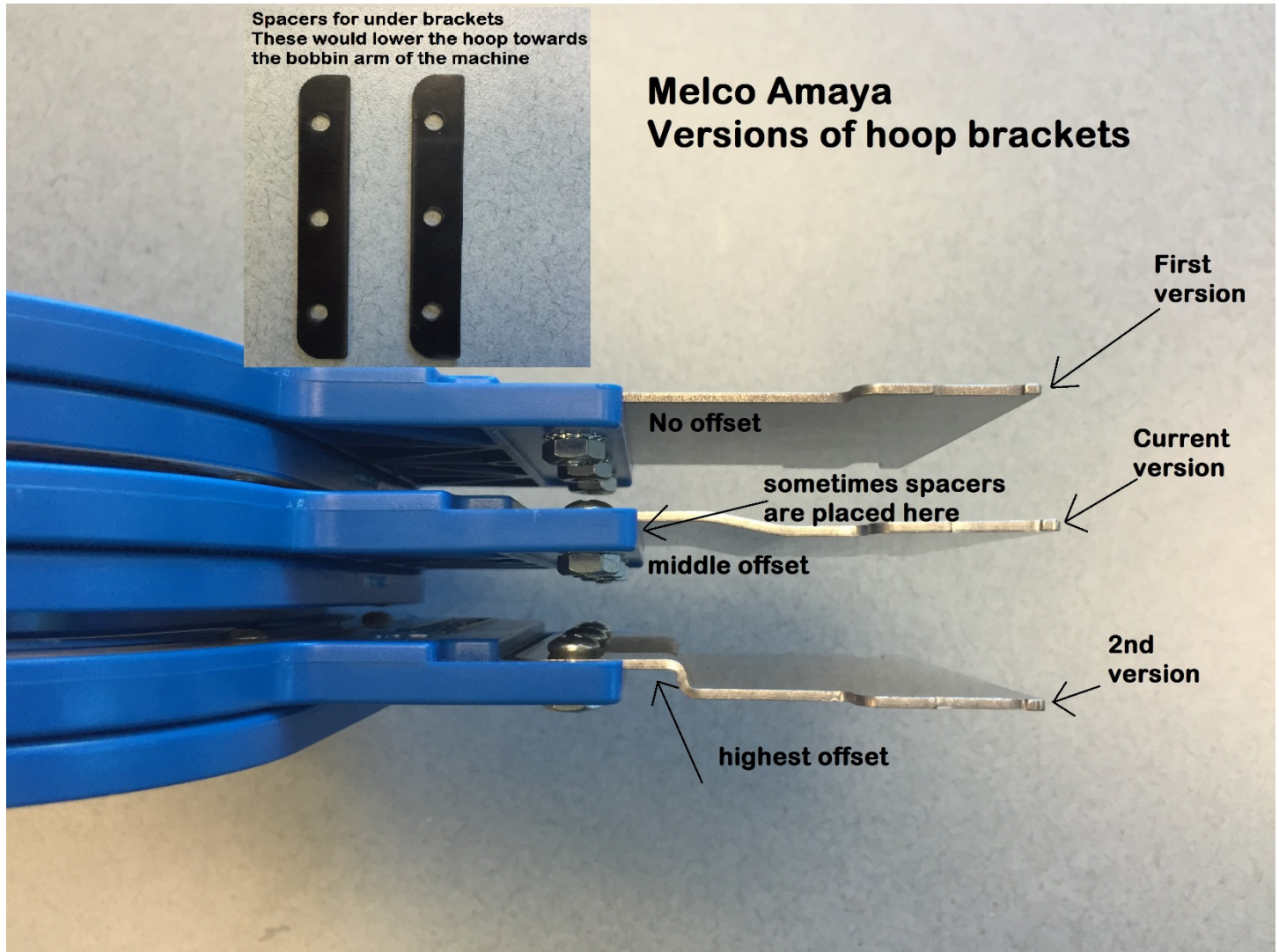


Melco Amaya/Bernina Mighty Hoop Adapter Brackets

We have made 3 versions of brackets to hold hoops on Melco Amaya machines. This has been done over the years, as we find some machines don't work well with the current brackets. We have worked with Melco techs, in the USA and Switzerland, to try to find the best version of these brackets. You can see the different versions we have sold over the years in the picture below.



The above is a picture of the right end of 5.5" hoops, but other sizes will have similar brackets.

The top bracket is what we call flat. This bracket comes straight off of the hoop and locks in the machine. This bracket was used from the start of Mighty Hoops, until around Sept. of 2015. This bracket would position the hoop the closest to the bobbin arm of all the versions. We stopped using this bracket when we found that on some machines, the hoop would put too much down pressure on the bobbin arm to the point that it could leave a mark on the garment. This didn't happen very often, but we wanted to correct it. We did a lot of testing with different Melco dealers to come up with the 2nd version pictured at the bottom of the above picture.

The 2nd version had a 3/16" offset that raised the hoop a slightly reducing the problem of having too much pressure down on the bobbin arm. We sold this from Sept. of 2015 to about Sept. of 2016. We found at that time, some

customers had the opposite problem. The bottom of their hoop would sit above the bobbin arm, unless they were embroidering a heavy garment. This can cause flagging and bouncing of the hoop. When we started to see this more, we modified the bracket to the current version, which is pictured in the middle of the above picture. This version only has a 3/32" offset and is in between the two previous versions. We started to sell this version in September of 2016. This new bracket seems to be working more consistently with all of the machines. When we started to sell this version we had also provided the little black spacers that are pictured at the top. If these were installed under the bracket, it would raise the bracket, which would lower the hoop on the machine. By using the spacers, the brackets become the same height as the flat version, and move the hoop down towards the bobbin arm.

The Melco machines have changed a little over the years. The idea behind the different brackets is to have the hoops sit on the bobbin arm when a normal item is hooped, but not to put a lot of down pressure on the arm. When ordering new hoops, you will automatically receive the current version with the offset that is between the two old versions. When you get the hoops, you should hoop a shirt and see if the hoop sits directly on the bobbin arm. If it is not, please first check that the arms of the machine are attached correctly and tight. If they are, then we can either send you the little black spacers to move the hoop further down, or the higher offset (Version 2) brackets to raise the hoop if there is too much down pressure.

Please let us know if you have any problems using the Mighty Hoops on your machine.