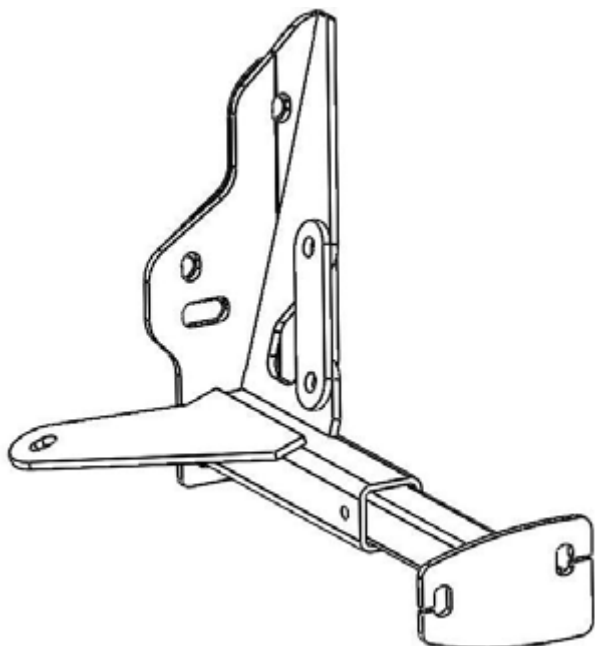




**OVER 35 YEARS OF INNOVATION, QUALITY, SAFETY.
IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS**

Part F2018



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.





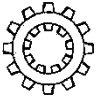


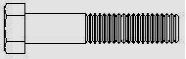




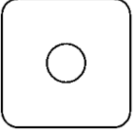
Minor movement or settling can occur in some incidental harsh driving conditions (on or off-road). A rubber bed mat is recommended to protect the truck bed and camper, but is not a requirement to maintain the Torklift legendary lifetime warranty.

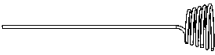

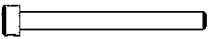




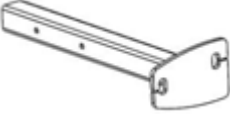
Suspension

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
	1/2"-13 x 2" Grade 5 Hex Bolt	6
	1/2"-13 x 1.5" Grade 5 Hex Bolt	2
	1" x 2" Plate Washer	8
	1/2" SAE Flat Washer	10
	1/2" Star Washer	6
	1/2" Lock Washer	8
	1/2"-13 Grade 5 Nut	8
	3/8"-16 x 2" Grade 8 Hex Bolt	2
	3/8" USS Flat Washer	4
	3/8" Star Washer	4
	3/8"-16 Lock Washer	2
	3/8"-16 Grade 8 Hex Nut	2
	2"x2" Plate Washer	2

Item Image	Item Description	Quantity
	1/2" Bolt Fisher	2
	3/8" Bolt Fisher	1
	1/4" x 2-1/4" Snapper Pin	2
	Driver Side Tie Down Receiver	1
	Passenger Side Tie Down Receiver	1
	Gusset Connector	1
	Tie Down Spacer Plate	2
	Straight Tie Down Insert	2

Step 1:

Begin by attaching the coiled end of one of the **1/2" bolt fishers** to a **1/2"-13 x 2" Grade 5 Hex Bolt**. Slide one **1/2" star washer** followed by one **1" x 2" Plate Washer** onto the non coiled end of the bolt fisher. See Figure 1.1 for hardware order.

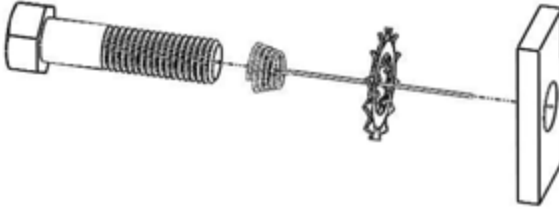


Figure 1.1

Beginning on the driver side of the frame, insert the non-coiled end of the bolt fisher into hole E. Guide the bolt fisher back out through hole F. (See figure 1.2). Pull the bolt through the frame and out of hole F. Leave the bolt fisher attached.

