

# Installation manual FleetGO RTM4000

## Package content

- RTM4000 GPS/GPRS device
- Connection cables (2x6 socket)



## Pinout GPS Device:

Frontside 2x6 unit contact



## LED indicators:

### Navigate LED

Status	Meaning
Constantly on	No GPS Signal (no fix)
Blink every second	Active GPS Signal
Off	GPS is off because: Device is in sleep mode GPS- module is defect

### Status LED

Status	Meaning
Blink every second	Normal mode
Blink every two seconds	Sleep mode
Quick blinking for a short period	Modem activity (sending data)
Permanent Blink	Device is starting up
OFF	Device is not working

## To note before installation

- ID-number of the device (S/N number)
- Vehicle registration (or the last 4 digits of the chassis number.)
- Brand + type of the vehicle
- Current mileage of the vehicle

## General installation description

### Wiring

- First install the wiring before connecting GPS device.
- Attach the wiring on the existing car wiring or on to other not-moving body parts. Avoid any heating parts.
- The wiring should not be visible and must installed out of sight.
- Do not connect the wiring of this device to another devices or ECU board computers!
- **Make sure the device is fused with a 3A fuse!**

### Power supply

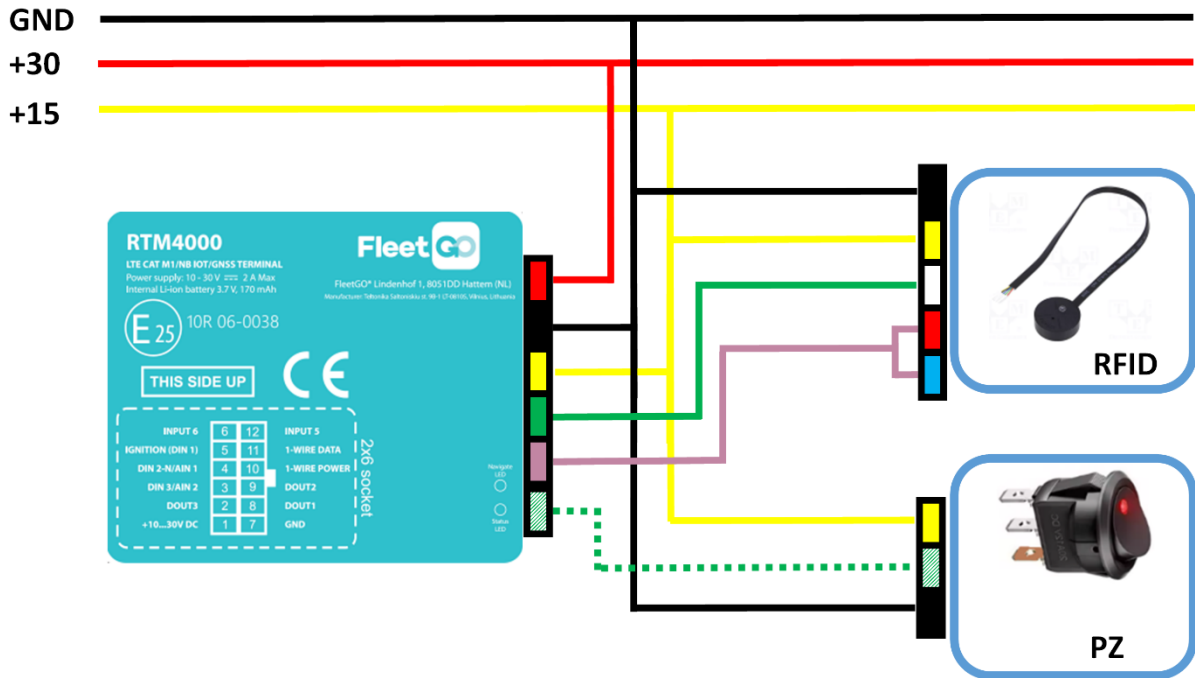
- The permanent power (+30) may not drop down under any circumstances. Check this also when starting the vehicle or when the vehicle's ECU goes in to sleep mode. Depending of the brand and type of the vehicle, the sleep mode interval vary between 5 and 120 minutes.
- When the device is connected, the voltages needs to be measured again to check if it is not reduced.
- It's recommend to make a connection with the strongest power cable on the fuse box.
- Check the D1 (+15) connection, it may not drop down while starting (don't use accessory connections).
- Check if the power is still on when you switch off one of the vehicle devices!

### Ground

- The ground must be connected to the chassis, ore metal parts connected to the chassis.
- For a good connection make sure that the metal chassis is blank.

See the wiring diagram for more information about the best way to connect the device .

