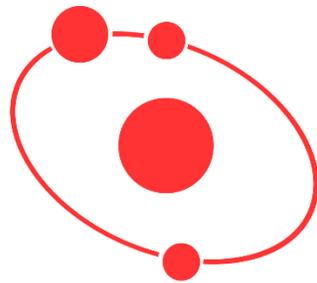


AMPERE **EV**



ATOM
DRIVE SYSTEM

GUI Update Guide

Lawson Sumner

Revision 2.1



CONTENTS

OVERVIEW	3
FILE PREPARATION	3
APPLICATION INSTALLATION	3
MANUAL DASHBOARD-ONLY UPDATE	4
MYREALDASH LOGIN, DASH, AND CAN UPDATE	5
REVISION HISTORY.....	10



OVERVIEW



As new features and improvements are made to the Ampere EV GUI, updates may be desired or necessary. The Ampere EV GUI is built as an application on the Android OS operating system. Installing updates to the Ampere EV application is the same as manually installing any Android application from a USB drive. Follow the below steps to update your GUI. Contact Ampere EV for the latest Ampere EV GUI application.

The Ampere EV application and dashboard can be updated separately. The application will include the latest dashboard at the time of its release, but for visual-only updates a dashboard file only may be released.

FILE PREPARATION

1. Use a FAT32-formatted USB flash drive.

APPLICATION INSTALLATION

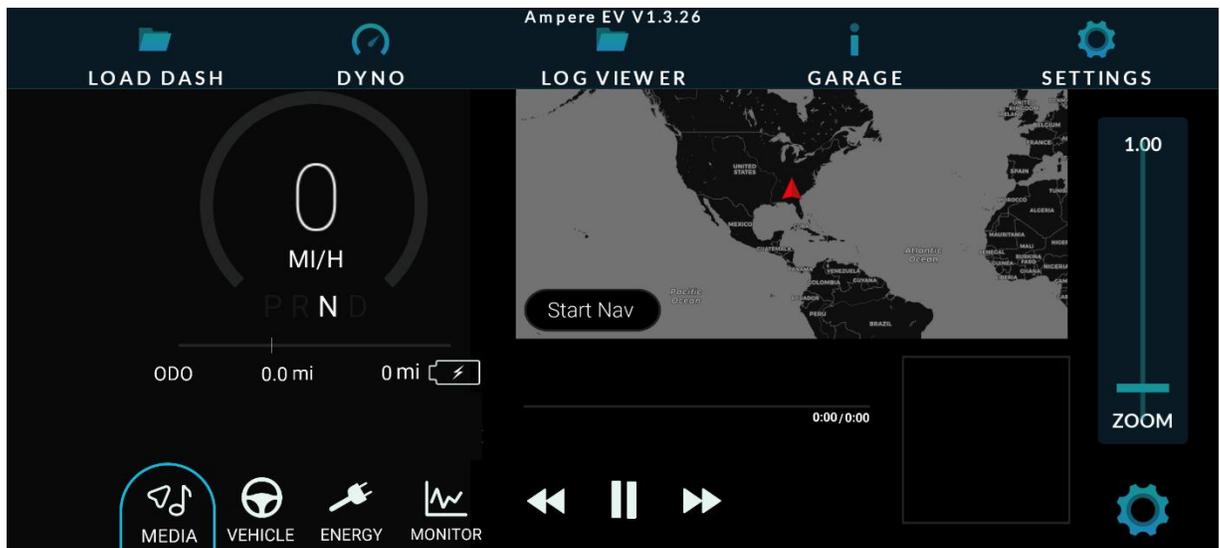
1. Download the latest vXXX-ampere-ev.apk file from [Software Releases Archives - Ampere EV](#)
2. Copy the latest provided Ampere EV APK file to the base directory of the flash drive.
3. Plug the USB drive into one of the USB ports on the head unit.
4. Power up the car so the head unit is on.
5. Go to the home screen of the device.
 - a. There is a white dot, usually on the left-hand side of the display, that once pressed will give you a home button to press.
6. Open the File Manager application.
7. Go to the USB folder.
8. Click on the Ampere EV GUI APK file and then click "Install".
9. Once installed, power off the car and wait 30 seconds.



