

Kinect™ Touchscreen Display

INSTALLATION INSTRUCTIONS Yamaha® Drive2 OEM Lithium

EVERY INSTALLATION REQUIRES:

1. **25-300 KINECT™ DISPLAY SCREEN AND CAN BOX AC KIT**
2. **25-314 KINECT™ ADAPTER, YAMAHA® Drive2**
3. **25-343 KINECT™ WIRE HARNESS KIT, YAMAHA DRIVE2 LITHIUM**

25-317 Kinect™ Wire Harness, Yamaha® Lithium Controller
25-320 Kinect™ Wire Harness, Display Y Harness
25-318 Kinect™ Wire Harness, YD2 Li BMS

Tools Needed

5mm Allen Wrench/Socket Phillips Head Screwdriver
12mm Socket Flathead or Trim Tool
12mm Wrench Wire Crimpers/Strippers



Scan for additional product
support & installation video

STEP 1

Ensure that the cart is powered off and not plugged in to power. Switch key to OFF position, and engage the parking brake.



STEP 2

Remove the seat bottom and set aside.



STEP 3

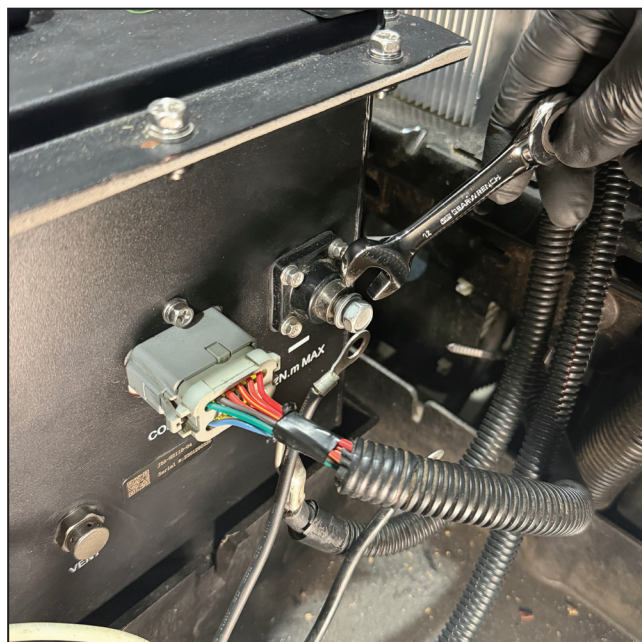
Set the RUN/TOW switch to TOW.



STEP 4

12mm Socket

Turn the battery off, and disconnect all leads from the negative battery terminal using a 12mm wrench (it is not required to remove the battery).

**STEP 5**Plastic Spudger / Flathead Screwdriver
Phillips Head Screwdriver

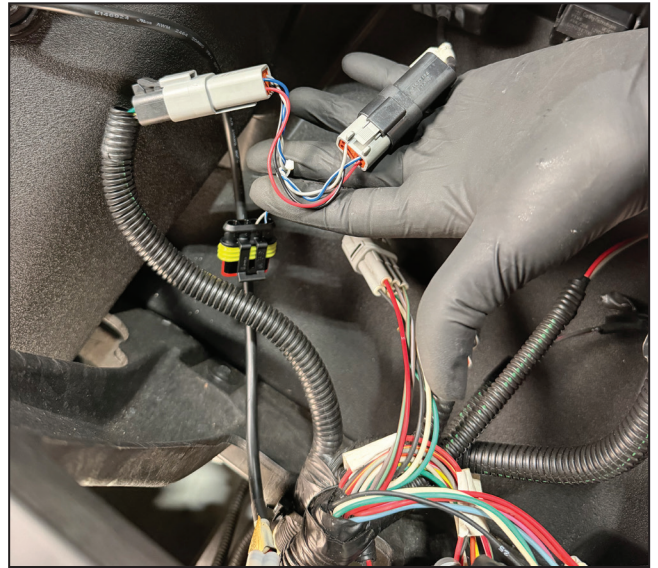
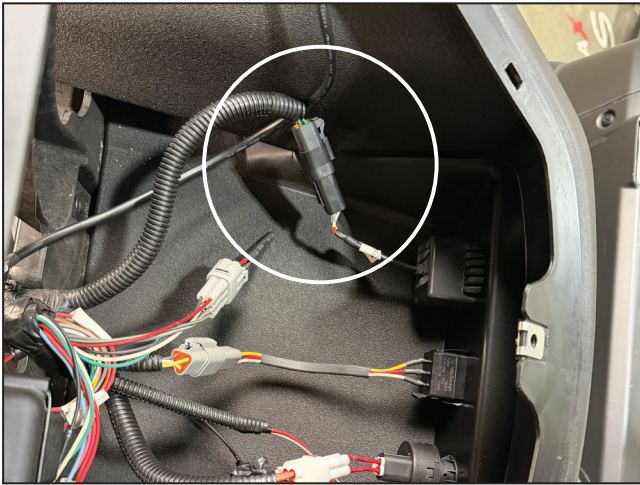
Remove the existing Yamaha cupholder insert from the vehicle.

