Installation of BAFX ELM327 Device for use with Azuga ELD, Inc.

Note: The first few instructions below is for an initial connection to the BAFX ELM327 device. If you have already paired the BAFX ELM327 device to your phone or tablet, proceed to Step 4.

Step 1 – Connect the device using BAFX ELM327 to J1939 Adapter Cable.

1. The device plugs directly into the J1939 adapter cable. The cable then plugs into the vehicle's J1939 socket. The device does not have special prerequisites or need installation from authorized personnel.
2. After the device is plugged into the socket, the red LED turns on and stays on constantly. This means the device is powered and operational. The other lights come on when data is being transmitted.

Step 2 – Enable Bluetooth functionality on your Android phone or tablet.

1. From the main screen, Go to Settings.
2. Tap Bluetooth (under connections).
3. Tap the switch for "OFF" to "ON" position to turn on Bluetooth and put your Android phone or tablet into pairing mode.

Step 3 – Pair your Android phone or tablet with the BAFX device.

1. Upon completion of Step 2 above, the Android phone or tablet should display a list of available Bluetooth devices. In case the list is not available, tap on the "Scan for Devices" or "Search" button.
2. After a few seconds, the "OBDII" device should appear on the list of the Available Devices. If the device is not available in the list, make sure you are in close proximity to the BAFX ELM327 device (less than 32 feet or 10meters), and the BAFX ELM327 device is powered on (see Step 1 above).
