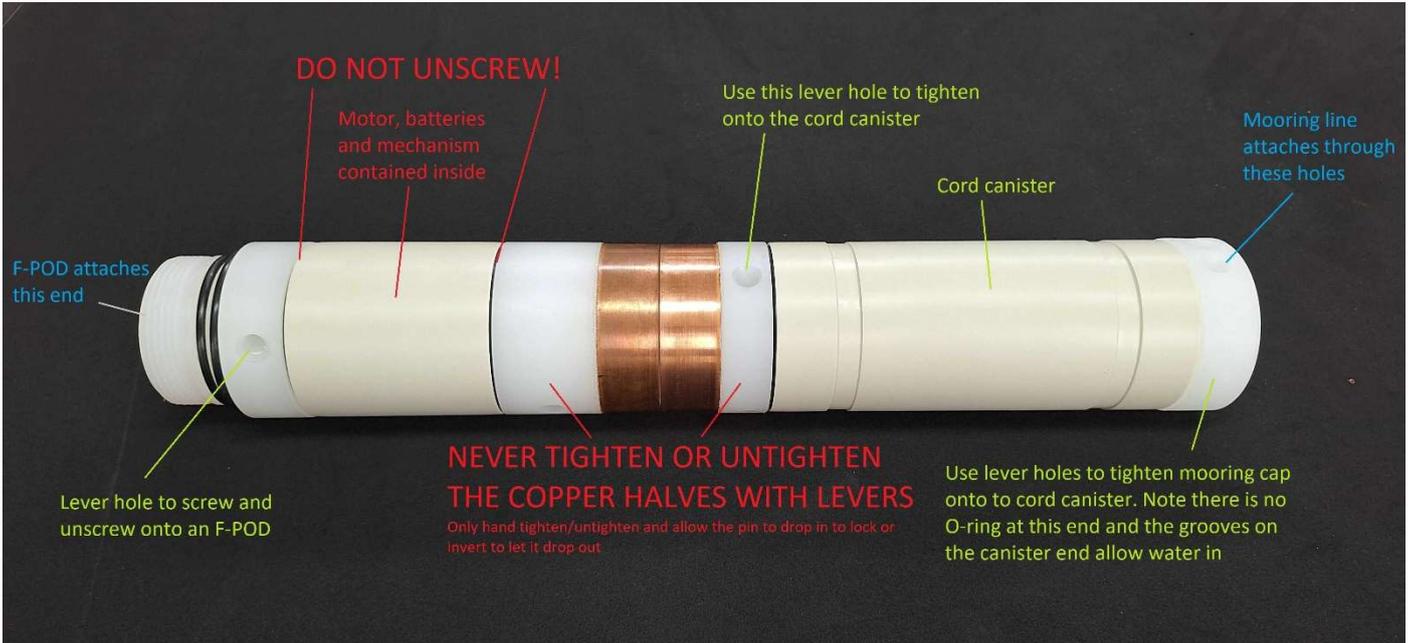


# A Brief Description of the Acoustic Release

## Section A: How to safely tighten and untighten the acoustic release sections

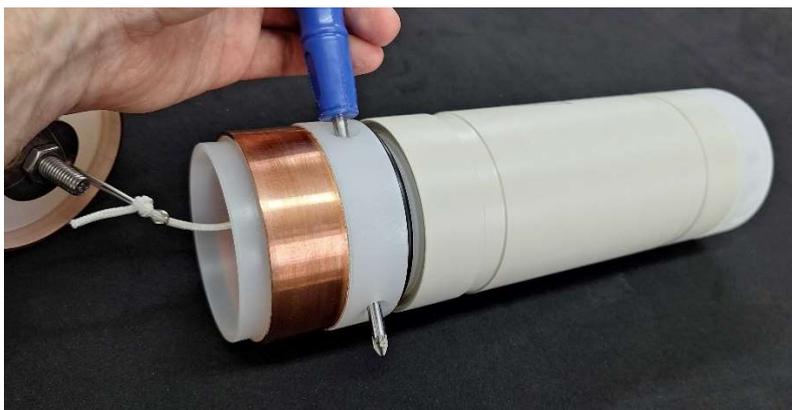
### Acoustic release module overview



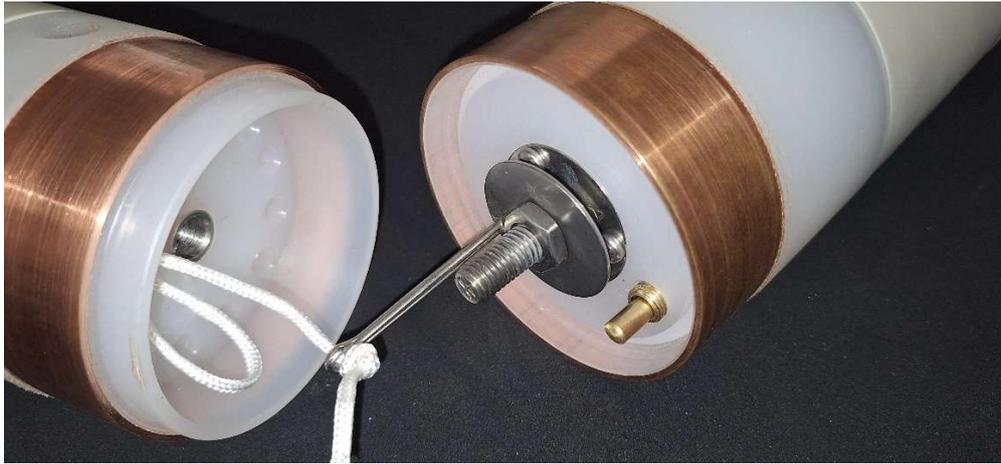
