

FCT-NX

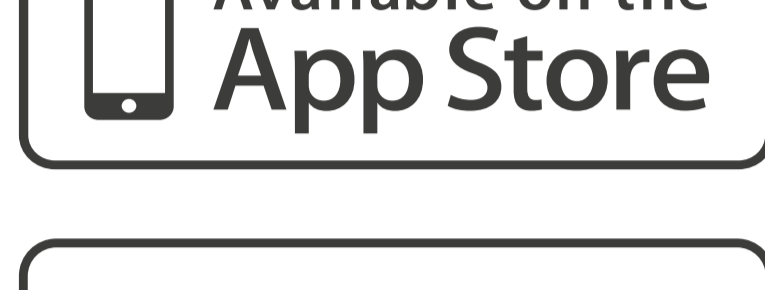
User Manual



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Registration

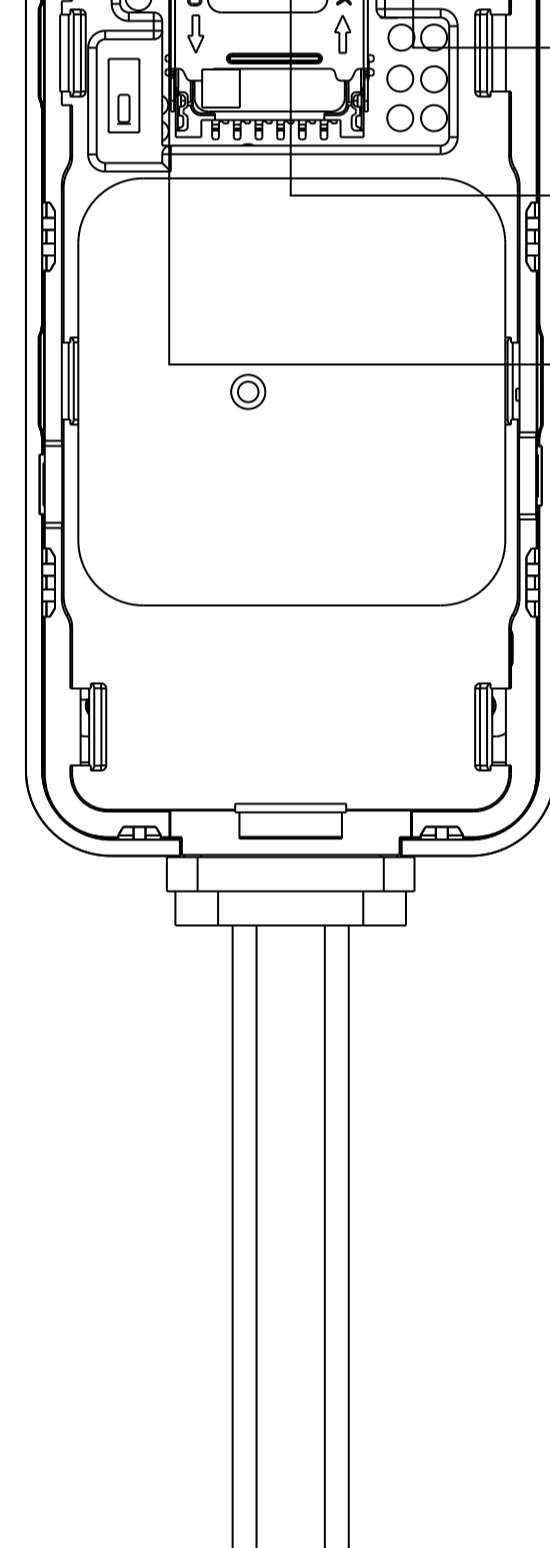
1. Download the **TramigoApp** to your mobile phone and register.



2. Tap **Add New Device** and enter the IMEI from the device label. The device will be recognized automatically. The FCT-NX includes a built-in eSIM, which can be activated after the device is registered.



