



**IMPORTANT OWNER-OPERATOR INSTALLATION
INSTRUCTIONS
A7610**

**GLOW GUIDE
RV STEP ACCESSORY**

:WARNING:

*TORKLIFT INTERNATIONAL IS NOT RESPONSIBLE FOR ANY INJURY THAT MAY RESULT
FROM MIS-USE OF THIS PRODUCT*

Minor movement (or settling) can occur in some incidental harsh driving conditions
(on or off road).

A rubber bed mat is not a requirement to maintain the lifetime warranty on a Torklift system, but a strong recommendation, simply as a safety precaution to protect the truck bed, the bottom of the camper and to give the camper additional support.

Warning!!

TORKLIFT DOES NOT RECOMMEND: Installing your truck camper in your truck on top of a drop in plastic bed liner!!! THIS WILL VOID YOUR WARRANTY!

The drop in plastic bed liners can slide on top of the truck bed surface, and the camper can slide on top of the slick surface of the bed liner. The liner can also act as a spring causing a trampoline effect increasing vertical truck camper movement, independent of the vehicle, possibly resulting in truck bed damage and/or camper damage!

Revision 5



REVISED vers7 BY: MWP 05.15.2013

TECH SUPPORT (800) 246-8132

**AFTER INSTALL, PLEASE GIVE
THIS BOOKLET TO YOUR CUSTOMER**

Visit www.torklift.com for videos of use and install.

Thank you for the purchase of this GlowGuide system. Please read this manual thoroughly as there are particular instructions that must be adhered to for proper installation, use and storage.

Your GlowGuide system is comprised of three telescopic arms. Two main arms and one strut arm. All three arms are the same length. When the installation is complete and the GlowGuide is in the “in use” position the configuration will be as follows: One of the main GlowGuide arms will run up to the door entryway, one will run down and attach to the step system, the third arm will run diagonally and attach either to the bumper or to the back of the RV/Trailer. Due to all three arms being telescopically adjustable, the mounting location at the doorway for the upper arm and the mounting location for the strut arm as well as the step mount are not specifically set and can be mounted within a range to best suit each particular installation applications. In general the upper arm mount will need to be placed as close to the door frame as possible so as to screw into the framing that is typically found around the door frame. On some applications where no door frame reinforcement is used or in the event there is uncertainty as to whether there is a door frame reinforcement behind where the upper GlowGuide arm mount will screw in, we have supplied an adapter plate that can screw into the actual metal door frame.

On some applications it may be necessary to remove pre-existing grab handles depending on where the grab handle is located and where the GlowGuide system will be mounted.

TROUBLE SHOOTING TIPS

If for any reason the telescoping rods seem to be seized, simply apply a pulling or pushing force to the handle grip while trying to loosen. This is caused by initially over tightening the telescoping rods which in turn dislodges the locking mechanism.

A7610 GLOW GUIDE PARTS LIST

1- GlowGuide Unit	4- #10-24 x 3/4" Flat Head Phillips Bolt SS
1- GlowGuide Brush	2- #10 x 3/4" Flat Head Phillips Tapping Screw SS
1- RV Step Mount Slide Arm	8- #10 x 1-1/4" Pan Head Tapping Screw SS
1- RV Step Mount Cage Bracket	2- #10 Washer SS
4- Plastic Tubing Clip	4- #10 Lock Washer SS
1- Rubber Foot	4- #10-24 Hex Nut SS
2- 1/2" x 11" Velcro Strap	2- #14 x 1-1/2" Hex Head Tapping Screw SS
1- Door Frame Mounting Plate	4- 3/16" x 1-3/8" Molly Rivet
2- 1/4" x 1-3/8" Snapper Pin	2- 3/16" x 1" Molly Rivet
1- 3/8" Plastic Spacer	

Notes:

Some of the GlowGuide components use double back tape to temporarily hold the item in place while you are preparing to permanently fasten them to the RV. The double back tape will also help to seal around any holes in the side wall of the RV. When attaching a component with double back tape be sure the surface is thoroughly cleaned prior to applying the tape.

To prevent damage to the RV all holes drilled in the side wall should have silicon applied to them before screws are installed. After you have drilled the hole, apply silicon into the hole as well as leaving some on the outside. When using a tapping screw that has no pilot hole the screw should be installed 3/4 of the way and then removed allowing you to place silicon in the hole. Once the screw is fully installed there should be silicon coming out around the entire head of the screw.

