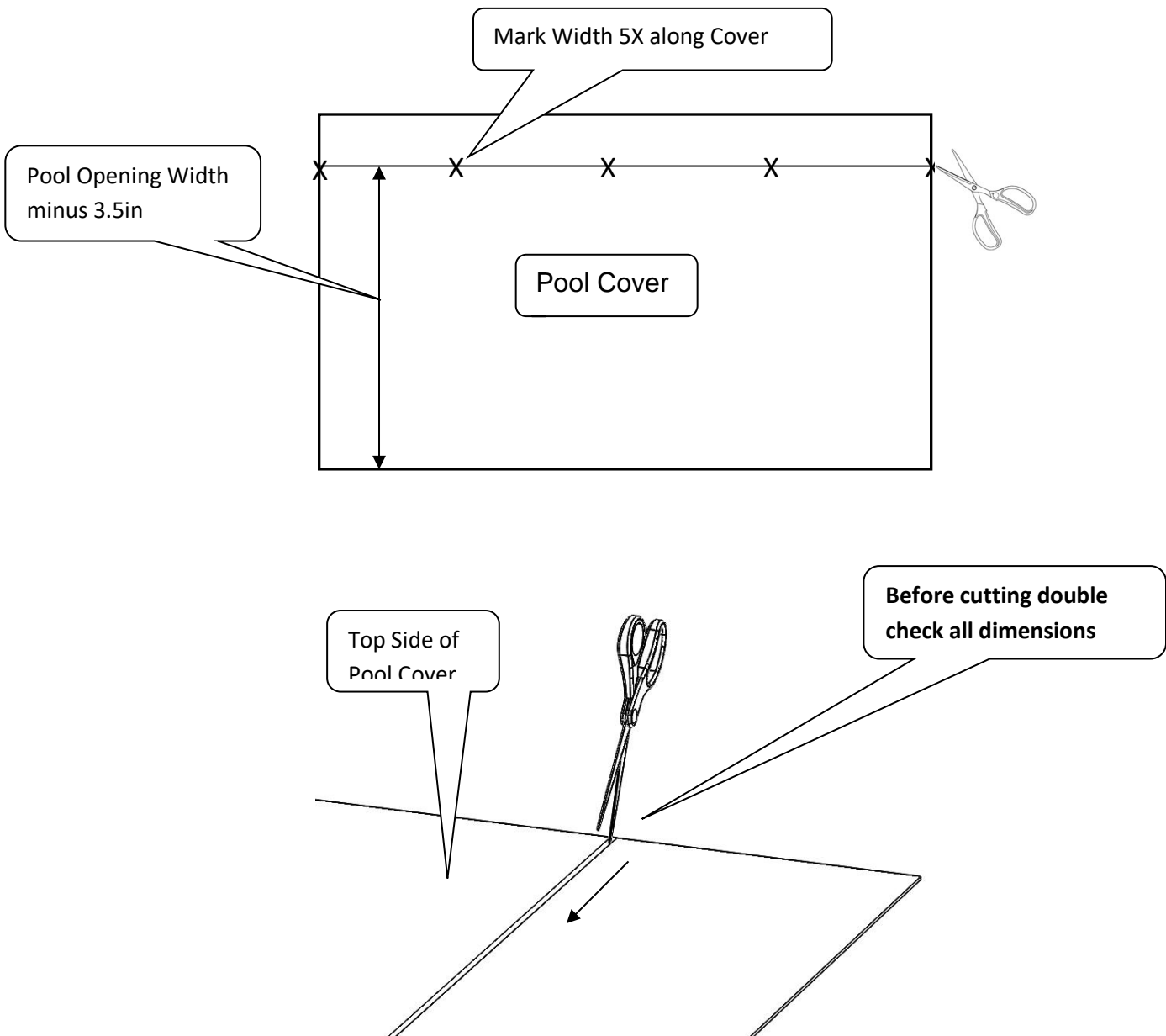
Pool Opening Width 5) \_\_\_\_\_

Using the **smallest width** measurement **subtract 3.5 inches or 8.9cm** and enter this measurement here:

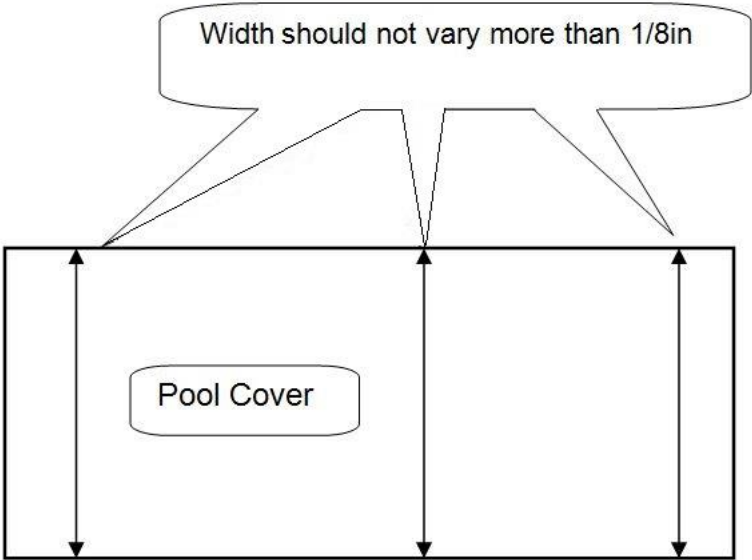
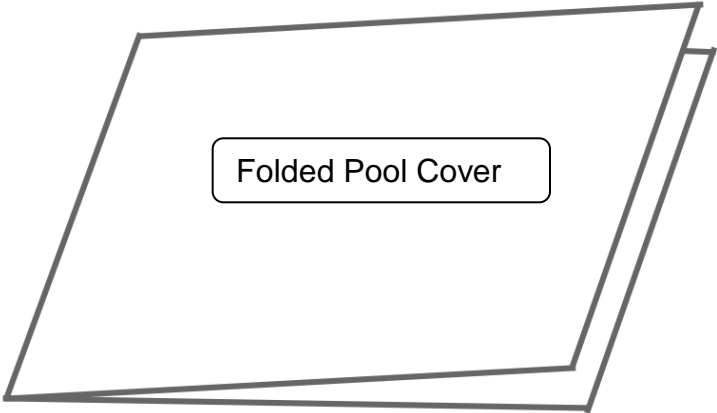
**Smallest Pool Opening Width minus 3.5 inches = \_\_\_\_\_ (Cut Width)**

1b) Cut the Pool Cover width to the **Cut Width** measurement recorded above. Use a chalk line to ensure the cut will be straight or fold the blanket in half using the **Cut Width** measurement divided by 2 and use the one edge (verify it is straight) as a straight edge and tape them together.

**Caution: If the Pool Cover width is not cut correctly the Auto Pool Reel may not run properly and may void your warranty. Both sides must be straight and parallel.**



1c) Once the Pool Cover has been cut verify the cut is straight by folding the blanket in half and aligning the uncut edge with the cut edge. Trim the cut edge if necessary to ensure it is straight.



If cut width varies more than 1/8 inch trim Pool Cover so width variation is no more than 1/8in.

