Volta System Service Instructions

Subject:	Instructions to reprogram the Volta System Touchscreen
Date:	May 2022
Model(s):	2022 Storyteller Overland Classic MODE, Stealth MODE, MODE LT, and Beast MODE models equipped with Volta touchscreen – Build date: Dec. 2021 to April 2022.
Action Required:	Perform the instructions as described in this document

Why You Are Receiving These Instructions:

Volta has identified a scenario in which particular Volta Touchscreens require a programming correction. Symptoms include the touchscreen not waking from sleep or repeated restarts required to refresh data. To resolve the issue, Volta has supplied this kit to correct the issues and provide you with the latest software.

Before You Begin:

- Ensure your vehicle matches the model as described in the table at the beginning of this document. If you believe you have received this document in error, please contact Volta Power Systems.
- Please read this document in its entirety before performing any actions.
- If you are not comfortable performing any of the actions included in this document, please contact Volta Power Systems.

Tools Required:

To perform these instructions, you need basic hand tools, such as screw drivers and wrenches. The tools required may vary by vehicle.

Contact Volta:

Questions or concerns? Volta phone support is available during business hours at **616.226.4222**

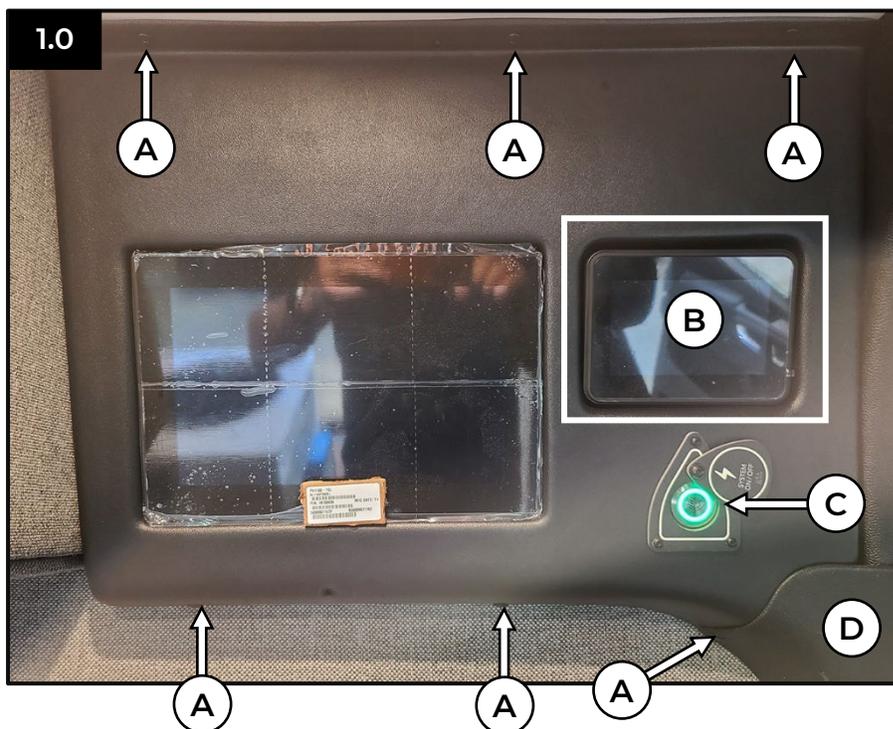## Estimated Repair Time:

0.5 hours.

Included In This Kit:

- Volta programming tool – Black rectangular device with On/Off switch and attached connection cable.
- Packaging and USPS return shipping label. *Do not dispose of packaging or label..*
- Instructions. *Proceed to following page.*
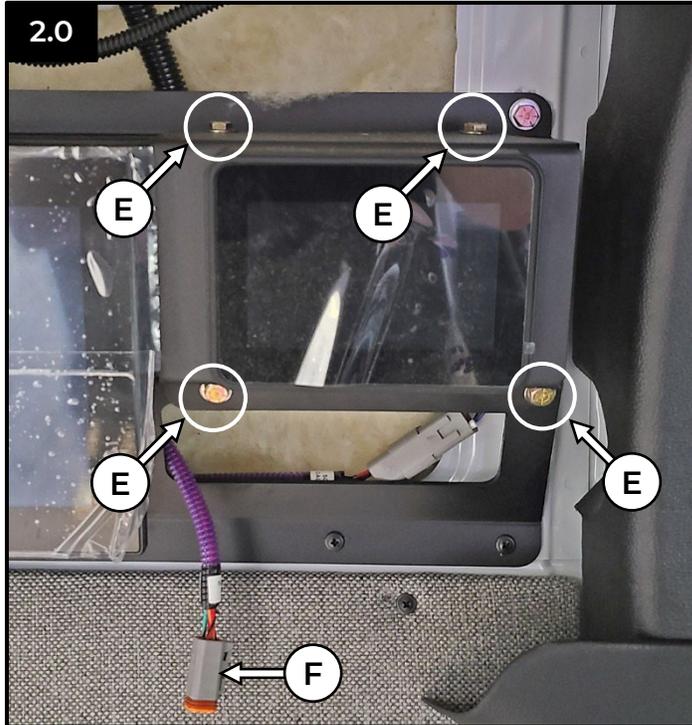
Instructions:

Perform the following instructions to connect a supplied programming tool to a port on the back of the Volta Touchscreen.

1. Disconnect your vehicle from shore power.
2. Turn off the vehicle.
3. Turn off the Volta System. Ensure the LED on the pushbutton and the touchscreen are off.
4. Remove the interior panel **(refer to figure 1.0)**:
    a. Remove the (6) screws **(A)** located on the perimeter of the interior panel.

    b. Use care when removing the interior panel. Pull outward slightly from the top of the interior panel, then rotate out from behind the B-pillar panel **(D)**. This allows access to the wire harness connection to the Volta pushbutton **(C)**. Before the interior panel can be completely removed, the harness **(F in figure 2.0 on following page)** must be disconnected from the pushbutton. Press down the latch on the connector and gently separate to disconnect the wire harness from the pushbutton.

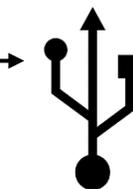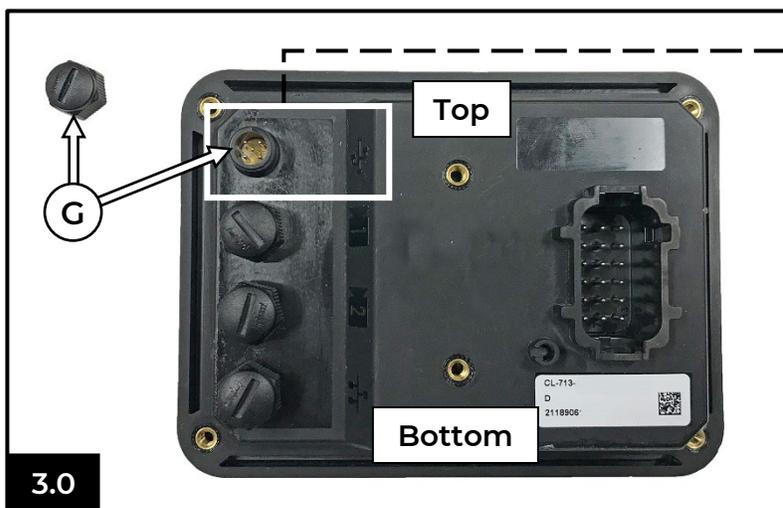   c. After the wire harness is disconnected from the pushbutton, fully remove the interior panel and set aside.

A: Screw

B: Volta Touchscreen

C: Volta Pushbutton

D: B-Pillar Panel

5. Loosen and remove the (4) bolts with washers **(E)** on the touchscreen bracket **(refer to figure 2.0).** Support the touchscreen while removing the bolts to avoid dropping the touchscreen. Set the bolts and washers aside.

