



VMOTO

LCD Instrument Panel of Vmoto Super Soco Electric Motorcycle

Operation Manual



Product Description

Two UI effects are developed for the intelligent instrument panel of Vmoto Super Soco Electric Motorcycle. Each effect is designed with “Strong Light” mode and “Night” mode which can be switched based on the intensity of the light.

“Strong Light” effect is adopted for type setting in the Manual.



Mode I Strong Light



Mode I Night



Mode II Strong Light

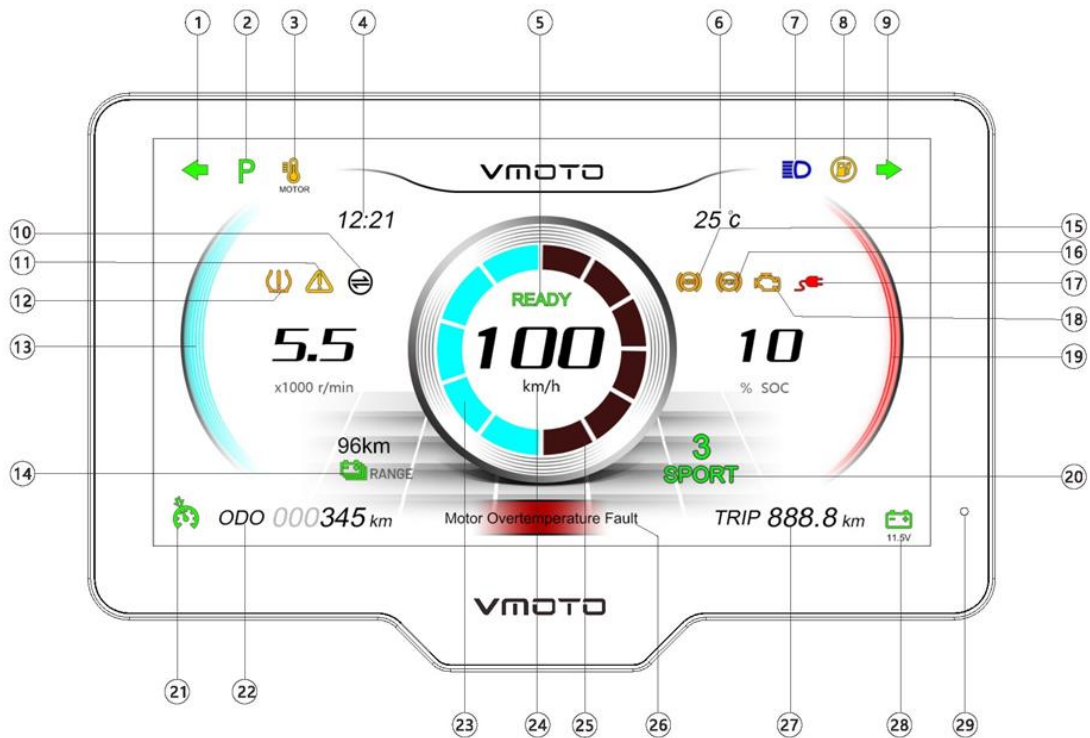


Mode II Night

Warm Tips














The illustrations and functional instructions in the User’s Manual are for reference only. If there is any product change, please refer to the actual product without prior notice. Thank you!

Instructions for Mode 1 Interface

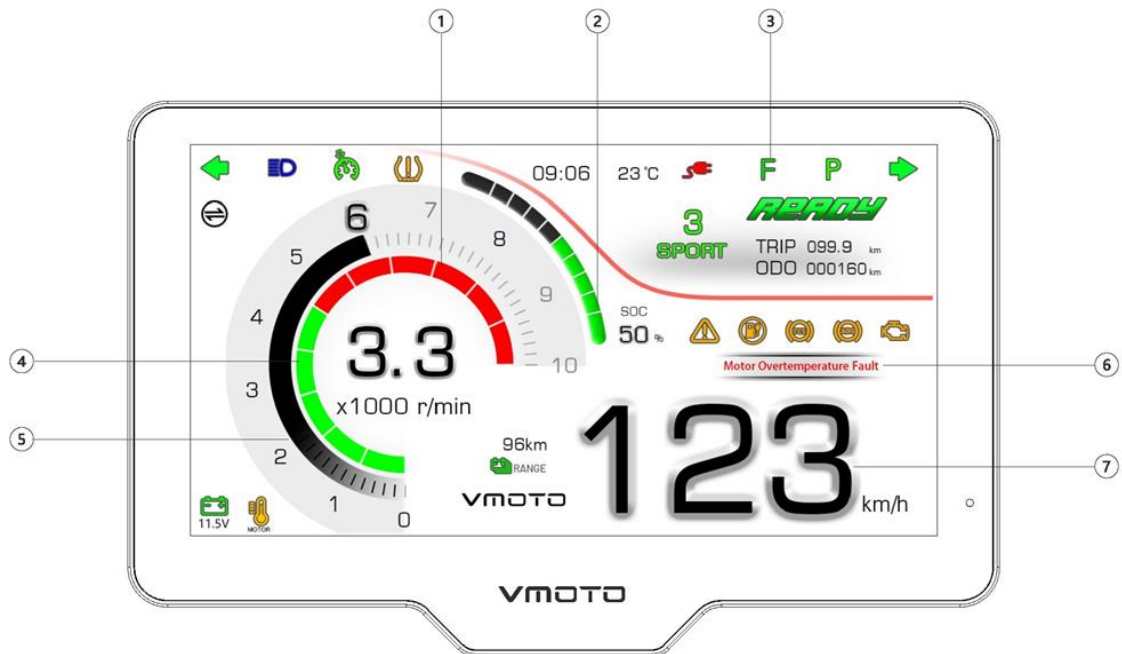


Interface Information

S/N	Icon	Interpretation
1	←	Left turn signal
2	P	Gear display
3	MOTOR	Temperature alarm
4	12:21	Time display
5	READY	READY to ride
6	25 °C	Ambient temperature
7	HD	High beam indicator
8	⚡	Charging indicator
9	→	Right turn signal
10	⊖	CAN communication state
11	⚠	Exception prompt
12	⚖	Tire pressure alarm
13	5.5	Speed display

S/N	Icon	Interpretation
14	96km 	Range
15		ABS alarm prompt
16		TCS
17		Charger connection
18		Fault indicator
19	10 	SOC (State of Charge) display
20	3 SPORT 	Gear display
21		Cruise control
22	ODO 000345 km	Total mileage display
23		Energy recovery
24	100 km/h 	Speed display
25		Controller current
26	Motor Overtemperature Fault	Fault display ZJX
27	TRIP 888.8 km	Trip display
28	 11.5V	Battery voltage
29		Photosensitive sensor

Instructions for Mode 2 Interface



Interface Information


S/N	Icon	Interpretation
1		Controller current
2		SOC (State of Charge) display
3		Gear display
4		Energy recovery
5		Rotate speed
6		Fault display
7		Speed

Please refer to Page 2\3 for details on other keys and warning lights.

Instructions for Charging Interface



Interface Information

S/N	Icon	Interpretation
1		Charging interface: Displayed during charging For charging after power-off: The charging interface is displayed for 30 seconds and then closed, with charging icon only displayed. For charging after power-on: The charging interface is always displayed.

