

Lippert Components 672136

Lippert Ground Control TT 5-Point Automatic RV Travel Trailer Leveling System

MODEL: 672136

Manufacturer: Lippert Components

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the Lippert Ground Control TT 5-Point Automatic RV Travel Trailer Leveling System. This system is designed to provide automatic, one-touch leveling and stabilization for your travel trailer, enhancing your camping experience.

The Ground Control TT system utilizes four rear power jacks and one power tongue jack, all controlled by an intuitive touchpad. It incorporates Hall Effect technology for precise leveling and includes features like re-hitch memory for convenience.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before installing or operating this product. Failure to follow these instructions could result in serious injury or property damage.

- Ensure the travel trailer is parked on a firm, level surface before operating the leveling system.
- Keep hands and feet clear of all moving parts during operation.
- Do not operate the system if anyone is underneath the trailer.
- Verify that the area around the jacks is clear of obstructions.
- Always disconnect shore power and the tow vehicle before performing maintenance or installation.
- In case of power failure, manual access ports are available for emergency operation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Four (4) TT Powerstance Jacks Components Kit
- One (1) Bolt-on Spacer Kit
- One (1) TT Electrical Leveling Kit 5 Touch Panel
- Two (2) 10-32 Keep Nuts for GC3.0 Circuit Board

- Eight (8) 8x1" Pan Phillips Screws
- Eight (8) 12x1" Hex Zinc Tek Screws

4. INSTALLATION

The Lippert Ground Control TT system is designed for easy bolt-on installation, requiring no welding. It is recommended to have the system installed by a qualified technician.

4.1 Jack Placement

The system includes four rear power jacks and one power tongue jack. Ensure proper placement according to the manufacturer's guidelines for optimal performance and stability.



Figure 4.1: Detailed view of a Ground Control TT jack assembly, showing the electric motor and yellow support arms.



Figure 4.2: A Ground Control TT jack shown fully extended, with its wide footpad resting on the ground.

4.2 Control Panel Mounting

The touchpad controller should be wall-mounted in an easily accessible location within the travel trailer. Connect the wiring harness as per the detailed wiring diagram provided in the full installation manual.

INNOVATIVE TECHNOLOGY

Includes touchpad controller



Representative Image



Figure 4.3: The user-friendly touchpad controller for the Ground Control TT system.



Figure 4.4: The control panel circuit board, part of the electrical leveling kit.

5. OPERATION

The Ground Control TT system offers automatic and manual leveling functions via its touchpad controller.

5.1 Automatic Leveling

To initiate automatic leveling, ensure the trailer is disconnected from the tow vehicle and the parking brake is engaged. Press the **AUTO LEVEL** button on the touchpad. The system will automatically extend and retract the jacks to achieve a level position.

5.2 Hitch Height Memory

The system features an automatic re-hitch memory function. Before unhooking from your tow vehicle, the system records the current hitch height. When you are ready to re-hitch, press the **HITCH HEIGHT** button, and the system will return the tongue jack to the stored position, simplifying the re-connection process.

5.3 Manual Operation

In situations where automatic leveling is not desired or in the event of a system fault, individual jacks can be operated manually using the directional arrows on the touchpad. Refer to the full user manual for detailed manual operation procedures.

5.4 OneControl Technology Compatibility

If your travel trailer is equipped with a Lippert OneControl system and you have Wi-Fi access, you can operate the Ground Control TT system directly from your smartphone.

5.5 System Overview Video

Your browser does not support the video tag.

This video provides an overview of the Lippert Ground Control TT and Ground Control 3.0 leveling systems, demonstrating their automatic leveling capabilities and ease of use for travel trailers and 5th wheels.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ground Control TT system.

- **Inspect Jacks:** Periodically check all jacks for signs of damage, corrosion, or wear. Ensure all mounting hardware is secure.
- **Clean Components:** Keep the jack legs and footpads clean from dirt, mud, and debris.
- **Lubrication:** Lubricate moving parts of the jacks as recommended in the comprehensive Lippert maintenance guide.
- **Electrical Connections:** Inspect all electrical connections for corrosion or loose wiring.
- **Manual Access Ports:** Familiarize yourself with the location and operation of the manual access ports on the jack motors for emergency use.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Ground Control TT system.

7.1 System Not Responding

- Check battery voltage. Low voltage can prevent system operation.
- Ensure all power connections are secure and free of corrosion.
- Verify that the system's circuit breaker has not tripped.

7.2 Jacks Not Extending/Retracting Evenly

- The system uses Hall Effect technology for precise measurement; however, extreme uneven terrain can sometimes affect initial leveling.
- Ensure the ground beneath each jack is firm and stable.
- If issues persist, consult the full manual for calibration procedures or contact customer support.

7.3 Error Codes on Touchpad

Refer to the detailed error code list in your complete user manual for specific diagnostic steps. Each code corresponds to a particular issue within the system.

8. SPECIFICATIONS

Feature	Specification
Model Number	672136
Vehicle Service Type	Travel Trailer
Load Capacity (GVWR)	10,000 Pounds
Material	Alloy Steel
Color	Black
Item Weight	300 Pounds
Item Dimensions (L x W x H)	48 x 48 x 17 inches (packaged)
Leveling Points	5-Point (4 rear, 1 tongue)
Technology	Hall Effect

9. WARRANTY AND SUPPORT

The Lippert Ground Control TT 5-Point Automatic RV Travel Trailer Leveling System comes with a **1-Year Manufacturer Warranty**. For warranty claims, technical assistance, or to purchase replacement parts, please contact Lippert Components customer support directly. Always refer to the official Lippert Components website or the comprehensive manual included with your product for the most up-to-date warranty information and support contacts.

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.

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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.

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