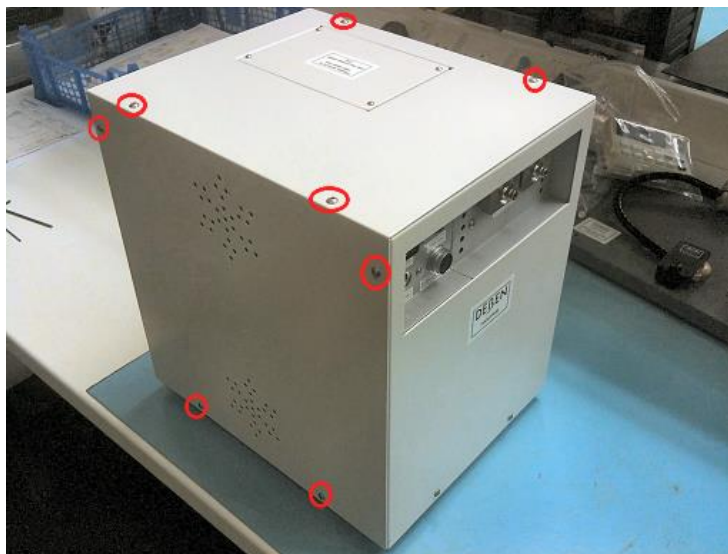


Water refill and pump priming (pump bleed) procedure for MK3 Coolstage

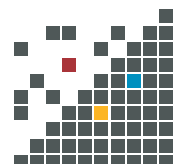
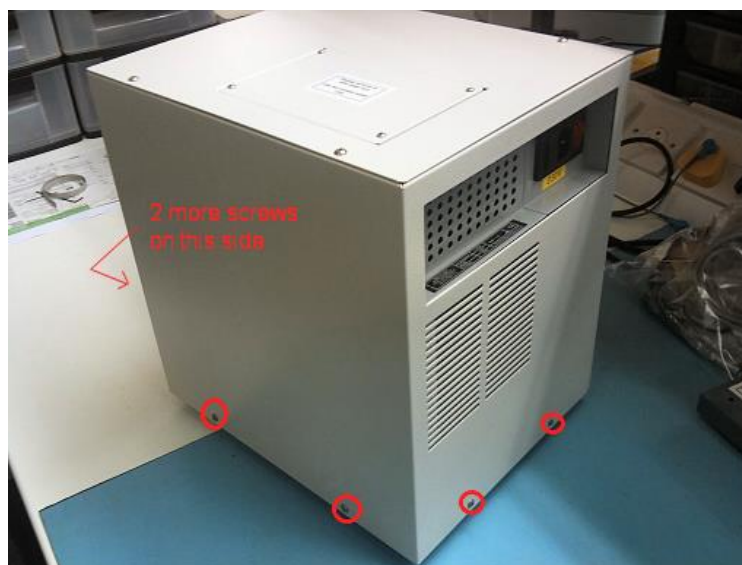
The water pumps used on the Coolstage are not self-priming, so it may be necessary to prime the pump by bleeding any air out of the system if the water level has dropped to a very low level. This is normally indicated by the pumps making a loud noise during operation. If this occurs then switch off the power immediately to prevent damage to the pumps and follow this procedure.

Remove the covers

Disconnect all external pipes and connections from the Coolstage. Remove the 8 screws marked below, and then remove this cover.



Now remove the 6 screws marked below. This cover can be removed by lifting it vertically from the chassis.

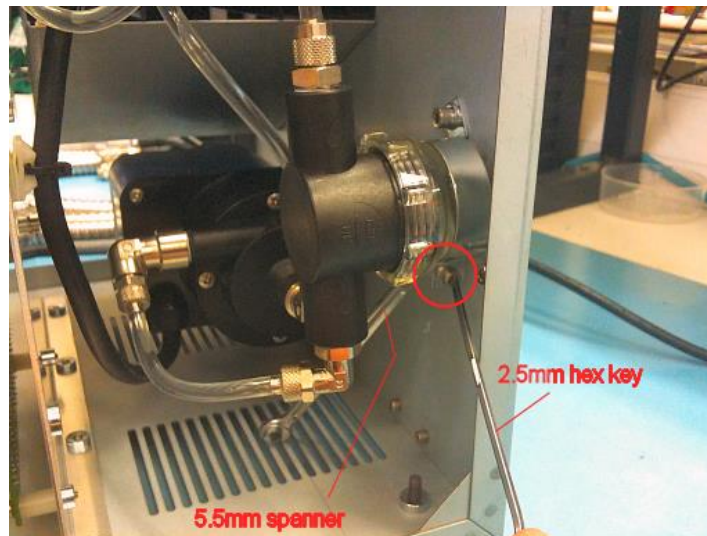


Refill the waterbox

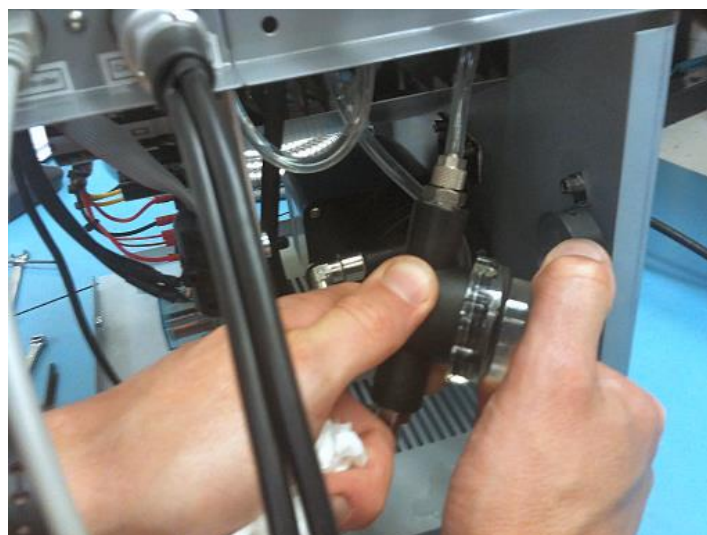
Remove the waterbox lid and refill with de-ionised water. It is recommended to use a corrosion inhibitor such as Sentinel x100, and this should be diluted to 1% concentration by volume. The water capacity of the Coolstage is approximately 500ml.

Prime the water pump

Loosen the clamp that holds the filter assembly as shown below using a 5.5mm spanner and a 2.5mm hex key.



Next, hold the filter as shown below and slowly start to unscrew the clear part. Do not unscrew this completely!



This will allow the air trapped inside the filter to escape and you will see the clear part fill up with water. When the clear part is approximately 50%-75% full, screw the two parts together again. Some water will leak from the filter during this process - be sure to wipe off any excess. The filter can now be refitted to the clamp, and the clamp can be tightened





Refit the covers

The covers can now be fitted back onto the chassis.

Top up the waterbox

With the waterbox cover removed, connect all the pipes and cables to the Coolstage and turn on the power. The pump will now be able to push the water around the system and remove any remaining trapped air. This will cause the water level in the waterbox to drop so this will need topping up.

When the water level has stabilized, turn off the power and refit the water box lid.

The pump priming procedure is **complete**.

