Installation Instructions

GOOSENECK MOUNTING KIT

Part Numbers: 4445

Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

Equipment Required:

Fastener Kit: 4445F Wrenches: 3/4, 15/16 Drill Bits: 1/4"

Other Tools: Drill, Reciprocating saw

WARNING: Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity.

9465/9475 HIDE-A-GOOSE HITCH INSTALLATION

All Fasteners Typical, Both Sides

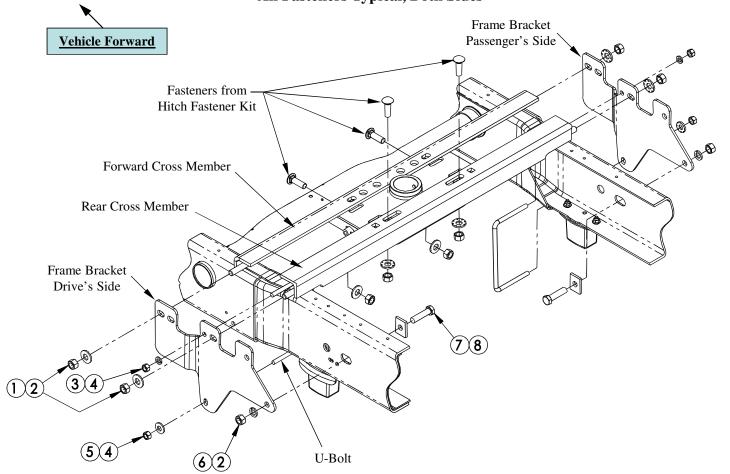


Figure 1

1 Qty. (4)	Conical Toothed Washer, 5/8"			6		Qty. (2))	Lock Washer, 5/8"		
2 Qty. (6)	Hex Nut, 5/8"-11	.1		7) [Qty. (2))	Hex Bolt, 5/8"-11 x 2"		
3 Qty. (2)	Lock Washer, 1/2"			8		Qty. (2))	Spacer, 1/4" x 1-1/2" x 2"		
4 Qty. (4)	Hex Nut, 1/2"-13			9		Qty. (4))	Shims, 5/16" x 2"	x 1" (not shown in Fig	ure 1)
5 Qty. (2)	Conical Toothed Washer, 1/2"									
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Part Numbers:

4445

Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

9465/9475 HIDE-A-GOOSE HITCH INSTALLATION

NOTES:

- > This section of instructions refers to installing the 9465 or 9475 head only.
- > Always make sure the ball is fully locked before towing.
- > Keep the ball and ball sleeve well lubricated.
- > Periodically re-torque all the hitch fasteners.
- > Check ball, hitch coupler, safety chains and other connections for proper operation every time you tow.

Warning:

- * The tow vehicle manufacturers recommended towing capacities should UNDER NO CIRCUMSTANCES be exceeded.
- Check for adequate clearance between the gooseneck trailer and the rear of the cab and the rear of the truck box before installing hitch.
- All trucks have fuel lines, brake lines and electrical wiring located along the vehicle frame where the rail kit installs. Carefully examine the location of fuel lines, brake lines and electrical wires before installation and be certain not to damage these when positioning the hitch components. Be careful when drilling holes, cutting sheet metal and tightening fasteners as to not limit the integrity of these systems.

Hide-A-Goose Only – Drilled hole in bed location (see Step 5). Long Box – 52 inches

