



TRUE FRAME MOUNTED CAMPER TIE DOWNS

IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS C3212/FMT11CHRO-ALL

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!

C3212 PARTS

2 - TIE-DOWN RECEIVER	4 - 7/16" FLAT WASHER
2 - STANDARD BENT TIE-DOWN INSERT	
2 - SNAPPER PIN	4 - 7/16" LOCK WASHER
1 - 1/2" BOLT FISHER	
2 - 1/2" BEVEL WASHER	4 - 7/16"-14 X 1-3/4" GRD 8 BOLT
4 - 1/2" STAR WASHER	4 - 7/16"-14 GRD 8 NUT

INSTALLATION INSTRUCTIONS:

LOCATE AND INVENTORY ALL PARTS TO BECOME FAMILIAR WITH ALL BRACKETS. READ AND UNDERSTAND ALL INSTRUCTIONS. MAKE SURE THE VEHICLE IS IN PARK, ON A LEVEL SURFACE AND WHEELS ARE CHOCKED BEFORE STARTING THE INSTALLATION.

Step 1

Starting on the passenger side, locate the rear leaf spring perch. Take one 7/16"-14 x 1-3/4" GRD 8 Bolt place a star washer and then a bevel washer on the bolt. Using the 1/2" bolt fisher, fish the 7/16"-14 x 1-3/4" GRD 8 Bolt into the large hole on the back side of the spring perch and out of the hole that is toward the middle of the truck on the bottom of the perch. Position the 7/16"-14 x 1-3/4" GRD 8 Bolt to be angled toward the outside of the truck using the 1/2" bevel washer. Insert the bolt fisher through the next hole on the bottom of the spring perch and out the large hole on the back side of the frame. Place a 1/2" star washer onto one 7/16" -14 x 1-3/4" GRD 8 Bolt and thread it onto the bolt fisher and pull through. (**See Photo A, B & C**)

STEP 2

Towards the rear of the frame, there are two factory bolts holding the bumper bracket to the frame, remove the bottom bolt. The tie down upper strap will connect to the frame via this factory bolt. Locate the rear passenger tie down and fit it to the frame. (**See Photo D, E**)

Step 3

Re-install the factory bolt with the upper strap connected to the frame. With the tie down plate against the rear spring perch, insert one 7/16" flat washer, one 7/16" lock washer, and one 7/16"-14 GRD 8 Nut onto each of the bolts previously installed. (**See Photo F, G**)

Step 4

Repeat steps on driver side install.

Step 5

Tighten all GRD 8 bolts to 60 FT-lbs with a Torque Wrench.