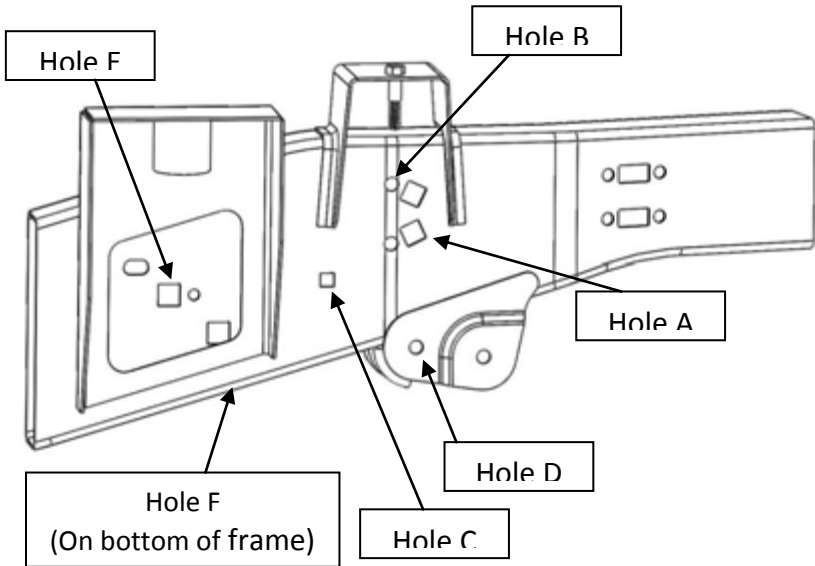


Figure 1.2 - Driver side shown

Step 2:

Repeat the bolt fishing process to fish one **1/2"-13 x 2" Grade 5 Hex Bolt**, one **1/2" Star Washer**, and one **1" x 2" Plate Washer** into hole A (refer back to figure 1.1 for hardware order). Guide the bolt fisher out through hole B In the frame. Pull the hardware into the frame, but do not pull the bolt out through the hole at this time. Leave the bolt fisher attached.

Step 3:

Attach the coiled end of the **3/8" Bolt Fisher** to the **3/8"-16 x 2" Grade 8 Hex Bolt**. Slide one **3/8" Star Washer**, one **3/8" USS Flat Washer**, another **3/8" Star Washer**, and one **1"x2" Plate Washer** onto the non-coiled end of the bolt fisher. Refer to figure 3.1 for hardware order.



Figure 3.1

Insert the non-coiled end of the bolt fisher into hole A and guide it out through hole C. Note: On trucks equipped with cable actuated parking brakes, hole C may be triangular in shape.

Pull the hardware into the frame, but do not pull the bolt through hole C at this time. Leave the bolt fisher attached.

Step 4:

If your truck is equipped with cable actuated parking brakes, you will need to remove the bolt holding the cable bracket from the bottom side of the leaf spring bracket.

Once the bracket has been removed, slide the tie down receiver tube in between the two parking brake cables. The upper cable will fit into the cutout in the upper gusset of the **Driver Side Tie Down Receiver**.

Step 5

Place the non-coiled ends of the bolt fishers through the **Tie Down Spacer Plate** and the **Driver Side Tie Down Receiver** as shown in figure 5.1.

If your truck is equipped with an electric parking brake, the bolt protruding from hole C will go through the middle hole of the **Tie Down Spacer Plate** and **Tie Down Receiver** (driver side only).

Trucks with electric parking brakes use this hole for driver side only.