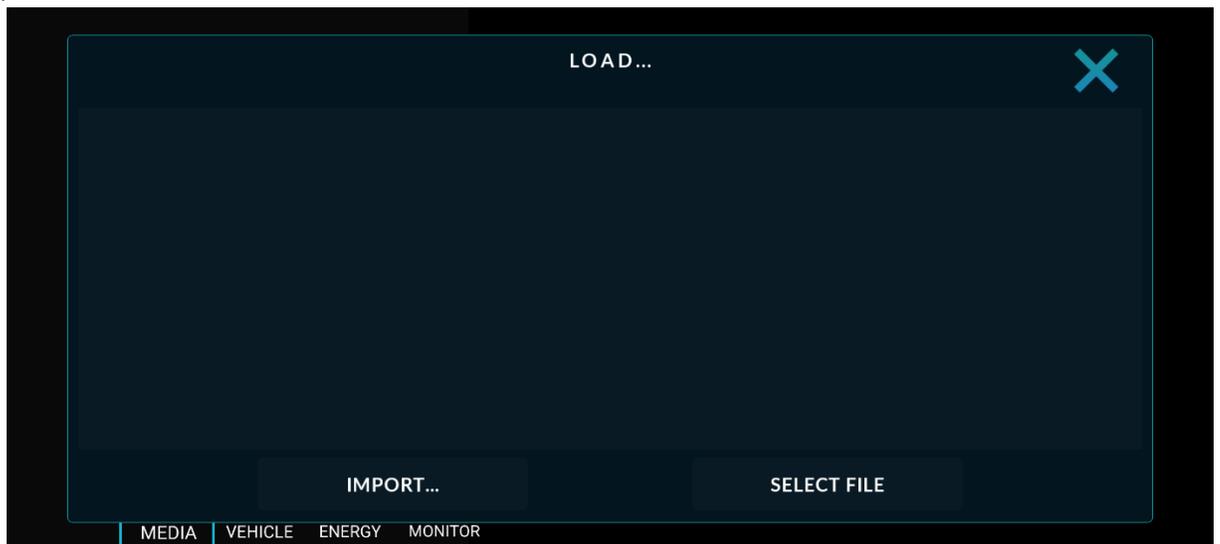
10. Power on the car.
11. The vehicle will ask you to set a navigation application. Follow the prompts to set the Ampere EV application as your navigation app.
12. Install is complete and USB can be removed from the device.

MANUAL DASHBOARD-ONLY UPDATE

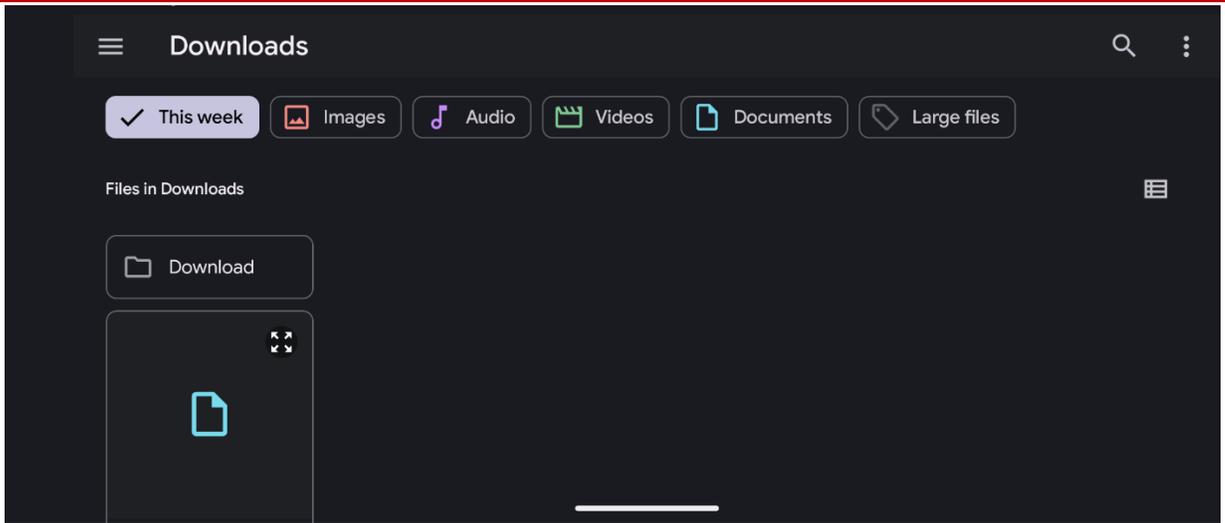
1. Download the latest Ampere_Dash_XXX.rd file from [Software Releases Archives - Ampere EV](#)
 - a. Choose the correct dashboard file for your screen type.
 - i. 7", 8", and 10" Screens - 1280x800
 - ii. 11" Screens – 1920x1080
2. Load the dashboard file onto a USB flash drive and plug it in to the head unit.
3. In the Ampere EV application, tap the top of the screen to open the menu.
4. Tap "Load Dash"



- a.
5. Tap "Import..."