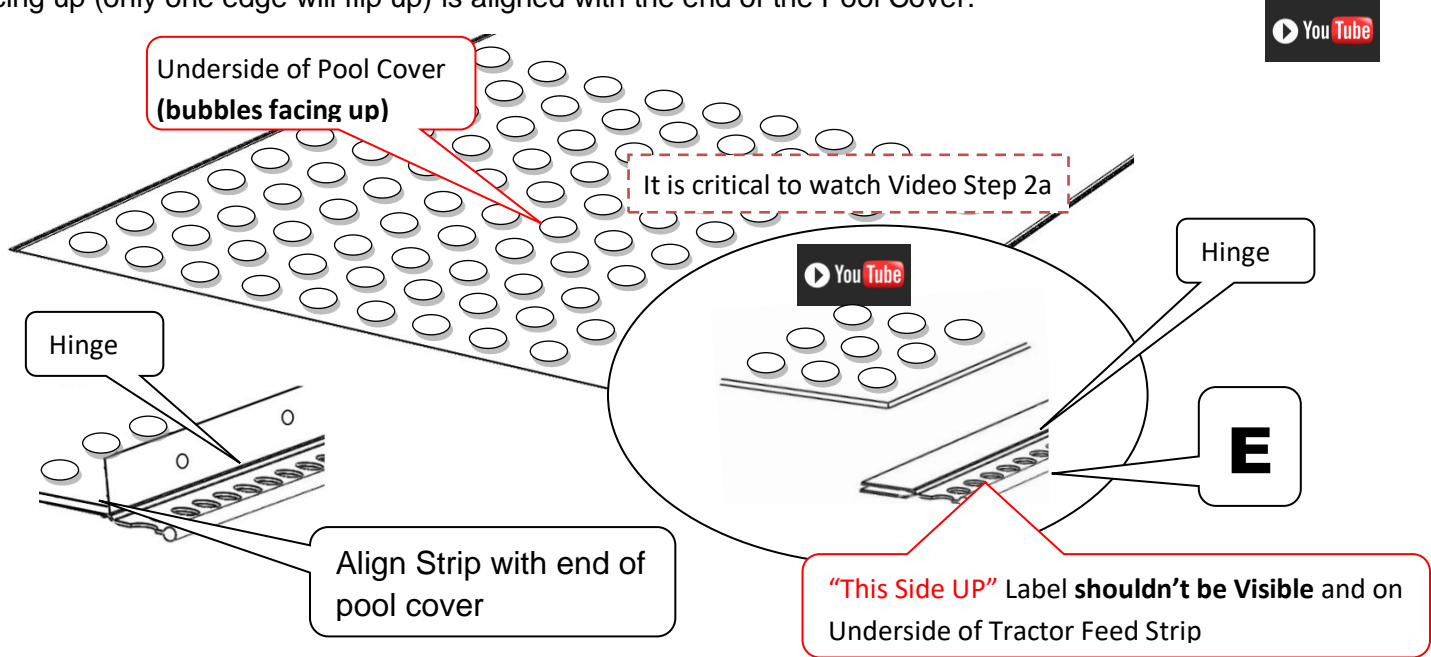
**Do not proceed if you have not watched the Video Instructions**  
Failure to do so will result in damages and void your warranty.



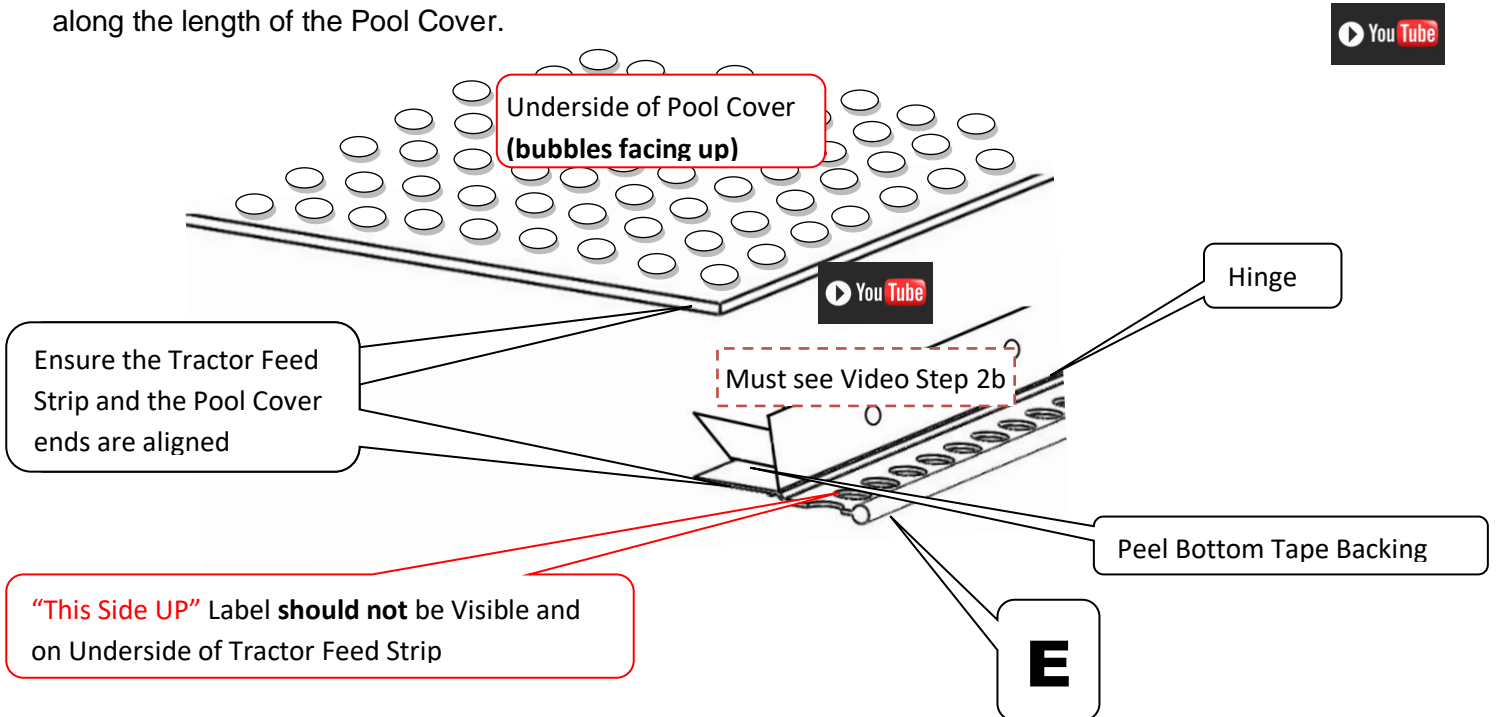
## Step 2: Install Tractor Feed Strips on Edges of Cover

