

Installation of the Discovery Lite

1.1 To install the Discovery device in a vehicle, follow these steps:

- **Choose a convenient location in the vehicle. The most common place to mount the device is under the dash or in the interior of the vehicle. Avoid locations that might expose the device to excessive heat or moisture.**

1.2 For temporary installation:

- **The device does not have to be permanently mounted. However, make sure that the device is securely mounted so that wires are not pulled loose.**
- **The device can be temporarily secured with tie wraps or industrial velcro.**

1.3 For permanent installation:

- **Hold the Discovery in place and mark the location for mounting screw holes.**
- **Using the markings as a guide, drill mounting holes in those positions**
- **Align the Discovery in the drilled holes and secure it with mounting screws**
- **For permanent installation see the diagram in section 3.1**

1.4 Antenna Placement:

- **The antenna can be placed under the dash or anywhere inside or outside of the vehicle. It should not be placed directly under metal.**
- **The antenna can be rolled up extended out, if desired.**
- **The round metal piece on the end of the antenna will have a magnet on the bottom (silver side). The magnet on the antenna does not have to be in contact with metal, but it is optional.**
- **The antenna can be secured by attaching the magnet to metal, using tie wraps, velcro, or silicone.**
- **The antenna can be concealed, but the top of the antenna (black side) should always face the sky.**

Connecting the Cables to the Discovery Lite

2.1 Connecting the Antenna to the Discovery

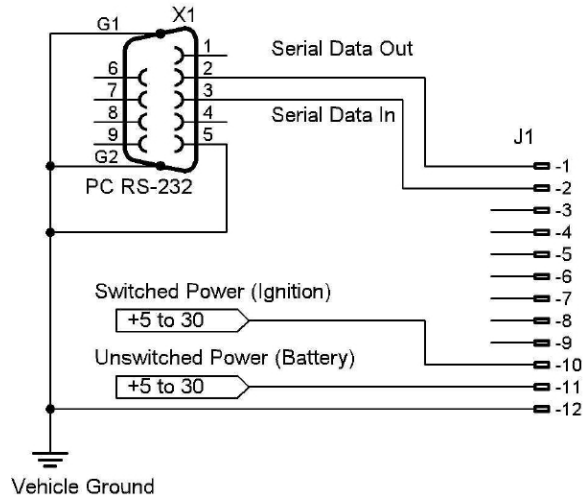
- Make sure the SIM card is inserted into the SIM card slot and the SIM card cover is pushed to the left in the closed position. When the SIM door is in the closed position, the door will be covering about half of the SIM.
- Connect the antenna cables to the device before connecting the power cable.

2.2 Connecting the Power Connection to the Discovery

- After connecting the antenna, connect the power cable to the wago connector on the GPS.
- There are four (4) wires in the power cable, which are color coded as red (positive), black (ground), and white (ignition) and green. The green wire does NOT need to be connected. To connect the wire to the wago connector, use a small object or screw driver to push down on the top of the wago connector and push the wire in at the front and release.



- Black wire (ground) connects to the far left side of the wago connector.
- Red wire (positive) connects to "VIN" on the wago connector
- White wire connects to the "IGN" on the wago connector



Connecting the Discovery Lite to a Power Source

- 2.3 First, connect the black (ground) wire to a ground connection. A ground connection can be the ground (black) battery post or cable, or a screw or bolt connected to the body of the vehicle.

