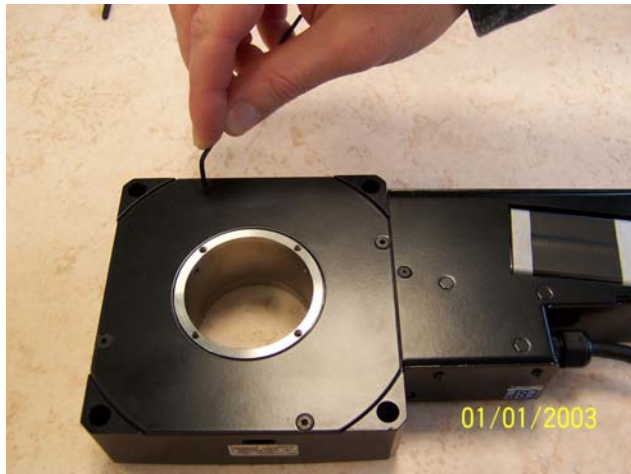


Changing the position of the limit switches of URS rotation stages

This tech note describes the steps for changing the position of the hard limit switches of URS stages. After changing the hard limits, it is necessary to change the soft limit settings on the controller accordingly.

1. Remove the 4 screws of the back cover of the stage using 2 mm Allen wrench.



2. Using a small flathead screw driver push the back clips off of the aluminium ring.



3. Adjust the position of the clips to get the desired travel range. Make sure to push the clips all the way in to the aluminium ring so that they are secured.



4. Replace the back cover.

Note:

Since there are no engravings on the back side of the stage that would facilitate the exact angular adjustment of the limit switch positions, the stage needs to be run to the limits and clips adjusted as needed.

5. The Soft Limits / Travel Limits of the controller need to be adjusted accordingly.

For more information please contact Newport Corporation Application Engineers at 800.222.6440.