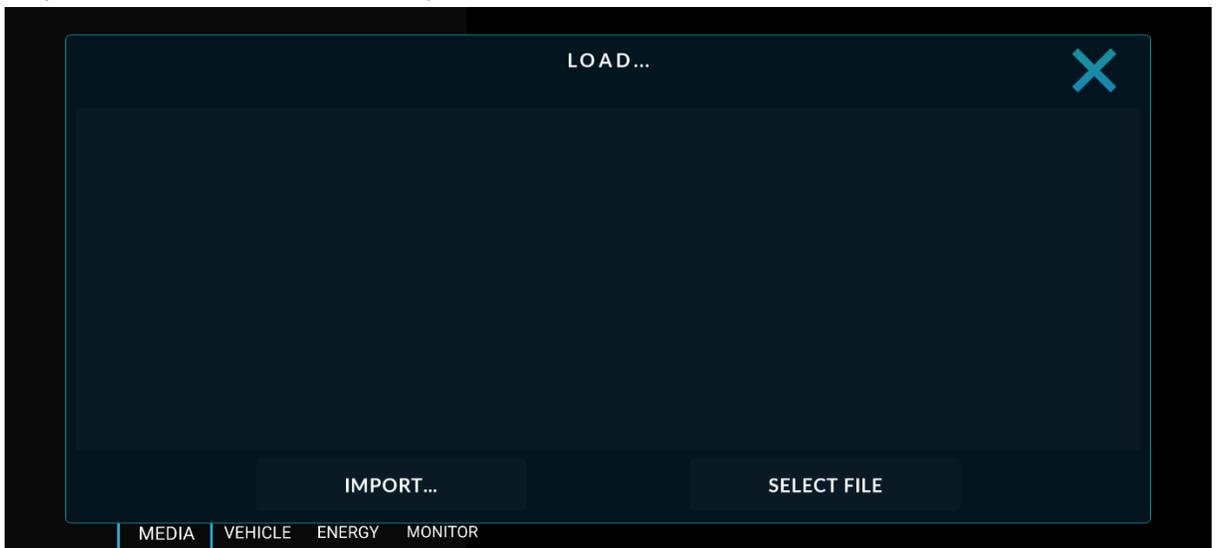


- a.
6. Browse via the file manager to your USB drive and select your dashboard file.



a.

7. Tap your imported dashboard file and then tap "Select File"



a.

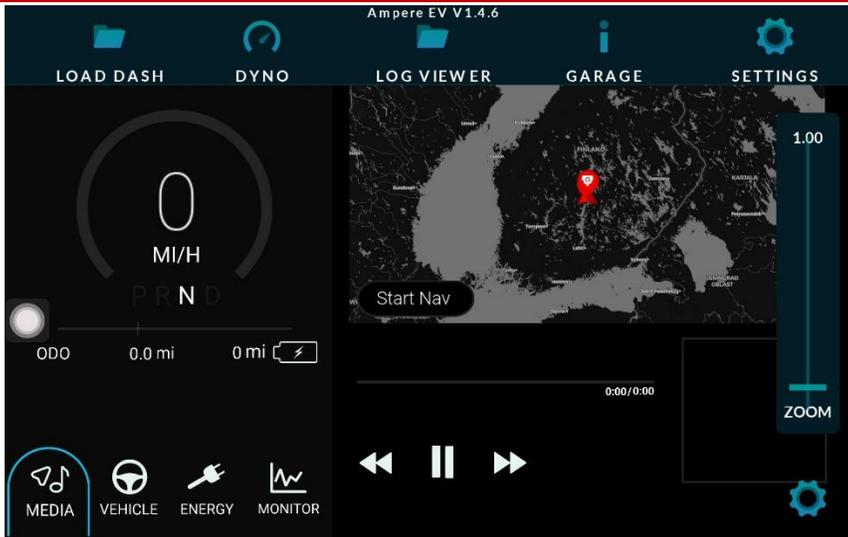
8. Your dashboard should be loaded and the update is complete!

MYREALDASH LOGIN, DASH, AND CAN UPDATE

To use the MyRealDash features and cloud updateable dashboard, you must be running Ampere EV APK v245 or newer.

