

September 2007

INSTALLATION INSTRUCTIONS

POWER PULL

MODEL NO. 82791

APPLICATION: 2006-08 Dodge Ram 2500 & 3500 P/U (without factory installed hitch)
2006-08 Dodge Ram 1500 Mega Cab P/U (Will not fit 1500 Long or Short Bed)

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.

WEIGHT CARRYING HITCH CAPACITY

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

WEIGHT DISTRIBUTING HITCH CAPACITY

12,000 LBS. MAXIMUM TRAILER WEIGHT
1,200 LBS. MAXIMUM TONGUE WEIGHT

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

COMPLETE PARTS LIST

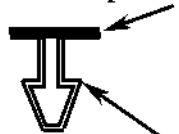
<i>Part</i>	<i>Description</i>	<i>Quantity</i>
1.	Receiver Assembly	(1)
2.	3188-02 5/8 Spacer Plate	(2)
3.	3976-07 1/4 Spacer	(2)
4.	1417-03 Square Hole Plate	(4)
5.	1579-01 1/2-13 x 1-1/2 Carriage Bolt	(4)
6.	1128-03 1/2-13 x 2-1/2 Carriage Bolt	(2)
7.	1828-03 1/2-13 Hex Flange Locknut	(4)
8.	2101-06 5/8-11 x 2-1/4 Socket Bolt	(2)
9.	1223-05 5/8-11 Hex Flange Locknut	(2)
10.	1893-01 3/8 Hex Key Wrench	(1)
11.	4892-07 1/2 Pullwire	(1)

1. Locate the four plastic locking studs, under the bumper, which hold the bumper cover to the top of the steel bumper. With pliers or similar tool, carefully squeeze these studs together and push them up through the bumper. **CAUTION:** Use care when removing the studs so as not to damage the locking tabs on the studs. See Illustration 1.

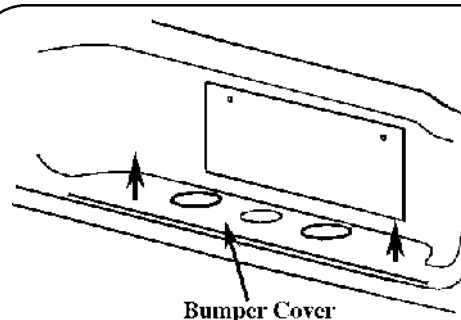
- 1a. From the top carefully pull the bumper cover up to gain access to the top of the steel bumper. Do not deform the bumper cover when pulling it up. Underneath the bumper cover there will be a 3/4" diameter hole on each side of the center ball hole. These holes will be used for hitch attachment. See Illustration 1a.

ILLUSTRATION 1

Bumper Cover



**Do not damage
locking clips**



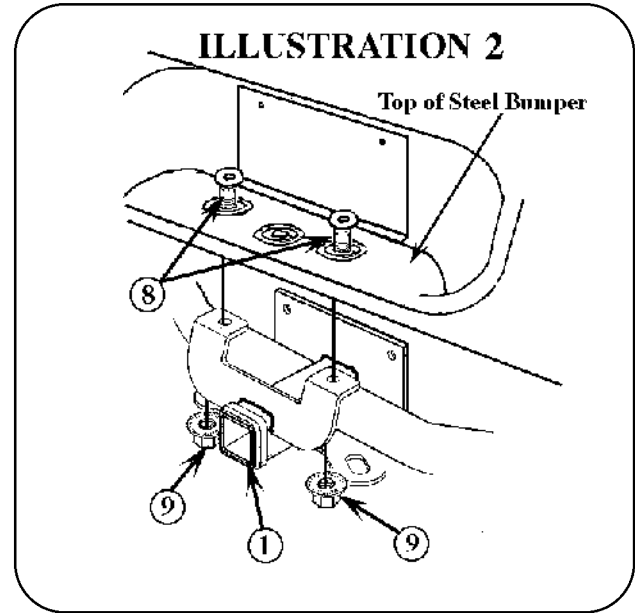
Bumper Cover

ILLUSTRATION 1a

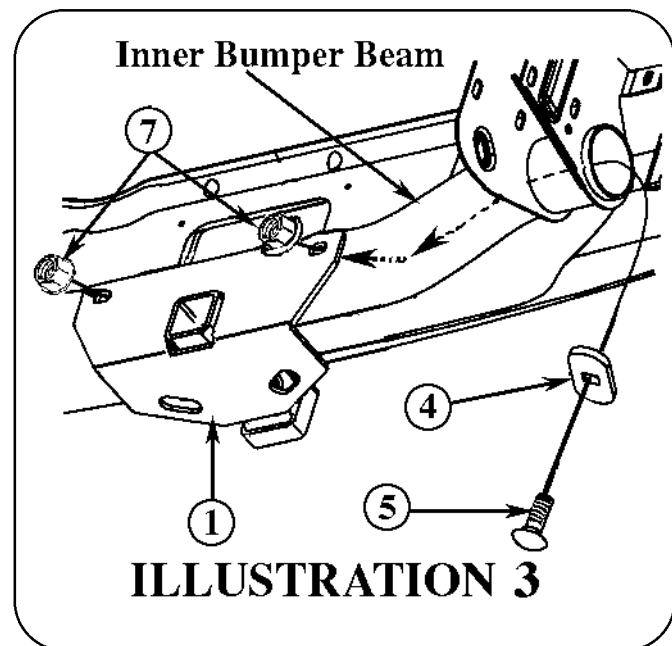
INSTALLATION NOTE:

Before beginning hitch installation, check the end of the truck frame. Newer trucks have an added reinforcement with attachment bolt that extends through the inner side of frame. This bolt must be removed and reinstalled with head of bolt on the inside of frame so hitch will clear it.

