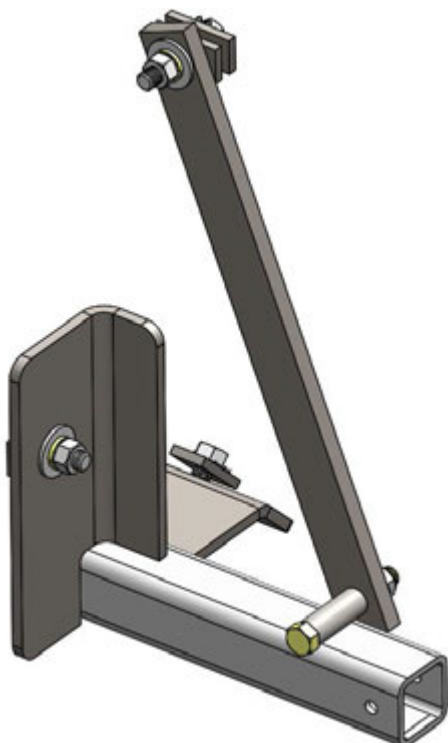


 **TORKLIFT**  
**INTERNATIONAL**

**OVER 35 YEARS OF INNOVATION, QUALITY, SAFETY.  
IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS**

**D2121**



# Warnings

## Truck Bed and Camper Protection

Torklift **does not** recommend installing your camper on top of a plastic bed liner (or other compressible material such as foam). These materials can act as a spring, causing increased vertical truck camper movement independent of the vehicle. Plastic bed liners can slide on the truck bed surface, and the truck camper can slide on top of the bed liner. Using a plastic bed liner or similar compressible material will void your warranty and may additionally cause truck bed and/or camper damage.

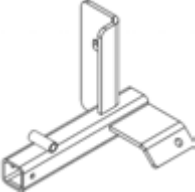
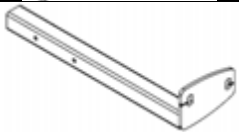


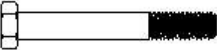








Minor movement or settling can occur in some incidental harsh driving conditions (on or off-road). A rubber bed mat is recommended to protect the truck bed and camper, but is not a requirement to maintain the Torklift legendary lifetime warranty.

## Suspension

To significantly reduce body roll, sag and sway Torklift strongly recommends the StableLoad. Torklift International StableLoads improve safety, handling, and to help level your truck.

If your truck is additionally equipped with suspension air bags Torklift cautions against over pressurization as this may lead to unsafe vehicle handling characteristics. We have found that airbags used in conjunction with StableLoads have allowed operators to lower air bag pressure by 50% or more. Only pressurize suspension air bags enough to level the truck.

