

INSTALLATION INSTRUCTIONS

Rev. 2

MODEL NO. 69552 Gooseneck Mounting System

APPLICATION: 2003-09 Dodge Ram 2500 & 3500 HD P/U (Excludes all Mega Cab P/U)

For use only with:

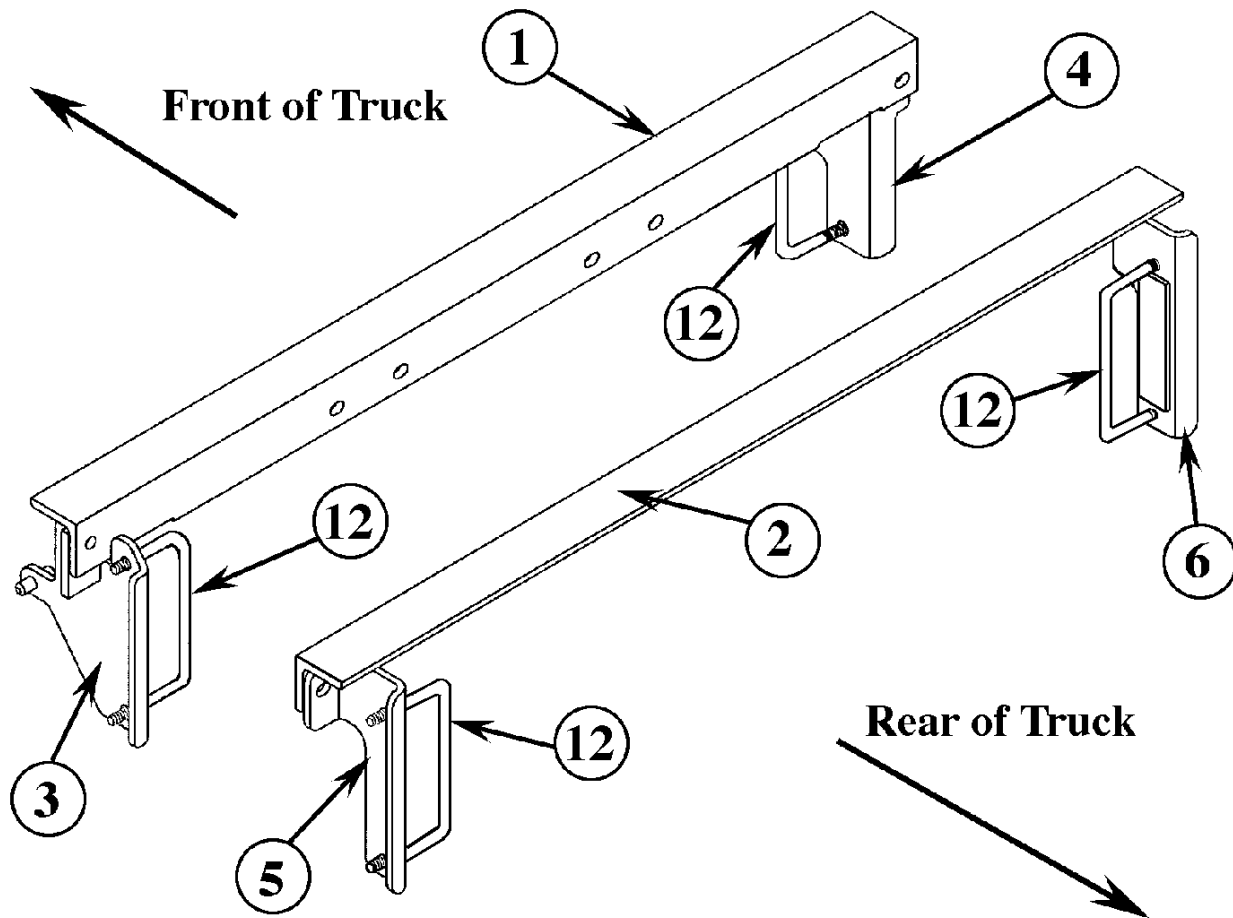
Valley Industries 69662 STOW-A-BALL Gooseneck Ball Platform
 Installation of this hitch will place the ball approximately 4-7/8" ahead of the axle.