This step is critical. Ensure the solar pool cover bubbles are facing up. If these instructions are not followed properly you may damage the Tractor Feed Strips and/or your Pool Cover. In that case, you may require new Tractor Feed Strips and Pool Blanket.

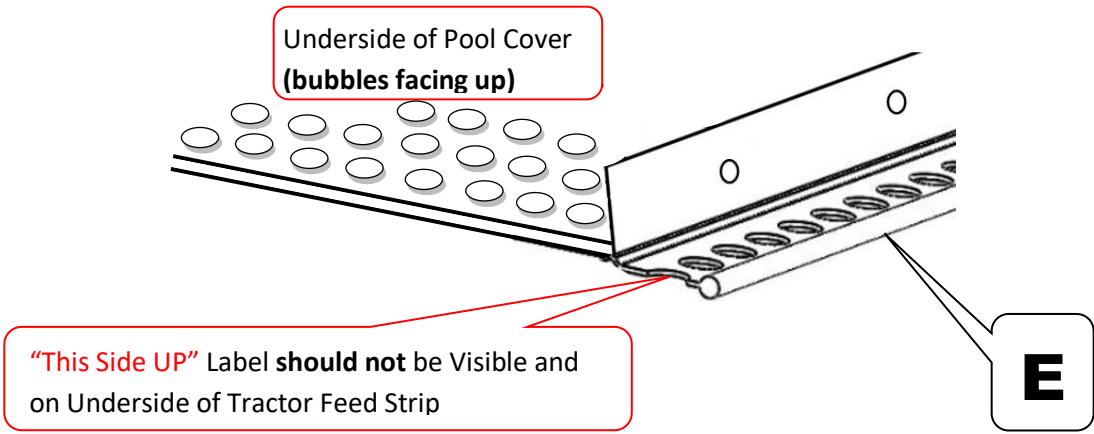
2a) Align one Tractor Feed Strip **E** to the side Pool Cover. The Tractor Feed Strip **E** with the hinge facing up (only one edge will flip up) is aligned with the end of the Pool Cover.



