

METHOD FOR THE SHORTENING OF A d-EXTO EXTENSOMETRE

It can sometimes happen that a borehole is too short for a given extensometer. In this case, either the extensometer cannot be sued in this hole or it must be shortened to fit the hole.

YieldPoint's d-EXTO extensometers have the exclusive advantage that they can be shortened "on the fly" with minimal tooling, very rapidly and without risk of damage to the instrument.

The required tools are:

- Allen wrench, 1/8"
- Sharp cutter

Here is the step-by-step description of the precise method to follow in order to remove the last (distal) segment of a multi-point d-EXTO extensometer.

Using the 1/8" Allen wrench, unscrew the bolt located on the distal side of the last anchor point (anchor point furthest from the instrument head, and bolt furthest from head as well)



Once the screw is loosened, gently start pulling the short tail



Completely remove the tail section and set it aside, it will be re-installed at the end.



Go to the previous (second distal) anchor point and start unscrewing the bolt located distally (near the toe and near the segment to be removed) on that anchor).



Start slowly pulling apart the distal segment from that anchor over about an inch.



You can now see the thin metal rod used for the readings in that distal extensometer segment.



Cut off that rod with a sharp cutting tool.



Completely remove the segment now severed from the rest of the extensometer. Note that this segment includes the anchor point that was distal in the original extensometer.



You can dispose of that segment as it will not be used again. The previously second distal anchor point is now becoming the new distal anchor point.



Install again the short tail section into the new distal anchor point.



Secure the plug back in place by tightening the set screw