1. After attaching the end of the cord to the canister lid, tighten the lid onto the canister through one of the lid mooring holes.



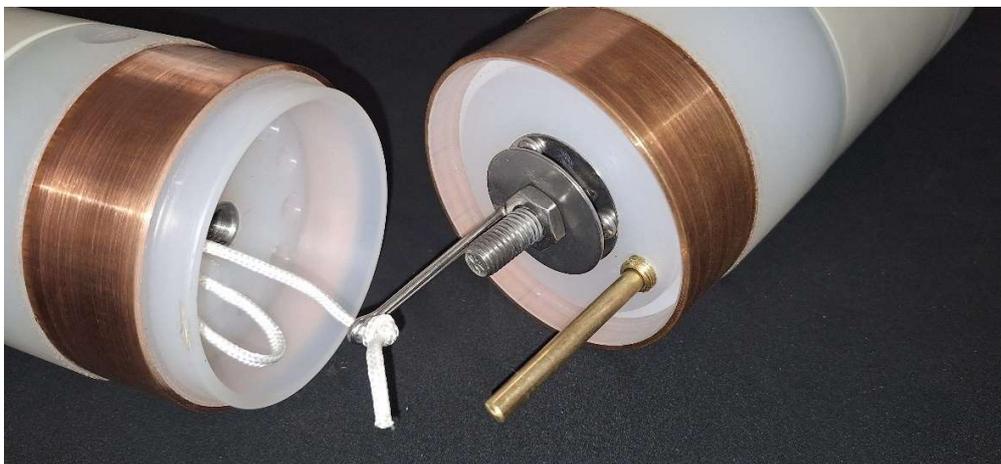
2. Once the cord is loaded into the canister use this lever hole to tighten the canister release section onto the canister.



