

TRUE FRAME MOUNTED CAMPER TIE DOWNS

IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS

C2214/FMTPJ11NDCHLB

CHAIN AND CLEVIS REMOVED 07.06.2011

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

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!



REVISED vers5 BY: MWP 3/15/2013

TECH SUPPORT (800) 246-8132

AFTER INSTALL, PLEASE GIVE THIS BOOKLET TO YOUR CUSTOMER

C2214 PARTS INVENTORY

- 2- TIE DOWN FRAME PLATE
- 2- REGULAR STRAIGHT TIE DOWN INSERT
- 2- 5/16" HOOK BRACKET
- 6- 1/2" X 1-1/2" GR8 BOLT
- 2- 1/2" X 3-1/2" GR8 BOLT
- 2- 1/4" SNAPPER INSERT PIN
- 1- 2 HOLE STRAP
- 2- ZIP TIE
- 2- 3 HOLE STRAP
- 2- 3/8" X 1-1/4" GR5 BOLT
- 2- 3/8" LOCK WASHER

- 2- 4 HOLE ANGLE TIE DOWN FRAME PLATE
- 2- 3/4" JAM NUT
- 2- 3/4" FLAT WASHER
- 2- 3/4" X 4-1/2" GR8 BOLT
- 2- 3/4" LOCK WASHER
- 2- 1/2" FLAT WASHER SAE
- 8- 1/2" LOCK WASHER
- 8- 1/2" GR8 HEX NUT
- 4- 1/2" STAR WASHER
- 2- 3/8" GR5 HEX NUT

INSTALLATION INSTRUCTIONS:

LOCATE AND INVENTORY ALL PARTS TO BECOME FAMILIAR WITH ALL BRACKETS. READ AND UNDERSTAND ALL INSTRUCTIONS. MAKE SURE THE VE-HICLE IS IN PARK, ON A LEVEL SURFACE AND WHEELS ARE CHOCKED BEFORE STARTING THE INSTALLATION. * NOTE: SOME VEHICLES ARE SLIGHTLY DIFFERENT, LOOK FOR THE BED MOUNT PERCH AS A REFERENCE POINT.

STEP 1

Locate the drivers side rear cab mount and drivers side front bed cross member perch. Using one 3 HOLE STRAP, insert one 1/2" X 3-1/2" GR8 BOLT and one 1/2" STAR WASHER onto the last oval slot. Place the 3 HOLE STRAP behind the bed cross member perch with the bolt protruding to the outside. (The oval hole to the rear of the vehicle, with the 1/2" hole towards the front of the vehicle) place one 5/16" HOOK BRACKET onto the 1/2" X 3-1/2" GR8 BOLT, hooking it to the bed mount perch. SEE PHOTO 1.1, 1.2 & 1.3

STEP 2

ZIP TIE e-brake cables between the cab mount and the bed mount. Then locate the drivers side 4 HOLE ANGLE TIE DOWN FRAME PLATE. Just below the cab mount perch, line up the 3/4" hole in the 4 HOLE ANGLE TIE DOWN FRAME PLATE with the hole in the frame. (The angle with the two holes facing rear-ward) insert the supplied 3/4" X 4-1/2" GR8 BOLT through the hole. On the back side of the frame in front of the fuel tank, place one 3/4" FLAT WASHER, one 3/4" LOCK WASHER and one 3/4" JAM NUT onto the 3/4" X 4-1/2" GR8 BOLT. Hand tighten. SEE PHOTO 2.1, 2.2 & 2.3

STEP 3

Next, locate the drivers side TIE DOWN FRAME PLATE with the receiver and place it in the gap between the cab mount and the bed mount perch. Line up the top hole on the TIE DOWN FRAME PLATE with the 3 HOLE STRAP. Place one 1/2" X 1-1/2" GR8 BOLT and one 1/2" STAR WASHER though the 3 HOLE STRAP and TIE DOWN FRAME PLATE. Install one 1/2" FLAT SAE, one 1/2" LOCK WASHER and one 1/2" GR8 HEX NUT onto the previously installed bolt. Insert two 3/8" X 1-1/4" GR5 BOLT into each of the two holes in the gusset above the receiver. Place the 2 HOLE STRAP over those bolts and follow with a 3/8" LOCK WASHER and 3/8" GR5 HEX NUT SEE PHOTO 3.1, 3.2 & 3.3

