

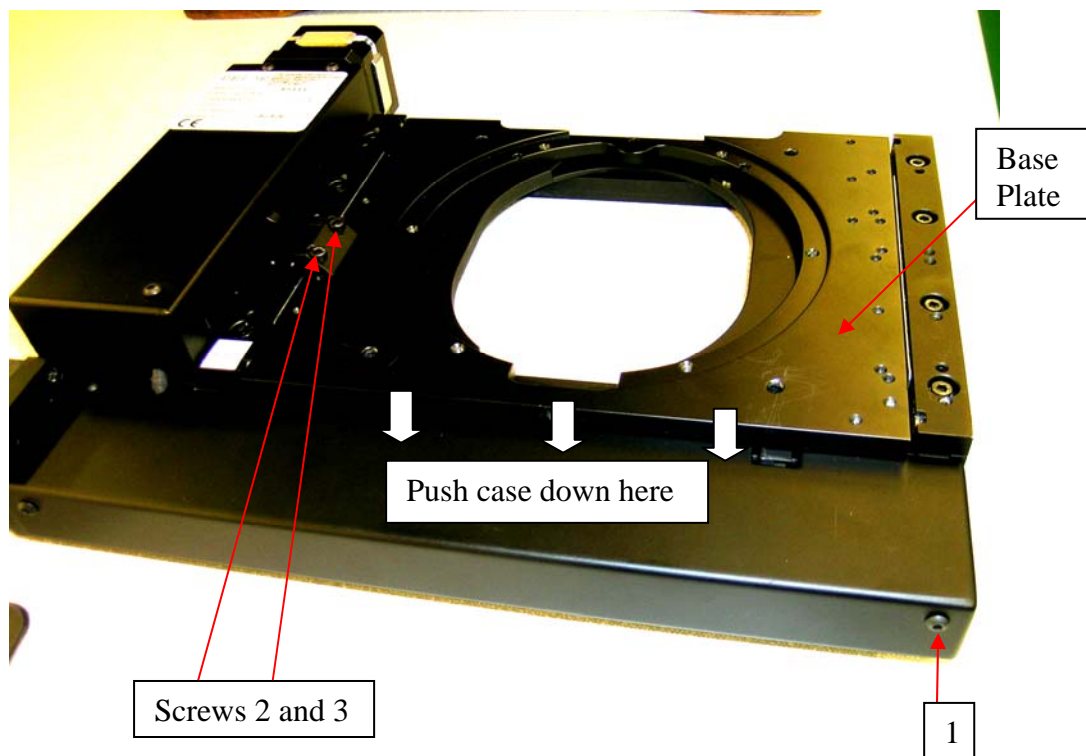
ES111 Realignment after transit movement.

Y axis Problems:

Two sections should be checked after significant transit impact.

1. X-Motor cover.
2. Base Plate drive dog.

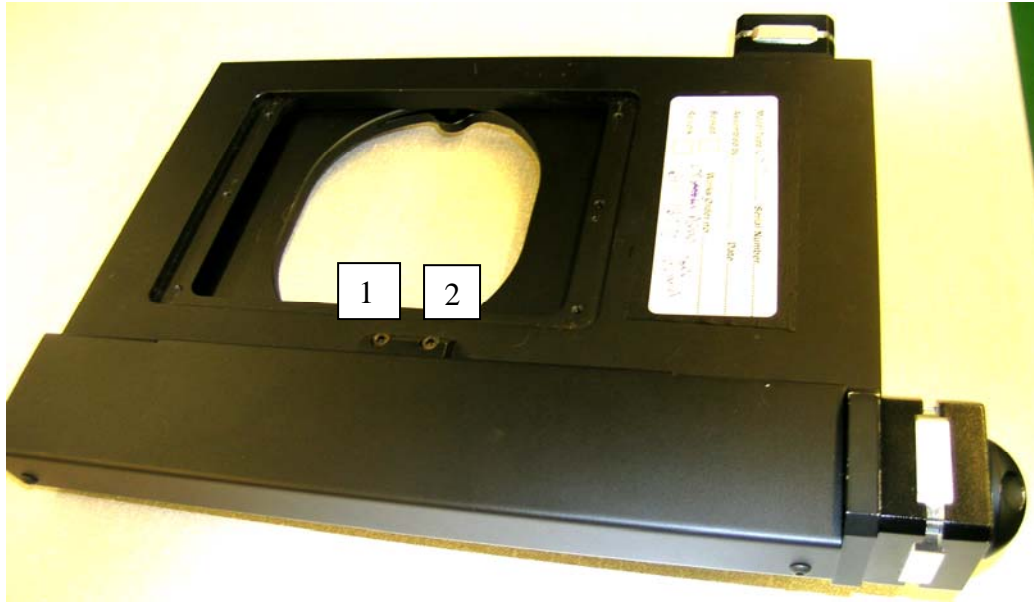
1. Loosen screw label 1, push cover away from base plate, (Direction shown).



