KEEL COOLER ANODE REMOVAL

The anodes on a keel cooler are for indicative purposes only, to show signs of electrolysis and to protect the fridge system. If you have no other anode on the boat seek professional advice.

Sintered Bronze Keel Cooler with 2 Zinc Anodes

Anode Removal from keel cooler (sintered bronze version with anodes)

- Keel cooler anodes should be replaced annually. http://www.penguinfrigo.co.uk/shop/product/306/
- Always remove and reinstall even if no wear.
- When ordering anodes check to see if the anode retaining screws need to be replaced (Part No - 1AST5M12I M6)
- To remove the anodes, use the correct sized Allen key to undo the screws that hold the anodes in place.
- Remove the corroded anodes and clean the anode seat area in the keel cooler.
- Gently clean the rest of the keel cooler using a wire brush.
- Ensure that the keel cooler is free of antifouling.
- Fit the new anodes using the retaining screws with a small amount of silicone or Vaseline on the thread only. Ensure they are tight.

Corroded anodes removal from a keel cooler

- Spray the area around the anodes using a strong calcium cleaner.
- For stubborn corrosion remove the debris gently as the keel cooler is fragile.
- If the Allen key socket in the retaining screws is damaged, try to remove the anode around the screw head until it is possible to grip the screw head with a pair of grips.
- Remove the screws and the corroded anodes then clean the anode seat area in the keel cooler.
- Gently clean the rest of the keel cooler using a wire brush.
- Ensure that the keel cooler is free of antifouling.
- Fit the new anodes using the retaining screws.

If the keel cooler anodes cannot be removed, it is important to ensure that the keel cooler continues to be protected by connecting it to the ship's main anode. Before making this change, Penguin Refrigeration recommend that advice is taken from a professional anode company such as MG Duff, as incorrect wiring can prove fatal. Attached are the instructions for connecting the keel cooler to the ship's main anode, again seek professional advice.

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