PHOTO A



PHOTO B

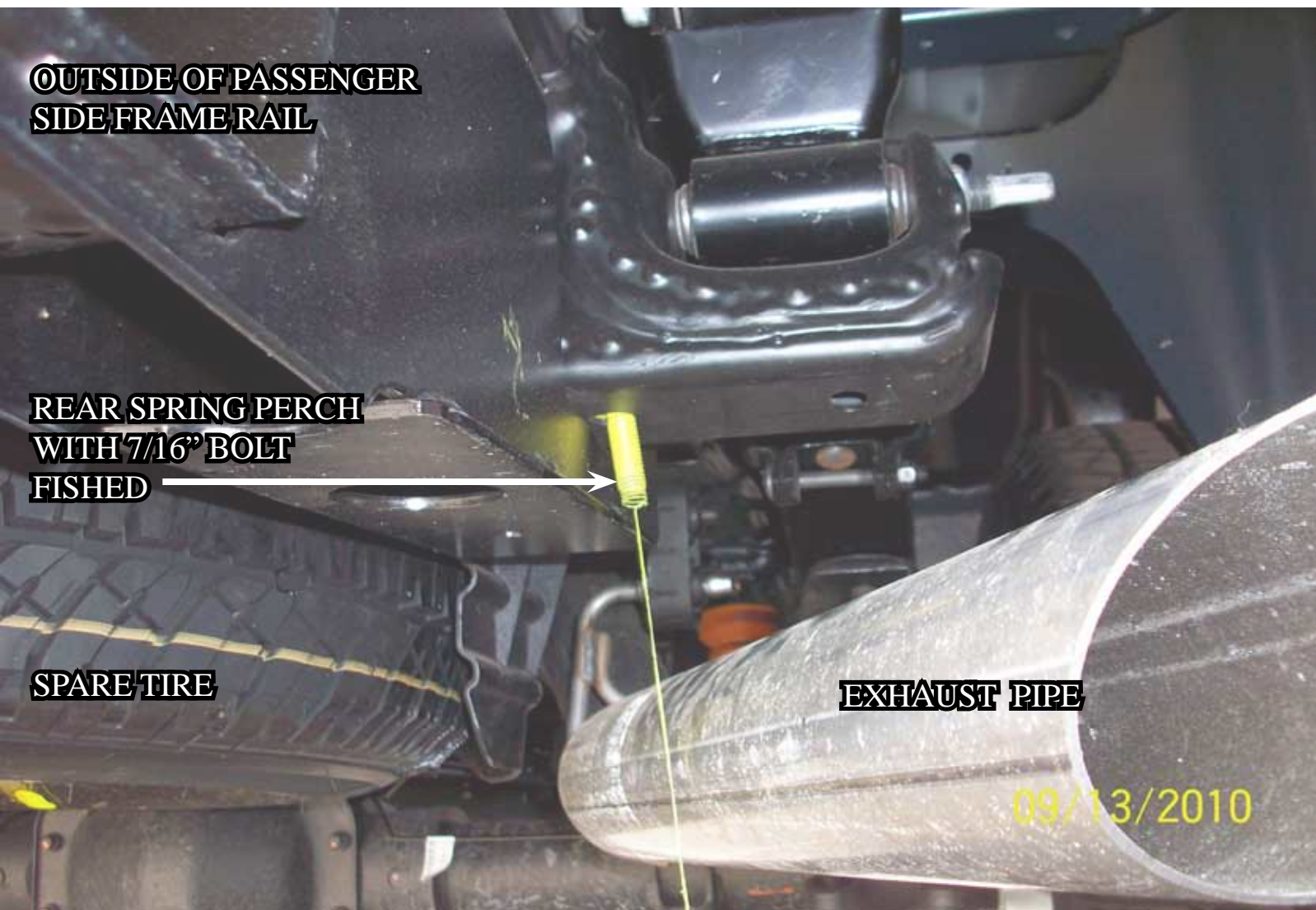


PHOTO C

