



## **TRUE FRAME MOUNTED CAMPER TIE DOWNS**

### **D3107/ FMT09DGRO6.5**

**REAR TIEDOWNS W/ FACTORY INSTALLED RECEIVER  
APPLICATION FITS**

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!

## D3107 PARTS INVENTORY

2- Tie Down Receiver	2- Double Bent Insert
2- 2" x 3" Plate Washer	2- 1/4" Pin
4- 1/2" Star Washer	2- 1/2" Lock Washer
2- 1/2"-13 x 1-1/2" Hex Bolt	2- 1/2"-13 x 2" Hex Bolt

**NOTE: YOU MUST INSTALL THESE TIEDOWNS ONE SIDE AT A TIME. REMOVING BOLTS ON BOTH SIDES OF THE TRUCK AT THE SAME TIME CAN RESULT IN YOUR REAR BUMPER SLIPPING AND MAY CAUSE INJURY AND/OR DAMAGE!**

**Step 1:** Driver Side - Locate the forward factory hitch attachment bolt on the outside of the frame. This is a grey colored bolt that runs through the frame. See Photo "A". This bolt will need to be removed and set aside for later re-install.

**Step 2:** Next, your tie down receiver needs to be slid into the end of your factory hitch, with the welded bracket facing toward the front of the truck. The hole in this welded bracket will line up with the hole from the bolt that was previously removed in step 1. **\*NOTE\***- it is easier to install the tie down receiver and a lower risk of scratching the vehicle if you rotate the tie down receiver 90 degrees so that the welded bracket faces rearward, once the receiver tube is inside the hitch crosstube you can begin to rotate it back towards the front of the truck. See photos B, C, D.

**Step 3:** Once the receiver is fully inside the crosstube, the hole in the welded bracket will be lined up with the hole in the frame, re-install the bolt that was removed earlier. Be sure to only hand tighten!!

**Step 4:** Next, locate the hole on the bottom of the hitch cross tube. This is where the supplied 1/2"-13 x 1-1/2" Hex Bolt, 1/2" Lock Washer, 1/2" Star Washer, and 2" x 3" Plate Washer will be installed up into the tie down receiver as seen in Photos E,F,G. The 2" x 3" Plate Washer will sit inside the factory 3" hitch plates snug as seen in Photo G. Note: On some 2013 and newer models you will need to use the supplied 1/2"-13 x 2" Hex Bolt.

**Step 5:** Tighten the bolts to 75 ft pounds.

**Step 6:** Re-tighten the factory bolt removed earlier.

Repeat steps 1-7 for passenger side.