Preparation

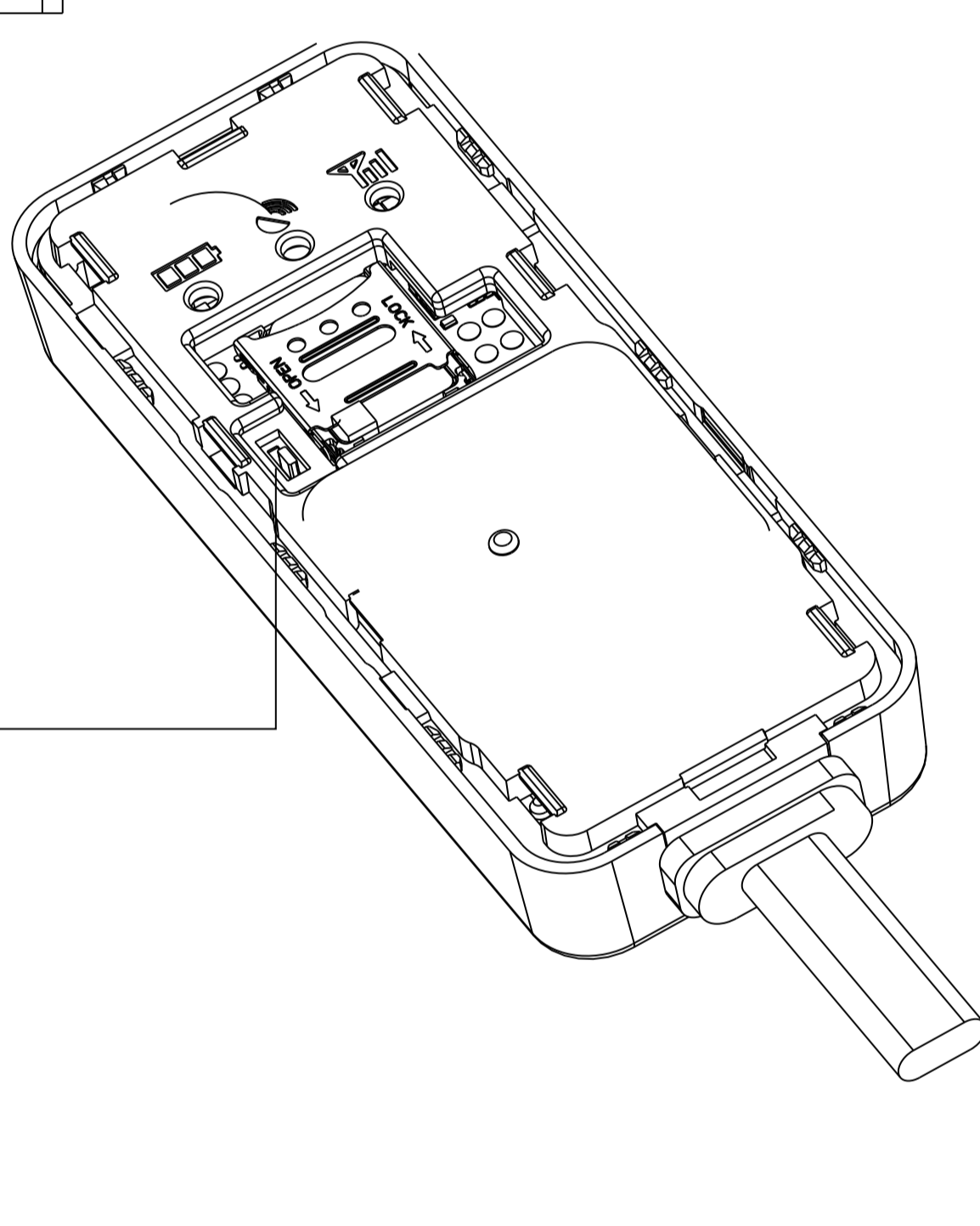


Network indicator

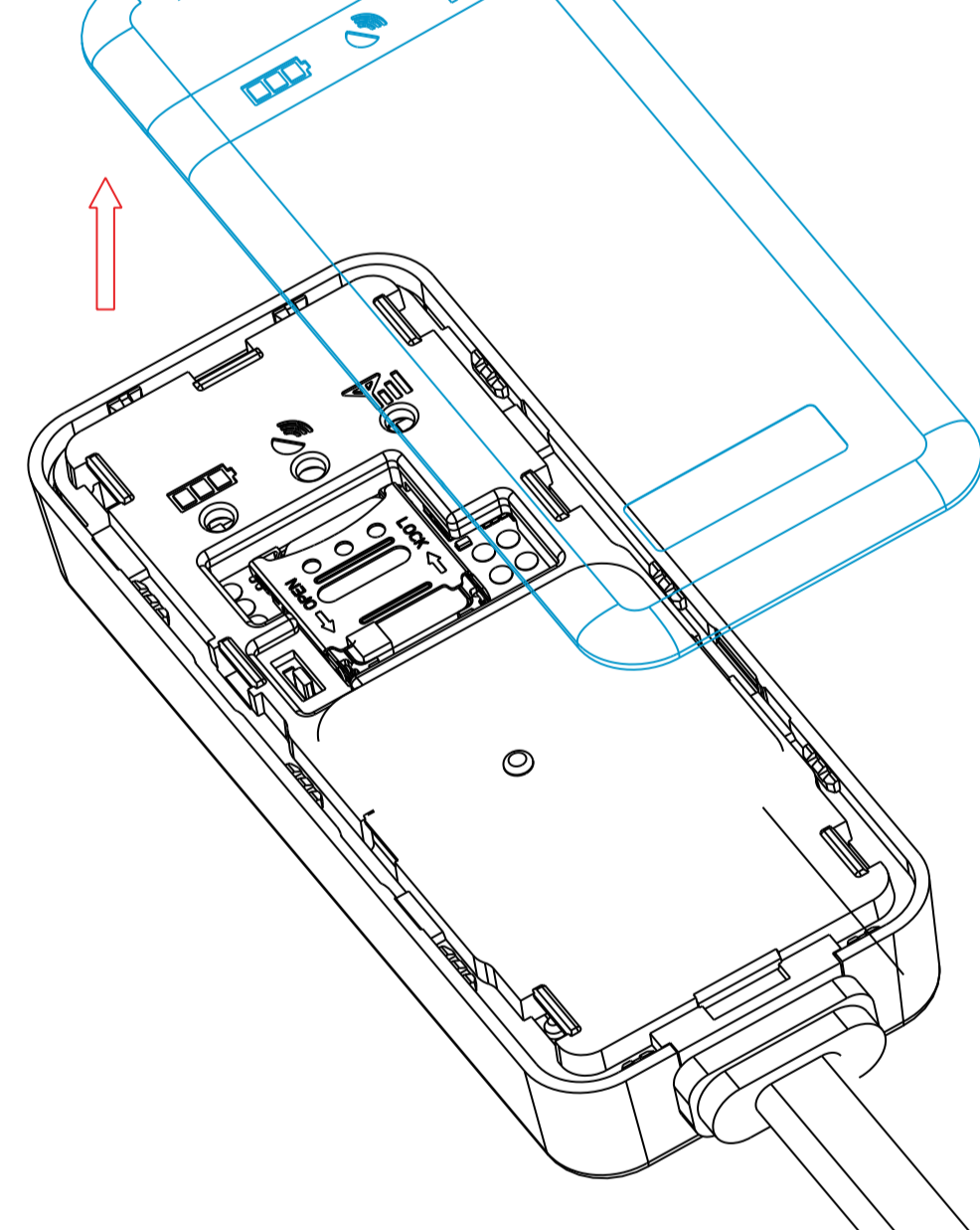