Install Kits are limited to the tow ratings of the vehicle

COMPLETE PARTS LIST

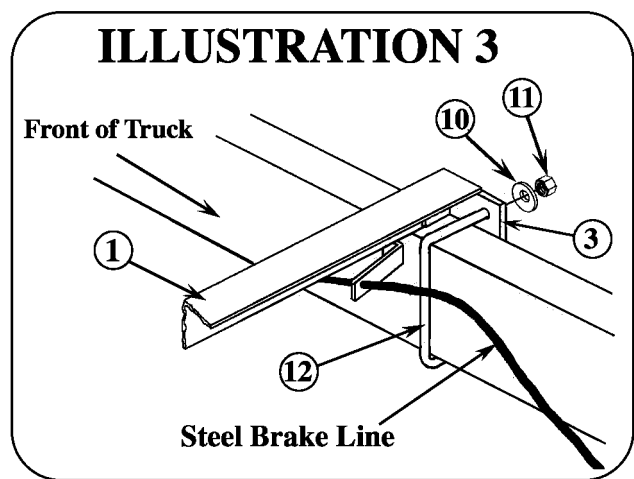
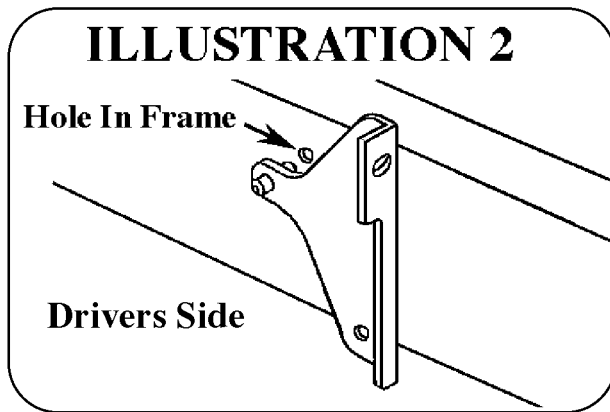
Part	Description	Quantity
1.	3013-01 Front Cross Angle	1
2.	3014-03 Rear Cross Member	1
3.	3023-01 Lt. Front Bracket	1
4.	3021-08 Rt. Front Bracket	1
5.	3016-05 Lt. Rear Bracket	1
6.	3018-07 Rt. Rear Bracket	1
7.	1836-03 1/2-13 x 1-1/2 Hex Bolt	4

Part	Description	Quantity
8.	1888-03 1/2 Flatwasher	4
9.	1862-03 1/2-13 Hex Nut	4
10.	3730-05 1/2 Conical Washer	12
11.	4034-05 1/2-13 Nylon Lock Nut	8
12.	2461-05 1/2-13 x 6-9/16 U-Bolt	4
13.	2975-01 Handle (longer)	1

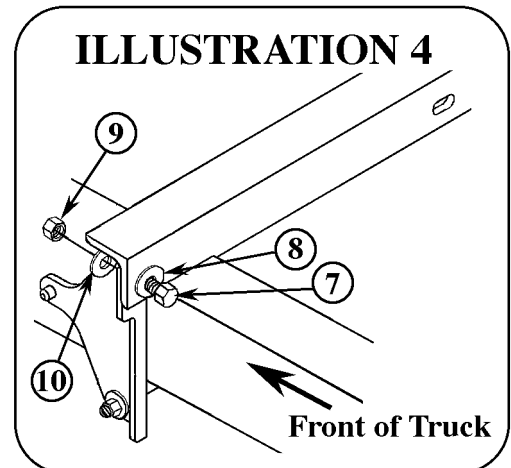


1. Remove spare tire from its under bed storage location. This will allow easier cross angle installation. Spare tire will be placed back in original location after hitch is installed.
- 1a. On the inside of the left vehicle frame is a wiring harness that is held in place with plastic clips. This section of wiring harness must be moved aside by removing plastic clips from frame. This will allow the hitch parts to be positioned correctly on frame.
2. Position the left and right front brackets #3 and #4 against their respective truck frames so that the pin in each bracket aligns with the existing hole in the side of the vehicle frame. See Illustration 2.
3. Bolt the left and right front brackets to the frame with the U-bolts #12. Take care when positioning the left U-bolt so that it fits between the steel brake line and the truck frame. The U-bolt must not clamp down on the brake line. See Illustration 3.