- Remove the Yamaha logo button with a plastic spudger or flathead screwdriver.
- Unscrew 1x Phillips head screw and retain hardware for later use.
- Pull the cupholder insert towards the rear of the cart and then lift off as shown.



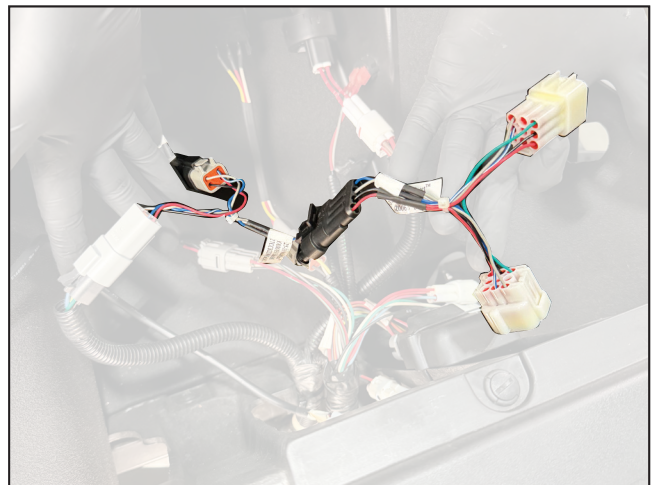
STEP 6

Unplug the OEM state of charge meter and attach the Kinect Drive2 Lithium BMS Harness (25-318) into the unplugged ends.



STEP 7

Plug the Kinect Display Y Harness (25-320) into Kinect Drive2 Lithium BMS Harness (25-318) using the 4-pin connector.



