



**FURRION REAR CAMERA  
OEM INSTALLATION MANUAL**

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## Introduction

Safely back into parking spaces while having a wide view of surroundings with the Furrion Rear Camera system. This configurable system acts as a security camera system as well as giving customers a peace of mind while on and off the road. This document details the installation procedure of the Furrion Rear Camera onto the unit.

For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/navigations>

**NOTE:** Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Additional information about this product can be obtained from [lci1.com/support](http://lci1.com/support) or by using the LippertNOW app.

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## Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

### **WARNING**

**The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.**

### **WARNING**

**Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.**

### **CAUTION**

**The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.**

### **CAUTION**

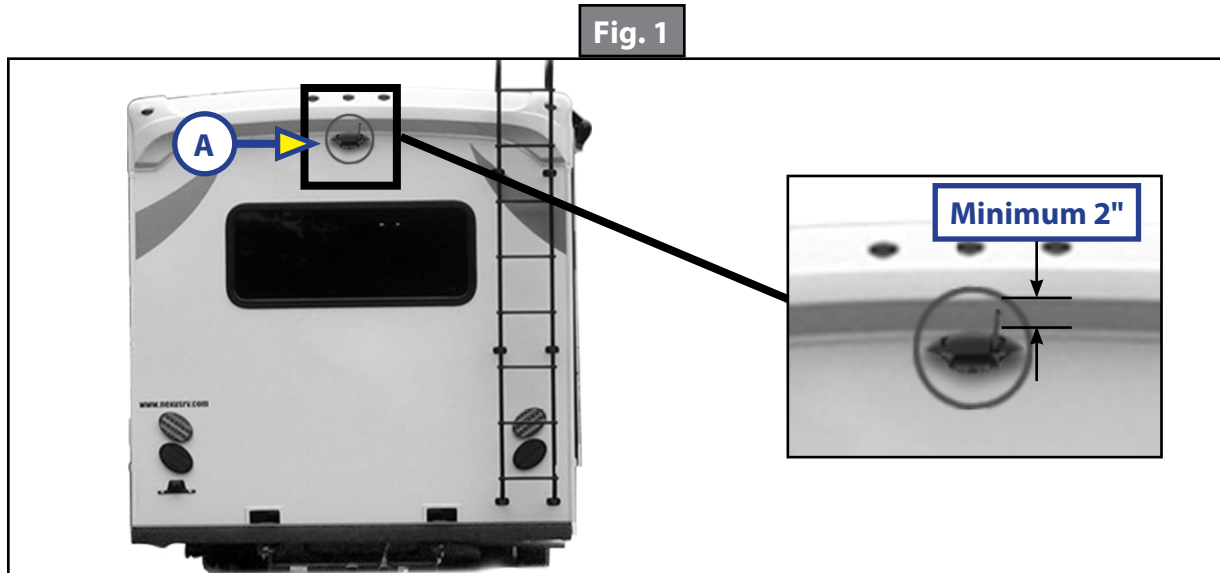
**Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.**

## Resources Required

- Ladder
- Gentle work cloth for cleaning debris
- Non-permanent marking device
- Cordless or electric drill or screw gun
- Appropriate drive bit
- #8 panhead screws of an appropriate length
- Wire strippers (if needed)
- All-weather silicone sealant

## Pre-Installation

1. Make sure the unit is parked on a level surface and the power is off.
2. Locate a flat mounting area (Fig. 1A) on the back of the unit where the camera will be installed.

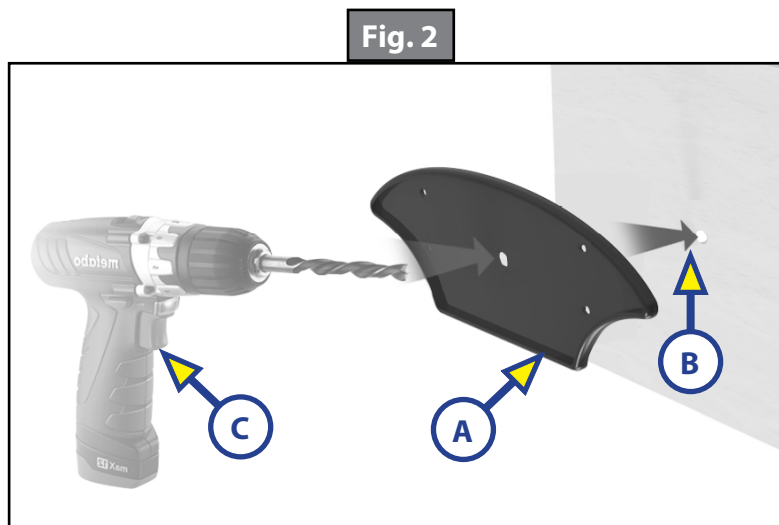


**NOTE:** Make sure the desired mounting area is:

- A. High enough to completely see the rear-view area for optimal visibility and operation.
  - B. Two-inch clearance from the top of the unit wall so the camera assembly has enough clearance for installation.
  - C. Not obstructing the driver's visibility and not interfering with other operational components of the unit.
  - D. The mounting area wall can completely support the weight of the camera and withstand the installation procedure.
3. Clean area with gentle work cloth to ensure the area is dry and free of debris, and has a clear view of the rear area.

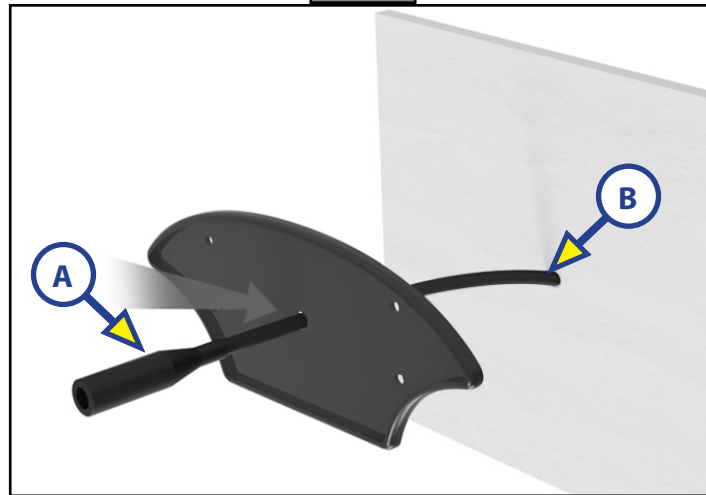
## Installation

1. Place the bracket gasket (Fig. 2A) at desired mounting location and mark center hole (Fig. 2B) with a non-permanent marking device.
2. Use a cordless or electric drill or screw gun (Fig. 2C) to drill a 5/8" hole in the center of the mounting location.



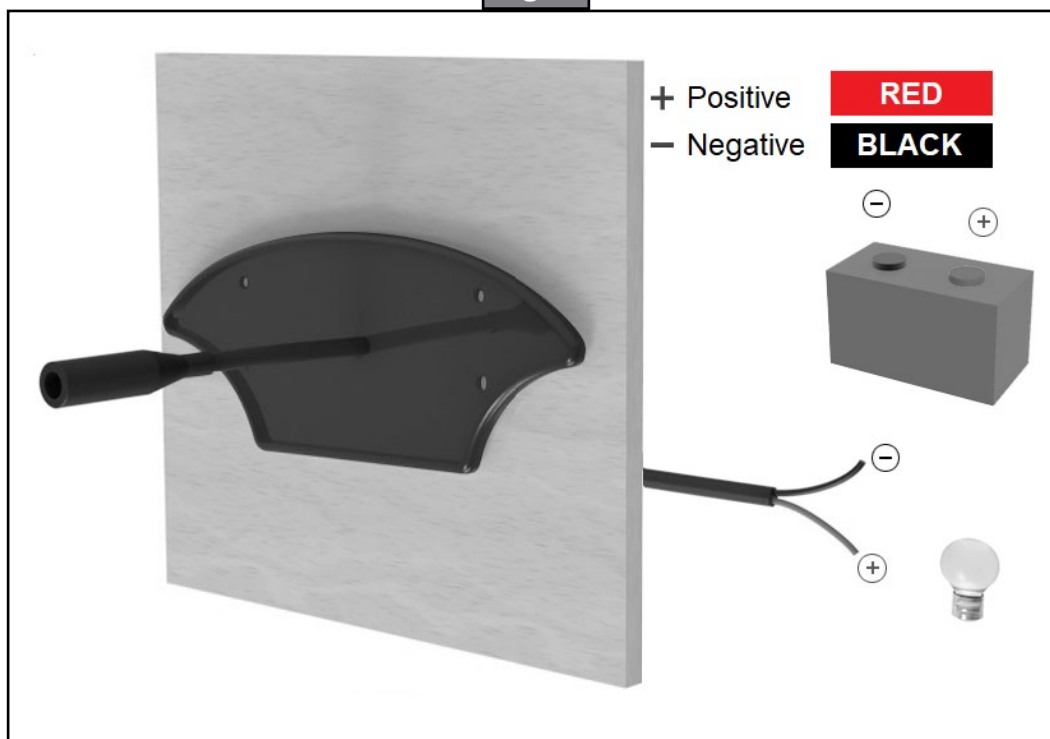
3. Feed the power cable (Fig. 3A) through the bracket gasket. Make sure the raised square and sealing lips are facing outwards. Leave about 3 inches of the cable hanging out of the front of the gasket and pull the rest through the wall.
4. Use an all-weather silicone sealant on the hole (Fig. 3B) to protect the interior of unit.

Fig. 3

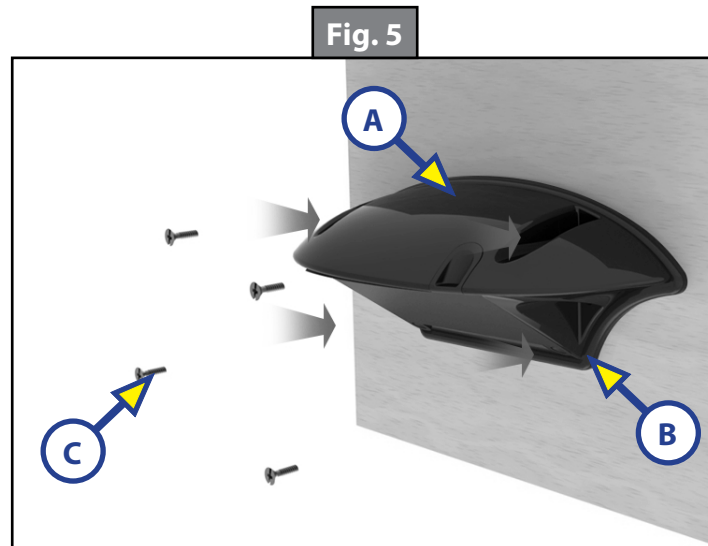


5. Make sure the power to the trailer is off, and then connect the camera's black wire to the unit ground wire (Fig. 4).
6. Connect the camera red wire to the marker light circuit (Fig. 4).

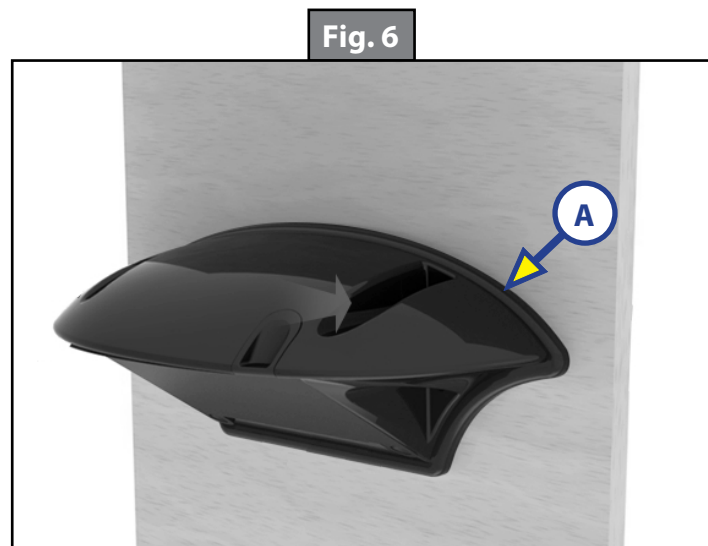
Fig. 4



7. Before attaching the camera bracket (Fig. 5A) and gasket (Fig. 5B) to the wall, make sure the sealing lip around the edge of the gasket is facing out so the camera bracket back can be seated into the edge of the gasket.

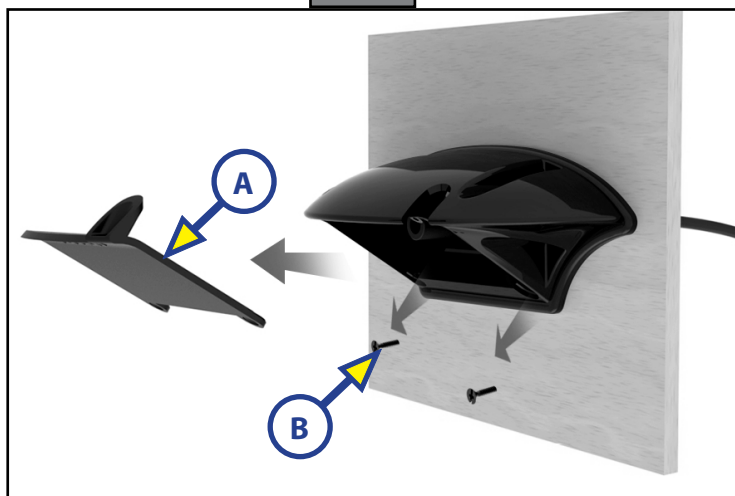


8. Secure the camera bracket and gasket to the rear of the unit using x4 #2 head 3/4" self tapping screws (Fig. 5C).
9. Seal around the perimeter of the camera bracket (Fig. 6A) with an all weather silicone sealant.



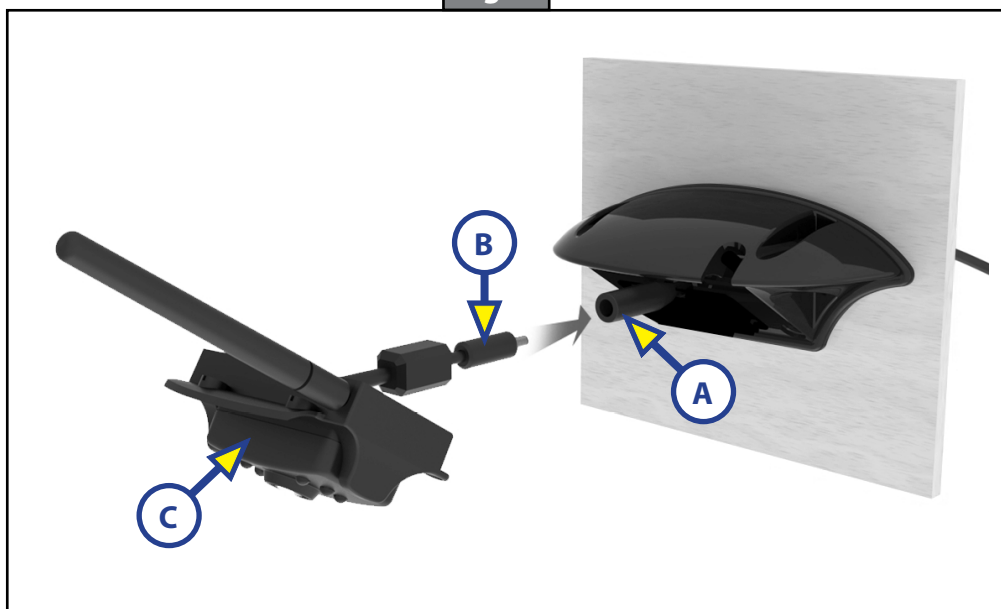
10. Remove the cover plate (Fig. 7A) on the camera bracket and retain to the four removed screws (Fig. 7B).