Instructions for [Phone System] Interface



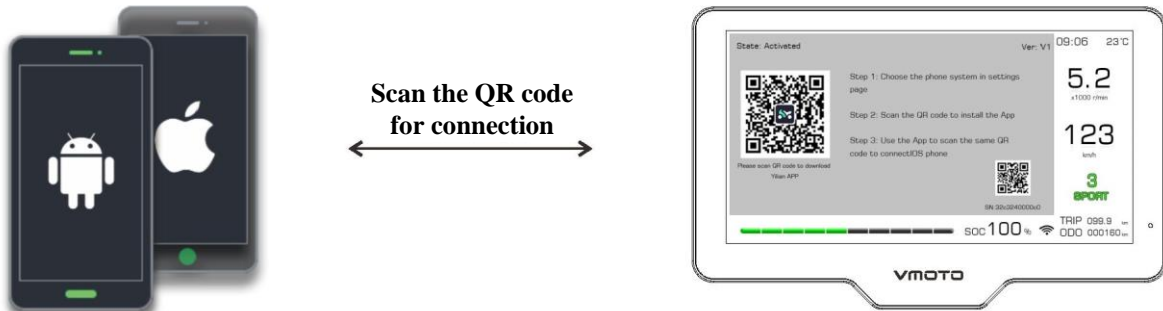
Interface Information

S/N	Icon	Interpretation
1		Display area of the [Phone System] Interface
2		Rotate speed
3		Speed
4		SOC (State of Charge) display
5		WIFI signal

Please refer to Page 2\3 for details on other keys and warning lights.

Instructions for [Phone System] Interface

1. Connection method



Connect the phone by scanning the QR code and then enable high-speed transmission and HD projection.

2. Instructions for Android Phone Connection

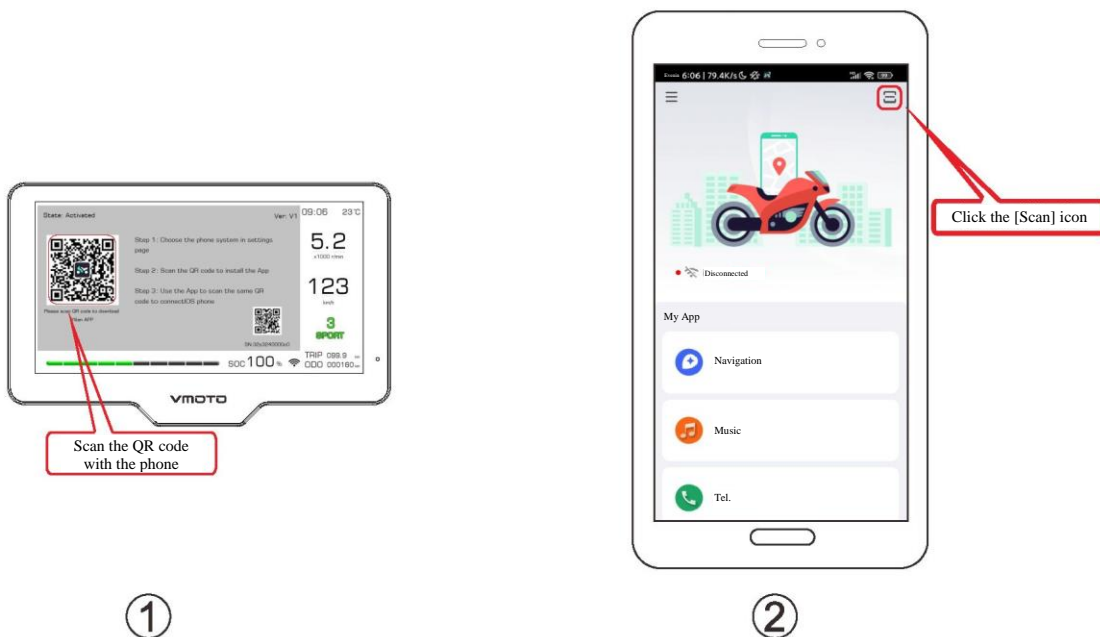
2.1 Download of Phone Internet APP

Scan the QR code in the upper right corner according to the prompts on the Internet interface, or search for the APP in the mobile phone APP market of each brand and then download and install the APP.



2.2 Connection description



Switch the instrument panel to the [Phone Internet] interface, open the Carbit Ride on the phone, click the [Scan Code] icon, scan the QR code on the instrument panel interface, and connect the instrument panel according to the prompt of scanning code.



Instructions for [Phone System] Interface

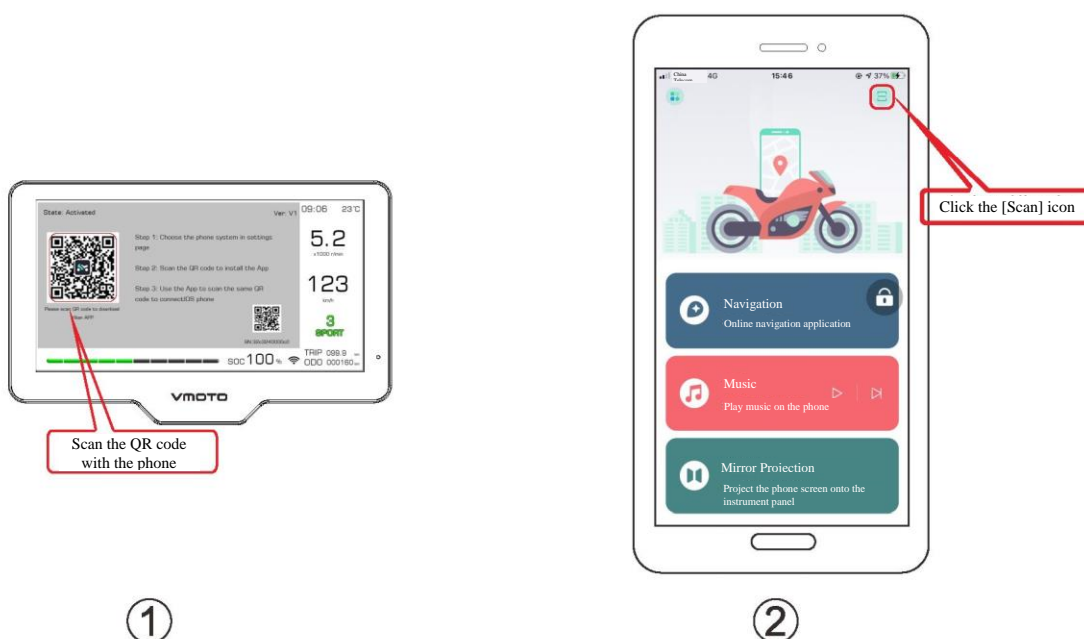
3. Instructions for iPhone Connection

3.1 Download of Phone Internet APP

Open the APP Store , search for "Carbit Ride APP ", and download and install the App.

3.2 Instructions for iPhone Connection

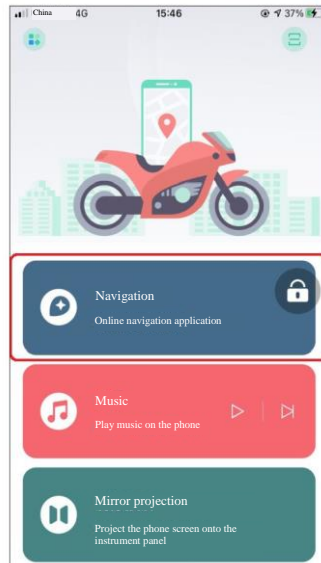
Switch the instrument panel to the [Phone Internet] interface, open the Carbit Ride on the phone, click the [Scan Code] icon, scan the QR code on the instrument panel interface, and connect the instrument panel according to the prompt of scanning code.