Installation Instructions

- 1. NOTE: THIS INSTRUCTION IS FOR INSTALLING A GOOSENECK MOUNTING KIT IN CHEVY/GMC 3500 PICKUPS FROM 2001-2007 "CLASSIC MODEL YEARS WITH 8' BEDS. THIS TRUCK HAS TWO BED SUPPORTS OVER THE AXLE.
- 2. Lower the spare tire to make installation easier.
- 3. From underneath the passenger's side of the vehicle remove or cut out the section of the heat shield that is located under the bed and above the exhaust.
- 4. Cut the heat shield on the gas tank or bend the top edge down about 1" down to make room for the hitch (see Figure 2). On newer models with gasoline engines, temporarily detach the fuel vapor pump from the back of the gas tank.
- 5. When installing the 9465/9475 Hide-A-Goose hitch, a hole must be drilled in the bed of the truck. Mark and drill a 1/4" hole **52 inches** from the rear of the bed and centered between the wheel wells. Using a hole saw, enlarge the pilot hole to the final diameter hole size. Refer to the 9465/9475 Hide-A-Goose hitch instruction sheet for hole size.

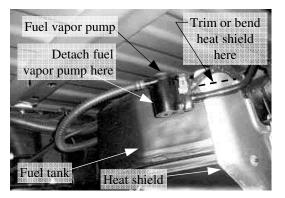


Figure 2
Rear of Gas Tank

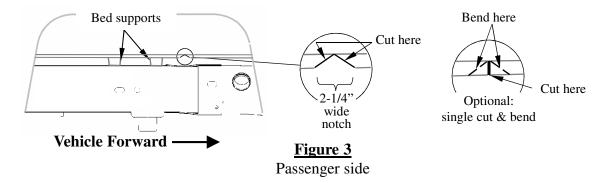
Part Numbers:

4445

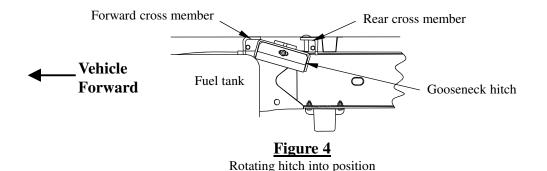
Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

9465/9475 HIDE-A-GOOSE HITCH INSTALLATION

6. From the passenger's side wheel well, cut a 2-1/4" wide notch into the sheet metal flange as shown in Figure 3. Another way to notch the bed flange is to make a single vertical cut, then fold the flange material up enough to allow the for the rails to fit between the frame and the bed. After the rails have been installed, the cut flange may be bent back down to its original position and the cut steel surfaces may be touched up with paint to prevent rusting.



- 7. Slide the forward cross member through the notch underneath the bed, and over the frame, until it completely spans the passenger's and driver's side frame rails, then slide the cross member forward over the gas tank.
- 8. Slide the rear cross member through the notch underneath the bed, and over the frame, until it completely spans the passenger's and driver's side frame rails, then slide the cross member back against the bed support.
- 9. Place two 5/8" Gr8 carriage bolts from the Hide-A-Goose fastener kit into the long slots on the top of the rear cross member, as shown in Figure 1.



- 10. Rotate the front of the hitch over the gas tank (locking pin on the driver's side) and raise the rear of the hitch up, guiding the ends of the 5/8" carriage bolts in the rear rail through the slots in the top of the hitch (see Figure 4). Loosely fasten the back of the hitch to the rear cross member with 5/8" fasteners from the Hide-A-Goose fastener kit
- 11. Slide the forward cross member rearward, against the front of the hitch, then place 5/8" Gr8 carriage bolts from the Hide-A-Goose fastener kit through the front of the cross member and the hitch. Loosely fasten the front of the hitch to the front cross member with 5/8" fasteners from the Hide-A-Goose fastener kit.
- 12. Line up the mounting slots on the frame brackets with the threaded studs on the ends of the rails. See Figure 5 to identify which holes on the frame brackets to use. Loosely attach frame brackets to rails with 5/8" hex nuts and conical toothed washers as shown in Figure 1.

