

# Bigmate LMU2620 Installation Manual

## Version Control:

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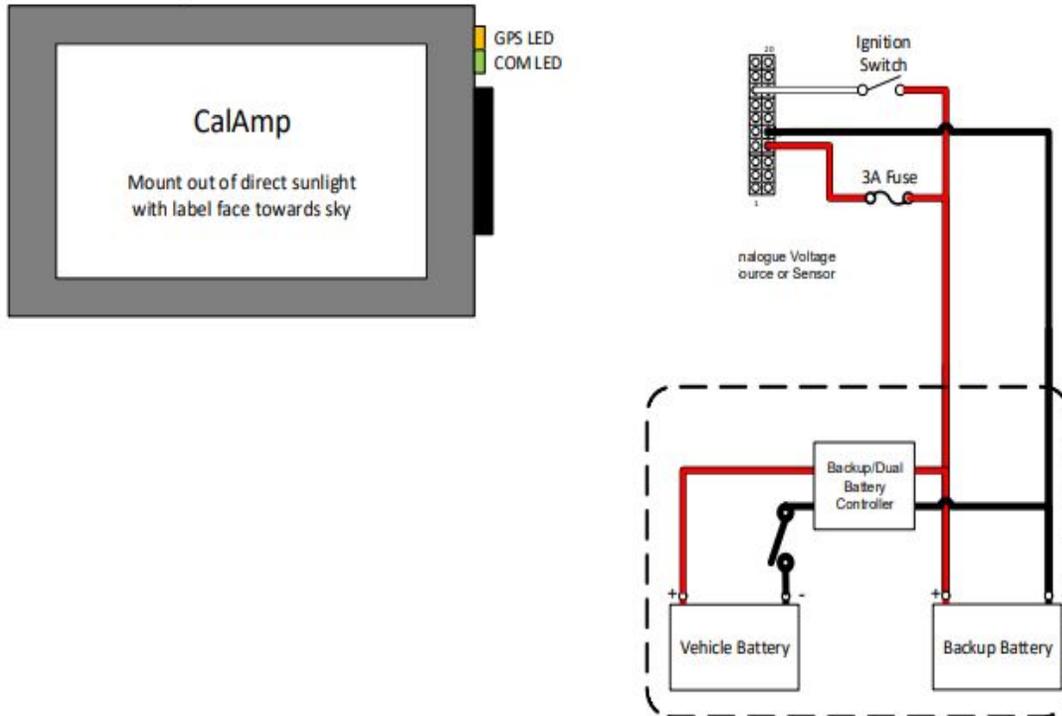
## 1. Installation Instructions

- 1.1. Record IMEI on Data Record Sheet for Bigmate AWS activation.
- 1.2. Mount the LMU2620 in a clean dry position out of direct sunlight.
- 1.3. The mounting location should be as clear of metal or other conductive obstructions as possible otherwise the accuracy of the GPS will be degraded and IVMS functionality could be impaired.
- 1.4. It is required to mount the device in a horizontal position with the Calamp label face towards the sky.
- 1.5. Make connections to the vehicle wiring and secure wiring harness out of sight. Cable ties and flexible conduit are recommended.
- 1.6. All unused wiring must be insulated and secured to prevent the wires touching each other or the vehicle chassis.



LMU2620 and Harness

## 2. Wiring Harness Connections



Function	Colour/s
Ground	<b>Black</b>
Main Power Input	<b>Red</b>
Ignition	White

### 2.1. Permanent Power Supply

- RED Wire – Connect the RED wire to a +24V or +12V always on supply, via a 5A fast blow fuse. Do not exceed the maximum voltage of +30V.
- BLACK Wire – Connect the BLACK wire to a suitable chassis ground point or directly to the battery negative.

### CAUTION

Do not connect the device ground directly to the vehicle battery when an isolator is fitted to the negative terminal. This will make the device chassis serve as a current path and cause large currents to flow through the device. Use a back-up battery that provides permanent power every time the isolation switch is off.

## 2.2. Ignition Sense

- WHITE Wire – Connect the WHITE IGNITION wire to a signal that has a voltage over +6.1V when the ignition is on or the engine is running. Do not exceed the maximum voltage of +32V on the IGNITION input.

### 3. Contacts and Enquiries

For any further details, please contact:

#### **Bigmate Service & Support**

Phone: **1300 477 787**

E-mail: [support@bigmate.com.au](mailto:support@bigmate.com.au)

## 4. LMU2620 Data Record Sheet

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Please complete the Data Record Sheet for records purposes and call us on 1300 477 787 during business hours to validate the installation.

This can also be submitted by our online forms at <https://support.bigmate.com.au> or sent by email to [support@bigmate.com.au](mailto:support@bigmate.com.au) at any time. Please note however, we cannot validate an installation submitted to us in this way and only recommend this method if you have completed several successful installations and are sure the device will work.

Device IMEI Number	
Vehicle Company Name	
Vehicle/Plant No	
Installation Technician	

### 4.1. Calibrations

Engine Hours	
Odometer	
Date and time readings taken	