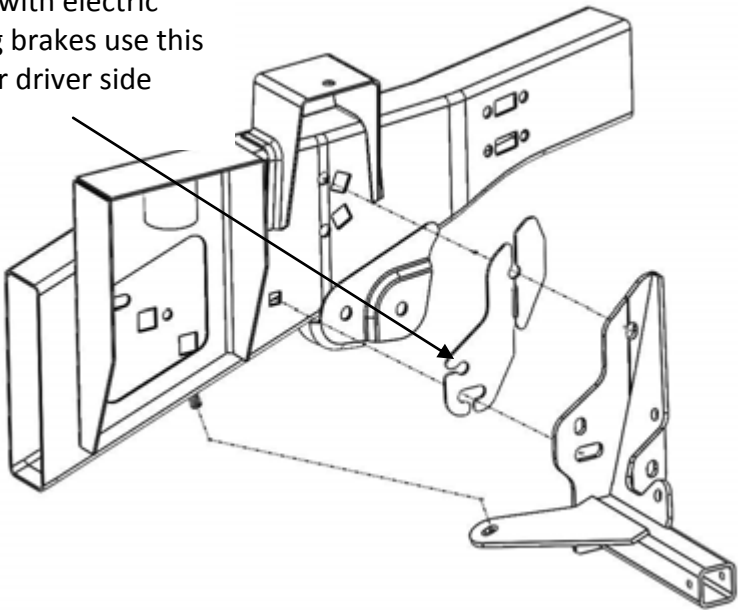


Figure 5.1 - Driver side shown

Step 6:

Place the **Spacer Plate** and **Tie Down Receiver** up against the frame and slide it up. Guide the receiver plate so that the bolt protruding from hole F In the bottom of the frame goes through the hole in the lower **Tie Down Receiver Plate**.

Carefully remove the bolt fisher from the bolt in hole F and loosely secure it with one **1/2" USS Flat Washer**, one **1/2" Star Washer** and one **1/2"-13 Grade 5 Hex Nut**.

Step 7:

Gently pull on the non-coiled end of each remaining bolt fisher until the bolts protrude from the frame and out through the **Spacer Plate** and **Tie Down Receiver Plate**.

Carefully remove the bolt fisher from the 1/2" bolt. While holding the bolt with one hand, place one **1/2" USS Flat Washer** and one **1/2" Lock Washer** over the end of the bolt. Secure the bolt with one **1/2"-13 Grade 5 Hex Nut**.

Carefully remove the bolt fisher from the **3/8" Hex Bolt**. While holding the bolt with one hand, place one **2"x2" Plate Washer**, one **3/8" Flat Washer** and one **3/8" Lock Washer** over the end of the bolt. Secure the bolt with one **3/8"-16 Grade 8 Hex Nut**.

Step 8:

Place one **1/2"-13 x 2" Grade 5 Hex Bolt** with one **1/2" Star Washer** and one **1" x 2" Plate Washer** into the bottom of the leaf spring hanger. Guide the bolt out through hole D and the **Tie Down Receiver** plate. Secure the bolt with one **1/2" USS Flat Washer**, one **1/2" Lock Washer** and one **1/2"-13 Grade 5 Hex Nut**.

Step 9:

Snug the bolts in the following order:

1. Bolt in hole **F**
2. Bolt in hole **D**
3. Bolt in hole **C**
4. Bolt in hole **B**

Step 10:

For trucks with cable actuated parking brakes, reattach the parking brake cable bracket to the underside of the leaf spring hanger. You will need to bend the bracket down to allow the lower parking brake cable to sit under the tie down receiver tube.

Step 11:

With the upper parking brake cable sitting in the cutout of the driver side tie down receiver gusset, install one **1/2"-13 x 1.5" grade 5 hex bolt** with one **1/2" SAE Flat Washer** into each hole in the **Gusset Connector** and through the tie down receiver gusset as shown in step 10. Secure each bolt with one **1/2" SAE Flat Washer**, one **1/2" Lock Washer**, and one **1/2"-13 Grade 5 Hex Nut**.