GNSS indicator

Power indicator

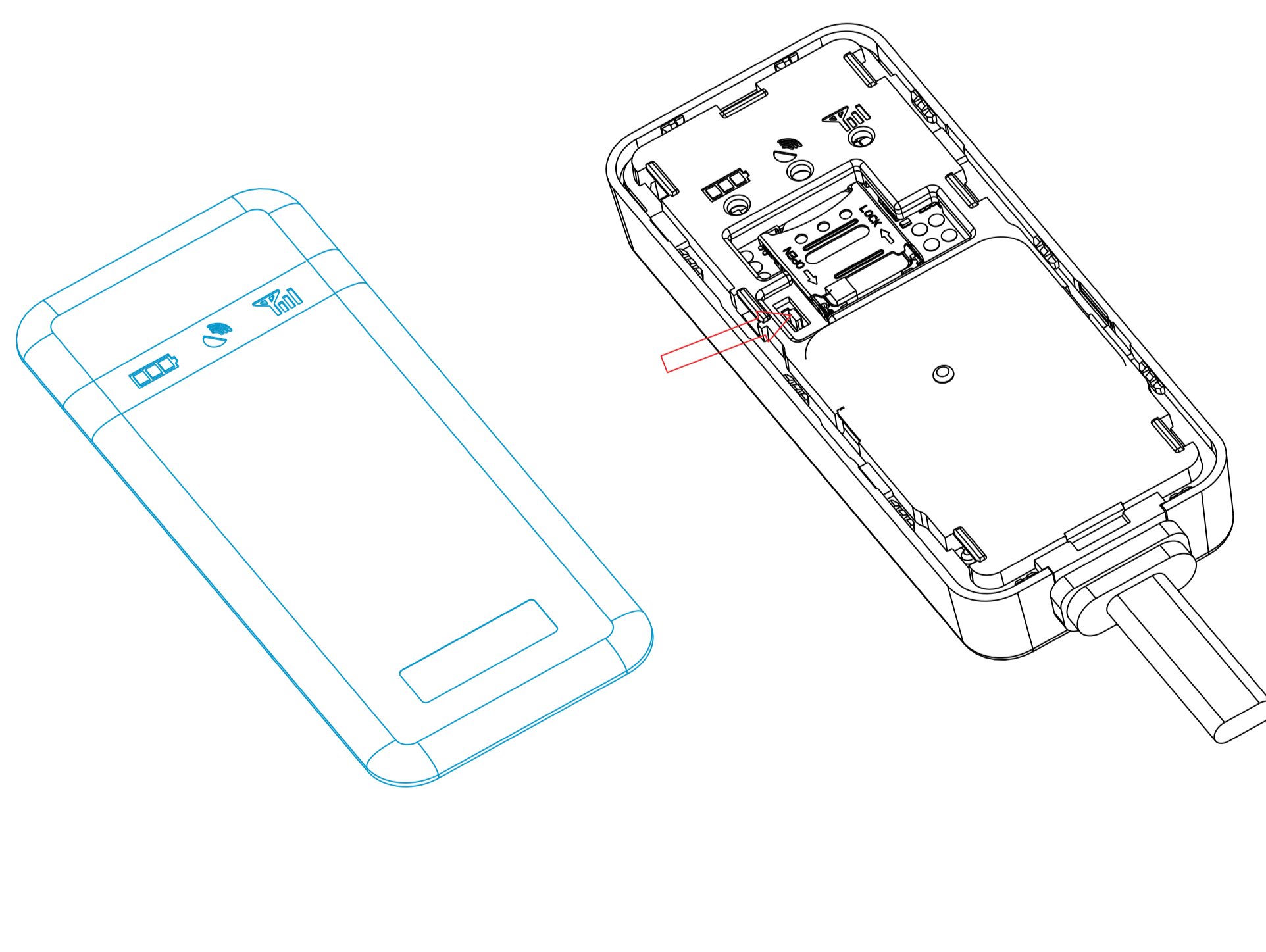
On/off switch



