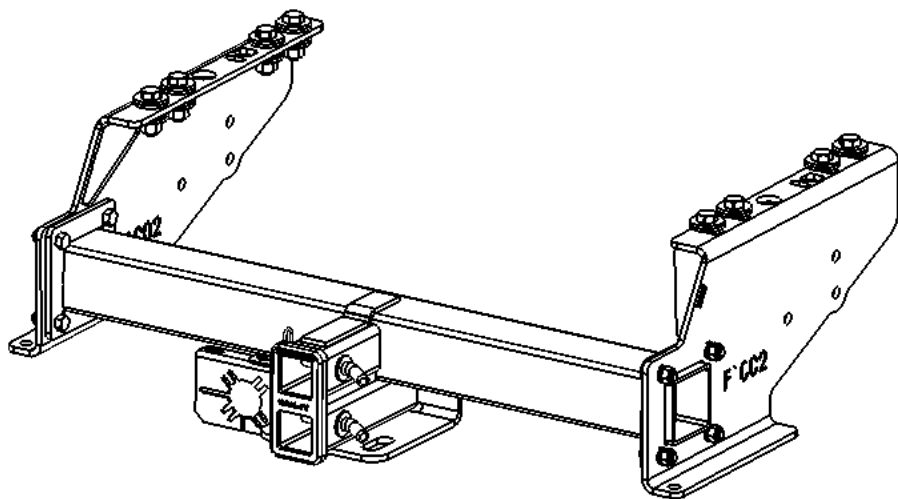


# **TORKLIFT** **INTERNATIONAL**

**OVER 35 YEARS OF INNOVATION, QUALITY, SAFETY.**

**IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS**

**Part # F1002**



Version 9 BY: CW 8-8-17

**TECH SUPPORT (800) 246-8132**

**AFTER INSTALL, PLEASE GIVE  
THIS BOOKLET TO YOUR CUSTOMER**

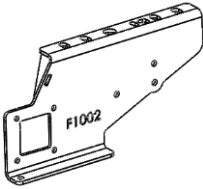
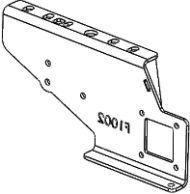
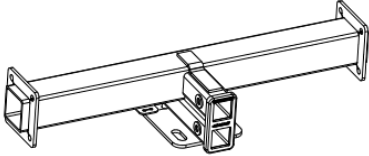


**WARNING:** Do not lubricate threads. Bolt failure may occur due to over tightening. **Do not** drill on this hitch.



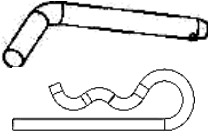






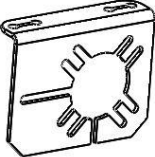

**Do not** exceed the weight ratings of the hitch or the factory weight rating of the vehicle!

## Weight Rating

	Tongue Weight	Trailer Weight
Weight Carry	1,700lbs/775Kg	17,000lbs/7,750Kg
Weight Distribution	2,000lbs/910Kg	20,000lbs/9,100Kg

## F1002 Parts List

Description	Image	Part Number	Qty.
<b>Passenger Side Plate</b>	 A metal side plate for the passenger side of the hitch, labeled 'F1002'.	<b>F1002-W1-P</b>	<b>1</b>
<b>Driver Side Plate</b>	 A metal side plate for the driver side of the hitch, labeled 'F1002'.	<b>F1002-W1-D</b>	<b>1</b>
<b>Double Receiver Cross Tube</b>	 A long metal cross tube with double receiver ends and a central mounting bracket.	<b>SH20-38-A</b>	<b>1</b>
<b>1/4" Lock washers</b>	 A circular lock washer with a split design.	<b>3457</b>	<b>2</b>
<b>1/4"-20 Grade 5 Hex Nut</b>	 A hexagonal nut with a threaded hole.	<b>3458</b>	<b>2</b>

