

Kinect™ Touchscreen Display

INSTALLATION INSTRUCTIONS E-Z-GO® RXV

EVERY INSTALLATION REQUIRES:

1. 25-300 KINECT™ DISPLAY SCREEN AND CAN BOX AC KIT
2. 25-311 KINECT™ ADAPTER, E-Z-GO® RXV

+

3. BATTERY CAN ADAPTER KIT (SEE BELOW, BASED ON VEHICLE CONFIGURATION)

Tools Needed

10mm Socket	Phillips Head Screwdriver
T45 Torx Bit	Flathead or Trim Tool
1/2" Socket	Wire Crimpers/Strippers

BOLT BATTERY

25-323 Kinect™ RXV, Harness Bolt Battery CAN Adapter AC Kit
25-307 Kinect™ Wire Harness, Bolt Battery CAN Adapter
25-309 Kinect™ Wire Harness, AC Speed Sensor

25-332 Kinect™ RXV, Harness Bolt Battery CAN Adapter with AC Kit & Navitas TAC2
25-307 Kinect™ Wire Harness, Bolt Battery CAN Adapter
25-306 Kinect™ Wire Harness, Navitas CAN Jumper

ECO BATTERY

25-322 Kinect™ RXV, Harness Eco Battery CAN Adapter AC Kit
25-308 Kinect™ Wire Harness, Eco Battery CAN Adapter
25-309 Kinect™ Wire Harness, AC Speed Sensor

25-331 Kinect™ RXV, Harness Eco Battery CAN Adapter with AC Kit & Navitas TAC2
25-308 Kinect™ Wire Harness, Eco Battery CAN Adapter
25-306 Kinect™ Wire Harness, Navitas CAN Jumper

FACTORY RXV ELITE® LITHIUM

25-321 Kinect™ RXV, Harness RXV ELITE® CAN Adapter AC Kit
25-305 Kinect™ Wire Harness, RXV CAN Adapter

LEAD ACID

25-330 Kinect™ RXV, Lead Acid Battery AC Kit
25-309 Kinect™ Wire Harness, AC Speed Sensor

25-340 Kinect™ RXV, Lead Acid Battery with AC Kit & Navitas TAC2
25-306 Kinect™ Wire Harness, Navitas CAN Jumper

STEP 1

Ensure that the cart is powered off and not plugged in to power. Switch key to OFF position. Remove the seat bottom, and set the RUN/TOW Switch to TOW.



STEP 2

Turn the battery off (if lithium). Disconnect all leads from the negative battery terminal (it is not required to remove the battery).



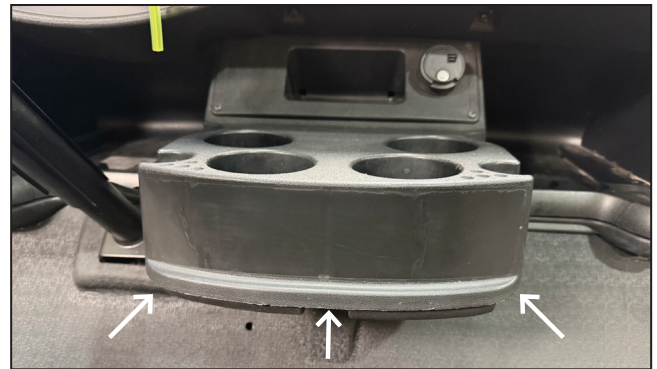
STEP 3



10mm socket

Remove the existing RXV cupholder insert from the vehicle.

- Remove the three sheet metal nuts on plastic studs as shown using a 10mm socket. Discard hardware.
- Remove the cupholder insert and unplug the USB port cable from the DC/DC converter.



STEP 4

Uninstall the USB Port from RXV cupholder Insert.

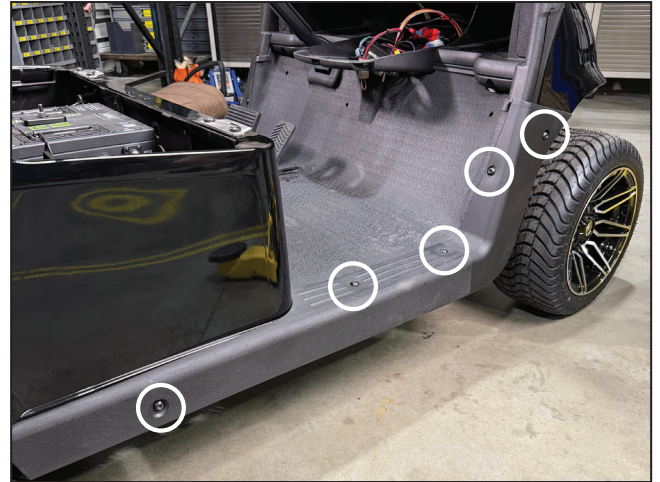
- Unscrew the large plastic nut.
- Retain both the port and nut for later use.



STEP 5

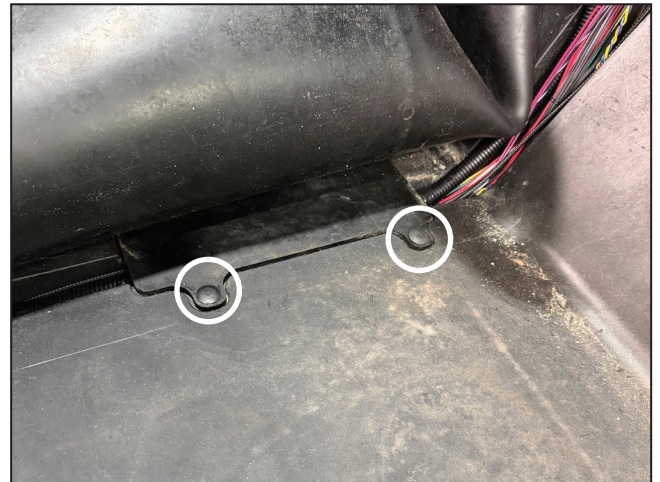
T45 Torx Socket

Remove the vehicle running board from the passenger side by removing five Torx screws using a T45 socket. Retain the hardware. Roll up vehicle floor mat to driver side.

**STEP 6**

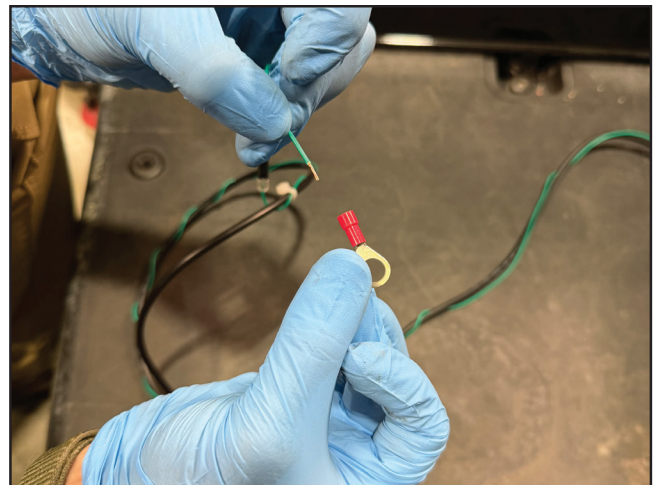
Flathead Screwdriver

Remove push rivets from pedal/box cover using a flathead and retain hardware.

