Burgaflex Cage & Clip Identification

#8 Cage 313505
.46” I.D.
.97” O.D.

#10 Cage 313506
.54” I.D.
1.05” O.D.

#12 Cage 313507
.69” I.D.
1.22” O.D.

#12 Clip 313503
24.1mm I.D.

#10 Clip 313502
19.8mm I.D.

#8 Clip 313501
18mm I.D.

#6 Cage 313504
.355” I.D.
.870” O.D.

#6 Cage 313504
15.3 mm I.D.
Correct assembly of **BURGACLIP®** fittings.

1. **Hose cutting**
   In case you need to cut the hose to the right length, make sure you make a straight and clean cut with the Burgaflex hose cutter as in picture 1. *Pictures 2 and 3 show wrongly cut hoses, respectively not straight and not clean.*

   ![Images](image1)
   1. O.K.
   2. WRONG
   3. WRONG

2. **Placing clips in clip holder**
   Before starting, make sure you have the right clips and clip-holder. They come in four sizes: 6, 8, 10 and 12. Correct sizes of both clips and clip holder will provide an easy and nice fit. They correspond with the hose size used. See picture 4.

   ![Image](image2)
   4. When placing the clips in the clip holder, make sure both clips are placed in the same direction. Slide the clips in the spaces in the clip holder. When correctly placed the ears of the clips are pointing to one side and the clips are aligned and centred in the clip holder. See picture 5. *Pictures 6 and 7 show when NOT installed correctly.*

   ![Images](image3)
   5. O.K.
   6. WRONG
   7. WRONG
3. **Slipping the clip holder with clips on the hose**

Slip the clip holder with the clips on the hose. Make sure the clips stay in place. One end of the clip holder has a smaller diameter, this is where the fitting will go in later. It is very important that the side with the smaller diameter touches the hose when slipped on. If this is the case, you’ve installed the clip holder in a correct manner. See picture 8. Pictures 9 and 10 show when NOT installed in a correct manner.

![O.K.](image1) ![WRONG](image2) ![WRONG](image3)

4. **Insertion of a Burgaclip fitting**

Before inserting the Burgaclip fitting in the hose, there are 2 things to pay attention at.

- a. Do the sizes of the fitting and hose match?
- b. Is the end of the fitting which is going in the hose undamaged and clean?

In case your answer on both questions is yes, continue.

Make sure the fitting is lubricated with a generous amount of the A/C system’s lubricator oil on the side which will be inserted in the hose. Now, insert the fitting in the hose. If the fitting is inserted correct, there will be no gap between the fitting, the top of the clip and the hose. This is VERY IMPORTANT. See picture 11. Pictures 12 and 13 show when NOT inserted in a correct manner.

![O.K.](image4) ![WRONG](image5) ![WRONG](image6)
5. **Closing the clips**

Before closing the clips, make sure the fitting and hose show no gap between them. For a correct and reliable assembly use the Burgaflex Clip pliers. These pliers will open themselves when the right force has been reached. Now, first close the clip closest to the end of the hose. When the pliers have opened, close the second clip in the same manner.

When walked thru all above mentioned steps, the hose-fitting assembly should be ready. In picture 14 you can see a correctly assembled hose-fitting combination. If your assembly looks like this you’re o.k.!

*Pictures 15 and 16 show when NOT inserted in a correct manner. Does your assembly look like this? Please walk thru above steps again and start over.*

![Image of assembly steps](image-url)