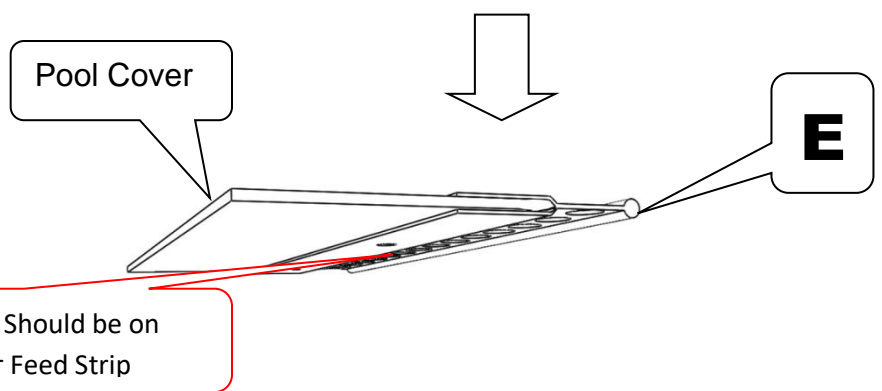
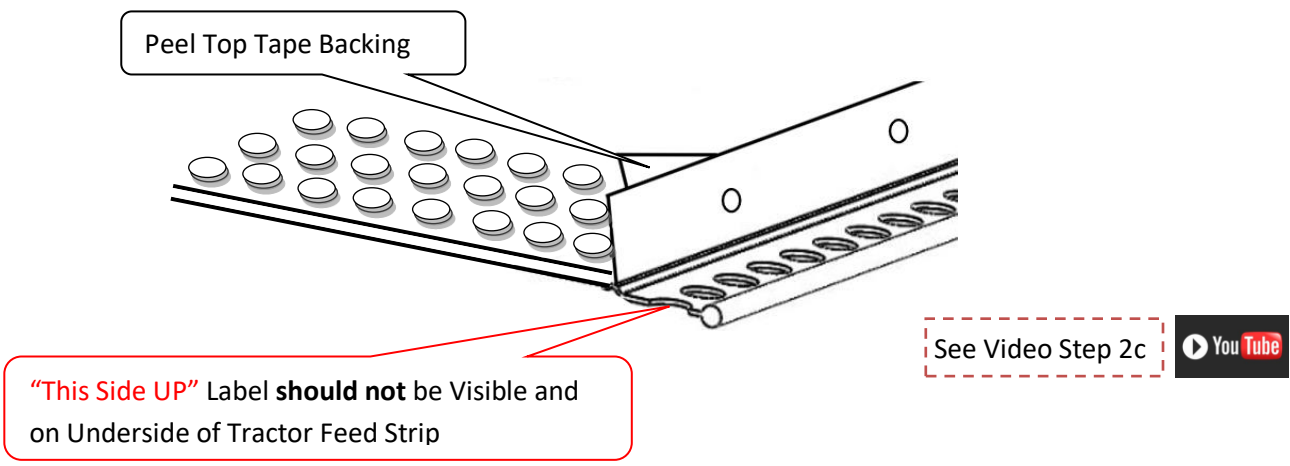
2b) Lift up the Tractor Feed Strip **E** at the hinge (only one edge will flip up) and insert the Pool Cover all the way into the Tractor Feed Strip **E**. Peel back the bottom tape backing for 3" ensure the Pool Cover does not move. While holding the assembled end of the Pool Cover and Tractor Feed Strip **E** pull the bottom tape backing slowly ensuring the Pool Cover is all the way into the Tractor Feed Strip **E** along the length of the Pool Cover.





