

Alert Level: Important

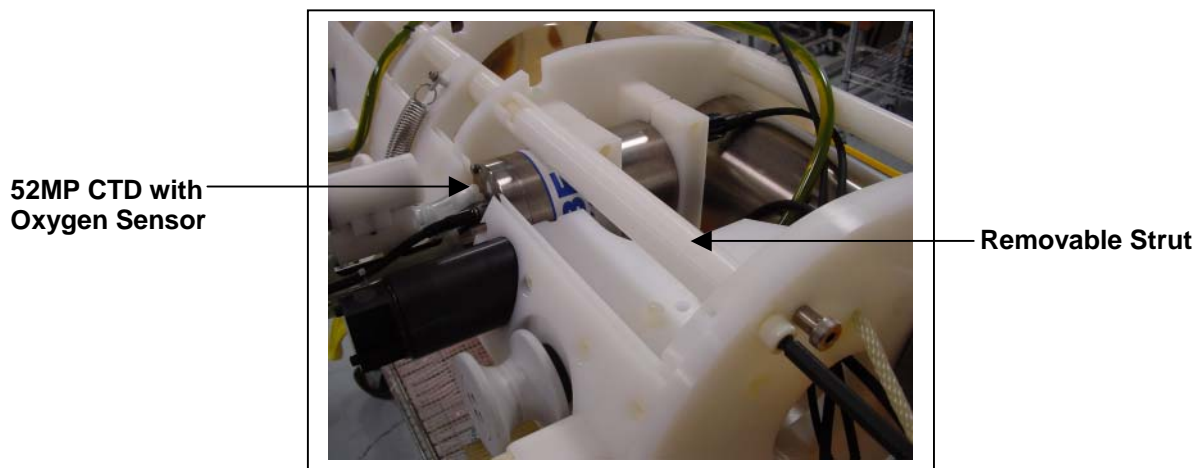
Software Version: N/A

Instrument: MMP with Sea-Bird 52MP CTD

Subject: Removing the Sea-Bird 52MP CTD Sensor

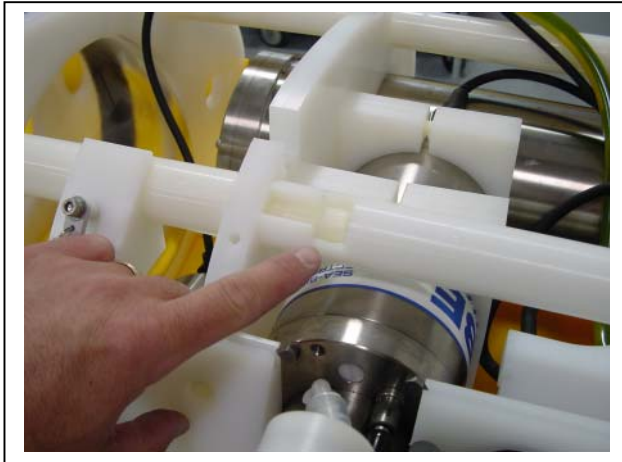
Summary: A releasable polyethylene support strut was added to the MMP body for easier removal of the Sea-Bird 52MP CTD with Dissolved Oxygen Sensor.

Technical Details: When removing the 52MP CTD from the MMP, use the photos and steps that follow as a guide.



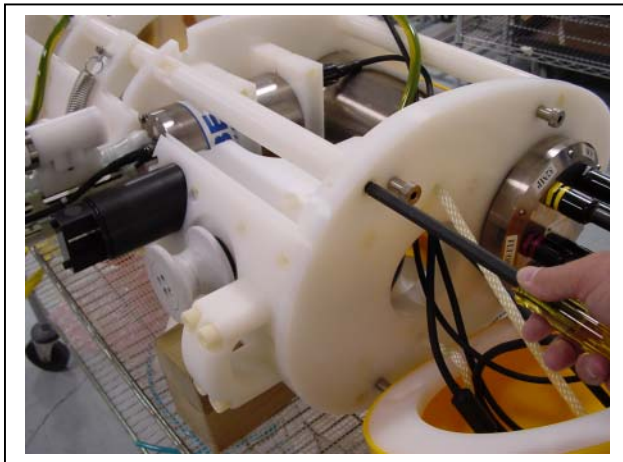
*Figure 1: 52MP CTD and Removable Strut*

1. Remove the MMP skin.
2. Turn the strut so that the notch faces up as shown in Figure 2.



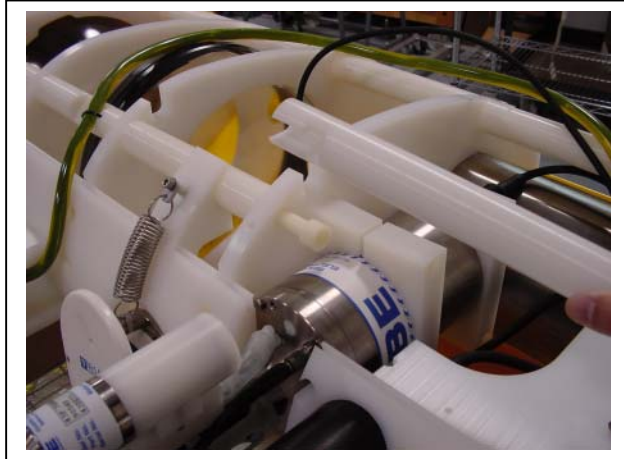
*Figure 2: Strut with Notch Facing Up*

3. Using a 3/8" Hex Driver, remove the socket cap screw from the bottom of the strut.



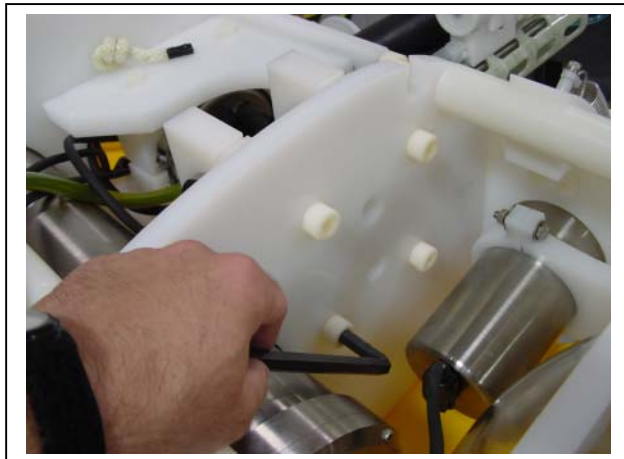
*Figure 3: Releasing the Strut*

4. Lift the strut up to remove the CTD.



*Figure 4: Removing the Strut*

5. Using an Allen wrench, remove the mounting screws (ensure that the sensor is supported).



*Figure 5: Loosening the Mounting Plate Screws*

- Carefully lift the 52MP CTD from the sensor mount.



*Figure 6: Lifting the CTD from the Sensor Mount*

- Unplug the bulkhead connector and remove the cable.



*Figure 7: Unplugging the Bulkhead Connector*