



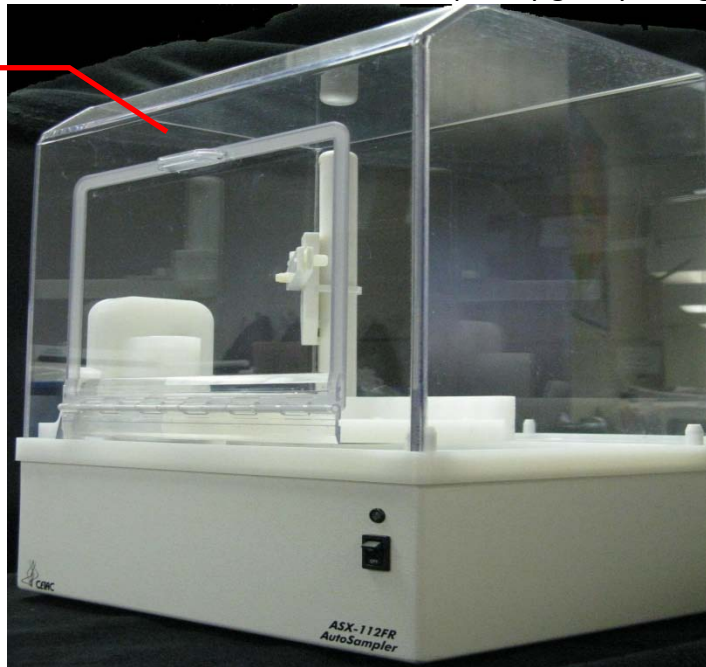
Replacing the Z-Axis Home Sensor on an ASX-110FR or ASX-112FR Autosampler

Tools and materials required:

- #2 Phillips screwdriver
- #1 Phillips screwdriver
- Wire cutter
- Wire ties
- Replacement Z-axis home sensor board

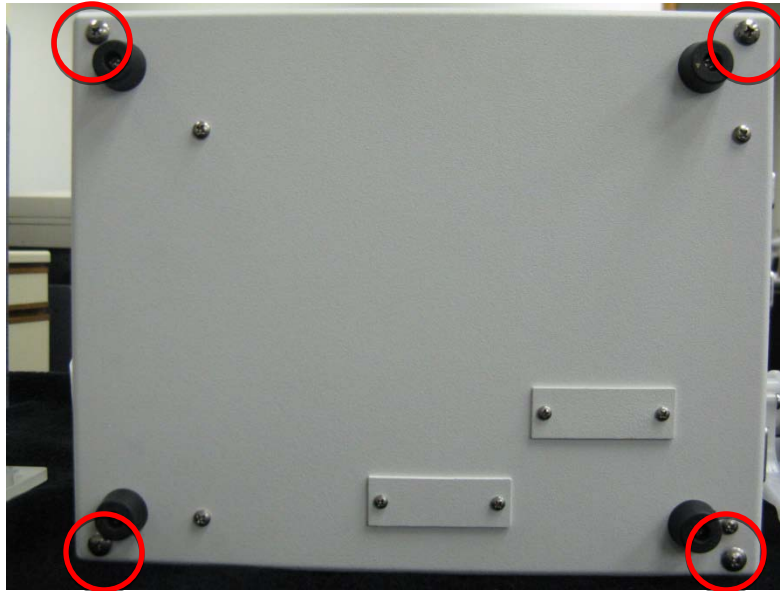
1. Make sure the autosampler is turned off and unplugged.
2. Remove the top cover/enclosure from the autosampler by gently lifting up.

Remove this cover by lifting up

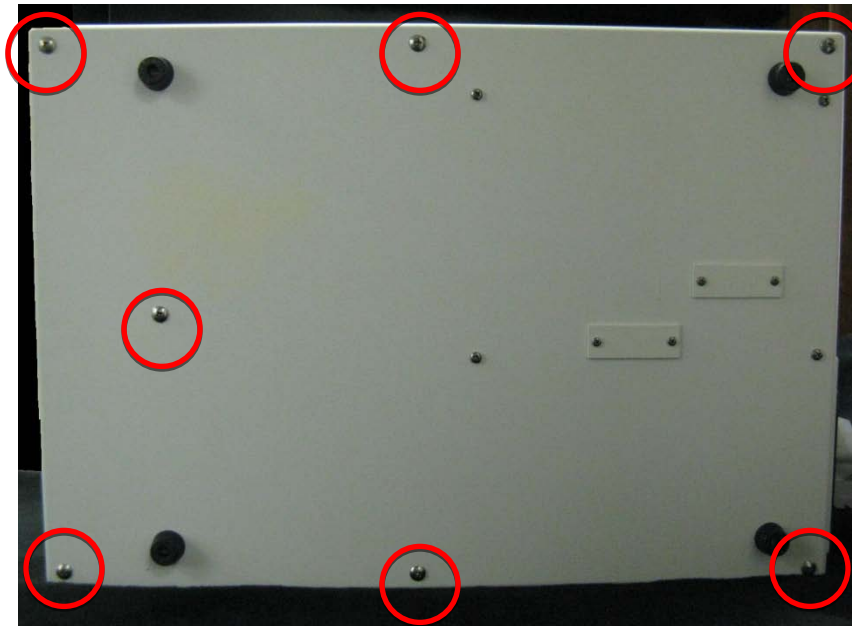


3. Remove all vials and racks and evacuate any liquids in the rinse station.

4. After the previous steps have been completed, set the instrument on its side and use a number 2 Phillips screwdriver to remove the screws securing the top plate to the base as shown below.