Instructions for [Phone System] Interface

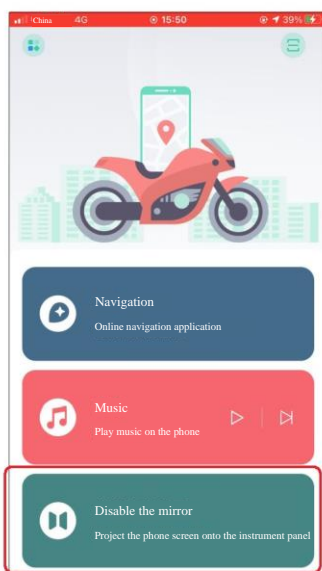
3.4 How to navigate on the iPhone

3.4.1 Open the APP "Carbit Ride" on the phone as shown in the figure below, and click "My App" ->"Navigation" ->"Set Destination". After the phone locks the screen, the instrument panel will display the lock screen.

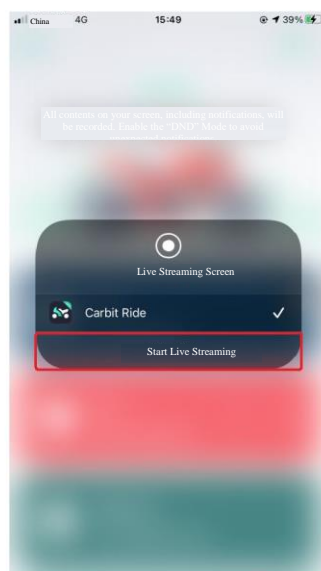


3.4.2 How to enable mirror projection on the iPhone

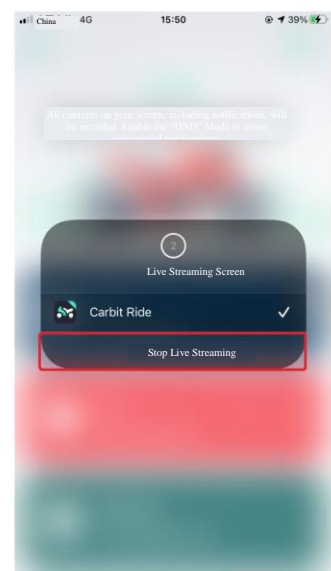
Open the APP "Carbit Ride" on the phone as shown in the left figure below, click "Mirror Projection" and the "Live Streaming Screen" will pop up. Select "Start Live Streaming" to enable full-screen projection of the phone. Return to the phone interface by clicking the HOME key and select a third-party APP for screen projection. (After selecting the third-party APP screen casting, the phone locks the screen and the instrument panel will display the lock screen.)



①

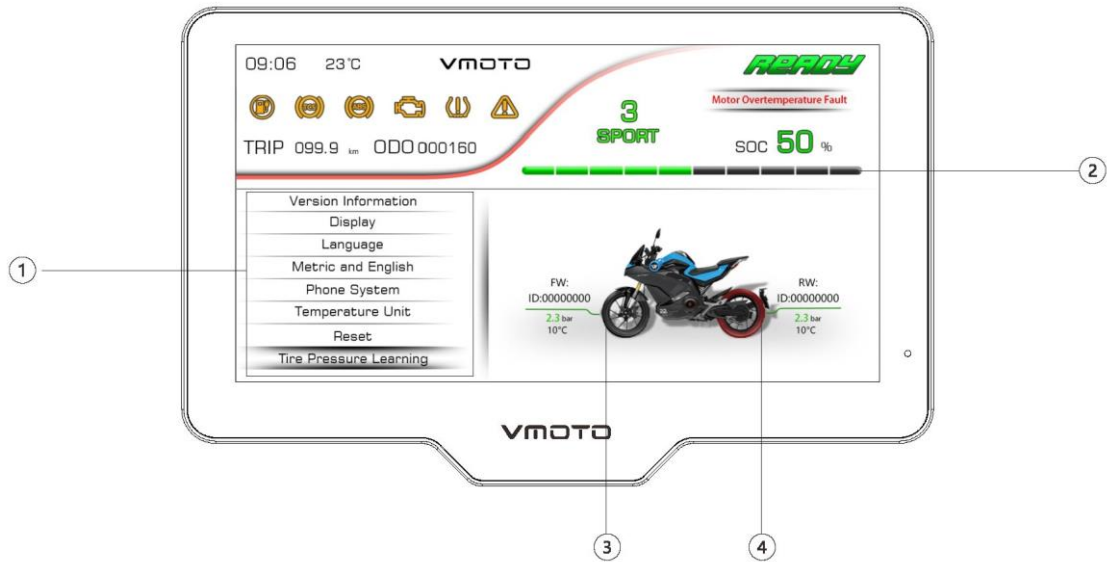


②



③

Instructions for Setting Interface

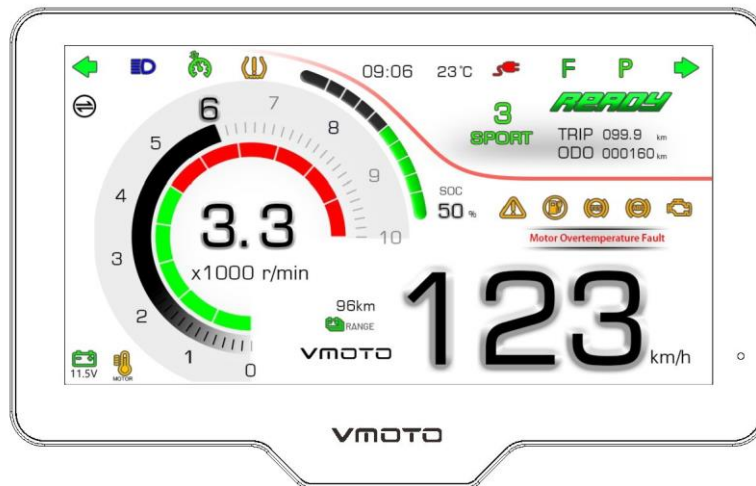


Interface Information

S/N	Icon	Interpretation
1		Set the menu options (Version Information, Display, Language, Metric and English, Phone System, Temperature Unit, Reset, Tire Pressure Learning, and TCS)
2		SOC (State of Charge) display
3		FW: Front wheel (ID value, front tire pressure value, temperature value)
4		RW: Rear wheel (ID value, rear tire pressure value, temperature value)

Please refer to Page 2\3 for details on other keys and warning lights.