2. Place a 5/8" flat head socket bolt #8 down through each of the outer 3/4" open holes in bumper. See Illustration 2.
3. Carefully position the receiver assembly up against bottom surface of bumper so that previously installed bolts drop through holes in yoke on top of receiver. Loosely bolt in place with 5/8" flange locknuts #9. Use the 3/8 hex key wrench to hold the socket bolt.



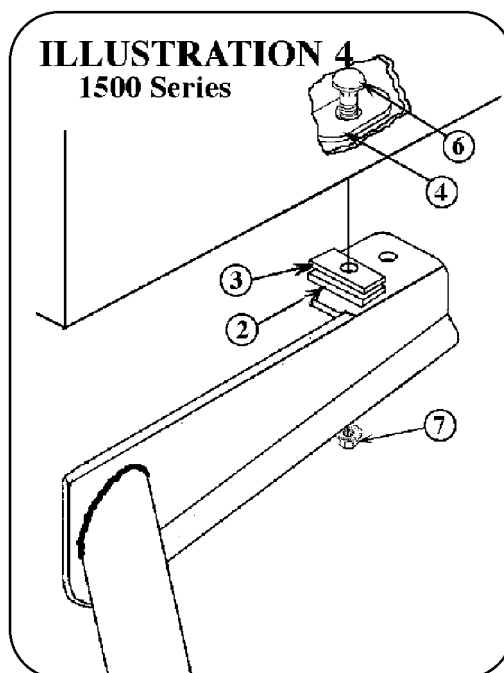
4. Using the pull wire, insert a 1/2" carriage bolt #5 and square hole plate #4 into the end of the round inner bumper beam and pull the bolt out through hole in beam and receiver parts as shown in Illustration 3. Bolt plate on receiver assembly in place against the inner bumper beam.
5. Proceed to the side frame attachments using the specific directions for your model truck.



1500 Mega Cab P/U

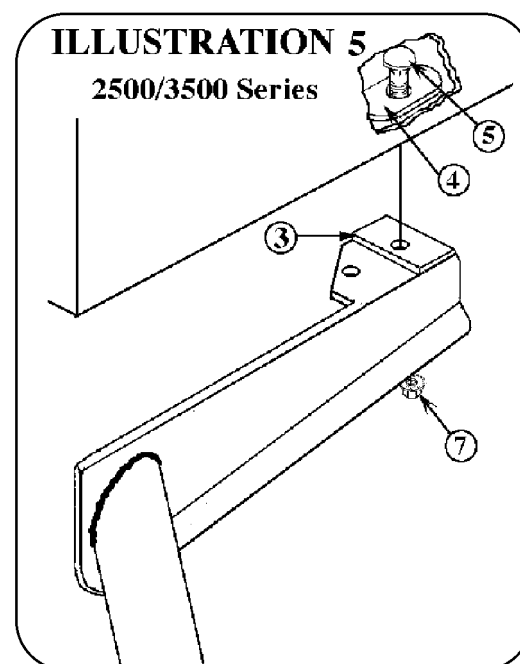
- 5a. Assemble the 1/2 x 2-1/2" carriage bolt #6 with a square hole plate #4. Attach pull wire to bolt and pull assembly into truck frame from opening at end of the frame. Pull bolt out of frame through hole that lines up with one hole near end of hitch frame bracket.

There will be a space between the hitch frame bracket and bottom of the frame. Place a 1/4" spacer plate #3 and a 5/8" spacer plate #2 between the frame and hitch bracket at the bolt location. Bolt parts to frame as shown on Illustration 4.



2500/3500 P/U

- 5b. Assemble the remaining 1/2 x 1-1/2" carriage bolt #5 with a square hole plate #4. Attach pull wire to bolt and pull assembly into truck frame from opening at end of the frame. Pull bolt out of frame through hole that lines up with a hole near end of hitch frame bracket. Bolt parts to frame as shown on Illustration 5. Spacer plates #3 may be used between the hitch frame brackets and truck frame if there is a space between frame bracket and frame.
5. Tighten the 5/8" bolts to 160 ft. lbs. torque and the 1/2" bolts to 75 ft. lbs. torque.
6. Push the bumper cover back down in place and lock the four plastic studs into their holes in bumper.



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 this product, or our warranty, contact your dealer or write to:
"CUSTOMER SERVICE MANAGER" P.O. Box 850, Lodi, CA 95241

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