

**LifeSafer**  
Ignition Interlock

L250 Ignition Interlock User's Guide  
(With or without camera)

Also available in Spanish and French



**LifeSafer**  
Ignition Interlock

[www.LifeSafer.com](http://www.LifeSafer.com)

To schedule your service appointment or  
for 24-hour emergency service.

Call 855-710-2423



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# OVERVIEW

This manual contains operating instructions for the use of the LifeSafer® L250 Ignition Interlock Device (IID) with or without a camera. Not all jurisdictions require the addition of a camera. If you are not required to have a camera, please disregard any instructions on camera usage.

The purpose of an IID is to prevent vehicle start-up until the user has passed an alcohol test. The IID is not an indicator of your level of impairment or your ability to safely operate a vehicle. You must rely on your own judgment. If you have been drinking alcoholic beverages, please find an alternative form of transportation.

This handbook explains the use of the LifeSafer L250 IID, including operation, reporting, and care of the unit. Please take the time to read this handbook while you are waiting for the IID to be installed in your vehicle, so any questions you may have can be answered before you leave.

Today, you will be trained on the proper use of the LifeSafer L250 IID. Your service provider will also confirm the date of your first service appointment. This date will also be programmed into the device. At each service appointment the device's event log will be downloaded and reported to your Monitoring Authority.



## **WARNING:**

*It is your responsibility to keep your IID in good working order. You will be responsible for any lost or damaged parts of the unit. Please call 855-710-2423 for details on our Loss Protection Plan.*

# THE L250 IGNITION INTERLOCK DEVICE

## HANDSET

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## CAMERA\*

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\*See page 17 for FCC compliance information

# HOW THE HANDSET WORKS



## Powering Up the Device:

For key start vehicles, turn the key halfway to engage the electronics but not the starter.

For push start, push the start button **WITHOUT** your foot on the brake. This should enable your vehicle's electrical system, waking up the device but **NOT** engage the starter. If you have any questions, please check your vehicle's user manual to ensure you are turning on the power but not the starter before testing.

The following screens will appear, in order, once you have powered up the device. You will have 60 seconds to take a test before the device will automatically power down. To manually power down the device, press and hold the Up or Down button for 3 seconds.

### POWER ON



### WELCOME



### WARNING



# HOW THE CAMERA WORKS

## Jurisdiction Camera Requirement

Some jurisdictions require the addition of a camera so that the person taking the test can be identified and submitted to a monitoring authority as part of the reporting process.



The camera will be installed and aligned as part of the device installation process. Your service provider will make sure that the focus, field of view, and operation of the camera is working correctly before you leave. Therefore, there will be no need for you to touch the camera during testing or any other time.

## Wide Range Of View

Due to the camera's wide range of view, you will not need to look directly at the camera while blowing into the device during any test you need to take while in your vehicle.

## Camera Dislodge

The camera is equipped with a heavy-duty suction device that can withstand high temperatures. If the camera falls off the windshield for any reason, contact LifeSafer at 855-710-2423 for further instructions.

# TAKING A TEST



A warm up screen will count down the time until the device is ready for you to take the test. Typically the device will warm up in a matter of seconds. During periods of extreme cold the device may take up to 3 minutes to warm up. You can program three, twenty-minute periods in 24 hours when the device will automatically power-up and be ready for a test when you get into your vehicle. For more details on how to program warm-up times see page 10.

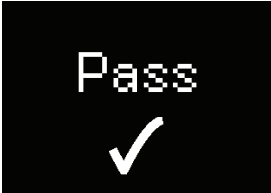


To complete a test, blow steadily into the mouthpiece while saying "DOOOO" in a low, steady voice.

Start blowing strong right away and keep the airflow consistent. The device will guide you with tones and on-screen prompts during the test.



Once a full breath sample is provided, the tone will stop and the test will be complete.



**Results:**

The Pass screen indicates that your alcohol level is below the predetermined level set by your jurisdiction. This screen will be immediately followed by the Start Engine Now screen, indicating you can now start your vehicle.



**Depending on your jurisdiction, you will have between 60 seconds and 3 minutes to start your vehicle.** If the engine is not started within this time, your device will go into "sleep" mode and you will need to take another test before you can start your vehicle.