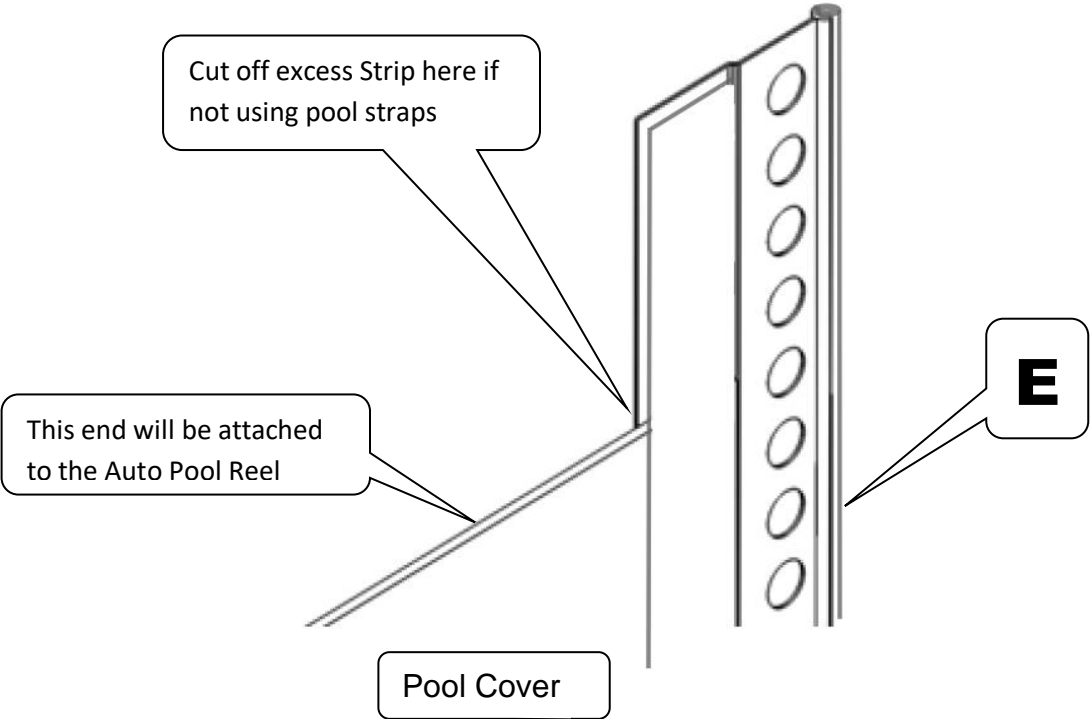
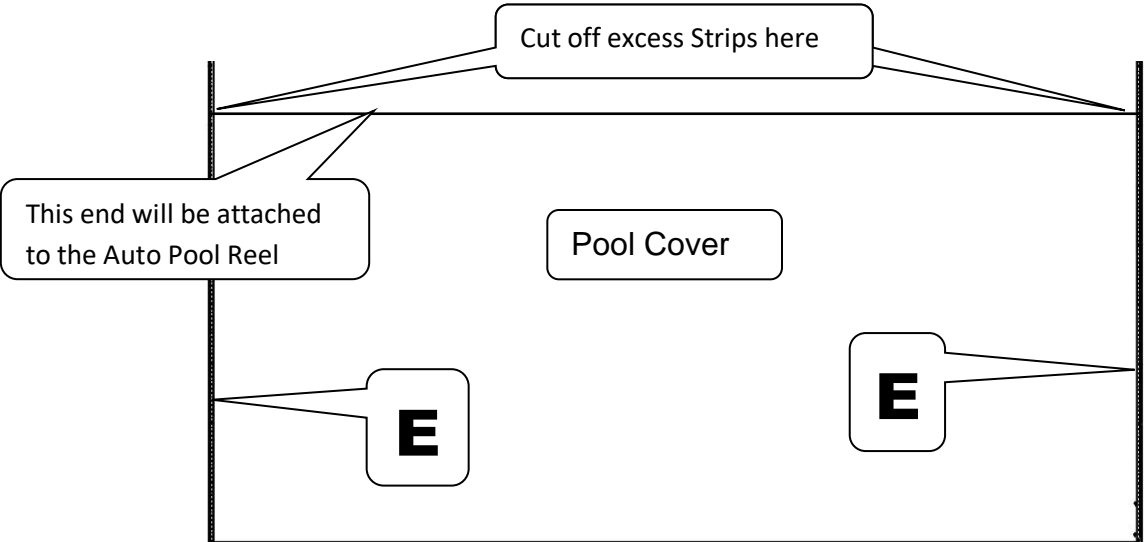


2c) Peel back the top tape backing of the Tractor Feed Strip **E** for 3", press the top of the Tractor Feed Strip **E** onto the Pool Cover. While holding the assembled end of the Pool Cover and the Tractor Feed Strip **E** pull the top tape backing and press the Tractor Feed Strip **E** down onto Pool Cover.



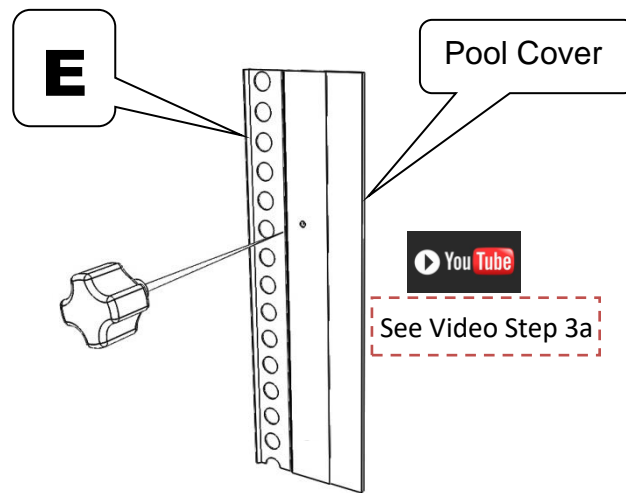
Attach the Tractor Feed Strip **E** on the opposite side of the Pool Cover by repeating the above procedure.

2d) Cut excess Tractor Feed Strip **E** material flush with the Pool Cover if not using pool straps.