**STEP 7**

Wire Crimpers/Strippers

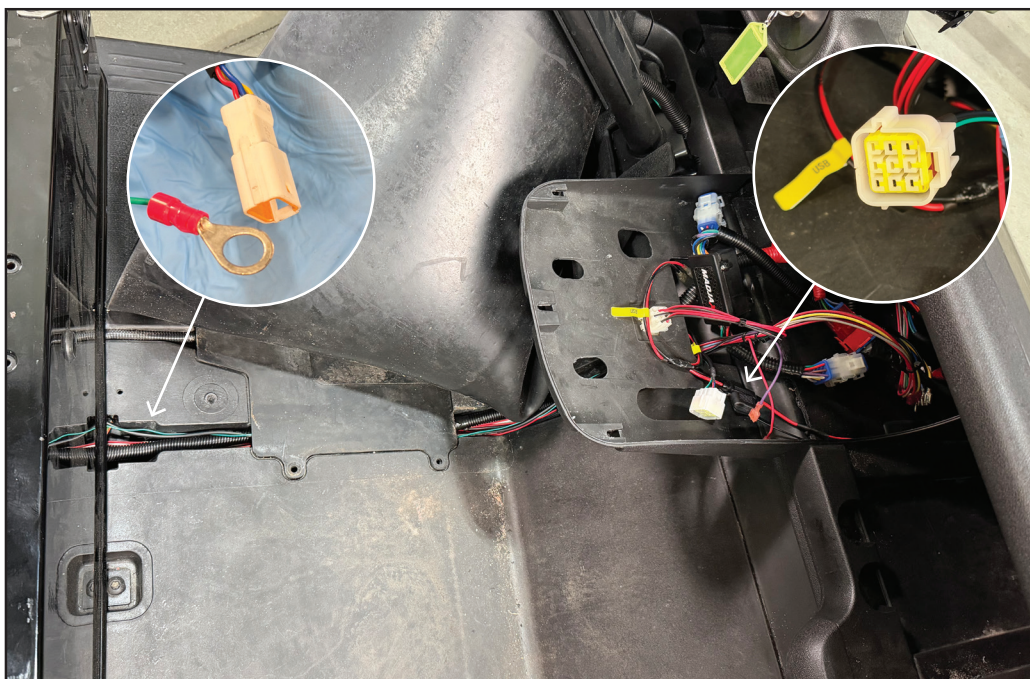
Prepare the Kinect™ Display Harness (25-303, Included in display box), and crimp the ring terminal onto the green accessory wire.



STEP 8

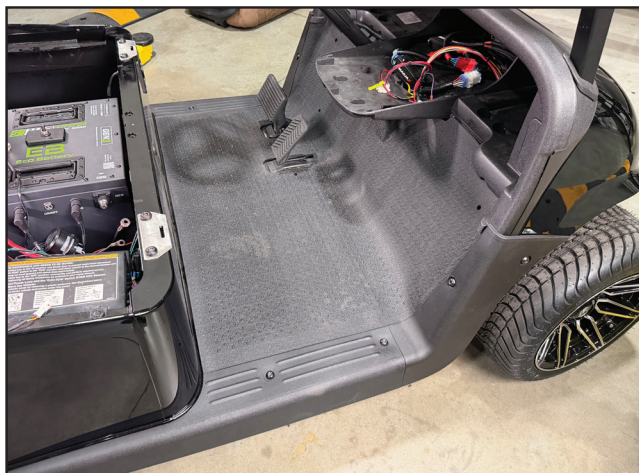
Route the Kinect™ Display Harness (25-303) from the cupholder area to the battery tray, and feed through cable channel in floor.

Note: *This is a great time to route any auxiliary cables (i.e. installing a soundbar)*



STEP 9

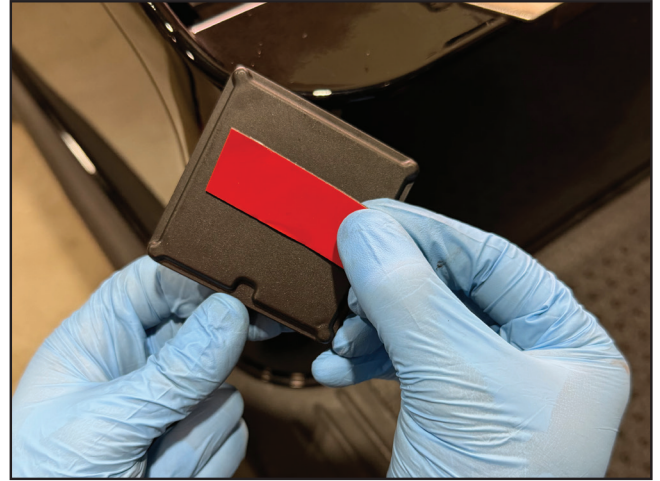
Reinstall the plastic push-in rivets. Replace the floor mat, and reinstall the passenger side running board using the retained hardware.



STEP 10

Locate the Kinect™ Hub (25-302) and prepare to mount under the seat.

- If not already applied, attach the 3M VHB tape strips (included) to the back side of the Kinect™ Hub.
- Find a good location to mount the hub (recommended to mount on the inside of the body close to battery, solenoid, and cable tray).
- Clean the surface of the mounting location with alcohol.
- Once the surface is dry, peel off the adhesive backing, and attach the hub to the mounting surface.



STEP 11

Route the red and black power wires from the hub to the battery terminals. Do NOT connect to battery terminals yet.

Note: If necessary, use cable ties (not included) to keep wires organized.



STEP 12

Plug in the Kinect™ Display Harness (25-303) into the Kinect™ Hub (25-302) using 6-Pin connector.