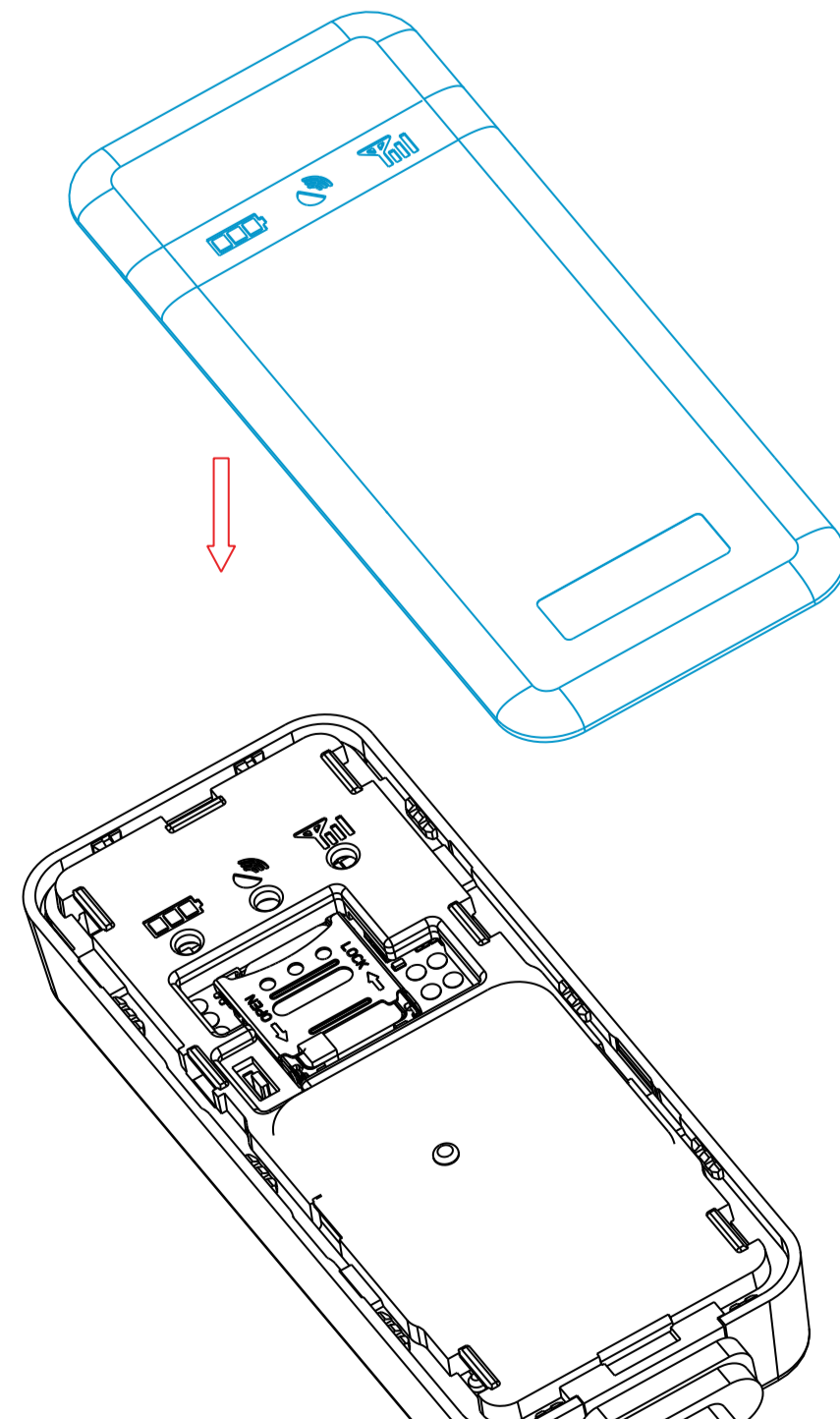
1. Remove the front cover of the device to access the internal components.