If you receive the Alcohol Warning screen this means that a low level of alcohol has been detected, but is not enough to result in failed test. However, should your breath alcohol content rise while you are driving you may fail subsequent retests.

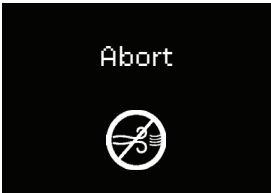
# TAKING A TEST



The fail screen means that your breath sample has an alcohol level above the predetermined level and you will be unable to start your vehicle. Your first fail test will be followed by a mandatory 2 - 15 minute (depending on jurisdiction) temporary lockout.



Depending on the jurisdiction's requirements, one or more fails will result in a temporary lockout. Additional lockouts will occur for subsequent failures. The durations of these lockouts are set by the jurisdiction. Be sure to ask your monitoring authority about the temporary lock out times for testing.



If you receive an Abort message during a test, you have not failed the test.

An Abort simply means the device could not complete the breath sample. This can happen if the airflow was too soft, too strong, too short, or if a steady voice tone was not detected during the test.



The device will display guidance to help you correct the issue and complete your next test successfully.

### Driving:

Once you have passed a test and are driving your vehicle you will be required to take a number of retests. Typically your first retest will be shortly after the vehicle is started and at random intervals thereafter. In between retests the devices screen will continuously display "**DRIVE SAFE**".



Blow

To ensure the utmost safety while driving, the retest notification screen display is just one word “**BLOW**”

When the device requires a retest you will also hear two high-pitched beeps. **You will have time to take the test, typically between 3 and 10 minutes, depending on your jurisdiction.**

*Note: If a test is not taken and passed within the required time, and the vehicle is turned off, the device may still be active, and the alarms may still sound until a test is passed or the test request expires. This may also result in a violation being reported, depending on the jurisdictions requirements.*

Until the device receives a passed test the following will occur:

- After a few seconds the initial beeping will get louder
- After a short time additional alarms may be activated. Dependent on your jurisdiction, this may include your vehicle horn and/or emergency lights or headlights flashing.
- Depending on the jurisdiction, the additional alarms will continue until the breath test is passed or the vehicle is turned off.

Failure to take and pass a test within the specified time may result in a violation being reported to the relevant regulatory authority.

A failed retest may result in a violation and an Early Recall (see page 15)

## **SAFETY BRIEFING**

Always exercise safety first. You should safely exit traffic and stop your vehicle before taking a test.

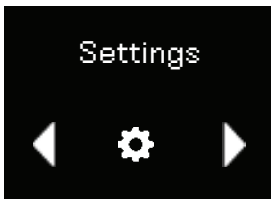
# ENGINE STALL PROTECT



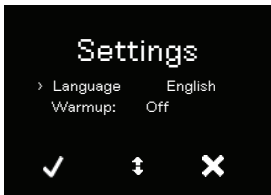
If your vehicle stalls, or is turned off, you will be presented with this screen and, depending on your jurisdiction, you will have 2 - 5 minutes to restart your vehicle without having to take a test.

*Note: This feature is disabled if a retest request is in process, has been ignored, or was failed.*

## MENU OPTIONS



The device is configured to make the testing process easy. Therefore, it is preset to take you quickly to the Alcohol Test option. However, there are some other menu options that you may need to use at some point during your program.



When installing your device, your Service Provider will preset your device to the appropriate language. However, if you need to change this option you can use the Left and Right buttons below the screen. Once the Settings screen is displayed you can use the Up and Down button to choose the setting you would like to change.

## PRE-SET WARM UP TIMES:

You can preprogram your LifeSafer Ignition Interlock for up to three warm-up times that will get the unit ready and keep it that way for up to 1 hour. This means when you are ready, so is your interlock.

Determine the best times for warm-up - if you regularly leave for work or school at a certain time in the morning, or leave the office for the day at 5, then use those as a guide for when you want to set the units preprogram times.