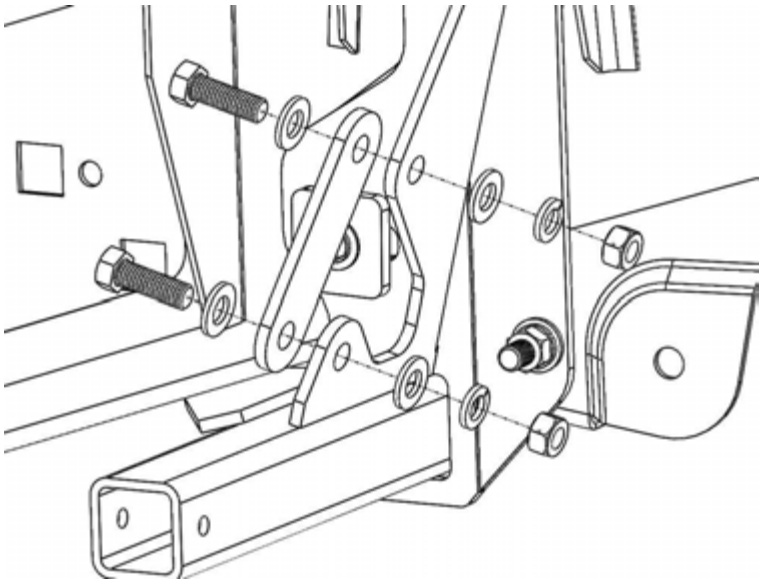


Figure 11.1

Torque all 1/2" hardware to 65 ft-lbs.

Torque all 3/8" hardware to 38 ft-lbs.

The driver side Installation is complete.

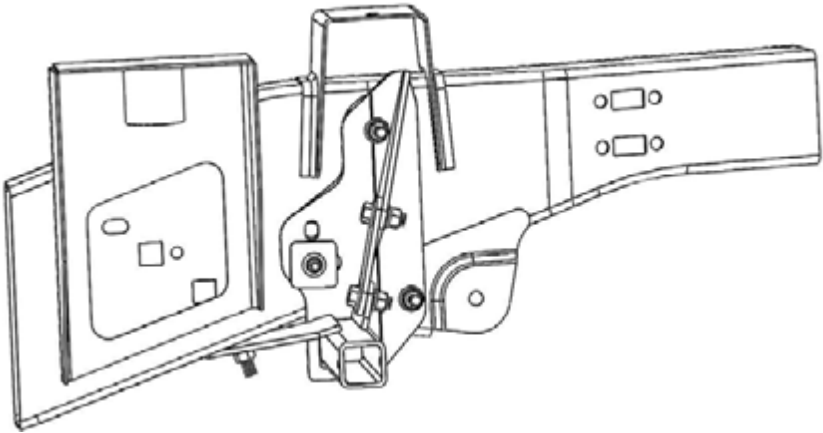


Figure 11.2 - Driver Side (Parking cables not shown)

Step 12:

Repeat the installation process on the passenger side of the vehicle. Installations on this side of the vehicle will not use the middle hole in the Spacer Plate.

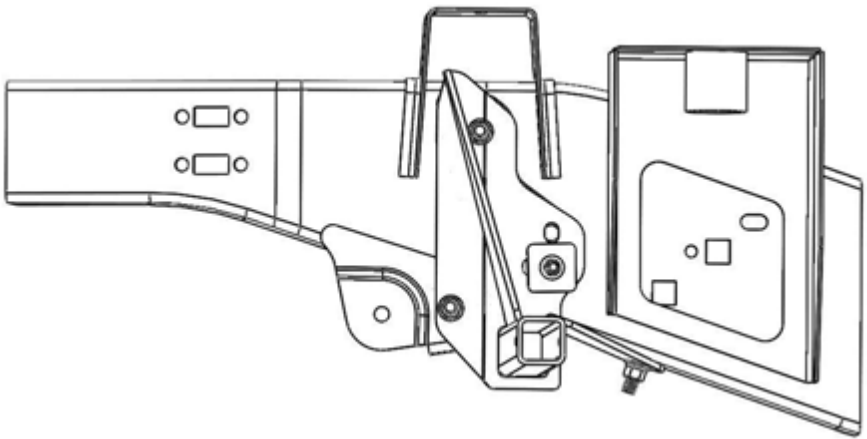


Figure 12.1 - Passenger Side Shown

Step 13:

Install the **Straight Tie Down Inserts** into each receiver, with the offset end facing toward the front of the truck. Use the **1/4" x 2-1/4" Snapper Pins** to pin the **Tie Down Inserts** into place. Either hole in the insert can be used as long as it provides sufficient clearance between the turn buckle and vehicle body.

Installation is complete.

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.