Fig. 7

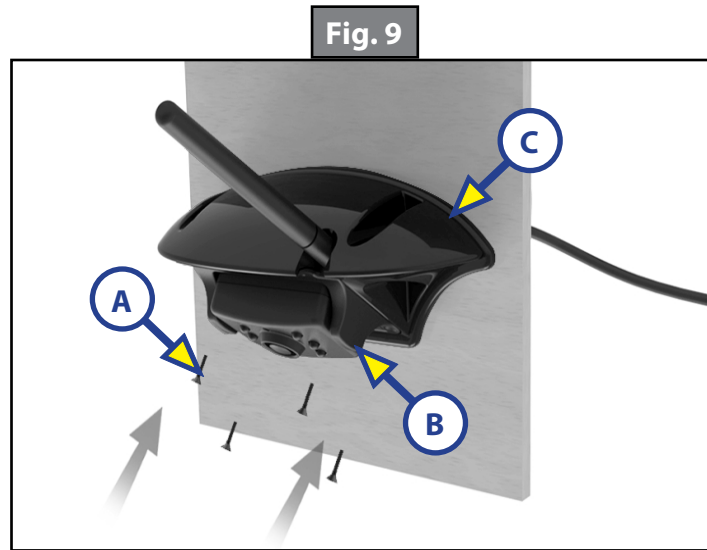


11. Remove the power jack connector from inside the bracket (Fig. 8A).
12. Connect the camera power jack connector (Fig. 8B) with the power supply jack.
13. Install the power connection and interface filter into the bracket housing before fitting the camera unit in place (Fig. 8C).

Fig. 8



14. Reinstall the retained four screws (Fig. 9A) to attach the camera (Fig. 9B) to the bracket (Fig. 9C).



### Post-Installation Checks

Check box when all items are completed on checklist.

- The mounting bracket is mounted centered left to right.
- The mounting bracket is installed below, or at least 2" minimum above the running lights.
- The surface area is flat enough to accommodate the entire mounting bracket foot print.
- The camera power cable has 2" of slack.
- A minimum of 5/8" hole (+/-1/8") is used for the power cable.
- The bracket and gasket are securely attached with 4 screws.
- If the mounting surface is uneven, was sealant used to top dress the bracket?
- Does the camera power up and operate?

### Troubleshooting

What Is Happening?	Why?	What Should Be Done?
Mobile device does not connect to camera.	Camera not powered up.	Turn battery disconnect on. Connect to shore power. Connect 7-way too tow vehicle.
	Wi-Fi not turned on.	Make sure Wi-Fi is active on mobile device.
Camera not powering up.	Running lights are OFF.	Be sure running lights are ON. The camera requires power in order to operate, and the running lights are the typical power source.
Camera is displaying a blank screen after connection.	Cycle power to unit.	Remove power from camera for 2 minutes by cycling battery disconnect, disconnection and reconnection of shore power and the 7-way connector.
	Another mobile device is connected to the camera.	Power down or restart other connected mobile devices.
	Not connected to Wi-Fi.	Check Wi-Fi connections on mobile device. Connect to Wi-Fi network within mobile device's Wi-Fi manager, no password needed.
	Mobile device disconnected from camera Wi-Fi due to lack of Internet connection.	Select "continue to use network", or "keep network and use mobile data" when menu pops up on mobile device.

If further assistance is required, please contact the Lippert Customer Care Center.







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