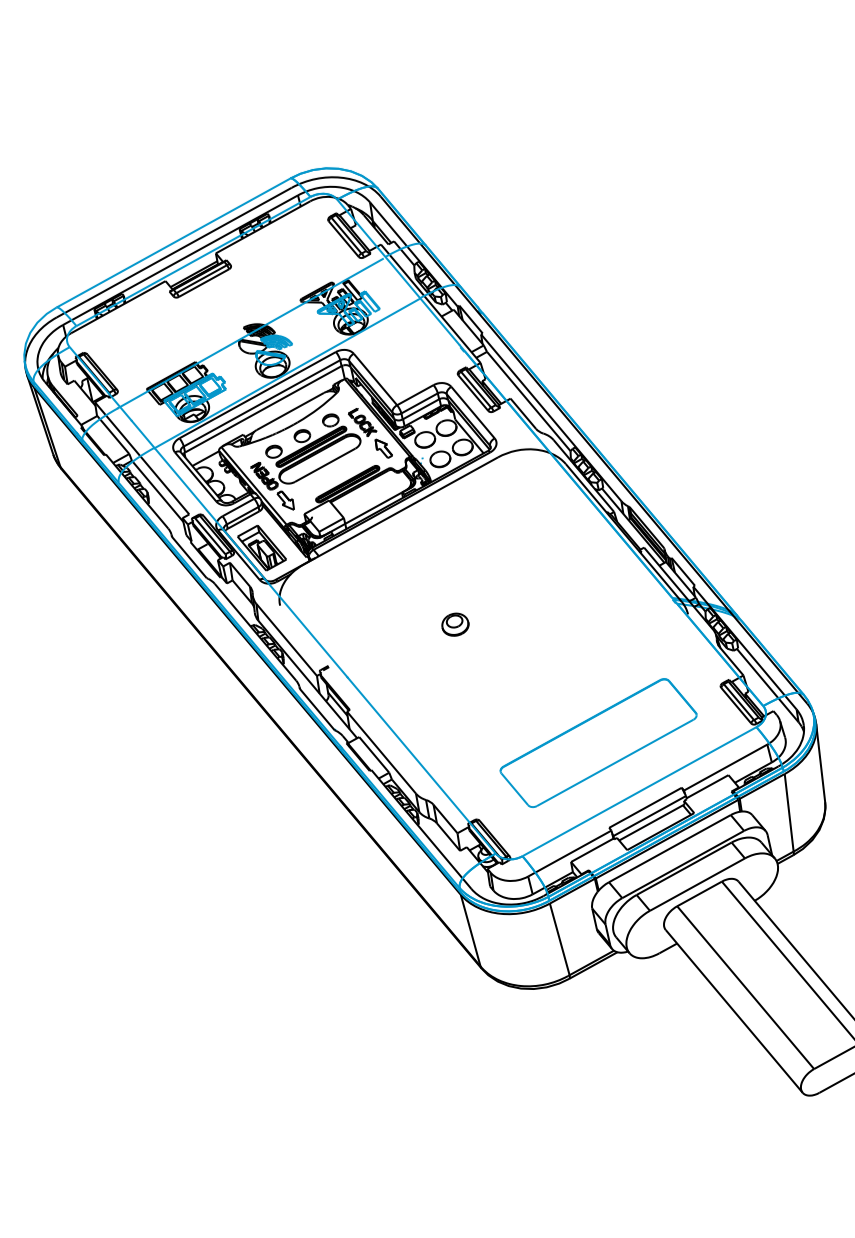
2. Switch the device **ON** by toggling the power switch.



