

R O A D M A S T E R

Always Setting New Standards for the Towing Industry



**TOW BAR RATED
8000 LBS.**

EAGLE 8000

MOTORHOME MOUNTED TOW BAR

CONGRATULATIONS!

YOU HAVE PURCHASED THE FINEST TOW BAR MADE

IMPORTANT DOCUMENT

PACKET TO BE REMOVED BY VEHICLE OWNER **ONLY**

CONTAINS:

**WARRANTY & REGISTRATION CARD
OPERATING INSTRUCTIONS &
INFORMATION PERTAINING TO THE
PROPER USE OF THIS PRODUCT**

CONTENTS MUST BE READ BY OWNER

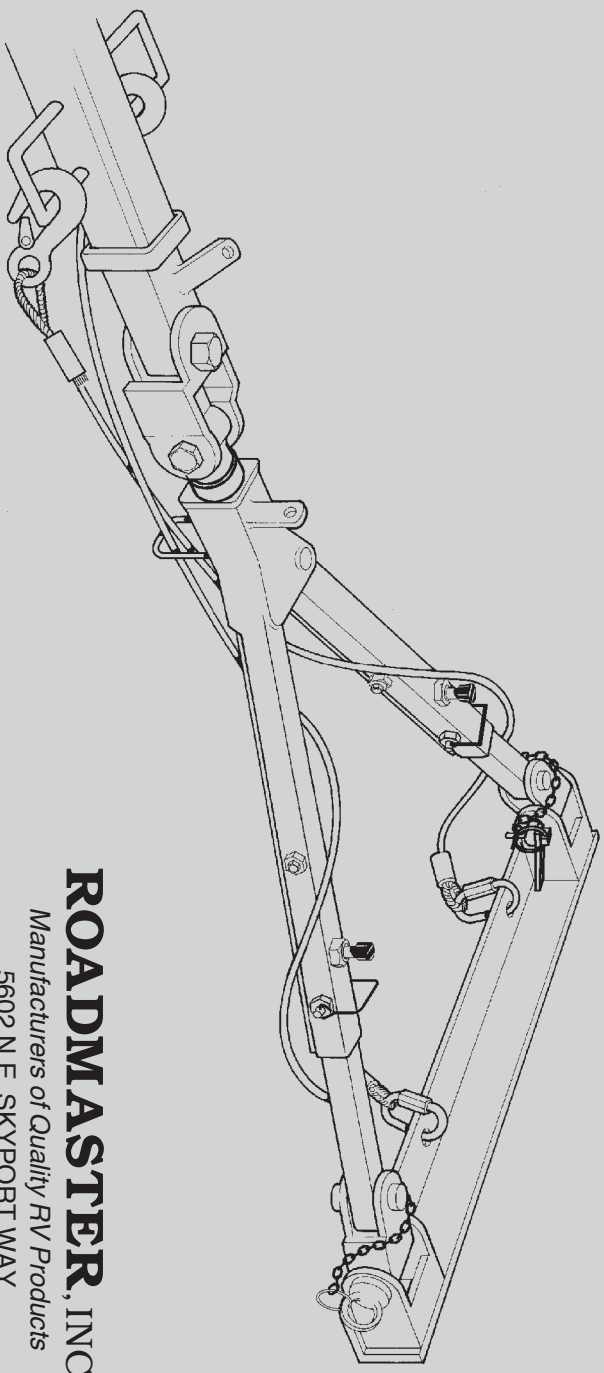
**IMPROPER INSTALLATION, USE OR MAINTENANCE MAY RESULT
IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE.
ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT
NOTICE.**

ROADMASTER, INC.

Manufacturers of Quality RV Products

R
O
A
D
M
A
S
T
E
R

Always Setting New Standards for the Towing Industry



ROADMASTER, INC.

Manufacturers of Quality RV Products

5602 N.E. SKYPORT WAY
PORTLAND, OR 97218
1-800-669-9690

ROADMASTER LIMITED WARRANTY

*Congratulations on your new **EAGLE8000** tow bar...and **THANK YOU**. You have purchased the finest tow bar made...bar none! Quality materials, computer technology and our reputation for craftsmanship have gone into each of our precision folding tow bars. Each of our products is designed for safe, trouble-free towing. Your safety is important to us. This booklet was written with your safety in mind.*

*Before using your tow bar, read this booklet. Understand how to install & maintain your tow bar and carefully follow all the instructions and safety precautions. **Remember, proper installation and use of the product is the sole responsibility of the purchaser. Improper installation, use or maintenance may result in death, personal injury, property damage or an accident.***

