CTS AdBlue Battery Level Alarm

Pull off the sounder connector and wire the cable from the sounder into this and plug this connector on last before closing the lid.

Ensure that the RED wire connects to the + terminal.

Pull off the float connector. Wire the probe cable to the float connector (its not polarity sensitive) and replace onto the board.

Insert the battery into the holder making sure the correct polarity of the connections, then push down at the base of the battery to secure in place.

The alarm will beep 3 times when the battery is connected.

**PROBE INSTALLATION**

The probe comes supplied with:

- 1x High Viscosity Probe c/w weight
- 1x Plastic tank plate
- 1x Cable gland for tank plate
- 2x self tapping screws

Fit the cable gland to the tank plate.

Feed the probe cable through the gland.

Carefully remove the probe weight from its packaging, being cautious not to misplace the 2 small screws.

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**Battery Requirements**
9v PP3 (Alkaline Only)

**Operating Temps**
-20c to +50c

**Dimensions**
155 (L) x 95 (H) x 60 (D) mm

**Colour**
Light Grey RAL 7035

**IP Rating**
IP55

**Float Material**
Polypropylene

**Max Viscosity**
2000 cSt

**Cap Mount**
1 1/2" BSP F

**Cable Length**
5m

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**INSTALLATION**

Mount the box securely using 4 Non-Countersink screws – **Do not over-tighten** the fixings

Remove the single cross head cover screw (the other 3 are in an internal bag)

Turn the face of the alarm over to reveal the connections & battery holder

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Code: SWS3022
Place the wire and metal weight into the plastic housing.

Close the housing making sure the clips fasten on either side.

Using the screws provided, screw both halves of the housing together.

The weight and housing should be fitted 125mm from the top of the probe.

Lower the probe into the tank, ensuring the bottom of the weight chamber is set to the **HIGH** level.

Fix the tank plate to the tank using the supplied self-tapping screws.

Wire the probe cable into the float connector on the alarm board. **ONLY** use the Brown and Black wires from the probe cable.

**OPERATION**
The alarm is constantly checking the probe state, but to give a visual conformation to the user, a test function is provided.

Press and hold the **TEST** button.

The red LED will **FLASH** 3 times and the sounder will **BEEP** 3 times—this indicates that the LED and sounder are functioning.

If the alarm activates then the LED will long **FLASH** and the sounder will long **BEEP** once every 2 seconds.

This will continue until either:

1. The **MUTE** button is pressed for 3 secs
2. Or the float exits from the alarm condition

If the **MUTE** button is pressed then the red LED will continue to flash once every 3 seconds, but the sounder will be silenced.

The alarm will sound for in excess of 72 hours in full alarm mode, and with a new battery it will operate for more than 2 years in standby operation.

**BATTERY LOW INDICATION**
If the battery becomes discharged, the red LED will **FLASH** slowly and the sounder will **BEEP** similar to a smoke alarm. Please change the battery as soon as possible.