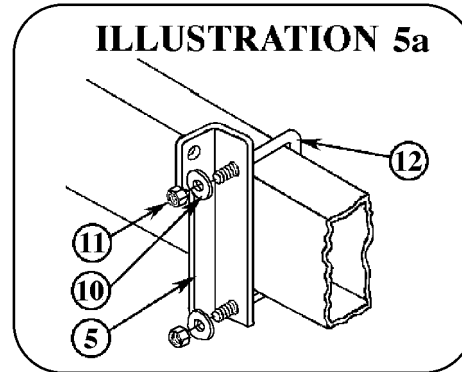
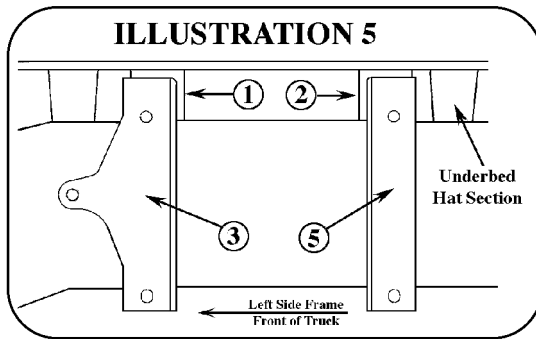
NOTE: After the U-Bolts are installed and torqued to specification, the lower leg of the U-bolts may need to be trimmed off to clear leaf springs or suspension parts.



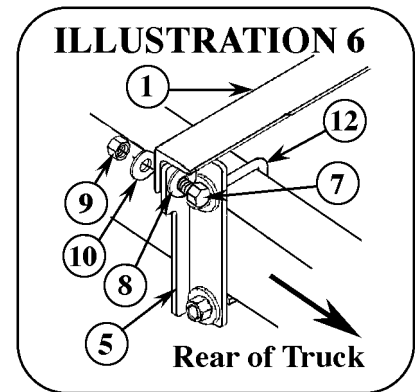
4. Slide the front cross angle #1, under bed of truck just behind the forward under bed hat section. Position the cross angle so that the leg with no holes will be resting on the top of the previously installed frame brackets and pointing towards the front of the truck. Bolt cross angle to frame brackets as shown on Illustration 4. Tighten the 1/2" attachment bolts to 75 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.



- Place the left and right rear brackets #5 and #6 up in place against the outside surface of the vehicle frame, just forward of the under bed hat section reinforcement. See Illustration 5 & 5a.



- Slide the rear cross angle #2 under bed of truck just ahead of the rear under bed hat section. Position the cross angle so that the leg with no holes will be resting on the top of the previously installed frame brackets and pointing towards the rear of the truck. Bolt cross angle to frame brackets as shown on Illustration 6. Be sure to place washers #8 and #10 at correct locations. Tighten the 1/2" attachment bolts to 75 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.
- Proceed to the gooseneck head instructions for the head you are installing.

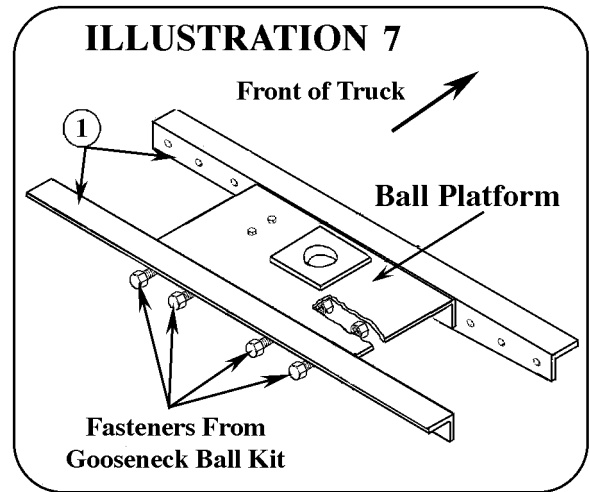


STOW-A-BALL Installation Instructions: Illustrations 7, 7a, 8 & 9

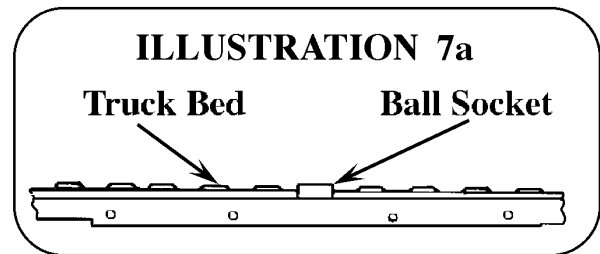
CAUTION: Before cutting the ball hole in truck bed, be sure to double check dimension layout in truck bed using dimensions in illustration 9

