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UNIVERSAL HITCH

35-946402

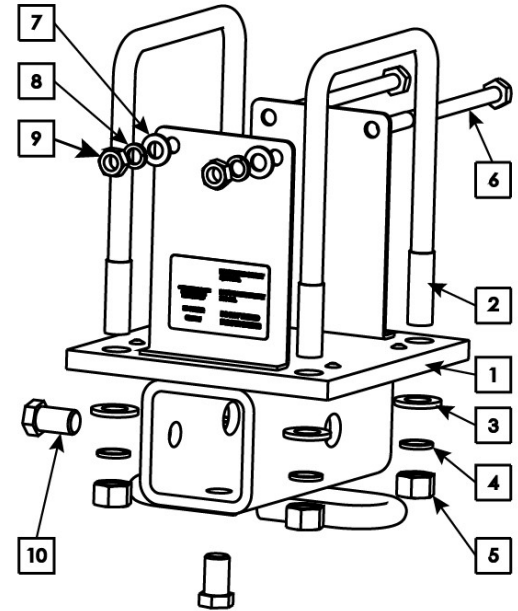
INSTALLATION

HITCH RECEIVER MUST BE INSTALLED ACCORDING TO THE INSTALLATION INSTRUCTIONS PROVIDED BY ULTRA-FAB PRODUCTS, INC. ANY DEVIATION TO THE INSTALLATION INSTRUCTIONS VOIDS THE WARRANTY AND COULD BE HARMFUL TO THE USER AND OTHERS.

THE UNIVERSAL HITCH can only be mounted to a continuous steel welded bumper. If you are not sure the bumper is continuous steel welded please contact your RV Dealer.

POSITION and **ASSEMBLE** the Universal Hitch underneath the 4" square bumper with the product label facing away from the RV as shown in the illustration to the right.

1. **Snug** all nuts using flat washers and lock washers. (Order sequence: flat washer, lock washer, nut – see illustration.) The U-Bolt nuts need to be tightened to specific torque specifications. The M8 nuts need to be tightened to the M8 bolts as tight as possible.
2. **Tighten** the four U-bolt nuts starting with the **two nuts closest to you**, then follow with the **two nuts closest to the RV**. Tighten evenly to 30 foot pounds (dry) or 15 foot pounds (lubed).
3. **Tighten** the U-bolt nuts to full **TORQUE SPECIFICATION** (see bottom right chart or 60 ft lbs-dry/38 ft lbs-lubed) again starting with the **two nuts closest to you**, then following with the **two nuts closest to the RV** – continue in this manner until full torque is reached.
4. **Recheck** all of the U-bolt nuts for proper torque. You will notice you will have to do this several times in order to hold the proper torque specification. **Periodically recheck** the U-bolt nuts to ensure they are holding the proper torque specification.
5. **You will also notice** the side of the bumper tube will bulge. This is normal.
6. **Insert** both M8 bolts (#6) through holes in plate and install washers/nuts (see diagram #7, #8 & #9) and tighten snug-tight.
7. **After inserting hitch mount** to the receiver tube, insert and tighten both ½"-20 x 1" (#10) bolts to reduce movement between the hitch mount and receiver tube. Check for tightness after each trip.



WARNINGS

- FOR TOWING PURPOSES: MAXIMUM TRAILER WEIGHT 3,500 POUNDS – MAXIMUM TONGUE WEIGHT 100 POUNDS.**
- DO NOT EXCEED MANUFACTURERS BUMPER RATING.**
- NOT FOR USE ON DECORATIVE ALUMINUM BUMPER COVERS.**
- THIS UNIVERSAL HITCH** is designed for typical use and applications on paved or smooth gravel roads. Do not use this Universal Hitch on a trailer that will be driven on rough roads or where an installed bicycle rack and bicycles or other items will be subject to significant or constant jarring and/or shock, or any trailer with very stiff springs that will transfer the load shock directly to the Universal Hitch, installed bicycle rack and bikes, or other items.
- THE PURCHASER** should not allow the load created by bicycles racks and bicycles and other items installed into the Universal Hitch to exceed the maximum rating of 100 pounds on the Universal Hitch or bumper.
- PROPER FITTING** and installation of this Universal Hitch to your trailer bumper is critical, and is not the manufacturer's responsibility.
- IMPROPER USE** of this Universal Hitch may result in damage to your bicycle rack and bicycles or other items, your trailer, and even to other vehicles driving behind you as the result of colliding with or trying to avoid fallen bicycles or other items installed into the Universal Hitch.
- PURCHASER IS ADVISED** that the load created by items installed (i.e. bicycles) may exceed the strength of the trailer or 5th Wheel bumper or other mounting location. Failure through improper mounting will void the Universal Hitch warranty.
- EXCESSIVE MOVEMENT** can cause damage to items (bicycle racks) installed into the Universal Hitch. This is not covered by warranty. Pull the bicycle rack or other item installed in the Universal Hitch back and forth and if there is excessive movement secure the bicycle rack, bicycles, or other items with a tether strap.

