

# **INSTALLATION INSTRUCTIONS**

**MODEL NO. 88023**

Hardware Kit #1124-39

**APPLICATION:** 1997-06 Jeep Wrangler (All Models)  
2006 Jeep Rubicon

**WARNING**

Although this hitch is designed to safely tow its rated load, we recommend that you consult your vehicle owner's manual for possible manufacturer's recommendations or limitations. Always follow the manufacturer's installation instructions and always install on the specified vehicle. Before installing hitch, check that the attachment points are in good condition.

Failure to follow these guidelines will void warranty. Any modifications to this hitch will void warranty.

**CLASS II**

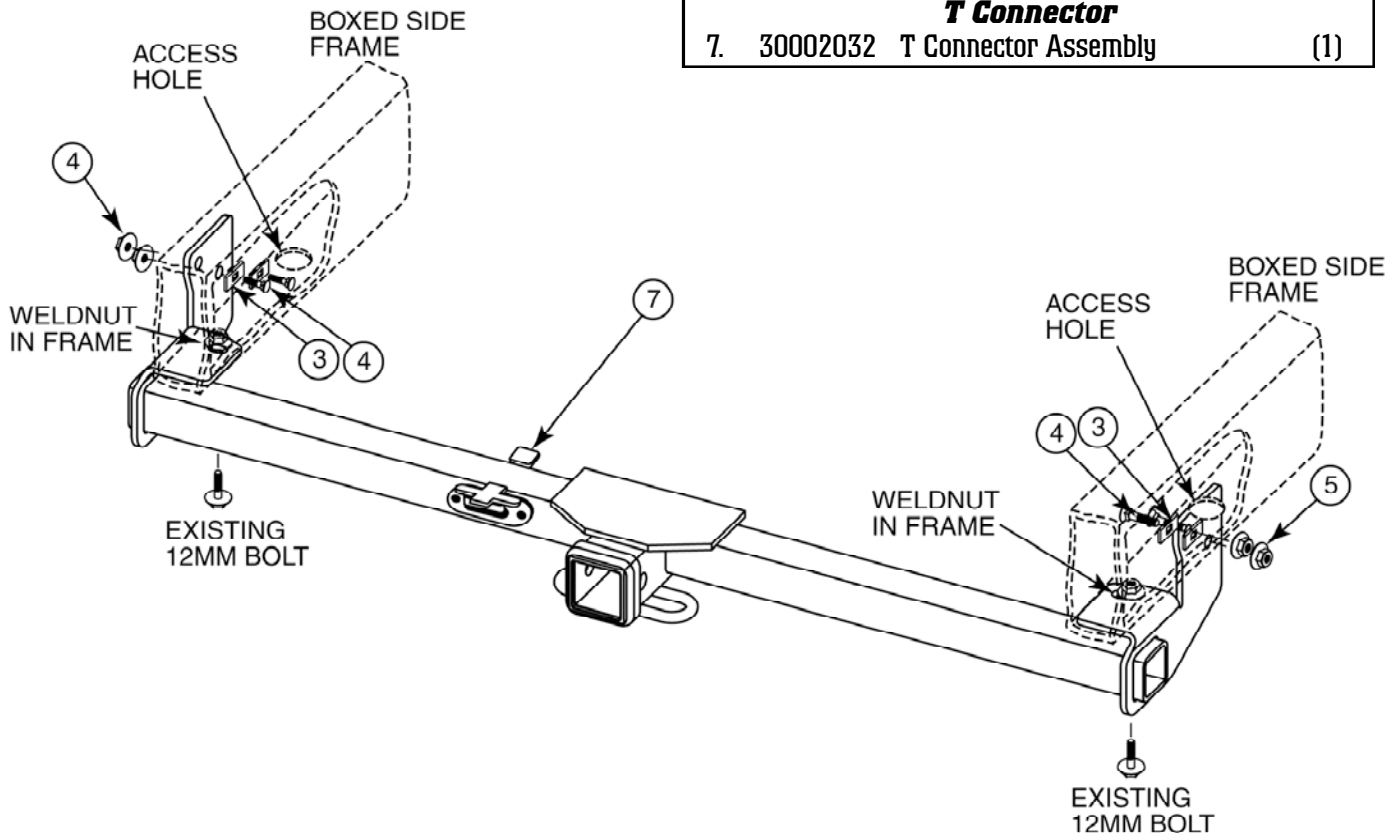
**WEIGHT CARRYING HITCH CAPACITY**

**3,500 LBS. MAXIMUM TRAILER WEIGHT**  
**350 LBS. MAXIMUM TONGUE WEIGHT**

Trailer brakes are recommended for towing loads in excess of 1500 lbs.