Step 1 - Test Fitting

The main assembly of the GlowGuide consists of 3 telescopic arms.

- The “Upper Arm” can be recognized by the two rubber handles, a swivel on one end, and a knee joint on the other. **Picture 1.1**
- The “Lower Arm” has a single handle, a threaded end (covered with the **Rubber Foot**), and a knee joint. **Picture 1.2**
- Finally, the “Strut Arm” has a single handle, a swivel on one end, and an eyelet on the other. **Picture 1.3**

You may need a second person to assist in holding the GlowGuide in place and marking installation points. Installation points can be marked using a piece of masking tape or a marker. In order to test fit and mark the GlowGuide the RV door must be open and the step must be folded out.

A.) First, you will also need to determine the proper location for your **RV Step Mount Cage Bracket**. There is double sided tape on the **RV Step Mount Cage Bracket**, remove the tape backing paper and press the **RV Step Mount Cage Bracket**, with the **RV Step Mount Slide Arm** attached, so that when the **RV Step Mount Slide Arm** is fully retracted and it is even with the outside edge of the bottom step, on the side you are planning on using your GlowGuide (**Picture 1.4**). Then, fold up the steps to the closed position to determine if there is adequate clearance for the **RV Step Mount Slide Arm**. If there is not adequate clearance remove the **RV Step Mount Slide Arm**, by pulling out the pin and clip and determine if there is clearance for the **RV Step Mount Cage Bracket** alone. This will ensure that the GlowGuide is compatible with your vehicle prior to installation. Some steps may require removal of the **RV Step Mount Slide Arm** when the step is in the closed position.

B.) Next, you will test fit the GlowGuide. Attach the **Plastic Tubing Clips** to the end of the Upper Arm by using **1/4” x 1-3/8” Snapper Pin** and Strut Arm by using **1/4” x 1-3/8” Snapper Pin**. First, place the end of the Upper Arm next to the door handle, outside of the door frame. Stand inside the RV, as if you are about to step out of the RV, and place a hand on the Upper Arm of the GlowGuide. Then, adjust the Upper Arm to a comfortable position; this will be approximately 36” (Plus or minus up to 6”) from the bottom of the door. Once the Upper Arm is in the desired position, mark the Upper Arm at the bottom of the **Plastic Tubing Clip**. Next, place the Lower Arm on the ground, next to the front of the bottom step, with a space of about 3” between the Lower Arm and the step. Then place the end of the Strut Arm against the vehicle side. The Strut Arm should be placed in a position with reinforcement backing behind the wall of the RV: at the same level as the floor or the same level as awning mounts. When you have located a reinforced attachment location, mark the Strut Arm **Plastic Tubing Clip** location; the **Plastic Tubing Clip** will most likely be angled (**Picture 1.5**). Now, both the Upper Arm and Strut Arm are marked, and you have a general idea of where the GlowGuide will be mounted and have clarified that the GlowGuide will fit on your applications.

Installation

Step 2 - Step Mount

Warning: Electric steps can close when the RV door is shut. This can possibly cause damage to the RV and the Glow Guide. Most vehicles are equipped with a switch to turn the electric step off. It is required that this feature be turned off when using the GlowGuide. If you have questions about how to turn this feature off please contact your dealer or vehicle manufacturer.

With your steps folded out determine if you are able to reach the back of the front lip of the bottom step. This will determine how you will attach the RV Step Mount Cage Bracket.

Note: At times with an RV step, there will be a lip under the step that may need to be folded closed using a piece of cardboard and vise grips to ensure there is no damage so that you can bolt the mount to the step flush.

Option A:

If you are able to reach the back of the front lip you will be using two **#10-24 x 3/4" Flat Head Phillips Bolts SS** along with two **#10 Washer SS**, two **#10 Lock Washers SS**, and two **#10-24 Hex Nuts SS**. Leaving the **RV Step Mount Cage Bracket** in place, use it as a template and use a 7/32" drill bit to drill the two holes through the lip of the bottom step. Then, insert the two **#10-24 x 3/4" Flat Head Phillips Bolts SS** through the holes. On the back of each **#10-24 x 3/4" Flat Head Phillips Bolts SS** place the one **#10 Washer SS**, followed by one **#10 Lock Washers SS**, and finally one **#10-24 Hex Nut SS (Picture 2.1)**.

