



## **STOWMASTER™ 5000**

*Precision Folding Tow Bar*



The Finest Tow Bars on the Planet

**Owner's Manual**

**THIS MANUAL MUST BE READ COMPLETELY BY OWNER**

Congratulations on your new **StowMASTER** 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 completely. Understand how to install and 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 property damage, personal injury or even death.**

A good time to inspect your tow bar 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 lubricate it on a regular basis. (See the section titled "Care and Cleaning.") 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 are required by law in most states.** Follow our safety cable installation instructions in this booklet.

To qualify for your Warranty you must completely fill out and return the enclosed product registration card within thirty (30) days of purchase. As a bonus, we'll extend your warranty to a total of two years at no additional cost, if we receive the enclosed product registration card within twenty (20) days of purchase.

We thank you for your patronage and greatly appreciate your discerning taste.

## **FREE EXTENDED WARRANTY**

You must accurately and completely fill out and mail the product registration card within thirty (30) days from the date of purchase to qualify for your warranty. **If we receive your card, completely and accurately filled out, within twenty (20) days from the date of purchase, we will extend the coverage to a total of TWO (2) years at no extra charge.**

Your product 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 and mail within 30 days of purchase to qualify for your warranty. To receive your free one-year extension, mail so that we receive it within 20 days of purchase.***

### **WARRANTY PROCEDURES**

For warranty service, see the ROADMASTER Limited Warranty for details.

#### **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 STOWMASTER tow bar.

You will need that number when you fill out your tow bar product registration card. For future reference, we suggest you write down the serial number below.



SERIAL NUMBER: \_\_\_\_\_

**ROADMASTER**

FREE BONUS

## OWNER *MUSTS* FOR TOWING SAFETY

### **1. TOW BAR MUST BE LEVEL WITH THE BALL HITCH ON THE MOTORHOME**

Towing with the tow bar at an upward or downward slope puts undue strain on the baseplate and the ball mount. Driving over sharp inclines or declines could force the coupler off the hitch ball.

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

Failure to do so can result in severe tire and equipment damage. The steering wheel must be free to turn when towing. Check the manufacturer's specifications for the proper towing procedures.

### **3. DRIVER MUST NOT BACK UP MOTORHOME WITH VEHICLE ATTACHED**

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

### **4. YOUR VEHICLE AND ALL ITS CONTENTS CANNOT EXCEED 6,000 LBS.**

In addition, the receiver hitch, ball mount and tow bar bracket safety cables (if required) must be rated at no less than the weight of your vehicle and all its contents. (The **STOWMASTER** tow bar is rated at a maximum of 6,000 lbs. carrying capacity; therefore ROADMASTER uses 6,000 lbs. as a standard for rating the weight capacity of all supplementary towing equipment, as well as the towed vehicle and all its contents, throughout this manual.)

### **5. THE BALL MUST BE 2" TO PROPERLY FIT THE TOW BAR COUPLER**

In addition, the ball shank diameter must match the hole size in the ball mount. If it is too large for the threaded shank of the ball, the stress and vibration during towing could cause the ball to loosen and disengage from the coupler.

### **6. OWNER MUST KEEP THE TOW BAR CLEAN AND WELL LUBRICATED**

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

### **7. OWNER MUST INSPECT ALL MOUNTS, BRACKETS AND FASTENERS**

Visual inspection of *ALL* bolts, wiring, cables and metal components each time before you tow will avoid problems on the road. Check your bracket every 3,000 miles. Inspect for any fractures or cracks in the steel or any visible damage.

**Do not tow if damaged.** Check torque on all bolts. Refer to the installation instructions for the mounting brackets and the tow bar for torque rating.

### **8. OWNER MUST FILL OUT AND MAIL THE PRODUCT 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.

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## **Owner 'musts' for towing safety**

*continued from preceding page*

### **9. 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 the vehicle. Failure to properly equip the vehicle will result in severe damage to the transmission. Check the manufacturer's specifications for the proper procedure to prepare the vehicle for towing. Be sure your vehicle is towable before taking it on the road.

### **10. OWNER MUST NEVER TOW VEHICLE WITH A COMPARABLE WEIGHT VEHICLE**

The towed vehicle should never exceed 40% of the weight of the towing vehicle. Towing a vehicle equipped with a tow bar using a vehicle of similar weight will cause the rear vehicle to over-ride the front vehicle, resulting in "jackknifing," "leapfrogging," "fishtailing" or other unsafe towing situations. Serious damage to both vehicles and the towing system equipment could result.

### **11. ALWAYS STAND TO ONE SIDE AND AS CLOSE TO THE COACH AS POSSIBLE WHEN RELEASING THE TOW BAR LOCKING MECHANISM**

Never stand between the adjustable arms or put any part of your body between the adjustable arms when releasing the tow bar. Always stand to one side. Because the car may jerk forward when you release the locking mechanism, face the towed car and stand as close to the back of the coach as possible before you release the locking mechanism, to keep from being hit by the towed vehicle.

### **12. ALWAYS USE SAFETY CABLES OR CHAINS WHEN TOWING**

A frame-to-frame safety cable hookup is legal in ALL states that require them. Use only 6,000 lb. or heavier rated cables. In addition, check to ensure that your safety cables are the proper length. Refer to the sections titled "Proper Installation of Safety Cables," "Installing Bracket Safety Cables," and "How to Use Safety Cables."

