

Camco TR3 (48900-A)

Camco Eaz-Lift TR3 Weight Distribution Hitch Kit with Dynamic Sway Control (1000 lb)

Model: TR3 (48900-A)

INTRODUCTION

The Camco Eaz-Lift TR3 Weight Distribution Hitch is designed to enhance towing stability and control for travel trailers. This system integrates weight distribution with consistent sway control to provide a balanced and stable towing experience. The TR3 system is engineered to distribute the trailer's tongue weight evenly across the tow vehicle and trailer axles, reducing sag in the tow vehicle's rear and improving steering and braking performance. Its dynamic sway control mechanism offers adjustable resistance to minimize trailer sway during travel.

SETUP INSTRUCTIONS

Proper installation of the Eaz-Lift TR3 Weight Distribution Hitch is crucial for safe and effective operation. This section outlines the general steps for setting up your hitch. It is recommended to consult the detailed instruction manual provided with your kit for specific measurements and torque specifications.

Components Included

- (1) Camco Eaz-Lift TR3 1,000lb Weight Distribution Hitch Kit
- Hitch head with pre-installed 2 5/16" hitch ball
- Weight distribution spring bars (rated for 1000 lb tongue weight)
- Adjustable hookup brackets
- Mounting hardware and pins

Installation Overview

1. **Prepare Tow Vehicle and Trailer:** Park the tow vehicle and trailer on a level surface. Ensure the trailer is level and supported.
2. **Install Hitch Head:** Insert the hitch shank into the receiver of your tow vehicle and secure it with the appropriate pin. The hitch ball is pre-installed on the hitch head.
3. **Attach Spring Bars:** The straight, roll-tapered spring bars are designed to load from the side. Attach them to the hitch head according to the manufacturer's instructions.

4. **Mount Hookup Brackets:** Position the adjustable hookup brackets on the trailer frame. These brackets can be adjusted to work around obstructions such as propane tanks or battery mounts. Secure them firmly.
5. **Connect Spring Bars to Brackets:** Lift the spring bars and connect them to the hookup brackets. This process may require a specialized tool or the use of the trailer jack to raise the trailer tongue slightly to reduce tension.
6. **Initial Adjustments:** Perform initial adjustments to the hitch head angle and spring bar tension to achieve proper weight distribution and trailer leveling. This often involves measuring the height of the front and rear of the tow vehicle and the trailer before and after hitching. A torque wrench capable of 260 ft-lb may be required for certain fasteners.



Image: The Eaz-Lift TR3 hitch installed on a trailer, demonstrating the connection points and overall setup.

