

JM-C21 GPS Tracker

(User Manual)



Email: Support@Incoon.com

Website: www.Incoon.com

Tracking Platform: [Lncoon App](#)



@Lncoon



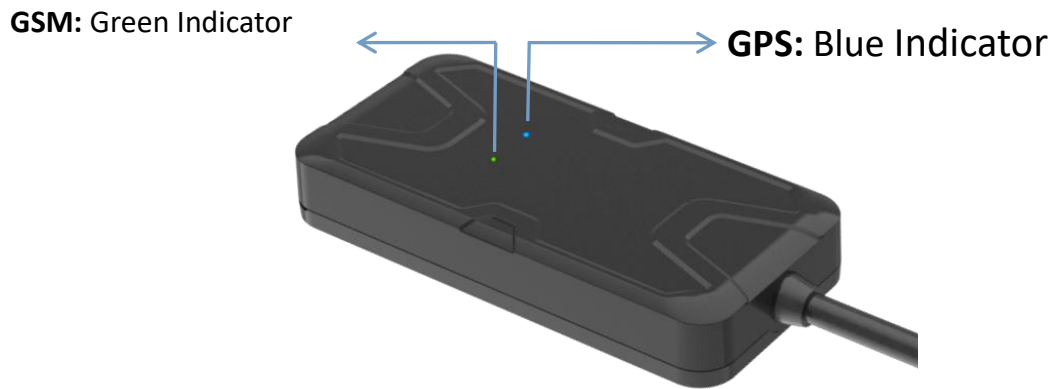
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+86 13423860204

Part I - Product Introduction

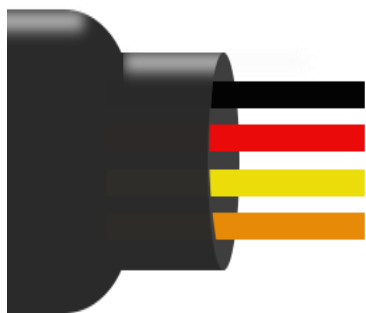
1.1 Product Overview



1.2 Product Schematic

No.	Name	Quantity	Unit	Remark
1	Device	1	piece	
2	Power Cable	1	piece	1M length
3	Relay	1	set	
4	User Manual	1	piece	

1.3 Interface Definition



V+	Red	Anode (9-90V)
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V-	Black	Negative
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ACC	Orange	ACC Detection
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Relay	Yellow	Oil & Power Cut
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1.4 Indicator Definition

(1) GPS Signal Status

Status	Meaning
Quick Blinking (on 0.3s, off 0.3s)	Searching GPS signal
Solid on	Get GPS Location
Off	Sleep Mode or Not Working

(2) GSM Signal Status

Status	Meaning
Quick Blinking (on 0.3s, off 0.3s)	GSM Initializing
Slow Blinking (on 0.3s, off 2s)	GSM Signal Receiving Normally
Solid on	GSM call/GPRS is active
Off	No signal received

(3) External Power Status

Status	Meaning
Blue&Green Light Solid on 3s	Connected to External Power

Part II - Specification & Features

2.1 Product Specification

Item	Specifications
Tracking	GPS+BDS+LBS
Voltage	9-90V DC
Accuracy	<10m (just for reference)
Battery	60mAh/3.7V lithium polymer battery
Current	≤5mA (Battery powered)
Temperature	-20°C to +70°C
Dimension	71.9 (L) *30.2 (W) * 12.9 (H) mm

2.2 Product Features

Functions	Triggering Conditions
Power Off Alert	Triggered by the Illegal wire cutting
Fall off Alert	Triggered by the attitude of the equipment changes after the terminal is installed to recognize the vehicle attitude
Remove Alert	when the device is removed
Low Battery Alert	Triggered an alarm when the voltage of external power or its own built-in battery current is low
Geo Fence Alert	Triggered an alarm when the terminal enters and exits the designated area
Overspeed Alert	When the vehicle's speed is greater than the speed threshold within the set time

Part III - Product Installation

3.1 Device Installation

(1) Check Device

Confirm whether the appearance of the equipment is good and whether the relevant accessories are complete.