### **13. OWNER MUST CHECK MOTORHOME TURNING RADIUS**

Some motorhome chassis have such a tight turning radius that you can damage your motorhome, towed vehicle, or tow bar while turning too sharply. Before getting on the road with your towed vehicle, you should test your turning radius in an empty parking lot. With the towed vehicle attached, have someone watch you as you slowly turn sharply to see whether you have this potential problem. If you do, note how far you can safely turn the motorhome's steering wheel, and be sure not to turn it further when towing. Damage that results from turning too sharply is not covered by warranty.

### **14. OWNER MUST NEVER USE TOW BAR WHILE TOWING MORE THAN ONE VEHICLE/TRAILER**

In some states it is legal to have one vehicle towing more than one trailer (for example a truck towing a trailer that is towing a boat). Do not tow more than one vehicle/trailer when using a tow bar or non-warranty damage or injury may result.



**WARNING**

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT  
IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH.**

## INSTALLER *MUSTS* FOR TOWING SAFETY

The following “*safety musts*” are provided to your installer with the installation instructions for the **STOWMASTER**. They are repeated here for your information. As a precautionary measure, verify that you or the installer have followed all safety requirements before towing your vehicle.

**1. INSTALLER MUST STRESS TO OWNER THAT THE TOW BAR MUST BE LEVEL WITH THE BALL HITCH ON THE MOTORHOME**

Towing with the tow bar at an upward or downward slope puts undue strain on the baseplate and the ball mount. Driving over sharp inclines or declines could force the coupler off the hitch ball.

**2. INSTALLER MUST SHOW OWNER HOW TO PROPERLY OPERATE THE TOW BAR**

Carefully read the section “Connecting and Disconnecting” and familiarize yourself with the features of the tow bar. Demonstrate them to the owner, and have the owner do a few “practice runs.” You not only impress your customer with your thoroughness, but will start your customer off on a safer and happier towing experience.

**3. INSTALLER MUST CAUTION OWNER TO USE A 2" BALL WITH A MINIMUM CAPACITY OF 6,000 LBS.**

The receiver hitch and ball mount must have a minimum capacity of no less than the weight of the towed vehicle and all its contents (GVWR) each. (The **STOWMASTER** precision folding tow bar is rated at a maximum of 6,000 lbs. carrying capacity; therefore ROADMASTER has used 6,000 lbs. as a standard for rating the weight capacity of all supplementary towing equipment, as well as the towed vehicle and all its contents.) Also be sure that the shank of the ball fits snugly in the ball mount hole. A loose-fitting ball shank could be hazardous if the ball should loosen and disconnect from the mount due to stress or vibration during towing.

**4. INSTALLER MUST BOLT THE TOW BAR TO A BRACKET ATTACHED TO THE TOWED VEHICLE'S FRAME OR UNIBODY**

The **STOWMASTER** precision folding 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 mounting bracket kit designed by ROADMASTER takes the burden of doubt away from the installer. **Under no circumstances should the tow bar be welded to the vehicle, nor should any of the pre-punched mounting holes be altered.**

**Never heat, bend or weld a ROADMASTER tow bar or it will weaken metals, resulting in non-warranty failure.** In fact, any altering of the tow bar will void the owner's warranty.

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### **Installer 'musts' for towing safety**

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#### **5. INSTALLER MUST ADVISE OWNER TO ADD PROPER SAFETY CABLES**

A frame-to-frame safety cable is legal in ALL states.

#### **6. INSTALLER MUST STRESS IMPORTANCE OF OWNER SENDING IN WARRANTY**

New owners are to be urged to send in the **Product Registration Card** as soon as possible. This will enable ROADMASTER to expedite any claim or update important information concerning the **STOWMASTER** precision folding 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 VEHICLE IS SUITABLE OR ADAPTABLE FOR TOWING**

Not all vehicles can be safely towed as manufactured. A few models are not towable under any condition and others 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 the manufacturer's specifications for the proper towing procedures.

#### **9. INSTALLER MUST NOT USE THE TOW BAR AS A GROUND FOR WELDING**

Connecting a ground to the A-frame of the **STOWMASTER** precision folding tow bar will cause current to flow through the locking spring which will detemper the spring and destroy the locking mechanism. **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.



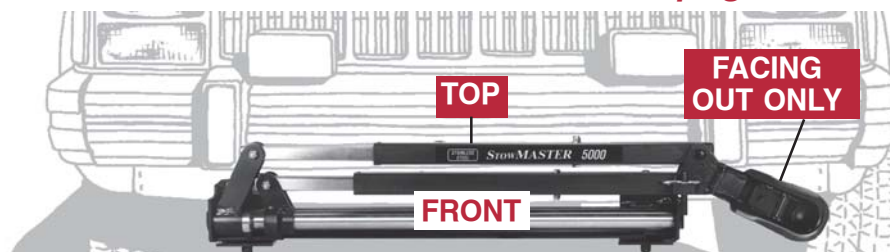
**WARNING**

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT  
IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH.**

**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 the motorhome. ROADMASTER assumes no responsibility for any damage that is caused by improper use, such as backing up while the towed vehicle is attached. Damage caused by improper use is not covered under warranty.

The **STOWMASTER** tow bar *must be mounted upright* as shown below.



