

Rod Ruddick can fix the Cambridge Model 20-25 Black Boxes

Rod says the Cambridge GPS 20-25 uses a Garmin 25 GPS engine and these come in two different varieties. One has a rechargeable battery of 7.5 mAH and the other a non-rechargeable 250 mAH. The Garmin data sheet advises that the rechargeable battery is good for around 6 months after last use but you need to remember that these units are now over 20 years old and I am taking the approach of replacing both batteries (GPS engine and security battery) since the older batteries will have lost some capacity anyway. I then re-program the GPS engine and reset the UTC date then re-assemble and re-secure. The units with non-rechargeable GPS engine battery do not appear to lose their UTC date but you do not find this out until you have taken the unit apart so I have been replacing their batteries anyway. Have done some 10 units so far. To check your Cambridge run the unit and scroll left to the Latitude screen then down to the UTC date. If the date is correct then you have no immediate problem but think about getting it done before next season. Also consider running it for a couple of hours during winter using the power supply that you use for downloading as this will recharge the rechargeable battery.

Send your unit to Rodney Ruddick, 30 Kahu Rd, Paremata, Porirua 5024 and the fix is \$90 if you provide return courier bag. Turnaround is about one week depending on numbers at the time.