2. Loosen screws labelled 2 and 3, allow any shear tension to dissipate (release any twist), re-tighten screws.

X Axis problem:

1. Loosen screws labelled 1 and 2, allow any shear tension to dissipate (release any twist), re-tighten screws.



If 1 fails to solve issue:

2. Remove cover.

1. Ensure the unit is not connected to the controller.
2. Unscrew the three hex nuts, (indicated in Figure a).
3. Ensure the bottom plate of the stage does not overhang the drive box cover.
4. Place fingers under drive box cover as indicated in Figure b.
5. Lift of drive box cover, as you do so lift the end of the drive box cover as indicated by the arrow.

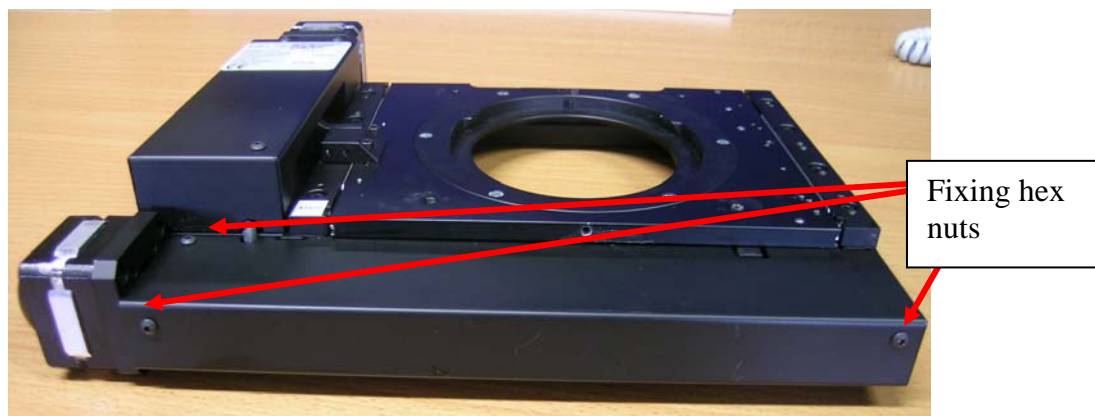


Figure a: Fixing hex nuts.