**NEVER** mount to vehicle with coupler facing any other way.  
Do **NOT** tow your vehicle if mounted improperly!

**WARNING**

**Do not tow a vehicle using tow bar mounting brackets, safety cables, or a hitch receiver or ball rated less than the actual weight of the towed vehicle.**

The **STOWMASTER** precision folding tow bar is rated at 6,000 pounds carrying capacity (GVWR); therefore ROADMASTER has used 6,000 lbs. as a standard for rating the weight capacity of all supplementary towing equipment, as well as the towed vehicle and all its contents, throughout this manual. Supplementary towing equipment must be rated at 6,000 pounds – check to ensure that the receiver hitch and the ball are rated at 6,000 pounds. (You may order a 6,000-pound rated ball from Roadmaster – part number 200073-00.) If the hitch, ball or any supplementary towing equipment is not rated at 6,000 pounds, it may fail during towing, resulting in property damage, personal injury or even death.

**WARNING**

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH.**

# INSTALLATION INSTRUCTIONS

OWNERS AND INSTALLERS **MUST** READ THE INSTALLATION INSTRUCTIONS AND **CAREFULLY** NOTE THE WARNINGS!

An optional stabilizer bar may be required if the vehicle's frame is torqued or twisted, preventing the proper spacing of the tow bar mounting bracket holes.

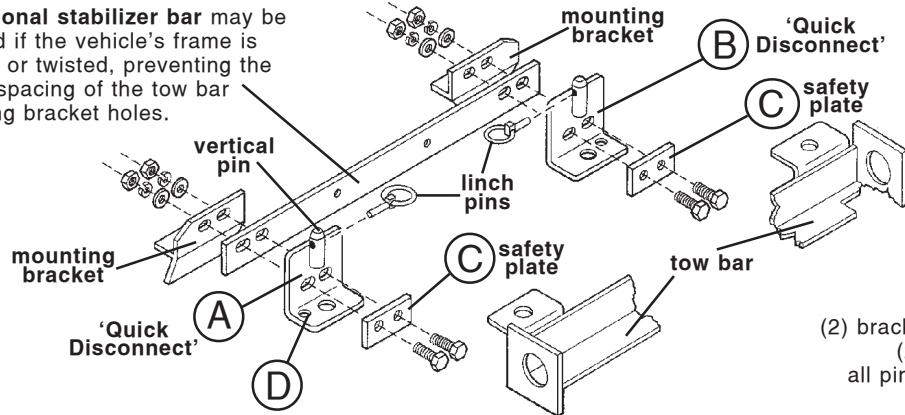


Figure A

**PARTS LIST:**  
 (2) bracket plates ("A" & "B")  
 (2) safety plates ("C")  
 all pins and bolts included

**1** Mount part "A" on the passenger side as shown, using the supplied  $\frac{1}{2}$ " x  $1\frac{1}{2}$ " bolts, a safety plate ("C"), flat washers, lock washers and nuts. Do not tighten – leave loose for now – they **will** be tightened later. **NOTE:** Parts "A" and "B" have an extra hole – "D" – designed for safety cable attachment. Mount parts "A" and "B" so that the "D" holes are to the outside. Also, mount both parts so that the vertical pin on each is facing upward, as illustrated in Figure A.

**2** Mount part "B" to the driver side of the mounting bracket. Again, be sure that the corner hole "D" is on the outside, as illustrated above, and that the vertical pin is facing upward. Use the supplied  $\frac{1}{2}$ " x  $1\frac{1}{2}$ " bolts, a safety plate ("C"), flat washers, lock washers and nuts. Do not tighten – leave loose for now – they **will** be tightened later.

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**CAUTION**

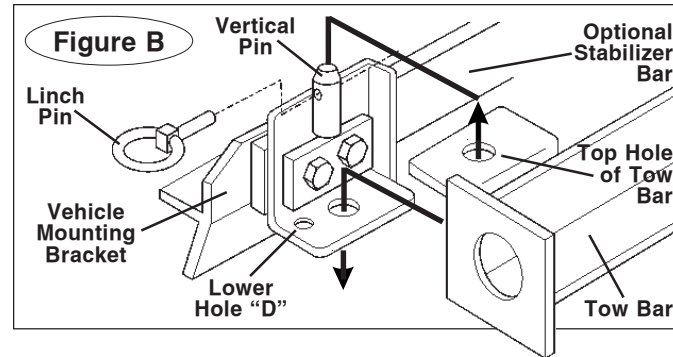
The Quick Disconnects (parts "A" and "B") must be centered on the mounting brackets for the tow bar to be centered. If the Quick Disconnects are mounted too far to the left or the right, it will cause excessive tire wear, which is not covered by warranty.

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**3**

Now, mount the tow bar by lowering it so that the vertical pins of parts "A" and "B" extend upward through the top holes of the tow bar. At the same time be sure the lower vertical pins of the tow bar slide through the lower holes ("D") on parts "A" and "B." Refer to Figure B.

The proper installation of each Quick Disconnect (QD) at the vehicle mounting bracket should look like Figure B.



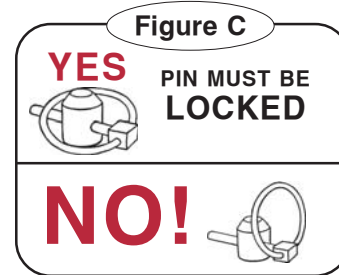
**4**

Both lynch pins **must** be inserted through the upper holes in the vertical pins in parts "A" and "B," as illustrated in Figure B, and **locked** as illustrated in Figure C, to keep the tow bar secure.