Option B:

If you are unable to reach the back of the front lip you will be using two **#10-24 x 3/4" Flat Head Phillips Tapping Screws SS**. Leaving the **RV Step Mount Cage Bracket** in place, use it as a template and install both **10-24 x 3/4" Flat Head Phillips Tapping Screws SS**. Depending on the thickness of your steps front lip you may need to use a 1/8" drill bit to drill the two holes through the lip of the bottom step.

Step 3 - Door Mount

With the location of Upper Arm Mount marked you will need to determine how you are going to affix the tubing clip to the RV. Approximately 90% of all RV's will have adequate backing around the outside of the door frame (**Option A, Photo 3.1**). An existing grab handle is a good indicator of the required extra backing. In the event you drill your pilot holes and don't hit aluminum or wood silicon the hole and move onto Option B. For question on backing support contact your RV dealer or manufacture. **Option B** can also be used to simply move the Upper Arm Tubing Clip over to go around an existing grab handle.

Option A:

Use the tubing clip as a template for drilling the 1/8" holes. Install two **#10 x 1-1/4" Pan Head Tapping Screw SS** in the Upper Arm **Plastic Tubing Clip**. If you currently own or plan on buy a GlowGuide Lock you may need to use the **3/8" Plastic Spacer** to avoid interference with the door frame.

Option B:

If there isn't adequate support outside of the door frame for Option A or if you wish to mount around a grab handle. You will need attach one **Plastic Tubing Clip** to the **Door Frame Mounting Plate** using two **#10-24 x 3/4" Flat Head Phillips Bolt SS** along with two **#10 Lock Washer SS** and two **#10-24 Hex Nut SS (Picture 3.2)**. Most door frames have a rubber or vinyl cover that you will need to drill through it or cut out a section to make room for the **Door Frame Mounting Plate**. Use the **Door Frame Mounting Plate** as a template for drilling the 3/16" holes in the door frame. Attach the assembled **Door Frame Mounting Plate** using two **#14 x 1-1/2" Hex Head Tapping Screw SS (Picture 3.3)**.

Step 4 - Strut Mount

With the position of the Strut Arm **Plastic Tubing Clip** mark remove the double back tape paper and stick the **Plastic Tubing Clip** to the side of the RV. Be sure to check the backside of the area where you will be screwing into the RV, look for Holding Tanks, Wiring, etc before drilling. Using the **Plastic Tubing Clip** as a template drill two 1/8" holes. When you are drilling if one or both of the hole don't hit either wood or aluminum you will need to re-drill the holes out to 3/16" and used two **3/16" x 1" Molly Rivet** to attach the **Plastic Tubing Clip**. If you did hit wood or aluminum with the 1/8" drill bit use two **#10 x 1-1/4" Pan Head Tapping Screw SS**.

Step 5 - Using as a Handrail

First pin the Upper Arm in **Plastic Tubing Clip** by the door frame using the **1/4" x 1-3/8" Snapper Pin**. Second, loosen all three telescopic arm and the knob on the Knee Joint. Then, place the Lower Arm in the **RV Step Mount Slide Arm**. Next, pin the Strut Arm in the **Plastic Tubing Clip** that is mounted on the side of the RV with the **1/4" x 1-3/8" Snapper Pin**. Then raise the knee joint to the desired height and tighten the lower arm, the Knee Joint knob followed by the upper arm. Finally, lightly tension the system by pulling the knee joint towards the Strut Arm a couple inches and then tightening the Strut Arm. Your GlowGuide System is now ready to use(**Picture 5.1**).

Step 6 - Storing

The GlowGuide can be stored multiple ways in many different location. It can simply be place in a storage compartment or you can use the **Plastic Tubing Clip** and store it on any wall in your RV and in almost any position. Another place you may want to store it is on the outside of your RV(**Photo 6.1, Photo 6.2, Photo 6.3**). After you have selecting your mounting location remove the paper off the double back tape, place one of the **1/2" x 11" Velcro Strap** on back of one of the **Plastic Tubing Clip** and stick it in place. Using the **Plastic Tubing Clip** as a template drill two 1/8" holes. When you are drilling if one or both of the hole don't hit either wood or aluminum you will need to re-drill the holes out to 3/16" and used two **3/16" x 1" Molly Rivet** to attach the **Plastic Tubing Clip** . If you did hit wood or aluminum with the 1/8" drill bit use two **#10 x 1-1/4" Pan Head Tapping Screw SS**.

