Installation manual for the PetSoft S3 GPS tracker, version 350

(short version v. 1.01)

Tracker: S3 v.350 | Kit: CAN E



Basic recommendations:

- GPS tracker power supply connected "before the ignition"
- No **metal elements** above the GPS tracker
- GPS tracker positioned with the label **"THIS SIDE UP"** facing upwards (open sky) **(important)**
- Protect from moisture – the casing is not waterproof.
- Do not attach the GPS tracker to metal bodywork elements of the vehicle.

Description of cable colours and functions:

1. Red – tracker power supply before the ignition (+) (from +9V= to +24V=) (VIN)
2. Black – ground (-) (GND)
3. **Violet – permanent positive after ignition (+ after ignition) (IGN SENS)**
4. CAN H – Orange-green (CANH)
5. CAN L – Orange-brown (CANL)

Installation of the GPS tracker in the vehicle – cable connection

To correctly install the PetSoft S3 tracker in the vehicle, you should:

- Place the tracker in a dry location in the car (preferably in the dashboard) with the label **"THIS SIDE UP"** facing upwards
- Connect [ground] [power supply "before the ignition"] [positive "after ignition"] [CAN H/L]

Description of the meaning of LEDs on the casing

A correctly installed GPS tracker indicates its operation with LEDs as follows:

1. PWR LED – Power – steady light
2. CEL LED – Mobile network for data transmission – flashes every 1s.
3. GNSS LED – GPS satellite visibility – steady light
4. CAN LED – Communication with the vehicle's CAN bus – flashes every 1s.

Start-up

To start the device, connect the power supply to the indicated wires. Then log in to your Monitoring-GPS.net account and check the vehicle's visibility on the map.

Synchronisation with the vehicle's CAN bus

To synchronise, perform the following steps:

1. Correctly connect the CAN H/L cables
2. Connect the power supply
3. Start the vehicle
4. Go to https://www.monitoring-gps.net/
5. From the menu, select Help > GPS Installation
6. Enter the serial number of the tracker
7. Click “Show data” (“Pokaż dane”)
8. A “CAN synchronisation” (“Synchronizacja CAN”) button will appear
9. Click this button and wait 60 seconds.
10. Click the “Show data” (“Pokaż dane”) button again
11. If synchronisation is successful, data will appear in the “Last CAN frame” (“Ostatnia ramka CAN”) box, and below, the fuel level, odometer reading, and engine RPM will be displayed. If these data correspond to the actual state, this means the synchronisation process with the vehicle's CAN bus has been completed correctly.

Recommended locations for installing the GPS tracker

