

## LMU-3000™

### Hardware and Installation Guide



#### Installing the LMU

##### Installing the LMU in a vehicle



1. Make sure the vehicle is turned on/running when plugging in the unit. If the unit is plugged in while the vehicle is off it will need to complete the detection process on the next ignition on cycle in order to operate correctly.
2. Plug the unit into the OBD2 connector of the vehicle while it is running, and do NOT turn off the ignition.
3. Leave the unit plugged in with vehicle ignition on until the detection process has completed.

## Status LEDs

The LMU-3000™ is equipped with two Status LEDs, one for GPS and one for COMM (wireless network status). The LEDs use the following blink patterns to indicate service:

### LED #1 (Comm. LED - Orange) Definitions

Condition	LED 1
Modem Off	Off
Comm. On - Searching	Slow Blinking
Network Available	Fast Blinking
Registered but no Inbound Acknowledgement	Alternates from Solid to Fast Blink every 1s
Registered and Received Inbound Acknowledgement	Solid

### LED #2 (GPS LED - Green) Definitions

Condition	LED 2
GPS Off	Off
GPS On	Slow Blinking
GPS Time Sync	Fast Blinking
GPS Fix	Solid

### LED #3 (VBus LED - Red) Definitions

Condition	LED 3
Input-0 is high	On
Input-0 is low	Off