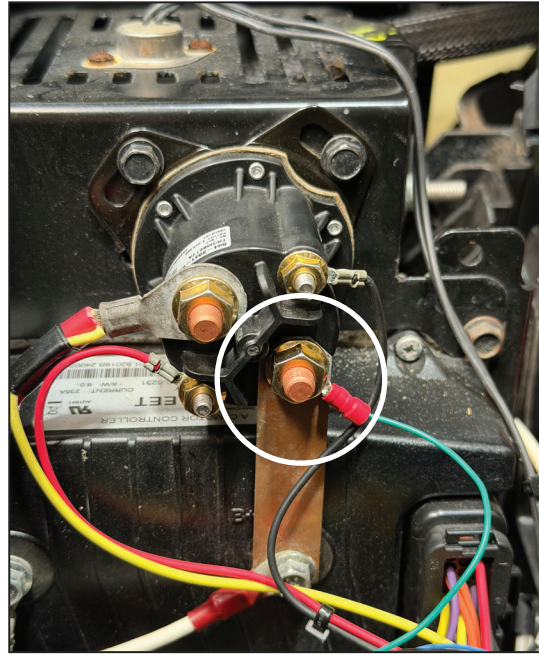
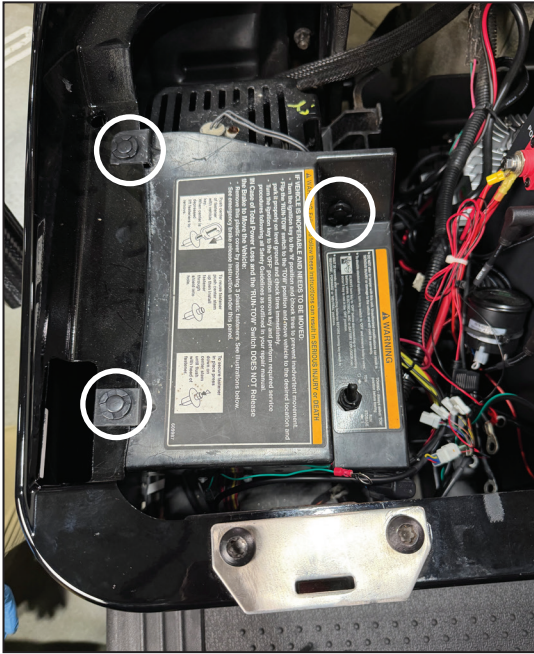


STEP 13

1/2" Socket

Attach the Kinect™ Display (25-303) ACC wire to the solenoid.

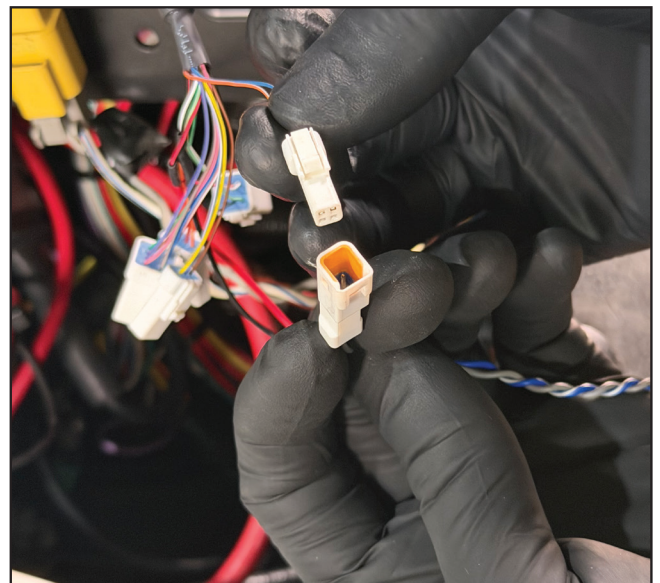
- Remove 3x rivets from RUN/TOW switch cover. Retain hardware and remove cover.
- Remove nut from solenoid as shown below using 1/2" socket, and retain hardware.
- Attach the ACC wire ring terminal (green wire) to the solenoid, and secure with the retained nut.

**STEP 14**

Reinstall the RUN/TOW switch cover using the retained hardware.

STEP 15

Plug in the 2-Pin Kinect™ CAN Breakout Harness (25-304) to the Kinect™ Hub (25-302) as shown.



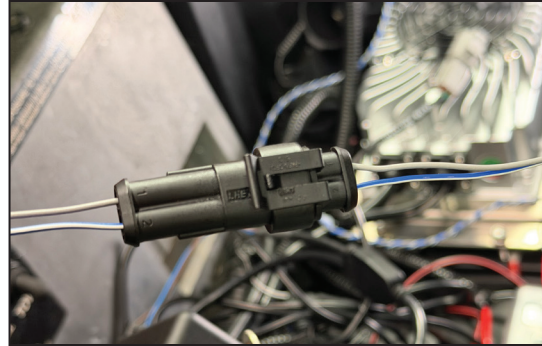
BATTERY CONNECTIONS (Lead Acid, Bolt Battery, Eco Battery, Factory OEM ELiTE® Lithium)

Lead Acid:

No action needed - continue to Controller Connections on page 10.

Bolt Battery:

- a. Install Bolt Battery CAN Adapter (25-307) to the Kinect™ CAN Breakout Harness (25-304).



- b. Install Bolt Battery CAN Adapter (25-307) to the CAN port on the battery.

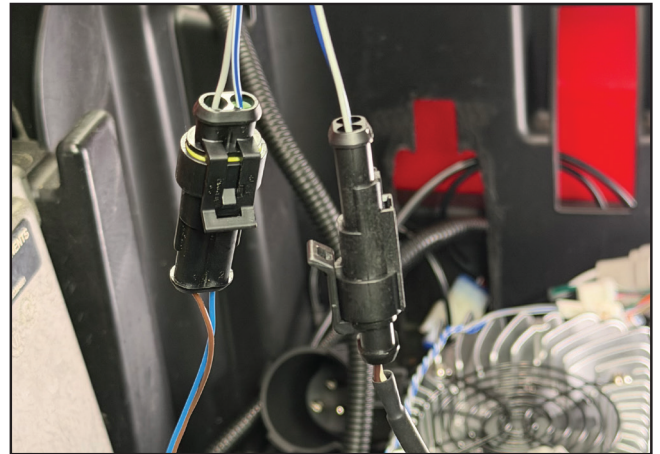
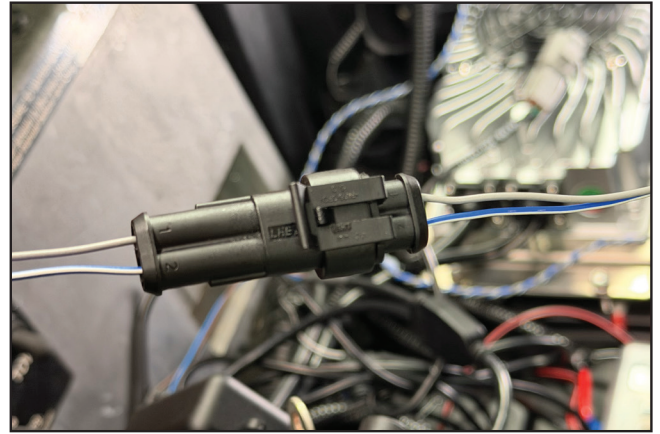


Continue to Controller Connections on page 10

Eco Battery:

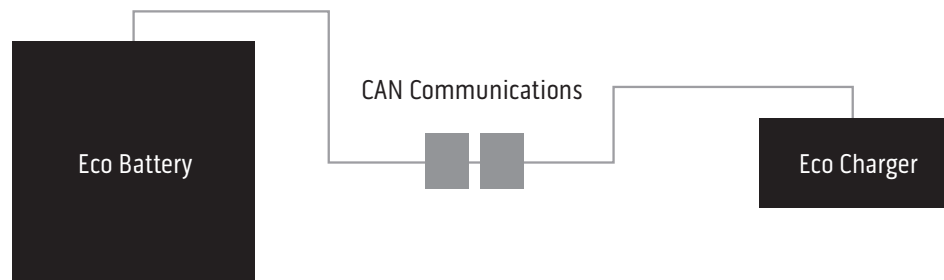
Note: For the integration to work, the Eco Battery SOC meter must remain plugged in. Plug it in and zip tie it away. If it is not plugged in, the Hub won't work.