*A good time to check your mounting brackets is during your regular vehicle maintenance check-ups such as an oil change, brake check or tire rotation. Don't forget to keep your tow bar clean and lubricated on a regular basis. We offer a silicone spray specifically for this purpose. Using our vinyl tow bar cover will help keep your tow bar free from dirt and road grime assuring easy hook-up and operation. **Safety cables or chains are required by law in most states.** Follow our safety cable installation in this booklet.*

*Finally, don't forget to **fill-out and mail back your warranty card.** It's important to register your tow bar with us and if you mail your warranty card within 30 days of the purchase date, we'll extend your warranty to a total of two years at no additional charge.*

ROADMASTER, Inc. warrants to the original retail purchaser-consumer of this product that such product when used for its normal intended purposes is free of defects in workmanship and materials. This warranty, together with any and all warranties implied by law, shall be limited to a duration of one (1) year from the date of purchase by the original retail purchaser-consumer and is not transferable.

This warranty only covers failures due to defects in materials or workmanship which occur during normal and proper use and does not cover damage which occurs in shipment, backing up with" towed" vehicle attached or failures which are caused by products not supplied by ROADMASTER, Inc. or failures which result from normal wear, misuse, abuse, neglect, mishandling, misapplication, faulty installation, setup adjustments, improper maintenance, alteration, maladjustment, modification, commercial use or service of the product by anyone other than ROADMASTER, Inc.. Furthermore, this warranty does not apply to any product or material or part which has been installed, maintained or used contrary to the operating, maintenance or installation instructions and shall not apply to any parts or materials used in the installation that were not supplied with the product in the original carton or to any damage which said parts or materials may cause.

THIS WARRANTY DOES NOT COVER, AND IS INTENDED TO EXCLUDE, ANY LIABILITY ON THE PART OF ROADMASTER, INC., WHETHER UNDER THIS WARRANTY OR UNDER ANY WARRANTY IMPLIED BY LAW, FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

RESPONSIBILITY OF ROADMASTER, INC.

With proof of date of purchase by the consumer, ROADMASTER's responsibility under this warranty shall be limited to the repair or replacement (at its option) of any product or part which is actually defective at no charge to the consumer except for shipping and/or mailing charges. In no event shall ROADMASTER's liability under any claim or theory exceed the purchase price of the equipment in respect of which damages are claimed. No agent, representative, dealer or employee has the authority to alter or increase the obligations or limitations of this warranty. All specifications are subject to change without notice.

RESPONSIBILITY OF THE PURCHASER

In order to qualify for this warranty, the purchaser must completely fill out and, within thirty (30) days of purchase, send to ROADMASTER, Inc. the attached warranty registration card. The purchaser must contact ROADMASTER, Inc. prior to returning any product so that ROADMASTER may determine the nature and extent of the claim and to obtain a return authorization number. Returned products must include the return authorization number and a copy of the sales slip as proof of purchase. The date of purchase must coincide with the original warranty registration card on file. If return of the product is required, it must be shipped prepaid UPS to ROADMASTER, Inc. at the address listed below.

ROADMASTER, INC.

5602 N.E. SKYPORT WAY PORTLAND, OR 97218

1-800-669-9690

ROADMASTER, INC.

ROADMASTER

FREE BONUS

EXTENDED WARRANTY

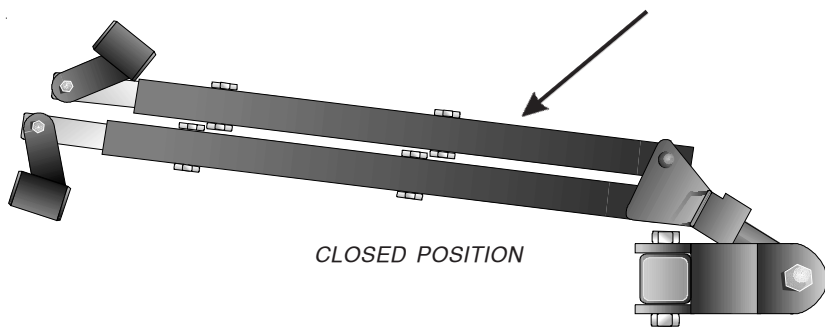
If you fill out & mail the warranty registration card within thirty (30) days from the date of purchase, we will extend the coverage to a total of **TWO (2) years** at no extra charge.