**WARNING**

**Towing vibrations will force the lynch pins to wiggle out unless they are properly LOCKED in place over the Quick Disconnect pins. Refer to Figure C. Failure to install the lynch pins properly will result in tow bar malfunction, loss and damage to your vehicle and property, personal injury or even death. You will lose your car.**



**5**

Adjust the spacing of parts "A" and "B" until the tow bar slides on and off easily. Now, torque all bolts to 78 ft./lbs. If safety cables are required for your ROADMASTER tow bar bracket (Refer to the tow bar bracket instructions.), use a quick link to attach the long safety cables to the "D" holes located to the outside of Quick Disconnect parts "A" and "B." The quick links are also used to connect the short safety cables to ROADMASTER XL and EZ series brackets.



**WARNING**

**Unless the safety cables are attached to the Quick Disconnect mount properly, the safety cables will not keep you from losing your towed vehicle in the event the tow bar comes off the Quick Disconnect mount. Failure to correctly attach the safety cables may result in property damage, personal injury or even death.**

## CONNECTING AND DISCONNECTING

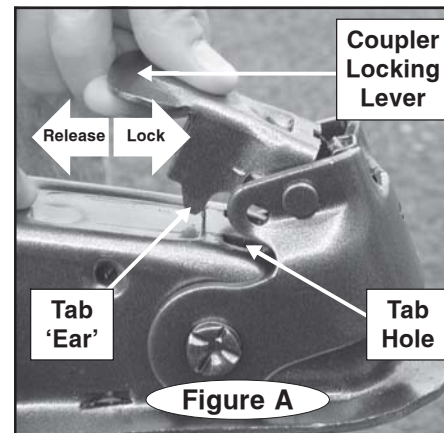


### WARNING

Use caution when handling the tow bar to be sure that your hands, fingers or any part of your body do not get caught between any moving components. Doing so can result in pinching, crushing or cutting, causing personal injury.

### Connecting the Tow Bar

1. Drive your vehicle up to the rear of your motorhome, within 3 to 3½ feet of the hitch ball. The vehicle doesn't have to be perfectly on center, just close.
2. Put the towed car in gear (park), set the emergency brake and chock one of the wheels. Then, pull on the storage hairpin on the driver side of the folded tow bar, and remove it. Swing the tow bar up, in a counter-clockwise direction, until it is fully extended. Slide the driver side arm to the extreme right side of the stainless steel slider bar.
3. Lower the tow bar and position the coupler over the ball. The arms should slide in or out, as needed, to reach the ball. (Hint: if an arm does not slide, simply press down on the button on the arm to unlock it.)
4. With the coupler over the ball, raise the coupler locking lever (Figure A) until the tab 'ear' just clears the tab hole, and pull straight back toward the car. Now, lower the coupler over the ball so that it completely covers it, and slide the locking lever forward until it locks on the ball. (Use the optional coupler lock, part number 305, for added protection against accidental coupler disconnect.)



### WARNING

Be sure the coupler is properly locked onto the ball. The tab ear (Figure A) will slide back into the tab hole when the locking mechanism is fully engaged. If the coupler is not properly locked onto the ball, you will lose your towed car, resulting in property damage, personal injury or even death.

5. Attach the safety cables (or chains) and plug in your light wiring harness, according to the supplier's instructions. Before towing your vehicle, be sure the **steering is unlocked** and the transmission is in

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the proper setting. **Check the manufacturer's specifications or the owner's manual, or talk to your installer, for the proper towing procedures or requirements.**



### **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 designated pins and/or padlocks, you will lose your towed vehicle, which may cause property damage, personal injury or even death.**

6. When you drive away, steer briefly to the left and then to the right, to extend, center and lock the tow bar. Always stop at this time. Check to ensure that the locking buttons on both arms are extended, indicating that the tow bar arms are locked. Also, check the other components of your towing system, to ensure that they are fully engaged.

### ***Disconnecting the Tow Bar***

1. Detaching your towed vehicle is essentially the reverse of connecting it. First, always try to park on level ground, with the towed vehicle in line with the motorhome. This will eliminate most of the tension between the vehicles, allowing for an easier disconnect. Before disconnecting the tow bar, disconnect any towing accessories, the wiring harness, safety cables, etc.
2. Put the car in gear (park), set the emergency brake, and chock one of the wheels.



