



BoilerJuice Smart Monitor Installation Guide

Version 3.0



Installation instructions

These instructions have been provided to allow you to install your own monitor into a plastic tank. Please keep these instructions in a safe place, they include accompanying product safety information you'll find with your monitor.

If you have any questions, or if you would like us to arrange for professional installation, please contact our team at connected@boilerjuice.com or call **01480 775454**.

Before you start

Say hello to your new smart monitor!

To get started, please read the following instructions – or scan the QR code below using your the camera on your smartphone.

**Do not activate your monitor
until installation is complete**



Scan the QR code

Installing your BoilerJuice smart monitor

Step 1. Prepare for the installation

Important notice: Please handle the device with care. This is a precision instrument, and should be handled with care when installing to avoid damage.

Carefully remove the monitor and accessory bag from the packaging to avoid any damage.



Unscrew and detach the collar, which is the ring located at the base of the monitor.

This collar may need to be fitted to the tank if a mounting joint is not provided.

Step 2: Inspect your tank for an existing mount

Check your tank to see if it already has a hole for installing the monitor. Remove the existing cap (usually secured by two screws) shown in the illustration below.



If the hole has a 1" BSP thread, the monitor can be directly installed without the need for drilling or additional components.

Most tanks have a pre-made hole for device installation. If this hole is about the size of an inch, it's likely a 1-inch BSP thread (a standard size for fittings) that the monitor can attach to.

If your tank has this type of hole, you can simply screw the monitor mount directly into it without needing to drill a new hole or use the extra collar. **It is important to note that the vent hole should not be used for installation, as this may compromise the tank's functionality.**

Step 3: Drilling a new hole (ONLY if necessary)

If your tank does not have a suitable mounting hole, you, or a professional will need to create one.

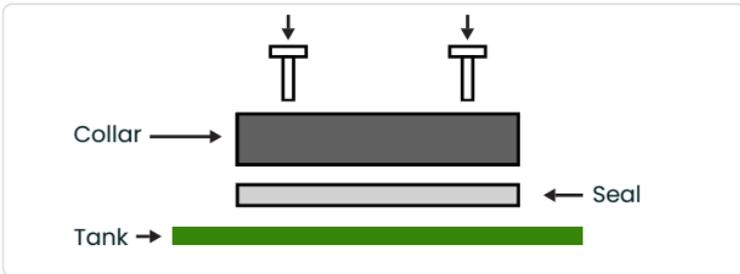
If the tank is metal, or you would rather peace of mind that your monitor is installed correctly, we recommend seeking professional installation.

Important notice: BoilerJuice takes no responsibility or liability due to the modification of the tank. We recommend professional installation where possible. For professional installation, please contact our team at connected@boilerjuice.com or call 01480 775454.

For information on how to do this, see page 8. Alternatively, a professional can ensure the hole is drilled safely and precisely, and that the monitor is securely fitted.

Step 4: Mount the collar and monitor

If required, align the rubber seal with the tank's mounting point. Place the collar on top and secure it with the provided screws from the accessory bag.



The monitor cable is intentionally three metres to suit all tank sizes. Please do not alter or modify this device in any way.

Delicately feed the monitor cable into the tank, **it's important the sensor reaches and settles at the base of the tank and doesn't collide with, or rest on, any internal ledges or shelves.** Once positioned correctly, place the monitor on the collar and twist to secure it.

Screw the monitor into the collar by hand, ensuring it is tightened sufficiently to form a proper seal.

Avoid using tools to tighten the monitor, as over-tightening may cause damage. By following these steps, your monitor will be securely installed and ready for use.



Step 4: Activate the monitor

Press firmly on the **'Activate Monitor'** button on the front of the monitor and **hold button for three seconds**, until the green light flashes.



Once activated with the button press, the red light will start blinking quickly. When the monitor finds a network connection, the light will switch from red to green, with the number of green blinks showing signal strength—1 is low, 5 is high.

The red light begins to blink again as the monitor starts to register itself to our system, slowing down as it completes. Finally, when both lights turn off, the setup is complete.

Congratulations, your BoilerJuice smart monitor is installed!

What happens next?

Your first reading should be visible on the app within 48 hours. We'll start monitoring your oil level immediately.

You can download our app using the QR codes on the back of the instruction booklet. If you have already got the app installed, it will update in due course to show your monitor readings.

Creating a suitable entry point for your monitor

If your tank doesn't have a suitable hole, you or a professional will need to create one.