**Photo A (DRIVER SIDE)**



**Photo B (PASSENGER)**



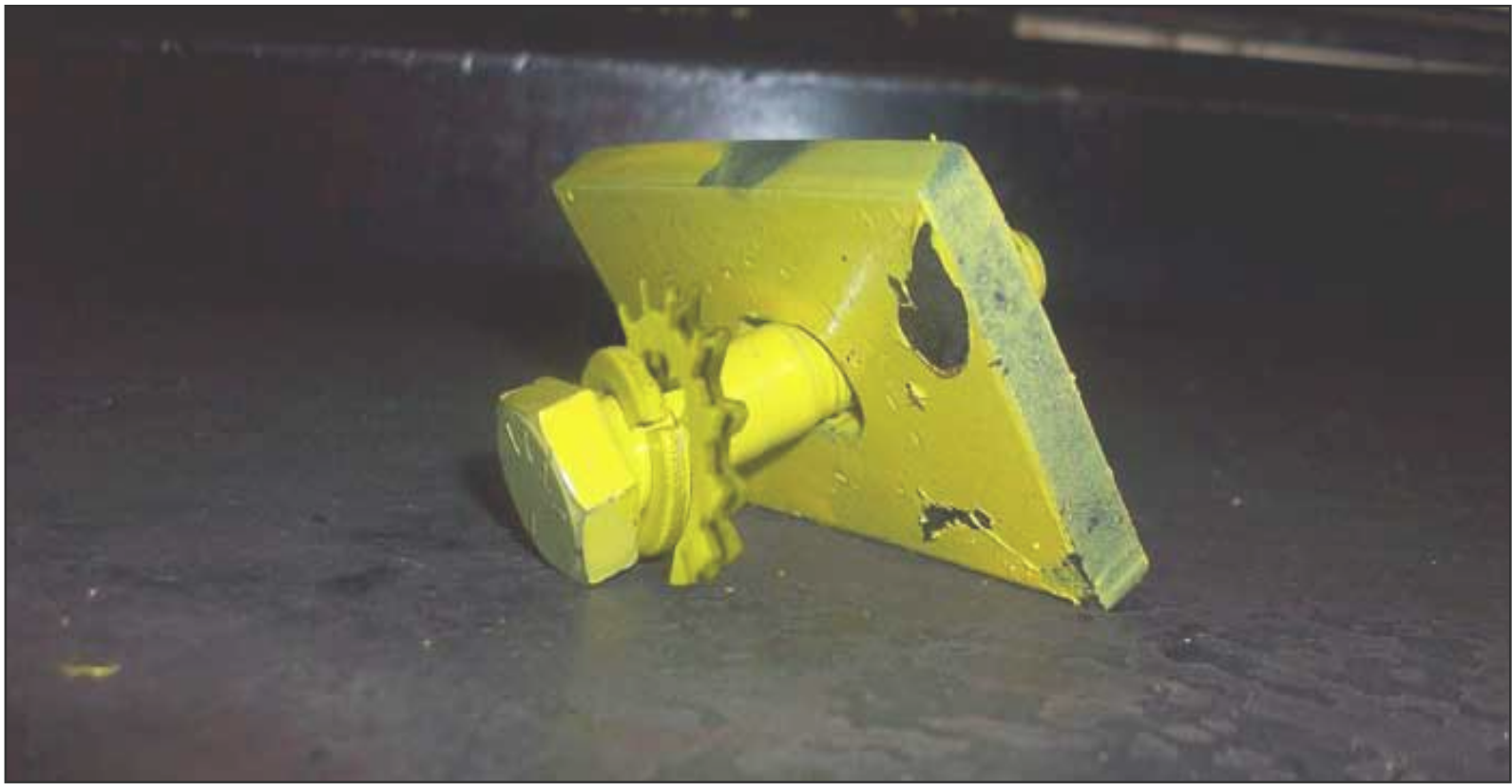
**Photo C (PASSENGER)**



**Photo D (PASSENGER)**



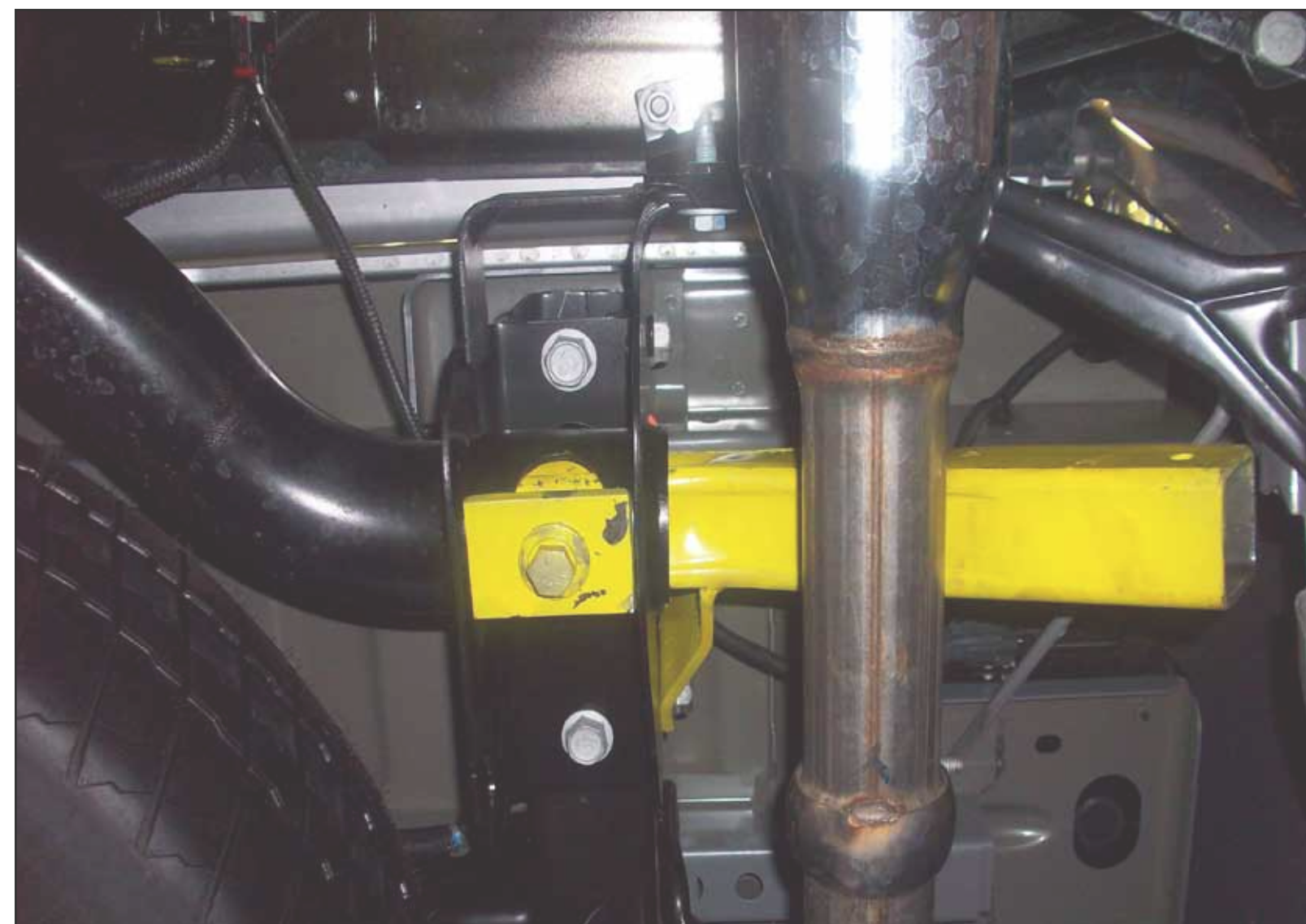
**Photo E**



**Photo F (PASSENGER)**



**Photo G (PASSENGER)**



**Finished (PASSENGER)**



# **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.**

## 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.

---