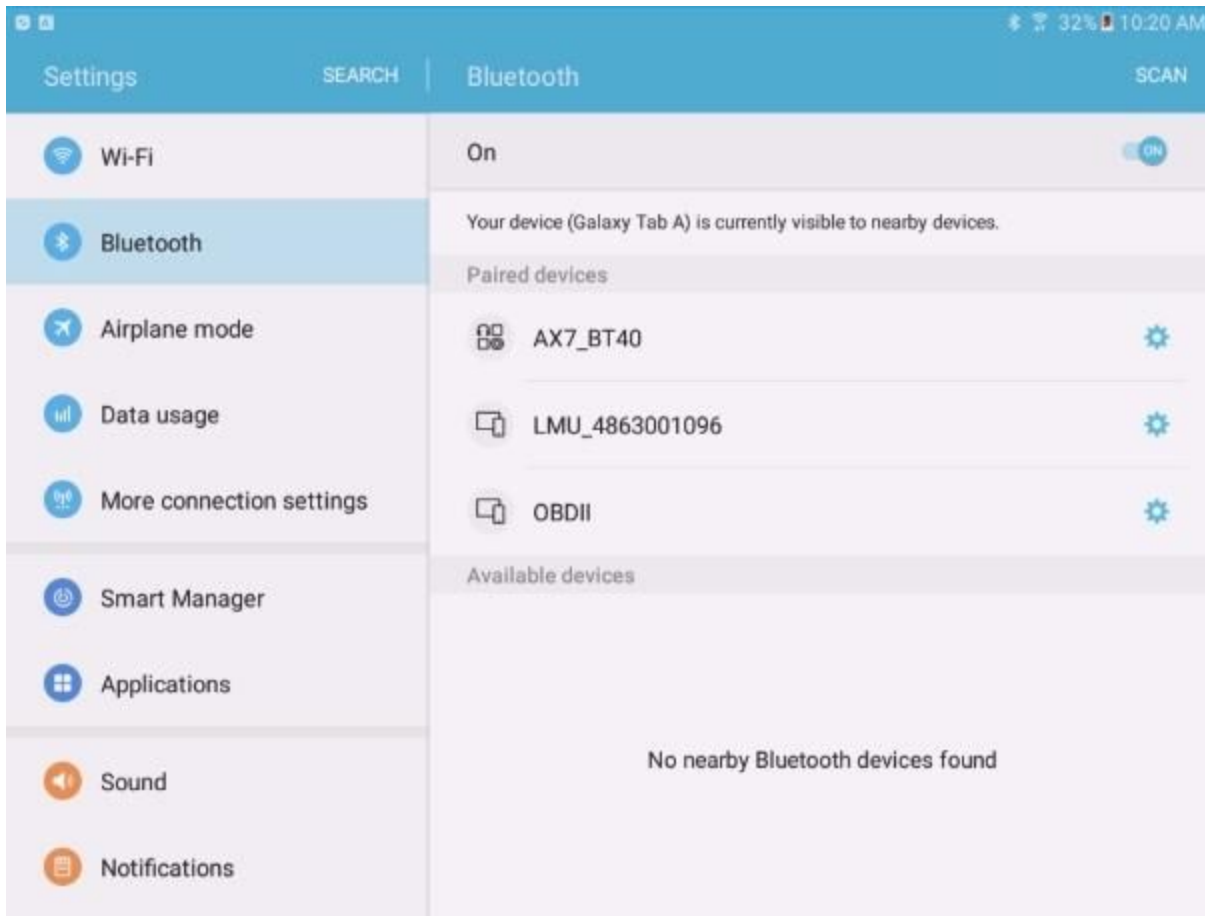3. Tap on the "OBDII" device, then the device goes into pairing mode and the "Pairing…" message is displayed.
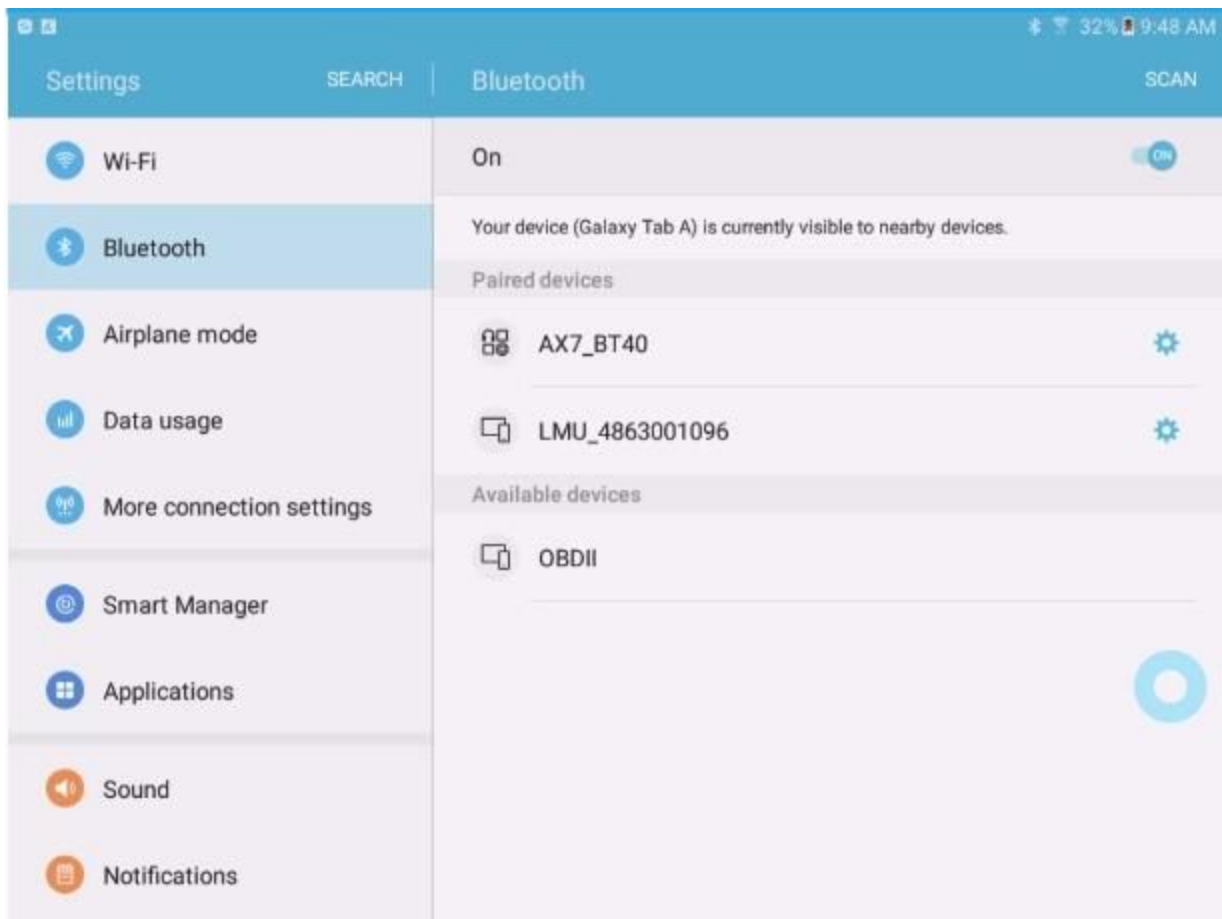
4. Pairing the BAFX device requires a PIN code. The PIN code for the BAFX Device is 1234. After entering the PIN and clicking OK, the pairing process should complete, and "OBDII" will appear in the list of "Paired Devices."
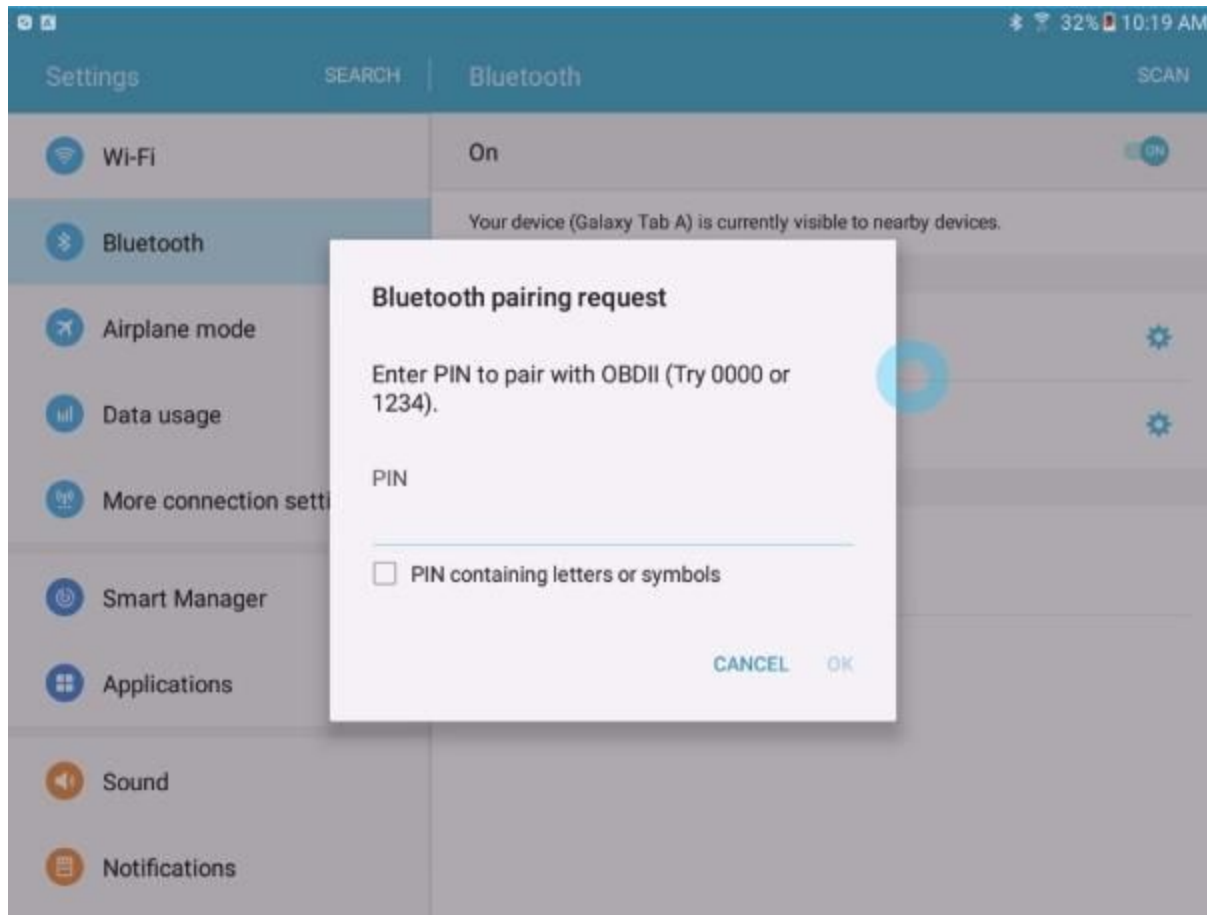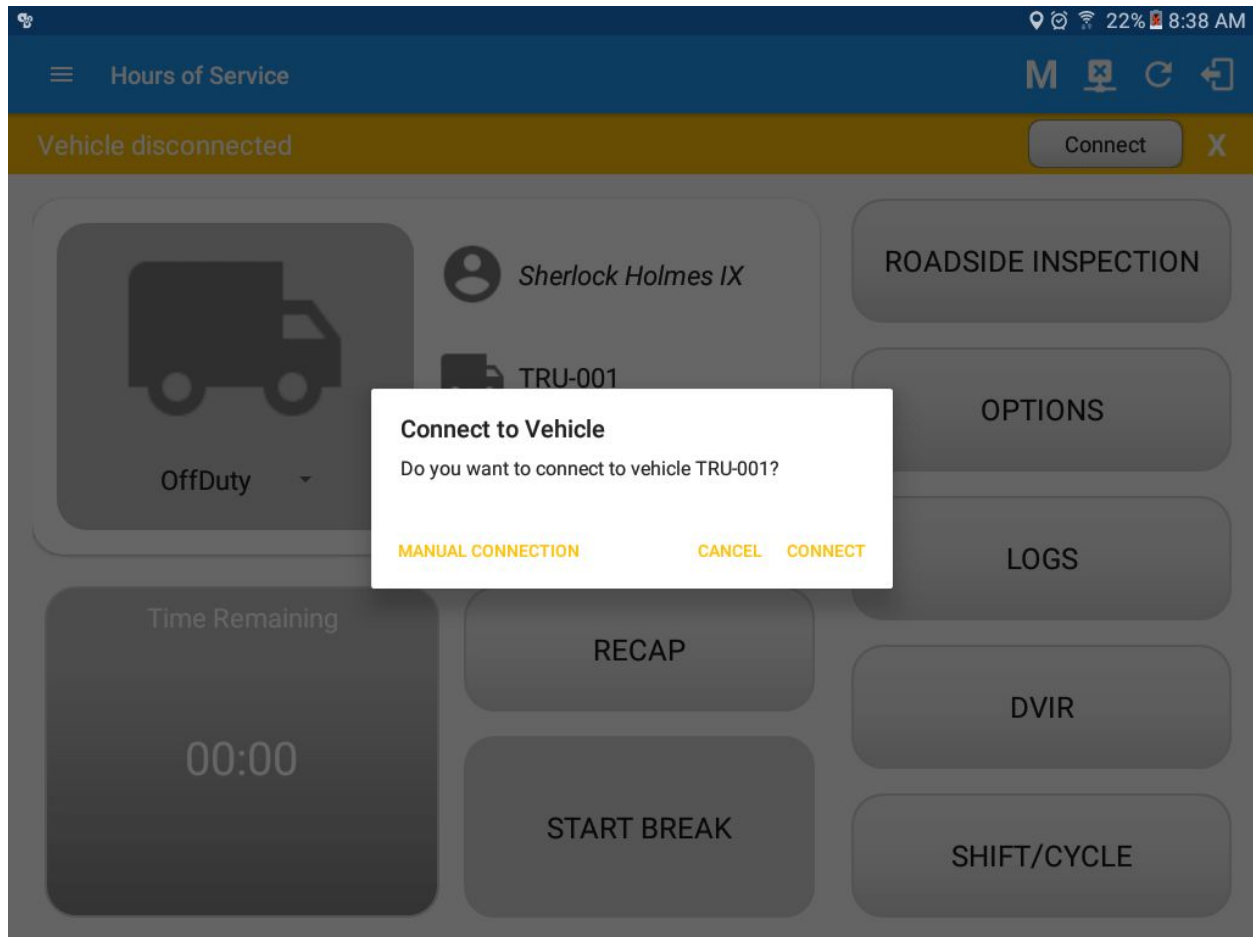
5. You can rename the paired "OBDII" device into something more meaningful, like "Truck 1" if you prefer. Tap on the blue gear button (*) to "Rename" or "Unpair" the device.