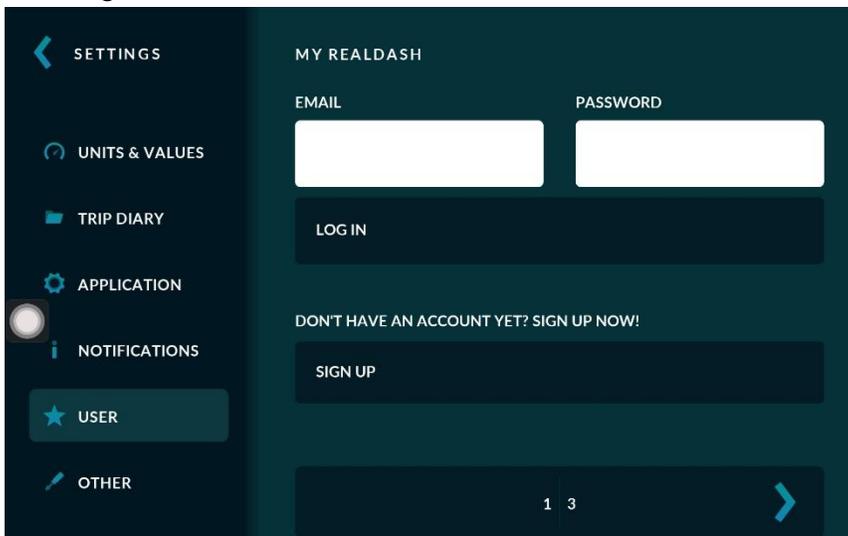
Login to MyRealdash

1. Go to the "Settings" Page by tapping the top of the screen and then the Settings menu.



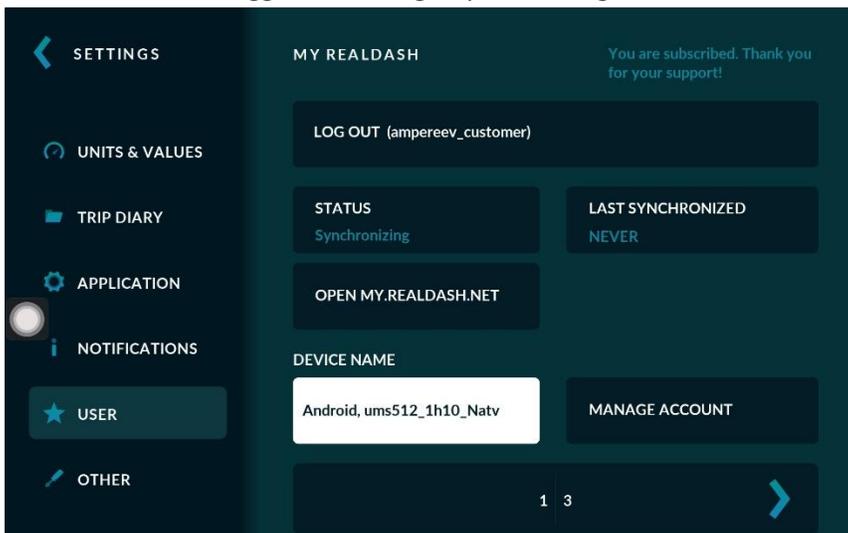
a.

2. Go to User settings.



a.

b. Login using realdash@ampereev.com as the user and “ampereev” as the password. It should give you confirmation when logged in and begin synchronizing.

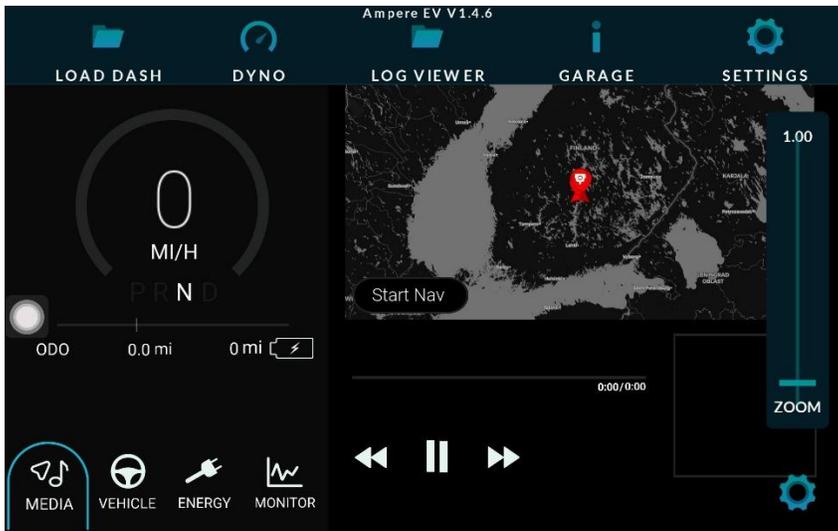


c.