Step 7 - Washing

The GlowGuide can be used to wash the outside of your RV or sweep the inside of your RV using the threaded end on the Lower Arm and attaching the supplied **GlowGuide Brush**. For washing, loosen the Knee Joint knob and then open of the GlowGuide so the Upper and Lower Arm are parallel to each other and retighten the Knee Joint knob. (**Photo 7.1**)

Pictures

Photo 1.1



Photo 1.2



Photo 1.3



Photo 1.4

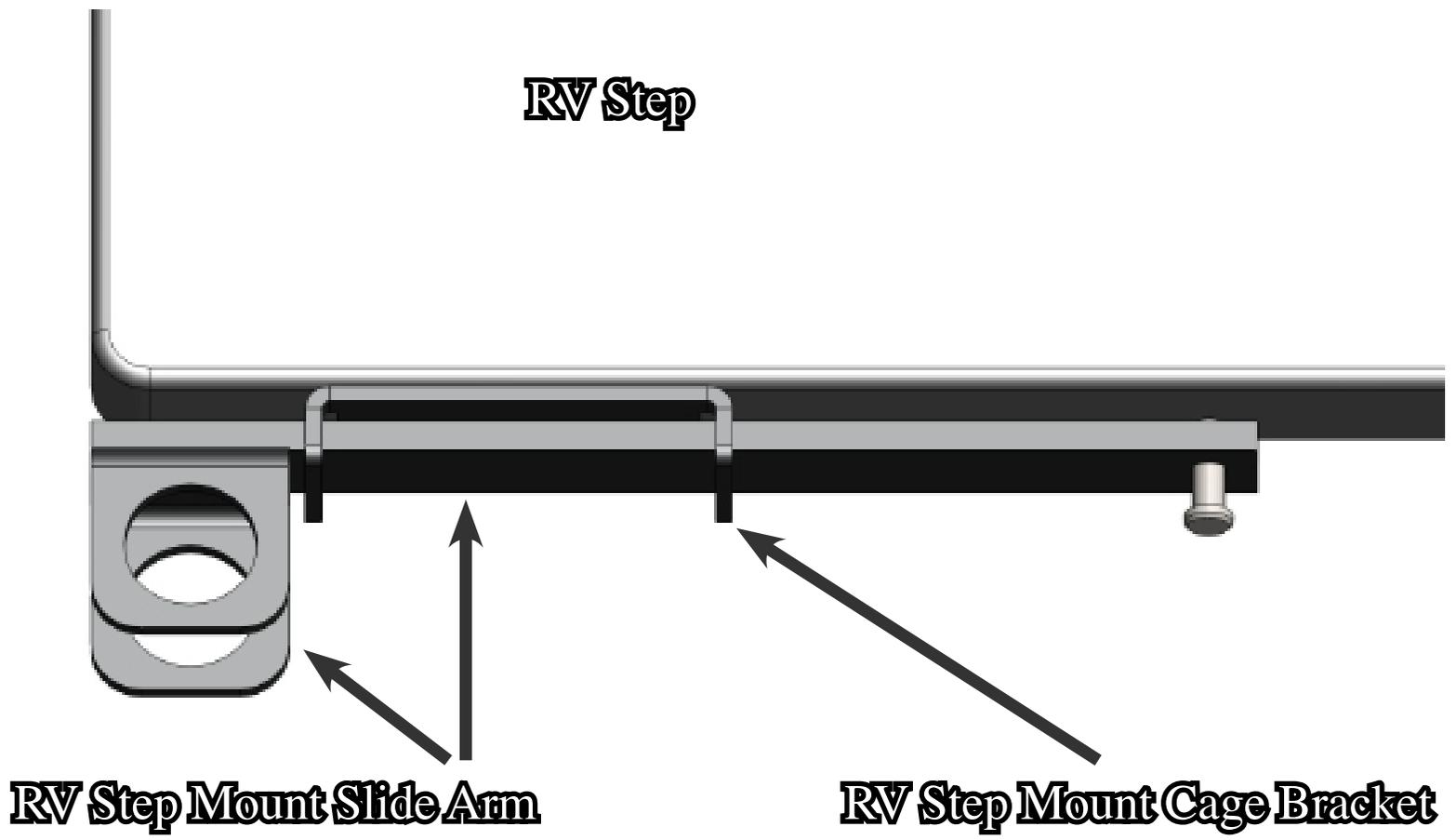


Photo 1.5



Photo 2.1

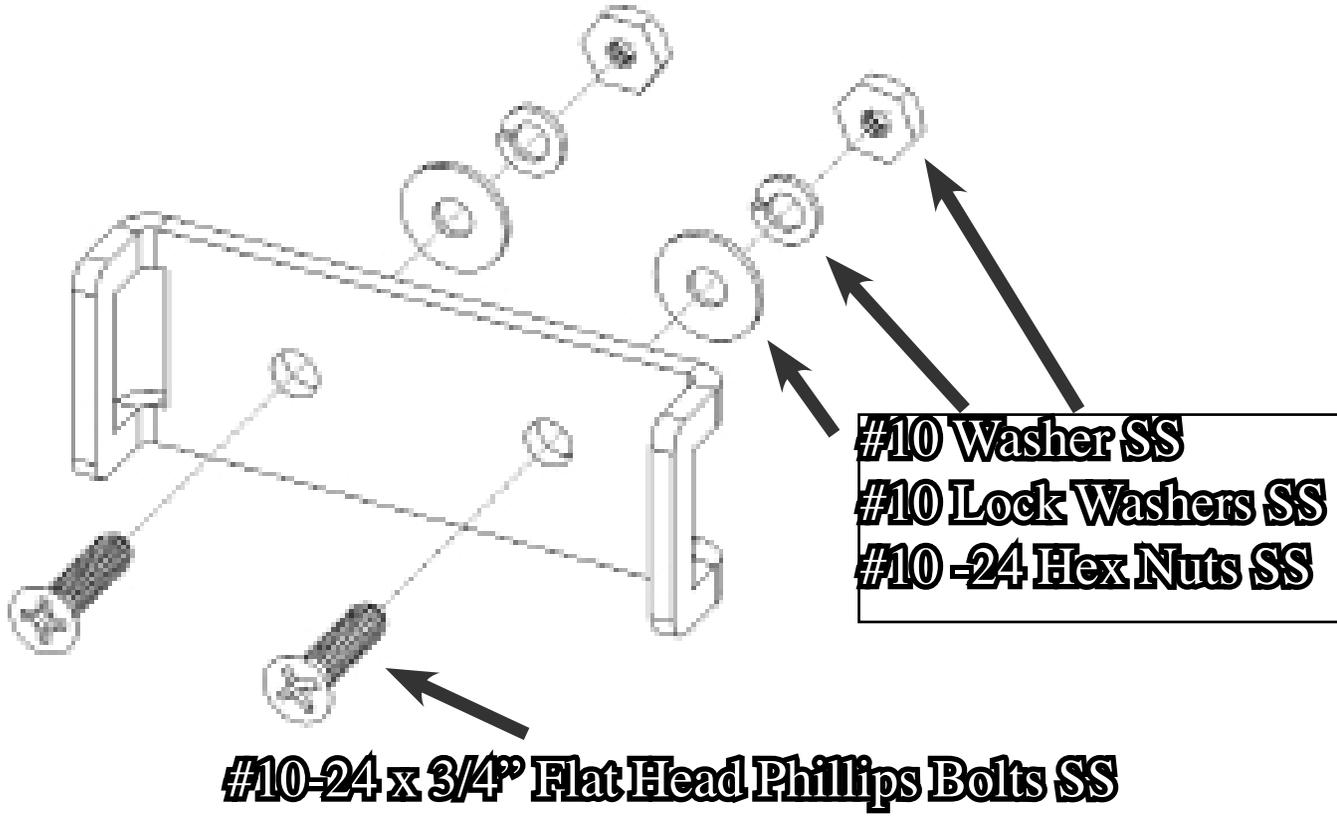


Photo 3.1



Photo 3.2

#10 Lock Washer SS
#10-24 Hex Nut SS

#10-24 x 3/4" Flat Head Phillips Bolt
SS

#14 x 1-1/2" Hex Head Tapping