Step 4 – Use the Azuga ELD Mobile App with the paired BAFX ELM327 device.

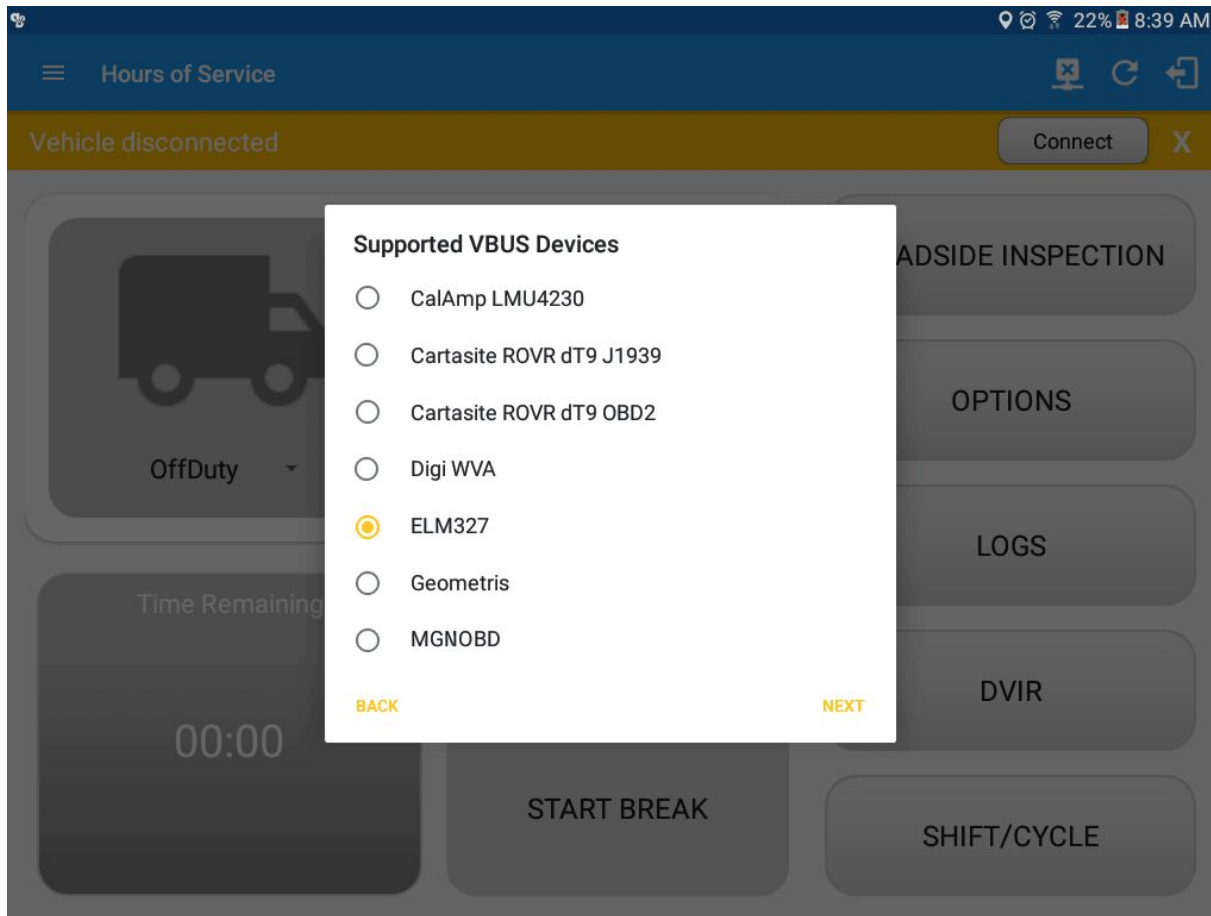1. Open Azuga ELD app (or Branded App)
2. Tap on the VBUS icon (or Tap the Connect button on the Connection bar)

