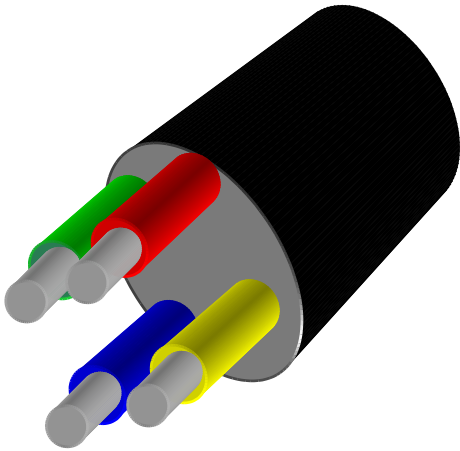


# FLEET Series 0201 to 0299 Installation Manual



- 1. 8-24V DV**
- 2. Ground**
- 3. Ignition (8-24VDC)**
- 4.iButton**

- **DO NOT OPEN THE SAT-SLEUTH CASE UNDER ANY CIRCUMSTANCES**

There is no need under any circumstances to open the GPS unit. If QA stickers are broken, all warranties will be voided.

- **USE THE CORRECT COLOUR COMBINATION**

In order to install the GPS unit correctly, instructions must be followed carefully in order to know the right combination of all connectors. Under any circumstances do not connect the wrong wires, for example do not connect ignition wire to accessories. In order to keep all instructions universal for easy replacements at a later date, please use the good quality connectors throughout your installations of your units. (be sure to make notes on the type of connectors and procedures used during installation)

- **MOUNT IN A COOL DRY PLACE OUT OF DIRECT SUNLIGHT, PREFERABLY BELOW 35C**

The Sat-Sleuth has been designed and manufactured to have an operating temperature of 0- 50C, however the internal Lithium Ion battery will not commence charging unless the temperature is below the optimal level of 35C. It is very important that the GPS unit should be mounted well away from the engine heart or the vehicle's heaters and kept away from direct sunlight. It is highly recommended by Eye In The Sky specialists that the GPS unit should not make direct contact with the metal roof or any other metal surface that has direct sunlight, as heat will cause the Sat-Sleuth to become inactive. The Sat-Sleuth has a temperature monitor inbuilt into the unit, when the Sat-Sleuth does overheat and email alert will be sent to the administrator when the temperature rises above 50C. You will be contacted to relocate the unit if required.

For a trouble free installation of the unit, we recommend the GPS unit be installed under a seat, (under the floor covering, so not noticeable). The GPS and GPRS antennas can be placed in the other suitable locations to suit.

- **MAKE SURE GPS ANTENNA HAS A GOOD VIEW OF THE SKY**

The Sat-Sleuth is fitted with a super sensitive GPS module but for reliable operation, the GPS antenna should have at least a 60-degree view of the sky. The GPS antenna will work through glass and plastics **but not metals**. Also, care must be taken to ensure the antenna cable does not get crimped between doors etc as this type of damage will not be covered under the warranty.

- **MAKE SURE GPRS ANTENNA HAS A GOOD VIEW OF THE SKY**

The location of the GPRS antenna is not as critical as the GPS antenna, however for optimum operation mount the unit far away from the metal surface as possible. As stated before, be aware that Eye In The Sky will not cover damage such as getting the antenna caught and damaged between car doors, etc. This damage will not be covered by warranty.

The antenna is highly recommended to be placed in the dash with the antenna facing towards the sky, so all readings will be accurate and precise.

- **DO NOT CONNECT IButton WIRE TO DC VOLTAGE**

If you are connecting the optional iButton, please use the supplied iButton socket with a maximum cable length of 10 meters between the socket and the Sat-Sleuth connector. The center pin of the socket connects to the iButton wire on the Sat-Sleuth connector. The outer wire needs to be connected to the ground as close as possible to the Sat-Sleuth connector. The iButton must not be connected to any DC voltage, permanent damage can be done to the Sat-Sleuth that will not be covered under warranty.

It is recommended that antenna be placed inside the dash board with the antenna facing directly to the sky, so all readings will be accurate and precise.

- **START THE VEHICLE CHECK LED STATUS ONCE INSTALATION COMPLETE**

Once the installation is complete, it is advisable to start the vehicle for a few seconds to ensure that the Sat-Sleuth is awake, as it may have entered it low power sleep mode during the installation. Once it is awake, the LED should be flashing as per the descriptions below,



**The red LED** indicates the GPS status. While the GPS signal is invalid the LED will flash red once per second but once a valid GPS position has been acquired the LED will flash red 3 times per second. The GPS should acquire a valid position within 5 minutes the first time it is powered up assuming that the GPS antenna has been mounted in an adequate location with a minimum of 60% view of the sky



**The Green LED** indicates the GPRS status. Once a connection has been made with the GPRS server, the green LED will be illuminated whenever the red LED goes out. In other words, the LED should be green and flashing red 3 times per second indicating that the Sat-Sleuth has connected to the GPRS server and has a valid GPS position.