Screw SS

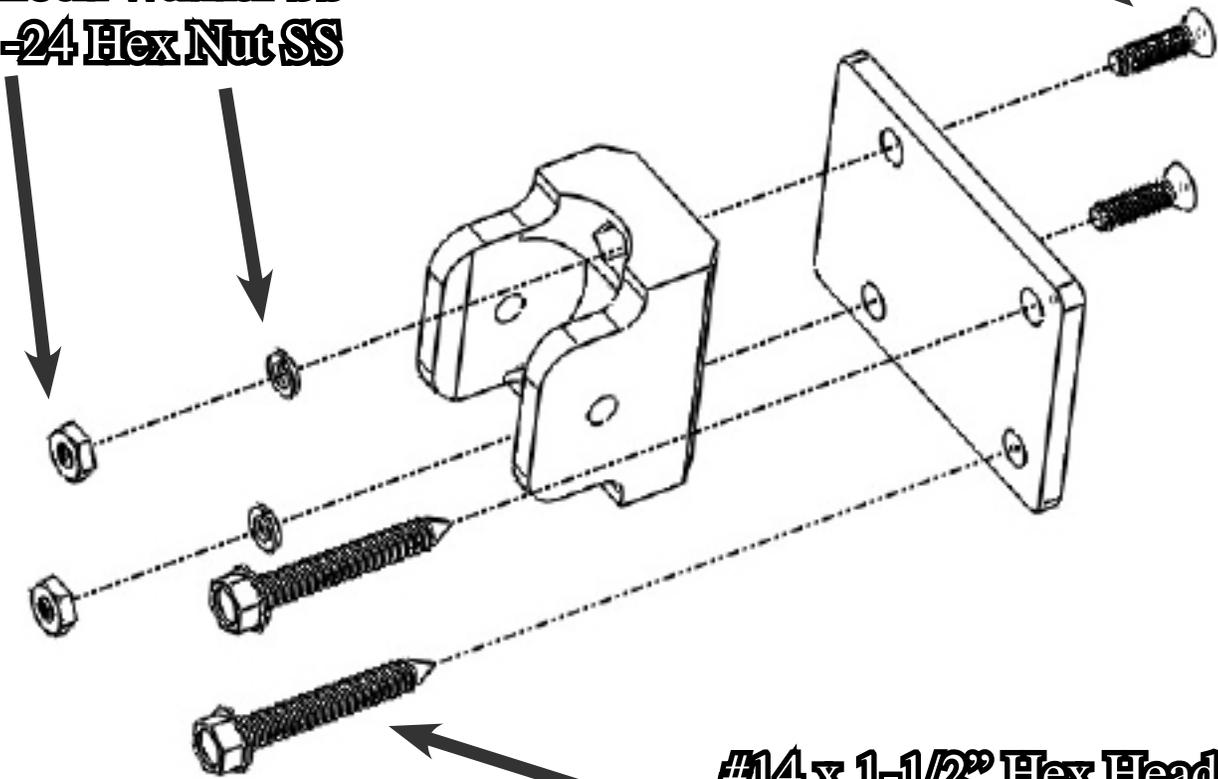


Photo 3.3



Photo 5.1



Photo 6.1



Photo 6.2



Photo 6.3



Photo 7.1



GlowStep *The Ultimate Scissor Step*

"I love this thing. Its light and the steps glow in the dark. It folds up nice and I can store it inside one of my storage bays. What a difference going up and down a decent set of steps compared to those 'death trap' steps that the factories put on."

-Kerry Stark, PA

- ▶▶ LIFETIME WARRANTY
- ▶▶ GLOWS IN THE DARK FOR 10 HOURS WITH ONLY 5 MINUTES OF LIGHT EXPOSURE
- ▶▶ SELF ILLUMINATING STEPS - NO BATTERIES
- ▶▶ SAFELY ENTER AND EXIT YOUR RV AFTER DARK
- ▶▶ SUREGRIP™ STEP TREAD - NO GRIP TAPE
- ▶▶ STORES IN POSITION
- ▶▶ LOCKABLE
- ▶▶ EXCLUSIVE: ADJUSTS TO BASEMENT MODEL CAMPERS
- ▶▶ 100% ALUMINUM AND STAINLESS STEEL
- ▶▶ STAINLESS BOLTED HINGES ALLOW FOR EASY STEP ADDITION OR REMOVAL (ADD-A-STEP KIT PART # A7501)



Glow-Step Lock



Part #: A7509

Add-a-Step



Part #: A7501



2 Step - A7502	Mounting Bracket Height -19.5"	Max Weight Cap.: 325lbs.
3 Step - A7503	Mounting Bracket Height -27"	Max Weight Cap.: 325lbs.
4 Step - A7504	Mounting Bracket Height -34.5"	Max Weight Cap.: 325lbs.
5 Step - A7505	Mounting Bracket Height -42"	Max Weight Cap.: 250lbs.
6 Step - A7506	Mounting Bracket Height -49.5"	Max Weight Cap.: 250lbs.