3. At this point, 2 options were present in order to establish a connection to the VBUS
   device: Manual Connection and Auto Connection.

   a. **Manual Connection**
      o Tap on the Manual Connection button
   o Select VBUS Device – BAFX ELM327

- ○ Tap on the Next button
- ○ It will then display the list of available devices along with the following buttons:
  - a. Back button - tapping this button will go back to the previous Supported VBUS devices dialog
  - b. Pair button - tapping this button will open the Android Device Settings > Bluetooth screen, to be able to pair devices.
  - c. Connect button - Select '**OBDII**' from the device list then tap the Connect button.
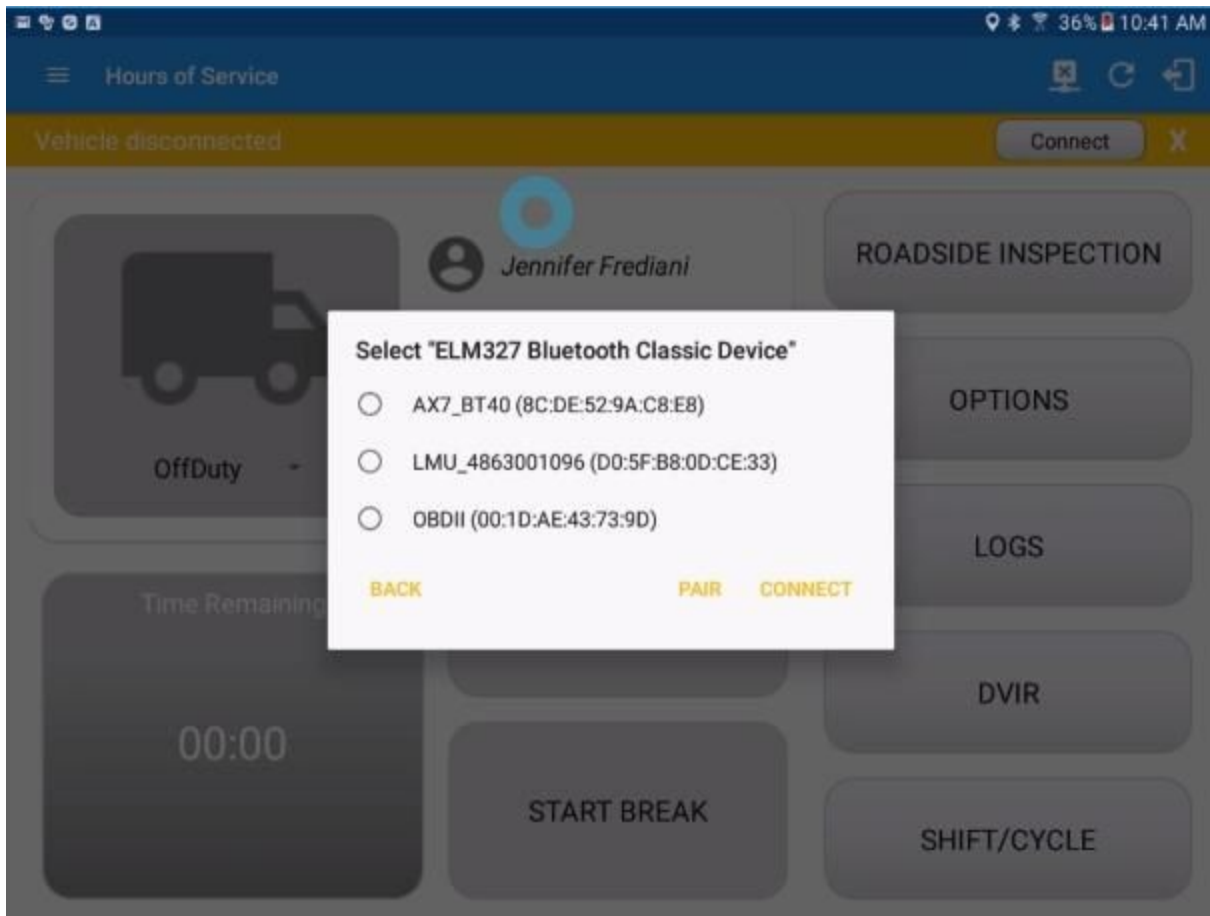
- ○ It will then display the VBUS Progress dialog upon establishing a connection to the selected VBUS device along with a 'Stop Connection' and 'Ok' buttons