Your warranty registration is an important record for **ROADMASTER** to keep in touch with you. It also enables us to expedite any future claim, update or recall that may arise concerning our products.

IMPORTANT FILL OUT - TEAR OFF & MAIL WITHIN 30 DAYS FOR THE EXTENSION

CAN'T LOCATE YOUR TOW BAR SERIAL NUMBER?

YOUR TOW BAR SERIAL NUMBER IS ON A METAL LABEL LOCATED ON THE PASSENGER SIDE OF YOUR TOW BAR. YOU WILL NEED THAT NUMBER WHEN YOU FILL OUT YOUR TOW BAR WARRANTY INFORMATION.



SERIAL NUMBER # _____

Always Setting New Standards for the Towing Industry

R O A D M A S T E R



IMPORTANT

**MAKE SURE THAT YOU ARE USING
8,000 lb. RATED MOUNTING BRACKETS
& SAFETY CABLES.**

**DO NOT ATTEMPT TO TOW A VEHICLE WITH
MOUNTING BRACKETS OR SAFETY CABLES
RATED LESS THAN 8,000 LBS.**

This booklet contains information concerning:

- **THANK YOU & INTRODUCTION** inside front cover
- **TABLE OF CONTENTS** pg. 1
- **10 MUSTS FOR TOWING SAFETY** pg. 2
- **INSTALLER MUSTS FOR TOWING SAFETY** pg. 3
- **INSTALLATION INSTRUCTIONS** pg. 4
- **HOOK-UP INSTRUCTIONS** pg. 5-6
- **SAFETY CABLE INSTALLATION** pg. 6
- **CAUTION NOTICES** pg. 7
- **CARE & CLEANING** pg. 8
- **ROADMASTER PRODUCTS** pg. 9-10
- **WARRANTY INFORMATION** pg. 11
- **FREE BONUS INFORMATION** pg. 12
- **ROADMASTER WARRANTY** inside back cover

ROADMASTER, INC.
Manufacturers of Quality RV Products

10 MUSTS FOR TOWING SAFETY

1. ON LEVEL GROUND, DO NOT TOW IF TOW BAR IS OVER 6 INCHES OFF LEVEL IN EITHER DIRECTION.

Towing with too much of an upward or downward slope of the tow bar puts undue strain on the tow bar.

2. STEERING MUST BE UNLOCKED AND FREE TO TURN WHEN TOWING

Failure to do so can result in severe tire and equipment damage. Steering wheel must be free to turn when towing.

3. DRIVER MUST NOT BACK UP MOTORHOME WITH VEHICLE ATTACHED

Backing up with towed vehicle attached easily causes the vehicle to "jack-knife" and will damage the tow bar, mounting bracket, hitch, the towed vehicle front end and/or rear of the motorhome. This is the primary cause of tow bar "A" frame damage and will void the warranty.

4. THE TOW BAR MUST BE SECURED WITH LINCH PINS AND/OR PADLOCKS BEFORE TOWING

Unless the tow bar is secured to both vehicles with all designated linch pins and/or padlocks, you will lose your towed vehicle.

5. OWNER MUST KEEP THE TOW BAR CLEAN AND WELL LUBRICATED

As is the case with most precision equipment, frequent cleaning and care results in better prolonged service. Details for cleaning & lubricating your **EAGLE** tow bar are outlined in the section titled "**Care and Cleaning**" (pg. 8).

6. OWNER MUST INSPECT ALL MOUNTS, BRACKETS AND FASTENERS

Frequent inspection of ALL bolts and metal components is necessary to avoid problems on the road. Frequency is determined by the hazardous road conditions, climate and amount of towing you do.

7. OWNER MUST FILL OUT & MAIL THE WARRANTY REGISTRATION CARD

It is IMPORTANT that you send in a completely filled out registration card as soon as possible. The information is needed in case we must contact you for updates, recalls and to verify your warranty.

8. OWNER MUST CHECK MANUFACTURER'S INSTRUCTIONS FOR TOWING

Some vehicles require a transmission lube pump, axle disconnect, driveline disconnect or free-wheeling hubs to tow without damaging equipment. Failure to properly equip vehicle will result in severe damage to the transmission. Steering wheel must be unlocked for towing. Check manufacturers specifications for the proper procedure to prepare vehicle for towing. Be sure your vehicle is towable before taking it on the road.