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Part Numbers:

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Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

9465/9475 HIDE-A-GOOSE HITCH INSTALLATION

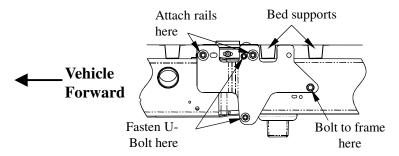


Figure 5

- 13. Use the U-Bolts to attach the frame brackets to the frame as shown in Figure 1. Loosely fasten the U-Bolts to the frame brackets using a 1/2" nut and lock washer on the top leg of the U-Bolt, and a 1/2" nut and conical washer on the bottom leg of the U-Bolt.
- 14. Attach the frame bracket to the frame through the slot in the frame using the 5/8" x 2" bolt, 1/4" spacer, lock washer and nut as shown in Figure 1.
- 15. After carefully aligning the hitch ball sleeve with the opening in the truck bed, tighten the fasteners. Torque all 5/8-11 nuts on the brackets to 150 ft.-lb. (203 N-m) and 1/2-13 GR5 fasteners to 75 ft.-lb. (102 N-m). Torque the 5/8-11 GR8 fasteners attaching the hitch to the cross members to 212 ft.-lb. (287 N-m) Use the following sequence: a) torque frame brackets to the frame of the vehicle, b) torque cross members to the frame brackets c) torque hitch to cross members.
- 16. Reinstall the fuel vapor pump and the spare tire.

Installation Instructions

GOOSENECK MOUNTING KIT

Part Numbers: 4445

Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

Equipment Required:

Fastener Kit: 4445F Wrenches: 3/4, 15/16 Drill Bits: 1/4"

Other Tools: Drill, Reciprocating saw

WARNING: Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity.

6300/630044/8339 GOOSENECK HITCH <u>INSTALLATION</u>

All Fasteners Typical, Both Sides

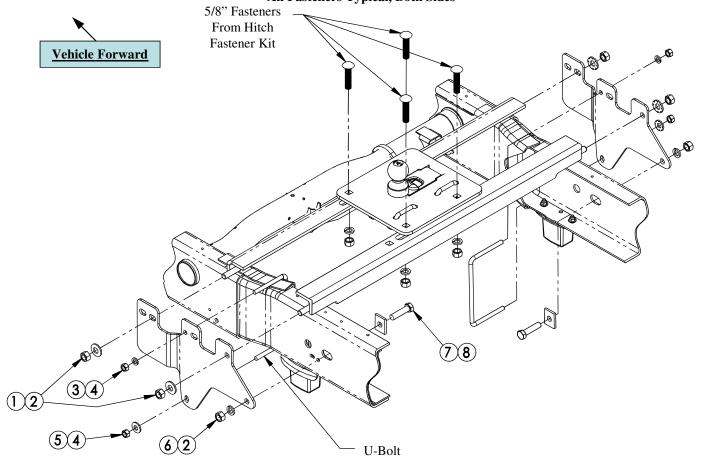


Figure 6

1	Qty. (4)	Conical Toothed Washer, 5/8"		(6	5)	Qty. (2)	Lock Washer, 5/8"		
2	Qty. (6)	6) Hex Nut, 5/8"-11		7	$\sqrt{}$	Qty. (2)	Hex Bolt, 5/8"-11 x 2"		
3	Qty. (2)	Lock Washer, 1/2"		(8	3)	Qty. (2)	Spacer, 1/4" x 1-1/2" x 2"		
4	Qty. (4)	Hex Nut, 1/2"-13		9		Qty. (4)	Shims, 5/16" x 2":	x 1" (not shown in Fig	gure 1)
5	Qty. (2)	Conical Toothed Washer, 1/2"								
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Part Numbers:

4445

Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

6300/630044/8339 GOOSENECK HITCH INSTALLATION

NOTES:

- > This section of instructions refers to installing the 6300, 630044 or 8339 head only.
- > Always make sure the ball is fully locked before towing.
- > Keep the ball and ball pocket well lubricated.
- > Periodically re-torque all the hitch fasteners.
- ➤ Check ball, hitch coupler, safety chains and other connections for proper operation every time you tow.

