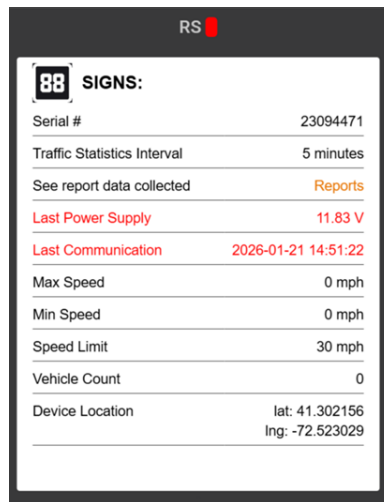




# Changing Batteries in Your Speed Feedback Signs

As members of the T2 Center Safety Circuit Rider team made their way across the state delivering new speed feedback signs, they were often alerted to the issues with the older signs. One common issue is that the original batteries are getting toward the end of their lives. As the battery power decreases, the modem that sends data to the cloud is the first component affected, which will cause the sign to lose communication. Your sign will still display speeds, but you won't be able to access the data on the cloud.

An easy way to check your battery power is to sign in to the Traffic Logix cloud and find your speed feedback sign on the map. After you find your sign location, click on the icon and find the Last Power Supply. If the number is in red, the batteries are not supplying enough power to your sign.



New batteries are easily found at several big-box online retailers or local power supply stores. Before you shop for new batteries, check the ones in your signs to ensure you're buying the correct replacement. The new batteries must be 12V, 18 Ah AGM Deep-Cycle batteries with the same positive and negative terminal configuration as the ones currently in your signs. All batteries should be replaced at the same time.

To replace your batteries, open the back of your speed feedback sign with the black plastic key. Disconnect the wiring by sliding the wire off the metal "ears" that are attached to the positive and negative terminals on the battery. Slide the battery upward approximately three inches, then pull the bottom of the battery toward you and slide it out. If your new battery didn't come with hardware, reuse what was attached to the old battery. Once the new hardware is attached, match the positive and negative terminals on the battery to the wires in the sign and put the battery back in the sign in reverse order of how you took it out. Attach the wires to the correct terminals and your new battery is ready to go.

If you have any questions regarding this process or any other speed feedback sign-related issues, please contact Jason Hughes, Safety Technical Associate, at [jason.hughes@uconn.edu](mailto:jason.hughes@uconn.edu) or Shawn Barry, Safety Technical Associate, at [shawn.barry@uconn.edu](mailto:shawn.barry@uconn.edu).



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