9. OWNER MUST NEVER TOW VEHICLE WITH A LIGHTER VEHICLE

Towing a vehicle equipped with a tow bar using a lighter weight vehicle as the tow vehicle will cause the rear vehicle to over-ride the front vehicle, resulting in "jack-knifing", "leap-frogging", "fish-tailing" or other damage provoking predicament. Serious damage to both vehicles and the towing system equipment could result.

10. OWNER MUST ALWAYS USE SAFETY CABLES OR CHAINS WHEN TOWING

See page 6 for a detailed explanation.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE

WARRANTY INFORMATION

Please FILL OUT COMPLETELY. This information is a duplicate of the warranty card you filled out and sent to us. It will enable you and the factory to expedite any future claim that may arise.
THANK YOU.

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: () _____

DATE: _____

TOW BAR
PURCHASED
FROM: _____

Dealer Name

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PURCHASE PRICE : \$ _____

TOW BAR SERIAL # : _____

VEHICLE TO BE TOWED:

MAKE: _____ YEAR: _____

MODEL: _____

SHIFT:
AUTOMATIC STANDARD 4WD

TOWING VEHICLE INFORMATION: (e.g. MOTORHOME)

MAKE: _____ CLASS: _____

MODEL NAME: _____ YEAR: _____

INSTALLER INFORMATION:

BUS. NAME: _____

ADDRESS: _____

CITY: _____ ST: _____ ZIP: _____

PHONE: () _____

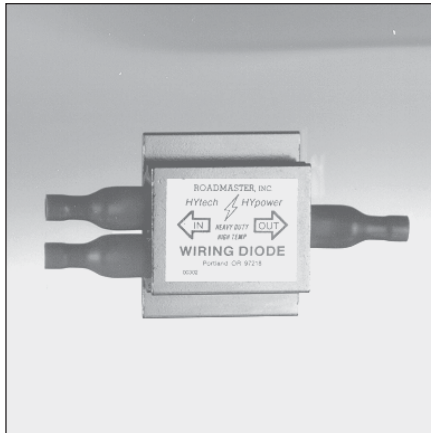
ROADMASTER, INC.

5602 N.E. SKYPORT WAY PORTLAND, OR 97218

1-800-669-9690

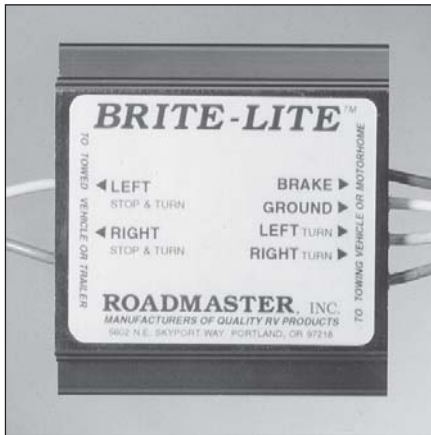
HY-POWER™ DIODES

By preventing electrical feedback, **ROADMASTER's HY-POWER™** diodes allow you to splice into the tow car's wiring system without damaging expensive electronic dash components. Reduces wiring hassles & converts from American to foreign wiring. Heavy-duty 85 amp rating and 350° tolerance guarantee trouble-free operation. Two pack required for most vehicles.



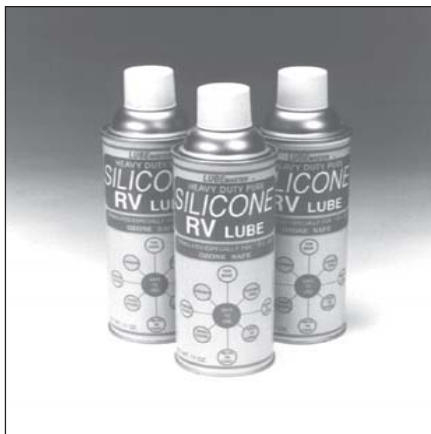
BRITE-LITE™ 3 TO 2 WIRE CONVERTER

The **BRITE-LITE™** is designed to convert a 3-wire (amber turn) towing vehicle to a 2-wire trailer or towed vehicle. Laboratory comparisons show the **ROADMASTER HEAVY-DUTY BRITE-LITE™** makes turn signals 65% brighter and brake lights 25% brighter than other brands. The **BRITE-LITE™** can help prevent rear-end collisions when traffic is heavy or under adverse road conditions.



LUBEMASTER™ 100% PURE SILICONE SPRAY

A 100% pure silicone spray that is odorless and safe. Recommended for use on the **EAGLE** tow bar. Wet lubricants attract dirt, debris and road film. **LUBEMASTER™** is a dry lubricant and won't attract debris that can cause binding. **LUBEMASTER™** has hundreds of other applications for the RV owner. Large 11 oz. can.