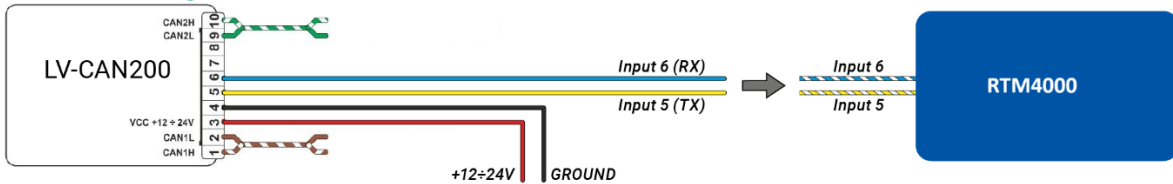
Wiring diagram connection incl. optional RFID with built-in buzzer and/or Private switch:



**Description:**

The RFID reader has a +15, ground, DOUT-2, and a 1-wire connection. The buzzer and indicator LED are internally connected to the +15 (post-contact) and DOUT-D2. When the vehicle's ignition is turned on, the buzzer and LED will turn on. After the presented ID key is read, they will turn off.

**Installation diagram for LVCan:**

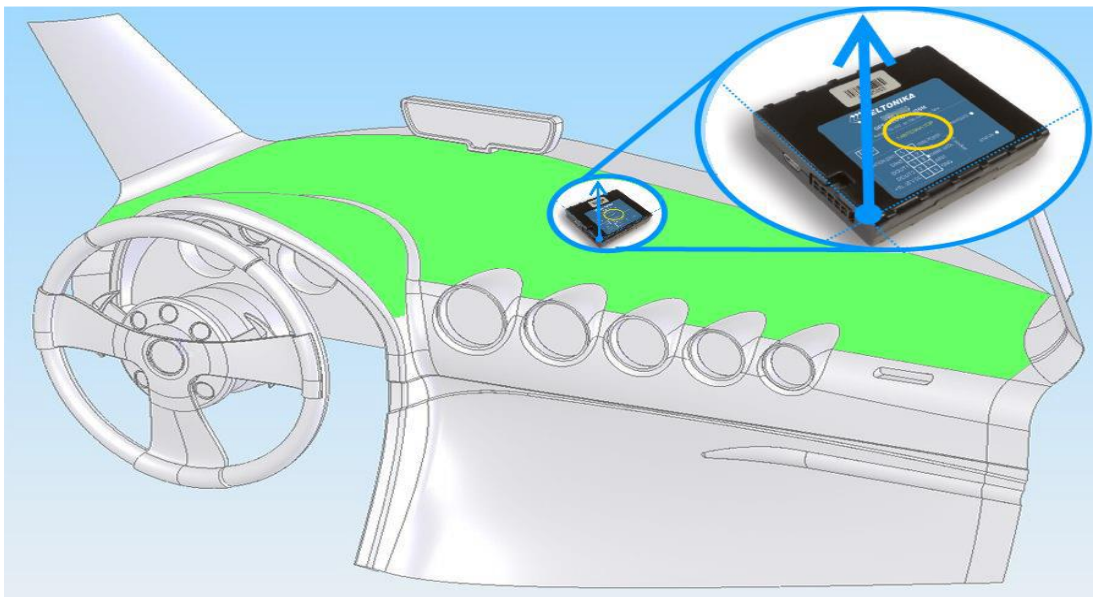


Please check the Teltonika CAN scheme where you can also find the program number.

## Placement of the device

**Attention: related to the internal sensors of the RTM4000 device, it must be mounted like described below. In order to get properly functional sensors:**

- The RTM4000 device must be placed with the sticker facing upwards (see picture below).
- It is not allowed to place the RTM4000 device under a metal chassis or parts.
- It is recommended to place the device as far as possible from; radios, speakers and alarm systems.
- Do not mount the device near heat generating and moving parts.
- The device needs to be placed in a horizontal position (maximum angle 30 degrees).
- Make sure that the device is not easily to reach (destroy, unjustly detach).
- Tighten the device properly to a construction.
- It is recommended to place the device under the dashboard, as close as possible to the windscreen, like shown in picture below.



## Connection to the FleetGO platform

### Partner installation account

Use the manual provided by FleetGO to test the unit and commission the installation to the provided workorder.

However, The Support team can always be reached if there are questions

+44 (0)3333 000 321 – option Support in the menu

Email: [support@fleetgo.com](mailto:support@fleetgo.com)

Working hours: 08:00-16:30

**No installation account**

Please contact FleetGO Support to arrange for the device testing and linking to the portal. It is important to do this whilst you are still with the vehicle, so the ignition can be turned on/off when needed. They would appreciate if you could provide all vehicle and device as outlined on the first page.

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