STEP 4

Line up the TIE DOWN FRAME PLATE with the 4 HOLE ANGLE TIE DOWN FRAME PLATE, place one 1/2" X 1-1/2" GR8 BOLT through each hole in the 4 HOLE ANGLE TIE DOWN FRAME PLATE. Fasten with one 1/2" LOCK WASHER, one 1/2" GR8 HEX NUT. SEE PHOTO 4.1 & 4.2

STEP 5

Press up on the bottom of both tie down frame plates and tighten the previously installed 1/2" fasteners from step 4. **-Torque to 80 Ft. Lbs.**

* NOTE: THE E-BRAKE CABLE MAY RUB AGAINST THE TIE DOWN RECEIVER. THIS IS OKAY DUE TO THE PROTECTIVE PLASTIC AND RUB-BER COATING CHEVROLET PUTS ON THEIR VEHICLES.

STEP 6

For passenger side installation, repeat steps 1-7 on passenger side.

*The 2 hole strap is only used on the drivers side.

STEP 7

Tighten all 3/8" GR5 fasteners to 35 ft-lbs with a Torque Wrench Tighten all 1/2" GR8 fasteners to 60 ft-lbs with a Torque Wrench* Tighten all 3/4" GR8 fasteners to 60 ft-lbs with a Torque Wrench