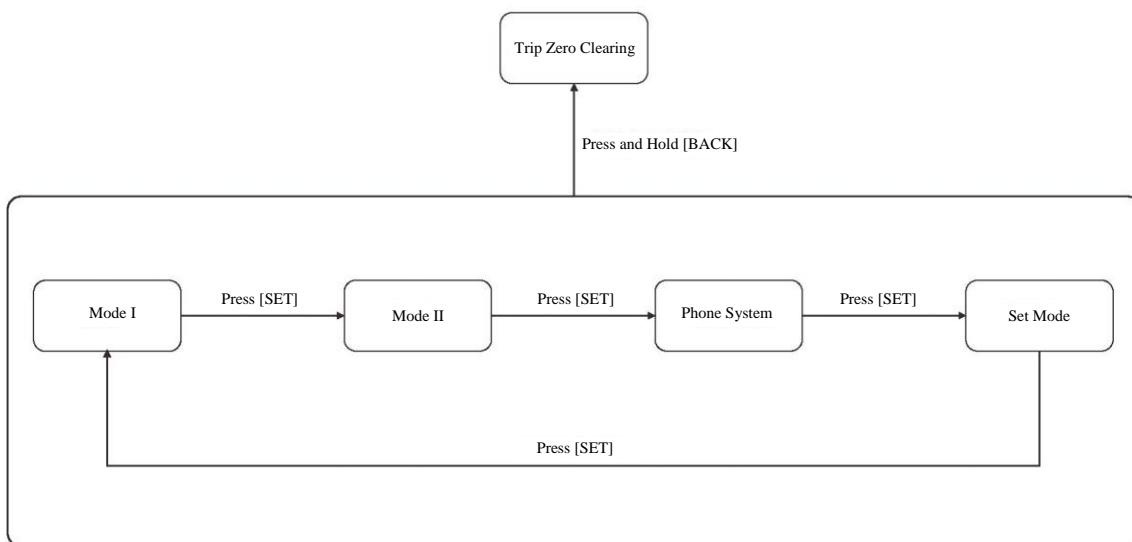
Instructions for Panel Mode



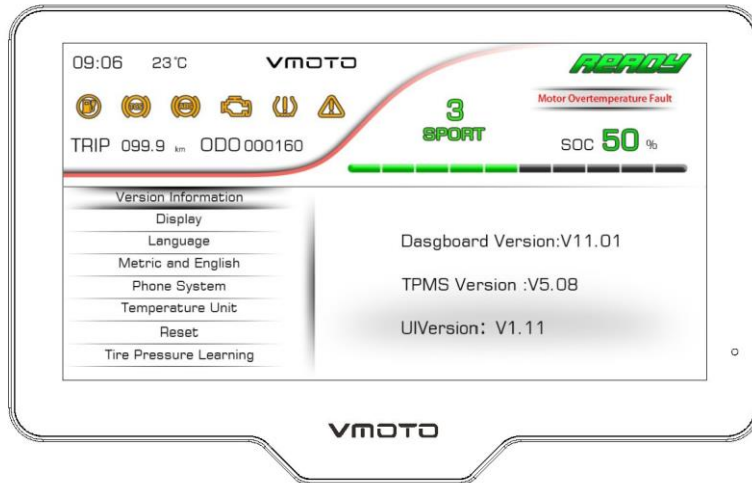
Press the [SET] key to cycle through: Mode 1, Mode 2, Phone System and Set Mode.

Press and hold the [BACK] key to zero the Trip value.

Refer to the following logic block diagram:



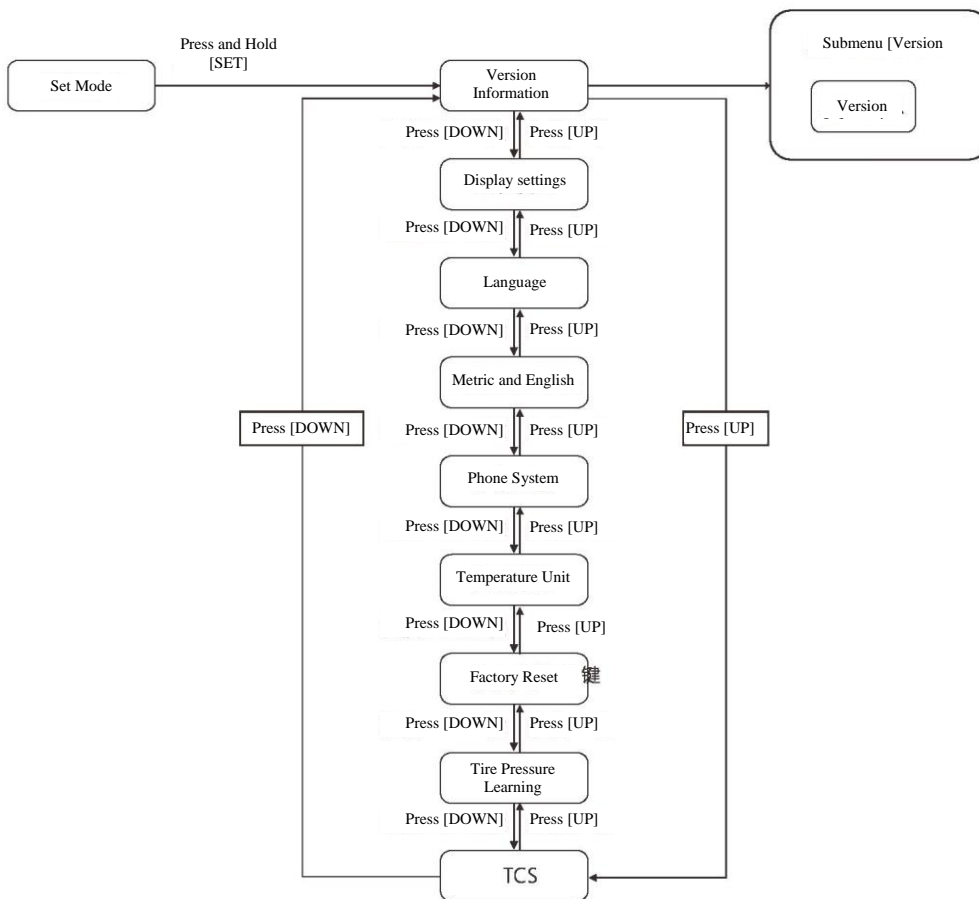
Instructions for Setting the Submenu [Set Mode]



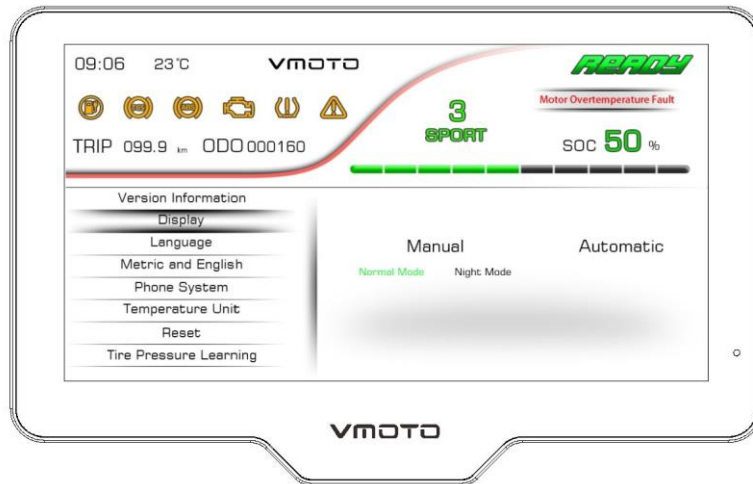
After switching to the option [Set Mode], press and hold the [SET] key to enter the submenu [Settings].

Press the [DOWN] key to cycle through the function setting options (Version Information, Display, Language, Metric and English, Phone System, Temperature Unit, Reset, Tire Pressure Learning, and TCS).

