

Pearl

RearVision

Safety & Operating Information

Thank you for choosing Pearl™!

We're so glad you chose to add Pearl RearVision to your car and hope it makes driving more enjoyable and less stressful. To get the most out of it, please read all of the information in this booklet and be sure to check **pearlauto.com/safety** for updates.



Important Operating Information

A. Installation

Before using Pearl RearVision:

DO:

- Install the license plate Bracket, Camera Frame, Car Adapter and Phone Mount properly;
- Download the Pearl App from the App Store® or Google Play™.

DON'T:

- Drive while holding your phone in your hand.

When installing the Phone Mount:

DO:

- Place it securely in a location where you can firmly mount your phone and easily view the screen.
- Use a durable, plastic surface.

DON'T:

Place it in an area that:

- Obstructs your (the driver's) view;
- Interferes with the steering wheel, stick shift, hazard button or any other operating control;
- Is above or in front of any airbag;
- Is unsecured on the dashboard.

WARNING

Mounting your phone on a vent blowing hot air may result in a temperature alert from your device, so please consider this when using your dash heater while your phone is mounted.

Important

RearVision has been designed, marketed, and sold for use by residents of the United States only. All safety warnings, information, instructions, packaging, in-box materials, mobile apps, and support services are provided only in English (U.S.). RearVision is not intended for use and should not be installed outside of the United States.

Important

State and local laws may apply to your installation and use of Pearl RearVision and restrict placement of the Phone Mount and/or Camera Frame. Before installing Pearl RearVision, please check your State and Local laws and regulations and be sure to comply.

WARNING

The Pearl Phone Mount requires a metal Phone Plate for magnetic mounting. If you charge your phone wirelessly (such as Qi charging, etc.) with the Plate attached, it can cause extreme overheating that can burn or damage persons and property. Do not charge your phone wirelessly with the metal Phone Plate installed. See pearlauto.com/support for instructions on how to remove the Phone Plate.

Driver Responsibility

RearVision is designed to increase your awareness and visibility of what's behind your car, but it can't show or tell you everything.

DO:

- Look behind you and backup carefully.

DON'T:

- Rely solely on Pearl RearVision.

B. RearVision Performance

WARNING

The Camera Frame connects wirelessly to the Car Adapter and your phone. Video performance may be affected by your car's design and length, materials, and other factors, including outside elements that may cause interference with the radio transmitters and receivers in your Camera Frame and phone.

Video performance may be degraded or unavailable:

- In environments where the wireless signal is degraded due to interference.
- In low or harsh lighting conditions, such as extremely bright sunlight or light beams that are directed or reflected onto a camera lens.
- When the Camera Frame is obstructed, soiled or damaged.

- In extreme weather. Look behind you before proceeding.

Note to iPhone® Users:

- When your iPhone's wireless connection is not available (for example, when you are still connected to your home wireless network or when you have wireless turned off), RearVision will try to send video over Bluetooth®. In this configuration, other connected Bluetooth devices can block or degrade video performance.
- To improve reliability, turn your phone Wi-Fi off or select Pearl Wi-Fi from your iPhone's Settings.

C. Software and Hardware

WARNING

Do not modify or tamper with the device's hardware or software.

Warnings and Safety Info

We care about your well-being.

Failure to follow these safety and care instructions may result in personal injury or damage to you, bystanders, RearVision or other property.

WARNING

A. Undetected Obstacles

Objects in your path will not be seen or detected by your RearVision system if they are above, below or outside of the cameras' range of sight or alert zone. For example:

- Low-lying objects or objects suspended high off the ground.
- Objects that are very near to the rear of your vehicle and at acute angles to the Camera Frame, such as objects that are:
 - Below or near to the rear bumper of the vehicle;
 - Near the rear left or right corners of the vehicle.
- Quickly moving objects.
- If your Camera Frame is not centered on the back of your car:

The field of view and alerts will not be centered to your vehicle, and you should adjust your driving accordingly and

- The alert system may fail to alert you to some obstacles that are in your path, and notify you of other objects that are not in your path. Look behind you before proceeding.

Other conditions that may cause objects to go undetected are:

- Low or harsh lighting (such as flare from license plate lights or other cars' headlights) or extreme weather conditions (for example heavy snow, hail, rain or thick fog) that limit the cameras' abilities to differentiate between light and dark areas (also known as visual texture).
- When the cameras are obstructed, soiled or damaged.
- Obstacles that lack visual texture or have very narrow or uniform surfaces.