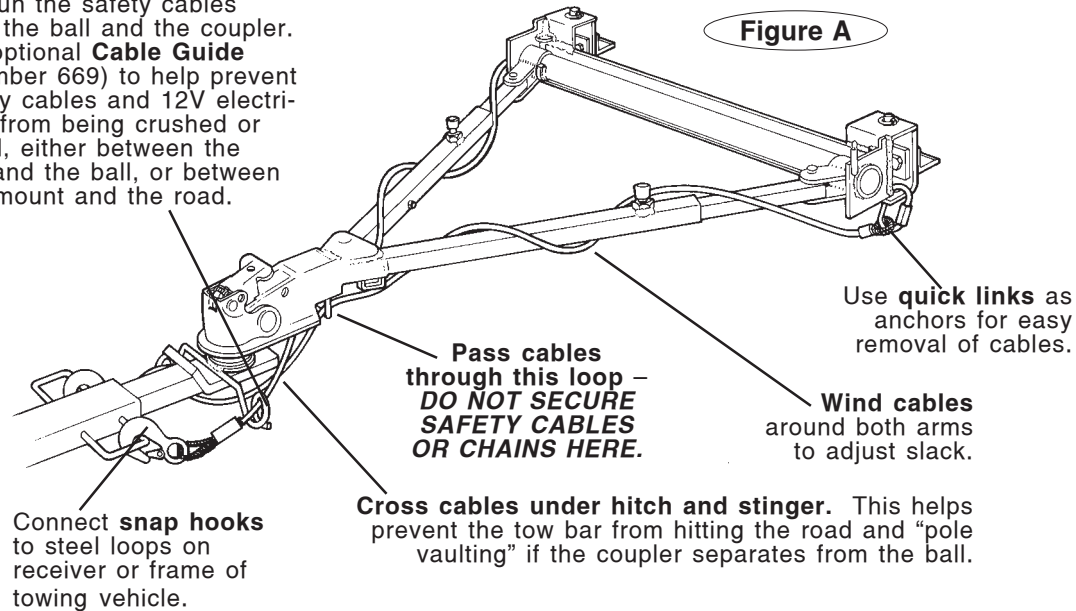
### **WARNING**

**Always put the towed car in gear (park), set the emergency brake and chock one of the wheels before lifting the coupler off the ball. Failure to do so may cause a runaway vehicle or may crush you between the towed car and the motorhome, resulting in property damage, personal injury, or even death.**

3. Release the coupler locking lever (Figure A) as before, and lift the coupler off the ball. Hint: if the towed car is pushing too hard on the motorhome, it may be difficult to remove the coupler from the ball. Remove tension by pressing the locking button on each arm.
4. Bring the tow bar up, completely vertical. Depress the locking button on the driver side arm, and allow the arm to fully compress. Slide the driver side arm across the stainless steel slider bar, and lower the coupler onto the stabilizer pin. Note: Don't press the passenger side locking button. Pressing the driver side button only allows the tow bar to be lowered directly onto the stabilizer pin without any adjustment.
5. Press the storage hairpin into the groove on the stabilizer pin, until it slides in, to secure the tow bar.
6. To remove the tow bar assembly, remove the two lynch pins (one on each side) and lift the tow bar up and away. (ROADMASTER recommends replacing at least one lynch pin with a padlock – part number 301 or part number 302 – to prevent accidental release or theft.)

## PROPER INSTALLATION OF SAFETY CABLES

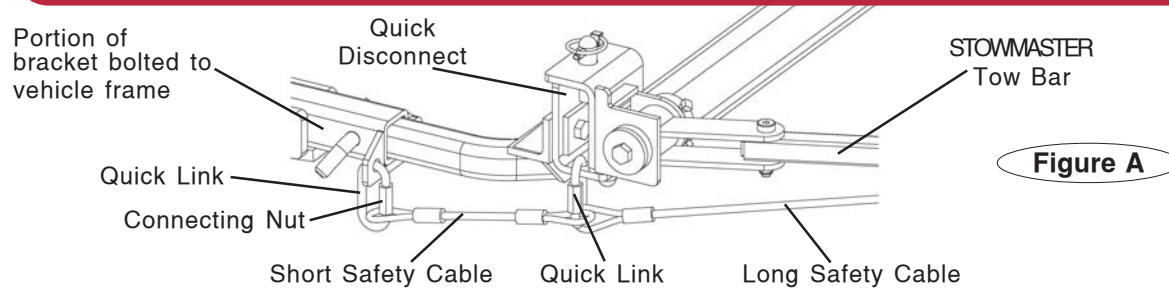
Do **not** run the safety cables between the ball and the coupler. Use an optional **Cable Guide** (part number 669) to help prevent the safety cables and 12V electrical cord from being crushed or damaged, either between the coupler and the ball, or between the ball mount and the road.



### WARNING

**USE ONLY 6,000 LB. RATED SAFETY CABLES.** Cables must be carefully routed so that they cannot become pinched, frayed, scraped or damaged. Also, be sure the cables are routed so that they will not drag when going over dips or low spots. **DO NOT USE CABLES** if they show any signs of wear or damage. Immediately discontinue towing and replace the cables. Failure to follow these instructions will cause cable failure, resulting in property damage, personal injury or even death.

## INSTALLING BRACKET SAFETY CABLES



### **Connecting the short safety cables**

Some ROADMASTER tow bar mounting kits with removable arms, such as the one illustrated in Figure A, use two safety cables on each side. Each **long safety cable** runs from the towing vehicle to a **Quick Link** attaching it to one of the Quick Disconnects.

Unscrew the nuts on each Quick Link to connect the safety cable loops; finger-tighten the nuts firmly, until the loop is completely closed, to secure the attachment. Do not substitute carabiners or other devices for the Quick Links – the Quick Links are rated at 6,000 lbs. carrying capacity; carabiners or other devices are not.



### **WARNING**

**If the Quick Links are not completely tightened, with the loop closed, the safety cables may detach. In the event of a towing system failure, you will lose your towed vehicle, which may cause property damage, personal injury or even death.**

Each **short safety cable** is connected from the first Quick Link to another Quick Link, which attaches it to the **mounting bracket**. The mounting bracket is bolted to the frame of the towed vehicle.

Only ROADMASTER XL and EZ bracket kits, with removable arms, have these short safety cables. Other bracket kits are bolted directly to the frame of the towed vehicle and do not require short safety cables. If your ROADMASTER bracket kit contains short safety cables, refer to the installation instructions for further information.