- a. Install the Eco Battery CAN Adapter (25-308) to the Kinect™ CAN Breakout Harness (25-304).
- b. Unplug the charger from the CAN port on the battery. Plug the Eco Battery CAN Adapter (25-308) into the unplugged ends. See diagram below.

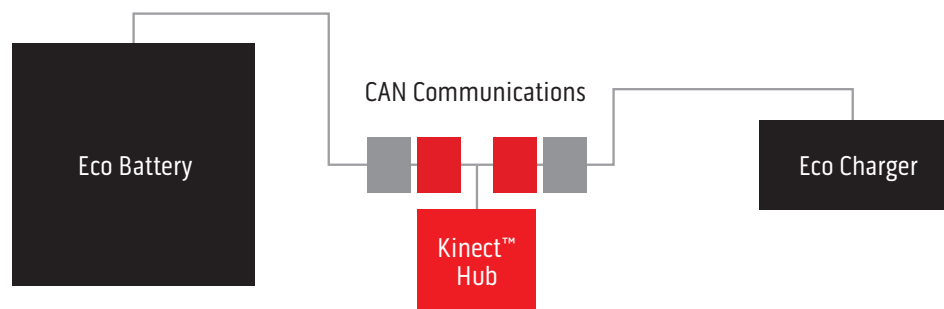


Eco Battery CAN Connection

Existing



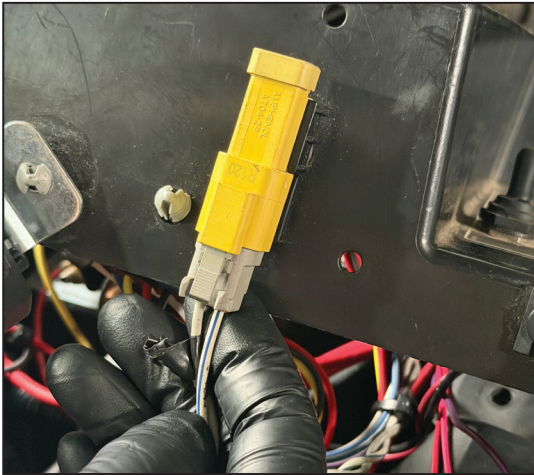
**With Kinect™
Hub CAN Adapter
Connected**



Continue to Controller Connections on page 10

Factory RXV ELiTE® Lithium:

- a. Plug the RXV Jumper Harness (25-305) into the Kinect™ CAN Breakout Harness (25-304). Detach the factory RXV ELiTE diagnostic CAN port and reattach to the Kinect™ RXV Jumper Harness (25-305).

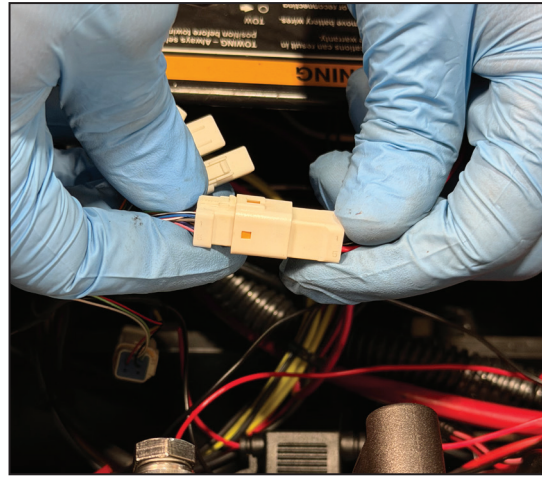
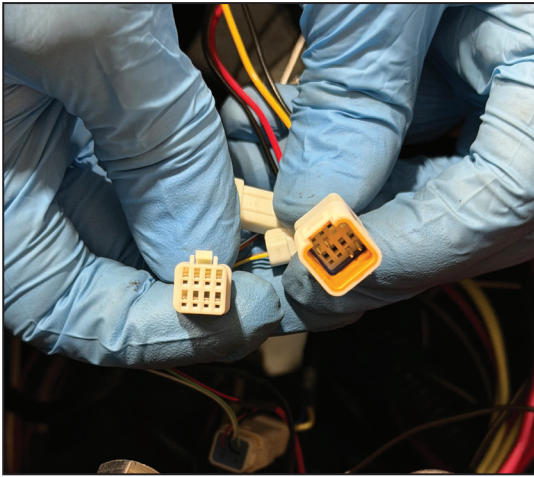


Continue to Step 16 on page 13

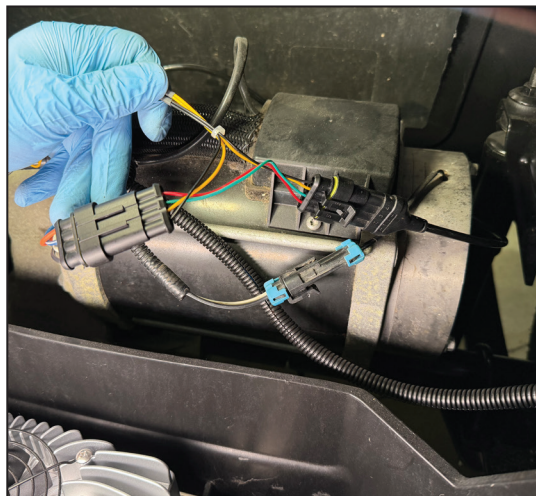
CONTROLLER CONNECTIONS (OEM Lead Acid Controller)

OEM Controller:

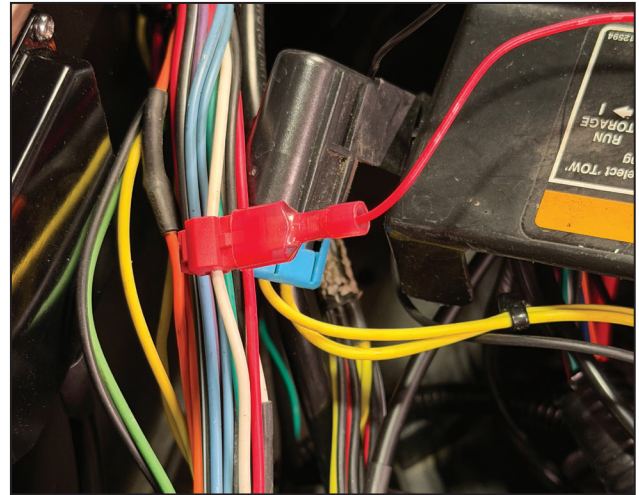
- a. Plug the 8-Pin Kinect™ AC Speed Sensor Harness (25-309) into the Kinect™ Hub (25-302).