STEP 8



Wire Crimpers/Strippers

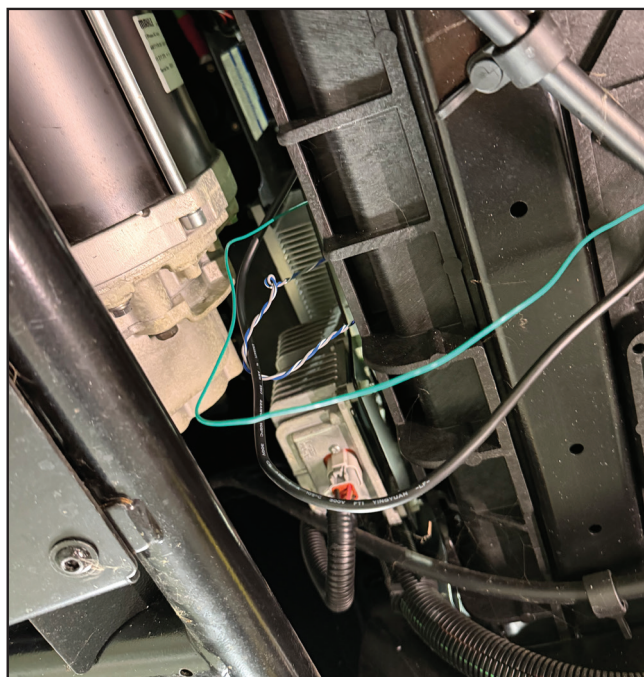
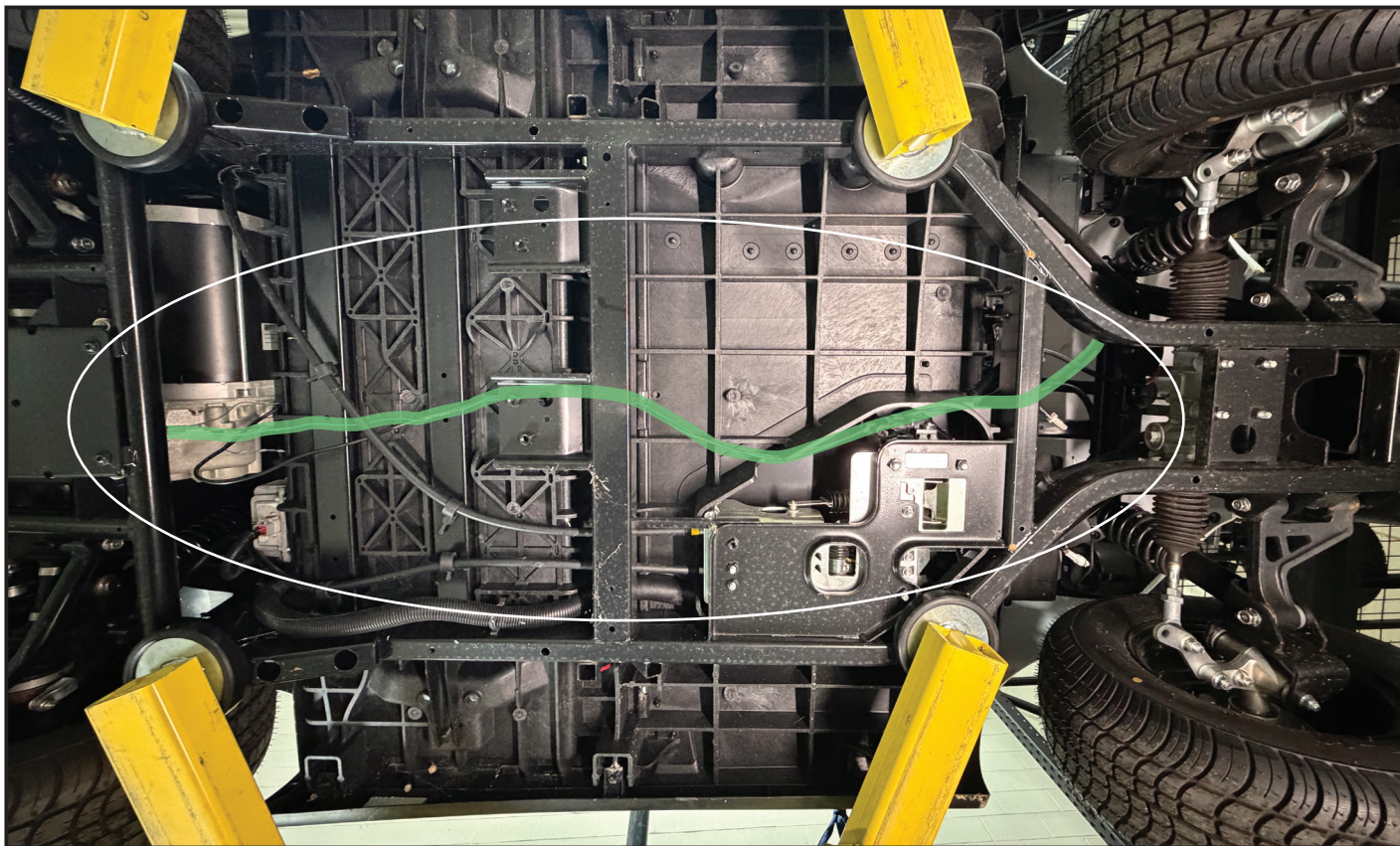
Plug Kinect™ Display Y Harness (25-320) into Kinect™ Display Harness (25-303) using the 9-pin connector.



STEP 9

Route the 6-pin connector end of the Kinect™ Display Harness (25-303) from the cupholder area of the dash to the battery tray. Going underneath the cart, follow the main OEM harness through the pedal box, and utilize the cart frame and brake line to route and secure harness. Use zip ties (not included) to secure the harness to the frame.

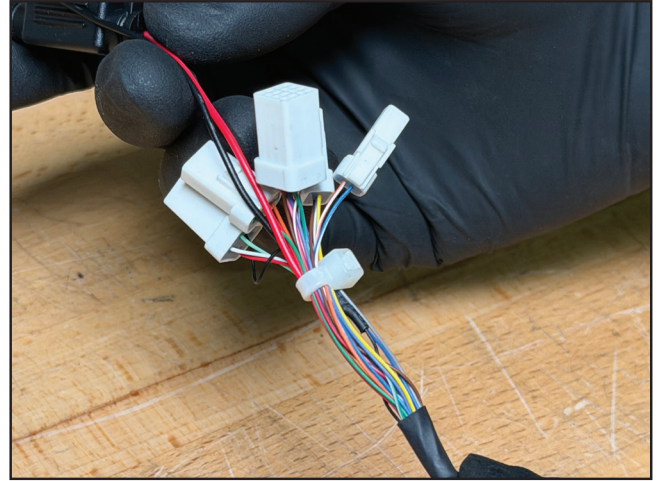
Note: This is a great time to route any auxiliary cables (i.e. installing a soundbar)