Select and Update Dashboard Online

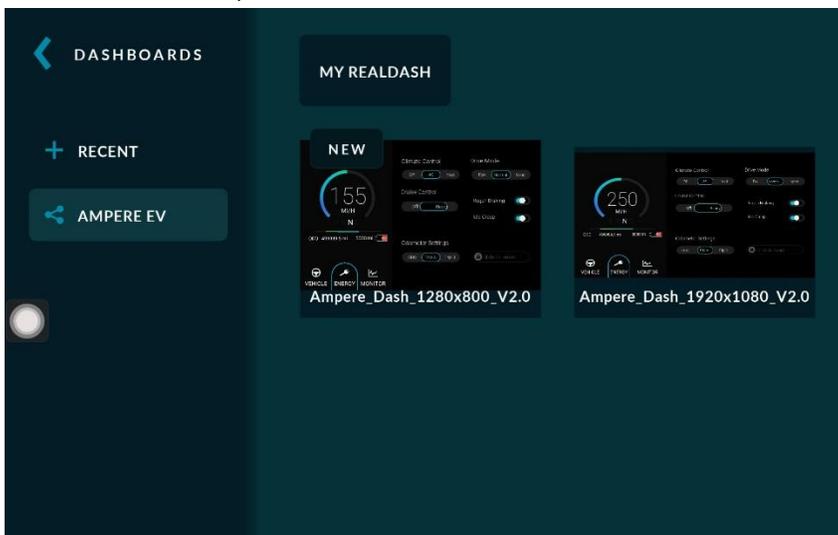
1. Tap the top of the screen and select “Load Dash”



a.

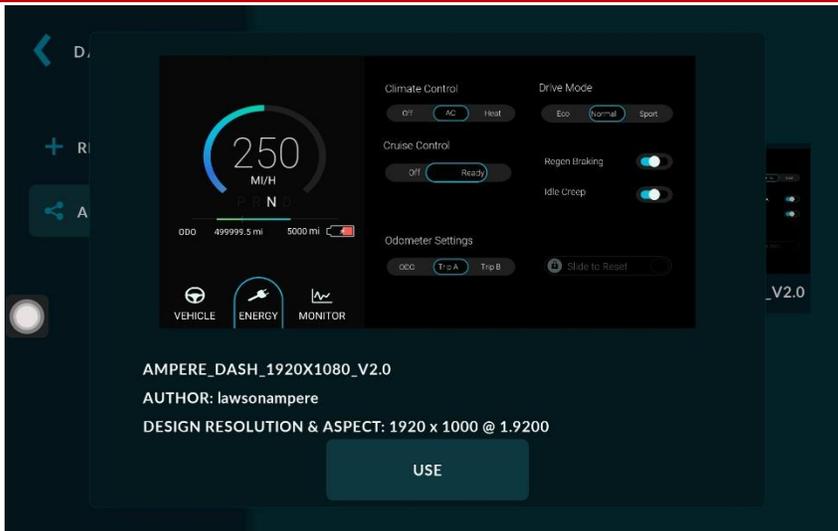
2. Tap “Ampere EV”

- a. Select the dashboard that corresponds to your hardware’s screen resolution. 9” and below screens use the 1280x800 resolution, while 10” and 11” screens use the 1920x1080 resolution.



b.

