LMU-1230 Installation Quick Start Guide

The LMU-1230 is a full-featured, GPS product designed for collateral asset protection in automobiles. The new, smaller-sized devices are equipped with CalAmp's proprietary SkySmart technology, providing customers with any required OTA (over-the-air) updates device updates, dual processor performance and standard battery backup. The LMU-1230, when coupled with the LenderOutlook^TM collateral assurance solution, is ideal for vehicle finance, auto rental and location-based applications.

The LMU-1230 series offers three device model options. All models include battery backup and a motion detector. The battery backup provides protection against potential tampering, and the motion detector provides notification if a vehicle is towed. Additionally, the LMU-1230 series supports LenderOutlook's Mileage Manager and Location Validation Reporting.

P/N	Device Type Description	Backup Disconnect & Tow Alerts	Location Validation Analytics	On-line Renewals
LMU-1230-	CDMA, Locate Only	✓	✓	✓
LMU-1230	CDMA, Locate with Starter Disable	✓	✓	✓
LMU-1230	CDMA, Locate with Starter Disable and Payment Reminder	✓	✓	✓

LMU-1230 Wiring Harness					
Wire	Wire Gauge	Color	Signal Name	Description	Input/Output
1	22	Red	Power	Primary power to the CVF 12V Nominal	Battery Positive
2	22	Black	Ground	Vehicle or Chassis Ground	Battery Negative
3	22	White	Ignition	Ignition wire	Required for Starter Disable & Tow Alert
4	22	Green	Output 0	Output to Starter Disable Relay	Output to Starter Disable Relay
5	22	Blue	Input 1	Not Used	Not Used
6	22	Blue/White	Output 1	Output to Payment Reminder Buzzer	Output to Payment Reminder Buzzer

LMU-1230 INSTALLATION PROCESS – EASY AS 1-2-3

STEP ONE: SELECT THE INSTALLATION LOCATION

The LMU-1230 must be installed in a horizontal position, label-side up and unobstructed by metal.

For optimal performance, CalAmp recommends an in-dash installation.

- above the gauge cluster
- above the air vent
- above the glove box

STEP TWO: INSTALL THE LMU-1230 AND OPTIONAL OUTPUTS

CalAmp recommends power generation from the vehicle's ignition harness. This is required for with use with the Starter Disable relay, Payment Reminder Buzzer and Tow alert.

Note: Verify that the white wire is powered only with the key in the Engine On condition, not the ACC or radio key position.
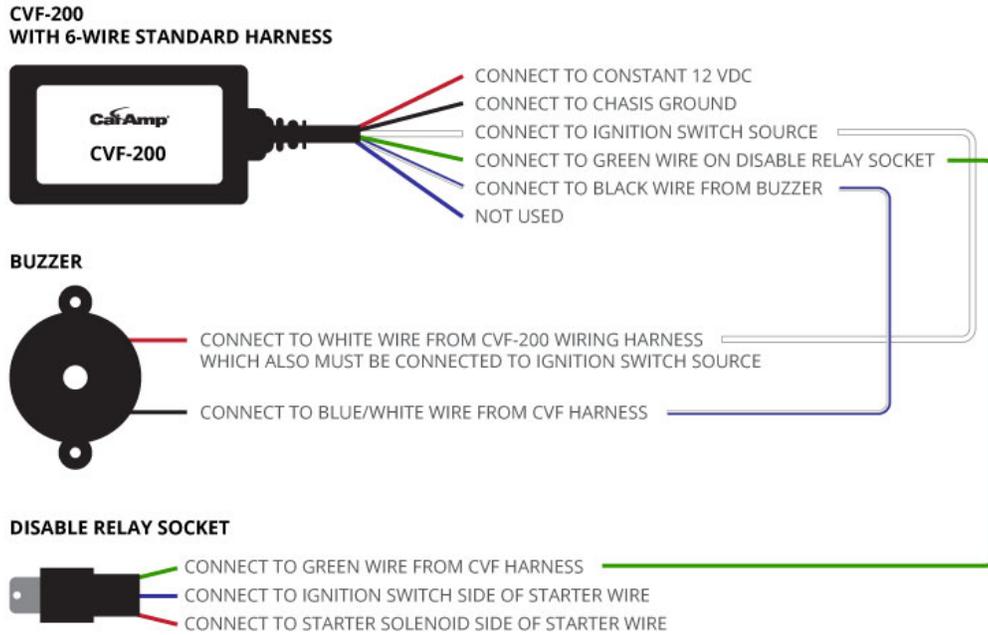
STEP THREE: ACTIVATE DEVICE AND TEST

Before testing the device's cellular and GPS signal strength, confirm that both LED lights on the device are solid and the device is installed in its final location within the vehicle. The device must acquire a GPS signal and communicate with the wireless network.

Note: Confirm with the Lender for pre-funding requirements and which functions to apply.

Two options for activating and testing devices:

- Installation Portal within the LenderOutlook application

- MobileInstall app, available as a free download from the Google Play Store.
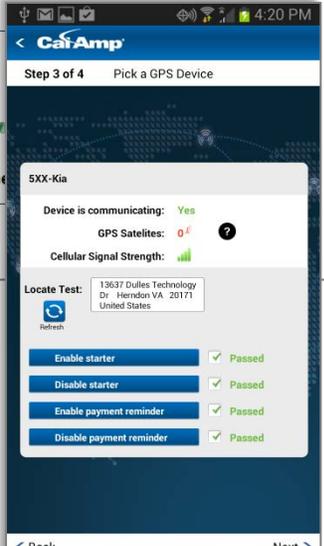
LenderOutlook Installation Portal

MobileInstall app