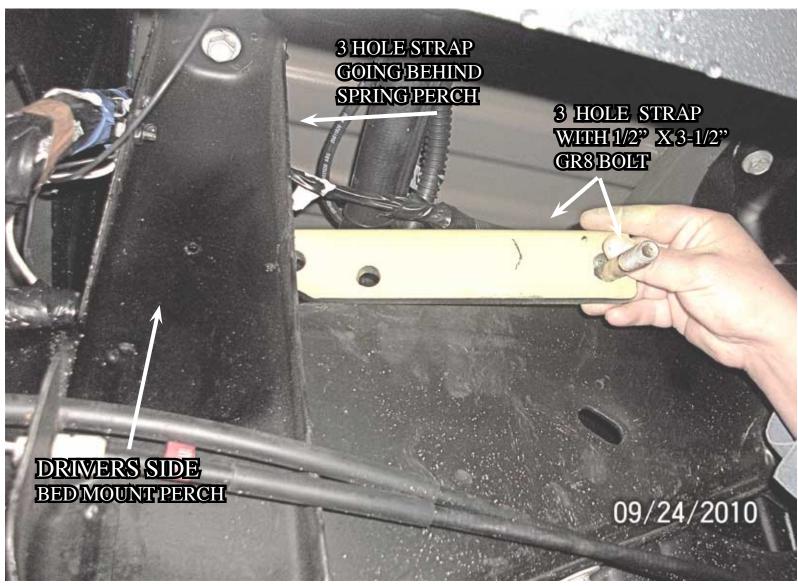
*Unless otherwise noted

* NOTE: ALL PHOTOS ARE OF DRIVERS SIDE INSTALLATION

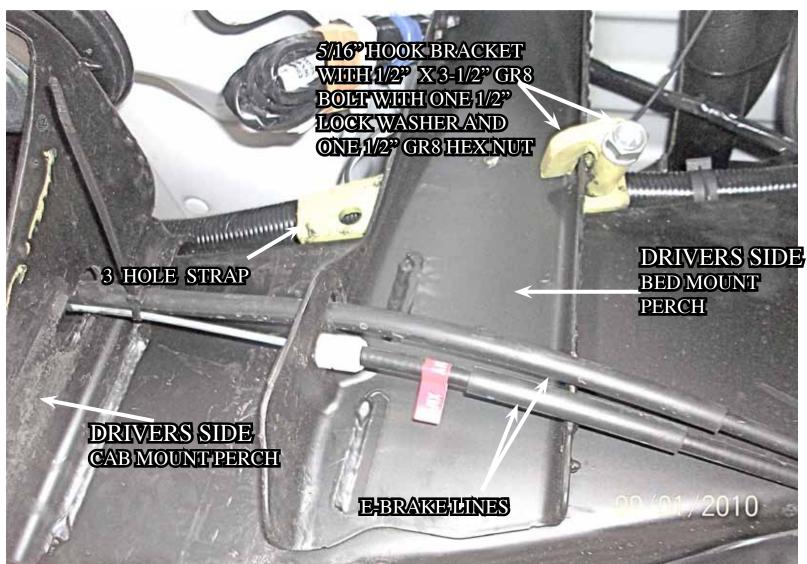
РНОТО 1.1



РНОТО 1.2



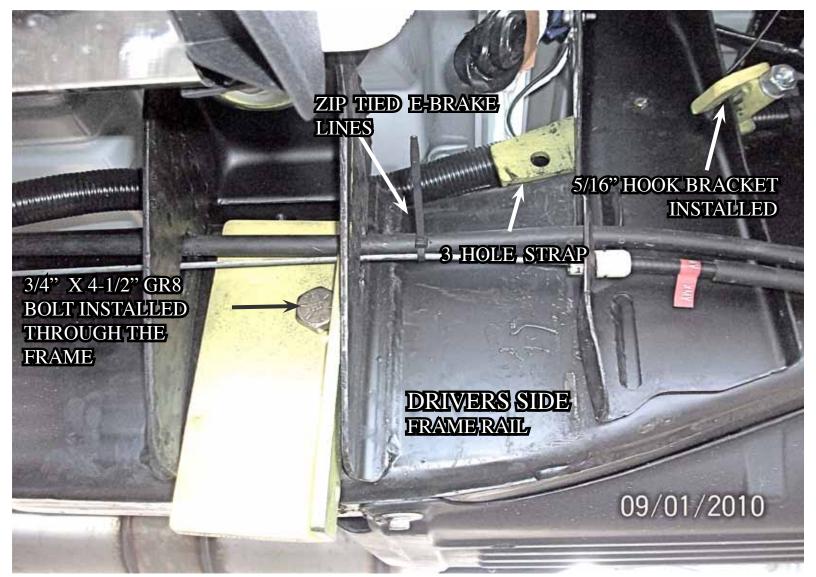
РНОТО 1.3



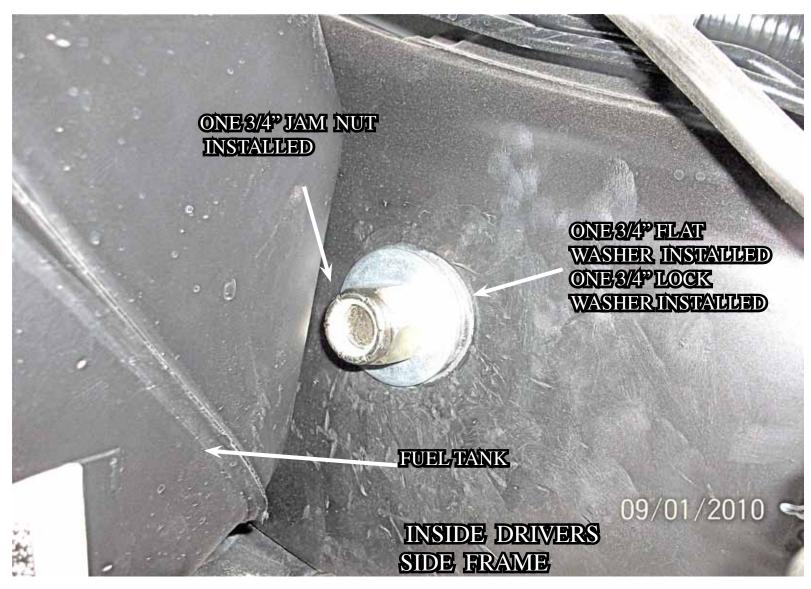
РНОТО 2.1



РНОТО 2.2



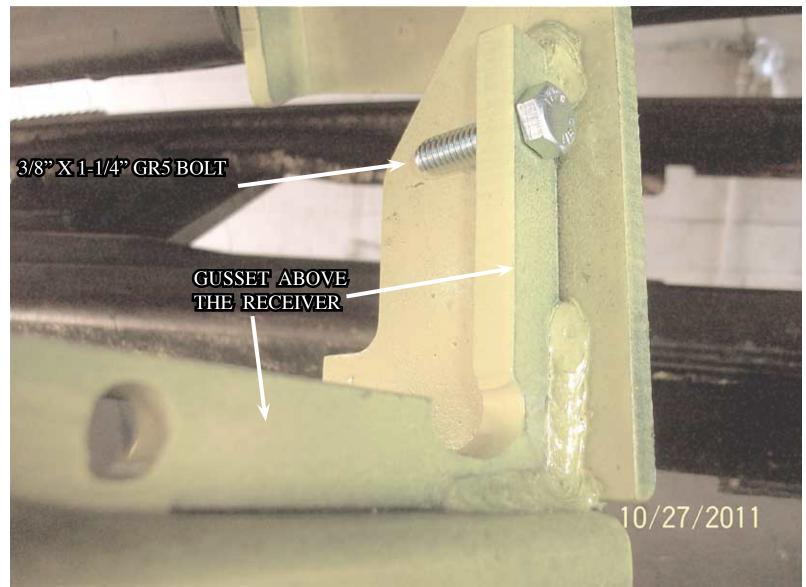
РНОТО 2.3



РНОТО 3.1



РНОТО 3.2



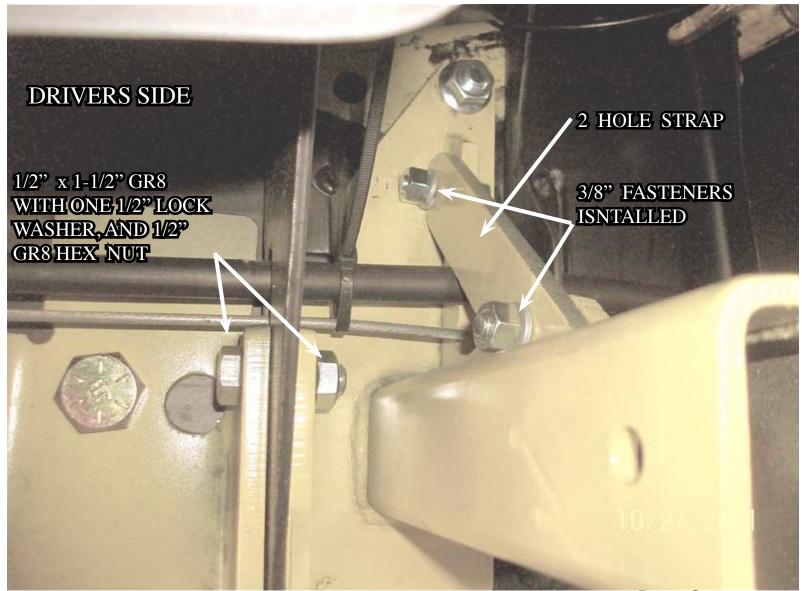