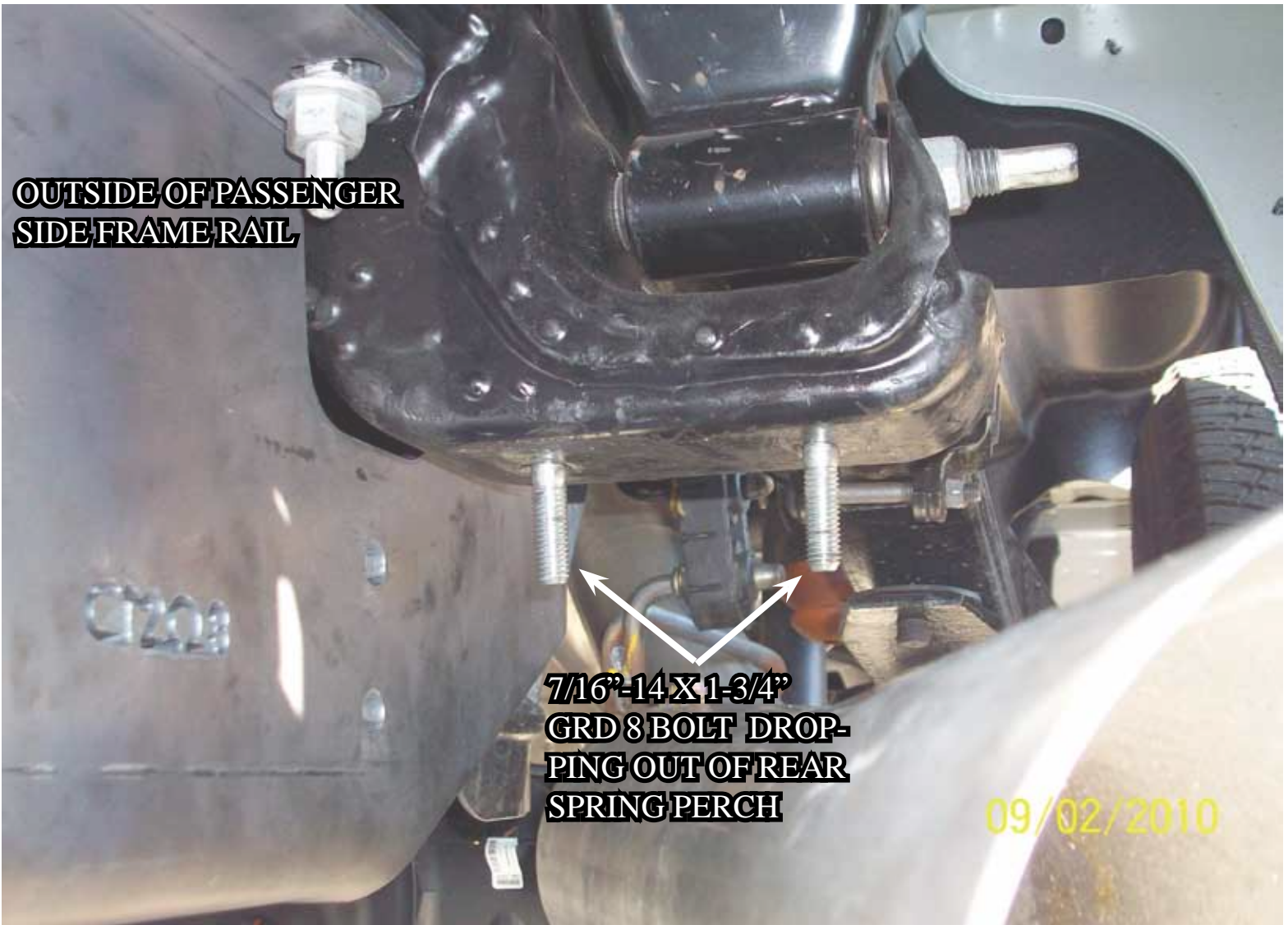


PHOTO D



PHOTO E