Refer to the following logic block diagram:



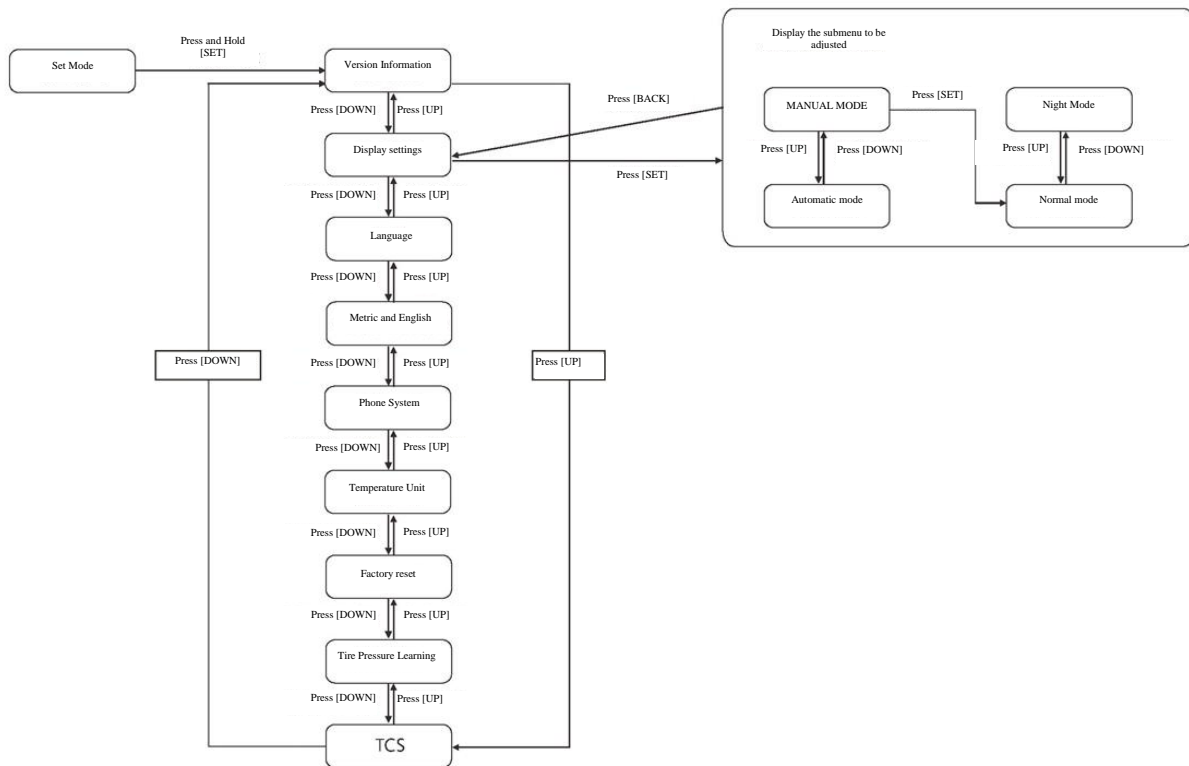
Instructions for Setting the Submenu [Display Settings]



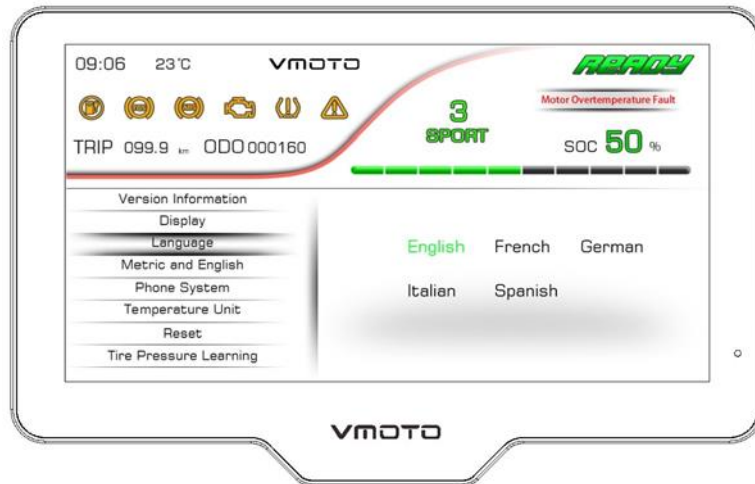
Press the [SET] key to enter the submenu [Display Settings].

Press the [SET] key after determining the option.

Refer to the following logic block diagram:



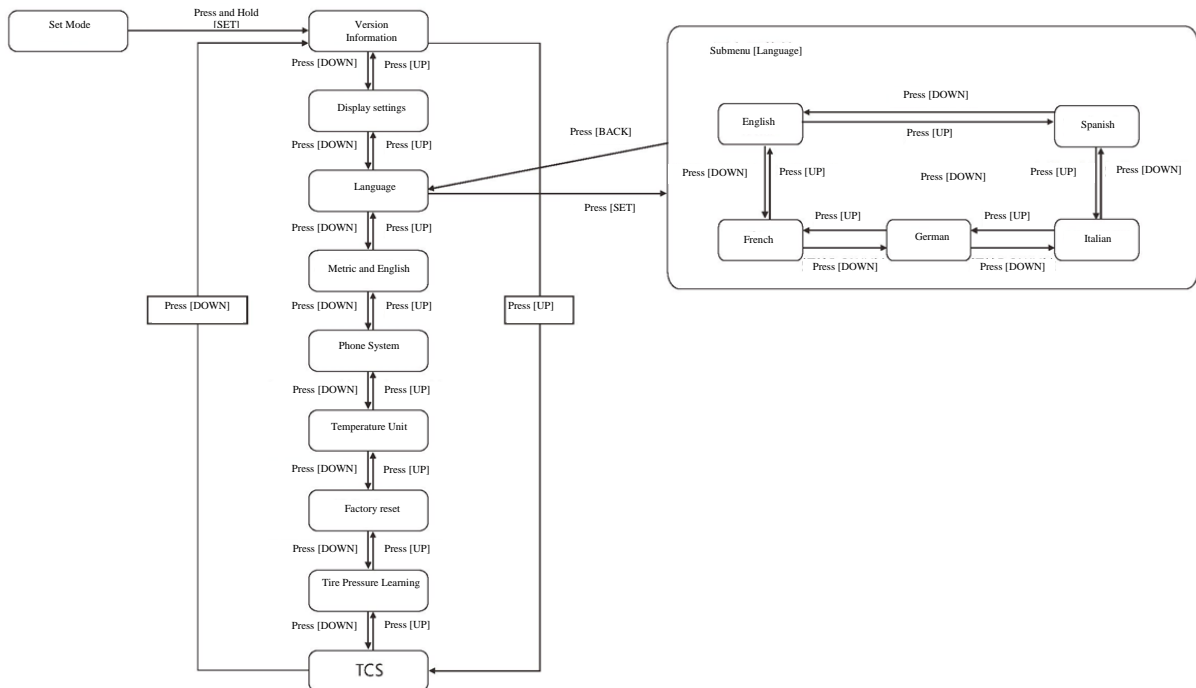
Instructions for Setting the Submenu [Language]



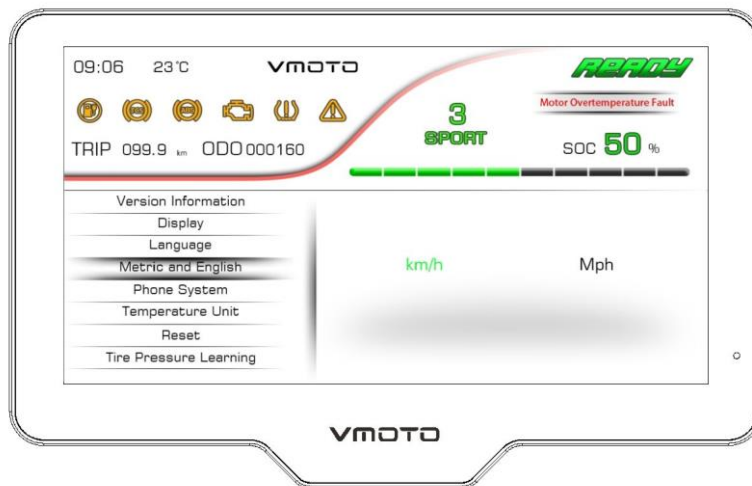
Press the [SET] key to enter the submenu [Language].