INSTALLER MUSTS FOR SAFETY

- 1. INSTALLER MUST SHOW OWNER HOW TO OPERATE THE TOW BAR PROPERLY**
Carefully read the section "Hook-up Instructions" and familiarize yourself with the features of the tow bar. Demonstrate it and have the owner do a few "practice runs" himself. You not only impress him with your thoroughness, but will start him off on a safer and happier towing experience.
- 2. INSTALLER MUST CAUTION OWNER TO USE A HITCH OR RECEIVER ON THE MOTORHOME THAT IS RATED AT 8,000 LBS.**
- 3. INSTALLER MUST CAUTION OWNER TO SECURE TOW BAR TO BOTH VEHICLES WITH DESIGNATED LINCH PINS AND/OR PADLOCKS.**
Unless all the required pins/padlocks are used to secure the tow bar to both vehicles, the owner *will* lose his towed vehicle.
- 4. INSTALLER MUST BOLT THE EAGLE BASE TO A 8,000 LB. RATED MOUNTING BRACKET ATTACHED TO THE TOW VEHICLE'S FRAME OR UNIBODY.**

The **EAGLE** tow bar is designed as a bolt-on device only. Virtually all vehicles require a mounting bracket assembly that is connected safely to the frame, unibody or chassis and extends beyond the bumper. Using a 8,000 lb. rated mounting bracket kit designed by **ROADMASTER** takes the burden of doubt out of the installer's hands. **Under no circumstances should the tow bar be welded to the vehicle, nor should any of the pre-punched mounting holes be altered.** In fact, any welding or altering of the tow bar will void the Owner's Warranty.

- 5. INSTALLER MUST ADVISE OWNER TO USE 8,000 LB. RATED SAFETY CABLES**
Frame to frame safety cable or chain hook-up is legal in ALL states that require them. Although chains are acceptable, most towing veterans prefer cables. Cables are easier, cleaner and lighter to handle and are just as reliable as chains. **ROADMASTER** manufactures 8,000 lb. rated safety cables with single and double hooks. Since laws vary state to state, check owner's home state regulations for exact requirements that may apply.
- 6. INSTALLER MUST STRESS IMPORTANCE OF OWNER SENDING IN WARRANTY**

New owners are to be urged to mail their **Warranty Registration Card** as soon as possible. This will enable **ROADMASTER** to expedite any claim or update important information concerning their **EAGLE** tow bar.

- 7. INSTALLER MUST READ INSTRUCTIONS THOROUGHLY BEFORE MOUNTING THE TOW BAR**
Proper mounting of the tow bar is of utmost importance. Proper centering and height positioning of the tow bar will give the owner a safe, dependable and trouble-free towing system.
- 8. INSTALLER MUST BE SURE THE VEHICLE IS SUITABLE OR ADAPTABLE FOR TOWING**

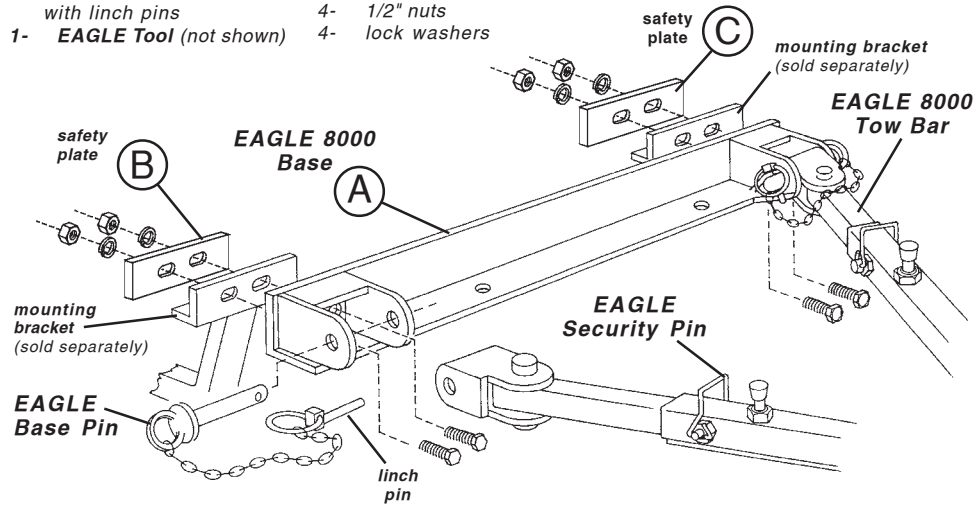
Not all vehicles can be safely towed as manufactured. A few models are not towable under any conditions and others with automatic transmissions require additional equipment such as a transmission lube pump, axle lock, driveline disconnect or free-wheeling hubs to make them towable. Failure to properly equip the towed vehicle will result in severe damage to the transmission. Also, the steering wheel **MUST** be unlocked for towing. Check manufacturer's specifications for the proper way to unlock the steering wheel.