Important notice: BoilerJuice takes no responsibility or liability due to the modification of the tank. We recommend professional installation where possible. For professional installation, please contact our team at connected@boilerjuice.com or call 01480 775454.

Prepare the location:

Choose an accessible spot where the monitor will be easy to see and fit securely without obstruction. Mark the spot using a ruler or measuring tape, ensuring the hole will be approximately the size of a 50-pence piece (28–30 mm). A coin or similar object can help you trace the circle. Please do not place in, or near a vent.

Drill the hole (28–30 mm):

Use a hole saw or stepped drill bit for a clean, precise cut. If unsure about tools, consult a professional or a hardware store for advice. You will also need to drill holes for both screws as well.

Once the hole is drilled please continue with 'Step 4: Mount the collar and monitor'.

Troubleshooting and frequently asked questions

My monitor is on my tank but nothing is happening, what should I do?

Don't worry, the first step is to check that the activation button on the monitor has been pressed firmly. The lights on either side of the button will start to flash after a minute or two. It is not essential to wait around to see this.

Within 48 hours of installation and button activation, you will be able to view your oil level within the 'My Tank' section of your online account at BoilerJuice.com.

I have poor mobile phone signal, can I still use the Connected monitor?

The monitor is fitted with a sim card which is not dedicated to any one mobile phone provider but is constantly searching for the strongest signal in the area to ensure a reliable service.

Safety information

Safety guidelines:

Warning notices must be observed to ensure personal safety as well as that of others, and to protect the product and the connected equipment. These warning notices are accompanied by a clarification of the level of caution to be observed.

Applicable products:

This document includes safety-related information applicable to the following products:

- SG08-EXT-PRESS / SG08-INT-PRESS
- SG06-EXT-PRESS / SG06-INT-PRESS
- SG06-EXT-WIRE / SG06-INT-WIRE

Instructional safeguards

The following warnings/cautions are provided as supplementary safeguards to reduce the likelihood of a transfer of energy capable of causing pain or injury to persons, or damage to property.

WARNING: Danger to children

Fuel tanks and this product pose a health & safety risk to children. Children should not be involved in the installation or operation of this device.



WARNING: Toxic/Irritant Fuel/Oil/Other

Potential for exposure to toxic compound or skin irritant Wear the appropriate PPE when replacing the battery.

WARNING: Risk of explosion or fire

Potential for damage to property or harm to person due to explosion or fire. Only use batteries supplied by the manufacturer.

WARNING: Risk of explosion or fire

Potential for damage to property or harm to person due to explosion or fire Only use batteries supplied by the manufacturer

WARNING: Toxic/Corrosive battery electrolyte

Potential for exposure to toxic/corrosive compound which can result in harm/injury. Wear the appropriate PPE when replacing battery or inspecting failed unit

CAUTION: PCB sharp edges

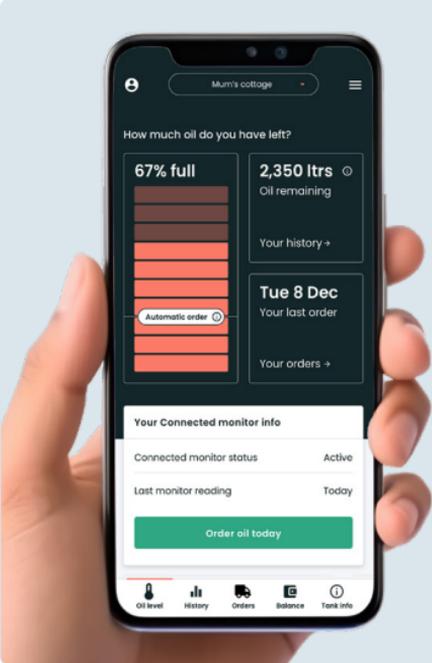
Potential for cuts or grazes to hand Take care of PCB when replacing battery.

WARNING: Risk of explosion or fire

Potential for damage to property or harm to person due to explosion or fire. Ensure the polarised battery connector is inserted in the correct orientation.

The BoilerJuice app is available on both Android and iOS app stores.

Welcome to the future of heating oil management with the BoilerJuice mobile app. Download the app today and experience all the BoilerJuice convenience without compromising on value.



Android app store

iOS app store

Having trouble installing?

If you have any questions, or if you would like us to arrange for professional installation, please contact our team at connected@boilerjuice.com or call **01480 775454**.