**ECU PROGRAMMING INSTRUCTIONS**

**Updating the Sentinel ECU**

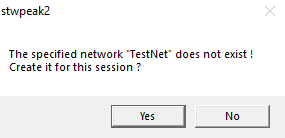
1. Make sure that the PCAN programming adapter is plugged into the USB on your computer. Be sure the Sentinel ECU is powered on (2 green lights by harness connector).



1. Find the **Program** Connector on the ECU Harness. It is a 4 pin Deutsch connector.
2. Connect the programming adapter cable (212-02-3579Y1) between the PCAN USB adapter and **Program** connector on the ECU Harness



1. Extract the “ECU Updater.zip” file previously downloaded.
2. Within the extracted “ECU Updater” folder, double click “ECU Updater.exe”. (Note: If the program does not open, see “App Verification” below.)
3. If you have not previously installed the necessary CAN drivers, you will be prompted to do so. The installer program should automatically launch and a pop-up will display the instructions. (If it does not automatically launch, start it by double clicking pcan-usb\PeakOemDrv.exe within the “ECU Updater” folder.)
4. In the ECU-Updater program, click the Select File button and choose the file to be loaded on the ECU. The file will end in .syde\_sup. (Note: If the path to the file contains a space, you will be prompted to move it.)
5. Click the Update button. If the popup shown below is displayed, press Yes and then OK on the next popup screen.



1. When finished, a pop-up will indicate “Controller Successfully Updated”.

**App Verification**

If the program fails to open, it typically caused by one of two Windows safety features. The solution to each is explained below.

1. Unrecognized App: In this scenario, the pop-up shown below will be displayed. Click on “More info” (outlined in red) and then click “Run anyway”.



1. Microsoft-verified: Instructions to fix this issue can be found at the following link:

<https://support.microsoft.com/en-us/windows/change-your-app-recommendation-settings-in-windows-f21b5c60-e996-4ee4-c2cf-b4a90c0bef9b>