ILL #	QTY	DESCRIPTION
1	1	Hitch Receiver
2	2	½"-13 U-Bolt
3	4	½" Washer
4	4	½" Lock Washer
5	4	½"-13 Nut
6	2	M8 Bolt
7	2	M8 Washer
8	2	M8 Lock Washer
9	2	M8 Nut
10	2	½"-20 x 1"

TORQUE SPECIFICATIONS FOR U-BOLTS

- 60 foot pounds (dry threads)
 - 38 foot pounds (lubed threads)
- IT IS VERY IMPORTANT TO TIGHTEN THE NUTS/BOLTS TO THE PROPER TORQUE.**





Ultra-Fab

ONE-YEAR LIMITED WARRANTY

MANUAL 5TH WHEEL LANDING LEGS AND MOTOR/SWITCH, RV BUMPER RECEIVER ADAPTER, UNIVERSAL HITCH, ACCESSORY ADAPTER, TONGUE JACK COVER, POWERTWIN, UNIVERSAL TIE DOWN STRAP, ACCESS DOORS, SKID WHEELS, STEEL ROLLERS, CARGO HAULERS, BIKE RACK ACCESSORY, MX HAULER, SOLAR PLUMBING VENT

THE MANUFACTURER NAMED BELOW MAKES THE FOLLOWING WARRANTY WITH RESPECT TO THE ABOVE ULTRA-FAB PRODUCTS

- This Warranty is made only to the first Purchaser (hereinafter called the "Original Purchaser") who acquires this product for their own use.
- This Warranty will be in effect for one year from the date of purchase by the Original Purchaser. It is suggested that the Original Purchaser retain a copy of the dated bill of sale as proof of the date of purchase.
- This Warranty covers only specified parts which shall be free from defects in material and workmanship under normal use. This Warranty does not cover conditions unrelated to the material and workmanship of the product. Such unrelated conditions include, but are not limited to (a) faulty installation and any damage resulting from such; (b) the need for normal maintenance and any damage resulting from the failure to provide such maintenance; (c) failure to follow Manufacturer's instructions for use of this product, and (d) any accident to, or misuse of, any part of this product and any alteration by anyone other than the Manufacturer or its authorized representative.
- In order to obtain the benefits of this Warranty, you should return the product which you find defective to the Manufacturer named below during the period that this Warranty is in effect. All charges incurred in delivery of the product to the Manufacturer, and in picking it up after the Warranty service has been completed, must be paid by the Original Purchaser.
- Any item returned in the manner described in paragraph 4 will be examined by the Manufacturer. If it is found that the returned item was defective in material or workmanship, the Manufacturer will repair it without charge for material and labor.
- Ultra-Fab will pay freight on replacement parts during the first 90 days of ownership by the Original Purchaser.
- The Manufacturer does not authorize any person or company to create any Warranty obligation or liability on their behalf.
- IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. 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 IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PURPOSE, IS LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.
- THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Ultra-Fab Products, Inc.

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www.ultra-fab.com

**REGISTER
YOUR PRODUCT**

Please visit our website www.ultra-fab.com
click on the WARRANTY tab and select REGISTER YOUR WARRANTY.

As a registered ULTRA-FAB customer, you'll be able to:

- Stay informed of new products, announcements, and special offers.
- Get faster updates and news by including your email address.