Warning:

- The tow vehicle manufacturers recommended towing capacities should <u>UNDER NO CIRCUMSTANCES</u> be exceeded.
- Check for adequate clearance between the gooseneck trailer and the rear of the cab and the rear of the truck box before installing hitch.
- All trucks have fuel lines, brake lines and electrical wiring located along the vehicle frame where the rail kit installs. Carefully examine the location of fuel lines, brake lines and electrical wires before installation and be certain not to damage these when positioning the hitch components. Be careful when drilling holes, cutting sheet metal and tightening fasteners as to not limit the integrity of these systems.

Installation Instructions

- 1. NOTE: THIS INSTRUCTION IS FOR INSTALLING A GOOSENECK MOUNTING KIT IN CHEVY/GMC 3500 PICKUPS FROM 2001-2007 "CLASSIC MODEL YEARS WITH 8' BEDS. THIS TRUCK HAS TWO BED SUPPORTS OVER THE AXLE.
- 2. Lower the spare tire to make installation easier.
- 3. From underneath the passenger's side of the vehicle, remove or cut out the section of the heat shield that is located under the bed and above the exhaust.
- 4. From the passenger's side wheel well, cut a 2-1/4" wide notch into the sheet metal flange between the two bed supports over the rear axle, and another notch in front of the forward bed support as shown in Figure 7. Another way to notch the bed flange is to make a single vertical cut, then fold the flange material up enough to allow the for the rails to fit between the frame and the bed. After the rails have been installed, the cut flange may be bent back down to its original position and the cut steel surfaces may be touched up with paint to prevent rusting.
- 5. Slide the forward cross member through the forward notch underneath the bed, and over the frame until it completely spans the passenger's and driver's side frame rails.
- 6. Slide the rear cross member through the notch between the two bed supports, underneath the bed, and over the frame, until it completely spans the passenger's and driver's side frame rails.

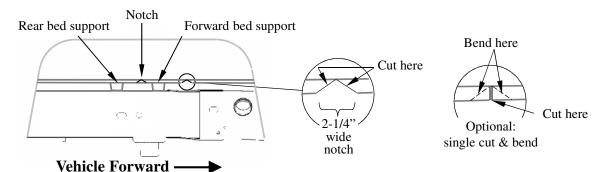


Figure 7
Passenger side

Part Numbers:

4445

Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

6300/630044/8339 GOOSENECK HITCH INSTALLATION

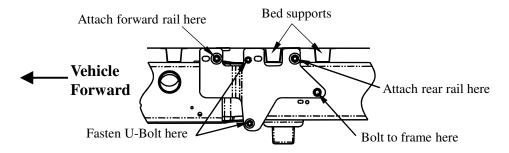
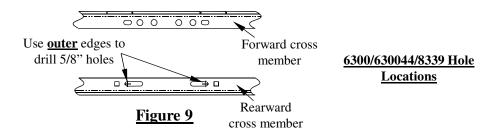
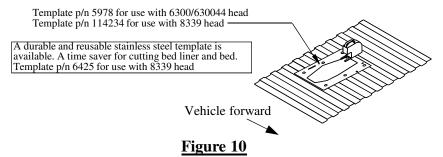


Figure 8

- 7. Line up the mounting holes on the frame brackets with the threaded studs on the ends of the rails. See Figure 8 to identify which holes on the frame brackets to use. Loosely attach frame brackets to rails with 5/8" hex nuts and conical toothed washers as shown in Figure 6.
- 8. Use the U-Bolts to loosely attach the frame brackets to the frame as shown in Figure 6.
- 9. Loosely attach the frame bracket to the frame through the slot in the frame using the 5/8" x 2-1/2" bolt, lock washer and nut as shown in Figure 6.
- 10. With the rear cross member and side brackets properly aligned, torque 5/8-11 GR5 fasteners tightening the bracket to the frame and the rear cross member to 150 ft.-lb (203 Nm) and 1/2-13 GR5 fasteners on the U-Bolts to 75 ft-lb. (102 N-m).
- 11. <u>For 6300/630044 & 8339</u> use the <u>outer</u> edges of the long slots in the rearward cross member as a template to drill 5/8" diameter holes through the truck bed as shown in Figure 9. Due to the fuel tank, not all holes can be drilled from under the vehicle, but should be done later from inside the bed.