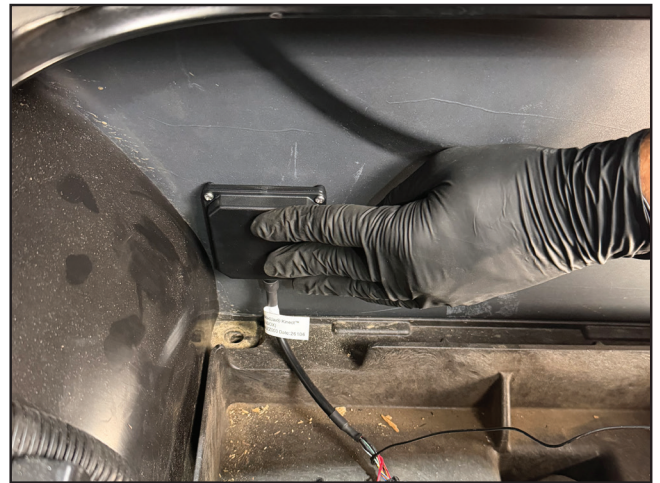
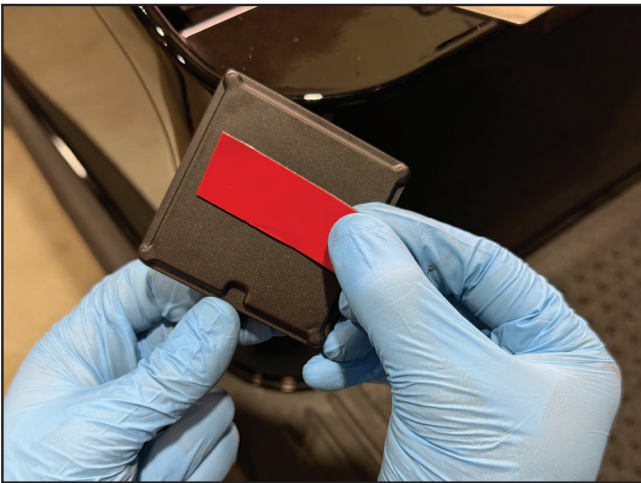
STEP 10

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

- a. Use a zip tie (not included) to secure the Kinect™ Hub wires together as shown.



- b. If not already applied, attach the 3M VHB tape strips (included) to the back side of the Kinect™ Hub.
- c. Find a good location to mount the hub (recommended to mount on the inside of the body close to battery, solenoid, and controller area).
- d. Clean the surface of the mounting location with alcohol.
- e. 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 Kinect™ 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



5mm Allen Wrench / Socket

Remove the Yamaha® motor cover.

- If you have a rear seat kit installed, it will need to be removed before proceeding.
- Remove 2 Allen head screws using 5mm Allen wrench/socket and retain hardware.

Note: These may be uninstalled with the removal of the rear seat kit.

- Lift off the motor cover from the rear of the cart and set aside.



STEP 14



12mm Wrench / Socket

Attach the Kinect Display (25-303) ACC wire to the battery (positive) terminal of the controller.

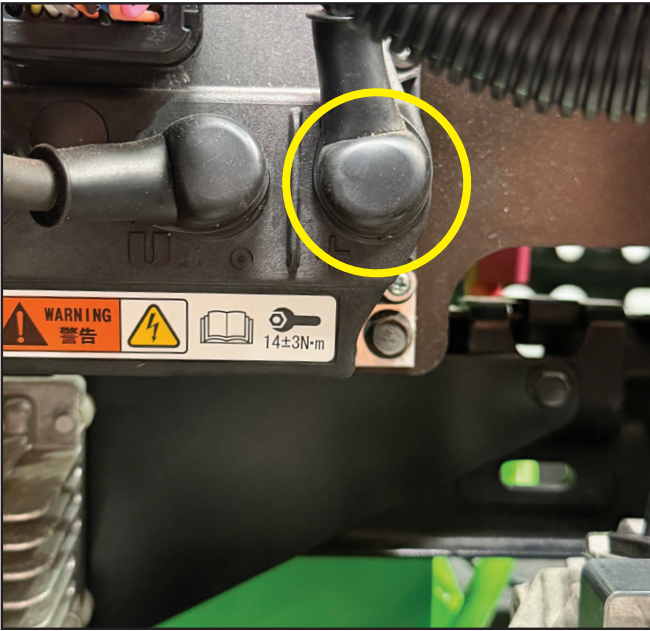
- Route the green ACC wire from the Kinect® Display Harness (25-303) to the battery (positive) terminal of the controller.
- Strip back about 3/8" of insulation and crimp a ring terminal on.