### **WARNING**

**If your towing system requires two sets of safety cables, always use both the long and the short safety cables. Connect them as illustrated above. Otherwise, in the event of a towing system failure, you will lose your towed vehicle. Failure to follow these instructions may cause property damage, personal injury or even death.**

## HOW TO USE SAFETY CABLES

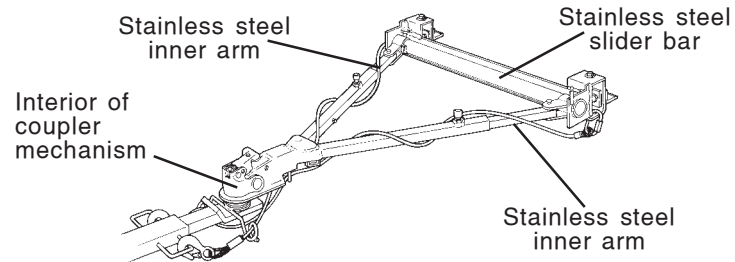
1. Always cross cables under the hitch as shown in Figure A under “Proper Installation of Safety Cables.” In the unlikely event the tow bar ever separates from the motorhome, crossing the cables will help prevent the tow bar from dragging on the ground, causing it to “pole vault” the towed vehicle.
2. Pull the safety cables so that all of the slack is at the motorhome. **IMPORTANT: Make sure there is enough slack in the cables at the motorhome to allow sharp turns.** If you have a hitch extension or other equipment that extends the distance between your towed car and motorhome, the standard cables may be too short. Failure to use long enough cables will result in severe non-warranty damage to the towing system when turning sharp corners. If you require longer cables, contact ROADMASTER or your dealer.  
**IMPORTANT – Cables too long:** On some hook-ups, the cables may be too long, and may hang too low. The cables will drag when traveling over dips and low spots, resulting in non-warranty damage. If your cables are too long, you will need to wrap the excess cable around the bar to take up the slack. Refer to Figure A under “Proper Installation of Safety Cables.” **REMEMBER TO LEAVE ENOUGH SLACK FOR TURNING SHARP CORNERS!**
3. If safety cables are required for your ROADMASTER tow bar bracket, the safety cables **MUST** be attached. This is required by law. Refer to the tow bar bracket instructions. If safety cables are required, you **MUST** connect them between the Quick Disconnect (Hole "D" – refer to Figure A under “Installation Instructions.”) and the portion of your mounting bracket that is permanently bolted to your towed car.
4. Make sure your safety cables are rated at 6,000 lbs. per pair. Your vehicle and all its contents cannot exceed 6,000 lbs.
5. The safety cables can be reversed if you prefer to have the Snap Hooks at the towed vehicle instead of the motorhome. This requires two Quick Links (not included).



**WARNING**

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH.**

## CARE AND CLEANING



Your tow bar requires regular cleaning and lubricating to assure long-term, trouble-free operation. Use the following guidelines when maintaining your tow bar:

Always clean the bar before lubricating it. Use ROADMASTER's Voom RV Cleaner and Degreaser (part number 9911, shown at right). It does an exceptional job of breaking down road film, dirt and grease. Spray a liberal amount on the tow bar, then operate the tow bar to work the cleaner into all of the moving parts. Once you've cleaned the bar, wipe any remaining cleaner away before lubricating.

Now that you have a clean, dry tow bar, spray a liberal amount of ROADMASTER LubeMaster Silicone Spray (part number 747, shown at right) over the stainless steel components of the tow bar – both of the inner arms, as well as the slider bar. Note: DO NOT SPRAY ANY SILICONE DIRECTLY INTO THE LOCK MECHANISM HOUSINGS! Silicone coats and covers in a thin layer. If you spray silicone inside the housing, it reduces the clearance for the locking mechanism, preventing proper operation.

You may also wish to use the silicone spray as a lubricant inside the ball-mount area of the coupler.

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

**NOTE:** To remove scratches and restore luster on the stainless steel arms, we suggest that you use extra fine (0000) steel wool, 3M "Scotch Brite" (fine pad) or a similar product.



Voom  
RV Cleaner  
and Degreaser  
part number 9911



LubeMaster  
Silicone Spray  
part number 747

## COUPLER INFORMATION SHEET

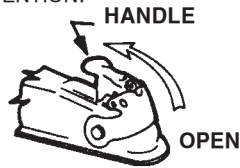
THE FOLLOWING IS A COPY OF THE ATWOOD COUPLER INFORMATION TAG THAT IS ATTACHED TO EACH COUPLER, AND IS A NOTIFICATION WE ARE PASSING ON TO THE CONSUMER.

### OPERATION INSTRUCTIONS

1. TO OPEN, PULL UPWARD ON LATCH HANDLE AND LIFT UNTIL YOU RAISE THE YOKE ABOVE THE NOSE OF THE COUPLER. (FIGURE 1)
2. MOVE HANDLE FULLY REARWARD SO THAT THE YOKE RESTS ON TOP OF THE COUPLER NOSE.
3. PLACE COUPLER ON BALL OF SAME DIAMETER AS COUPLER AND OF SAME OR GREATER CAPACITY.
4. WHEN BALL IS COMPLETELY NESTED IN SOCKET, PUSH LATCH FORWARD UNTIL YOKE DROPS OVER NOSE OF COUPLER AND THE LATCH HANDLE LEG TIPS FREELY INTO SLOTS ON TOP OF COUPLER. (FIGURE 2)
5. EXTEND JACK TO GROUND AND LIFT CAR/TRAILER 2-4" TO INSURE COUPLER IS SECURELY ATTACHED TO TOW BALL. RETRACT JACK BEFORE TOWING.
6. INSERT PADLOCK THROUGH LOCK HOLE IN YOKE FOR THEFT PREVENTION.