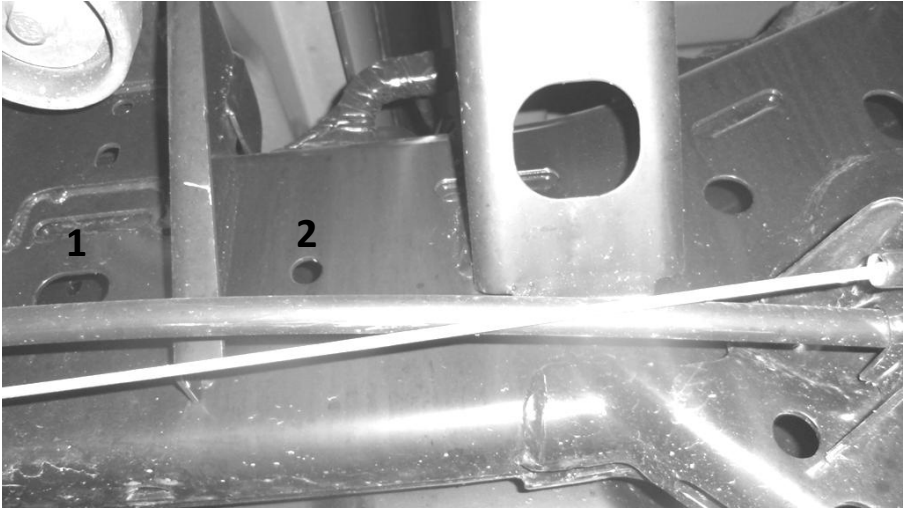
## Parts Inventory

Item Image	Item Description	Quantity
	<p style="text-align: center;"><u>Tie Down Receiver</u> (Driver Side Shown)</p>	2
	Straight Tie Down Insert	2
	Tie Down Support Strap	2
	1/2"-13 x 1.75" Grade 5 Hex Bolt	4
	1/2"-13 x 3.5" Grade 8 Hex Bolt	2
	1/2"-13 x 2.5" Grade 5 Hex Bolt	2
	1/2"-13 Grade 5 Hex Nut	8
	1/2" USS Flat Washer	8
	1/2" Lock Washer	8
	1"x2" Plate Washer	8
	1/2" Star Washer	6
	1/2" Bolt Fisher	1
	Bail / Snapper Pin	2

## **Step 1:**

Begin on the driver side of the vehicle and identify the section of frame directly beneath the gap between the cab and truck bed.

### **Photo 1.1**

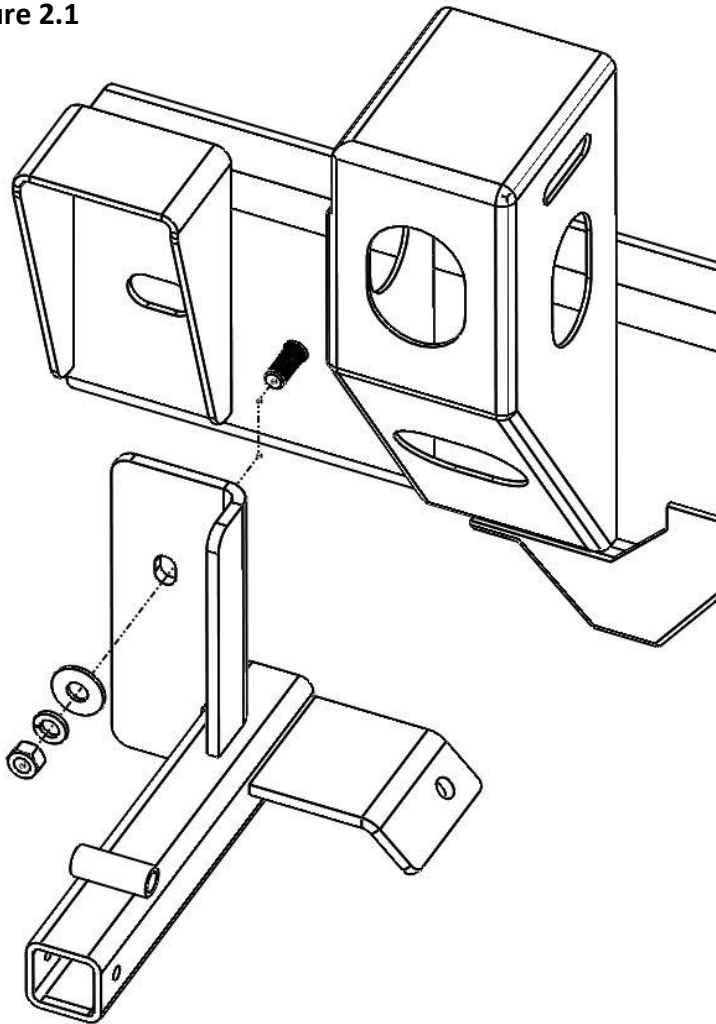


Insert the coiled end of the bolt fisher into hole **2** and out through hole **1** in the photo above. Assemble one **1/2" star washer** and one **1"x2" plate washer** under the head of a **1/2"-13 x 1.75" Hex Bolt**. Use the bolt fisher to pull the bolt assembly back through hole **2** in the frame. Leave the bolt fisher attached to the threads protruding from the frame.