EAGLE 8000

INSTALLATION INSTRUCTIONS

PARTS LIST:

- | | |
|---------------------------|------------------------|
| 1- EAGLE 8000 A-frame | 1- Receiver Pin & Clip |
| 1- EAGLE 8000 Base (A) | 1- Linch Pin |
| 2- EAGLE Security Pins | 2- Safety Plates (B&C) |
| 2- EAGLE 8000 Base Pins | 4- 1/2" x 1-1/2" bolts |
| with linch pins | 4- 1/2" nuts |
| 1- EAGLE Tool (not shown) | 4- lock washers |



1 Make sure that you are using a 8,000lb. rated mounting bracket. Take the **EAGLE 8000 Base**, "A", and attach it to the mounting brackets as shown in the drawing above, using the supplied 1/2" x 1-1/2" bolts, safety plates "B & C", lock washers and nuts. Tighten all bolts to 75 ft.lbs.



Installation of the **EAGLE 8000 Base** should look like the photo right. (Shown mounted on XL Series mounting bracket)

2 Before installing the tow bar, make sure that you are using a 8,000 lb. rated hitch/receiver. Now, insert **EAGLE 8000 Tow Bar** into the receiver on the motorhome and secure with hitch pin & pin clip as shown in the photo right. Follow the "HOOK-UP" instructions on the next page for a safe & proper hook-up.



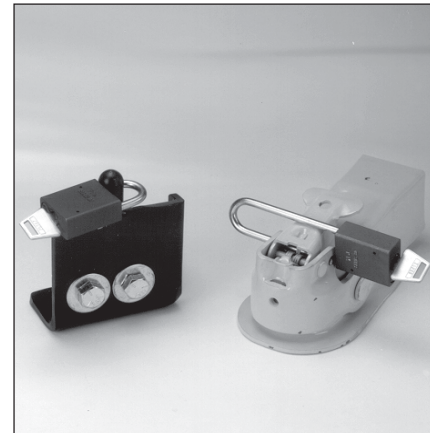
ROADMASTER SUGGESTS

VINYL TOW BAR COVER



Heavy-duty, black marine quality vinyl cover. Proudly displaying our **EAGLE** logo, this attractive, durable and "car wash" acceptable accessory will help keep your tow bar free from dirt and road grime.

TOW BAR PADLOCKS



Quick-Disconnect Padlocks replace quick-disconnect linch pins to discourage theft, tampering or accidental release. 1" hardened steel shackle, brass components and designed for outdoor use, these padlocks are available in single or double packs. **Coupler Padlock** secures coupler to hitch ball with 3" hardened steel shackle. Designed for outdoor use, padlock deters theft and accidental uncoupling. **3-pack** contains 2 quick disconnect padlocks and 1 coupler padlock all keyed alike.

SAFETY CABLES



Replace those heavy, clumsy chains! **ROADMASTER SAFETY CABLES** are light, easy to use, easy to keep clean and are designed to fold away with tow bar. Available in 5,000 lb. and 8,000 lb. rating, **ROADMASTER SAFETY CABLES** are made with vinyl coated galvanized steel braided cables and come with 2 quick links and are available with either 2 or 4 self-latching forged steel snap hooks.

EAGLE8000

CARE & CLEANING

Good equipment with moving parts, such as the **EAGLE** tow bar, requires lubricating and cleaning on a regular basis. When towing a vehicle at normal speeds, the tow bar is being subjected to "sand blasting" by road debris and particles of grit or dirt. The following tips will help you maintain the condition of your tow bar and prolong the life of your towing system.

- Clean the entire surface of the tow bar with WD-40® or a similar product. Spray an ample amount into the "wear points". Then completely wipe off the WD-40® with a clean dry cloth. Allow the "wear points" to drain and then wipe clean.

- Spray over the entire surface of the unit using a silicone lubricant such as **LUBEMASTER™**. Silicone lubricant will produce a protective film but will not attract dirt.

