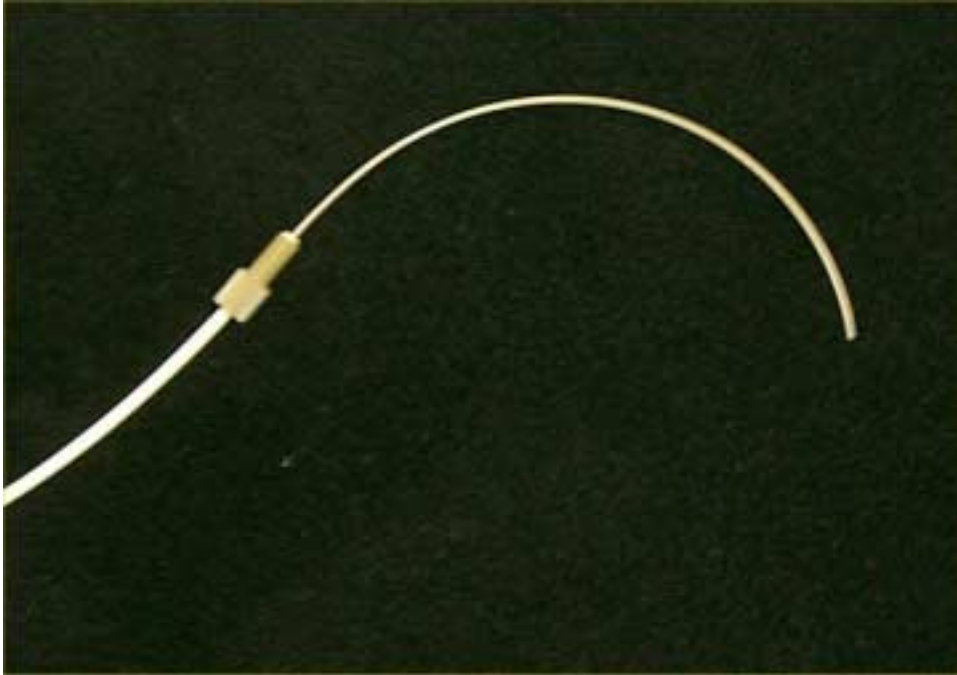

**Alignment of Z-drive for
ADX-500**

1. If you have an old z-drive on the unit remove it off both the ADX and ASX-510.
2. Remove the new Z-drive from the package and locate the end with the peek tubing coming out that has no mounting block attached to it as shown in the picture below.



3. Pull the peek tubing until fully extended and cut to a 7" length, and curl with a pen as shown above.
4. Insert the peek tubing into the ADX Z-drive rotor, align rotor so that the clamp is at the 3 o'clock position as shown below. When peek hits the stop on the rotor hold it tight to the stop and tighten clamp by tightening the Philips head screw.



5. Turn the rotor manually clockwise until the fitting is ready to be screwed in to the ADX. Screw the fitting into the ADX until tight. Also at this time attach the Z-drive to the asx-510 on the arm tube and also to the back by putting the peak through the slot around the rotor on the asx-510, you may have to loosen the clamp to get the peek tubing past it. Once the peak tubing is past the clamp, attach the mounting block to the back of the asx-510 with 2 thumbscrews, then turn the rotor manually clockwise till the stop pin hits the stop. Now pull the peek till the slider on the z-drive (the slider on the right side) almost hits the top. Tighten the thumbscrew. The z-drives should be attached as shown below.



6. With the Z-drives attached turn the rotor on the ADX counter-clockwise to lower the slider on the Z-drive. Plug in the power supply to the ADX and cycle the power so that the ADX moves the slider to the top of the Z-drive as shown in picture below.



7. If the slider doesn't make it to the top or try's to go to far then you will have to adjust the sensor. You will want the z-drive to go to top with @ 1/8" space between the top and the slider. To adjust the sensor turn the rotor as shown below and insert allen wrench (3/32) in hole in the top-center. Loosen set screw inside and turn knob clockwise if the slider is going to far and counter-clockwise if the slider is not going far enough. Then tighten the set screw and remove wrench and cycle power, and repaet procedure until the Z-drive rises to desired height.