## **Step 2:**

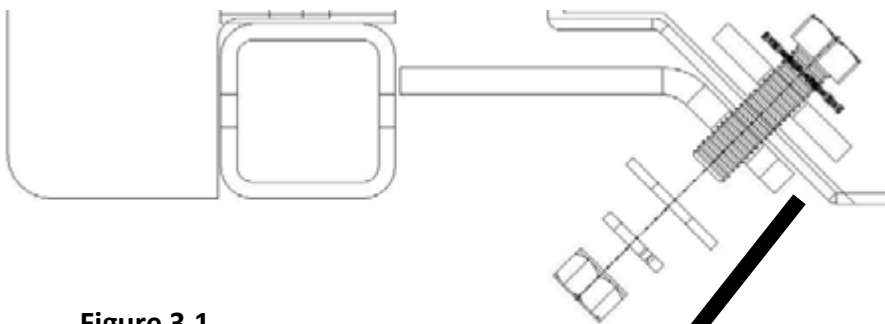
Lift the driver side **tie down receiver** up behind the parking brake cables and in front of the frame. Thread the loose end of the bolt fisher through the hole in the tie down receiver plate, and pull the bolt through the hole as you lift the receiver up and flush to the frame. Now carefully remove the bolt fisher and install one **1/2" flat washer**, one **1/2" lock washer**, and one **1/2" hex nut** onto the threads and hand tighten. Reference Figure 2.1 on the following page.

**Figure 2.1**

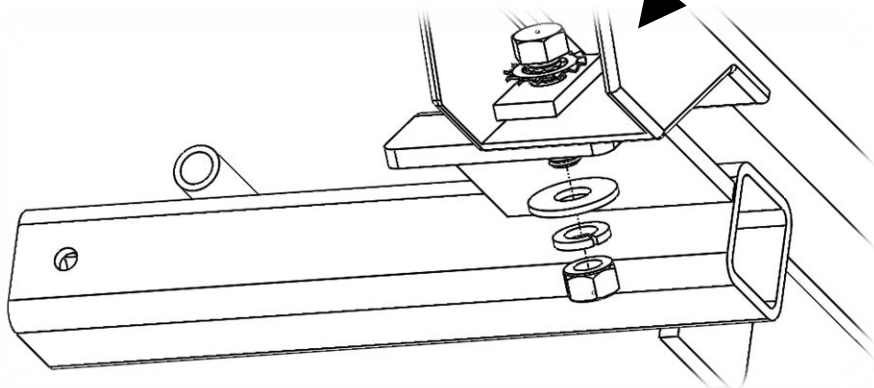


**Step 3:**

Install one **1/2"-13 x 1.75" hex bolt** with one **1/2" star washer** and one **1"x2" plate washer** down through the hole in the rear trailing arm mount and corresponding hole in the **tie down receiver** as shown. Reference figure 3.1 and secure with one **1/2" flat washer**, one **1/2" lock washer**, and one **1/2" hex nut**, leaving hand tight at this time.



