

INSTALLATION INSTRUCTIONS

Rev. 1

MODEL NO. 82180

78214

APPLICATION: **2000-03 Chrysler Voyager & Grand Voyager Van**
 1996-06 Chrysler Town & Country Van (except Stow & Go)
 1996-06 Dodge Caravan & Grand Caravan (except Stow & Go)
 1996-99 Plymouth Voyager & Grand Voyager Van
 All applications include "Sport" model

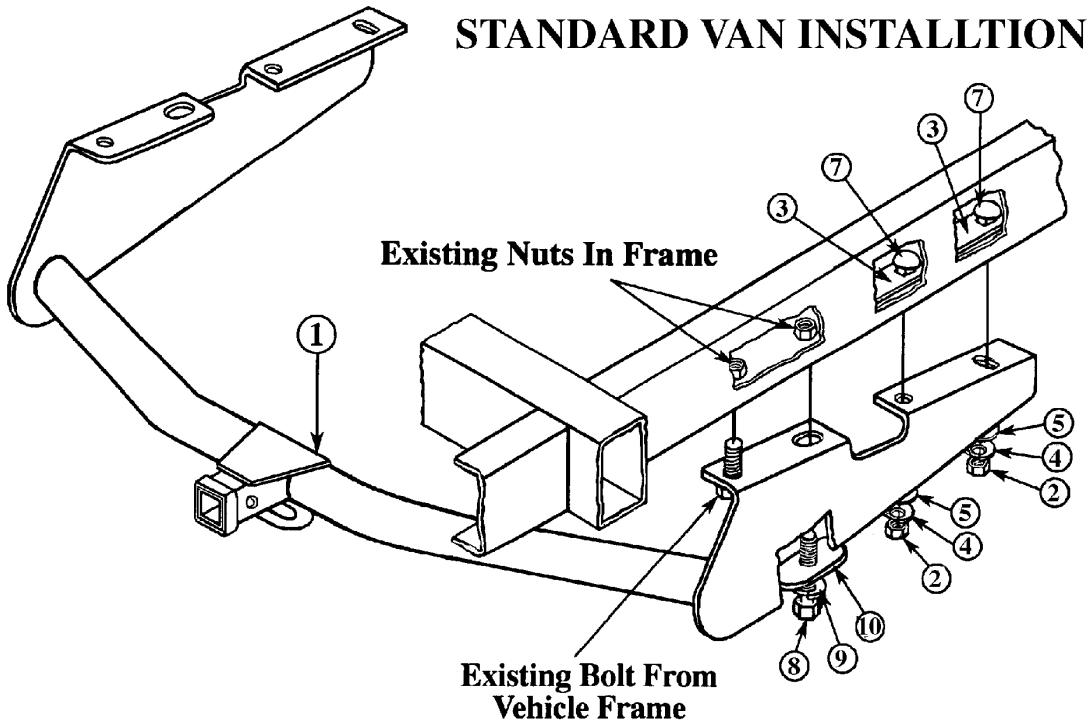
WARNING: Although this hitch is designed to safely tow its rated load, we recommend that you consult your vehicle owner's manual for possible manufacturer's recommendations or limitations. Trailer brakes are recommended for towing loads in excess of 1500 lbs. Always follow the manufacturer's installation 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.

WARNING: Use only a 5/8" diameter hitch pin with locking device to secure a ball mount in this receiver. Be sure to check the hitch pin and hair pin for positive locking placement before towing trailer.

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.

COMPLETE PARTS LIST			
<i>Item</i>	<i>Part #</i>	<i>Description</i>	<i>Quantity</i>
1.		Receiver Assembly	1
2.	1861-03	7/16-14 Hex Nut	4
3.	2794-08	Square Hole Plate	4
4.	1887-03	7/16 Flat Washer	4
5.	1879-03	7/16 Lockwasher	4
6.	3426-02	Spacer Plate	4
7.	2793-01	7/16-14 x 1-1/2 Carriage Bolt Gr. 5	4
8.	2372-04	12mm x 1.75 x 40mm Hex Bolt Cl. 10.9	2
9.	1880-03	1/2 Lockwasher	2
10.	3899-04	Reinforcement Plate	2
11.	1146-01	10mm x 1.5 x 35mm Hex Bolt 10.9	4
12.	4672-01	7/16 Pull Wire	1

CLASS III
WEIGHT CARRYING HITCH CAPACITY
3,500 LBS. MAXIMUM TRAILER WEIGHT 3500 LBS. MAXIMUM TONGUE WEIGHT
WEIGHT DISTRIBUTING HITCH CAPACITY
5,000 LBS. MAXIMUM TRAILER WEIGHT 500 LBS. MAXIMUM TONGUE WEIGHT