12. Align the holes on the template (provided with the gooseneck hitch) with the holes for the rear cross member previously drilled through the bed. Be sure that the template is properly oriented toward the front of the vehicle See Figure 10. Center punch the holes that will be used to cut the opening in the bed. If the vehicle is equipped with a bed liner, a section of the bed liner must be cut away so that the gooseneck platform can contact the bed corrugations.

Part Numbers:

4445

Chevrolet/GMC 3500 Long Bed 2001 - 2007 "Classic"

6300/630044/8339 GOOSENECK HITCH INSTALLATION



<u>WARNING</u> The fuel tank and/or other vehicle components are located below some of the holes. A wood or metal shield must be placed between the frame and the fuel tank to prevent puncturing the fuel tank when the drill breaks through the bed.

- 13. Drill 1/4" pilot holes (size will depend on width of blade in saber saw).
- 14. Cut out the truck bed and the bed hat section and file edges as needed.
- 15. Install the hitch into the opening.

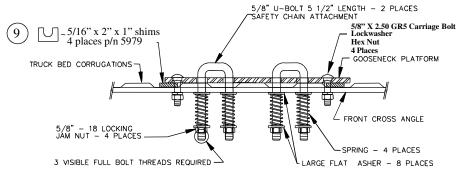


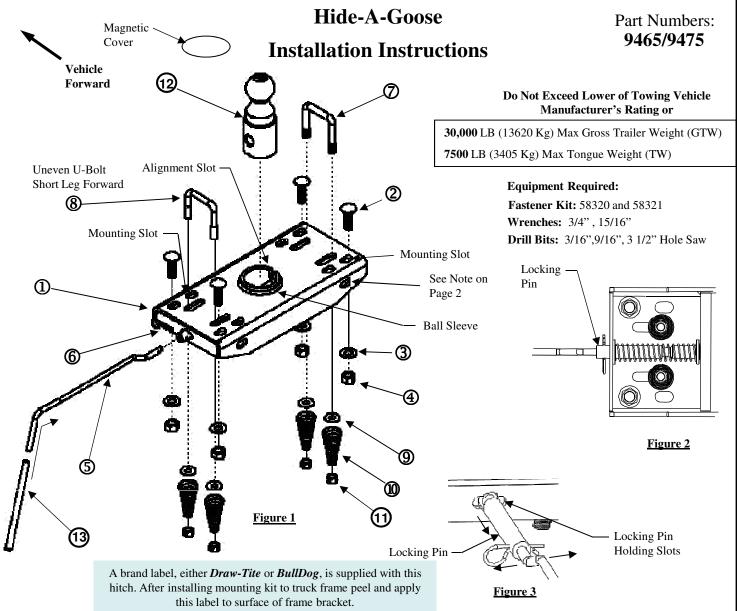
Figure 11

- 16. Use the hitch as a guide to drill 5/8" the forward 5/8" diameter mounting holes. Also, drill 5/8" diameter U-Bolt holes if installing a 6300/630044 or 8339 gooseneck hitch.
- 17. Before installing the 5/8" carriage bolts through the hitch, the U-block shims must be placed between the hitch and the bed and between the cross members and the bottom of the bed. These shims are necessary to prevent the bed corrugations from collapsing when the bolts are tightened.
- 18. Install the 5/8 X 2.50 GR5 carriage bolts from the hitch fastener kit through the hitch, shims and cross members. Secure with lock washers and nuts from the hitch fastener kit and torque nuts to 150 ft.-lb. (203 N-m). Torque 5/8-11 GR5 nuts attaching the forward cross member to the brackets 150 ft.-lb (203 Nm).
- **19.** For 6300/630044 and 8339 Installations: Install the (2) safety chain U-Bolts through the hitch and from under the vehicle install the large flat washer over the U-Bolt followed by a spring, another large flat washer and secure with a thin 5/8" jam nut (see Figure 11). Repeat for the other legs of the U-Bolts. The 5/8" jam nuts are tightened until (3) threads are visible past the bottom of the jam nut.
- 20. Reinstall the spare tire.