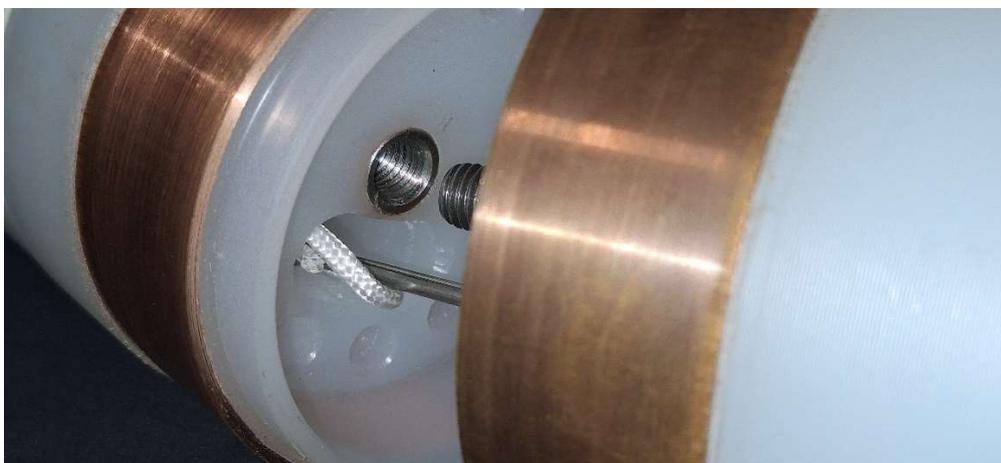
3. With the 2 halves separated you can see there are holes in the rope canister end and a bronze pin in the end that attaches to the FPOD (the motor end).



4. The pin is free to move and drops down with gravity. The pin will either drop into a hole to lock the halves together meaning the rotating central bolt can push the halves apart when the release is activated.



5. When you are screwing the 2 halves together, first push the pin back in so it's not in the way make sure the eyelet rod with the cord threaded through goes into the large hole and the threaded release bolt is lined up with the threaded hole in the centre.



6.

- a. Once the threaded bolt has engaged and rotated a couple of turns turn the acoustic release module upright so the lid is at the top and the end that attaches to the F-POD is at the bottom. Continue to screw them together until it reaches the end of travel, DO NOT use any force at all when attaching the 2 halves, they are not meant to be tight.
- b. Now turn the acoustic release module up the other way so the lid is at the bottom and the F-POD end is at the top. Gently and slowly undo the 2 halves, at most by a few millimetres and the pin will drop down in to a hole locking the 2 halves together. Try gently rotating the halves again to see that the pin has dropped and they only move slightly. DO NOT try to tighten the 2 halves as this will bend or break the pin meaning the release mechanism will fail.



## Section B: Connecting the acoustic release module to a D12/D10 F-POD

For D12 and D10 F-PODs you will need a short adapter wire supplied by Chelonia which has a red connector at one end and a black connector at the other.

1. Push the black end onto the connector in the centre of the F-POD circuit board



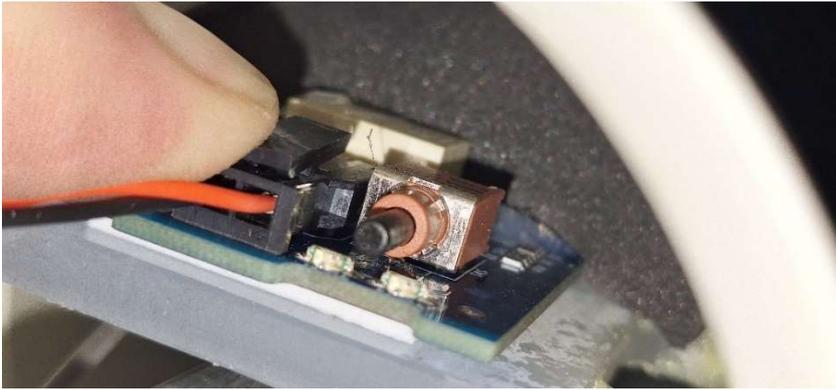
2. Make sure the connector has its clip at the top which prevents it accidentally being pulled out.



3. Push the connector and it will click into place



4. *Note. To remove the connector, push the clip down and pull it out, the red connectors just pull apart but hold the connectors when you pull not the wires*



5. Then connect the red connector to the acoustic release



6. You can now screw the Acoustic Release module onto the F-POD, once hand tight use the single hole in the end section of the Acoustic Release to tighten with a short bar or screw driver as you would when tightening a lid onto an F-POD.