  - a. Tap 'Stop Connection' button to stop establishing VBUS connection.
  - b. Tap OK button to hide the VBUS Progress dialog while establishing VBUS connection.
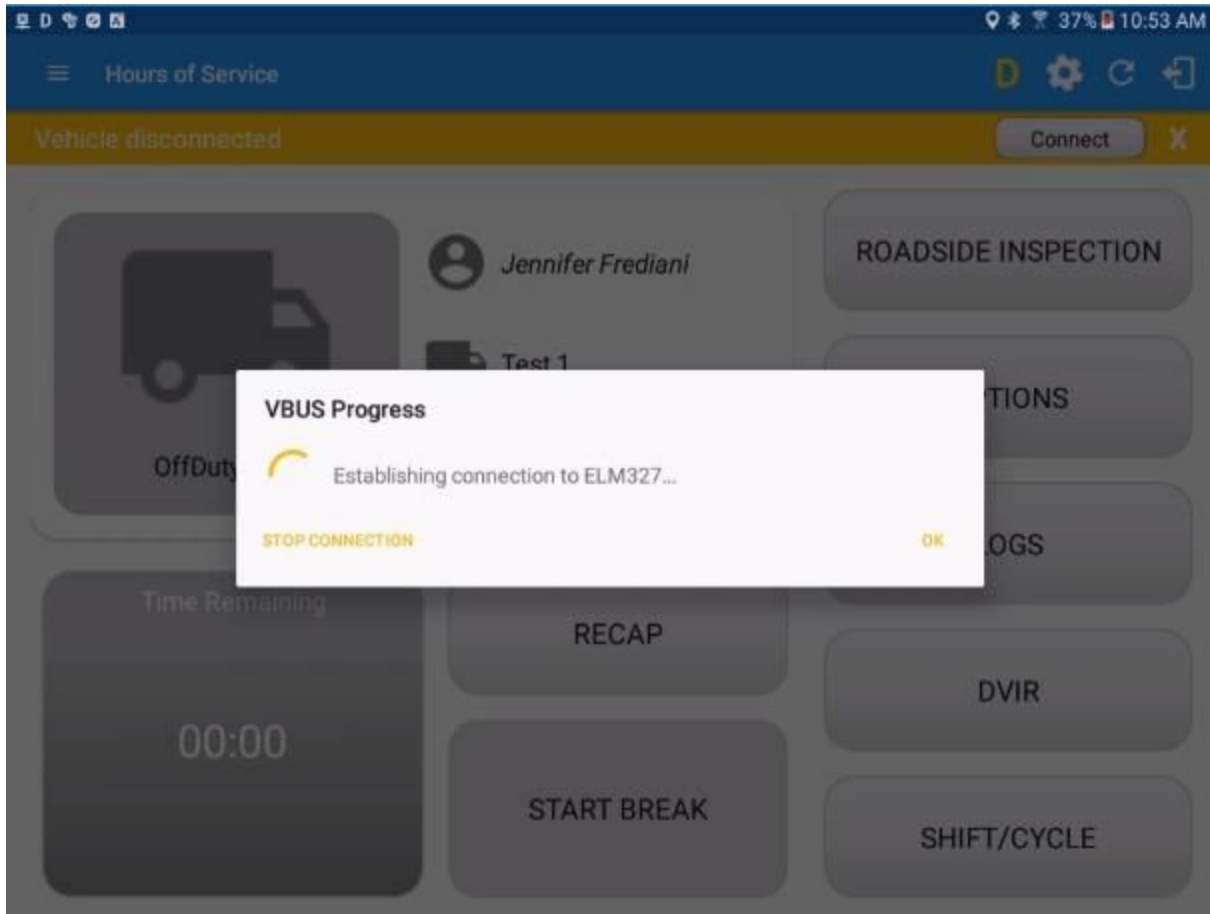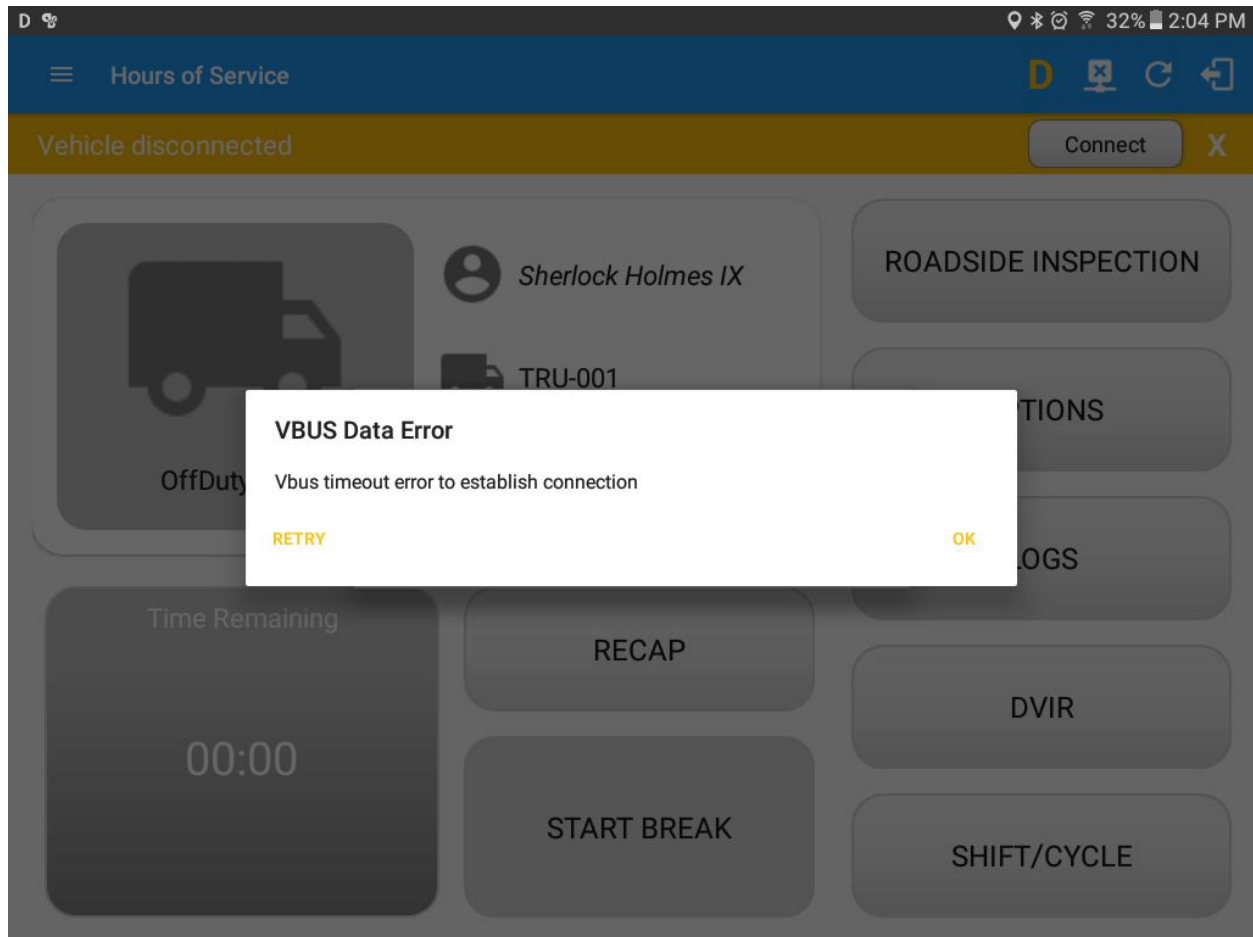
- o   If the VBUS connection results to an error (given the following situations below), an error dialog will display.
  - a.   VBUS Data Error
 - b.   VBUS timeout error to establish connection