STEP 14

12mm Socket

- c. Remove specified bolt from the positive terminal of controller using a 12mm socket.
- d. Attach the ACC wire ring terminal (green wire) to bolt and reinstall.

**STEP 15**

5mm Allen Wrench / Socket

Reinstall the Yamaha® motor cover using the (2) retained allen head screws. If you removed a rear seat kit, it can now be reinstalled.

STEP 16

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



STEP 17

Small Flathead Screwdriver

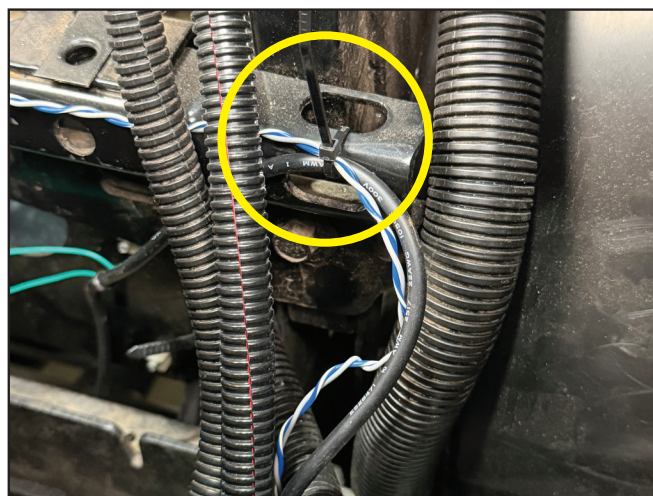
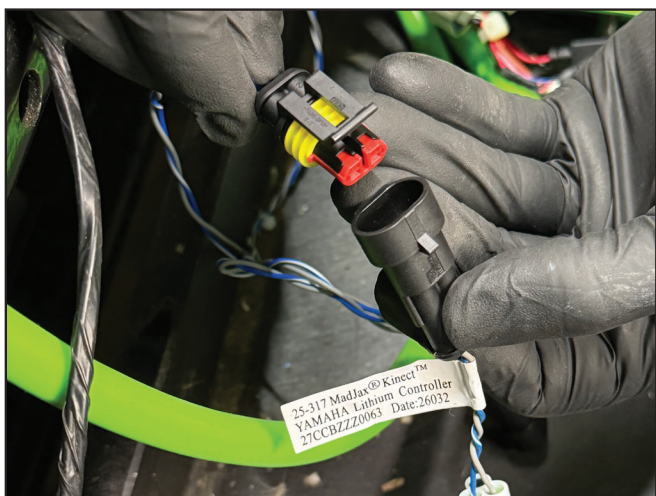
Route the other end of the Kinect® CAN Breakout Harness to the Yamaha® lithium controller CAN adapter with diagnostic CAN port located near the RUN/TOW switch. Detach the cap from the factory diagnostic CAN port plug (can use a small flathead screwdriver if necessary), and then plug in the Yamaha® CAN Adapter (25-317).

**STEP 18**

Small Screwdriver

Plug the Kinect® CAN Breakout Harness (25-304) into Yamaha® Lithium Controller CAN Adapter (25-317).

Note: It is recommended to use zip ties to attach the CAN Breakout Harness and the Display Harness to the frame as shown.



STEP 19



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.*

- Detach the plastic cover from the back of the Kinect™ display by removing the (4) M5 Phillips head screws. Discard the back cover, but retain the hardware.
- Feed the wires of the screen through the adapter.
- Using the retained hardware, attach the display to the adapter.



STEP 20



Phillips Head Screwdriver

Install the Kinect® Yamaha Drive2 adapter to the cupholder area by following the steps below.

- a. Attach the 9-pin cord on the Kinect display screen to the 9-pin Kinect Display Y Harness (25-320) installed in step 8.



- b. Set the Kinect® Drive2 Adapter into the cupholder area and press into place as shown below.



- c. Attach the back cover to the back of the display using the (2) provided Phillips head screws.



- d. Secure the adapter with retained Phillips head screw.

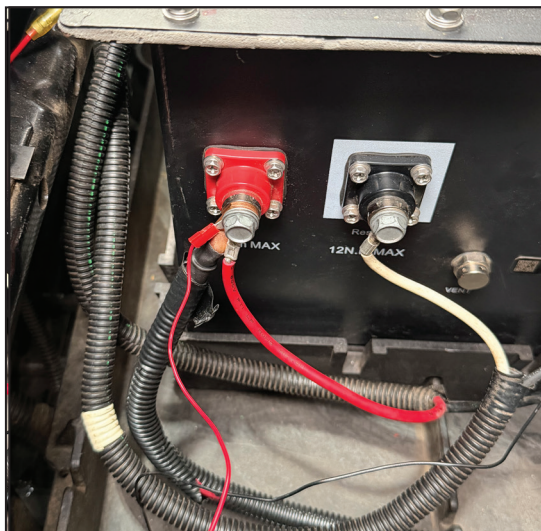


- e. Press the MadJax® button into place to cover the screw.