Description	Image	Part Number	Qty.
1/4"-20 x 1" Grade 5 Hex Bolt		3454	2
#12 x 3/4" Self-drilling Screws		3313	2
5/8" Hitch Pin and Clip		3703	2
5/8" USS Flat Washer		6089	32
5/8" Lock Washers		6023	8
5/8" -11 Grade 8 Hex Nut		9842	8
5/8"-11 x 2" Grade 8 Hex Bolt		9846	8
1/2" Lock Washers		9302	8
1/2"-13 Grade 8 Hex Nut		1751	8
Plug Bracket		SH-PB-A	1
1/2"-13 x 1-1/2" Grade 8 Hex Bolt		9960	8

# Installation Instructions

## Step 1

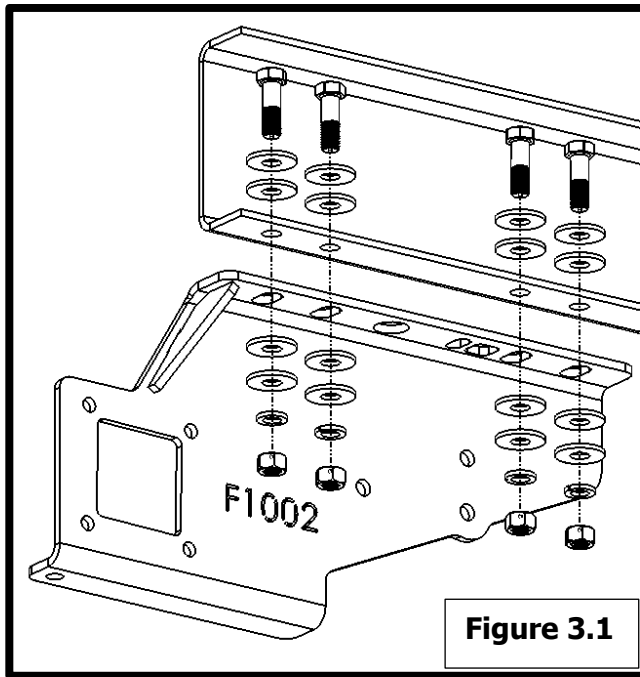
Start by loosening the spare tire so it can be pushed forward if necessary. Remove existing receiver hitch (if equipped). If your truck is equipped with a vibration damper, remove it from the factory hitch as it can be reattached to the Superhitch with the factory hardware.

## Step 2

Hold the **Driver Side Plate** up to the truck frame, Install one **5/8"-11 x 2" Grade 8 Hex Bolt** and two **5/8" USS Flat Washer** down through the frame and into the rearmost hole in the **Driver Side Plate**.

Secure the bottom side of the bolt with two **5/8" USS Flat Washer**, one **5/8" Lock Washer**, and one **5/8" -11 Grade 8 Hex Nut**. Leave the nut loose at this time, as the side plate will need to be loose enough to install the cross tube. Repeat this process for the three remaining holes between the **Driver Side Plate** and the vehicle frame. See