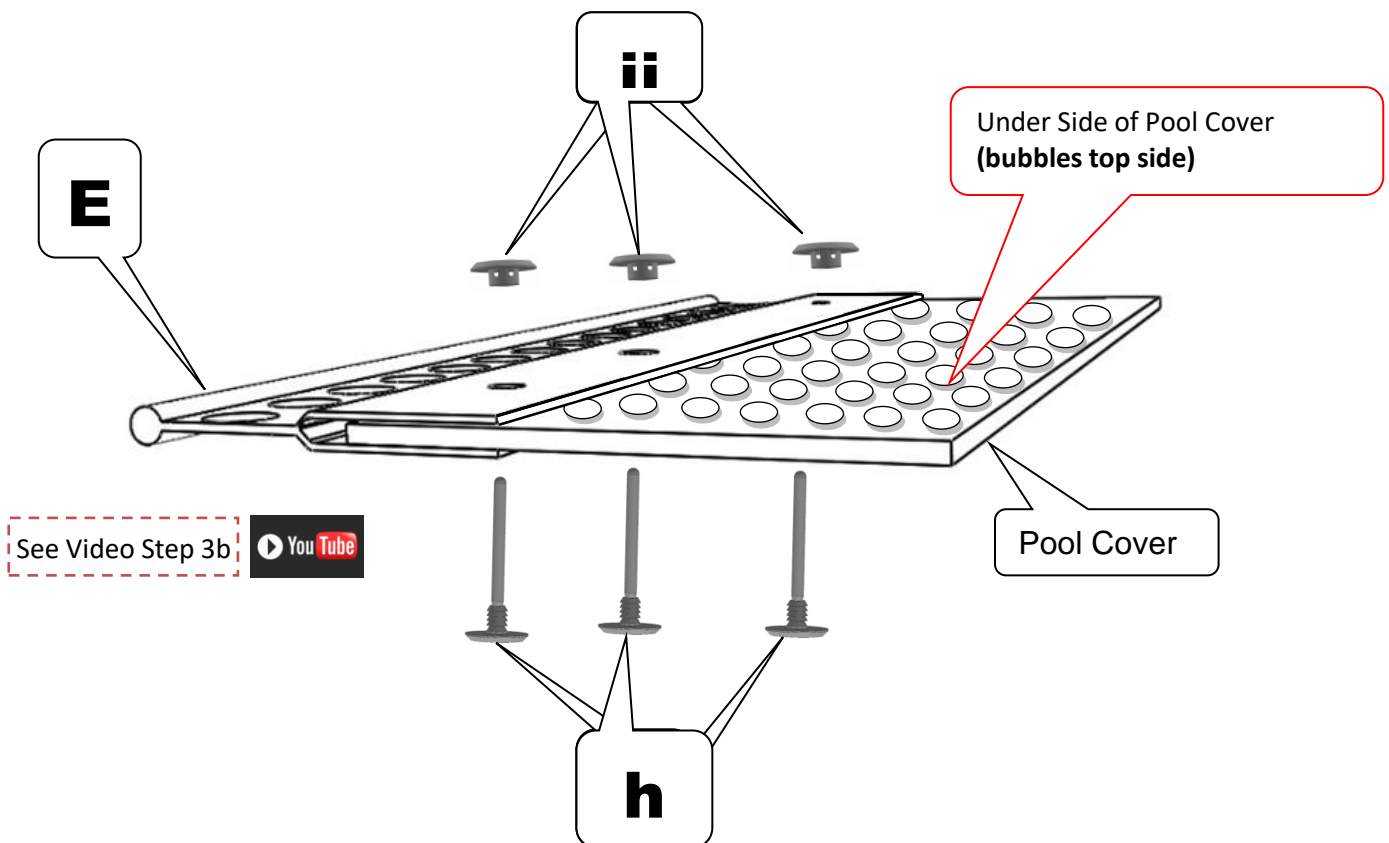


### Step 3: Attach Reinforcing Rivets to Tractor Feed Strips

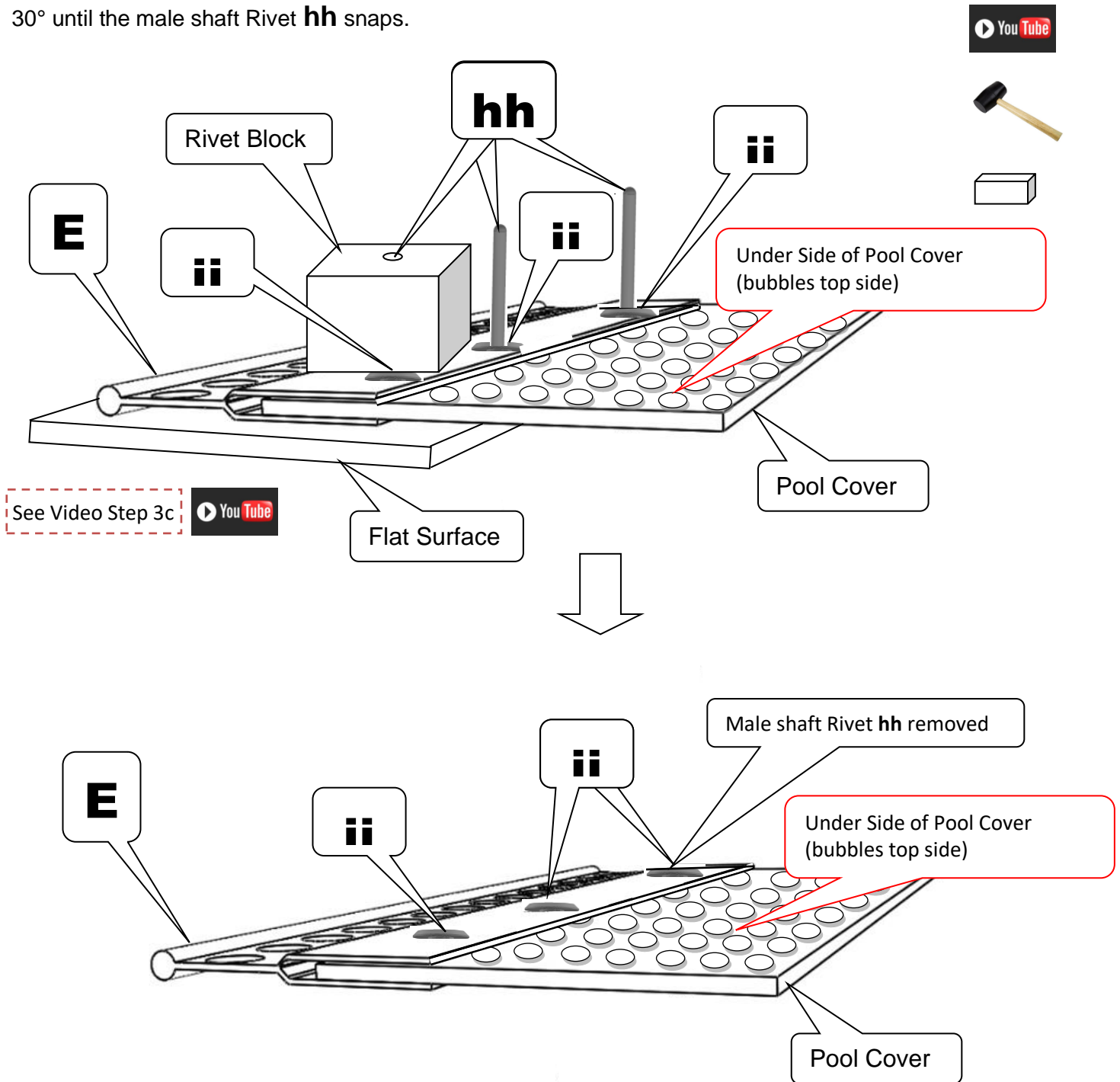
3a) With the Tractor Feed Strip **E** attached to the Pool Cover punch or drill a hole through the rivet holes using the Awl or Electric Drill.



3b) Add the plastic male rivets **hh** through the underside of the Tractor Feed Strip **E**, then place the female rivet **ii** over the male shaft. Push the female rivet down the shaft into the hole of the Tractor Feed Strip **E**.



3c) With the plastic Rivet **hh** and **ii** assembled through the Tractor Feed Strips **E**, place the Tractor Feed Strips **E** on a flat hard surface and slide the Rivet Block over the male shaft Rivet **hh** until the Rivet Block touches the female Rivet **ii**. With the Rubber Mallet hit the Rivet Block gently (light tap) pushing the plastic Rivet **hh** and **ii** assembly together. Remove the Rivet Block by rolling the block 30° until the male shaft Rivet **hh** snaps.



Congratulations! Now that you have assembled your Pool Cover with the Tractor Feed Strips, you are ready to move on to Manual #3 - Assembly and Installation, where step 12 will explain how to secure your pool cover to the Auto Pool Reel Assembly.