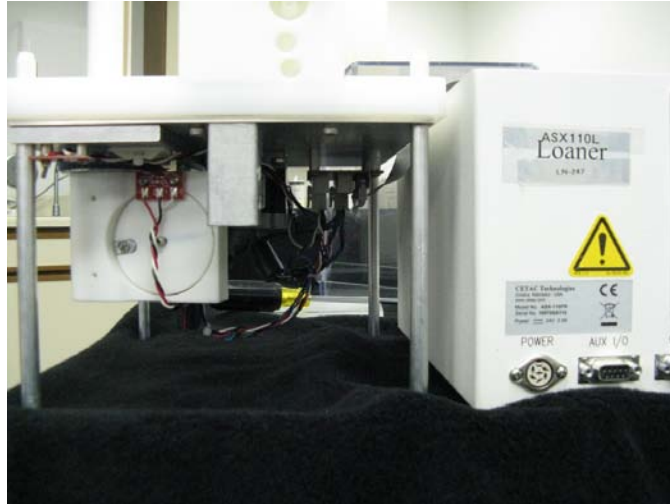


Location of Screws: ASX-110FR (4 screws)



Location of Screws: ASX-112FR (7 screws)

5. Set the instrument upright and lift the top tray off of the base and set it aside as shown below. *Be careful not to pinch the ribbon cable.*

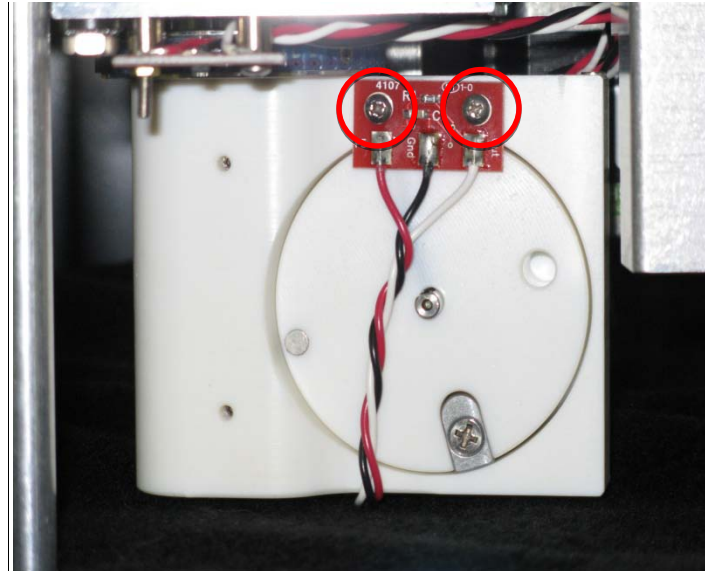


After Removing the Top Tray: ASX-110FR

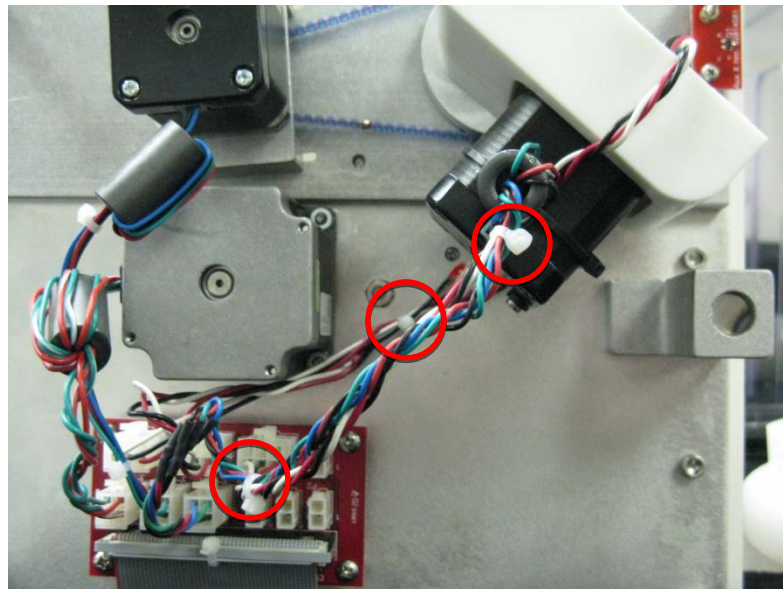


After Removing the Top Tray: ASX-112FR

6. Use a number 1 Phillips screw driver to remove the two screws holding the Z-axis home sensor in place.



7. Once the Z-axis home sensor is loose, carefully clip the zip ties which secure the 3 sensor wires to the motor wiring harness. *Use caution not to clip any wires.*



Location of Zip Ties : ASX-110FR

8. Unplug the 3 sensor wires from the connecting board.
9. Install the replacement sensor following the instructions in reverse order. Be sure to bundle and re-tie the wiring harness to avoid causing damage during operation.