3.2 Wiring Diagram

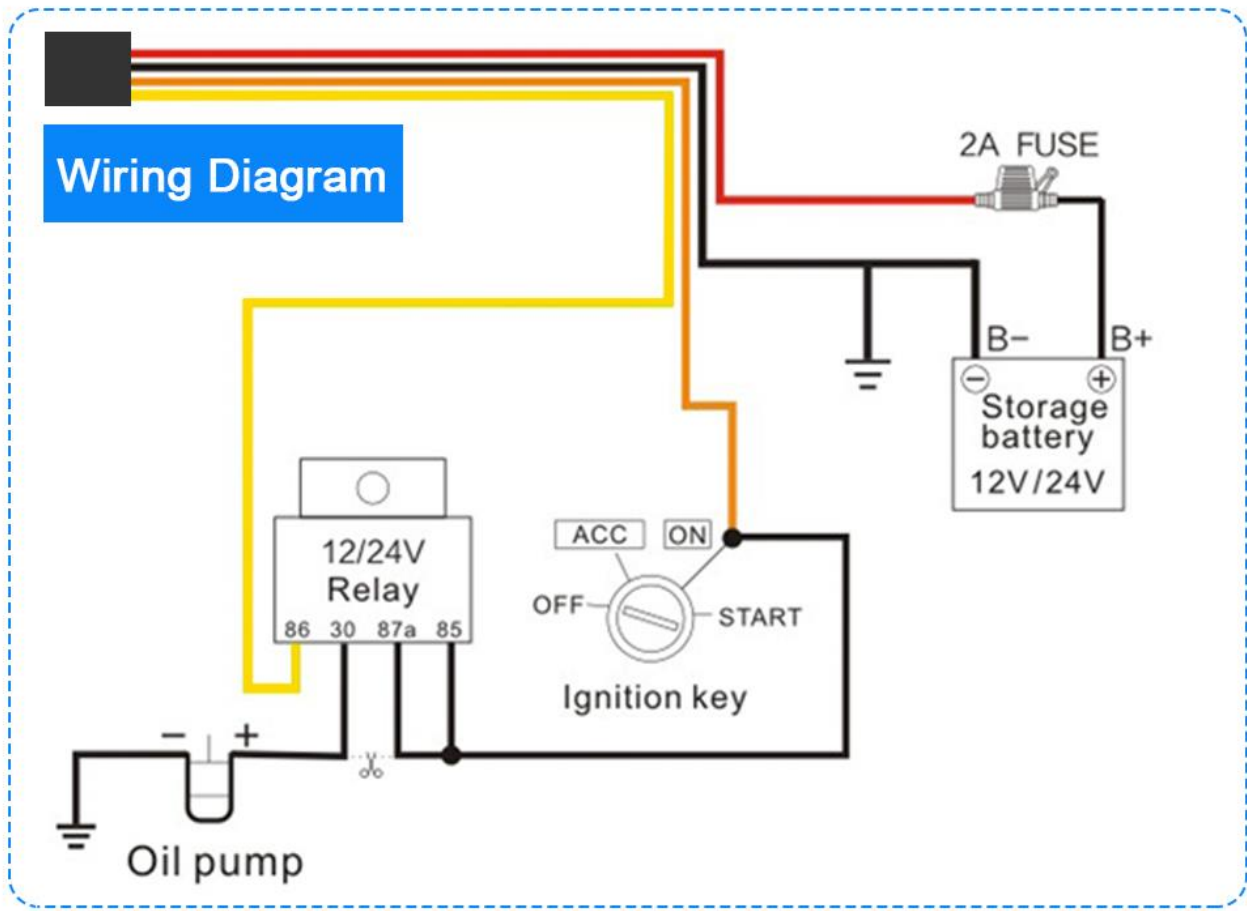
(1) Use a multimeter to find the battery positive and negative power leads

(2) Use a multimeter to find the ACC line, the judgment method:

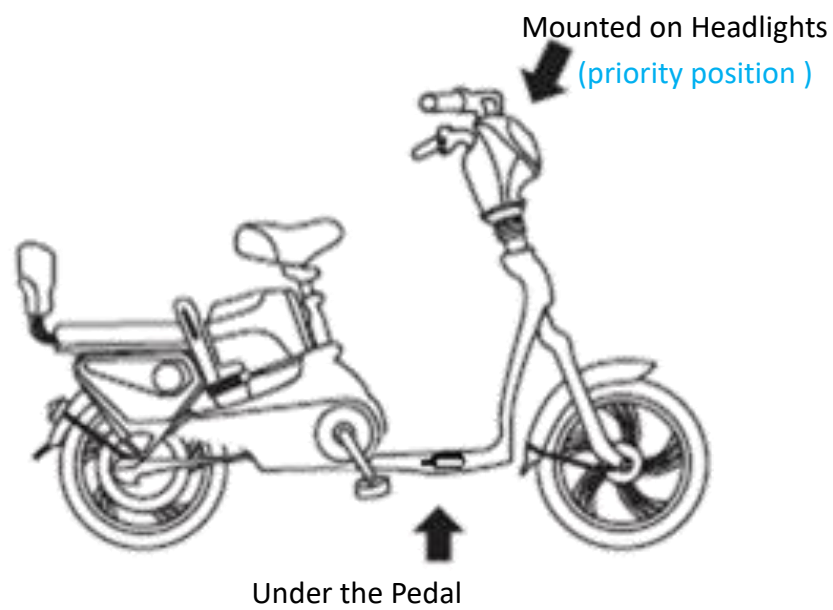
The red pen of the multimeter is connected to the ACC line, and the black pen is connected to the negative electrode. When the motorcycle key is in the OFF state, the voltage is 0V. When the motorcycle key is turned ON, the multimeter displays Motorcycle power supply voltage;

(2) The terminal is equipped with the red wire (positive pole) of the power cord and the positive pole of the motorcycle battery;

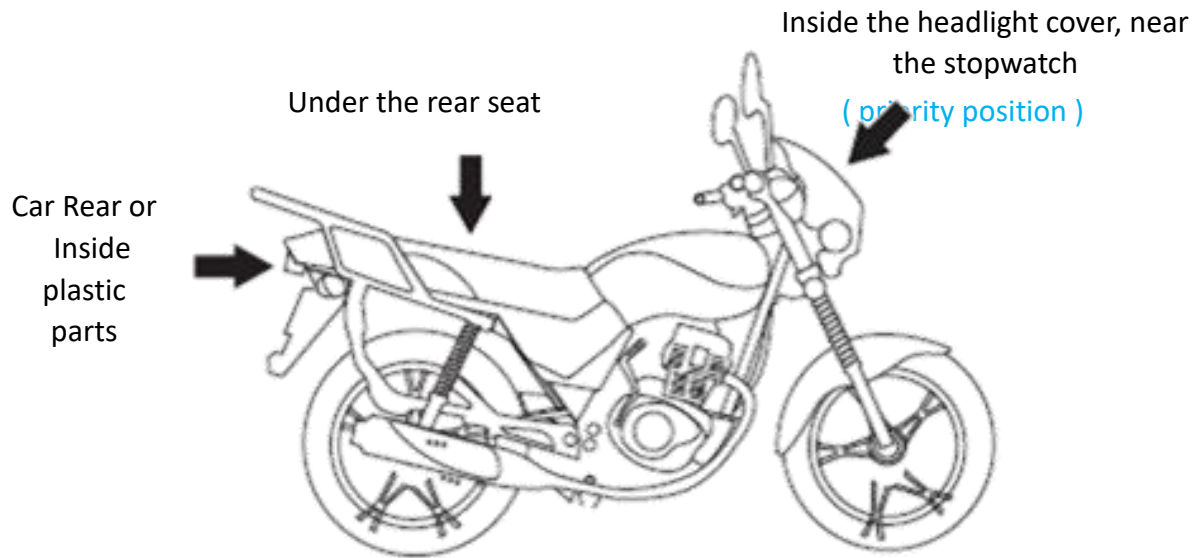
(4) Insert the connector as shown above.



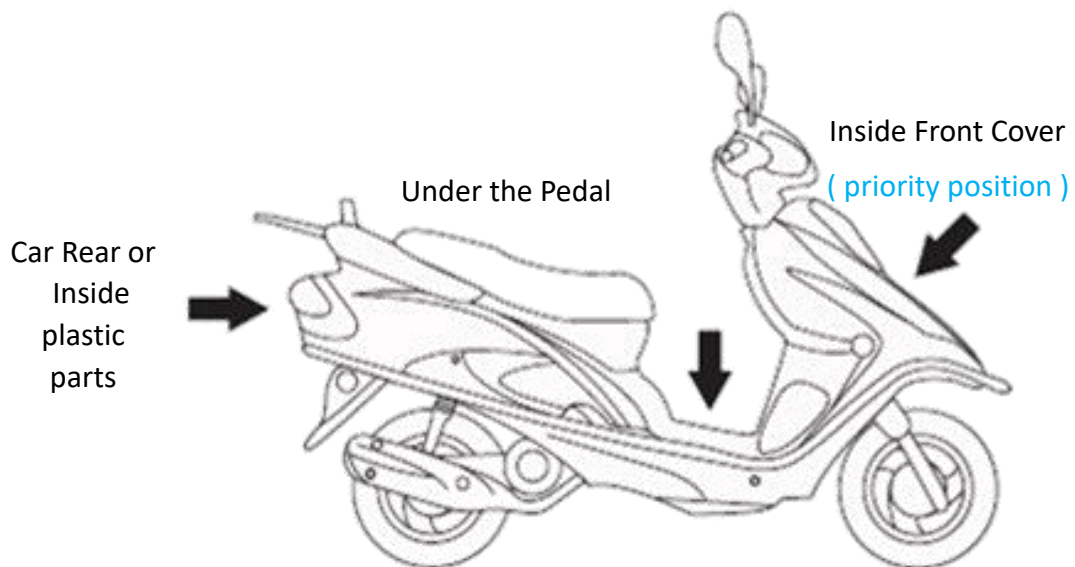
3.3 Electric Vehicle Installation Position