Be sure to look behind you and back up cautiously.

B. Time Delay

As with any wireless video transmission, the video you see and the alerts you receive are time-delayed. Remain alert, especially if there are quickly moving objects.

C. Handling and Operating Conditions

Pearl RearVision (including Camera Frame, Car Adapter and Phone Mount) can be damaged or become inoperable if your car is in a collision or if it is dropped, hit, bent or crushed, exposed to extreme heat or cold, or submerged in water. In these scenarios you should remove RearVision from your vehicle. It may also cause personal injury if you handle or touch the product under extreme temperatures.

- Recommended ambient operating temperature range: -4°F (-20°C) to 113°F (45°C).

- Recommended non-operating (e.g. storage), ambient temperature range: -22°F (-30°C) to 122°F (50°C). If outdoor temperatures are expected to exceed 122°F (50°C), you should remove your Car Adapter and the Camera Frame and place them in a location where it can be stored within the non-operating temperature range.

D. Power, Battery Safety and Charging

- The Car Adapter is powered through your car's OBD (On-Board Diagnostics) port. The Camera Frame is powered by a non-user replaceable battery embedded in the Camera Frame.

WARNING

If you are intending to store your vehicle for an extended period of time, you should remove the Car Adapter to avoid draining your car's battery. Note that there

are multiple variables that impact battery performance and not all battery drainage issues will be caused exclusively by the installation and use of RearVision.

- Battery life and charge cycles of your Camera Frame will vary with use, environment, and temperature. It may take longer to charge and battery life will temporarily be shortened when using your Camera Frame at temperatures in the lower end of the recommended operating range.
- Operating or storing your Camera Frame at the higher end of the relevant recommended temperature range can permanently reduce the number of times your battery can be charged before it needs to be replaced.
- You may need to charge your Camera Frame using the attached USB cable if your battery is low (as indicated by the Pearl App.)
- Charging will not occur:
 - ° For solar, below 14°F (-10°C) or above 122°F (50°C).

Warnings and Safety Info (continued)

° For USB, below 32°F (0°C) or above 113°F (45°C). USB charging is also disabled during video streaming.

Note: A USB charger is not included. Refer to the Installation & Tips Guide for instructions. Be sure to use a USB compliant charger. (Pearl is not responsible for performance of or damage caused by third-party power adapters.)

WARNING

If the Camera Frame or the lithium ion battery in the Camera Frame is damaged or if you attempt to replace the battery yourself, it may overheat and cause injury. Be sure to recycle or dispose of it according to the waste disposal and recycling requirements applicable to you. For more information about battery service and recycling, see pearlauto.com/support.

E. Medical Devices

The Phone Mount contains magnets that may interfere with pacemakers, defibrillators or other medical devices.

- Maintain a safe distance from your Mount.
- Consult your physician and medical device manufacturer for information about safe use of your medical device.
- Stop using the Pearl Phone Mount if you suspect it is interfering with your medical device.

F. Magnet

Your Phone Mount contains a magnet used to hold your phone in place. Be careful not to place devices containing magnetic media such as products containing hard disk drives or credit cards near your Phone Mount or data may be lost or destroyed. In some cases, near field communication (NFC), compass or navigation functions may be temporarily impaired while your phone is on the Mount.

Warnings and Safety Info (continued)

Cleaning and Care Instructions

Warranty

WARNING

G. California Proposition 65 Warning

This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

Your Pearl RearVision will get dirty just like your car! If the camera lenses on your Camera Frame get dirty:

DO:

- Clean with soft, moist cloth with water only.

DON'T:

- Use cleaning products or wipes/materials that may wear away the protective coating or scratch the lenses, and do not rub aggressively.

Note: It's okay to leave your Camera Frame on your car when it's going through a carwash.

Pearl is proud to offer you a 3-Year limited warranty. Complete details can be found at pearlauto.com/legal/warranty.

Regulatory

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

Changes or modifications not expressly approved by Pearl could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits 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 in accordance with 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 can be determined 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:

- Re-orient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

For vehicle and phone compatibility, technical specs, customer support and more, visit pearlauto.com/support.

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Designed by Pearl in California. Assembled in China.

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