3. Reattach the cover by aligning it properly with the housing.

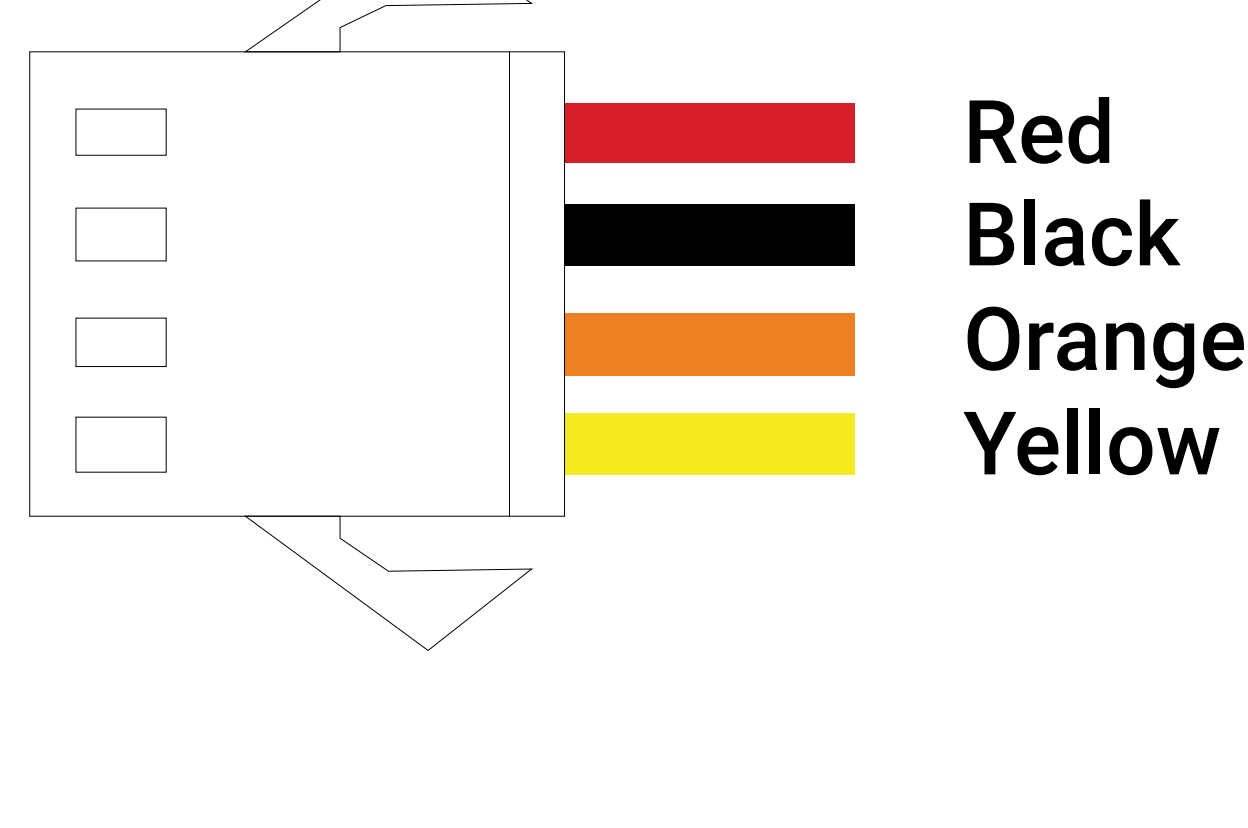


4. Press firmly around the edges to ensure all 10 clips snap securely into place.



Common Connection Modes

V+	Red	Connect positive (9-90V)
V-	Black	Connect negative
ACC	Orange	Connect ACC wire
RELAY	Yellow	Cut off fuel and power



Power/ACC/Immobilization (petrol/electricity) control line (4 pin)

The FCT-NX uses a 4-pin harness for power and control features. Always use the manufacturer-specified original power cord.

1. Red Line (Power Input +)

Connect this line to the positive (+) power source of the vehicle battery.

2. Black Line (Ground -)

Connect this line to the negative (-) terminal or a secure ground wire point on the chassis.

3. ACC Line (Ignition Detection)

Connect this line to the vehicle's ACC switch (Ignition).

4. Yellow Line (Immobilization)

Connect this line to the relay control pin (the yellow line of the relay socket) to enable remote fuel or electricity cut-off. The usage of this wire is optional for using immobilization.

Installation Caution:

The Red (Positive) line must not be connected directly to the Black (Negative/Ground) line. This will cause a short circuit.

LED Indicators

Power Status (Red)

On for 0.3s, off for 0.3s	Low power
On for 1s, off for 3s	Fully charged
On for 0.1s, off for 3s	Operating normally
Solid on	Charging (takes priority over low-power indication)
Off	Battery depleted or internal fault

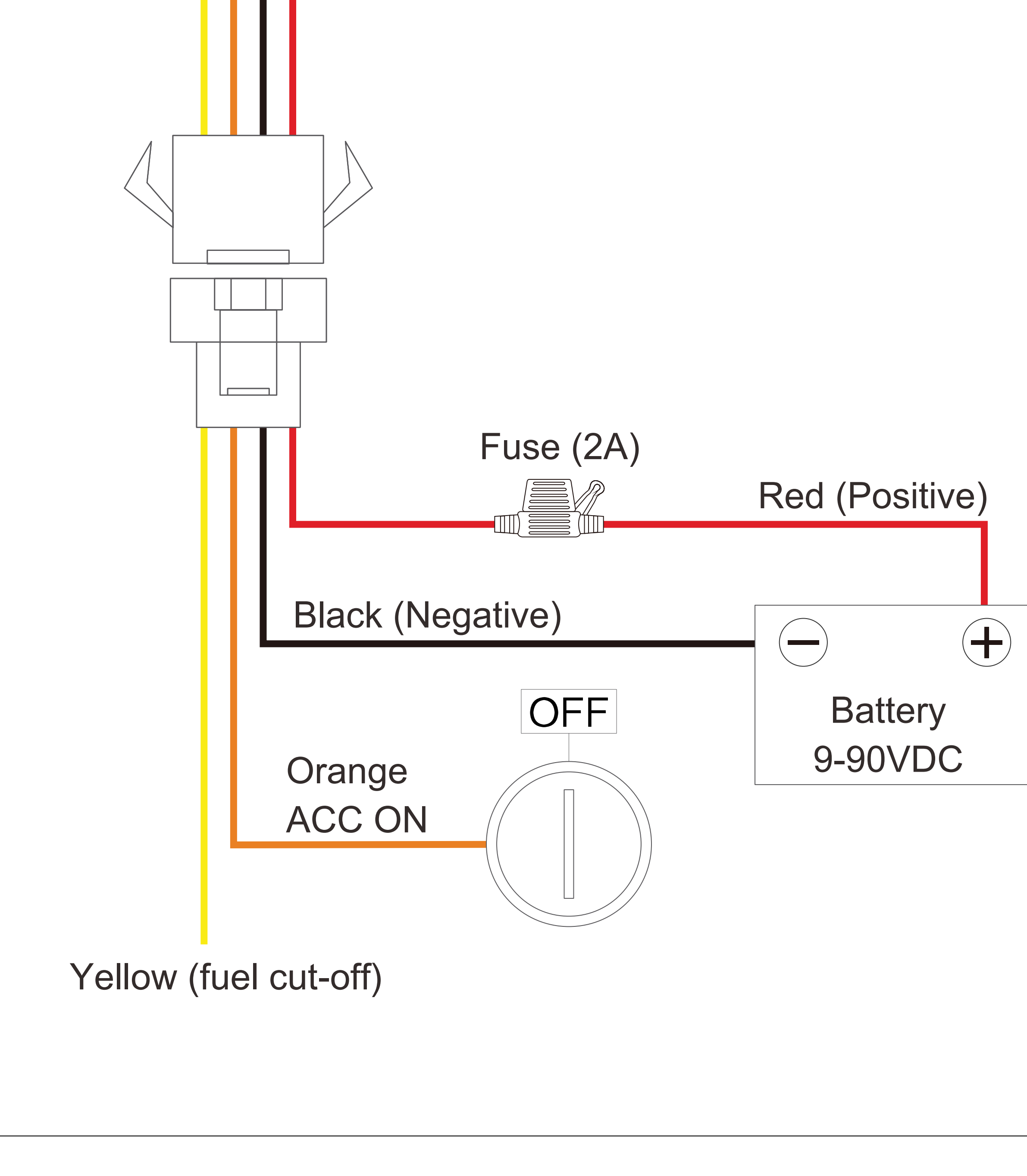
GNSS Status (Blue)

