

**1**

## Insert the memory card into the PICkit



The purpose of this document is to provide instructions for performing the software update on the iCO high pressure pump.

This should only be carried out by an iCO approved installer.

The latest software is available on our website along with the PICkit 4 and memory card.

If any revisions are issued, it is a requirement at the annual service visit to update the controller board with the latest software.

**2**

Power up the PICkit 4 by connecting it to a USB power pack or laptop.



**3**

The LED on the PICkit 4 should turn purple, then blue, then flash green to indicate it's ready.



## 4

### Remove pump enclosure

- Remove the two screws from the outer cover. One either side, bottom-front. See red arrow.
- Place hands on cover sides, lift and pull away.



## 5

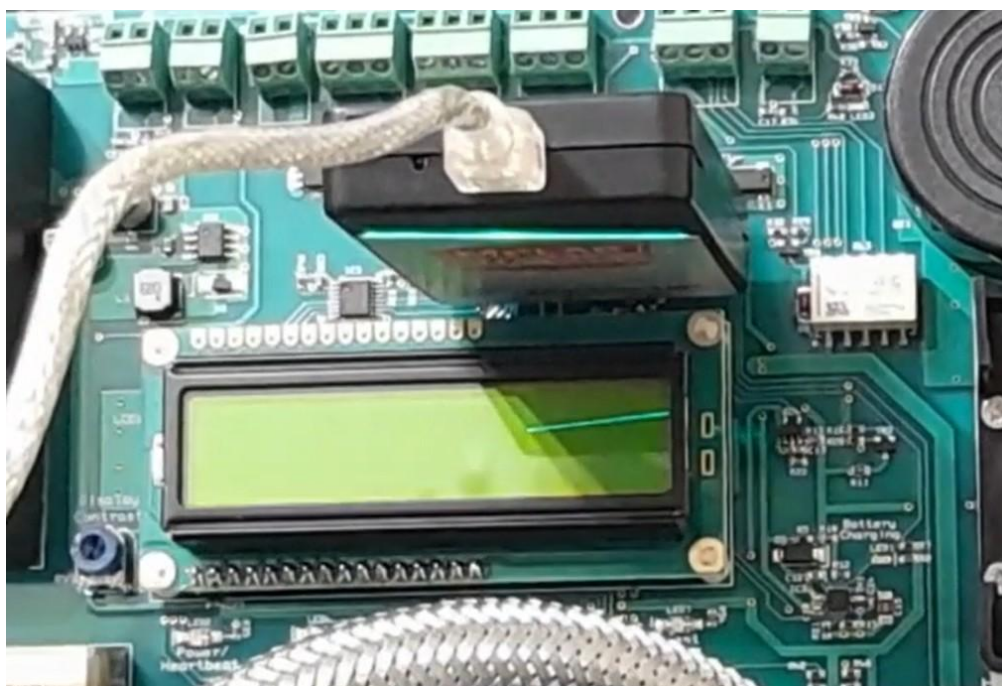
## Take off the electronics board enclosure

- Undo the two screws from the PCB cover. One either side, bottom position. See red arrow. (Note the screws are retained and will remain in the panel)
- Place hands on cover sides, lift and slide upwards, pull away.



6

Switch the pump off, insert the programmer into the board.



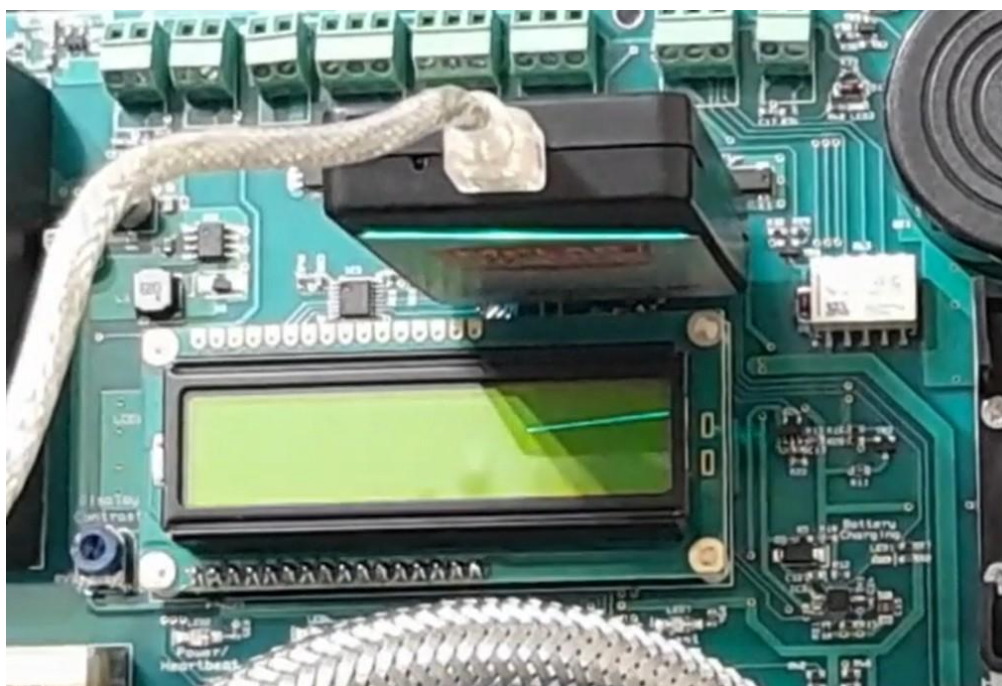
**7**

Power up the board, then press the MPLAB button on the programmer.



8

It will show a purple flashing LED whilst programming (3-4 seconds).





**9**

Remove the programmer once it shows the flashing green light, meaning that the software upgrade is complete.



**10**

## Recommission pump and system

- Complete self test
- Check for any leaks
- Refit all enclosures



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