Proper cleaning and lubrication of the tow bar will help prevent corrosion on your tow bar and provide smooth operation.

NOTE: Silicone lubricant is safe for all painted surfaces and will help preserve the finish of the tow bar.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE

CAUTION!

NEVER BACK UP WHEN TOWING YOUR VEHICLE

Backing up while the towed vehicle is attached, will easily "jackknife" the vehicle being towed. This will result in damage to the towed vehicle, hitch, tow bar assembly, and/or motorhome.

ROADMASTER, Inc. assumes no responsibility for any damage that is caused by improper use. Backing up with a towed vehicle is considered "improper use".

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD CAUSE AN ACCIDENT, PROPERTY DAMAGE OR PERSONAL INJURY

EAGLE8000

HOOK-UP INSTRUCTIONS

IMPORTANT

MAKE SURE THAT YOU ARE USING 8,000 lb. RATED MOUNTING BRACKETS & SAFETY CABLES.

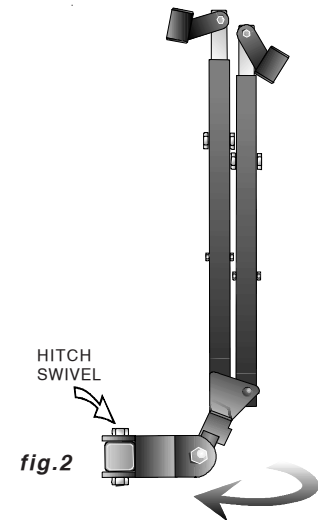
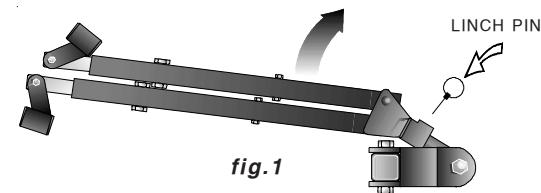
DO NOT ATTEMPT TO TOW A VEHICLE WITH MOUNTING BRACKETS OR SAFETY CABLES RATED LESS THAN 8,000 LBS.

STEP 1

Follow **Installation Instructions** to mount **EAGLE Base** to tow vehicle. (See fig.5)

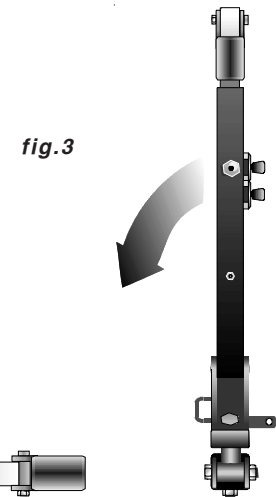
STEP 2

Insert **EAGLE** tow bar into receiver and secure with included hitch pin & pin clip.



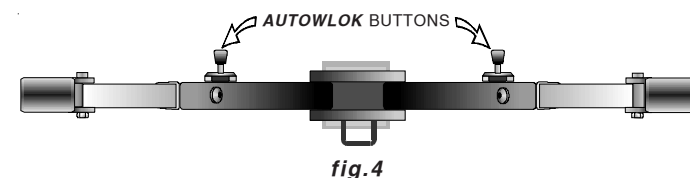
STEP 3

Stand in front of the tow bar (fig.1). Firmly hold both tow bar arms and lift to the vertical (12 o'clock) position (fig.2). Swivel arms until the hitch swivel is lined up with the receiver (fig.3).



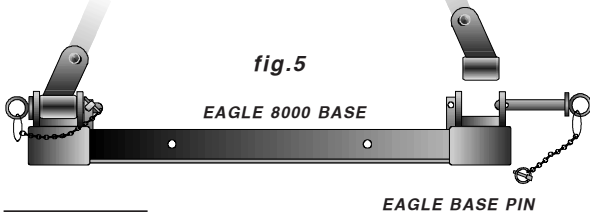
STEP 4

Lower both arms towards you and rotate counter-clockwise (fig.3), making sure the **AUTOWLOK** buttons are facing up (fig.4).



STEP 5

Swing both arms to the passenger side of the **EAGLE Base**. While holding both arms, insert the end of the passenger side arm into the tab on the **EAGLE Base** and insert **BASE PIN** (fig.5). Secure with the supplied linch pin (see photo) or optional padlock. Now, swing the driver's side arm to the driver's side tab and attach in the same manner to the **Base**. Your tow bar will center itself and the **AUTOWLOK System** will snap into position as you drive away. Once the **AUTOWLOK** is in position, secure each arm by locking the **EAGLE SECURITY PIN** into each arm (see photo). Don't forget to hook-up your electrical wiring and 8,000 lb. rated safety cables or chains.



