

## Eaz-Lift 48782

# Eaz-Lift ReCurve R3 Weight Distribution Hitch User Manual

Model: 48782

Brand: Eaz-Lift

## INTRODUCTION

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The Eaz-Lift ReCurve R3 Weight Distribution Hitch is designed to enhance your towing experience by providing superior control, comfort, and confidence. This system ensures a safe and level setup for your RV or camper, offering greater command during travel. It features patented adjustable sway control technology and top-loading spring bars for ease of use and improved ground clearance.

## SAFETY INFORMATION

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**WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

- Always ensure all components are securely fastened before towing.
- Do not exceed the maximum tongue weight rating of 1000 lbs or the maximum gross trailer weight rating (GTWR) of 10,000 lbs.
- The sway control system can be disengaged during low-speed driving or when navigating icy or slippery conditions to prevent interference.
- Regularly inspect the hitch for wear, damage, or loose fasteners.
- Refer to your vehicle and trailer manufacturer's manuals for additional towing guidelines and safety precautions.

## PARTS LIST

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The Eaz-Lift ReCurve R3 Weight Distribution Hitch includes the following main components:

- Hitch Head Assembly with 2-5/16" Hitch Ball
- (2) Weight Distribution Spring Bars (ReCurve R3)
- (2) Frame Mounting Brackets
- (2) Sway Control Brake Pads
- All necessary fasteners and pins
- Installation Tool (for tensioning spring bars)



Image: All components of the Eaz-Lift ReCurve R3 Weight Distribution Hitch laid out. This image displays the hitch head, two spring bars, two frame mounting brackets, and various bolts and pins required for assembly.

## SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your Eaz-Lift ReCurve R3 hitch.

1. **Attach Hitch Head to Tow Vehicle:** Secure the hitch head assembly to your tow vehicle's receiver. Ensure the 2-5/16" hitch ball is properly torqued.
2. **Connect Trailer:** Lower your trailer coupler onto the hitch ball and secure it.
3. **Install Frame Brackets:** Position the frame mounting brackets on the trailer frame. These brackets should be placed according to the instructions in the full manual, typically near the trailer's A-frame.
4. **Attach Spring Bars:** The ReCurve R3 features top-loading spring bars. Lift the trailer tongue using the trailer jack to relieve tension. Insert the rounded end of each spring bar into the designated slot on the hitch head assembly.
5. **Engage Spring Bars with Frame Brackets:** Align the other end of the spring bar with the frame mounting bracket. The spring bar will rest on the brake pad within the bracket.
6. **Secure Spring Bars:** Lower the trailer tongue until the spring bars are under tension and fully seated in the frame brackets. If necessary, use the provided tool to lever the bars into place.
7. **Adjust Sway Control:** The ReCurve R3 offers adjustable sway control. Refer to the full manual for detailed instructions on how to adjust the sway control mechanism by turning the bolt to achieve the desired level of resistance.



Image: The Eaz-Lift ReCurve R3 Weight Distribution Hitch shown installed on a trailer, demonstrating the connection points and the position of the spring bars.

## OPERATING INSTRUCTIONS

Once installed, the ReCurve R3 hitch works to distribute weight evenly between your tow vehicle and trailer, reducing sway and improving handling.

### Towing

- Ensure all connections are secure and the spring bars are properly engaged before beginning your journey.
- The patented sway control provides constant resistance during normal towing.

- For low-speed maneuvers, backing up, or driving in icy/slippery conditions, the sway control can be disengaged by adjusting the mechanism. This prevents undue stress on the system and allows for easier articulation.
- Always drive at appropriate speeds and be mindful of road conditions when towing.

## Disconnecting

- Park on a level surface.
- Lift the trailer tongue using the trailer jack until tension is released from the spring bars.
- Carefully remove the spring bars from the frame brackets.
- Disconnect the trailer coupler from the hitch ball.

## MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your Eaz-Lift ReCurve R3 hitch.

- **Inspection:** Before each trip, inspect all components for signs of wear, cracks, bends, or corrosion. Check all bolts and nuts for tightness.
- **Cleaning:** Keep the hitch head, spring bars, and frame brackets clean from dirt, mud, and road grime. A simple wipe-down with a damp cloth is usually sufficient.
- **Lubrication:** The ReCurve R3's design minimizes the need for greasing. However, periodically check the hitch ball and any pivot points for smooth operation. Apply a light coat of grease if necessary, avoiding the sway control brake pads.
- **Storage:** When not in use, store the hitch in a dry, protected area to prevent rust and corrosion.

## TROUBLESHOOTING

Here are some common issues and their potential solutions:

| Problem                                     | Possible Cause   | Solution   |
|---|--|--|
| Excessive Sway                              | Insufficient sway control, improper weight distribution, overloaded trailer. | Adjust sway control tension. Re-evaluate trailer loading and weight distribution. Ensure hitch is properly rated for load. |
| Difficulty Engaging/Disengaging Spring Bars | Too much tension, improper angle.  | Use trailer jack to lift tongue and relieve tension. Ensure tow vehicle and trailer are aligned.                           |

| Problem                      | Possible Cause                            | Solution  |
|------------------------------|---|---|
| Noise<br>(Clunking/Creaking) | Metal-on-metal contact, dry pivot points. | The ReCurve R3 is designed for quiet operation. Ensure all components are clean and properly seated. Check for loose bolts. |

## SPECIFICATIONS

| Feature                        | Specification                  |
|--------------------------------|--------------------------------|
| Brand                          | Eaz-Lift                       |
| Model                          | 48782                          |
| Item Weight                    | 89 Pounds                      |
| Vehicle Service Type           | Trailer                        |
| Material                       | Blend (High-carbon steel)      |
| Finish Type                    | Powder Coated                  |
| Maximum Towing Capacity (GTWR) | 10,000 Pounds                  |
| Maximum Tongue Weight          | 1,000 Pounds                   |
| Hitch Ball Size                | 2-5/16" (15,000 lb max rating) |
| Product Dimensions             | 10.75 x 35 x 11 inches         |

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Eaz-Lift website or contact the retailer where you purchased the product. Keep your proof of purchase for any warranty claims.