## Original SuperHitch & SuperHitch Magnum

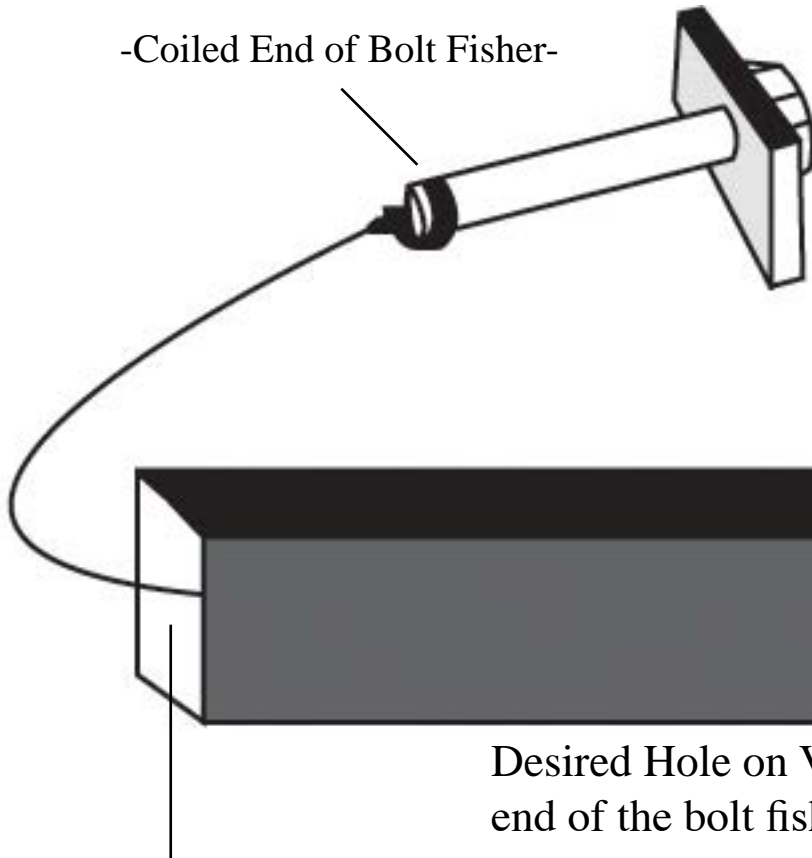
High strength extended hitch system engineered for safely towing all types of trailers behind your truck and camper. With a max towing capacity of 14,000 lbs. with an extension\* , (17,000 lbs. to 20,000 lbs. without\*) the Original SuperHitch and SuperHitch Magnum are rated the strongest in the industry.