Press the [SET] key after determining the option.

Refer to the following logic block diagram:



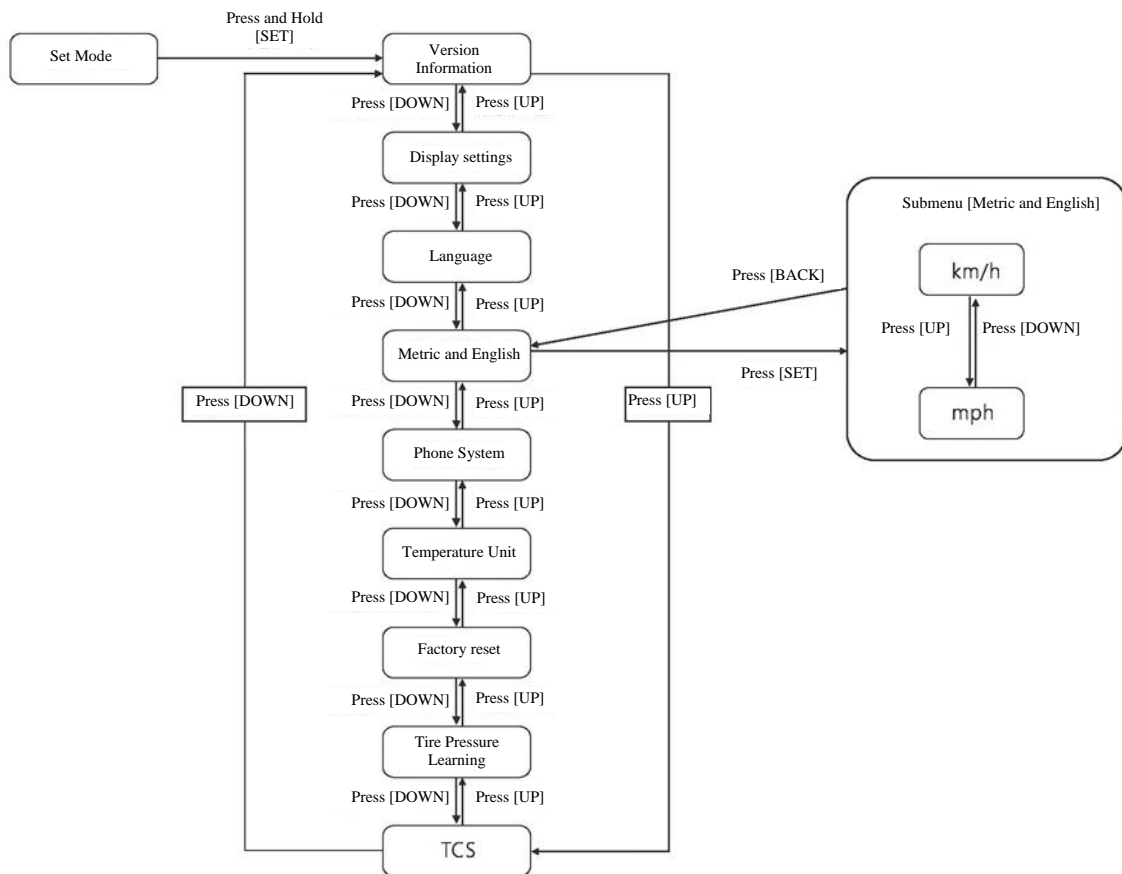
Instructions for Setting the Submenu [Metric and English]



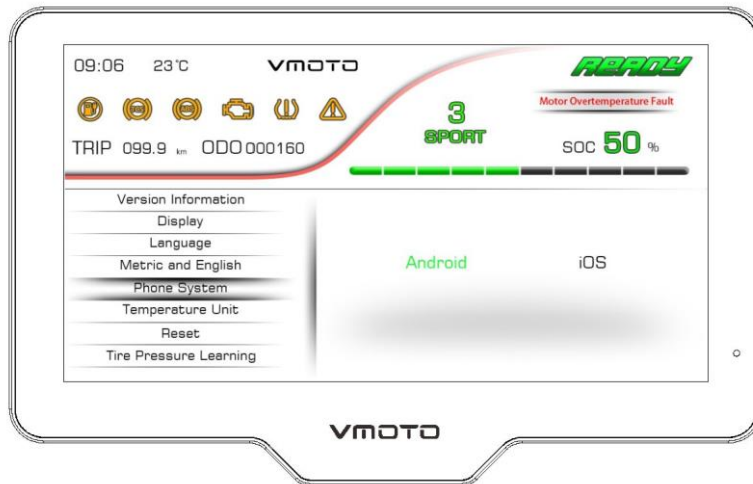
Press the [SET] key to enter the submenu [Metric and English].

Press the [SET] key after determining the option.

Refer to the following logic block diagram:



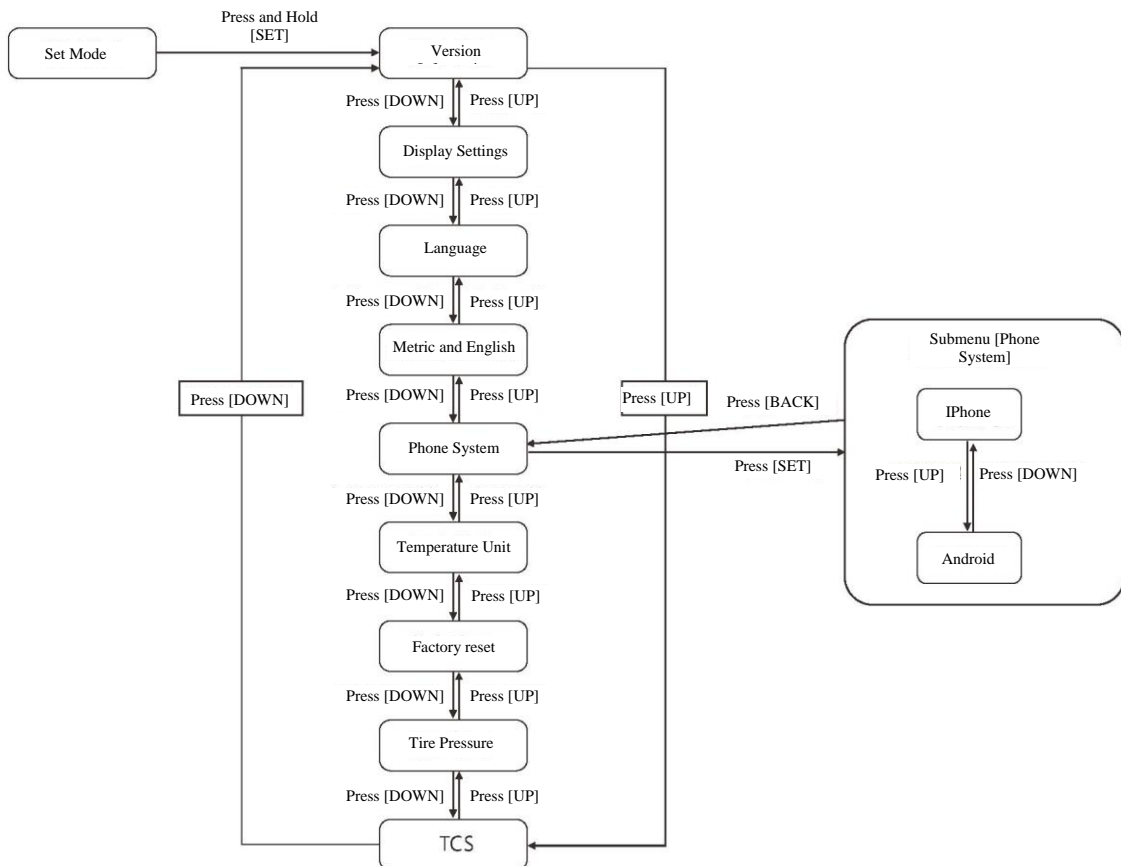
Instructions for Setting the Submenu [Phone System]



