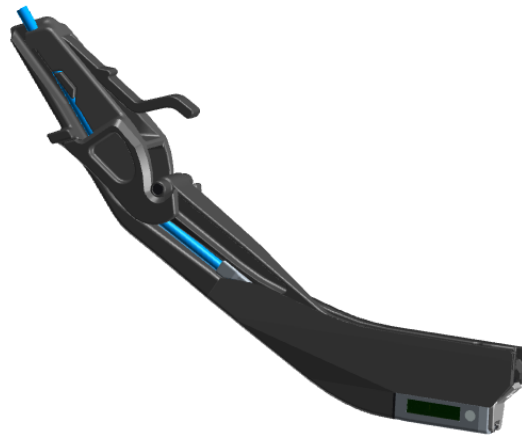
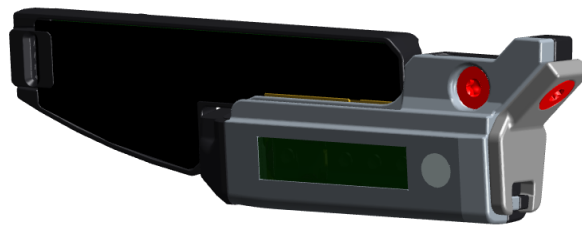


145216 Low Stick SmartFirmer Tail Replacement Kit



During this process you will remove parts to expose the SmartFirmer Module. It is critical that the module is not opened. This will cause the SmartFirmer to lose calibration. The illustration below shows the screws (colored red) that should **NOT** be loosened.



Step 1:

Using a T15 Torx bit, remove the screw that secures the Stiffener bracket to the tail.

**Step 2:**

Remove the Stiffener Bracket.

Note: To remove, use a flathead screwdriver to pry stiffener away from the tail. See illustration below to the right.

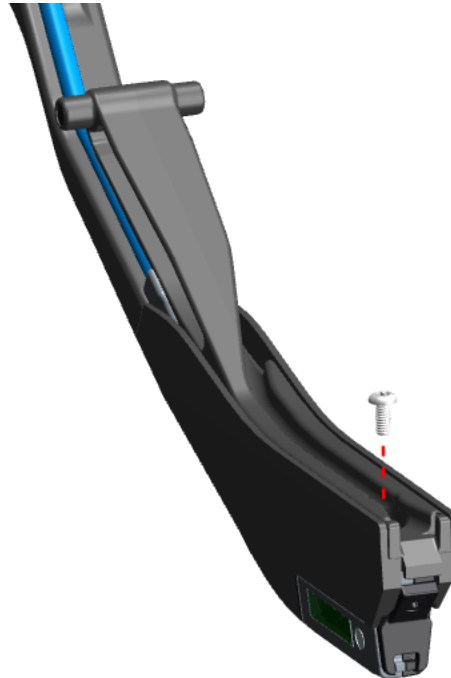
**Step 3:**

Using a T15 Torx bit, remove the screw that secures the UHMW Shell to the tail.



Step 4:

Using a T15 Torx bit, remove the screw attaching the UHMW body to the tail.



Step 5:

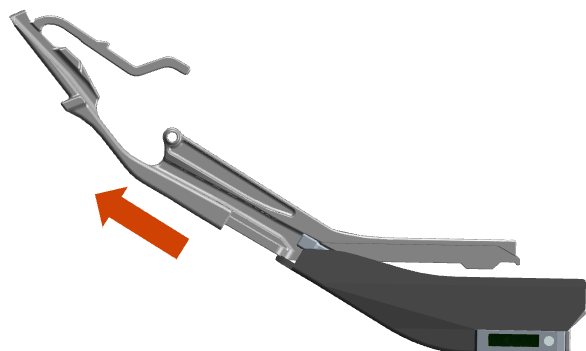
Carefully un-route the harness from tail.

Note: Strain from pulling on the harness can cause fracturing to the solder joints on the SmartFimer module.