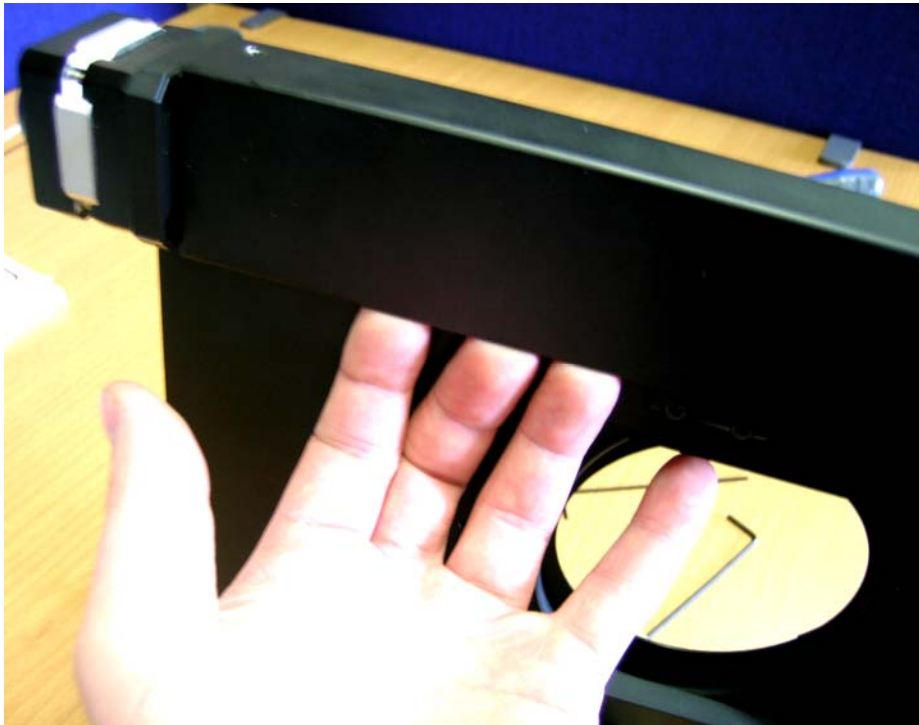
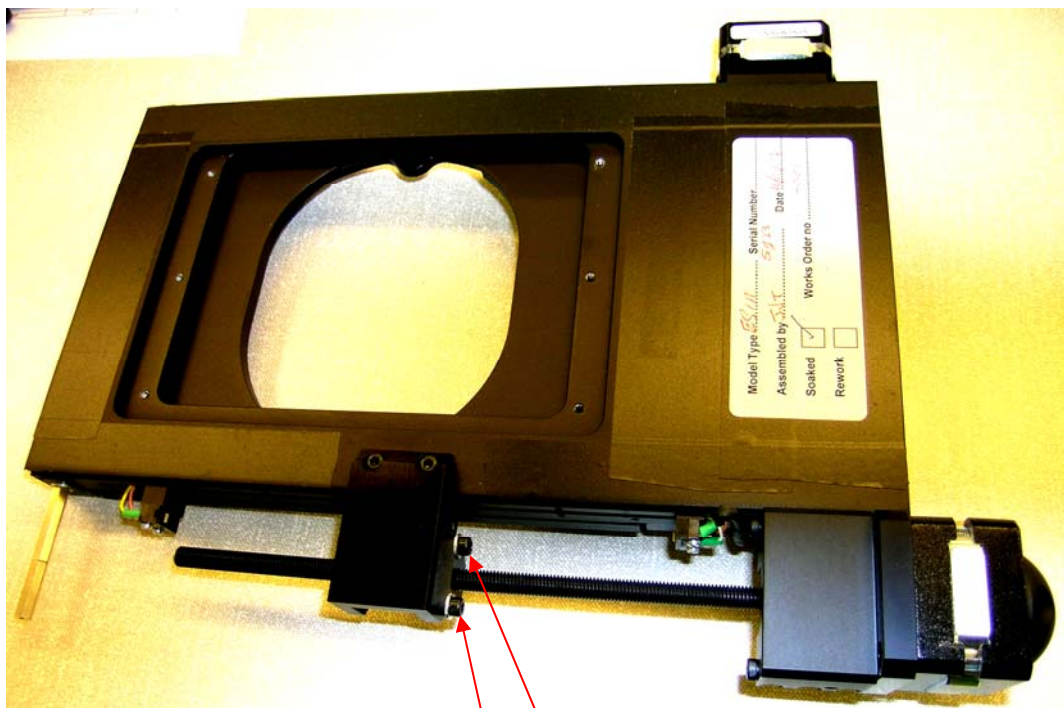


Figure b: Removing Drive box cover.

Loosen screws labelled 3 and 4, allow any shear tension to dissipate (release any twist), re-tighten screws.



Screws 3 and 4