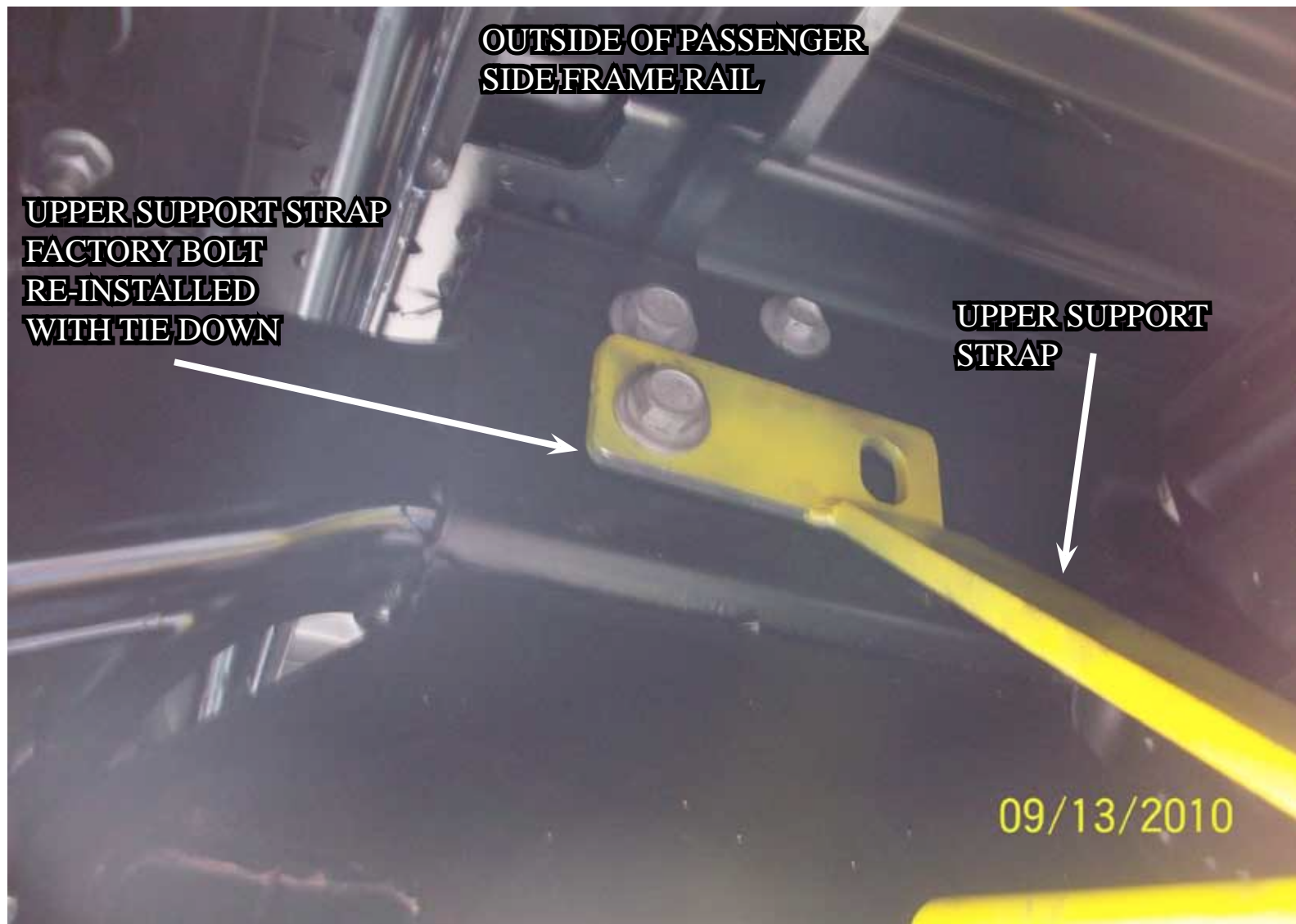
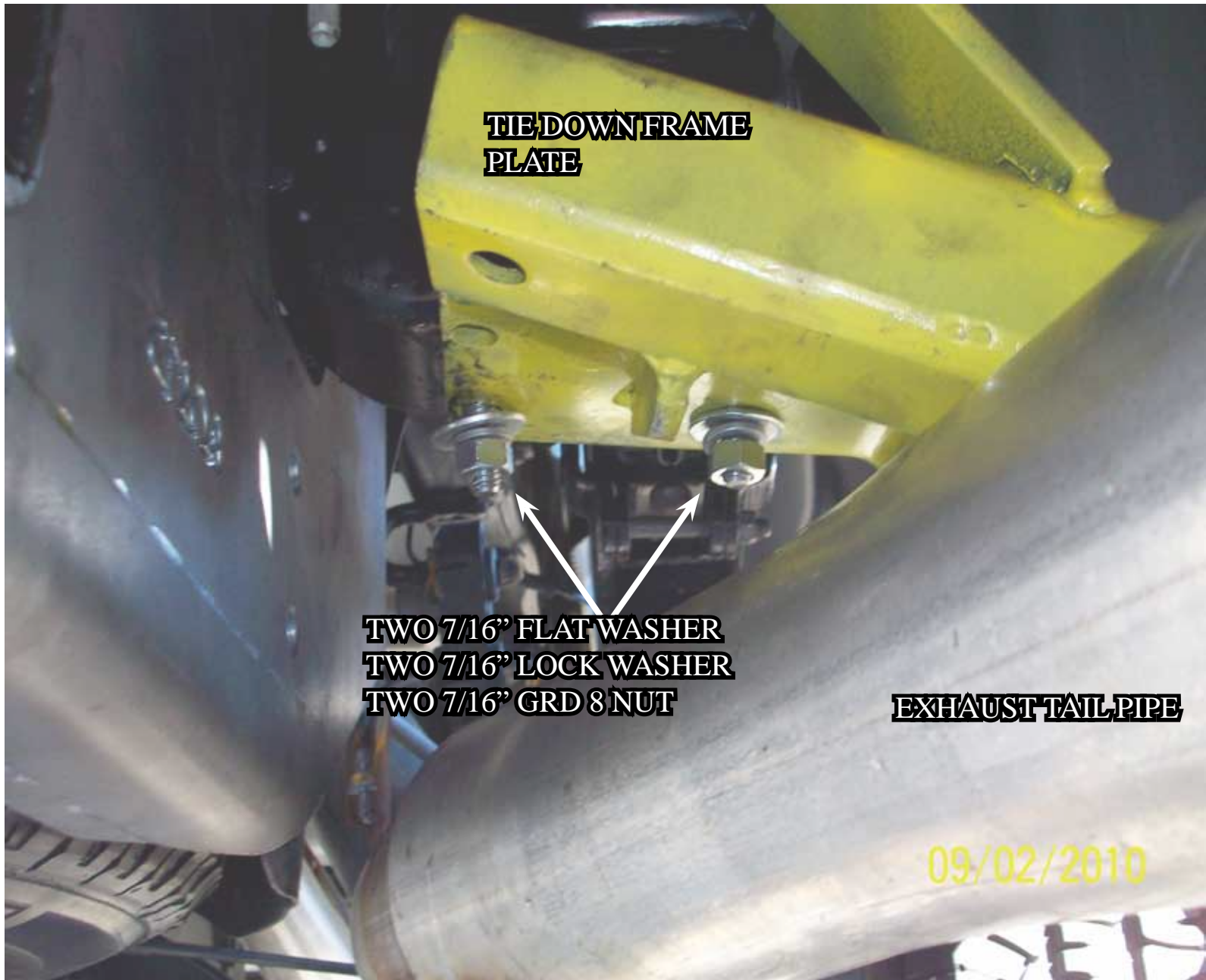