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РНОТО 3.3
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2 HOLE STRAP

GUSSEF ABOME

IDRIMERS SIDE RECEIMER

PHOTO 4.1



10/27/2011

РНОТО 4.2

IDRIVIERS SIDE



INSTRUCTIONS FOR MAINTENANCE OF POLISHED STAINLESS STEEL PRODUCTS



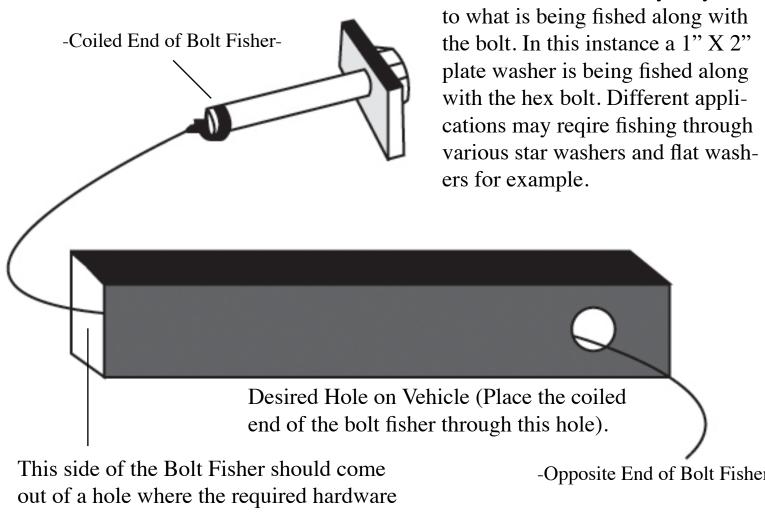
Torklift utilizes quality grade 304 stainless steel in this product.