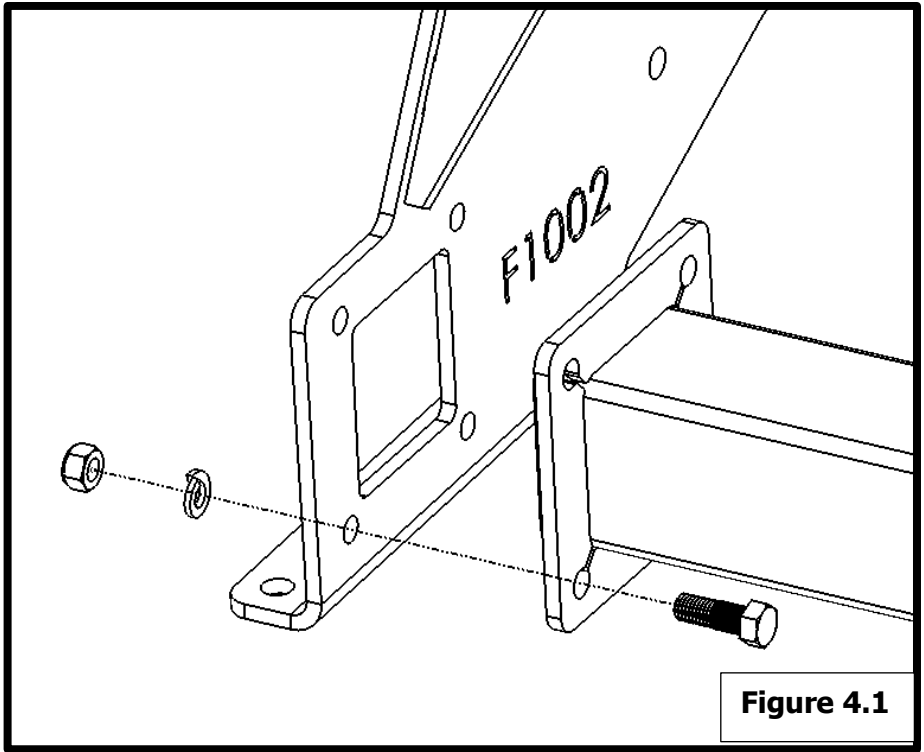
**Figure 3.1**



Repeat Steps 2 and 3 for the **Passenger Side Plate**.

## Step 4

Place one end of the **Super Hitch Cross Tube** into the square hole in the **Driver Side Plate**. Install one **1/2"-13 x 1-1/2" Grade 8 Hex Bolt** into one of the lower holes in the cross tube flange and out through the **Driver Side Plate**. See **figure 4.1**



**Figure 4.1**

## **Step 5**

Place the other end of the **Super Hitch Cross Tube** into the square hole in the **Passenger Side Plate**.

Lightly tighten the bolts holding the **Super Hitch Side Plates** to the vehicle frame. This will help to keep the **Double Receiver Cross Tube** from sliding out of the **Super Hitch Side Plates**.

## Step 6

Install the remaining **1/2"-13 x 1-1/2" Grade 8 Hex Bolts** into the holes in the **Double Receiver Cross Tube** flanges and out through the super hitch side plates.

Secure each bolt with one **1/2" Lock Washer** and one **1/2"-13 Grade 8 Hex Nut**.

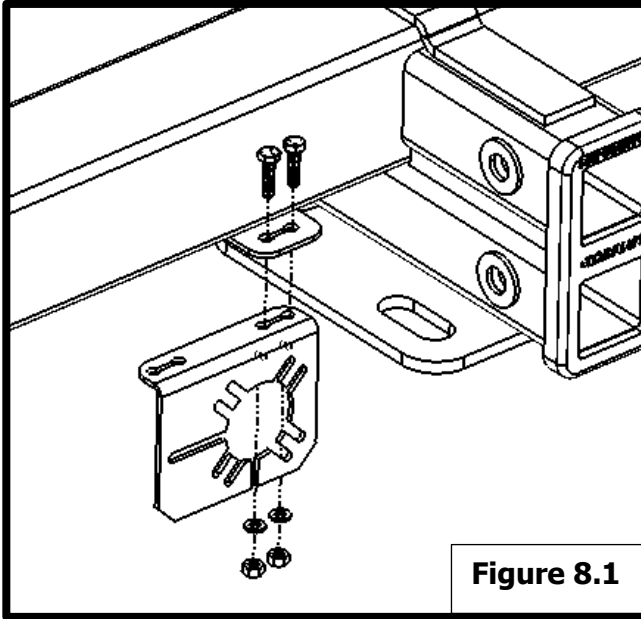
## Step 7

Torque all Fasteners to the following ratings:

- Side Plate to vehicle frame bolts: 100 ft-lbs (135 nm)
- Super Hitch Cross Tube to Super Hitch Side Plates: 75 ft-lbs (101 nm)

## Step 8

For Vehicles prior to 2008, install the included plug bracket to the tab welded to the **Double Receiver Cross Tube** using one **1/4"-20 x 1" Grade 5 Hex Bolt**, one **1/4" Lock Washer** and one **1/4"-20 Grade 5 Hex Nut** per hole. See **figure 8.1**



**Figure 8.1**

Attach the factory plug to the Plug Bracket using the included **#12 x 3/4" Self-drilling Screws**.

For Vehicles 2008 and up, the factory plug bracket can be attached to the tab welded to the **Double Receiver Cross Tube** by using the supplied **#12 x 3/4" Self-drilling Screws**. See **photo 8.2**



**Figure 8.2**

## **Step 9**

If your truck is equipped with a vibration damper (found attached to the driver side of the factory hitch), it can be reattached to the **Driver Side Plate** using the factory hardware.