# TORKLIFT'S BOLT FISHING GUIDE

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

-Coiled End of Bolt Fisher-

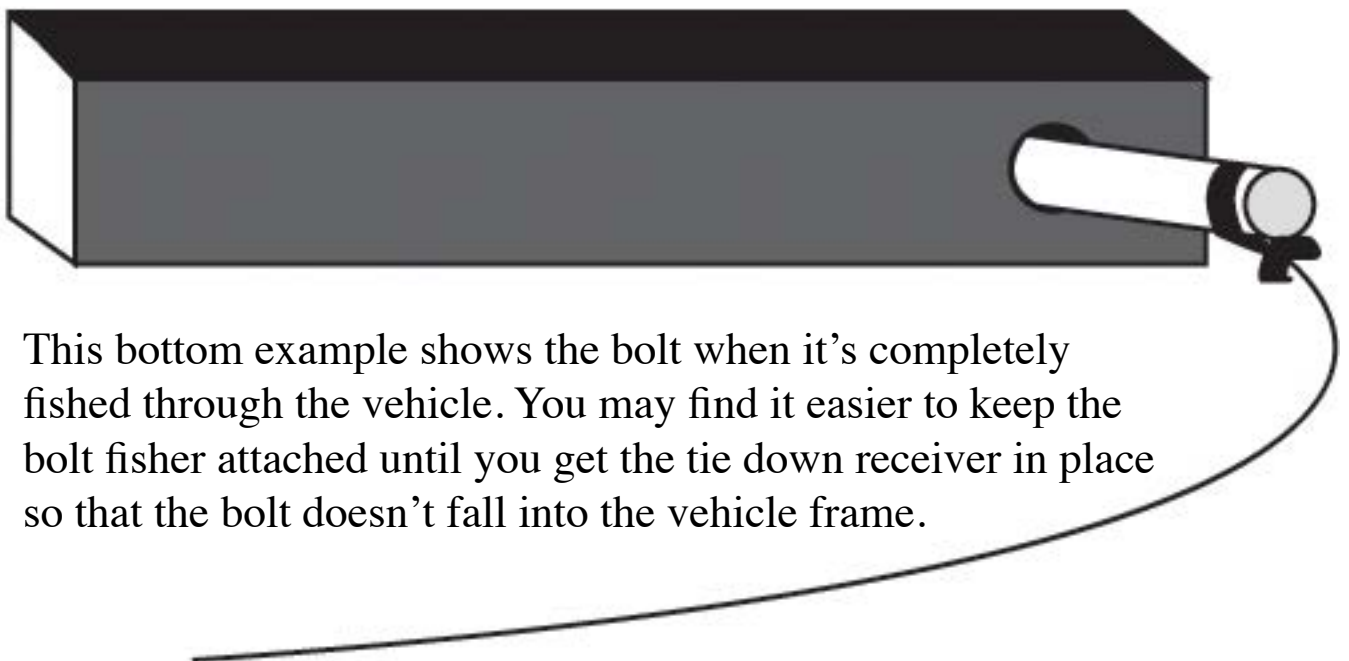


Note: The hardware may vary as to what is being fished along with the bolt. In this instance a 1" X 2" plate washer is being fished along with the hex bolt. Different applications may require fishing through various star washers and flat washers for example.