On for 0.3s, off for 0.3s	Searching for GNSS signal
Solid on	GNSS fix acquired
Off	GNSS module is in sleep mode or not functioning

Cellular Status (Green)

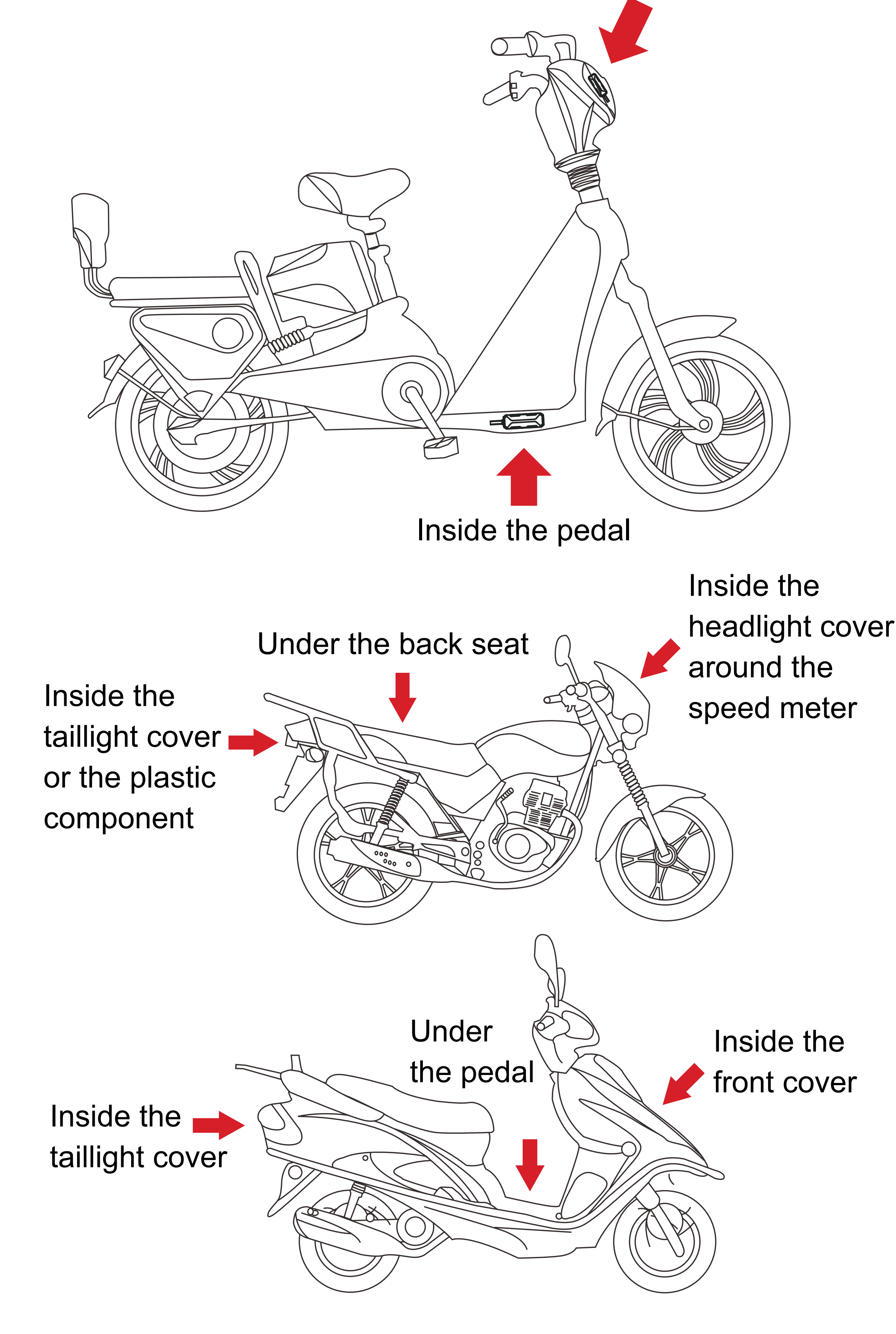
On for 0.3s, off for 0.3s	Initializing network
On for 1s, off for 3s	Receiving cellular signal normally
On for 0.1s, off for 3s	Network connected
Solid on	Call in progress
Off	No signal received