## **Step 10**

Tighten the spare tire back into position.

# YOUR TOWING EQUIPMENT

## HITCH BALLS

Select by gross trailer weight rating, mounting platform thickness, hole size and coupler socket size. Platform must be at least 3/8 inch thick. Hole must not exceed threaded shank diameter by more than 1/16 inch. Use lock washer. Tighten per instructions. When tightened, shank must protrude beyond bottom of nut. Gross trailer weight rating and ball diameter are marked on Hitch balls.

## TRAILER COUPLERS

The coupler socket should be smooth, clean and lightly lubricated. Tighten or adjust per coupler manufacturer's instructions.

## SAFETY CHAINS

Connect safety chains properly EVERY TIME YOU TOW. Cross chains under coupler. Attach securely to the hitch or tow vehicle so they can't bounce loose. Leave only enough slack to permit full turning. Too much slack may prevent chains from maintaining control if other connections separate. Don't let chains drag on the road.

## TRAILER LIGHTS, TURN SIGNALS, ELECTRIC BRAKES AND BREAK AWAY SWITCH CONNECTIONS

Make these safety-critical connections EVERY TIME YOU TOW, no matter how short the trip. Check operation, including electric brake manual control, before getting on the road.

## SWAY CONTROLS

Sway controls can lessen the effects of sudden maneuvers, wind gusts and buffeting caused by other vehicles. We recommend them for trailers with large surface areas, such as travel trailers. Adjustable friction models can help control trailers with low tongue weight percentage.

## OTHER USEFUL EQUIPMENT

AIR SPRINGS, AIR SHOCKS or HELPER SPRINGS are useful for some hitch applications. A TRANSMISSION COOLER may be necessary for heavy towing. Many states require TOWING MIRRORS on both sides.

## TIRE INFLATION

Check often. Follow tow vehicle and trailer manufacturer's recommendations. Improper tire inflation can cause trailer sway.

**NO PASSENGERS IN TRAILERS:** NEVER allow people in trailers while towing, under any circumstances.

## 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.



## **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.

**VISIT [WWW.TORKLIFT.COM](http://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(6350 Kg). with an extension\* , (17,000 lbs (7711Kg). to 20,000 lbs(9071 Kg). without\*) the Original SuperHitch and Superhitch Magnum are rated the strongest in the industry.



**CONTACT YOUR LOCAL DEALER FOR MORE DETAILS**

# **Torklift International Limited Lifetime Warranty Information**

**322 N. Railroad Ave. Kent, WA 98032**

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 wire harnesses 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 CHARGES 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 WELL AS 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.



***INTERNATIONAL***

**322 N. Railroad Ave. Kent, WA 98032**

**Phone (800) 246-8132**

**Fax (253) 854-8003**

**Or visit our website: [www.TorkLift.com](http://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 synonymous 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](mailto:warranty@torklift.com)

To Mail: Send to Torklift International 322 N Railroad Ave. Kent, WA 98032



## OFFICIAL WARRANTY REGISTRATION CARD

PLEASE FILL OUT THIS FORM COMPLETELY AND RETURN TO TORKLIFT WITHIN  
30 DAYS OF PURCHASE ACCOMPANIED BY A COPY OF YOUR ORIGINAL RECEIPT

### 1. PART(S) PURCHASED

TODAY'S DATE: \_\_\_\_\_

PART #: \_\_\_\_\_ PART #: \_\_\_\_\_  
PART #: \_\_\_\_\_ PART #: \_\_\_\_\_  
PART #: \_\_\_\_\_ PART #: \_\_\_\_\_

### 2. PURCHASER INFORMATION

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP / POSTAL CODE: \_\_\_\_\_  
PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ EMAIL: \_\_\_\_\_

### 3. TRUCK INFORMATION

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_  
MODEL: \_\_\_\_\_ BED LENGTH: \_\_\_\_\_

### 4. CAMPER INFORMATION

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

### 5. DEALER INFORMATION

PURCHASED FROM: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP / POSTAL: \_\_\_\_\_  
INSTALLED BY: \_\_\_\_\_ OWNER ABOVE DEALER ANOTHER DEALER

IF ANOTHER DEALER, WHO: \_\_\_\_\_