



## Round Liner J-Hook Install Section 3 Day 3 Liner Change

### J-Hook



Step15 JH

:01

Physically installing the liner is not difficult, usually. There are large hooks on the liner that go over the wall called the J-Hook, and you attach the stabilizer bars in the correct position that secure the liner after the liner is positioned.

:17

The liner is made to stretch and made to be installed under different temperatures. The warmer the liner is the more easily it is stretched. For now, while hanging the liner I will focus on the top of the liner, mainly the portion at the top with the J-hook mechanism that hangs on the wall itself. The liner variance as a whole is handled and adjusted in later steps. There is only one way to ensure that a liner can be attached knowing it is being hung with a consistent “stretch” or variance. That is to attach the liner completely all the way around and adjust it afterwards, so it is spread out consistently before you attach the stabilizer bars.

:58

This is most easily accomplished with one person on the inside and three to five on the outside.

1:04

The helpers outside can hold the wall and liner spaced out evenly, so the wind does not collapse the wall before the stabilizer bars are reattached. If it is still dangerous, then duct taping the uprights to the liner as it is hung helps, as well as clamps or duct tape on T-Bars where the wall is vulnerable, after the stabilizer

bars are taken off and the liner is hung.. this is when the pool is most vulnerable to wind damage.

### **1:38**

As a professional, I only use one or two helpers, but when it is windy I have extra hands in the form of T-bars.

### **2:00**

First, hang the liner on one section of the wall. Someone on the outside can hold the liner, but in this video I had no helpers and used a stabilizer bar and top plate attached in place of your helper on the outside. In any case, the person on the inside can hang the liner all the way around without stepping into the cove while the helpers on the outside hold the liner and wall in place so wind damage does not incur. Walk barefoot on the liner and if you feel a stone, through it out and do not step into the cove.

### **2:37**

Since I had no helper, here I was measuring the liner, to anticipate whether the liner would hang loose or tight. Between 75 and 95 degrees Fahrenheit the liner would likely hang loose before overly tight.

### **3:00**

As you go take off the stabilizer bars and throw them on the ground until the liner is hung. Then adjust the liner so it is consistently spread out... In this video I put them carefully on the liner itself. Outside is recommended if you have at least one helper so it is not touching the liner itself. lol

### **3:48**

Once the liner is hung two-thirds of the way around the pool, have two helpers hold the ends of the wall and liner where you have stopped and measure in this fashion to estimate whether the liner variance is going to need to be adjusted. The liner is made to be stretched, so if it seems close then continue as planned and simply stretch the J-Hook mechanism at the top as you see fit. The same is true if the variance seems to be loose. then as you see fit hang the liner loosely. Once the liner is on the wall safely, you can go back and adjust it all more

carefully. For now, your first goal is simply to hang the liner completely around the pool.

#### **4:29**

In this example, I noticed that the liner variance was going to hang tight, so I stretched the liner in anticipation of that outcome as you can see here.

#### **4:46**

If it is tight at the end of the process, do not force it too much or the wall could pop out of the track. If it is tight and must be stretched, have someone hold the liner where it lies unattached to the wall on both sides. The person in the middle can then stretch the liner by pulling on the J-Hook mechanism across the top of liner, until an appropriate amount of slack is created for the rest of the liner to hang without a dangerous amount of pressure placed on the wall.

#### **5:16**

Notice how I am using my feet to hold the liner in place when taking off the stabilizer bars. If you have 4-6 helpers and use these steps hopefully, you will not have to take off the stabilizer bars, after attaching them once.

#### **5:33**

In this example, I only have one helper and the liner was tight at the end. It is more dangerous that way. Please use 4-6 people when hanging the liner if you can help it. Particularly, if you are not attaching stabilizer bars as you go and opting to adjust the liners variance evenly before attaching even one stabilizer bar, which will ensure the liner is hung properly and guard against seam separations. Which are otherwise a rare occurrence.

#### **6:04**

This is me distributing the variance evenly. Sometimes this is barely necessary.

#### **6:34**

Over 80 degrees temperature this likely would not occur. More likely the liner could hang loose, in which case the person in the middle would distribute the slack or variance more evenly, before attaching the stabilizer bars in response to that situation.

**6:51**

In this example, I noticed that the liner was going to hang the loose, so I began pulling the variance back as I went in anticipation of that event.



Step 16 JH

:01

Attach all the stabilizer bars after the liner's variance is distributed evenly throughout the pool.

**:34**

Here I am making sure the uprights are straight when I decide where to attach the stabilizer bars.

**:40**

Make sure you are careful about the opposite side of the stabilizer bars so the metal bars don't pierce the liner. Using a rubber mallet to help attach the stabilizer bars make sense sometimes.

**1:33**

If you have less people to help install the pool, you can use the method I use, and attach the stabilizer bars as you go. Once you are ½ way around with the stabilizer bars attached then attach the last half of the liner and space out that portion equally before attaching the stabilizer bars.. Again, over 75 degrees Fahrenheit works just fine, mostly. However, if it is tight, then detach a few stabilizer bars, and adjust the liner. Do not force the liner on the wall, the wall may pop out of the track.

**2:09**

In this example, the resin top plates had to be attached to the stabilizer bars as we went along. Metal top plates you can bend the tabs to make this a non issue with a screw driver beforehand.

**2:33**

If your liner is 25 mil or greater, the warmer you install it the better.. above 80 degrees is recommended.

**5:11**

If you opt to attach the stabilizer bars as you go then this similar adjustment may be necessary. That is detaching a few stabilizer bars to redistribute the liner variance more evenly and guard against the wall popping out of the track.

**5:27**

Again, when taking off the stabilizer bars hold the liner in place with your foot as you take them off.

**6:14**

Attach a stabilizer bar on the liner to hold it in place. There are as many stabilizer bars as bottom track. However, the stabilizer bars are centered with the uprights themselves, as opposed to in the bottom track that is centered in the bottom plates. So hold the uprights straight as you position the stabilizer bars equally in between two uprights.

**6:37**

When attaching the stabilizer bars, be aware of the opposite side of the bar, that it does not fall into the liner and tear it. They are sharp.

**7:35**

If the stabilizer bars attach, then be aware at the end you will need to cut the last stabilizer bar with a sawzaw.