PHOTO F



PHOTO G



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 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.

Super Hitch

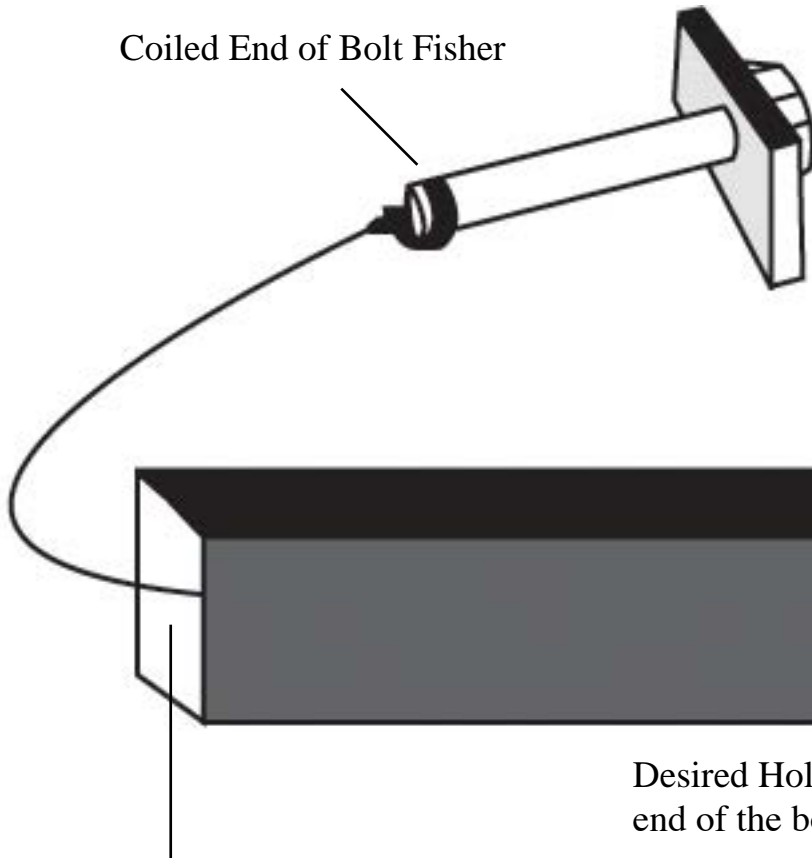
High strength extended hitch system engineered for safely towing all types of trailers behind your truck and camper. With a towing capacity of 12,000 lbs. with an extension, (17,000 lbs. without) the SuperHitch is rated the strongest in the industry.