Note: The app will automatically disconnect from the device after attempting to connect for 1 minute and 30 seconds without receiving any data from the VBUS device.

- ○ After a successful VBUS connection, you should hear a tone letting you know that device is now connected.
- ○ To check if you are connected, go to the Android Notification Bar and you should see the following message.
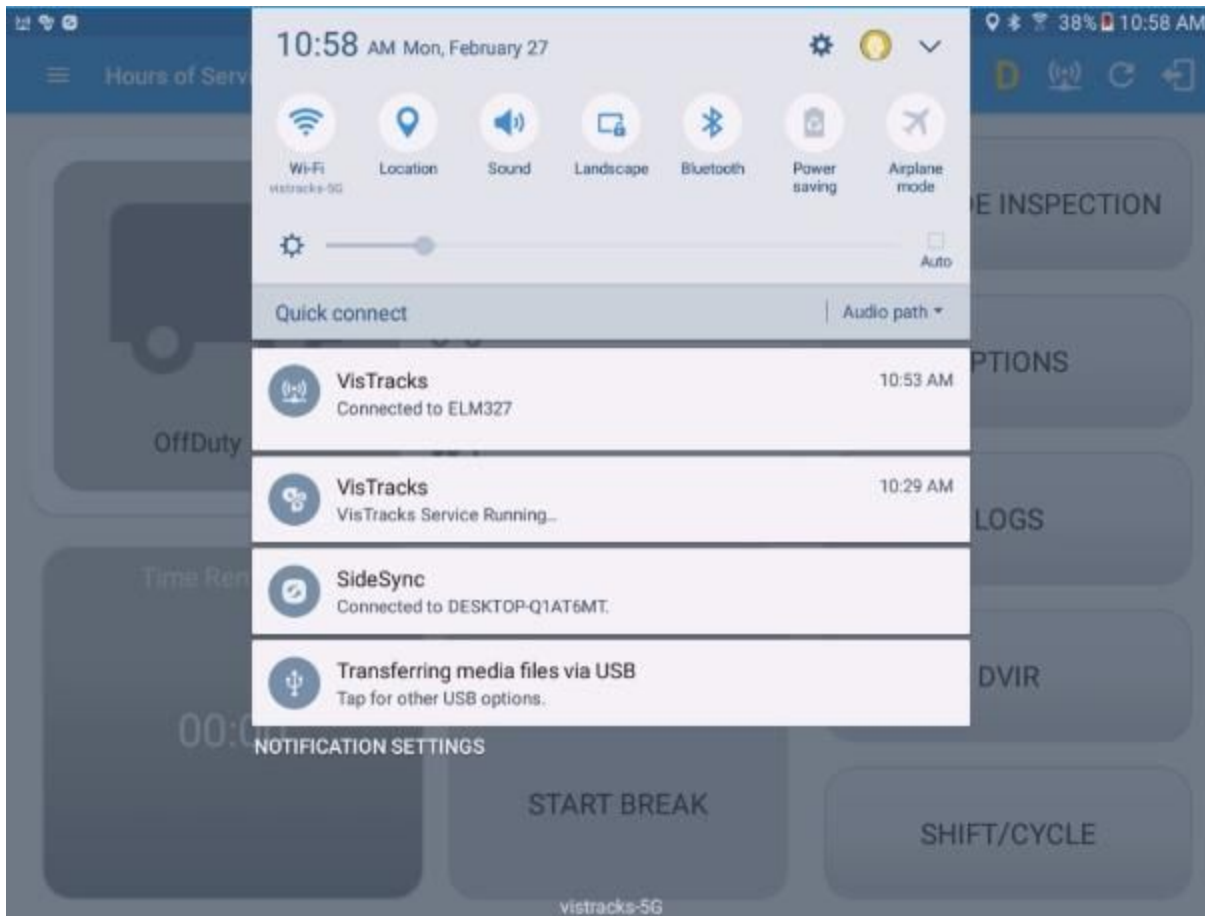
- o Check also that the VBUS indicator is now changed to a WiFi icon (during successful connection)
- o The device and the application are now connected.

b. **Auto Connection**

- ○ Tap on the Connect button
- ○ The VBUS Progress dialog will then display
- ○ Upon establishing a connection to the VBUS device, You should hear a tone letting you know that device is now connected.

  ■ **Prerequisites to successfully perform Auto Connection**
  - ○ Create a Preconfigured device in the Portal's Equipment Management Page or in the App's Manage Vehicles/Trailers screen.

- ○ Or
- ○ Once a manual configuration has been made for the particular vehicle, the VBUS information is stored and next time an automatic connection can be made.