304 stainless steel is well known for its anti corrosive properties, however in some environments such as coastal regions or when in contact with some road chemicals, corrosion may occur.

We recommend occasional polishing of our product to maintain its attractive finish. Use an approved stainless steel cleaning/polishing product which can be purchased from any automotive supplier.

TORKLIFT'S BOLT FISHING GUIDE

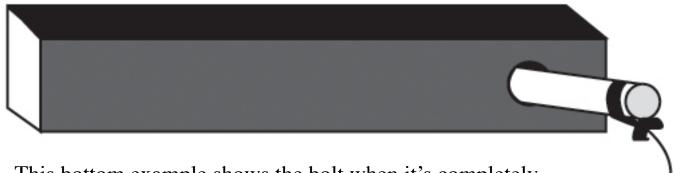
Your guide to understanding the installation of our frame mounted tie downs.



(for example 1" X 2" plate washer) can pass through.

-Opposite End of Bolt Fisher-

Note: The hardware may vary as



This bottom example shows the bolt when it's completely fished through the vehicle. You may find it easier to keep the bolt fisher attached until you get the tie down receiver in place so that the bolt doesn't fall into the vehicle frame.

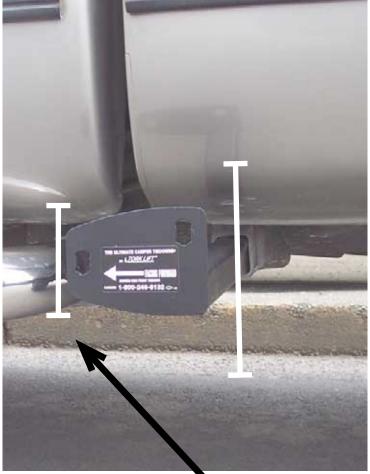
WARNING: PULLING TOO HARD ON THE BOLT FISHER CAN RESULT IN LOST FASTENERS, OR BROKEN BOLT FISHER.

TIEDOWN INSERT INSTALLATION INSTRUCTIONS

On one end of each of your tiedown inserts is a triangular plate referred to by Torklift as a bullet plate. Your tiedown inserts should be installed with the shorter side of the bullet plate facing away from each other, i.e.. The shorter side of the front insert should point to the front of the truck and the shorter side of the rear insert should point towards the rear of the truck.

Once installed, attach the TorkLift directional stickers to the face of the bullet plate on the insert as a reminder.

DRIVERS SIDE FRONT



DRIVERS SIDE REAR





RECOMMENDED TRUCK CAMPER INSTALLATION INSTRUCTIONS

When securing any heavy load (especially a camper) in your truck bed, your front tie down points should pull the load forward as much as possible. Some camper anchor points may differ with different manufacturers, as well as the camper jack mounting locations. Your Torklift tie down inserts have offset triangular brackets to increase the angle of pull. These are designed to be used in the front facing forward, and the rear facing rearward but can be used in either front or rear. These

recommendations are to be considered and followed as a basic rule of thumb. Obviously there will be some applications where this may not be possible. At a minimum, if opposite pull of both front and rear tiedowns cannot be achieved for whatever reason, you should have at least a forward pull at the front or rear location.

If your camper does not come with Rubber Bumpers on the front lower portion of the camper, installing Rubber Bumpers (Torklift has Rubber Bumpers available Part A7001) or using a block of wood such as a 2 x 4 in the bed, will prevent the camper from damaging

A7001) or using a block of wood such as a 2 x 4 in the bed, will prevent the camper from damaging the front bulk head of the truck bed.

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 reccommendation simply as a safety precaution to protect the truck bed, the bottom of the camper and to give the camper additional support.