Step 6:

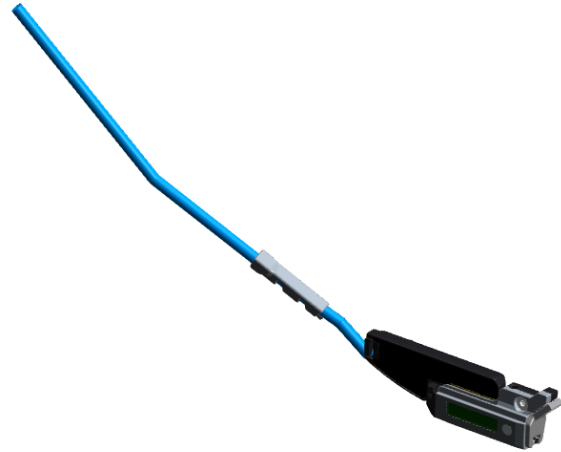
Slide the tail out from the Cobalt/UHMW assembly.



Step 7:

Remove tail from SmartFirmer Module. The UHMW shell is no longer attached to the tail or cobalt, this will be secured in the following steps.

Do not attempt to open the SmartFirmer module. This will cause loss of calibration to the SmartFirmer.

**Step 8:**

Install the new tail. Hold the UHMW and cobalt together and then slide the tail into the UHMW as you hold the two pieces together.

**Step 9:**

Carefully re-route harness onto the new tail. Route the harnessing up the left hand side (from rear) of the Smartfirmer tail. If using liquid tubing, route the tubing up the right hand side of the tail.



Step 10:

Secure components together with Screw provided in the kit.



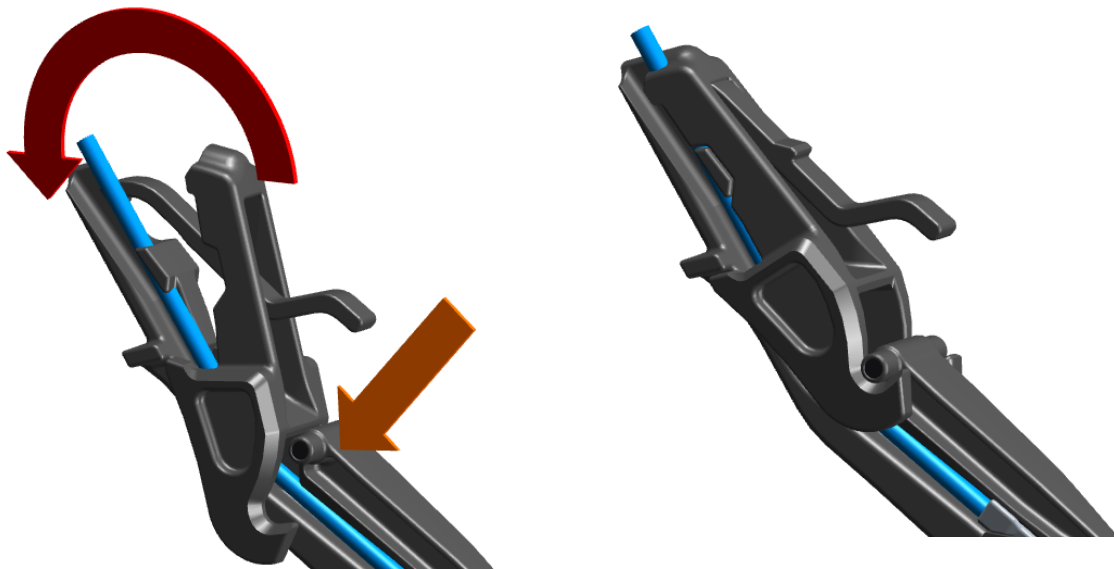
Step 11:

Using a T15 Torx bit, install the screw that secures the UHMW Shell to the tail.



Step 12:

Re-install the Stiffener Bracket.



Install SmartFirmer Tail Stiffener. Route the harnessing up the left hand side (from rear) of the SmartFirmer tail. If using liquid tubing, route the tubing up the right hand side of the tail. The Tail Stiffener will slide around the tail and quick attach latch, the design has channels for both the electrical harnessing and liquid tubing. The hooks will face upward and in final installation will surround the round tabs on the SmartFirmer tail. Rotate the top of the stiffener forward, once resistance is felt continue to press, you will hear a click when the Stiffener is installed and locked into place.

Step 13:

Using a T15 Torx bit, remove the screw that secures the Stiffener bracket to the tail. Installation is now complete.