- b. Route the 4-Pin plugs to the motor area. Unplug the OEM speed sensor from the main harness near the motor, and plug the Kinect™ AC Speed Sensor Harness (25-309) in between the OEM plugs.



- c. Route the reverse sensor wires on the Kinect™ AC Speed Sensor Harness (25-309) to the main harness under the seat, and tap into the keyswitch reverse using provided connector.



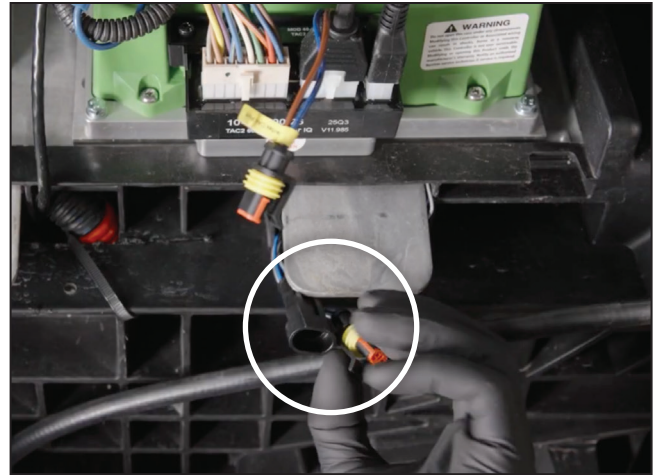
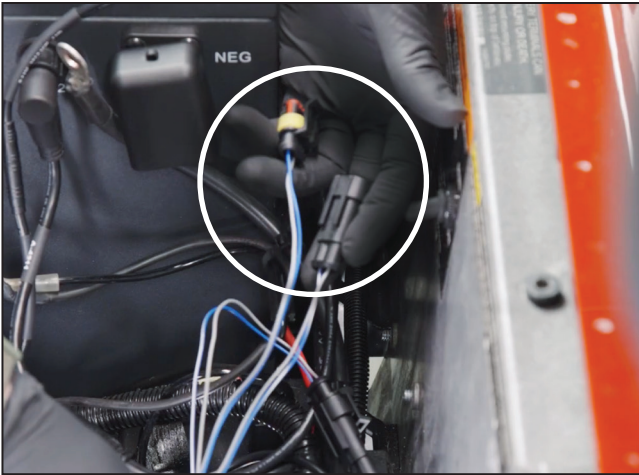
Note: If needed, use cable ties to organize wires.

Continue to Step 16

CONTROLLER CONNECTIONS (NAVITAS® TAC2)

Navitas® TAC2 Controller:

- a. Locate the two free connector ends of the CAN Breakout Harness (25-304), and route the wiring to the controller.

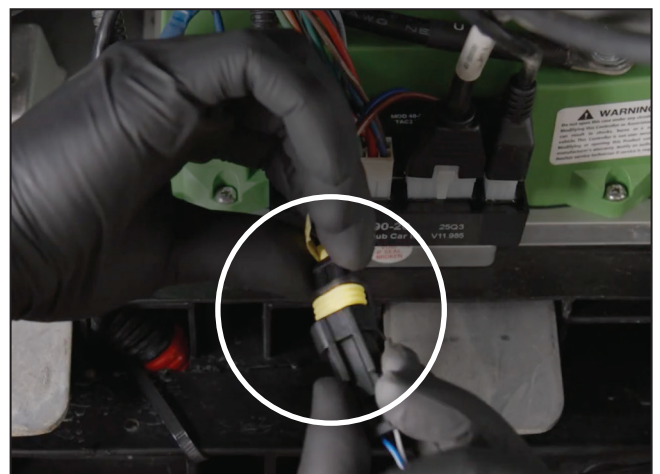


- b. Connect the Navitas CAN Jumper (25-306) to the CAN Breakout Harness (25-304).



- c. Plug the Navitas CAN Jumper (25-306) into the Navitas® controller connector.

Note: If needed, use cable ties to organize wires.



Continue to Step 16

STEP 16

Phillips Head Screwdriver

Prepare the Kinect™ Adapter (25-311) and display screen.

Note: *It is recommended to perform this step on a clean, soft surface to prevent damage to the screen. Leave the screen protector on until installation is complete.*

- a. Detach the plastic cover from the back of the Kinect™ display by removing the four M5 Phillips head screws. Discard the back cover, but retain the hardware.



- b. Feed the wires of the screen through the adapter. Using the retained hardware, attach the display to the adapter.