TORKLIFT'S BOLT FISHING GUIDE

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

Coiled End of Bolt Fisher

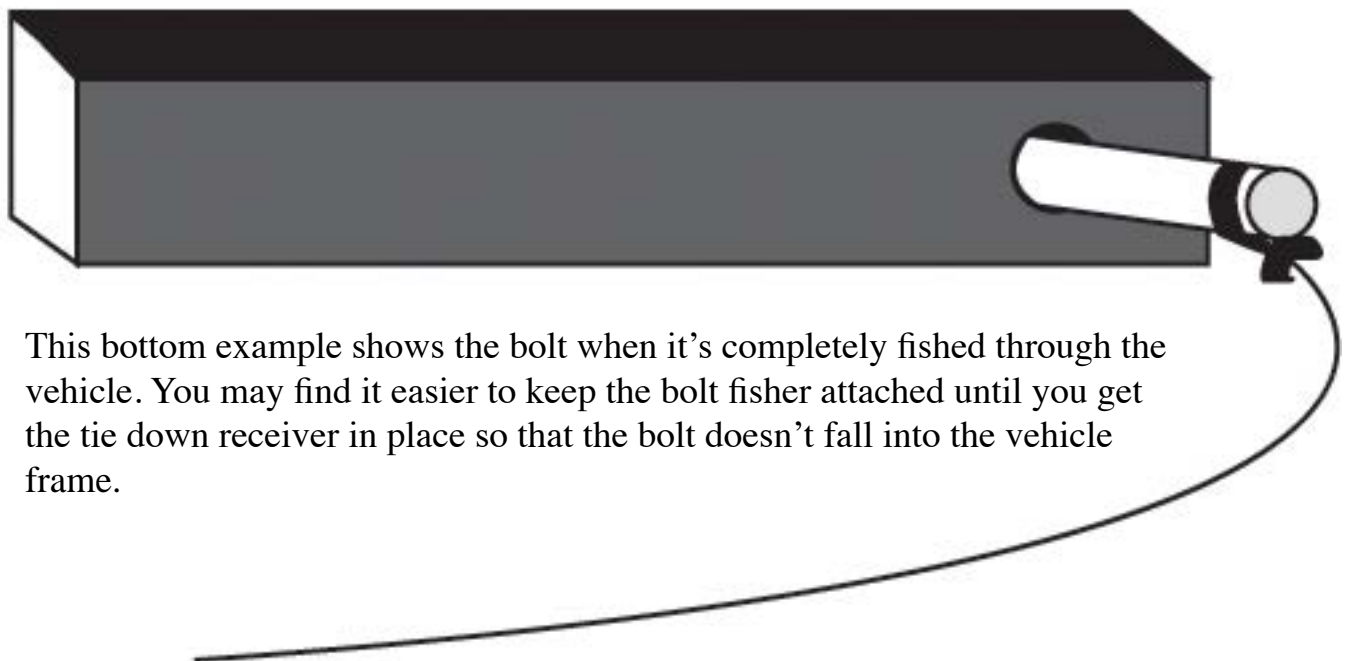


Note: The hardware may vary as to what is being fished along with the bolt. In this instance a 1" X 2" plate washer is being fished along with the bolt. Different applications may require fishing through various star washers and flat washers for example.

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.

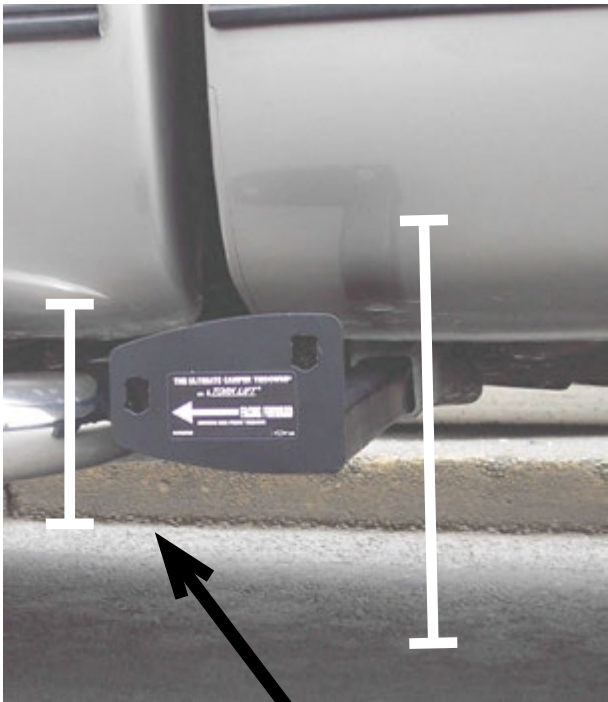
WARNING: USING EXCESSIVE FORCE WHILE PULLING ON BOLT FISHER CAN RESULT IN BROKEN BOLT FISHER AND/OR LOSS OF FASTENERS.

TIEDOWN INSERT INSTALLATION INSTRUCTIONS

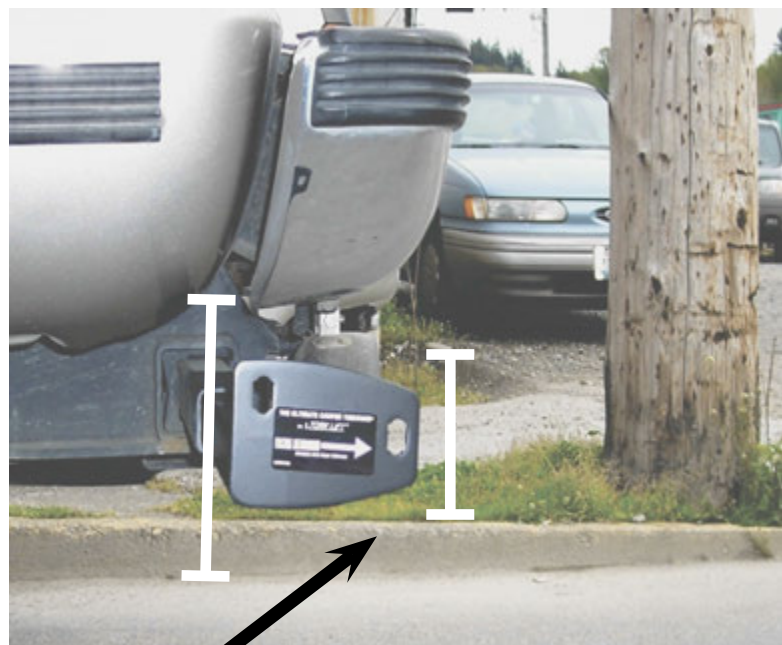
On one end of each of your tiedown inserts is a triangular plate referred to by Torklift as a bullet plate. Your tiedown inserts should be installed with the shorter side of the bullet plate facing away from each other, i.e.. The shorter side of the front insert should point to the front of the truck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