**INSTALLATION INSTRUCTIONS FOR
ALL LONG WHEELBASE VANS
AND
SHORT WHEELBASE VANS WITHOUT REAR STABILIZER BAR
(Main Illustration)**

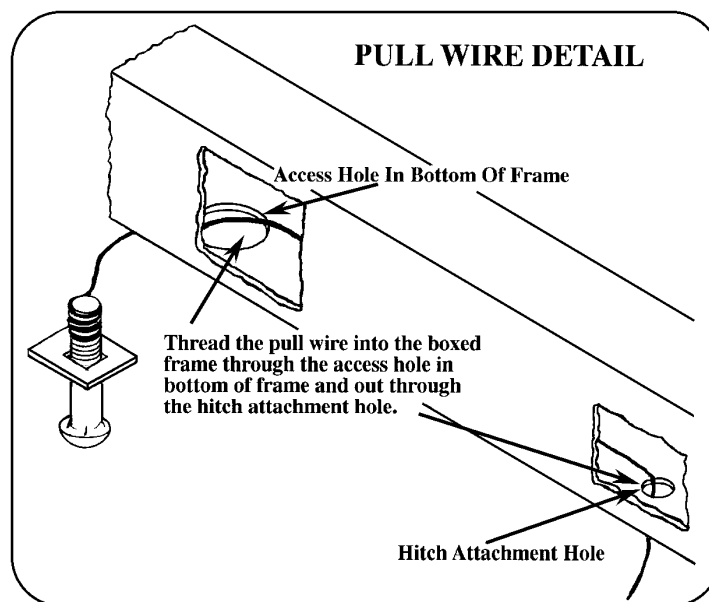
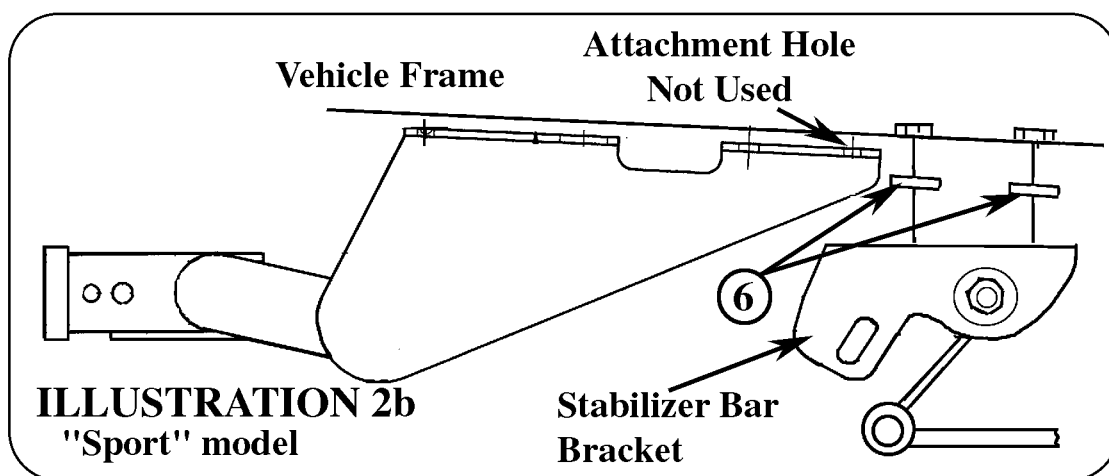
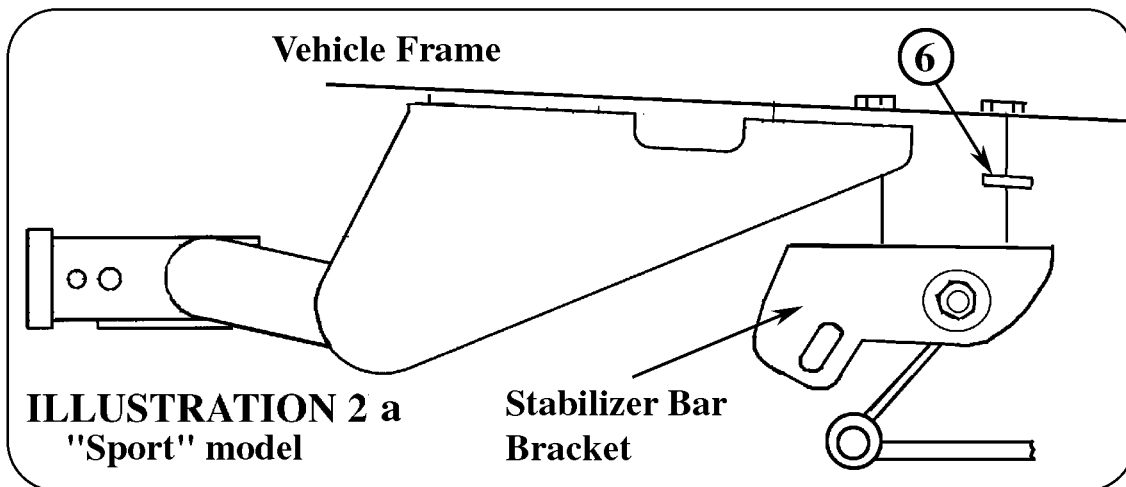
1. Remove the rear most 12mm bolt from the bottom of each vehicle side frame. Save these bolts for later hitch installation.
2. Assemble the 7/16" carriage bolts #7 with square hole plates #5 and pull wire. Insert into access hole in vehicle frame. The access hole must be enlarged slightly for ease of installation. Using the pull wire, position bolts so they drop out of frame through the small attachment holes located forward of the access hole. Repeat procedure on other vehicle side frame. NOTE: On some applications a hole may need to be drilled in bottom of frame in line with hole in frame bracket. Position hitch up in place to check hole locations.
3. Carefully position the hitch assembly up against the bottom of the vehicle frame, in line with the holes where bolts were previously removed. Allow the previously installed bolts to drop down through the forward hole in each hitch frame bracket. Bolt loosely in place.
4. Re-install the previously removed rear bolts through the open holes in hitch frame brackets and into threaded holes in vehicle frame.
5. Remove the center existing bolt from each vehicle side frame. These bolts will be centered within the large hole in each hitch frame bracket.
6. Place a reinforcement plate #10 over the large hole in each hitch frame bracket and bolt in place with the longer 12mm bolts #8 and 1/2" lock washers #9 supplied in kit.
7. Tighten the 12mm bolts to 75 ft. lbs. torque and the 7/16" bolts to 55 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.