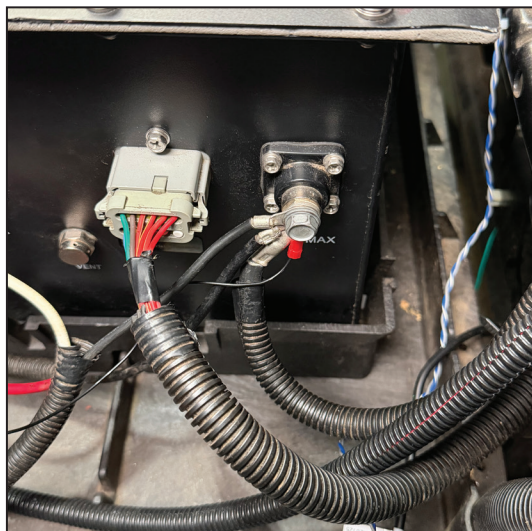


STEP 21

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 22

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

STEP 23

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



****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.



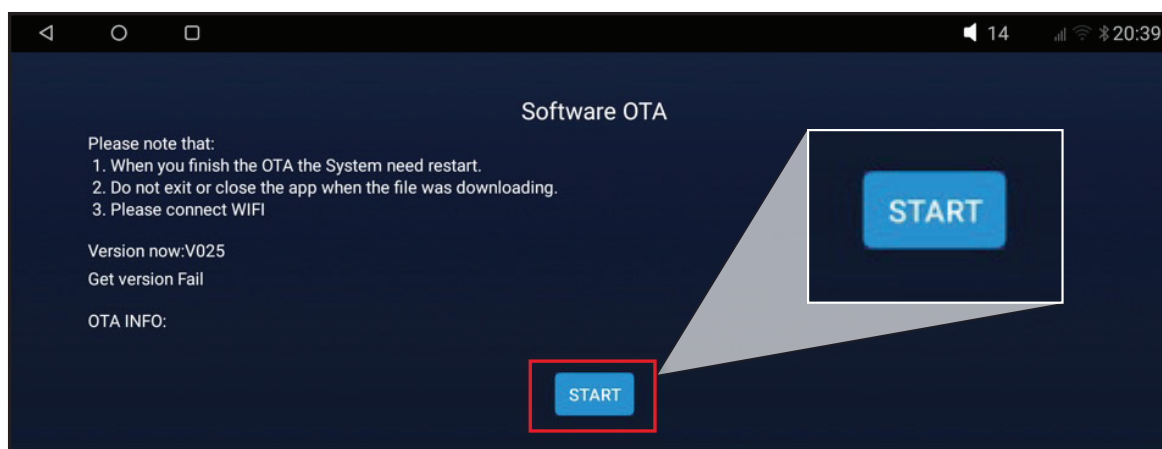
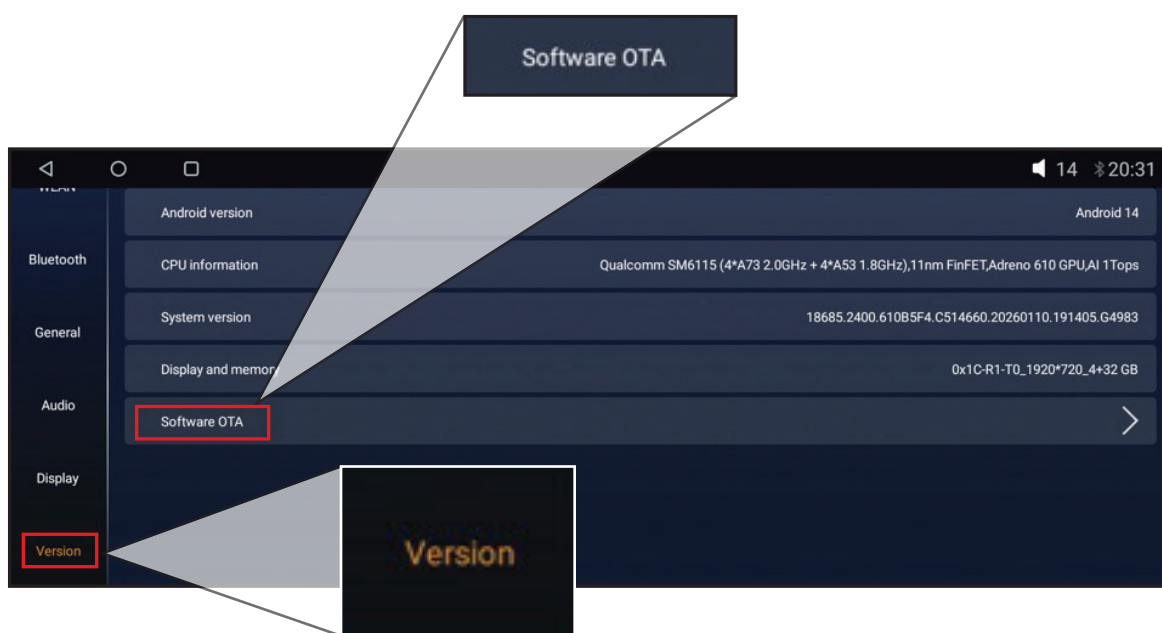
STEP 2