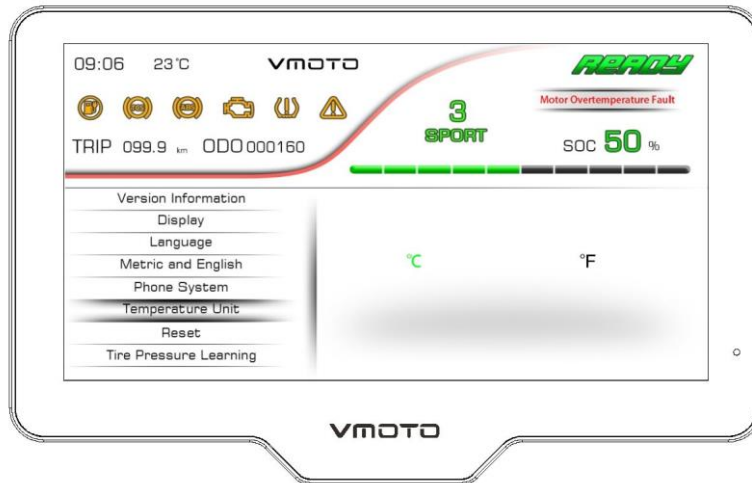
Press the [SET] key to enter the submenu [Phone System].

Press the [SET] key after determining the option.

Refer to the following logic block diagram:



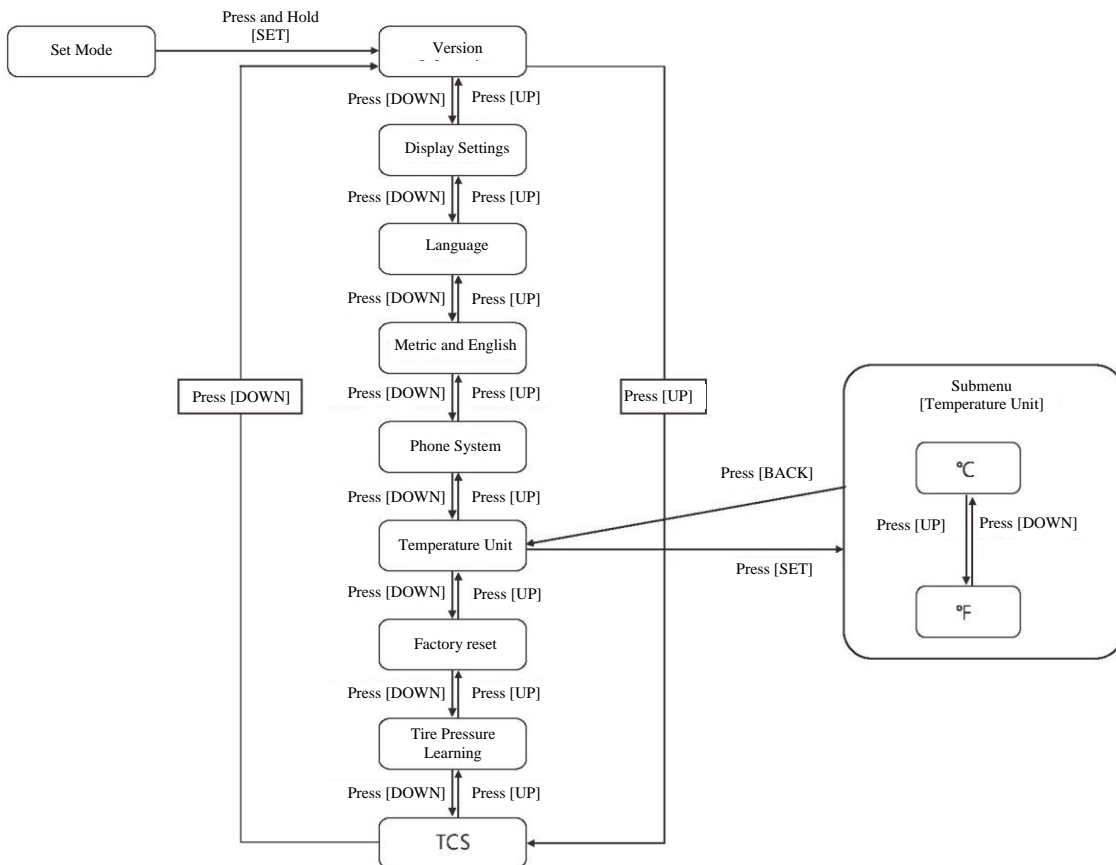
Instructions for Setting the Submenu [Temperature Unit]



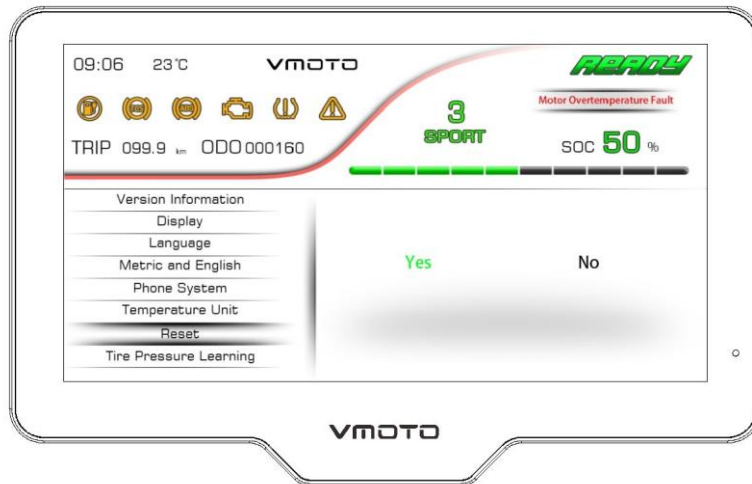
Press the [SET] key to enter the submenu [Temperature Unit].

Press the [SET] key after determining the option.