Frame Mounted Tie Downs



Leading the camper tie down industry in strength, quality, advanced design and installation. TorkLift TRUE frame mounted tie downs are far superior to all tie down systems available.

The TorkLift system is unique in its design and is patented. Four independent tie down points (with no belly or crossbar) working much like your receiver type trailer hitch as the inserts are removable allowing the system to be virtually undetectable when not in use.

They are designed for each make and model to fit tight to the frame so as not to compromise ground clearance. TorkLift tie downs are not universal 'one size fits all' therefore all the problems with correct fit for each particular application have been eliminated.

**VISIT WWW.TORKLIFT.COM
FOR MORE INFORMATION**

Super Hitch

High strength extended hitch system engineered for safely towing all types of trailers behind your truck and camper. With a towing capacity of 12,000 lbs. with an extension, (17,000 lbs. without) the SuperHitch is rated the strongest in the industry.



CONTACT YOUR LOCAL DEALER FOR MORE DETAILS

INSTRUCTIONS FOR FINISH MAINTENANCE OF TORKLIFT PRODUCTS

POWDER COATED STEEL:

To keep your Torklift products looking good follow these guidelines. All steel powder coated Torklift products are sandblasted for maximum adhesion and use a high quality industrial urethane based powder coat. Due to the extreme, harsh, undercar environment that your Torklift products live in, (consistently sprayed with corrosive road chemicals such as salt, and road debris), Torklift does not warranty the power coated finish.

To minimize corrosion from these factors on powder coated steel products, Torklift recommends regularly cleaning and inspecting the powder coated surface and touching up any affected areas with an enamel or urethane based aerosol paint product. If there are any areas of surface rust, there are also aerosol spray rust converters available on the market that can be used as a preparation to touch-up paint application. These finish maintenance products are available at any automotive parts supplier.

POLISHED STAINLESS STEEL :

Torklift utilizes quality grade 304 stainless steel in our stainless steel polished products. 304 stainless steel is well known for its anti-corrosive properties. However, in some environments such as coastal regions or when coming in contact with some road chemicals, corrosion may occur.

For a quick clean simply use WD40 and a cloth rag. We also recommend occasional polishing of our polished stainless products to maintain their attractive finish. Use an approved stainless steel chrome or aluminum mag wheel polish cleaning product which can be purchased from any automotive parts supplier.



322 N. RAILROAD PHONE (800) 246-8132
KENT, WA 98032 FAX (253) 854-8003

OR VISIT OUR WEBSITE: WWW.TORKLIFT.COM

Dear Valued Customer,

Thank you for making TorkLift your choice for truck, camper packages and accessories for your vehicle. By choosing TorkLift products, you have chosen a company that has been serving the RV industry for nearly 40 years and whose name has become synonymous with strength, quality and advanced design and installation.

Please take a few moments of your time to complete the Product Registration Warranty Card on the next page. When registering your newly purchased TorkLift products, you can be assured that your contact information is secure and that you and your product are getting the attention and respect that you deserve.

Thank you again for choosing TorkLift quality products.

Register for your lifetime warranty and receive a free Torklift International gift.

To Fax: Send copies of the questionnaire, warranty card and receipt to 253-854-8003

To E-mail: Send copies of the questionnaire, warranty card and receipt to warranty@torklift.com

To Mail: Send to Torklift International 322 Railroad Ave., Kent, WA 98032



OFFICIAL WARRANTY REGISTRATION CARD

PLEASE FILL OUT THIS FORM COMPLETELY AND RETURN TO TORKLIFT WITHIN 30 DAYS OF PURCHASE, ACCOMPANIED BY A COPY OF YOUR ORIGINAL RECEIPT

TODAY'S DATE: _____

1. PART(S) PURCHASED

PART #: _____ PART #: _____
PART #: _____ PART #: _____

2. PURCHASER INFORMATION

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP / POSTAL CODE: _____

PHONE: _____ EMAIL: _____

3. TRUCK INFORMATION

YEAR: _____ MAKE: _____

MODEL: _____ BED LENGTH: _____

4. CAMPER INFORMATION

YEAR: _____ MAKE: _____ MODEL: _____

5. DEALER INFORMATION

PURCHASED FROM: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP / POSTAL: _____

INSTALLED BY: OWNER ABOVE DEALER ANOTHER DEALER

IF ANOTHER DEALER, WHO: _____