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.



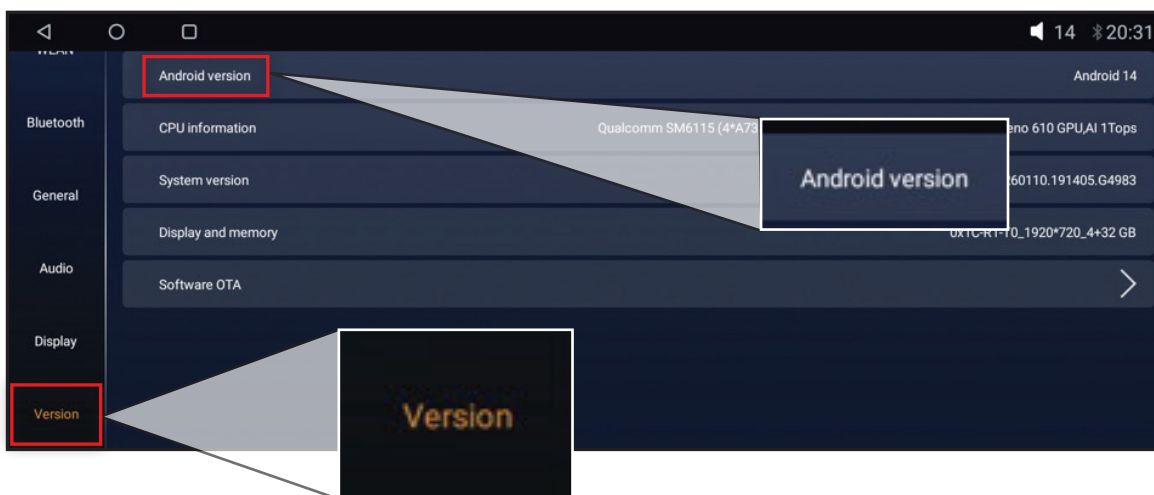
STEP 3

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.



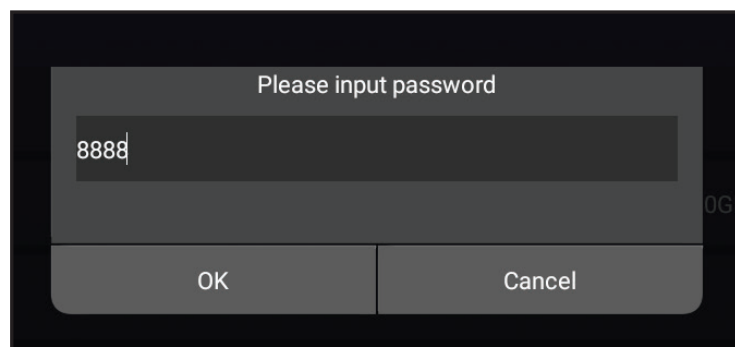
STEP 4 CONFIGURE SETTINGS FOR YOUR CART MODEL

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.