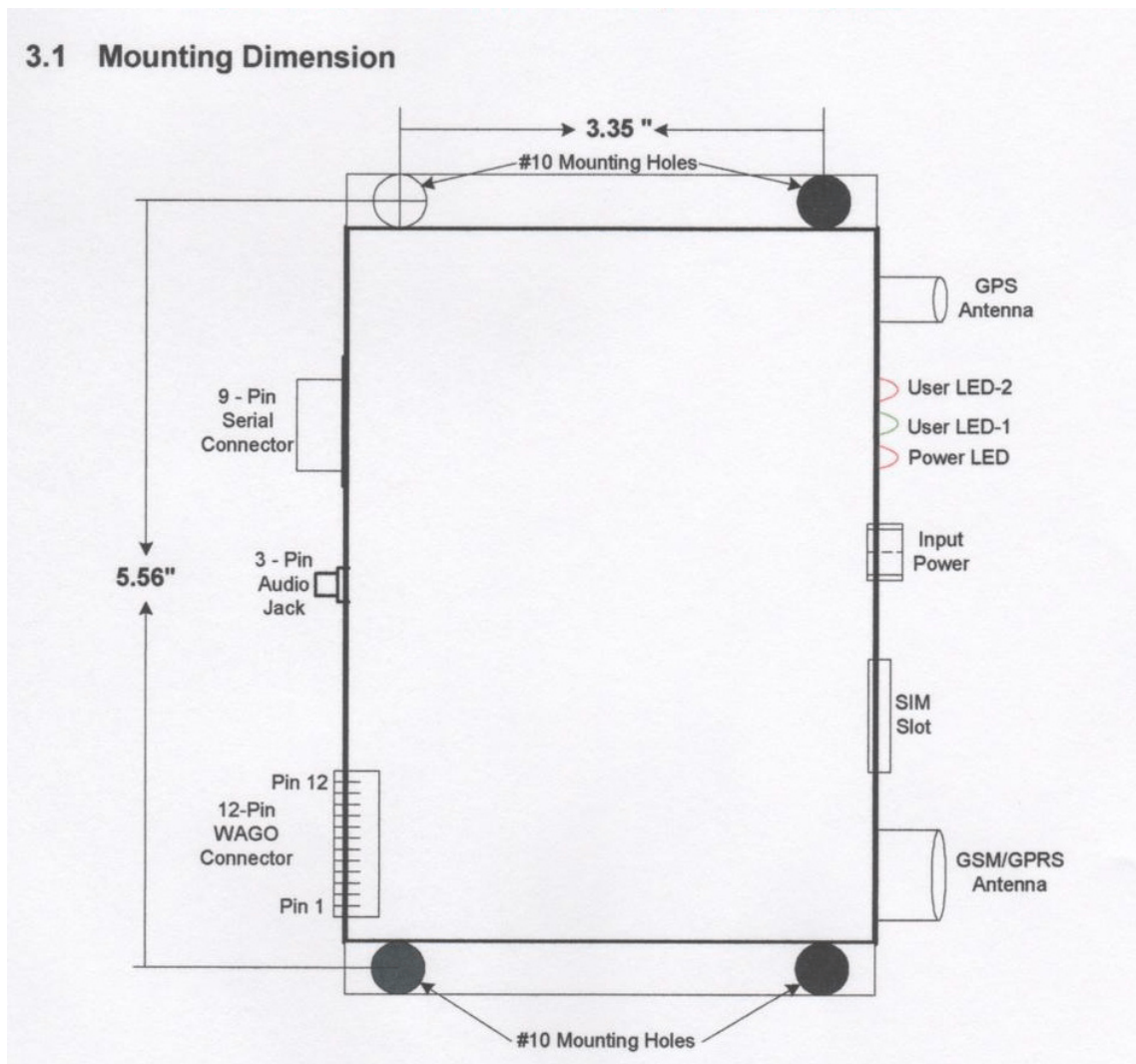
- 2.4 Second, connect the positive (red) wire to a constant power connection. A power connection can be the positive (red) battery post or cable on the vehicle battery, the fuse box, or any hot wire.

- 2.5 Third, connect the white wire to the ignition wire, ignition fuse, or any positive accessory. The white wire should not be connected to constant current. **THE WHITE WIRE MUST BE CONNECTED TO A POSITIVE WIRE THAT TURNS ON AND OFF WITH IGNITION.** For applications, such as trailers where the ignition is not an option, the white wire can be connected to the wiring harness for the trailer lights. Another alternative is to connect the white wire to a timer (commonly available from an electronics store).

Installation Diagram of the Discovery Lite

3.1 Diagram for permanent installation:

The Discovery is NOT a waterproof or sealed device. Care must be taken to ensure the device is kept away from water or any other liquids.



Precautions to take During Installation of the Discovery Lite

- 4.1 During installation, the following precautions will help insure proper operation of the Discovery:
- Remove power from the Discovery
 - Do not create loops, sharp bends or crimps in the cables
 - All cables should be attached to the vehicle and equipment in such a way to reduce stress or wear caused by vibration generated by moving vehicles.
 - Use proper terminations on all power cables.
 - **Ensure the power to the Discovery is disconnected before removing or inserting the SIM card. Failure to do so might result in damage to the GPS or SIM card.**

Rocky Mountain Tracking, Inc. is not liable for damages to the GPS that occur as a result of improper installation.

After Installation of the Discovery Lite

- 5.1 LED Lights
- After the antenna and power have been connected, the Power LED light will be solid red and the User LED-1 light will be solid green.
 - The User LED-2 light, which is the light on the far right, will not be on until the vehicle is driven.
- 5.2 Test Drive
- It is important to take a test drive after the device is connected to power so the satellite will recognize the device.
 - Drive the vehicle for about five (5) minutes. Within two (2) to five (5) minutes, the User LED-2 light will come on. At this time, all three lights will be a solid color. This means the device is live and recognized by the satellite.

For tracking instructions, refer to the “Web Site Tutorial” that was included with your unit.