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 Units
& 2 Heavy Duty Forged Turnbuckles.
Lifetime Guarantee**



FASTGUNS LEVER ACTION TURNBUCKLES

S9520-GREY SS / S9521-WHITE SS / S9527-POLISHED SS

FOR BED MOUNTED TIEDOWNS

S9522-GREY SS/ S9523-WHITE SS/ S9526-POLISHED SS

FRAME OR BUMPER MOUNTED TIEDOWNS

**Includes 2 Stainless Steel Turnbuckles with an Internal
“Set” Spring. Available in 2 Lengths and 3 Finishes
(Grey, White or Polished Stainless Steel)**

Lifetime Guarantee

FASTGUN DERRINGERS

Zinc S9524

Stainless Powdercoat S9525

Polished Stainless S9528

**Transforms Your Pre-Existing Conventional
Turnbuckles into a Lever Action
FastGun Style Turnbuckle.**

Kit includes 4 lever action Derringers



SPRINGLOAD XL KIT - S9050

**This set includes 2 Long Chrome Barreled
Turnbuckles with an Internal “Set” Spring.
The Springload XL Kit comes with a Polished
Chrome Finish and is compatible with the
FastGun Derringers.**

2 year warranty

INSTRUCTIONS FOR MAINTENANCE OF POLISHED STAINLESS STEEL PRODUCTS



STAINLESS-

In metallurgy stainless steel, also known as inox steel or inox from french “inoxydable”, is defined as a steel alloy with a minimum of 10.5 [1] or 11% chromium content by mass. [2] stainless does not stain, corrode or rust as easily as carbon steel, but it is not stain proof and requires up keep regularly.[3] it is also called corrosion-resistant steel when the alloy type and grade are not detailed, particularly in the aviation industry. There are different grades and surface finishes of stainless steel to suit the environment to which the material will be subjected in its lifetime. Stainless steel is used where both the properties of steel and resistance to corrosion are required.

All “stainless” steels can corrode under the wrong conditions. Many companies, in fact, do not call them stainless steel, but “corrosion resistant” steel. Remember that most of the metal is still iron and can corrode or rust depending on how much stress it is exposed to. One of the worst things you can do to stainless steel is expose it to chlorides. The better grades can withstand a lot of abuse, but most grades can eventually fail when exposed to chlorides in bad atmospheres. Some grades of “stainless” steel have very poor resistance to corrosion, They are marginally better than carbon steel, but when correctly hardened and passivated or electropolished can give fairly good performance. The grade of steel must reflect the exposure conditions and performance required.

Stainless steel is known for its ability to be a clean surface that resists corrosion and rust. Dirt, dust and grime, however, put stainless steel at risk for corrosion and rust. Luckily, stainless steel responds well to cleaning, never wearing out from excessive cleaning, as long as certain rules are followed.

1. Water and a cloth.

Routine cleaning can be accomplished by using warm water and a cloth. This is the least risky option for cleaning stainless steel. Dry with a towel or cloth to prevent water spots. Wipe in the directions of the polish lines.

2. Mild detergent, (dish washing liquid) and cloth.

For cleaning that needs more power, mild detergent and warm water can do a great job without damaging the stainless steel. Make sure you rinse the surface thoroughly to prevent staining and spotting. Towel dry to prevent water spots which can be caused by minerals in water.

3. Glass cleaner for fingerprints.

Fingerprints are one of the biggest complaints about stainless steel, but can be taken care by using glass cleaner or household ammonia. Rinse thoroughly and towel dry. There are some newer types of finishes for stainless steel that resist fingerprints, a must if your pint-sized helpers leave their mark on your stainless steel appliances.

4. Stainless steel cleaner.

If you’ve had staining or scratching, or need to polish your stainless steel, a stainless steel cleaner may be a good option. Some of these cleaners and polishes can help minimize scratching and remove stains. They also can polish stainless steel surfaces nicely. Read the directions on the stainless steel cleaner and test in an inconspicuous spot. Be sure to rinse thoroughly and towel dry.

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.

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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.