Refer to the following logic block diagram:

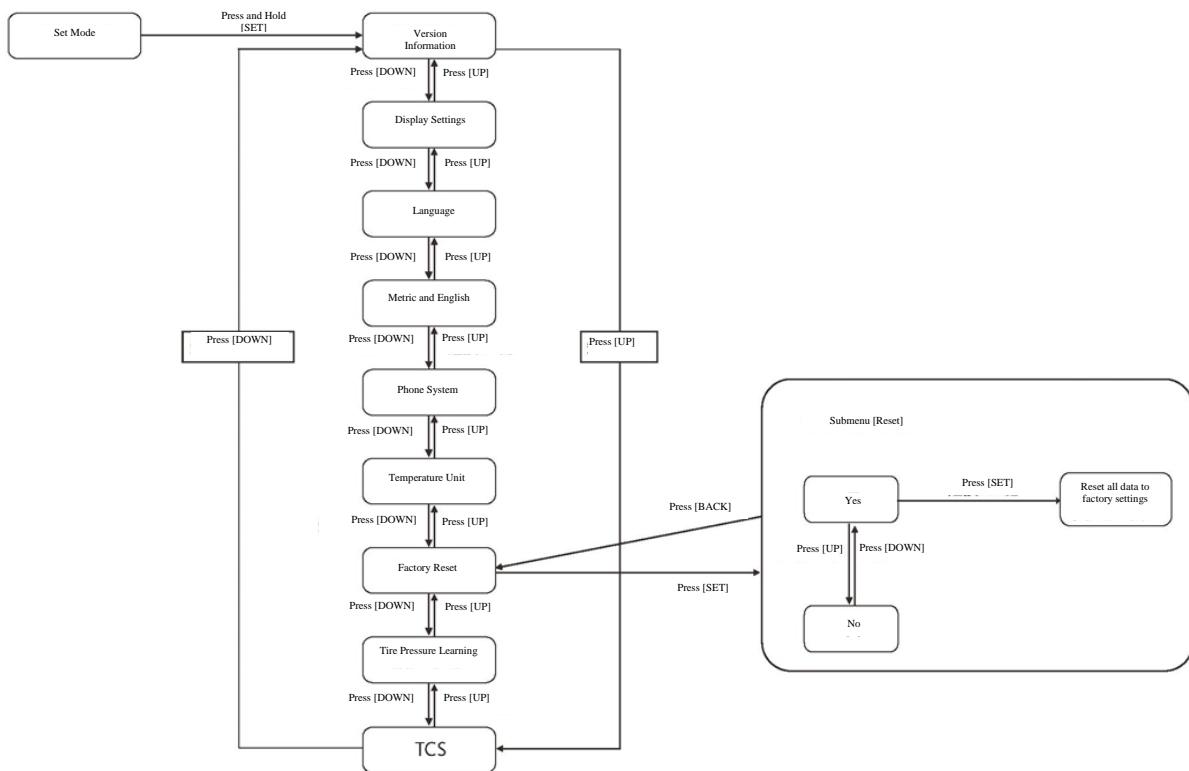


Instructions for Setting the Submenu [Reset]



Press the [SET] key to enter the submenu [Reset].

Refer to the following logic block diagram:

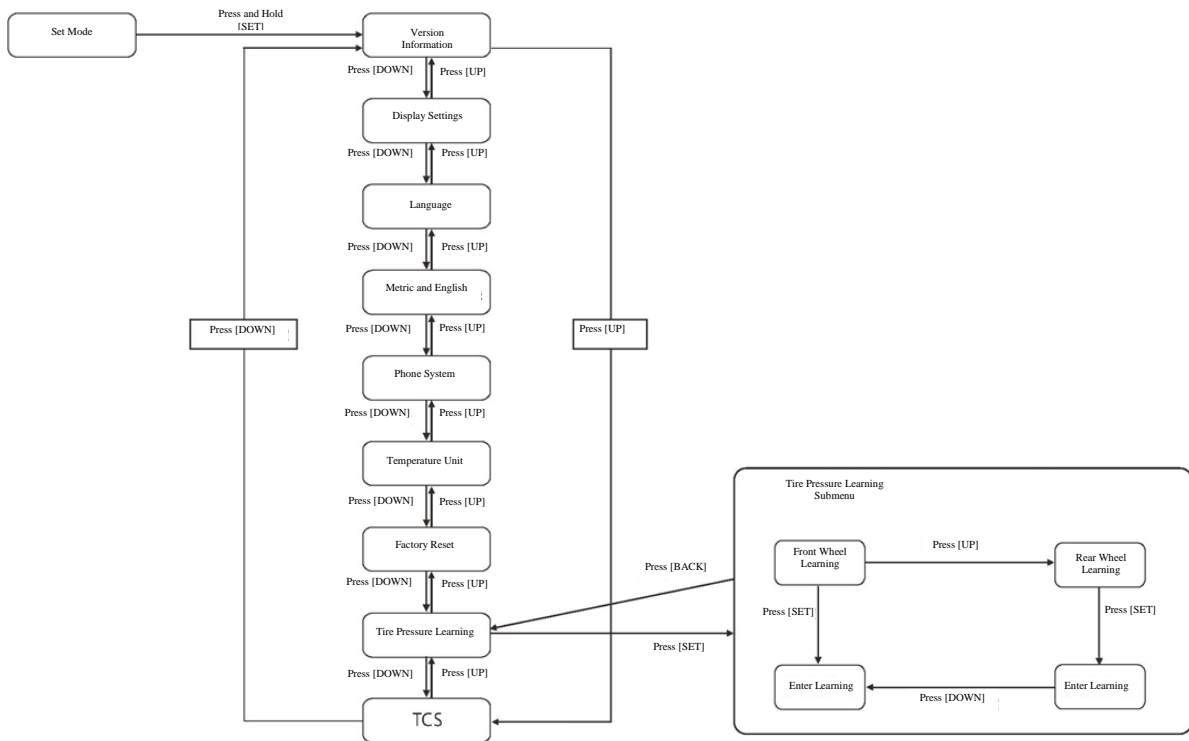


Instructions for Setting the Submenu [Tire Pressure Learning]

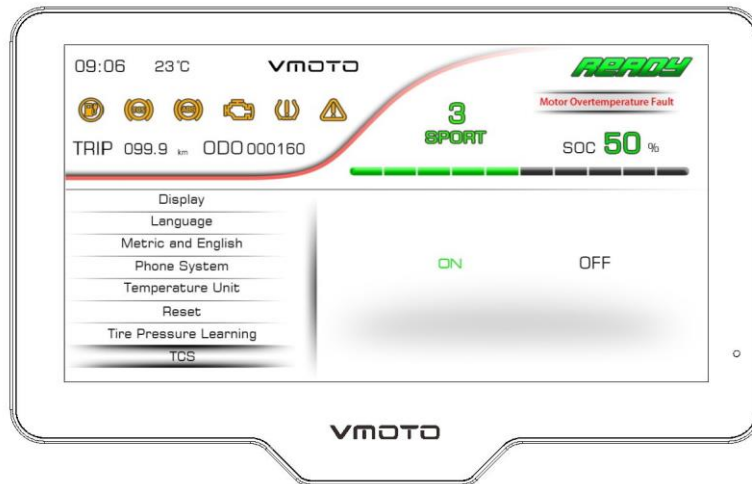


Press the [SET] key to enter the submenu [Tire Pressure Learning].

Refer to the following logic block diagram:



Instructions for Setting the Submenu [TCS]



Press the [SET] key to enter the submenu [TCS].

Refer to the following logic block diagram:

