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Lippert Components 675817

Lippert Ground Control 3.0 6-Point Automatic 5th Wheel RV Leveling System Instruction Manual

Brand: Lippert Components | Model: 675817

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Lippert Ground Control 3.0 6-Point Automatic 5th Wheel RV Leveling System. This system is designed to provide automatic leveling and stabilization for 5th wheel recreational vehicles, enhancing convenience and safety during setup.

Please read this manual thoroughly before attempting to install or operate the system. Retain this manual for future reference.

2. SAFETY INFORMATION

Observe all safety precautions to prevent injury or damage to the product and RV. Failure to follow these instructions may result in serious injury or death.

- Always ensure the RV is parked on a reasonably level and stable surface before deploying the leveling system.
- Keep hands and feet clear of all moving parts during operation.
- Do not operate the system if anyone is underneath or near the RV.
- Verify that the area around each jack is clear of obstructions before and during operation.
- In case of power failure, use the manual access ports as described in the operating section.
- Ensure the RV's parking brake is engaged and wheels are chocked before operating the leveling system.

3. COMPONENTS INCLUDED

The Lippert Ground Control 3.0 system includes the following components:



Figure 3.1: Overview of all components included in the Ground Control 3.0 system.

- One (1) 6 Point Ground Control System
- Four (4) Ground Control 3.0 Bolt-on Brackets for 8" and 10" I-Beams
- Four (4) Screws 8 x 18 x 1 (Part Number: 241940)
- One (1) LCD TX Charger
- One (1) IDs Touch Screen Transmitter with Leveling and Fuse Programming
- Twenty-Four (24) Bolts 3/8- 16 x 1
- Two (2) Red Wire Nut 22-10

4. SETUP AND INSTALLATION

Installation of the Ground Control 3.0 system is designed for bolt-on setup, requiring no welding. It is recommended that installation be performed by qualified personnel.

4.1 Mounting the Jacks

The system includes six jacks: two front jacks (21" travel) and four rear jacks (12-1/2" travel). Use the provided bolt-on brackets and hardware to secure the jacks to the RV's frame. Ensure proper alignment and torque specifications are met for all fasteners.



Figure 4.1: Example of a rear jack with a large, rounded foot for stability.

4.2 Wiring and Control Panel Installation

Connect the system's wiring harness to the RV's 12-volt power supply according to the detailed wiring diagram provided in the full installation guide (not included in this summary). Install the touchpad control panel in an accessible and protected location within the RV.

INNOVATIVE TECHNOLOGY

Touchpad control panel included



Representative Image

Figure 4.2: The touchpad control panel for operating the leveling system.

5. OPERATING INSTRUCTIONS

The Ground Control 3.0 system offers automatic and manual leveling capabilities.

5.1 Automatic Leveling

To initiate automatic leveling:

1. Park the RV on a stable surface.
2. Engage the RV's parking brake.
3. Ensure all personnel are clear of the RV and jacks.
4. Press the "AUTO LEVEL" button on the control panel. The system will automatically extend and retract the jacks to achieve a level position.

TIME-SAVING

One-touch, automatic leveling



Figure 5.1: An RV leveling jack extended during the automatic leveling process.

5.2 Auto-Hitch Memory

The system features an auto-hitch memory function to simplify re-hitching to your tow vehicle.

1. Before unhitching, ensure the system is in a stable, level position.
2. Activate the auto-hitch memory function (refer to the control panel instructions for specific button sequence). This stores the current height.
3. When ready to re-hitch, select the auto-hitch memory function. The system will return the RV to the previously stored height for easy coupling.

FULLY EQUIPPED

Auto-hitch memory functionality



Figure 5.2: An RV prepared for re-hitching using the auto-hitch memory feature.

5.3 Manual Operation

In the event of a power failure or system malfunction, the jacks can be operated manually. Manual access ports are located on the bottom and top of each jack's motor. Consult the full product manual for detailed instructions on manual override procedures.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your leveling system.

- **Inspect Jacks:** Periodically check all jacks for signs of damage, corrosion, or wear. Ensure the jack feet are clean and free of debris.
- **Lubrication:** Lubricate the inner and outer jack legs with a silicone-based lubricant every three months or as needed, especially after exposure to harsh weather conditions.
- **Electrical Connections:** Verify that all electrical connections are secure and free from corrosion.

- **Clean Control Panel:** Wipe the control panel with a soft, damp cloth. Avoid abrasive cleaners.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Ground Control 3.0 system. For complex problems, contact Lippert Components customer support.

Problem	Possible Cause	Solution
System does not respond to commands.	No power, blown fuse, loose connection.	Check RV battery voltage. Inspect fuses and electrical connections.
Jacks extend unevenly or system fails to level.	Sensor calibration issue, obstruction, uneven ground.	Ensure RV is on a reasonably level surface. Recalibrate the system (refer to full manual). Check for obstructions.
Jacks retract unexpectedly.	Low battery voltage, system fault.	Charge RV battery. Consult full manual for fault codes.

8. SPECIFICATIONS

- **Model:** Ground Control 3.0 6-Point Automatic Leveling System for 5th Wheel RVs
- **Manufacturer Part Number:** 675817
- **Application:** 5th Wheel RVs
- **Configuration:** 6-point
- **Front Jacks:** 21" travel
- **Rear Jacks:** 12-1/2" travel
- **Total Lift Capacity:** 15,500 lbs.
- **Voltage:** 12 Volts
- **Item Weight:** 350 pounds
- **Product Dimensions:** 49 x 49 x 15 inches (packaging/shipping dimensions)
- **Technology:** Hall Effect Technology for accurate leveling
- **Features:** Auto-level, Auto-hitch memory, Manual access ports

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Lippert Components directly. Refer to the official Lippert Components website or your purchase documentation for the most current warranty terms and contact details.

Manufacturer: Lippert Components

Website: www.lci1.com (Example link, actual link may vary)