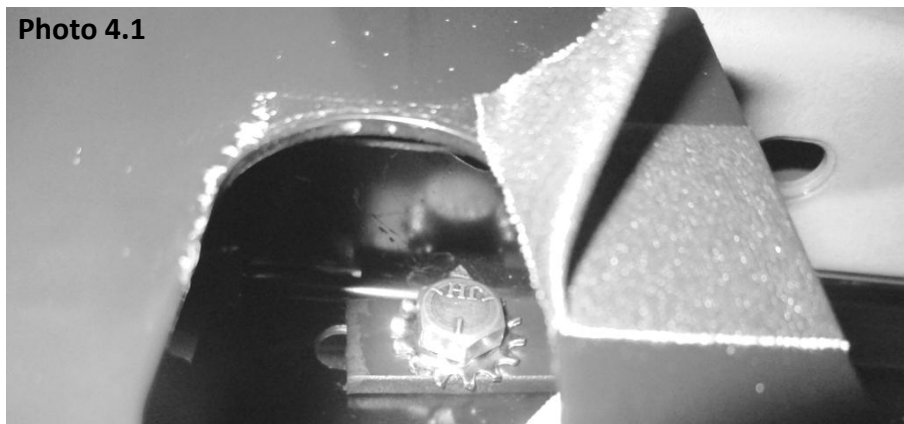
**Figure 3.1**



**Step 4:**

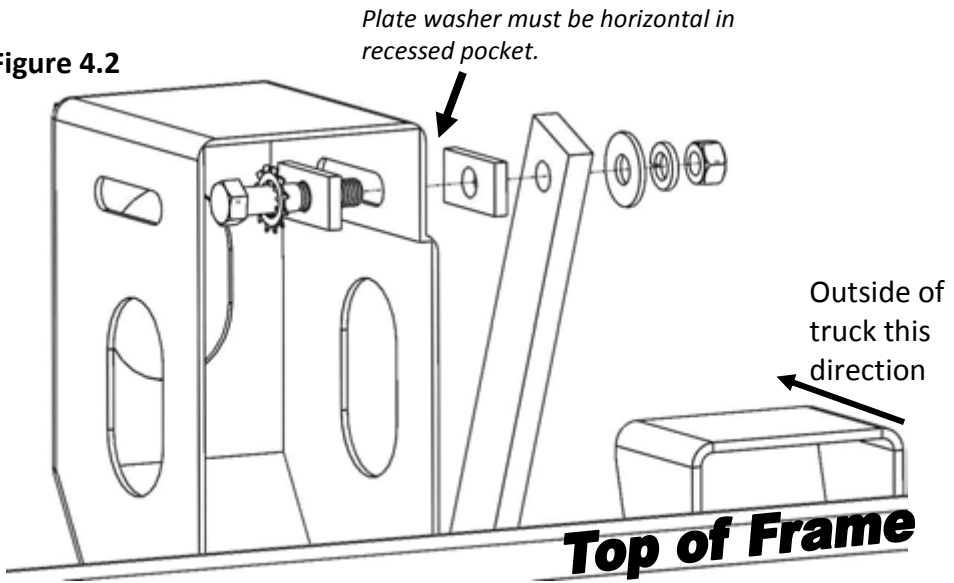
Locate the upper most horizontally slotted hole in the bed mount. Install a **1/2"-13 x 2.5" hex bolt** with one **1/2" star washer** and one **1"x2" plate washer** through the slotted hole from inside of the bed mount pointing out towards the front of the truck. (Photo 4.1)

**Photo 4.1**



Next, install a **1"x2" plate washer** onto the protruding threads, followed by the **tie down support strap**. Secure with one **1/2" flat washer**, one **1/2" lock washer**, and one **1/2" hex nut**. Leave assembly hand tight. Reference figure 4.2 below for the correct assembly.

**Figure 4.2**

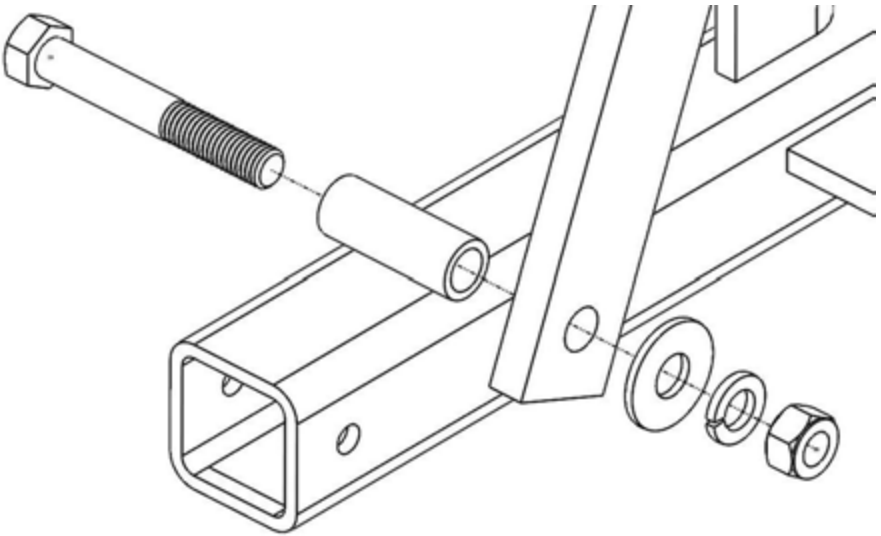


**NOTE:** There is a recessed portion at the top of the bed mount. The **1"x2" plate washer** must be installed horizontally to fit correctly.

### **Step 5:**

Install a **1/2"-13 x 3.5" hex bolt** through the welded on pipe of the **tie down receiver** and out through the lower hole in the **tie down support strap**. Secure with one **1/2" flat washer**, one **1/2" lock washer**, and one **1/2" hex nut**. Reference Figure 5.1 and leave the hardware hand tight at this time.

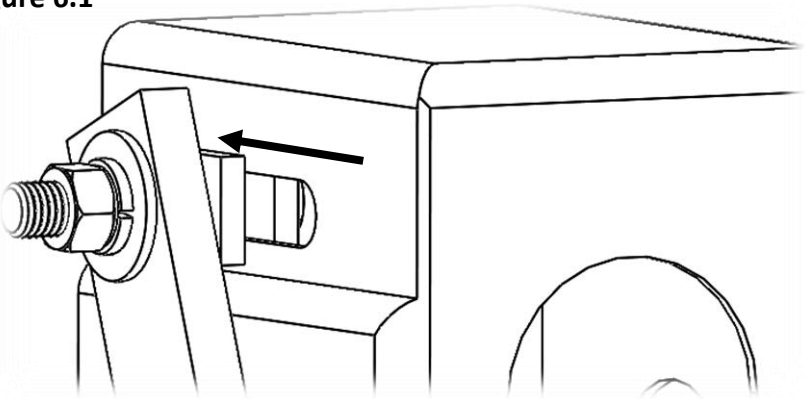
**Figure 5.1**



**Step 6:**

Push the **tie down receiver** flat against the truck frame and upwards. The goal is to make sure the bolt in the bed mount is all the way to the back of the slot it is installed in. (Figure 6.1)

**Figure 6.1**



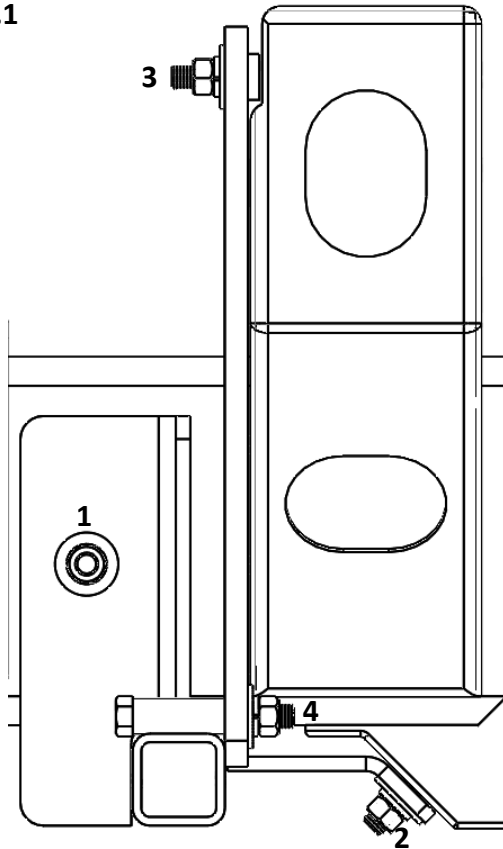
Snugly tighten all four hex nuts at this time to hold the tie down in this position. Make sure you are still pushing upwards while tightening the nuts to hold the **tie down receiver** in place.

### **Step 7:**

At this time, torque the four hex nuts to the listed specification in the following order. (Figure 7.1)

#1: 65 ft-lbs, #2: 65 ft-lbs, #3: 65 ft-lbs, #4: 65 ft-lbs

**Figure 7.1**



### **Step 8:**

Repeat steps 1-7 for the passenger side tie down installation.

### **Step 9:**

Install the straight tie down insert into each receiver, with the offset end facing the front of the truck.

## ***TIEDOWN INSERT INSTALLATION INSTRUCTIONS***

***On one end of each of your tie down inserts is a triangular plate referred to by Torklift as a bullet plate. In most cases, the tie down 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.***



***DRIVERS SIDE FRONT***

***DRIVERS SIDE REAR***

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