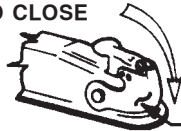
**FIGURE 1**

OPEN  
POSITION



**FIGURE 2** TO CLOSE

YOKE  
CLOSED  
POSITION



**MAINTENANCE INSTRUCTIONS:** LUBRICATE BALL SOCKET WITH EXTREME PRESSURE GREASE. LUBRICATE MOVING PARTS WITH SAE 30 OIL.

This notification applies only to coupler usage and does not alter individual ROADMASTER, Inc. instructions. The reference to trailer usage does not apply to Stowmaster application of the Atwood coupler. The tow bar usage is intended only for towing four-wheeled vehicles.

### **WARNING**

SAFE TOWING PRACTICE REQUIRES THE PROPER USE OF SAFETY CHAINS USED IN ACCORDANCE WITH INSTRUCTIONS PROVIDED BY THE TRAILER MANUFACTURER. CHECK TO MAKE SURE THAT THE BALL HAS BEEN COMPLETELY INSERTED INTO THE BALL SOCKET AND THAT THE BALL CLAMP (INSIDE OF COUPLER) IS CLOSED AROUND THE UNDERSIDE OF THE TOW BALL AND THAT THE YOKE AND HANDLE IS IN THE CLOSED POSITION. THE LOADED WEIGHT OF THE TRAILER MUST NEVER EXCEED THE CAPACITIES MARKED ON THE COUPLER, TOW BAR OR HITCH.

CHECK THE COUPLER, HITCH AND BALL FOR DAMAGE OR WEAR BEFORE EACH USE. MAKE SURE THAT ALL PARTS OPERATE FREELY. REPLACE ANY COMPONENT IF WORN OR DAMAGED. FAILURE TO FOLLOW THESE WARNINGS AND OPERATIONS WILL RESULT IN SEPARATION OF TOW VEHICLE AND TRAILER WHICH CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH.

INSTALLATION INSTRUCTIONS  
REQUEST ATWOOD BULLETIN MPD85701 FOR COMPLETE INSTRUCTIONS ON COUPLER INSTALLATION, OPERATION AND MAINTENANCE. DO NOT ATTEMPT INSTALLATION WITHOUT BULLETIN.

ATWOOD MOBILE PRODUCTS ROCKFORD, IL 61103  
PH (815) 877-5700

# ROADMASTER LIMITED WARRANTY

## 1. WARRANTY

### 1a. WARRANTY OF CONFORMITY AT TIME OF SALE

ROADMASTER, Inc. warrants that at the time of sale of this product it will be free from defects in material and manufacture and will conform to ROADMASTER'S specifications for the product.

### 1b. CONDITIONAL ONE-YEAR WARRANTY

In addition to the preceding time-of-sale warranty, if the product registration card is completely and accurately filled out and mailed to ROADMASTER within thirty (30) days of purchase, ROADMASTER will provide an additional warranty that for a period of one year after sale the product will remain in good working order, PROVIDED THAT the product is installed and maintained in accordance with ROADMASTER'S instructions and is not subjected to: (a) alteration or unauthorized repairs or repairs by anyone other than ROADMASTER or a ROADMASTER-authorized service center, (b) misuse, abuse, commercial use, or improper maintenance, (c) Acts of God (including without limitation hurricanes, tornadoes, floods, or other severe weather or natural phenomena), (d) failures due to products not supplied by ROADMASTER, or (e) other treatments, uses, or installations for which the product was not intended. This warranty extends only to the first retail purchaser-consumer of the product and is not transferable.

**EXTENDED WARRANTY PERIOD:** If ROADMASTER receives the product registration card, completely and accurately filled out, within twenty (20) days of purchase, ROADMASTER will enlarge the one-year warranty period in the preceding paragraph to a period of two years.

## 2. DISCLAIMER OF OTHER WARRANTIES

The preceding warranties are the exclusive and sole express warranties given by ROADMASTER. They supersede any prior, contrary or additional representations, whether oral or written. No agent, representative, dealer or employee has the authority to alter or increase the obligations or limitations of this warranty. Any implied warranties, including the WARRANTY OF MERCHANTABILITY and any WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, are limited in duration to thirty days or the term of the applicable express warranty provided above, whichever is longer.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

## 3. EXCLUSIVE REMEDY FOR ANY NONCONFORMITIES

If during the applicable Warranty Period, the product does not conform to the preceding Warranties, notify ROADMASTER as provided below, and within a reasonable time ROADMASTER will provide, at its option, one of the following: (1) replacement components for any nonconforming or defective product or components or (2) the percentage of the purchase price for the nonconforming product equal to the percentage of the Warranty Period remaining when ROADMASTER is notified of the nonconformity. ROADMASTER will, at its option, (a) use new and/or reconditioned parts in performing warranty repairs and making replacement products, (b) use parts or products of original or improved design in the repair or replacement. If ROADMASTER repairs or replaces a product, its warranty continues for the remaining portion of the original Warranty Period

*continued on next page*

## **Roadmaster Limited Warranty**

*continued from preceding page*

or 60 days from the date of the return shipment to the customer, whichever is greater. All replaced products and all parts removed from repaired products become the property of ROADMASTER. ROADMASTER will not provide, and will not be liable for, labor, costs of removal or reinstallation of components, disposal, shipping, freight, taxes, or other incidental charges.