E: Bolt with Washer

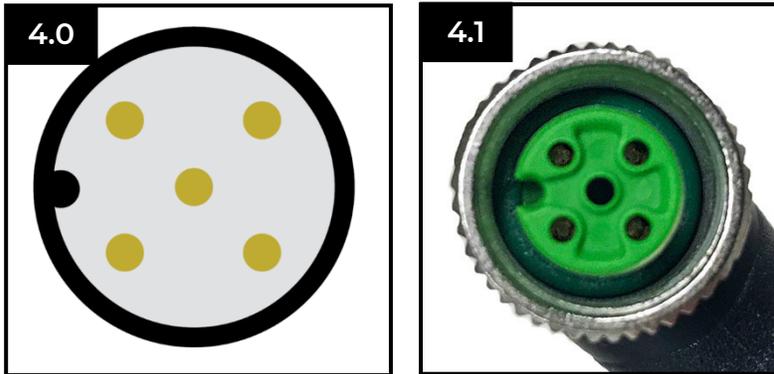**F:** Volta Pushbutton Harness Connection

6. With the touchscreen and bracket removed, locate the USB port **(refer to G on figure 3.0)** on the back of the touchscreen. Twist to remove the port cap. The correct port is identified by a "USB" symbol.

G: USB Port and Cap

7. Ensure the switch **(J in figure 5.0)** on the programming tool **(K in figure 5.0)** is in the "O" position.

8. Connect the attached cable (**L in figure 5.0**) on the programming tool to the port on the touchscreen. The orientation of the connections must be exact. Pay close attention to the prongs and key on the connections. Refer to the port diagram (**figure 4.0**) and the connector (**figure 4.1**). Do not force the connection. When the connections are engaged in the proper orientation, twist to tighten.

9. Perform programming steps (**refer to figure 5.0 on the following page**):

   a. Flip the switch on the programming tool to the "|" position.

   b. Monitor the (2) LEDs (**H and I**) on the programming tool. After a few seconds, and when the upper LED (**H**) is solid green and the lower LED (**I**) is flashing green, the system checks are successful. Proceed to the next step.

   c. Reconnect the pushbutton harness to the pushbutton located on the previously removed interior panel. You should hear a click when the connector is seated properly

   d. Turn on the Volta System using the pushbutton.

   e. After approximately 90 seconds, a "Download Mode" message and a progress bar appears on the touchscreen. If the "Download Mode" message does not appear after approximately three minutes, a "Download Failed!" message appears, or if the bottom LED on the programming tool turns off, you must restart the programming process. To restart, turn off the Volta System, switch off the programming tool, then return to step 9-a.

   f. Do not turn off or disconnect the Volta System or the programming tool during Download Mode. Programming may take up to 10 minutes.

   g. "Download Complete" appears on the touchscreen when the programming process is complete.

   h. Turn off the Volta System.

   i. Switch off the programming tool.

   j. Disconnect the programming tool from the touchscreen and replace the cap on the touchscreen port.

   k. Programming is now complete.

10. Reassemble the touchscreen bracket.
    a. If necessary, disconnect the Volta pushbutton for easier access during reassembly.

    b. Reinstall the (4) bolts and washers (refer to E in figure 2.0) on the touchscreen bracket. Do not fully tighten bolts until all (4) are in position. Hand tighten. Do not over tighten.

    c. Reconnect the wire harness to the Volta pushbutton, then reinstall the interior panel and secure with (6) screws. Hand tighten the screws and do not over tighten.

11. Return the programming tool to the original packaging, apply the label to the package, and mail the package back to Volta from any USPS location.

H: Upper LED

I: Lower LED

J: On/Off Switch

K: Programming Tool

L: Attached Cable

Changing the Touchscreen Theme:

Reprogramming the touchscreen may update some of the touchscreen's default settings. For example, after the update, you may notice the touchscreen "theme" has changed from Dark to Light.

To adjust the theme:

1. Press the Volta Pushbutton to turn on the Volta System.
2. Touch the Settings button on the touchscreen.

3. In the settings screen, scroll to the Theme setting and toggle between Light or Dark theme. Press the Home button to return to the Home screen.