LIMITED LIFETIME WARRANTY

Part No:	Date of Original Purchase:
Original Owner:	Original Installer:

- 1. Limited Lifetime Warranty ("Warranty"). Cequent Performance Products, Inc. ("We" or "Us") warrants to the original consumer purchaser only ("You") that the product will be free from material defects in both material and workmanship, ordinary wear and tear excepted; provided that installation and use of the product is in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. This warranty is not transferable.
- 2. Limitations on the Warranty. This Warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.
- 3. Obligations of Purchaser. To make a Warranty claim, contact Us, at our principal address of 47912 Halyard Dr. Suite 100, Plymouth, MI 48170, 1-888-521-0510, identify the product by model number, and follow the claim instructions that will be provided. Any returned product that is replaced by Us becomes our property. You will be responsible for return shipping costs. Please retain your purchase receipt to verify date of purchase and that You are the original consumer purchaser. The product and the purchase receipt must be provided to Us in order to process Your Warranty claim.
- 4. Remedy Limits. Product replacement is Your sole remedy under this Warranty. We shall not be liable for service or labor charges incurred in removing or replacing a product or any incidental or consequential damages of any kind.
- 5. Assumption of Risk. You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.
- 6. Governing Law. This Warranty gives You specific legal rights, and You also may have other rights which vary from state to state. This Warranty is governed by the laws of the State of Michigan, without regard to rules pertaining to conflicts of law. The state courts located in Oakland County, Michigan shall have exclusive jurisdiction for any disputes relating to this Warranty.



IMPORTANT!

This product is intended to be used with Cequent Performance Products manufactured mounting kits. If the Gooseneck hitch installation is made with Cequent manufactured mounting kits, the installation instructions for the Gooseneck hitch are included as part of the mounting kit installation instructions. Give this installation instruction to vehicle owner after installation is complete.

General instructions for fabricated support structures.

IF CEQUENT PERFORMANCE PRODUCTS MANUFACTURED MOUNTING KITS ARE NOT USED, THIS PRODUCT BECOMES A GENERAL APPLICATION PRODUCT. IT IS THE RESPONSIBILITY OF THE INSTALLER TO SELECT STRUCTURALLY SAFE MATERIALS AND LOCATIONS FOR ATTACHMENT. INSTALLATION INFORMATION FOLLOWS.

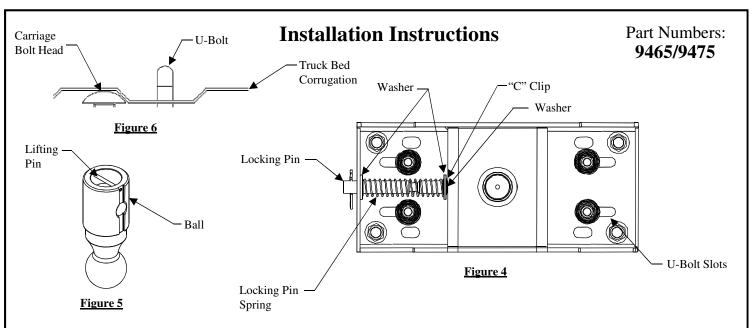
1	Qty. (1)	Head	8	Qty. (1)	1/2" Uneven U-Bolt, 2-1/2" and 3" Legs
2	Qty. (4)	5/8" -11 X 2.00 Grade 8 Carriage Bolt	9	Qty. (4)	1/2" Flat Washer
3	Qty. (4)	Conical Toothed Washer	00	Qty. (4)	U-Bolt Spring
4	Qty. (4)	5/8"-11 Hex Nut	11	Qty. (4)	1/2"-13 Lock Nut
(5)	Qty. (1)	Handle	12	Qty. (1)	2-5/16" Ball
6	Qty. (1)	Spring Clip	13	Qty. (1)	Vinyl Handle
Ø	Qty. (1)	1/2" U-Bolt, 3" Legs			