TORKLIFT DOES NOT RECOMMEND: Installing your truck camper in your truck on top of a drop in plastic bed liner!!! 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, and camper damage!

INSTRUCTIONS FOR FINISH MAINTENANCE OF TORKLIFT PRODUCTS

POWDER COATED STEEL:

To keep your Torklift products looking good follow these guidlines. 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, (consistantly 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.



PART NUMBER: A7009



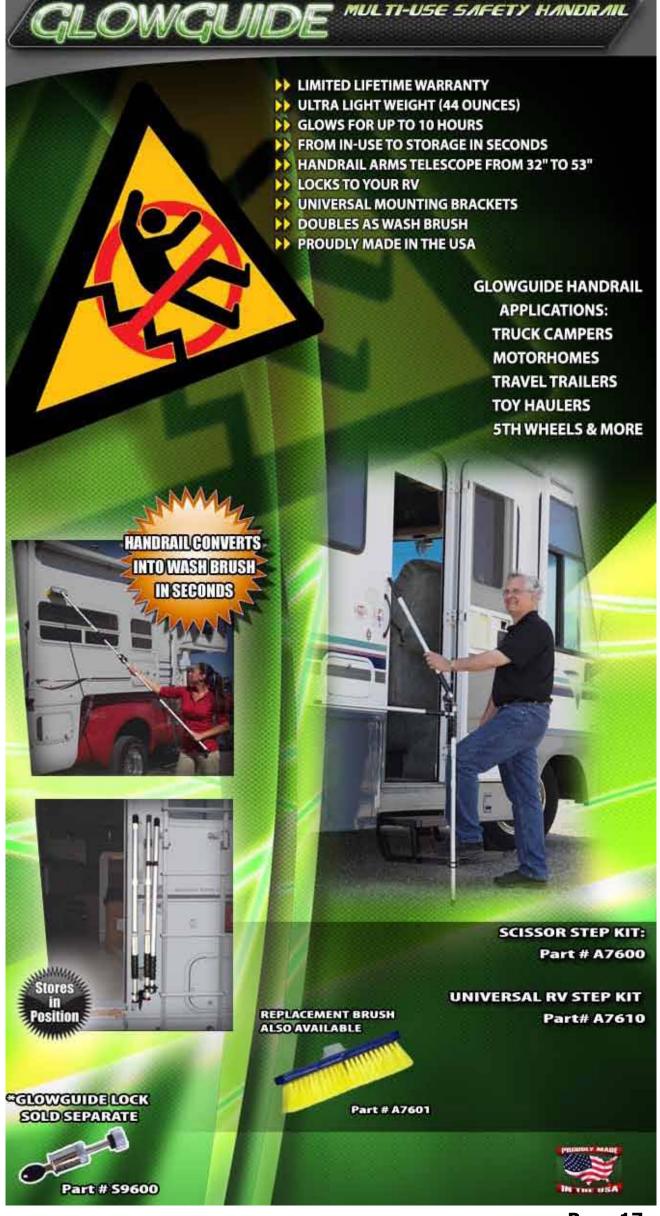


with GlowGuide Handrail**

6 Step - A7506 Mounting Bracket Height -49.5"

Max Weight Cap.: 300lbs. with GlowGuide Handrail**

** Maximum GlowStep capacity only achieved when used with GlowGuide handrail system. Maximum GlowStep capacities are 25 lbs less WITHOUT GlowGuide handrail. GlowGuide handrail system sold separately





"(I have the) SuperHitch with 36" Extension. It's heavy, but worth it towing horses. Plus I use the Torklift tie downs AND I have always been able to get them on the phone for help when needed. To me, that is priceless."

