



Your Safety...Our Commitment

Technical Bulletin



Odorator 2 GPS Rollover Resolution Notice

12/16/2022

What happened?

On September 18th, 2022, a [GPS Week Number Rollover Event](#) occurred that is affecting all or most Odorator 2 instruments, causing them to display and record the current date as 1024 weeks (19.6 years) in the past.

How will this affect you?

This event is affecting the current date displayed on the instrument, in recorded data, and on reports that are generated in OdorSeer for any readings done on or after September 18th, 2022. The time, readings, GPS coordinates, and any other instrument data contained in the report remain unaffected. The calibration date and calibration due date are correctly recorded within the instrument; however, the instrument will not provide an alert when it is due for calibration, as its current date is 1024 weeks in the past.

What is being done about it?

A new version of OdorSeer and OdorSeer Remote (V1.1.4) has been released which will correct the faulty dates on any records which had previously been imported, and which will automatically correct the faulty dates on new records as they are imported. This update also adds some frequently requested features, such as allowing the user to create a backup of their database and set the calibration due date out to 15 months instead of 12.

When first opening the new version of the software a popup window will be displayed which informs the user that the database was backed up, and that incorrect timestamps were patched. Moving forward, all readings or periodic fix data that is imported will automatically be corrected in the background.

It is important to note that this software update does not fix the underlying problem. The current date inside the Odorator 2 is still 1024 weeks in the past and this will continue to appear in two ways: Instruments will display the incorrect date during their startup sequence, and instruments will not alert the user that they are due for calibration (though OdorSeer will). A firmware update (V1.40) has also been released that resolves the issue, and this will be applied to all instruments when they are next sent in for annual calibration (or upon request).

What do you need to do?

OdorSeer and OdorSeerRemote V1.1.4 is available now and can be downloaded at no cost from our website at <https://heathus.com/software-downloads/odorator-2-software-download/>. This link leads to a form which will require the user to agree to an End-User License Agreement, at which point it will download the installers for both programs, along with product and user manuals.