Here are Step-by-Step Instructions for setting up warm up periods:

**1** Power on the device by holding the up or down button



## SAVE TIME IN COLD WEATHER ❄️

Program your interlock to warm up so it's ready to go when you are 🌡️



Warm up times MUST be set at least 4 hours apart

# TROUBLESHOOTING

The device has been designed to make it is easy to use. You may encounter some of the following displays during or immediately after blowing an Alcohol Test.



The device uses a simple voice tone as part of the test. Instead of humming, say "D000" in a steady, monotone voice while blowing.

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This is one of the Abort explanation screens and means that you have blown longer than the required time.

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This abort explanation means that the breath sample delivered was insufficient.

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The Blow Softer abort occurs when you are blowing too hard. Blow softer when you retest.

Breath  
Temperature  
Abort



The breath temperature abort occurs when the breath blown into the device is inconsistent with the normal temperature of human breath. This may be due to you drinking an iced drink or exercising in the cold just before a test. If so, just wait a few minutes and try again.

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Tip:  
Blow slow and  
steady for 5 seconds

After several consecutive aborts you may receive a tip screen with direction on how to successfully complete a test.

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Low  
Battery



Displayed when the vehicle's battery is low. You will need to recharge or replace the battery to ensure that the device continues to work effectively.

Contact LifeSafer **BEFORE** you attempt any work on your vehicle, including work on the battery. Failure to do so may result in the device reading a Tamper violation.

**REMEMBER:** Any disconnection of the vehicle's power will be read as a tampering incident. Call LifeSafer first to obtain instructions on how to properly have your battery replaced or recharged by an automotive professional.

# SERVICE/MONITORING APPOINTMENTS

Periodically you will be required to have the device's data downloaded, reviewed, and reported by the service provider to the relevant regulatory authority. The device, vehicle, and wiring may be inspected for signs of tampering, and the calibration of the device will be checked.

The following is an example of the information the device records and the type of information that the service provider may be required to report:

## Recorded Violations:

- **Start-up Violations** – Starting the vehicle without passing a test within the required time frame, which varies by jurisdiction.
- **Power Disconnect** – Power is lost to the device's Relay Box. You should document any reason why the power was disconnected.
- **Failed Test** – Failing one or more test attempts indicating BrAC at or above the Fail level.
- **Retest Refused** – The driver failed to pass a Retest during the allowed period of time.
- **Retest Failed** – The driver took the Retest and Failed one or more test attempts at or above the Fail level.
- **Lockouts** – The number of Lockouts between service is recorded.
- **Early Service Recall** – If you have met the maximum number of any Violations an Early Service Recall will be recorded and the device will prompt you to return to the Service Center.
- **Time of Vehicle Use** – All vehicle starts are recorded and may be used to determine if the vehicle was operated during a restricted driving time.

## Required Reporting:

### Non-Compliance

- Failure to report for scheduled monitoring check or any Early Recall that results in a Lockout
- Failure to pay for program services provided
- Failure to meet any other terms and conditions of the interlock Program

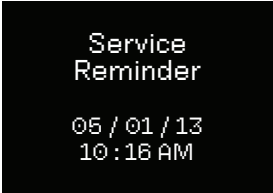
## Circumvention

- Getting someone else to blow the breath test
- Providing a breath sample using a pump, balloon, etc., instead of human breath sample
- Disconnecting the vehicle's battery without authorization from the Service Provider
- Attempting to move or obscure the camera

*Note: If the camera falls from where it was installed, contact your service provider to have it remounted.*

## Tampering

- Breaking of any anti-tampering seal on any part of the device including wires and connectors
- Opening the device
- Physically damaging the device in any way

A black rectangular screen with white text. The text reads: "Service Reminder" at the top, followed by "05 / 01 / 13" and "10 : 16 AM" on the next line.

05 / 01 / 13  
10 : 16 AM

The device will remind you of your scheduled service date by displaying a Service Reminder screen showing the date and time of your appointment. Depending on your jurisdiction, the first reminder will be 7 - 10 days prior to your appointment date. To remove this screen press the Right button

below the screen. You can check the date prior to the automatic reminder times. DO NOT turn the vehicle's ignition on. Simply press the UP or DOWN button on the handset, hold for 5 seconds and once the device powers up press either the right or left button to scroll to the Service Reminder screen. Note: This date was programmed into your device at your last visit. If you change the date or time of your next appointment it will NOT be updated on your device.