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

**INSTALLATION INSTRUCTIONS FOR
SHORT WHEELBASE "SPORT" MODEL VANS
WITH REAR STABILIZER BAR
(Illustrations 2a and 2b)**

1. Remove the rear most 12mm bolt from the bottom of each vehicle side frame. Save these bolts for later hitch installation.
2. Carefully remove the two 10mm bolts which attach the end of the stabilizer bar to the bottom of each vehicle side frame. There will be a small amount of pressure against these bolts as they are loosened. Let the stabilizer bar assembly swing down away from the frame.
3. Assemble the 7/16" carriage bolts #7 with square hole plates #5 and pull wire. Insert into access hole in vehicle frame. The access hole must be enlarged slightly for ease of installation. Using the pull wire, position bolts so they drop out of frame through the small attachment holes located forward of the access hole. Repeat procedure on other vehicle side frame.
4. Carefully position the hitch assembly up against the bottom of the vehicle frame, in line with the holes where bolts were previously removed. Allow the previously installed bolts to drop down through the forward hole in each hitch frame bracket. Bolt loosely in place.
5. Re-install the previously removed rear bolts through the open holes in hitch frame brackets and into threaded holes in vehicle frame.
6. Remove the center existing bolt from each vehicle side frame. These bolts will be centered within the large hole in each hitch frame bracket.
7. Place a reinforcement plate #10 over the large hole in each hitch frame bracket and bolt in place with the longer 12mm bolts #8 and 1/2" lock washers #9 supplied in kit.
8. Push the stabilizer mounting plate back up against its mounting location. Note how it lines up with the hitch frame bracket. There are two different locations depending on the vehicle.
(A) See Illustration 2a. If the rear attachment hole lines up with the hole in the hitch frame bracket and threaded hole in frame, bolt in place using longer 10mm bolt #11 supplied with hitch. At the forward bracket attachment hole, place a spacer plate #6 between the bracket and vehicle frame. Bolt in place with the longer 10mm bolt #11 supplied.
(B) See Illustration 2b. If the rear attachment holes do not line up with holes in hitch frame bracket, place a spacer plate #6 between the bracket and the vehicle frame at both attachment holes and bolt in place with longer 10mm bolts #11 supplied. The rear section of bracket will rest over the forward hole in hitch frame bracket. This hole will not be used for hitch attachment.
9. Tighten the 12mm bolts to 75 ft. lbs. torque, the 10mm bolts to 42 ft. lbs torque and the 7/16" bolts to 55 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.

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



For information regarding the installation of this product, go to: www.towingsupport.com
 or Email us at: 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