

Lippert Components 344792

Lippert Ground Control 3.0 Automatic 5th Wheel RV Leveling System

REAR HALL EFFECT JACK - MODEL 344792

User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Lippert Ground Control 3.0 Automatic 5th Wheel RV Leveling System Rear Hall Effect Jack, Model 344792. This component is designed as a direct replacement part to ensure the continued functionality of your RV's automatic leveling system. Please read this manual thoroughly before attempting any procedures to ensure safe and correct usage.

2. SAFETY INFORMATION

Always prioritize safety when working with RV leveling systems. Failure to follow safety guidelines can result in serious injury or damage to equipment.

- Ensure the RV is parked on a stable, level surface before beginning any work.
- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Disconnect the RV's power supply before performing any electrical work or component replacement.
- Never place any body parts under the RV when the leveling system is in operation or not securely supported.
- Refer to your RV's primary owner's manual for additional safety precautions related to the overall leveling system.

3. PRODUCT OVERVIEW

The Lippert Ground Control 3.0 Rear Hall Effect Jack (Model 344792) is a crucial component for the automatic leveling system on 5th wheel RVs. It is engineered for direct replacement, ensuring compatibility and ease of integration with existing Ground Control 3.0 systems. This jack provides reliable support and contributes to the stability of your RV.

Key Features:

- **Direct Replacement:** Specifically designed for seamless integration with original Ground Control 3.0 automatic leveling systems.
- **Economical Solution:** Offers a cost-effective alternative to replacing the entire leveling system.
- **Extension Range:** Capable of extending to a maximum height of 36-3/4 inches and retracting to 24-1/2 inches, providing a total lift of 12-1/2 inches.
- **Secure Installation:** Crafted to match the original equipment design for a reliable fit.
- **Dependable Strength:** Boasts a robust load capacity of up to 5,000 lbs.

Product Visuals:





Figure 1: Lippert Ground Control 3.0 Rear Hall Effect Jack. This image displays the complete jack assembly, including the motor, leg, and footpad, in its retracted position.

APPROXIMATE DIMENSIONS

Load Capacity: 5,000 lbs.

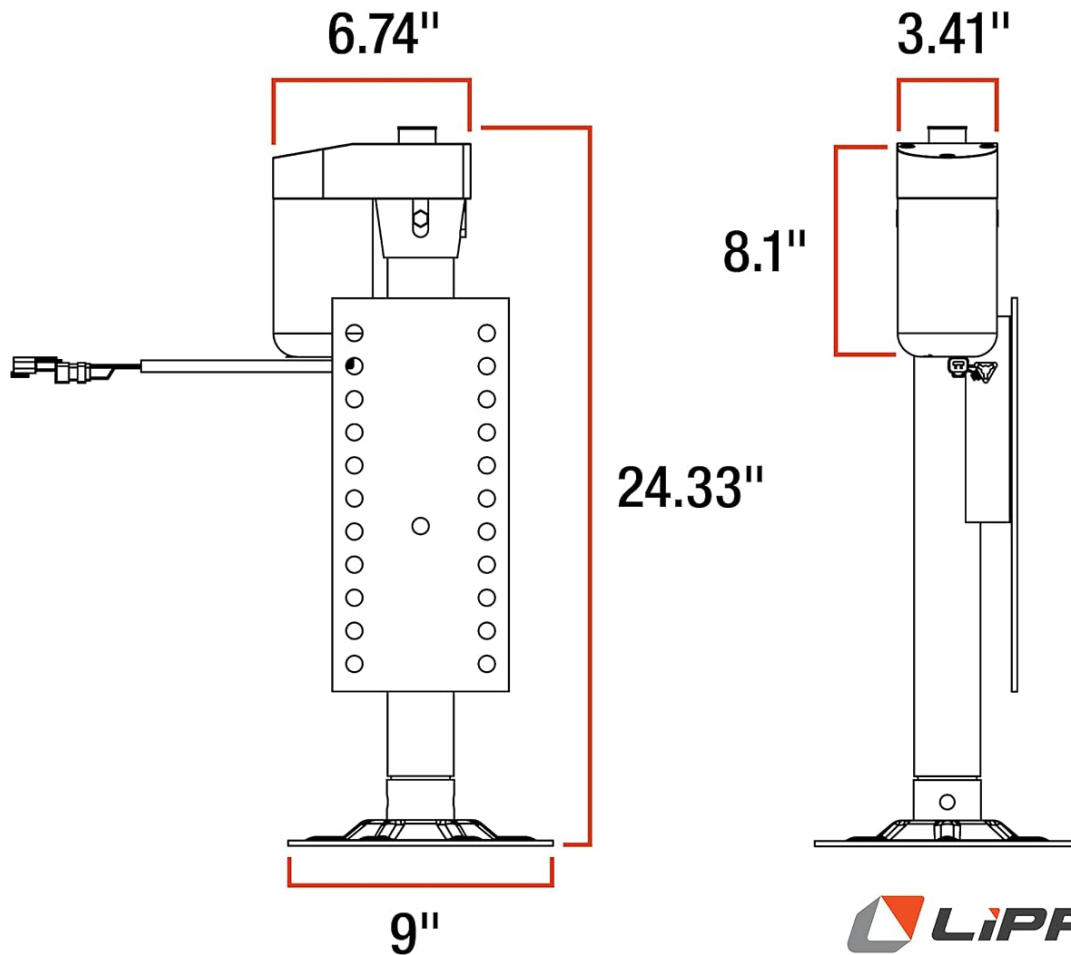


Figure 2: Approximate Dimensions. This diagram illustrates the key measurements of the jack, including its overall height (24.33 inches retracted), width (6.74 inches), and depth (3.41 inches), along with the 9-inch footpad diameter.

FEATURES & BENEFITS

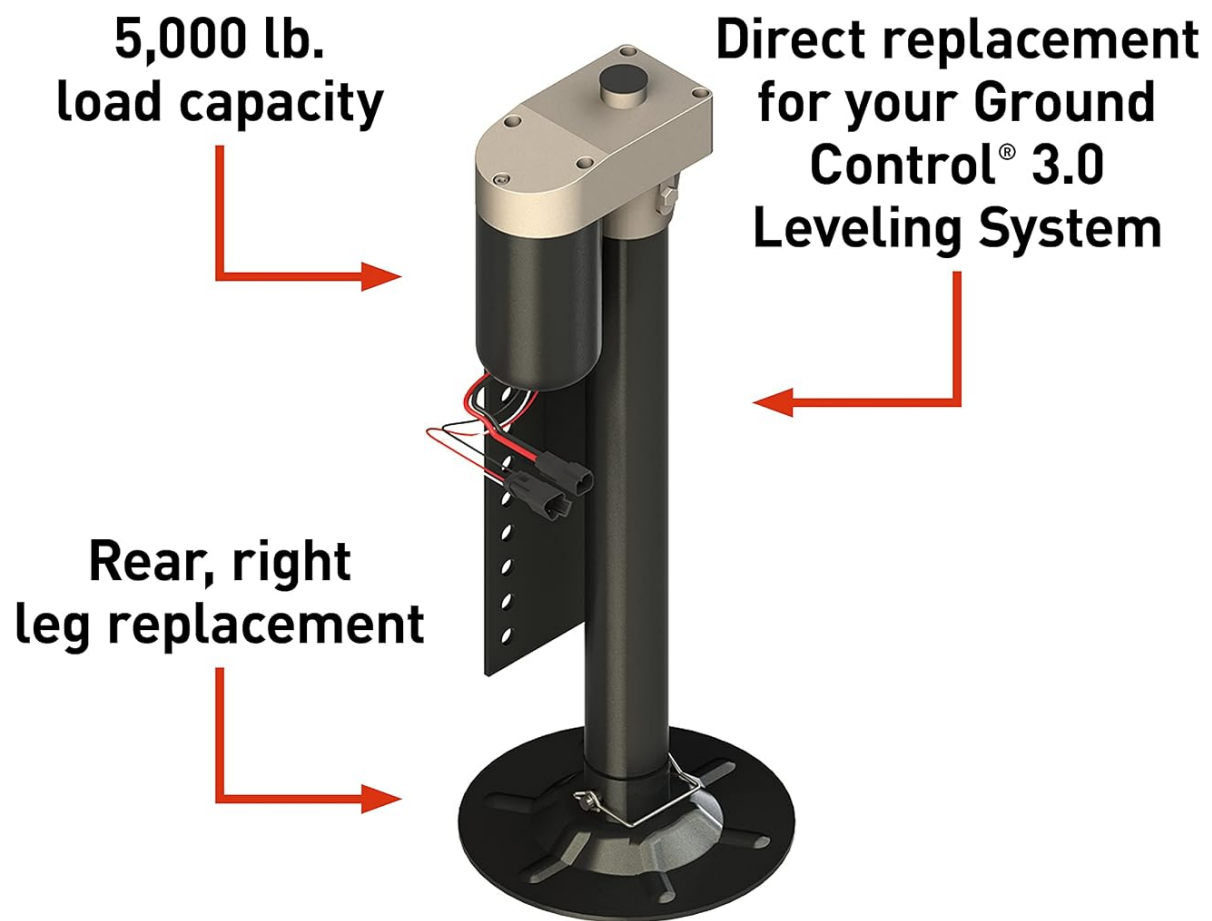


Figure 3: Features & Benefits. This graphic highlights the 5,000 lb. load capacity, its function as a rear right leg replacement, and its direct compatibility with the Ground Control 3.0 Leveling System.



Figure 4: Motor and Connector Detail. A close-up view showing the motor housing and the electrical connector, indicating the wiring for power and control.



Figure 5: Jack in Operation. This image shows the jack extended, providing stabilization to a 5th wheel RV, demonstrating its function in a real-world setting.

4. COMPONENTS INCLUDED

The package for the Lippert Ground Control 3.0 Rear Hall Effect Jack (Model 344792) typically includes:

- Jack Assembly
- Mounting Hardware
- Footpad

5. SETUP AND INSTALLATION

The Lippert Ground Control 3.0 Rear Hall Effect Jack is designed for straightforward replacement. Follow these general steps for installation. Always refer to the detailed instructions provided with your specific product for precise guidance.

General Installation Steps:

1. **Prepare the RV:** Ensure the RV is securely supported and the existing jack is fully retracted or removed. Disconnect power to the leveling system.
2. **Remove Old Jack:** Carefully unbolt and disconnect the wiring from the old jack.
3. **Install New Jack:** Position the new Hall Effect Jack (Model 344792) in place. Secure it using the provided mounting hardware.
4. **Connect Wiring:** Attach the electrical connectors. Ensure a secure and correct connection.
5. **Attach Footpad:** Install the footpad onto the bottom of the jack leg.
6. **Restore Power:** Reconnect the RV's power supply.
7. **Test System:** Perform a functional test of the leveling system to ensure the new jack operates correctly.

Installation Resources:

Video 1: RV Leveling Lippert Rear Jack Motor 343758. This video demonstrates the replacement process for a Lippert rear jack motor, which is similar to the Hall Effect jack replacement. It shows how to disconnect and reconnect the motor unit.

Video 2: MXLTVMX Rear Right Hall Effect Jack for Lippert 344792. This video provides a visual overview of the Rear Right Hall Effect Jack, highlighting its components and design, which can be helpful during installation.

6. OPERATING INSTRUCTIONS

Once the replacement jack is installed and the system is powered, the Ground Control 3.0 Automatic Leveling System can be operated. The system is designed to automatically level your 5th wheel RV with minimal user input.

Automatic Leveling Procedure:

1. **Activate System:** Locate the control panel for your Ground Control 3.0 system. Typically, you activate the automatic leveling sequence by pressing specific buttons (e.g., up and down arrows simultaneously) as indicated by your RV's control panel.
2. **Initiate Leveling:** Once activated, press the 'Auto Level' button. The system will then automatically extend and retract the jacks to achieve a level position.
3. **Monitor Process:** Observe the leveling process. The system will typically level the front jacks first, followed by the rear jacks.
4. **Confirmation:** The control panel will indicate when the RV has reached a level and stable position.

Operation Resources:

Video 3: If you travel a lot and need to level your camper get this! This video demonstrates the ease of use of an automatic leveling system on a 5th wheel RV, showing the jacks extending to level the trailer.

Video 4: Ground Control 3.0 and Ground Control TT - Lippert. This official Lippert video showcases the Ground Control 3.0 system in action, illustrating its automatic leveling capabilities for RVs.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Lippert Ground Control 3.0 system and its components.

- **Visual Inspection:** Periodically inspect the jack for any signs of damage, corrosion, or loose connections.
- **Cleaning:** Keep the jack legs and motor housing clean from dirt, debris, and road grime. Use a mild soap and water solution.

- **Lubrication:** Lubricate the moving parts of the jack, such as the inner and outer legs, with a silicone-based lubricant as recommended by Lippert. Avoid petroleum-based lubricants.
- **Electrical Connections:** Check all electrical connections for tightness and corrosion. Ensure wiring is not pinched or exposed.
- **Footpads:** Ensure footpads are securely attached and free from excessive wear or damage.

8. TROUBLESHOOTING

If you encounter issues with your Lippert Ground Control 3.0 system after replacing the Hall Effect Jack, consider the following common troubleshooting steps:

- **System Not Responding:** Check all electrical connections, including the main power supply to the leveling system and the specific jack. Ensure the RV battery is adequately charged.
- **Uneven Leveling:** Verify that the ground beneath the RV is as stable as possible. The system may require recalibration after a component replacement. Refer to your Ground Control 3.0 system manual for recalibration procedures.
- **Unusual Noises:** Inspect the jack for any obstructions or signs of mechanical binding. Ensure proper lubrication.
- **Error Codes:** Consult your Ground Control 3.0 system manual for specific error codes displayed on the control panel and their corresponding solutions.

If problems persist, contact Lippert Components customer support or a certified RV technician.

9. SPECIFICATIONS

Feature	Specification
Model Number	344792
Brand	Lippert Components
Load Capacity	5,000 lbs.
Overall Height (Retracted)	24-1/2 inches
Overall Height (Extended)	36-3/4 inches
Total Lift	12-1/2 inches
Product Dimensions (L x W x H)	24.34 x 6.72 x 3.39 inches
Item Weight	25 pounds
Color	Black
Type	Rear Hall Effect Replacement Jack

10. WARRANTY INFORMATION

Lippert Components offers a warranty on its products. According to customer feedback, the Lippert warranty is in place for items purchased and fulfilled by Amazon. For specific warranty terms, conditions, and registration, please refer to the official Lippert Components website or contact their customer service directly. Keep your proof of purchase for warranty claims.

11. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Lippert Components customer service. You can typically find contact information on the official Lippert Components website or through your RV dealer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question