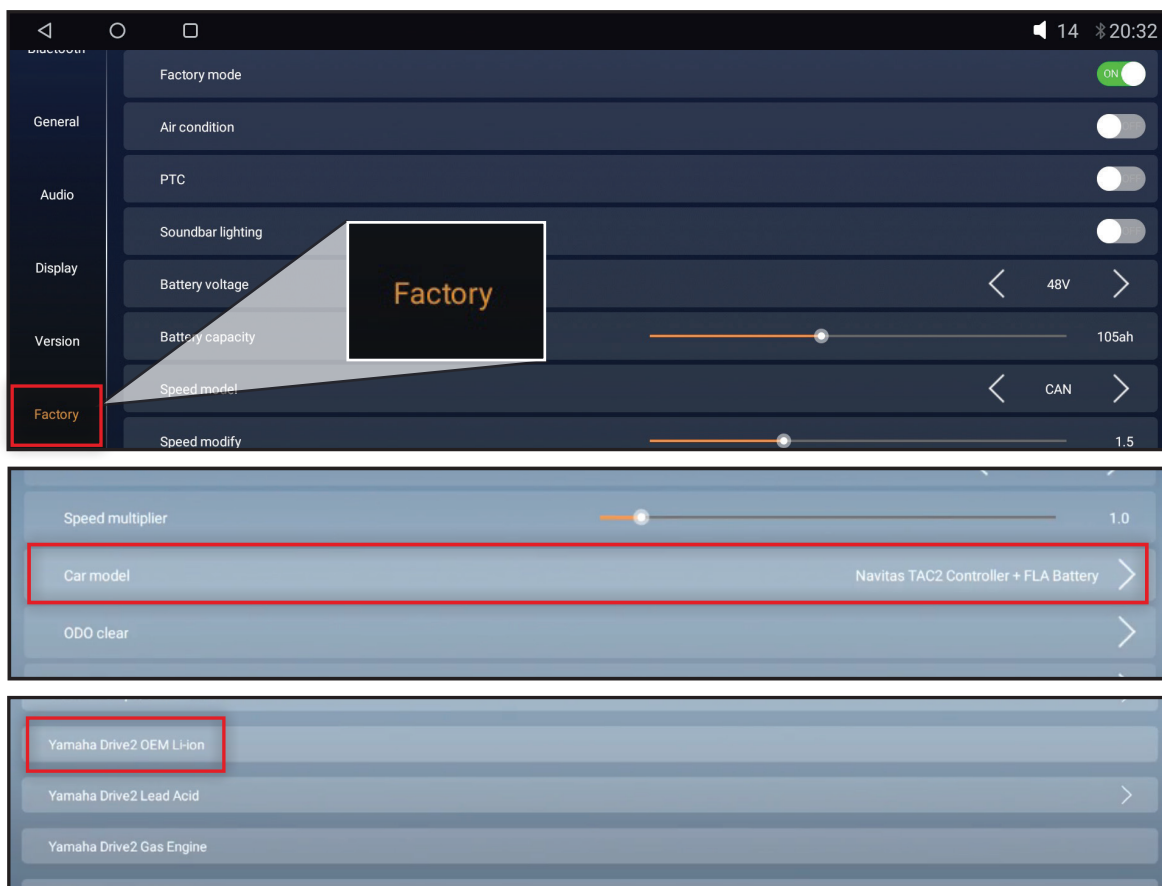
STEP 5

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.



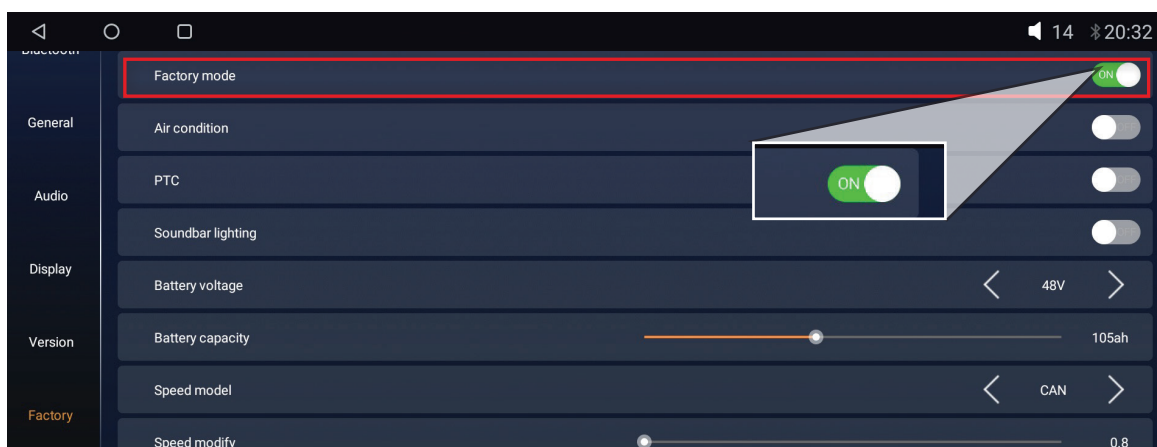
STEP 7

Adjust "Speed multiplier" settings as needed. Speed multiplier 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 8 EXIT FACTORY MODE

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



INSTALLATION COMPLETE