Desired Hole on Vehicle (Place the coiled end of the bolt fisher through this hole).

This side of the Bolt Fisher should come out of a hole where the required hardware (for example 1" X 2" plate washer) can pass through.

-Opposite End of Bolt Fisher-



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.

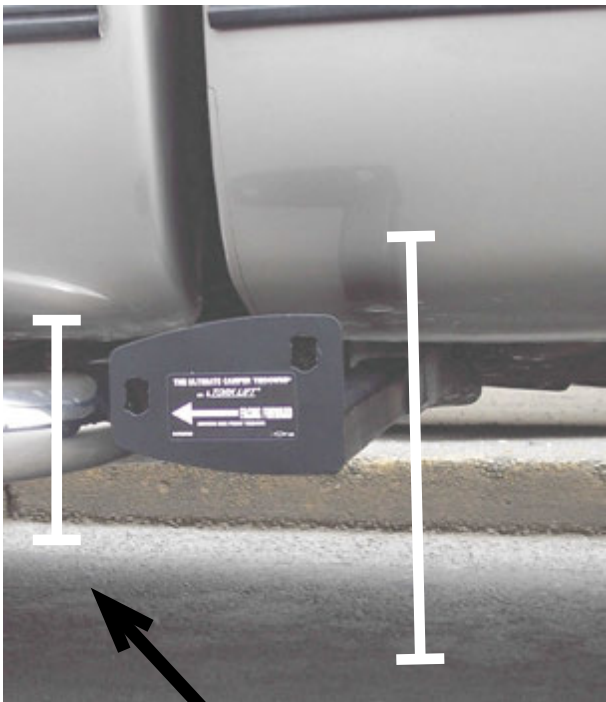
**WARNING: PULLING TOO HARD ON THE BOLT FISHER CAN RESULT IN LOST FASTENERS, OR BROKEN BOLT FISHER.**

# ***TIE DOWN INSERT INSTALLATION INSTRUCTIONS***

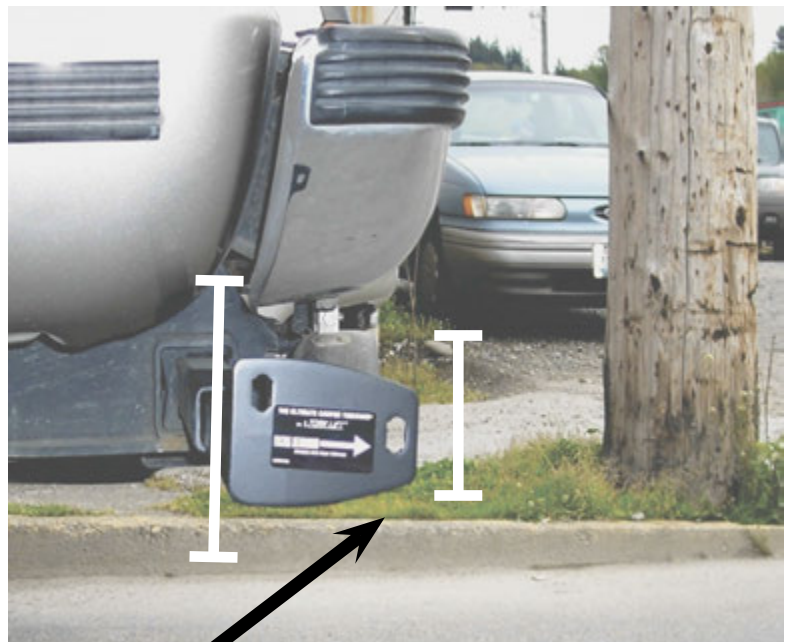
*On one end of each of your tiedown inserts is a triangular plate referred to by TorkLift as a bullet plate. Your tiedown inserts should be installed with the shorter side of the bullet plate facing away from each other, i.e.. The shorter side of the front insert should point to the front of the truck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



***SHORTER SIDE***

# 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 Powder-coated Finish and is compatible with the FastGun Derringer handles. Also comes with the TorkLift Lifetime Guarantee.

# **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 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 recommendation 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 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 powder 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.