

How to Update CAN Nodes with the Viper 4

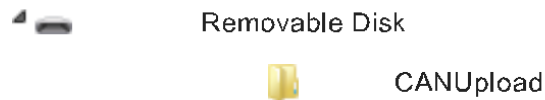
Information

Details

Downloading CAN Node Updates

Visit RavenHelp.com - [CAN System](#) to download the CAN Upload package which includes software for all Raven nodes. If you choose to only update a particular node in your system, visit the specific page for your node to download the update.

The download will be a compressed file, which will need to be extracted to the root directory of your USB drive. The USB root directory should appear as below after the extraction is complete.



Importing CAN Node Updates

With Raven Operating Software (ROS) on the Viper 4, CAN node updates must first be imported into the Viper 4 before they can be installed on the nodes.



1. Select your USB drive from the USB drop-down.
2. Select **CAN Node Update** from the file type drop-down.
3. Use the blue "Next" arrow to advance. The folder structure on the USB will now display.
4. Select the **CANUpload** folder. All node update files on the USB drive will appear in the bottom of the window.
5. Place a check mark in the node updates for the desired nodes, or place a check mark in **Select All** to import all of the update files.
6. Select one of the following:



Copy - Copies the files to the Viper 4 (original files are left on the USB drive).



Move - Moves the files to the Viper 4 and deletes them from the USB drive.

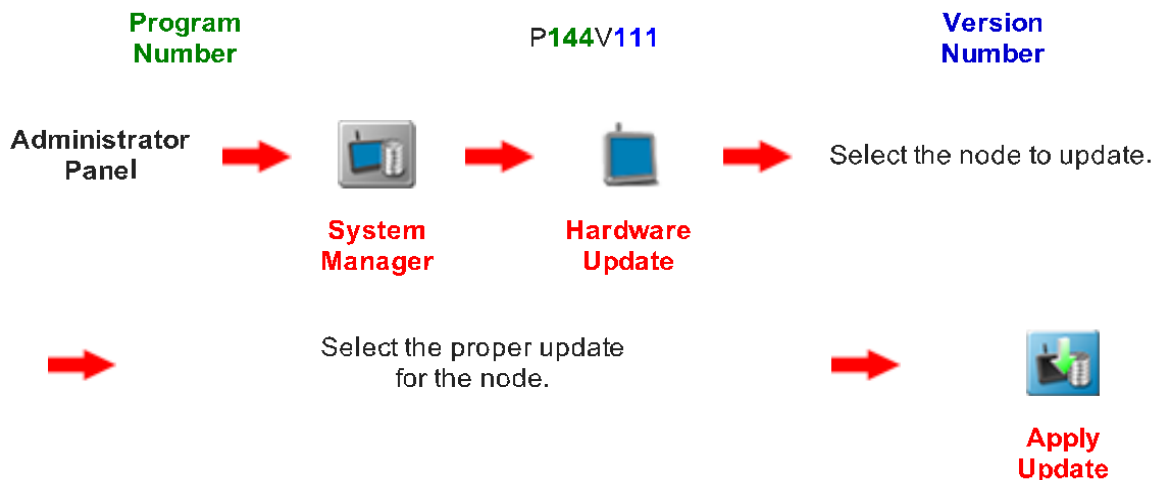
7. Select the green check mark to import.

Installing CAN Node Updates

Note: *ISOBUS nodes cannot be updated using the following process. ISOBUS updates can only be performed using the Raven Service Tool.*

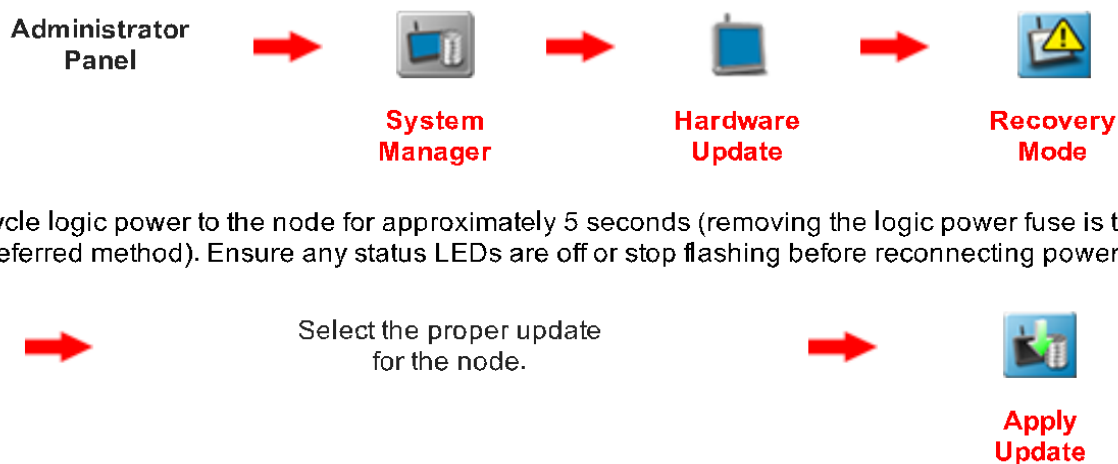
Important: Be sure to verify the correct node update using the program number associated with the node and the update. If the wrong update is selected, the node will need to be repaired. Please refer to the article ["Can I get my Raven Product Repaired?"](#) for information on how to send in your unit for repair.

Node Program Example



Using Node Recovery Mode

If a CAN node update fails, it is possible to recover it using Node Recovery Mode.



Cycle logic power to the node for approximately 5 seconds (removing the logic power fuse is the preferred method). Ensure any status LEDs are off or stop flashing before reconnecting power.

If recovery fails, attempt the recovery one more time. If it still fails, the node will need to be sent in for repair.

Attachment

Attachment