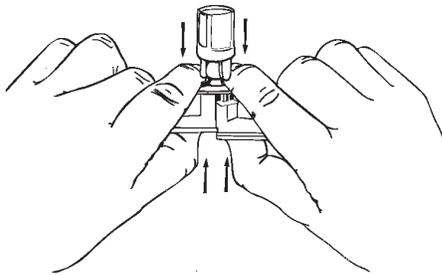
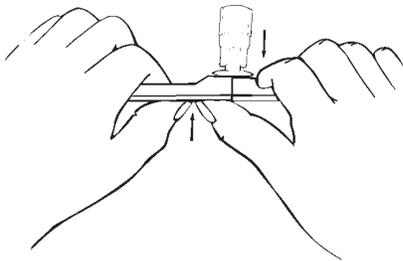


### Putting Track Together

**Step 1** Connecting sections of track is easy. Simply take a Single or Double Ball Joint Connector and insert  $\frac{1}{2}$  of the black portion of the Connector into the triangular shaped hole at either end of any piece of Track. Make sure you push the Connector all the way in. (The first few times you use your Track and Connectors the connections could be quite tight during assembly. Don't worry. They will loosen up the more you use your set.)



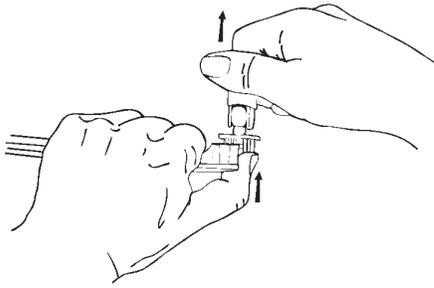
**Step 2** Now take another piece of Track and install it on the other  $\frac{1}{2}$  of the black portion of the Connector that you used in Step 1. Again, make sure the Connector is pushed all the way in. Way to go! You now know how to become a master Track assembler!



### Taking Track Apart

**Step 1** To take apart any two pieces of assembled Track, firmly hold one piece of Track with your left hand as shown in Picture 3. With your right hand, push upward with your thumb on the left piece of Track while pulling downward on the right piece of Track.



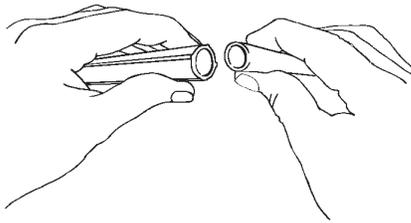


**Step 2** To remove Connectors from the Track, hold the Track with your left hand while pushing up on the black part of the connector with your thumb and pulling on the green part of the Connector with your right hand. Disassembly accomplished!

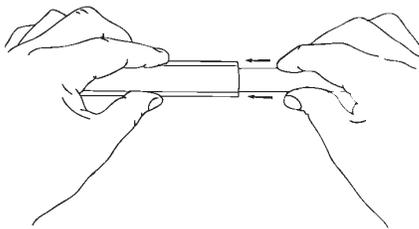


### **Making a Pylon**

Pylons are the supports which hold up your Track layouts and assembling them to the different lengths you will need couldn't be simpler. Pylon segments come in two different types and several different sizes. Outer Pylons are bigger in diameter and have ribs on their sides. They come in 18 inch, 12 inch, and 6 inch lengths. Inner Pylons are smaller in diameter and come in 6 inch and 3 inch lengths.

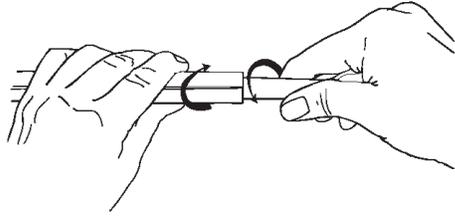


**Step 1** If you look at the ends of any Outer and any Inner Pylon segment you will notice that they are not round but oval or elliptically shaped.



**Step 2** Take any length segment of Inner Pylon and insert it into any length of Outer Pylon.





**Step 3** Give the two Pylon sections a twist. Because both Inner and Outer Pylons are elliptically shaped, when you give both segments a twist in opposite directions they will bind in place. Twisting them in reverse will release them.

By moving an Inner Pylon up or down inside an Outer Pylon and binding them in place, and by using different combinations of alternating Inner and Outer Pylons, you can easily create any length, long or short, of assembled Pylon that you need. Try sliding an Inner Pylon up and down inside the Outer Pylon and twisting them in place to create different lengths.



Loopy Says: This is important. Because your Loopy Monster Roller Coaster works just like a real world steel roller coaster, if you don't build it right it won't work properly. The train might not make it through the Loop or might not make it all the way back to the Station. As you create different design layouts you will need to make changes so that your design works the best it possibly can. You may need to raise or lower various sections of Track and our Pylon system makes those changes quick and easy to accomplish. Besides a lot of fun, there is a lot of real world science and engineering present in your Loopy Monster Roller Coaster. The challenge of creating a cool, working roller coaster is part of that fun and can be a real learning experience too!