> Jon Schuman Pasadena, CA

- Lifetime warranty
 17k weight distributing
- 15k weight carrying
- Highest ratings in the industry
- No-drill (most applications)
- Hardened reinforced hitch pin locations
 2"x2" upper and lower receiver
 Made in the USA
 High penetration dual shield welding
 Same capacity in upper or lower receiver





Hiddenpover

Under bed auxiliary battery mount

 Yellow to show contrast, product is black

MFG #: Ford A7703 Other applications coming soon

- Add additional batteries under your truck bed
- No-drill / easy install
- Attaches and detaches quickly for battery service
- Securely clamps to truck frame
- Hidden when in use
- No loss of ground clearance
- Lifetime warranty
- High impact powder coat black
- Works with group 24 and 27 batteries

Kit Includes:

- Battery box frame mount
- Mounting fasteners
- 2 Quick disconnect 10 to 8 gauge connectors male & female 12 volt

Comes with Group 27 battery box - A7727 Comes with Group 24 battery box - A7724 No battery box included - A7703

IN THE USA





Kit includes:

Protect expensive

propane tanks

from theft!

Kit includes:
One GasLock assembly
One lock with 2 keys

Allows tanks to be securely

- locked to trailers, towables and RVs
- The only lock available for propane tanks in the industry
- No tools, no modifications

MFG Part#

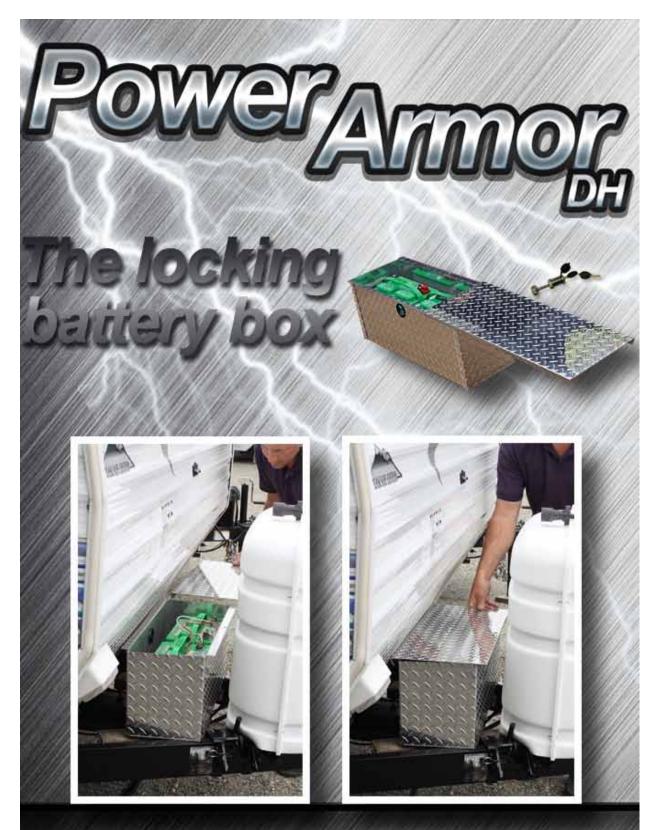
7/7/0

Affordable investment

1/2" GasLock set

3/8" GasLock set

High impact aircraft grade aluminum



Battery box MFG#: A7700 Lock MFG#: \$9501

- Frevents battery theft
 Bolts to your trailer tongue
 Holds up to two spare batteries, group 24 or 27
 Lifetime warranty
 Heavy gauge diamond plate aluminum
 Slide ter for the batteries

- For easy battery access

*Kit Includes: **F** Battery box **F Lock**

*Batteries not included

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. Tork-Lift 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

Original SuperHitch & SuperHitch Magnum

High strength extended hitch system engineered for safely towing all types of trailers behind your truck and camper. With a max towing capacity of 14,000 lbs. with an extension*, (17,000 lbs. to 20,000 lbs. without*) the Original SuperHitch and Superhitch Magnum are rated the strongest in the industry.



CONTACT YOUR LOCAL DEALER FOR MORE DETAILS *Weight capacity vary depending on the SuperHitch and SuperTruss extension setup.

TURNBUCKLE SPRINGLOAD OPTIONS CONTACT YOUR LOCAL DEALER FOR MORE DETAILS

Torklift requires all 4 tiedown points to be spring loaded in order to qualify for our manufacturer's

Industry Exclusive "Camper Anchor" and "Truck Frame" Warranty

BASIC SPRINGLOAD KIT -

S9000

Includes 2 External Springload Cylinder Units, 2 Heavy Duty Forged Turnbuckles and 24" of Chain. Also comes with the TorkLift Lifetime Guarantee.