- Locate the hole for the ball socket in the truck bed by measuring from the rear edge of bed forward towards the cab, at the center line of the truck. Mark this location on floor of bed. Be sure you are using the correct dimensions shown on Illustration 9 located on last page of this instruction sheet. Measure between the wheel wells and mark a center line where it intersects the front to rear mark. This will be the location for the gooseneck ball hole. Check to be sure there are no wires, cables or lines under the bed before cutting hole.
- Temporarily bolt head assembly to the previously installed cross angles. The rear angle and frame brackets may need to be moved slightly to match up with head and front angle. Tighten U-bolts after adjustments are made.

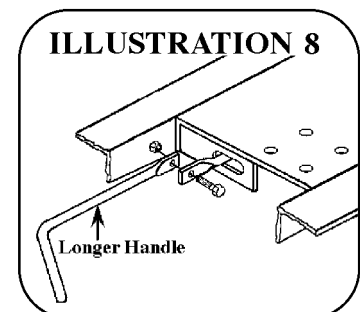
3. Drill a 1/4" diameter pilot hole in the truck bed at the previously marked point. Check location of drilled pilot hole in bed. It should be located in the center of the ball socket in the ball platform. Adjust the 1/4" hole location if needed.
4. Remove head assembly from cross angle attachment points. Use a 3-3/4" diameter hole saw to cut a hole in the truck bed at drilled center point. (A 3-5/8" Dia. hole saw could be used depending on experience of installer and accuracy in measuring.)



5. Bolt the head assembly to the installed cross angles at four locations per side, using fasteners supplied with ball head assembly kit. Be sure ball socket is towards the front of the head assembly. See Illustration 7. The ball socket should be extending slightly up through the previously cut hole in the truck bed. See Illustration 7a.
6. Tighten the 1/2" attachment bolts to 75 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.
7. Follow the gooseneck hitch Installation Instructions for information on the assembly and operation of the ball latching mechanism.



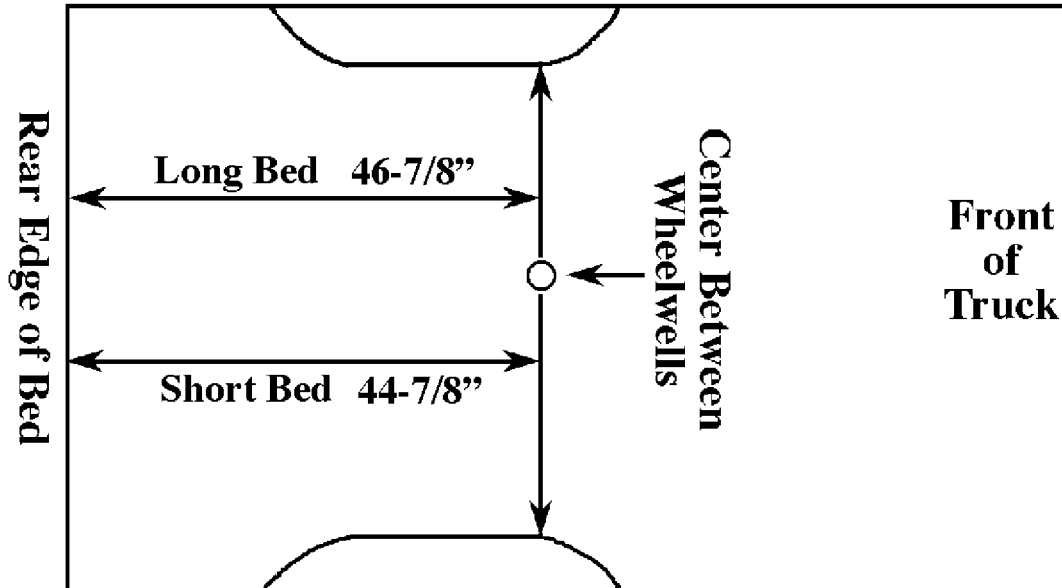
8. Use the *longer* supplied handle #13 when installing the 69662 Stow-A-Ball gooseneck head in the 2500HD and 3500HD Dodge truck. This longer handle is needed to clear the pinch weld in the truck wheel well location. See Illustration 8.



Stow-A-Ball Hole Location

ILLUSTRATION 10

Will position ball approximately 4-7/8" ahead of axle.



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

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