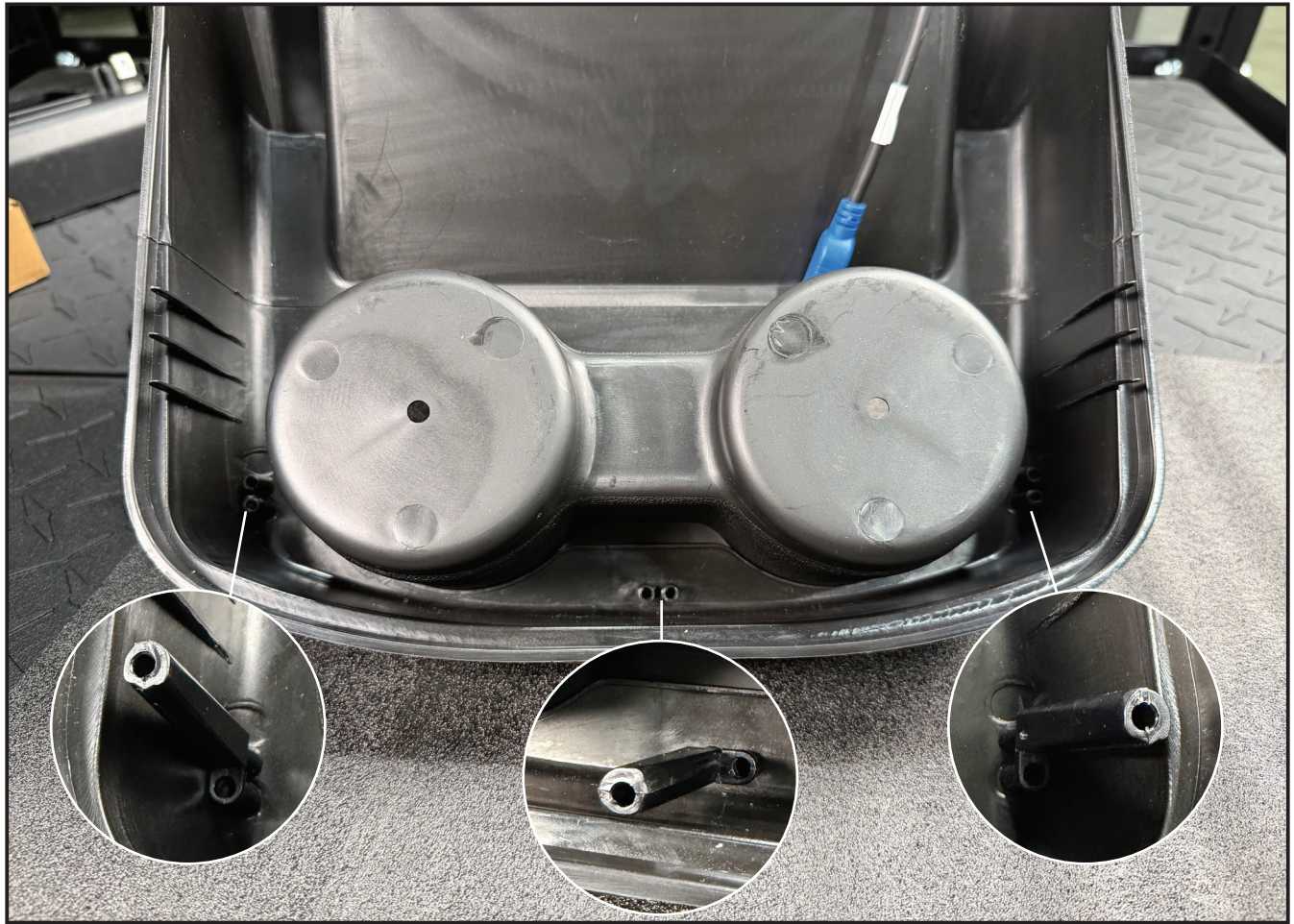


STEP 17

Phillips Head Screwdriver

Install the standoffs into the Kinect™ RXV adapter (located in box within adapter cupholder).

- a. Match the orientation of the standoffs (see image) and install using three Phillips head screws.

**STEP 18**

Install the retained OEM USB port into the Kinect™ RXV adapter.

- a. Insert the OEM USB port into the pre-cut hole into the adapter, and secure on the inside of the adapter with the retained large plastic nut from Step 4.



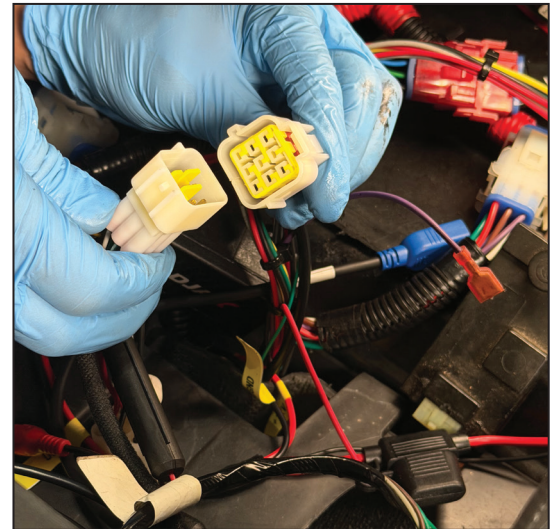
STEP 19

Phillips Head Screwdriver

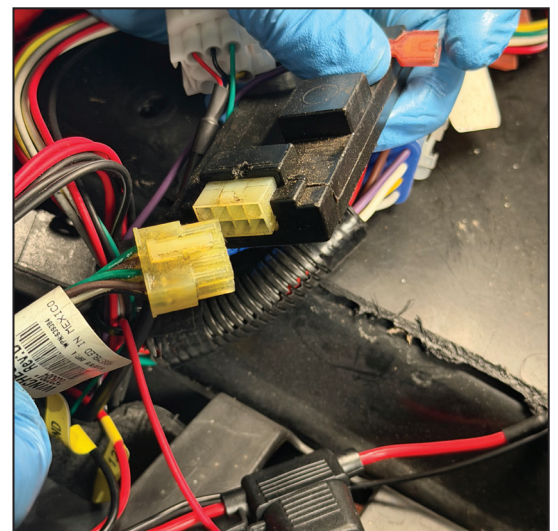
Install the Kinect™ RXV adapter to the cupholder area by following the steps below.

Note: *It's helpful to have an extra set of hands for installation.*

- a. Attach the 9-Pin cord on the Kinect™ display screen to the 9-Pin Kinect™ Display Harness (25-303) connector installed in Step 8.



- b. Plug the OEM USB port back into the DC/DC converter.



- c. Place the Kinect™ RXV adapter in the cupholder area, and ensure that it's centered and in position. Insert three Phillips head screws (included) from below up into the RXV adapter standoffs.



- d. Use two Phillips head screws (included) to self-tap into the RXV driver and passenger side storage areas.



STEP 20

Phillips Head Screwdriver

Connect the Kinect™ Hub (25-302) ring terminals to the battery terminals in order as shown. Connect the Positive (RED) wire first, followed by the Negative (BLACK) wire.



1



2

STEP 21

Turn the battery on, and set the RUN/TOW switch to TOW. Replace the seat bottom cushion.

STEP 22

Power on the vehicle, remove screen protector, and configure display settings* to your preference.



****Continue to Display Screen Configuration***

DISPLAY SCREEN CONFIGURATION

STEP 1 CHECK FOR OTA (OVER-THE-AIR) UPDATE

On the main display interface, proceed to the “Settings” menu as shown below.