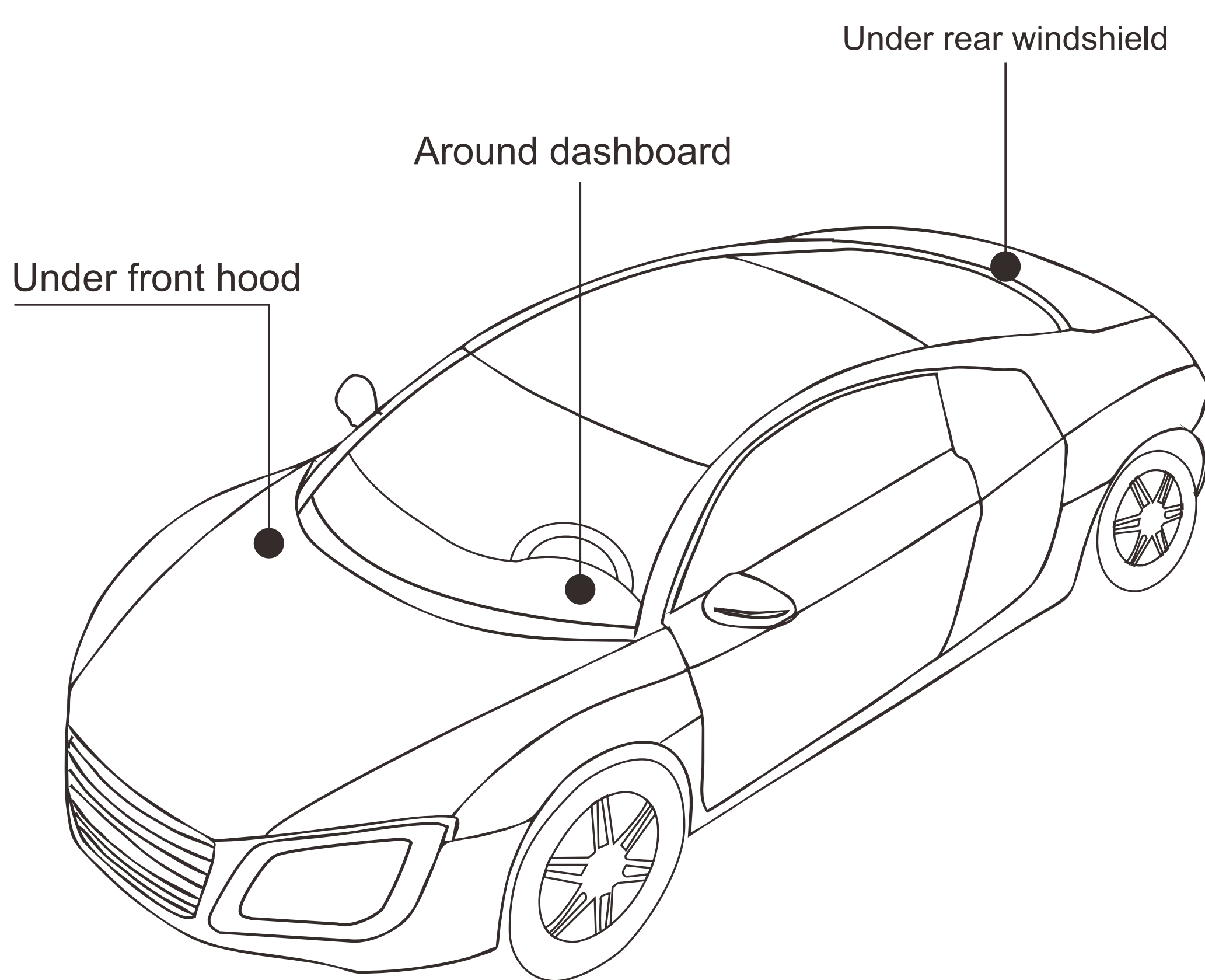
Wiring Diagram



Installation Recommendation

Installation should be performed by qualified professionals to ensure proper operation.





Installation Notes

1. Install the device with the top side facing upward toward the sky to ensure optimal GPS signal reception.
2. Avoid installing the device beneath areas with metal-coated or heated windshields, as thermal or metallic layers can interfere with GPS and cellular signal strength.

Troubleshooting

Type	Use
Unable to Connect to the Tracking Platform	Ensure the Power Switch is in ON position.
Tracker Shows Offline in the App	Ensure the device is still receiving external power. Confirm that the vehicle is not in an area with poor cellular coverage. Ensure the device is activated on the App and has a valid subscription.
Unable to Locate (No GPS Fix)	Install the device with the top side facing upward and not covered by metal or other shielding materials. Make sure the vehicle is not in a location with no satellite visibility (e.g., underground parking, tunnels, or areas surrounded by tall buildings).
Location Drift	Poor GNSS conditions, such as dense urban areas, basements, or locations surrounded by tall buildings can cause GPS drifting. Check if excessive vibration or movement around the device is triggering inaccurate acceleration readings.

TRAMIGO



TramigoCloud is recommended for tracking bigger fleets

Contact us for more information

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