### **THESE REMEDIES ARE THE EXCLUSIVE AND SOLE REMEDIES FOR ANY BREACH OF WARRANTY.**

For any breach of warranty, the Owner must telephone ROADMASTER at 1-800-669-9690 within thirty (30) days after discovering the nonconformity. Do not return any product without first calling ROADMASTER and getting a return authorization number. Returned products must include the return authorization number and a copy of the original invoice, bill or other proof of the date of purchase. The date of purchase must coincide with the original warranty registration card on file. ROADMASTER will authorize (a) shipment of the product to ROADMASTER or (b) repair or replacement at the nearest warranty service center—in both cases with shipping at your expense. Do not purchase replacement parts or pay for repair labor—you will not be reimbursed. Compliance with the requirements of this paragraph is a condition to coverage under the Warranty: if these requirements are not complied with, ROADMASTER will have no obligation to provide any remedy for any breach of warranty.

#### **4. DISCLAIMER OF INCIDENTAL AND CONSEQUENTIAL DAMAGES**

IN NO EVENT SHALL ROADMASTER BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM NONDELIVERY OR FROM THE USE, MISUSE OR INABILITY TO USE THE PRODUCT OR FROM DEFECTS IN THE PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

#### **5. APPLICABLE LAW**

This Warranty will be interpreted, construed, and enforced in all respects in accordance with the laws of the State of Oregon, without reference to its choice of law rules. The U.N. Convention on Contracts for the International Sale of Goods will not apply to this Warranty.

#### **6. SEVERABILITY**

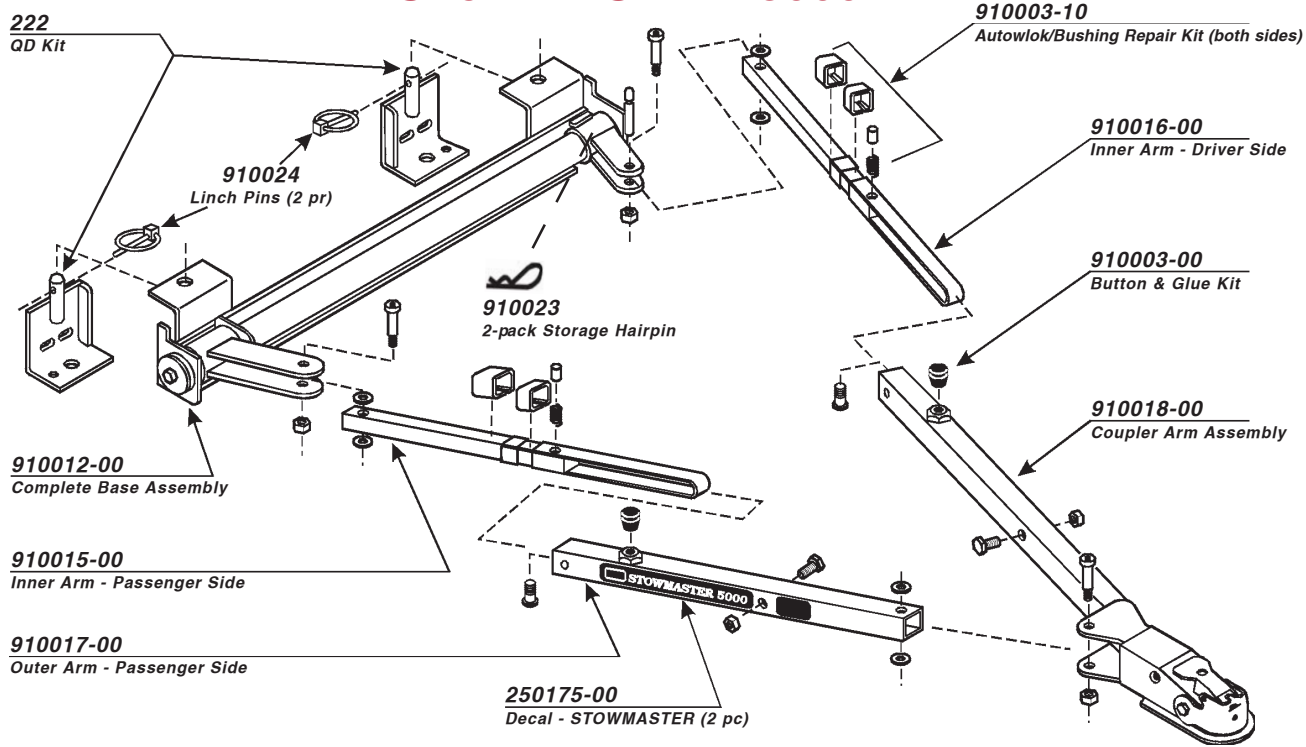
If any provision of this warranty is found to be invalid or unenforceable, then the remainder shall have full force and effect, and the invalid provision shall be partially enforced to the maximum extent permitted by law to effectuate the purpose of the agreement.

#### **7. ADDRESS FOR NOTICES TO ROADMASTER**

ROADMASTER, Inc., 5602 N.E. Skyport Way, Portland, OR 97218

This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

# STOWMASTER™ 5000



The Finest Tow Bars on the Planet

ROADMASTER, Inc. 5602 N.E. Skyport Way • Portland, OR 97218 • 800-669-9690 • Fax 503-288-8900 • www.roadmasterinc.com