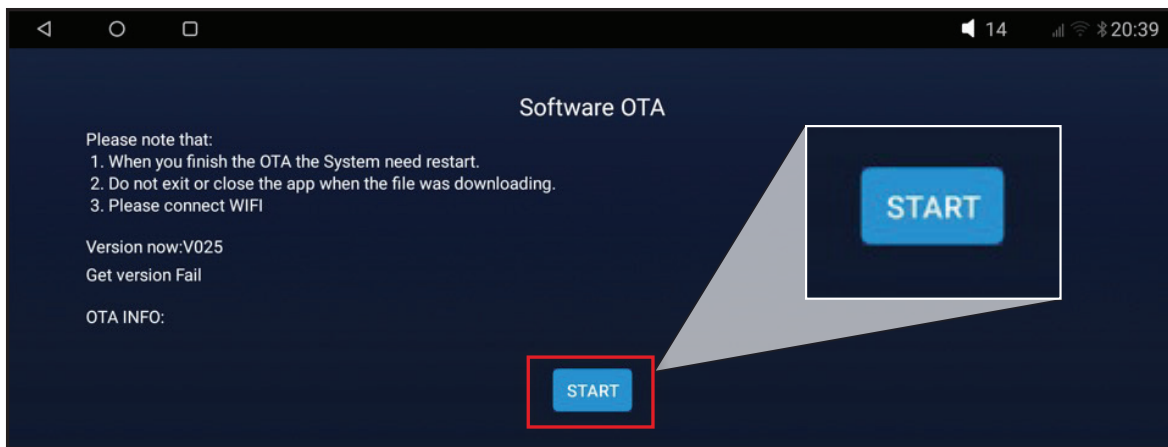
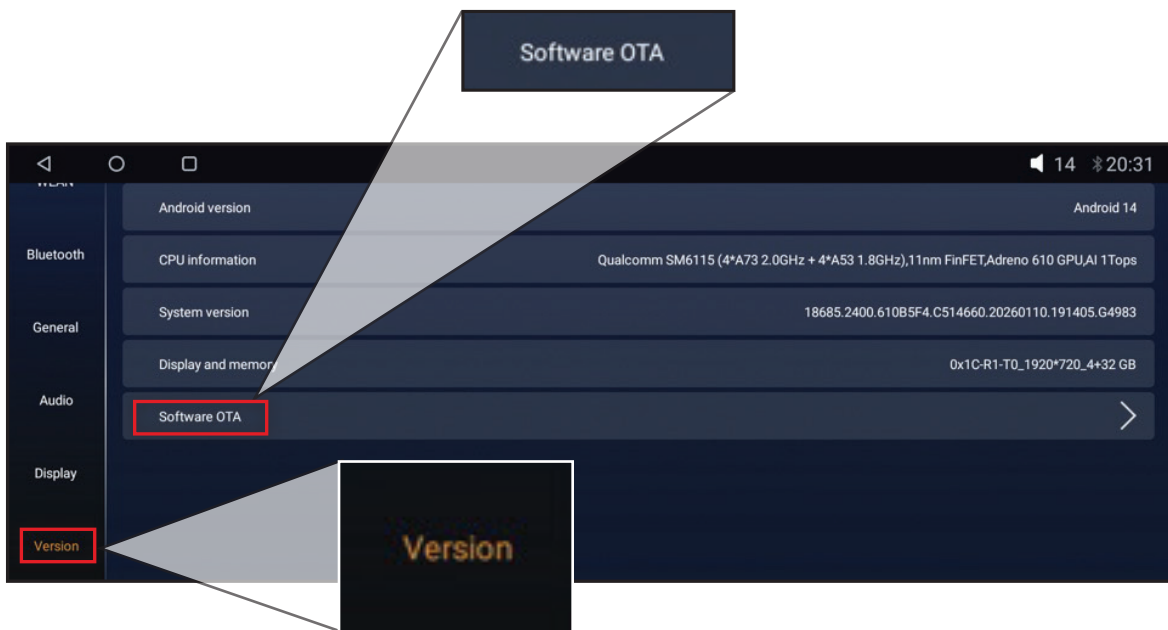
STEP 2

Within the “Settings” menu, navigate to “WLAN” on the side bar menu. Confirm that Wi-Fi is turned on by clicking on “Scan Wi-Fi” as shown below.



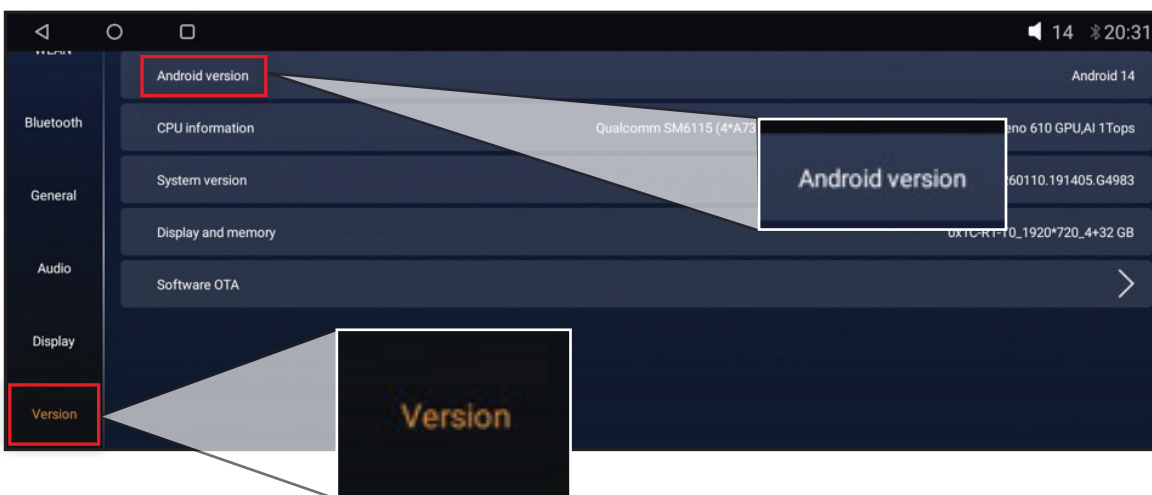
STEP 3

Check for an OTA Update by scrolling to “Version” on the side bar menu, and then “Software OTA”. Click the “Start” button if an update is available.



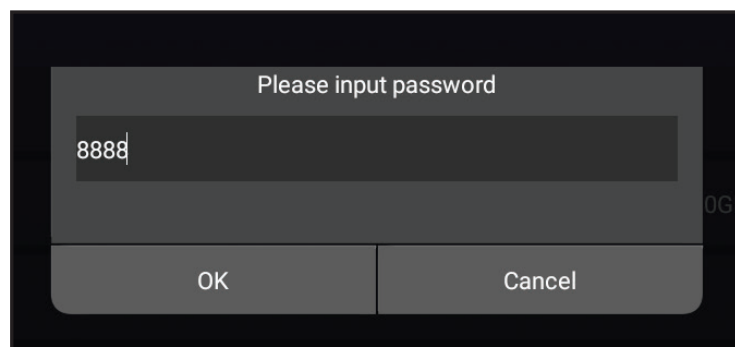
STEP 4 CONFIGURE SETTINGS FOR YOUR CART MODEL

On the main display interface, proceed to “Settings” within the side bar menu, and then proceed to click “Version”. After “Version” is selected, click on “Android Version” four times.