FASTGUNS LEVER ACTION TURNBUCKLES FOR BED MOUNTED TIEDOWNS S9520-GREY SS / S9521-WHITE SS / S9527-POLISHED SS

FOR FRAME MOUNTED TIE DOWNS S9522-GREY SS/ S9523-WHITE SS/ S9526-POLISHED SS S9529-BLACK SS

FRAME OR BUMPER MOUNTED TIEDOWNS Includes 2 Stainless Steel Turnbuckles with an Internal "Set" Spring. Available in 2 Lengths and 4 Finishes (Grey, White, Polished Stainless Steel and Black) Also comes with the TorkLift Lifetime Guarantee.

FASTGUN DERRINGERS Polished Stainless S9528

Transforms Your Pre-Existing Conventional Turnbuckles into a Lever Action FastGun Style Turnbuckle. Kit includes 4 Lever Action Derringers. Also comes with the TorkLift Lifetime Guarantee.





SPRINGLOAD XL KIT - S9050A

This set includes 2 Long Square Bodied Turnbuckles with an Internal "Set" Spring. The Springload XL Kit comes with a High Impact Powdercoated Finish and is compatible with the FastGun Derringer handles. Also comes with the TorkLift Lifetime Guarantee.

Torklift International Limited Lifetime Warranty Information

1901 Fryar Ave Sumner, WA 98390

Torklift will require proof of purchase to register, with pictures of any defective product before issuing a replacement. Torklift will not register any product without proof of purchase, which can be faxed, scanned, emailed, or mailed to the information provided below. Torklift warrants it's hitches, custom hitch receivers, frame mounted tie downs, turnbuckles, and accessories (excluding wireharnesses which carry a 90 day warranty) from date of purchase against defects in material and workmanship under normal use and service for the ownership life of the original consumer purchaser. ALL COMMERCIAL APPLICATIONS ARE WARRANTED FOR A PERIOD OF 90 DAYS FROM THE DATE OF INSTALLATION/SERVICE. Torklift will replace FREE OF CHARGE any part which proves defective in material or workmanship when presented to Torklift, TRANSPORTATION CHARG-ES PREPAID by purchaser, at the address above. THIS WARRANTY IS LIMITED TO DEFECTIVE PARTS REPLACEMENT ONLY. LABOR CHARGES AND/OR DAMAGE INCURRED IN INSTALLATION OR REPLACEMENT, AS WELLAS INCIDENTAL AND CONSEQUENTIAL DAMAGES CONNECTED THEREWITH ARE EXCLUDED. This warranty does not include the finish or paint on our products. Rusting, cracking or peeling of the finish is also excluded. 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. Any damage to Torklift products as a result of misuse, abuse, neglect, accident, improper installation or any use violative of instructions furnished by Torklift or WHEN USED IN ANY COMMERCIAL APPLICATION WILL VOID THE WARRANTY. This warranty gives you specific legal rights, and you may also have rights which vary from state to state. With warranty service, you may be able to go to a small claims court, a state court or a federal district court.



1901 Fryar AvenuePhone (800) 246-8132Sumner WA, 98390Fax (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 synonomous 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 1901 Fryar Ave Sumner, Wa 98390

	INTERNATIONAL
uck/ea	Imper Packages & Accessor
PLEASE FILL	CIAL WARRANTY REGISTRATION CARD OUT THIS FORM COMPLETELY AND RETURN TO TORKLIFT WITHIN PURCHASE ACCOMPANIED BY A COPY OF YOUR ORIGINAL RECEIP
	TODAY'S DATE:
. PART(S) P	PURCHASED
PART#:	PART#:
PART#:	PART#:
. PURCHAS	ER INFORMATION
NAME:	
ADDRESS:	
 CITY:	STATE: ZIP / POSTAL CODE:
PHONE: (EMAIL:
. TRUCK IN	FORMATION
YEAR:	MAKE:
	BED LENGTH:
. CAMPER I	INFORMATION
YEAR:	MAKE: MODEL:
5. DEALER I	NFORMATION
PURCHASED F	ROM:
ADDRESS:	
	STATE: ZIP / POSTAL:
INSTALLED BY	OWNER ABOVE DEALER ANOTHER DEALER