

# INSTALLATION INSTRUCTIONS

Rev. 1

MODEL NO. 81970

41533

**APPLICATION:** 1994-04 Dodge Van Full Size

**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

Item	Part #	Description	Quantity
1.		Receiver Assembly	1
2.	4349-09	Square Hole Plate	5
3.	3730-05	1/2 Conical Washer	9
4.	1828-03	1/2-13 Locknut	7
5.	1579-01	1/2-13 x 1-1/2 Carriage Bolt	5
6.	1836-03	1/2-13 x 1-1/2 Hex Bolt	2
7.	2372-06	12mm x 1.75 x 40mm Hex Bolt	5
8.	4892-07	Pull Wire	1

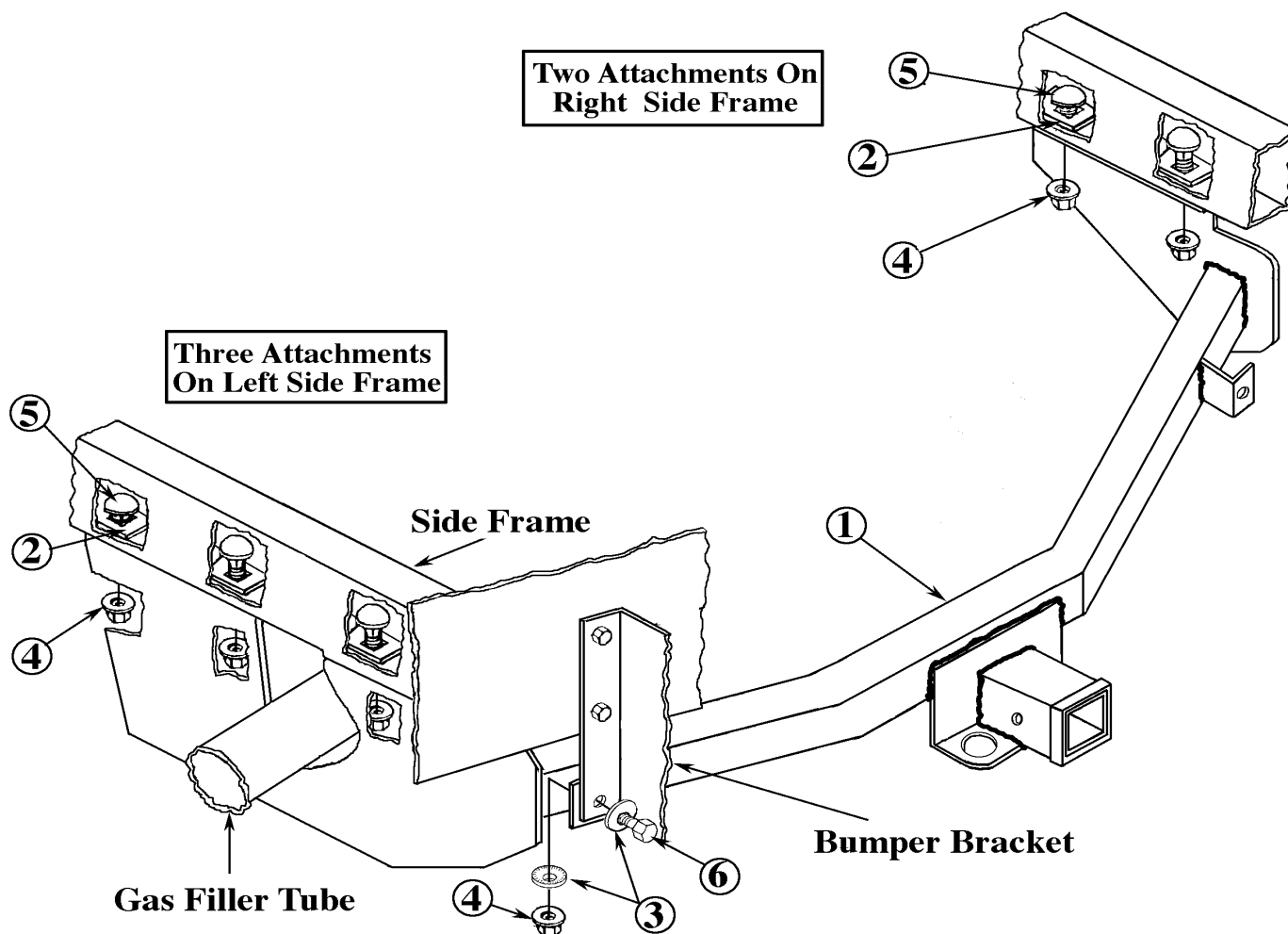
## CLASS V

### WEIGHT CARRYING HITCH CAPACITY

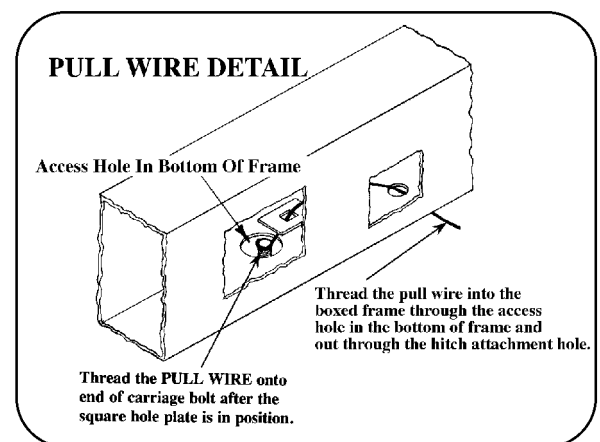
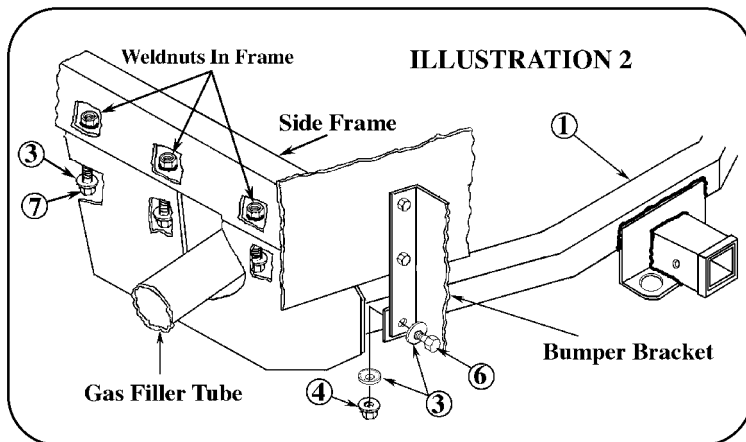
6,000 LBS. MAXIMUM TRAILER WEIGHT  
600 LBS. MAXIMUM TONGUE WEIGHT

### WEIGHT DISTRIBUTING HITCH CAPACITY

10,000 LBS. MAXIMUM TRAILER WEIGHT  
1,000 LBS. MAXIMUM TONGUE WEIGHT



1. Locate the last two holes in the bottom of each vehicle frame. Check these holes to see if they will accept 1/2" bolts. If they will not, enlarge the holes to 1/2" diameter. NOTE: Some later model vans may have weld nuts in the frame. On these vehicles you will skip to Step 3 and use the 12mm bolts and conical washers to bolt the hitch in place as shown on Illustration 2.
2. Using the pull wire, place THREE 1/2 carriage bolts #5 and THREE square hole plates #2 into the left vehicle frame through the large access hole in the bottom of the frame. Pull the bolts down through the THREE holes in bottom of left frame. Place TWO 1/2" carriage bolts #5 and TWO square hole plates #2 into the right vehicle frame and pull bolts down through attachment holes in bottom of frame. See Pull Wire Illustration below.
3. Position hitch assembly up against bottom of vehicle frame and forward side of bumper bracket tabs, so that previously installed bolts will drop down through the holes in top flanges of hitch frame brackets. On applications with gas filler tube located under the left side frame, be sure that the large cutout in hitch frame bracket fits around this filler tube. Bolt loosely in place as illustrated. Be sure that the wiring harness which may be located under the frame on some applications, is not pinched by the hitch frame bracket.
4. Bolt the cross tube tab on the hitch assembly to the forward side of the bumper bracket tab at the lower existing hole. Place a 1/2" conical tooth washer #3 on each side of assembly as illustrated.
5. Tighten all bolts to 75 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.



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