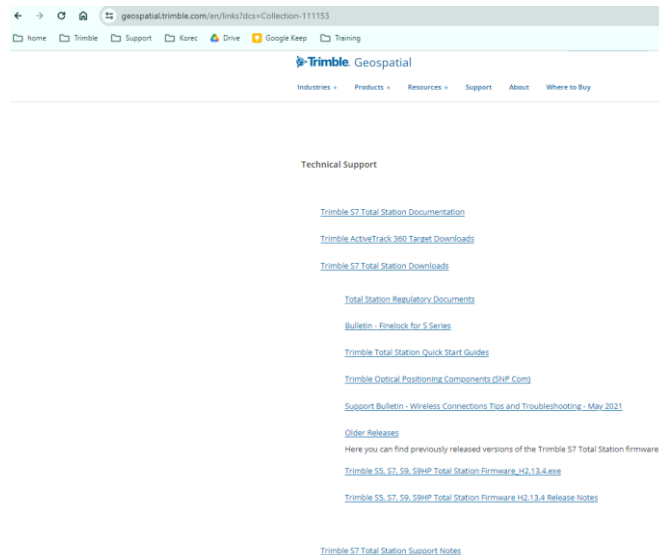


Reinstalling the firmware on a Trimble S-Series Total Station

This guide details how to update or reinstall the firmware on an S-Series total station.

A newly purchased total station will already have the latest firmware version installed. Firmware can also be downloaded from each of the product pages, under the **Downloads** section:

- S5 <https://geospatial.trimble.com/en/links?dcs=Collection-111143>
- S7 <https://geospatial.trimble.com/en/links?dcs=Collection-111153>
- S9 <https://geospatial.trimble.com/en/links?dcs=Collection-111162>
- S9HP <https://geospatial.trimble.com/en/links?dcs=Collection-111162>



NOTE:

- Trimble Optical Positioning Components R4.8.52 (or newer) must be installed on the PC before you can load the firmware. A .ZIP file containing this software and required components can be downloaded from one of the above links under Downloads.
- Some users may need to **manually** remove all previous versions of Trimble Optical Positioning Components from the PC before installing a new version.

Checking the current firmware version on the instrument.

To check the version of firmware that is currently on your instrument:

1. Turn on the Trimble Total Station by pressing the trigger key on the side of the instrument.
2. Navigate to the Setup menu on the face-2 display.

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3. Select Firmware version from the Setup menu. This will display the version of firmware installed on the instrument

Upgrading the firmware on the Total Station:

- To upgrade your Trimble Total Station firmware version first download the file “Trimble S Series Total Station Firmware Update H2.13.4.exe” from one of the links to the product page above.
- Connect a Hirose 6-pin to PC USB cable from the instrument port labelled COM to a USB port on the office computer.

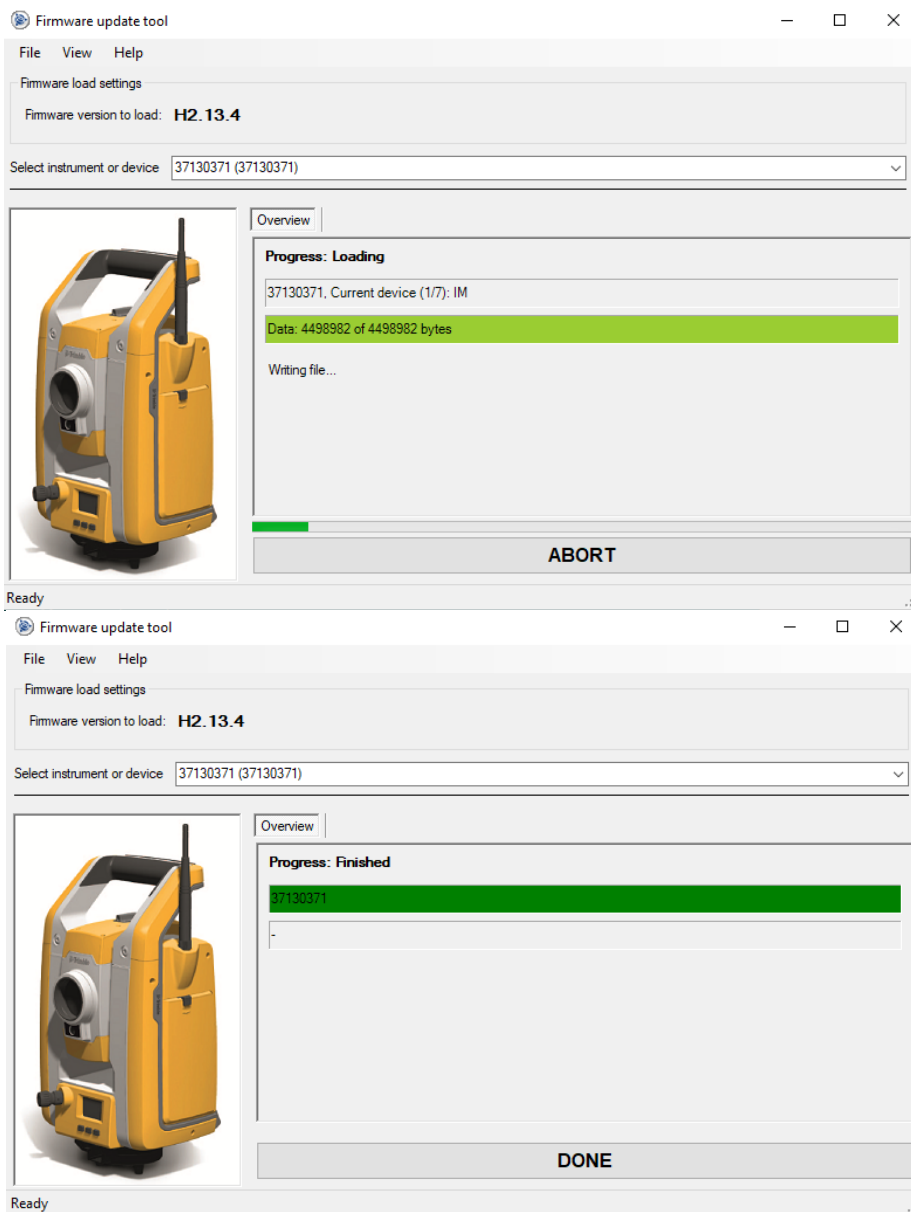


- Ensure that the instrument is not connected to any controller and the Trimble CU is removed, and now insert a fully charged battery into the instrument.
- Turn on the Trimble Total Station by pressing the trigger key on the side of the instrument.
- Run the Firmware Update .exe file that you saved on the office computer to begin the firmware upgrade.
- Follow the instructions in the installation wizard to complete the upgrade.

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- Once the update has run, click done to close the update wizard.
- Now disconnect the hirose cable from the instrument and power off the total station.

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