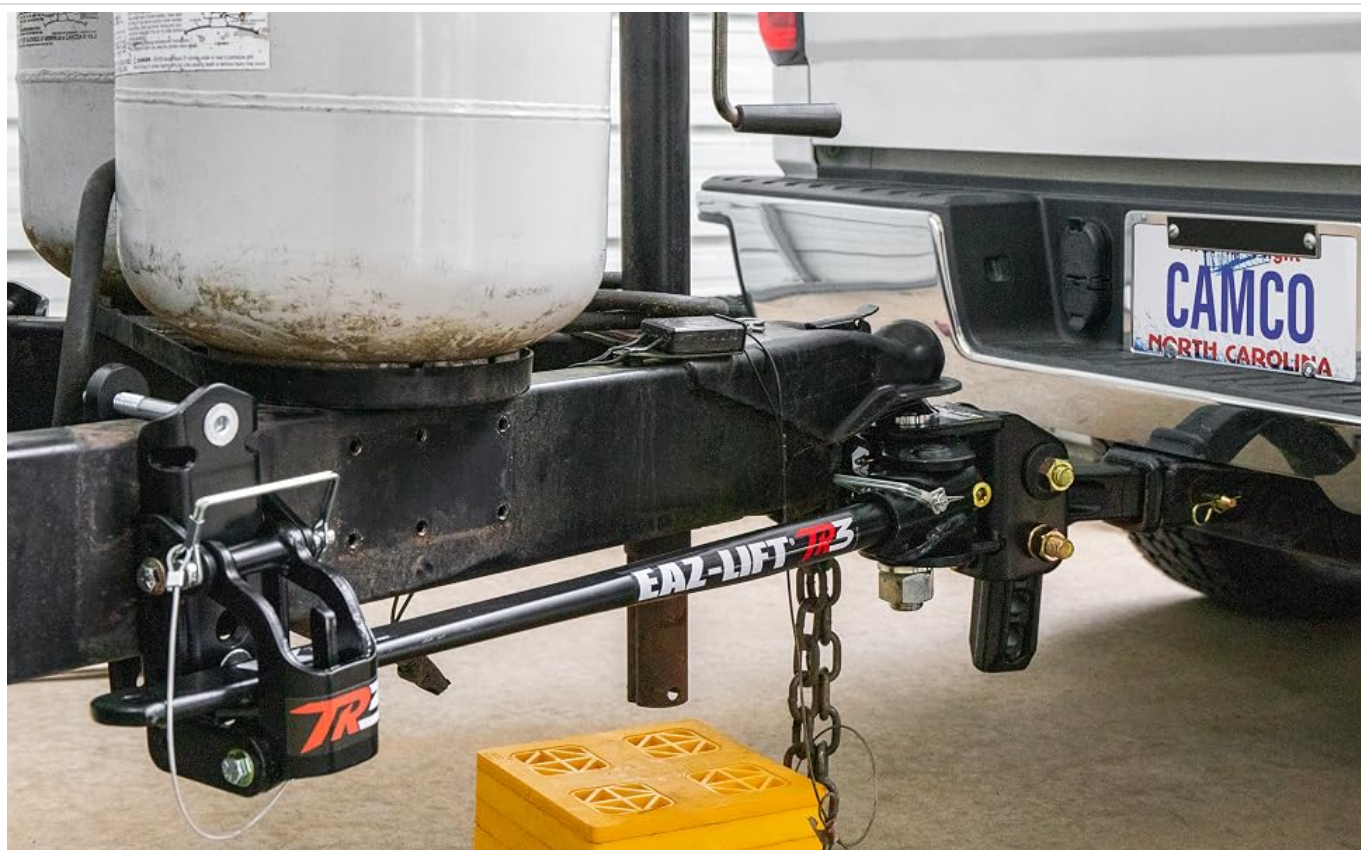


Image: A complete view of the Camco Eaz-Lift TR3 Weight Distribution Hitch Kit, showing all major components laid out.

OPERATING INSTRUCTIONS

The Eaz-Lift TR3 features patented Consistent Sway Control technology, providing constant sway resistance that can be adjusted as needed.

Sway Control Engagement and Adjustment

- The sway control mechanism operates independently of tongue weight, offering consistent resistance.
- Sway resistance can be adjusted by turning a bolt on the sway control unit. Refer to your manual for specific adjustment procedures.
- The system automatically engages past a 5-degree angle, maintaining steady control during highway towing.

Disengaging Sway Control

For specific situations, the sway control system can be disengaged:

- **Low-Speed Driving:** Disengage the sway control when driving at low speeds, such as in campgrounds or parking lots, to allow for easier maneuvering.
- **Adverse Conditions:** It is recommended to disengage the sway control when navigating icy or slippery road conditions to prevent interference with vehicle handling.

Backing Up

The TR3 hitch allows for backing up without the need to disengage the sway control, ensuring seamless operation.



Image: Detail of the hitch head with the integrated sway control, highlighting the adjustment bolt.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Eaz-Lift TR3 Weight Distribution Hitch.

- **Inspection:** Periodically inspect all components for signs of wear, damage, or corrosion. Pay close attention to the spring bars, hitch head, and hookup brackets.
- **Cleaning:** Keep the hitch components clean from dirt, grime, and road debris. Use a mild detergent and water, then dry thoroughly.
- **Lubrication:** Lubricate moving parts as recommended in your product manual. The TR3 incorporates brake pad material on the center spindle for quiet operation; inspect this material for wear and replace if necessary. Precision reamed bearings allow smooth rotation around the hitch ball; ensure these are free of debris and functioning correctly.
- **Fastener Torque:** Regularly check the torque of all bolts and nuts to ensure they meet the manufacturer's specifications. Loose fasteners can compromise safety and performance.

TROUBLESHOOTING

This section addresses common issues that may arise during the use of your Eaz-Lift TR3 hitch.

Problem	Possible Cause	Solution
Excessive Trailer Sway	Incorrect sway control adjustment; improper weight distribution; worn components.	Adjust the sway control bolt for increased resistance. Re-evaluate weight distribution settings. Inspect sway control components for wear.
Tow Vehicle Rear Sagging	Insufficient weight distribution; spring bars not properly tensioned.	Increase spring bar tension by adjusting the hookup brackets or hitch head angle. Ensure spring bars are correctly installed.

Problem	Possible Cause	Solution
Unusual Noises (Clunking/Creaking)	Lack of lubrication; worn components; loose fasteners.	Lubricate all pivot points and contact surfaces as per manual. Inspect for worn parts and tighten all fasteners to specified torque. The TR3 is designed for quiet operation, so investigate any persistent noises.
Difficulty Engaging/Disengaging Spring Bars	Excessive tension; improper hitch height.	Use the trailer jack to slightly raise the trailer tongue and tow vehicle rear to relieve tension on the spring bars during connection/disconnection. Ensure the hitch height is correctly set.

SPECIFICATIONS

Feature	Detail
Brand	Camco
Model Number	48900-A
Item Weight	110 Pounds
Vehicle Service Type	Trailer
Material	Blend
Finish Type	Brushed
Pull Force (Tongue Weight Capacity)	1000 Pounds
GTIN / UPC	014717489003
Included Components	(1) Camco Eaz-Lift TR3 1,000lb Weight Distribution Hitch Kit

WARRANTY INFORMATION

The Camco Eaz-Lift TR3 Weight Distribution Hitch Kit is covered by a **Limited 5 Year Manufacturer Warranty**. This warranty typically covers defects in materials and workmanship under normal use. For specific terms, conditions, and claim procedures, please refer to the warranty documentation included with your product or contact Camco customer support.

CUSTOMER SUPPORT

If you require assistance with installation, operation, maintenance, or troubleshooting that is not covered in this manual, please contact Camco customer support. Have your product model number (TR3, 48900-A) and purchase information ready when you call or email.

For the most current contact information, please visit the official Camco website or refer to the packaging materials.

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