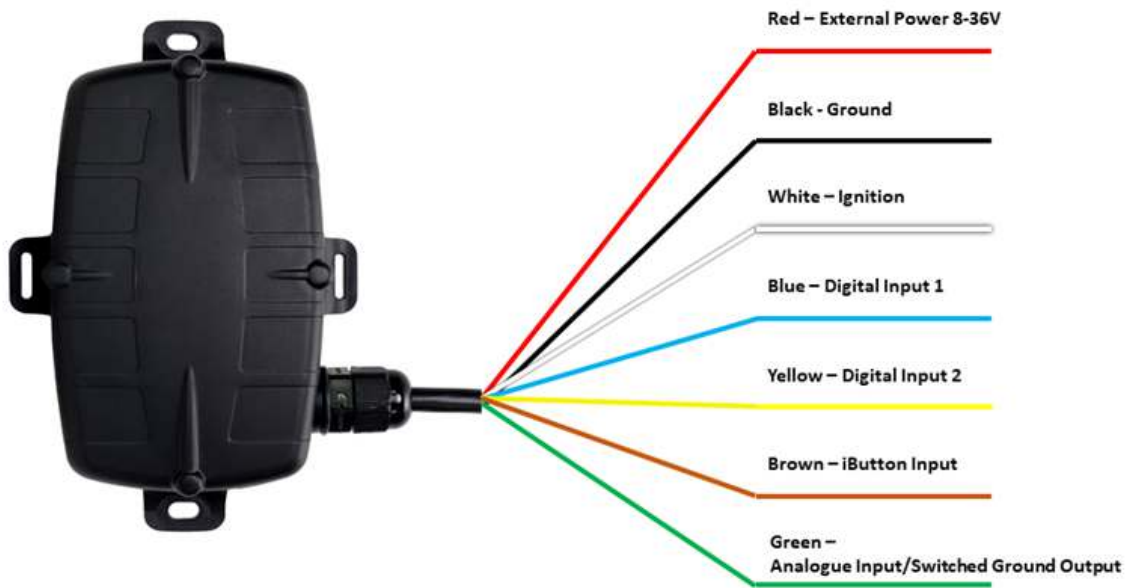## 1) Connect Power & Ignition

Connect the following wires to the vehicle:

Red (external power) to the vehicle positive - 8 to 36V (MAX).
Verify this supply is constant, even when the vehicle is switched off. Sometimes other (non-constant) signal lines can appear to be a 12 or 24V constant supply.
Black (Ground) to the chassis ground
White (Ignition) to an ignition source – something that will be on when the vehicle ignition is on, and off when the ignition is off.

Colour	Function	Notes
Red	External Power	8-36V DC Power
Black	Ground	Main Ground
White	Ignition	0-50V DC, Permanent Internal Pull Down
Blue	Digital Input 1	0-50V DC, Configurable pull down
Yellow	Digital Input 2	0-50V DC, Configurable Pull Down
Brown	iButton	iButton input (0-35V Output)
Green	Analogue Input/Switched Ground Output	Low side switch. use with a relat, LED or Buzzer. 0-30V Analogue input

2) Testing

Use the installer page (see overleaf) to verify the External Power (1) and Ignition (2) is operating correctly. The Ignition input (2) should change from off to on when you toggle the vehicle's ignition.

Test the installation:

Visit www.oemserver.com/installer and enter the serial number to test the device.

Ensure that the vehicle has GSM coverage and is outdoors with sight of the sky for testing.

Understanding Installer Test Results

The installer test website will check the device's most recent behaviour.

The important items to look for are:
- Last Communication
- Last Commit
- Last GPS Update

If your results look like "**A**" ensure the vehicle has a clear view of the sky and is in range of cellular network. Ensure the device is plugged in. **Conduct a test trip.**

If your results look like "**B**" ensure the vehicle has a clear view of the sky and is in range of cellular network. Ensure the device is plugged in. **Conduct a test trip.**

If your results look like "**C**" the device is **installed correctly.**

A
Device Serial Number
123456

Device Type
Dart

Last Communication ✖
161 days ago (07 Apr 2016 16:11:40 UTC)   **NEVER**
Last Commit ✖
161 days ago (07 Apr 2016 16:11:40 UTC)
Last GPS Update ✖   **NEVER**
Never

Battery Level ✔
3.729 V
External Power ✔
11.8 V
Digital Inputs
Ignition: Off ✖
DI 1:   Off ✖
DI 2:   Off ✖
DI 3:   Off ✖
DI 4:   Off ✖
Enabled ✔
Yes
Firmware ✔
1.4
Parameters ✔
Okay

Conduct a test trip

B
Device Serial Number
123456

Device Type
Remora

Last Communication ✖
5 hr 38 min ago (15 Sep 2016 16:42:56 UTC)
Last Commit ✖   **RECENT**
5 hr 38 min ago (15 Sep 2016 16:42:56 UTC)
Last GPS Update ✖   **RECENT**
17 hr 38 min ago (15 Sep 2016 04:42:34 UTC)

Battery Level ✔
5.954 V
External Power ✖
0 V
Digital Inputs
Ignition: Off ✖
DI 1:   On ✔
DI 2:   Off ✖
DI 3:   Off ✖
DI 4:   Off ✖
Enabled ✔
Yes
Firmware ✔
1.23
Parameters ✔
Okay

Conduct a test trip

C
Device Serial Number
123456

Device Type
Dart

Last Communication ✔
8 mins ago (15 Sep 2016 22:14:07 UTC)
Last Commit ✔   **RECENT**
8 mins ago (15 Sep 2016 22:14:07 UTC)
Last GPS Update ✖   **RECENT**
1 days 17 hr ago (14 Sep 2016 04:54:48 UTC)

Battery Level ✔
4.187 V
External Power ✔
12.26 V
Digital Inputs
Ignition: Off ✖
DI 1:   Off ✖
DI 2:   Off ✖
DI 3:   Off ✖
DI 4:   Off ✖
Enabled ✔
Yes
Firmware ✔
1.4
Parameters ✔
Okay
Connector ✔
Okay

INSTALLATION SUCCESSFUL

Logging into Livetrax Online Tracking Software

You will receive an email inviting you to become a user on Telematics.Guru, click the link and complete the form that launches to complete your user registration.

At any time you can use any internet browser and type the following link into the address bar (not the search bar):

livetrax.telematics.guru

Enjoy your tracking!

SUPPORT ASSISTANCE NZ: 0800 477564 / 0800 GPSLOG