3. Tap “Download” and then “Use” once the download is finished.

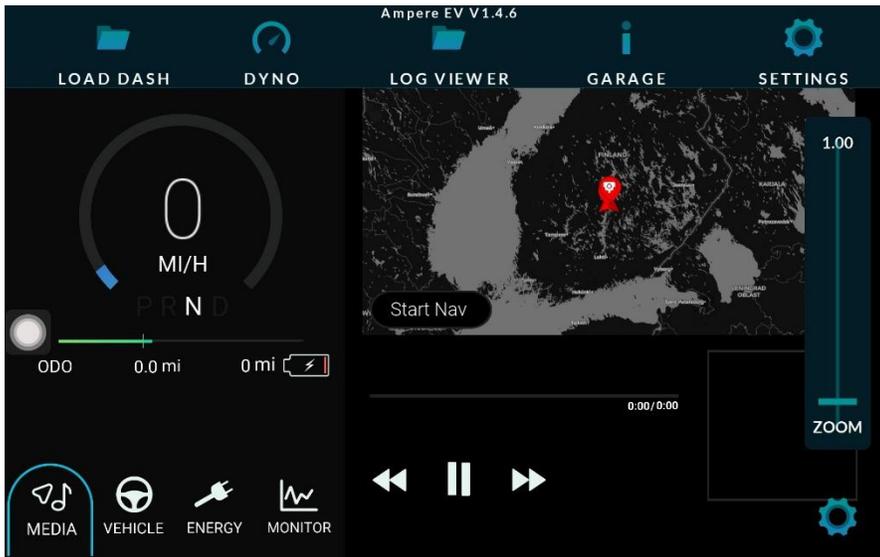


a.

4. You can return to this screen to update to a new dash version in the future.

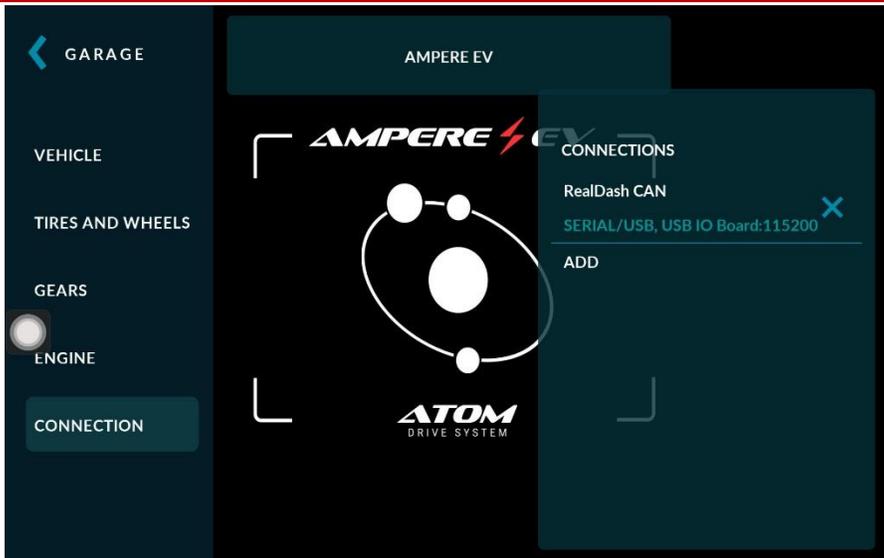
Update CAN XML file

1. Tap the top of the screen then select the “Garage” page.



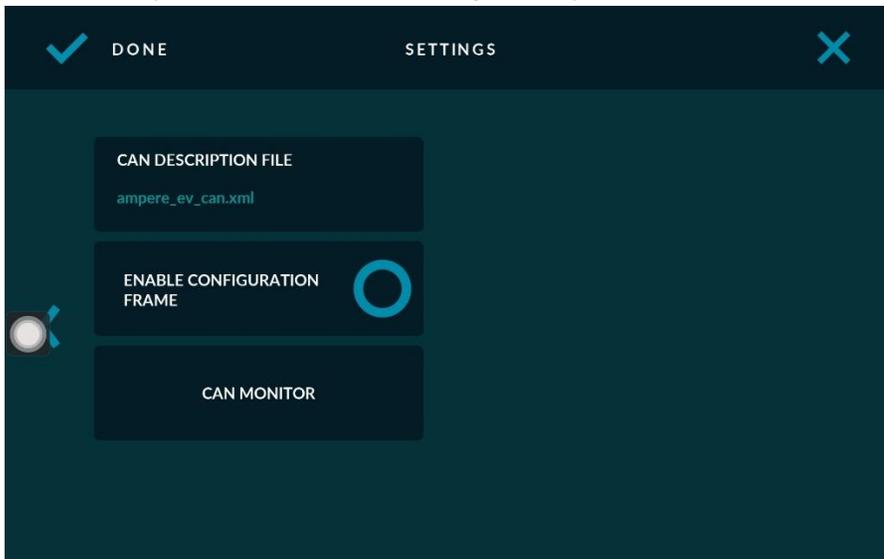
a.

2. Go to the Connection settings.



a.

3. Select the CAN Description File. Use the file manager to import the new xml file.



a.



REVISION HISTORY

Version	Description of Version/Changes	Updated by	Date
1.0	Initial version.	Lawson Sumner	4/18/23
2.0	Instructions added for dashboard update	Lawson Sumner	12/19/24
2.1	MyRealDash Setup Instructions	Lawson Sumner	01/20/25