**COMPLETE PARTS LIST**

Part	Description	Quantity
1.	Receiver Assembly	(1)
<b><u>HARDWARE KIT #1124-39</u></b>		
2.	112438 Instruction sheet	(1)
3.	182604 Square Hole Plate	(4)
4.	157901 1/2-13 x 1-1/2 Carriage Bolt	(4)
5.	182803 1/2-13 Flange Lock Nut	(4)
6.	489207 Pull Wire	(1)
<b><u>T Connector</u></b>		
7.	30002032 T Connector Assembly	(1)



1. **Read instructions thoroughly before beginning.**
2. Carefully remove the protective splash covers from the lower rear corners of the vehicle (fig. 1) and locate the vehicle's tail light wiring harness under each cover. The wiring harness can be identified by connectors that match those on the supplied wiring harness.
3. Carefully separate the matching vehicle connectors on the left (drivers) side, taking care not to break the locking tabs. Clean away any dirt and debris from the connector ends.
4. Insert the supplied harness ends with the Yellow wires between the separated vehicle connectors and press firmly together, ensuring that the locking tabs engage.
5. Route the supplied harness ends with the Green wires under the vehicle to the right (passenger) side and repeat steps 2 & 3.
6. Continuing on the right (passenger) side, locate a clean accessible mounting location on the vehicle frame or a cross member near the harness ends within reach of the white wire and grounding eyelet. Remove any debris or undercoating to expose a clean metal surface and drill a 7/64" hole.

**Caution:** Take care not to drill through the body or any exposed surface.



Figure 1

7. Mount the White wire using the ground screw and eyelet provided.

### **Hitch Installation**

1. Remove tow hook and 12mm bolts from end of each vehicle frame. The forward clip nut on each frame will also be removed. Save bolts for hitch installation. Tow hook and clip nuts will no longer be used.
2. Position receiver assembly up against the bottom and outer surface of each vehicle frame. Loosely bolt in place at bottom of frame attachment points using the previously removed 12mm bolts threaded into the weld nuts at end of each frame. Do not tighten bolts at this time.
3. Assemble a carriage bolt #4 and square hole plate #3. Attach the pull wire to the threaded end of the carriage bolt and pull into the box frame through access hole in bottom of frame. Continue pulling so that the carriage bolt extends out through the hole in the side of the frame and hole in the hitch frame bracket. Loosely secure with flange nut #5. Repeat process on remaining hitch attachment points.
4. Tighten all bolts to 75 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.
5. Plug the remaining connector of the installed harness T Connector Assembly #7 into the mating connector on the inward side of the hitch once installed. Press the connectors firmly together, ensuring that the locking tabs engage.
6. Confirm correct operation of the 4-Flat connector T Connector Assembly #7 by using a test light or a properly equipped trailer.
7. Secure any loose wires under the vehicle using cable ties and return the protective splash covers to their original positions.

**WARNING:** Use only a 5/8" diameter hitch pin with locking device to secure a ball mount in this receiver.

**WARNING:** Be sure to check the hitch pin and hair pin for positive locking placement before towing trailer.

**NOTE:** When hitch is not being used, remove ball mount from receiver and place the receiver cover into receiver opening.

**NOTE:** Some states require a clear view of license plates. Remove trailer ball and/or ball mount when not in use if it restricts view.

For information regarding the installation of this product, go to: [www.towingsupport.com](http://www.towingsupport.com)  
or Email us at: [tech@towingsupport.com](mailto:tech@towingsupport.com) or Call our Technical Support Team at: 1-800-344-3230

This product complies with regulation V-5, C.S.A Standard D-264 and safety requirements for connecting devices and towing systems of the State of New York