STEP 6

To detach, simply remove the security pins and base pins, depress the **AUTOWLOK** buttons and reverse the hook-up steps: up, twist, swivel, down and secure with linch pin.

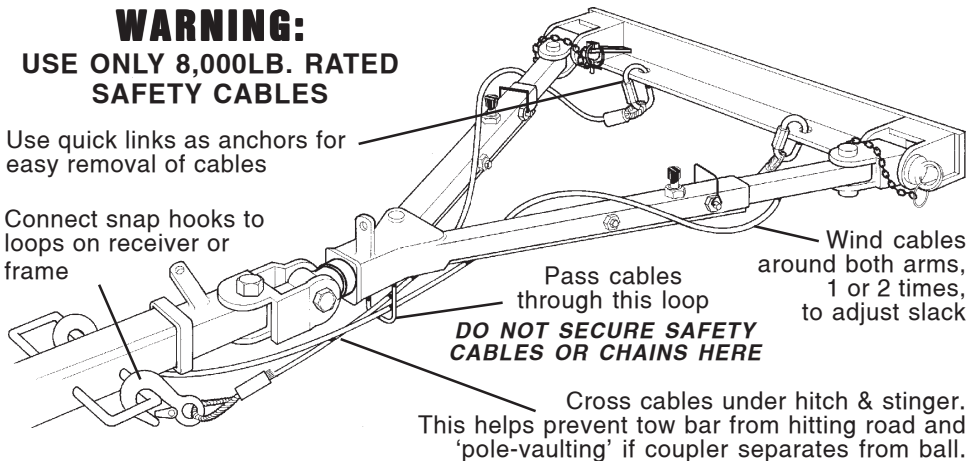
PROPER INSTALLATION OF SAFETY CABLES

WARNING:

USE ONLY 8,000LB. RATED SAFETY CABLES

Use quick links as anchors for easy removal of cables

Connect snap hooks to loops on receiver or frame



FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE

IMPORTANT

EAGLE Base Pins & EAGLE Security Pins

MUST BE INSTALLED

in the locations indicated in the photos below

EAGLE Base Pin with linch pin in locked position



EAGLE Security Pin



IMPORTANT

Do not tow a vehicle using mounting brackets, safety cables or a receiver rated less than the actual weight of your vehicle.

CAUTION

Follow safety cable information in warranty packet. **SAFETY CABLES MUST CONNECT THE TOWING VEHICLE TO THE TOWED VEHICLE FRAME TO FRAME.**

WARNING

If you use any kind of receiver extension, the tow bar **MUST** be no more than 3 inches off level. **DO NOT TOW** if the tow bar is more than 3 inches out of level while using a receiver extension. Extensions cause the towing system to swing much higher and lower going over dips. The enlarged arc of motion creates excessive strain on the tow bar, brackets and frame, which can cause the towing system to fail, resulting in property damage, personal injury or even death.

WARNING

Do not tow your vehicle until the tow bar is secure with all pins and/or locks. Unless your tow bar is secured to both vehicles with all designed pins and/or padlocks, you will lose your towed vehicle.

STAY WITHIN THE 'SAFE ZONE'



Towing with a motorhome-mounted tow bar which has an upward or downward slope puts undue strain on the entire towing system. **DO NOT TOW** if the tow bar is not within the 'Safe Zone' – no more than 3 inches above level or 4 inches below level. Towing a vehicle with a tow bar that is not within the Safe Zone will result in significant wear and tear on the tow bar and brackets, significant wear and tear on the vehicle's suspension and frame, and the eventual failure of your towing system.

To determine if your tow bar is within the Safe Zone – First, connect the motorhome and car on level ground. Measure the distance from the center of the motorhome receiver down to the ground. Then, measure the distance from the center of one of the base pins down to the ground.

Compare these two measurements. To be within the Safe Zone, they cannot be more than 3 inches apart if the base pin is above the motorhome receiver, or 4 inches apart if the base pin is below the motorhome receiver.

If your tow bar is not within the Safe Zone, you will need to change your hitching equipment to bring the tow bar within the Safe Zone.

Towing more than 3 inches above level or 4 inches below level will void the ROADMASTER Warranty.



WARNING

Failure to follow these instructions may result in property damage, personal injury or even death.