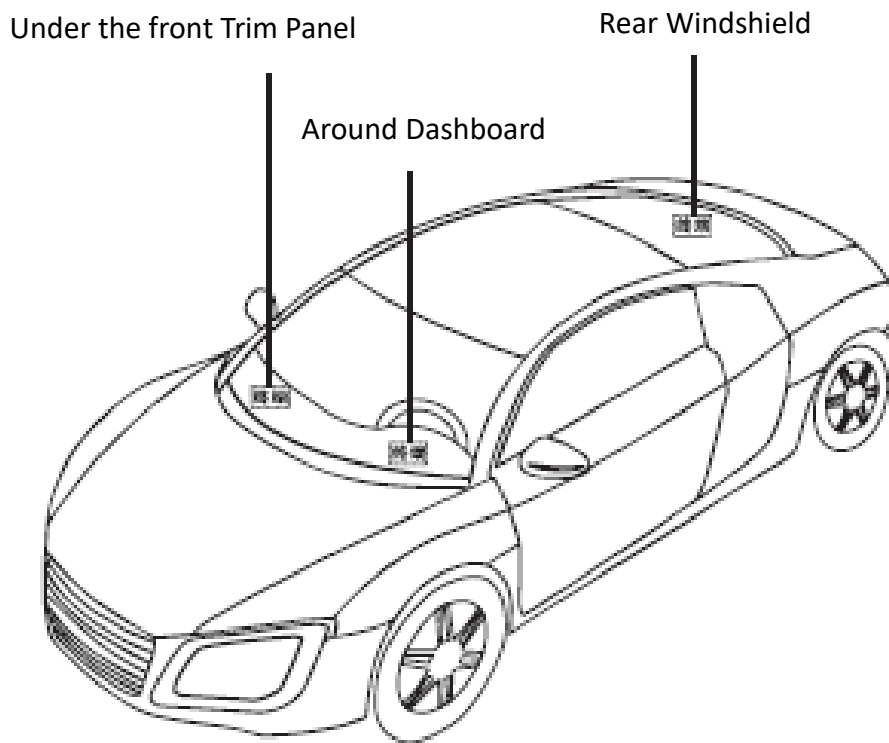
3.4 Motorcycle Installation Position



Note: the satellites signal will greatly degrade if be installed under the driver



3.5 Car Installation Position



Note: The device should be installed face up to the sky. If the windshield is pasted with a metal thermal insulation layer or a heating layer, it will reduce the signal strength of the satellite, which may make it difficult to locate the satellite. Please change the installation location.

Part V - Platform Operation

5.1 Register & Login into Platform

Login Lncoon platform(us.lncoon.com) with your account and password and check whether the location is correct on it. If not, please take your device to OPEN SKY for better signal intensity.



Real-time Tracking



GEO Fence



Track Playback



Overspeed Alert



Navigation



3D Street View

5.1 Bundle Device with Platform



Attention: If the activation is not successful, please check if you have successfully subscribed to the plan, or check if the power switch is turned on.

Part VI - Troubleshooting

Problem	Solution
Unable to add device	Check your IMEI number
	Check your account region
The device is offline on the platform	Check the external power cable.
	Check your subscription status
	Try find better cellular signals
Unable to Locate	Go to open sky area and try again
	Try find better cellular signals
Location Drifts	Check that the cables are well connected
	Go to the open area and try again
Not responding to commands	Check command format
	Check if the device is online
	Check if parameters are within limits