A black rectangular screen with white text. The text reads: "LOCKOUT STARTS ON" at the top, followed by "05 / 23 / 13" and "08 : 33 : 29 AM" on the next line, and "Reason: Service Date" at the bottom.

Reason: Service Date

If you do not return for service by the required date you will enter into a grace period between 3 and 10 days (depending on your jurisdiction) and the screen will change to a "Lockout Starts Warning" screen with the date the device will enter

# SERVICE/MONITORING APPOINTMENTS

Permanent Lockout if it is not serviced. If the device goes into Permanent Lockout you will not be able to take a test or start your car. **If this happens you will need to call your service provider to obtain a Lockout Override code, or have your vehicle towed at your expense.**

The reason for the lockout is shown at the bottom of the screen and may include Service Date (meaning you are past due for service), Event Log Full, Device Failure, Bypass, and Violations.

If you have to change a scheduled monitoring appointment, you will need to call 855-710-2423 at least 24 hours in advance to avoid a Missed Appointment Fee.

## **Early Recall:**

Many Violations recorded by the device will require an Early Recall. This means that you must return to your service provider to have the device's data downloaded, interpreted, and reported. **Depending on your jurisdiction, you will have 3 to 10 days to return to your service provider before the device enters Permanent Lockout.**

You will be advised of the Early Recall requirement via the Lockout screen. It will display the date and time the lockout will start along with the Reason: Violation.

The device monitors its own functionality in accordance with fail-safe technical requirements. Any type of malfunction or failure that could affect the reliability or accuracy of the device's test results will also put the device into Early Recall. This will again result in a Lockout screen advising of the date, time, and reason for lockout.

## **Lockout Override Code:**

The device has the ability to have a Lockout Override Code entered if your jurisdiction allows.

- Use of the code will temporarily lift the lockout, as defined by your jurisdiction, and will allow normal operation of the device and vehicle.
- You must call LifeSafer at 855-710-2423 for the code.

## Vehicle Electrical Systems

The device operates off your vehicle's electrical system. If your vehicle is over 10 years old, you should have the electrical system checked by an automotive professional. If your vehicle has electrical shorts or a failed alternator, the power surges can damage the device and void the warranty. If applicable maintain proper water-levels in your car battery (use distilled water) and keep the terminal connections clean and free of corrosion. **The device will usually work with an old battery, but bad or weak batteries are the primary cause of problems that can result in Early Service Recall and an unscheduled visit to the service provider at your expense.** If your car battery is weak or old, ask your LifeSafer Service Provider what your jurisdiction's regulations are for having it replaced. Since all power disconnects are recorded and reported, you must document each time the battery is disconnected, or the device is disconnected from power. We have provided a chart on page 15 where you can document all disconnects.

## Avoid Contact with Moisture and Dirt

The device is not waterproof. It is an electronic product. Keep it out of the rain. Keep the device stored off the floor of your vehicle. Excessive contact with moisture, dirt, mud, or rain will damage the internal circuitry for which repair or replacement of the device is your responsibility.

## Avoid Electro-Static Discharge (ESD)

Place the key in the ignition before picking up the handset. ESD, especially during the cold and dry winter months, is common and may damage the device.

## Device Care

Wipe the handset with a clean, dry cloth from time to time. Make sure you keep the unit off the floor and avoid dirt. Use a clean, dry mouthpiece for each test. Mouthpieces can be cleaned with soap and water for reuse.

# ***CAMERA - FCC COMPLIANT STATEMENT***

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment or devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.







## **24-Hour Service Assistance**

- *We are always here to help you – 24 hours a day.*
- *If you call after business hours, please listen carefully to the prompts which will allow you to leave a message, or speak to a Customer Care Agent*
- *The Customer Care Agent will try to alleviate the issue if possible*

- *To schedule an appointment*
- *To make a payment*
- *For assistance*
- *If you experience any issues with your device*
- *If the device is notifying you that it needs service*

**Call our Customer Contact Center**

**855-710-2423**

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