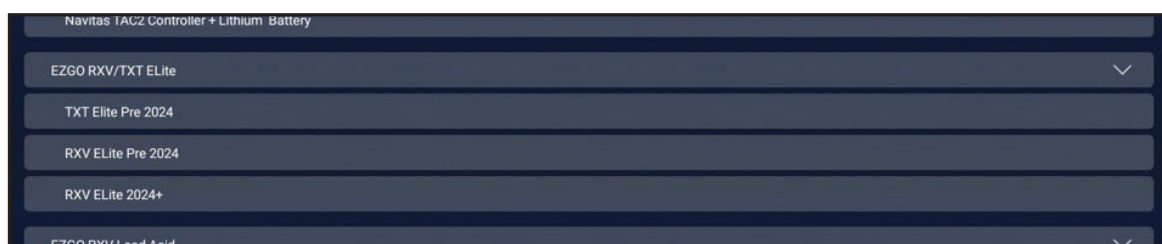
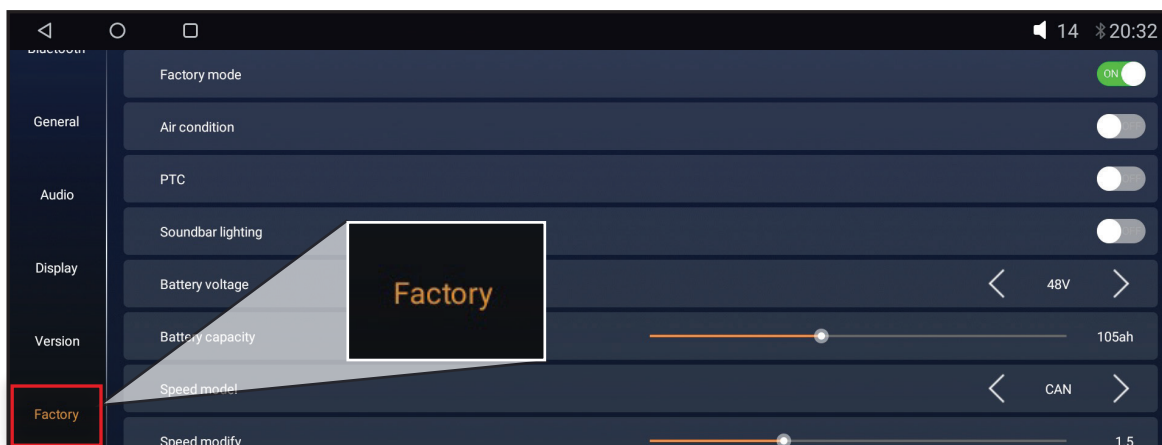
STEP 5

When the “Please input password” field pops up, enter the factory default password: “8888”. Selecting “OK” enables the “Factory” configuration menu.



STEP 6

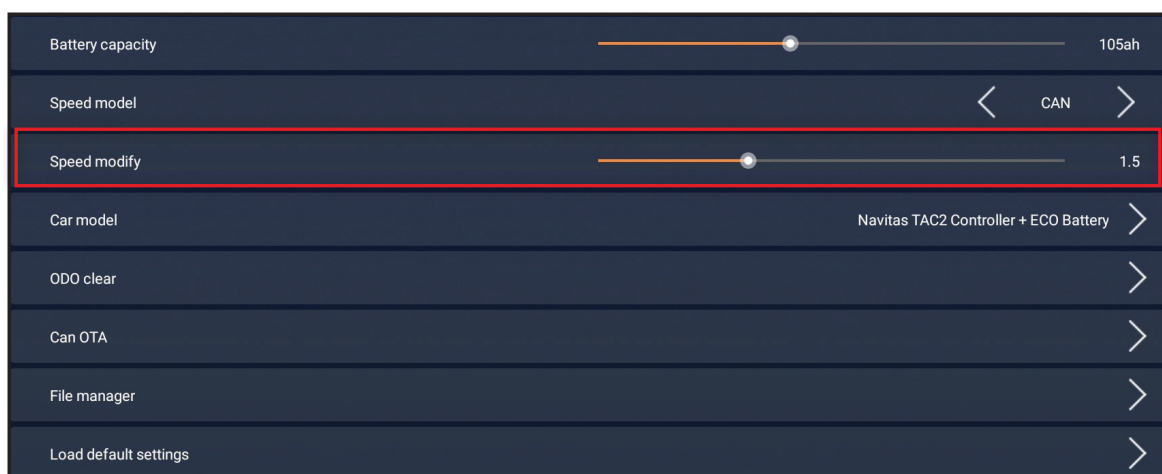
Within the “Factory” menu, click on “Car Model” to access the configuration options. Locate and select your configuration from the list.



STEP 7

For vehicles with a **CAN enabled controller**, continue to **Step 7a**
For vehicles using a **speed sensor harness**, skip to **Step 7b**

- d. **For vehicles with a CAN enabled controller**, adjust “Speed modify” settings as needed. “Speed modify” is a multiplier that allows users to adjust speedometer readings to account for aftermarket wheels and other variables. A larger number will increase the shown speedometer speed and a smaller number will decrease the shown speedometer speed.



STEP 7

- e. **For vehicles using a speed sensor harness**, the tire diameter, speed ratio, and number of poles will need to be adjusted accordingly, affecting the speedometer values.

Tire Diameter:

This value should be changed to match your current tire diameter

Speed Ratio:

This value represents the gear reduction in the vehicle's differential and can be adjusted for custom setups.

Number of Poles:

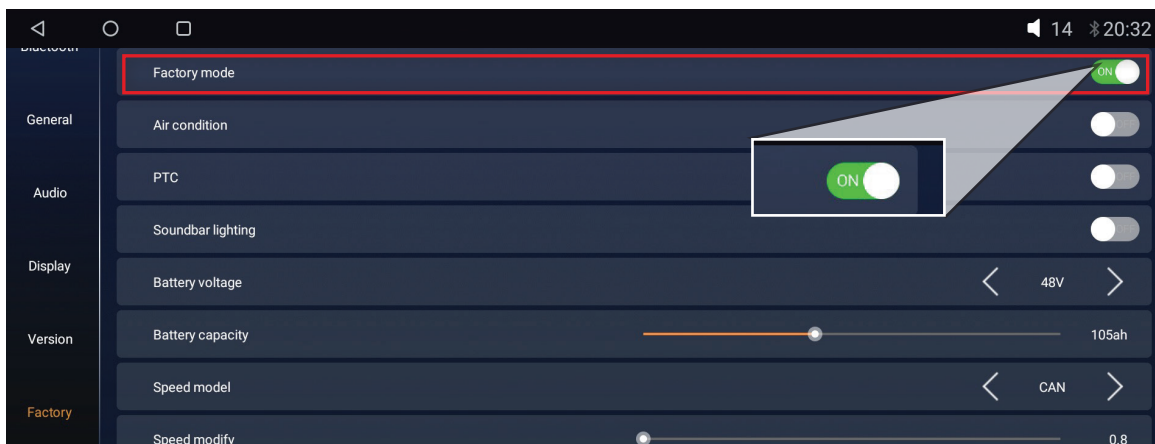
For vehicles with a DC motor, set this to "4", and for vehicles with an AC motor, set this to "32". This value represents the magnetic poles for the speed sensor and can be adjusted for custom setups.



STEP 8

EXIT FACTORY MODE

When finished making the necessary adjustments, toggle "Factory Mode" to "off" to prevent accidental changes to the settings.



INSTALLATION COMPLETE