Tighten all 5/8 grade 8 fasteners with torque wrench to 210 Lb.-Ft. (285 N*M)

Tighten all 5/8 grade 5 fasteners with torque wrench to 150 Lb.-Ft. (203 N*M)

Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions when working beneath a vehicle and wear eye protection. Do not cut access or attachment holes with a torch.

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- 1. The following guidelines must be followed before installation begins:
 - The hitch ball must be located along the truck's fore/aft centerline.
 - The hitch ball centerline must be located above and forward of the rear axle of the truck.
 - Adequate clearance must be provided between the gooseneck trailer and the rear of the vehicle so that the gooseneck trailer does not contact any part of the truck during turning.
 - Adequate clearance must be provided between the forward corners of the gooseneck trailer and the cab of the truck.
 - Determine that the ball position and under vehicle supports do not interfere with any vehicle cross members, brake lines, electrical wiring, cables, fuel lines or vents.
- 2. Install under bed supports with (4) vertical 5/8" bolts in rails.
- 3. With hitch ball center marked on the truck, center punch and drill 3/16" pilot hole, recheck all clearances, then open the 3/16" hole with a 3 1/2" hole saw. File edges as needed.
- 4. Lift head into position.
- 5. Use the 5/8" conical toothed washers and hex nuts to install the head. Do not tighten completely at this time.
- 6. Align ball sleeve on head, with the 3-1/2" hole in bed and tighten 5/8" fasteners.
- 7. Using the U-Bolt slots as a guide, drill four 9/16" holes in the bed. These holes must be in a lower bed corrugations to limit the amount of U-bolt showing above the bed (see figure 6).
- 8. Touch up the drilled holes with paint.
- 9. Install the U-Bolts from the inside of the bed (see figure 2).

NOTE: On Chevy/GMC 2500/3500 trucks, install the U-Bolt with the uneven legs on the driver's side with the short leg forward to allow extra room for fuel tank and components.

- 10. From under the truck, install the 1/2" flat washers, U-Bolt springs, and 1/2" lock nuts (see figure 1 and 2). Tighten nuts so a minimum of 3 threads are showing passed the nuts.
- 11. With the ball in the stored position (see figure 5). Check for clearance between ball and truck equipment (I.E. differential, brake lines, electrical lines, and others) by measuring from axle up to rubber bumper stop and from ball to nearest item. If insufficient space is present, inform customer not to store ball in the head when carrying heavy loads. The axle to the rubber bumper stop distance should be less then the ball to nearest item.

NOTE: If not installing head on Towing Products manufactured mounting kit, secure the hitch to your mounting system using the four holes in the front and back of the hitch and four 5/8" (grade 5) bolts (not provided). See figure 1. This is in addition to the four vertical bolts provided in the kit and will allow you to obtain the maximum head rating of 30,000 Lb GTW / 7500 TW Lb.

AFTER SYSTEM INSTALLATION AND BEFORE TOWING:

Connect trailer to the tow vehicle following coupler manufacturer's operating instructions.

The coupler must be adjusted to provide about 6" of clearance between the bottom of the trailer nose and the top of the pickup bed sides. Slowly back the trailer to a jackknifed position to the tow vehicle while checking to see there is adequate clearance between the gooseneck trailer and the rear of the vehicle. Also check to see there is adequate clearance between the forward corners of the gooseneck trailer and the cab of the truck. Slowly jackknife the truck and trailer in the opposite direction and check the clearances to the end of the truck and the cab.

GOOSENECK MAINTENANCE

-Use magnetic cover to keep assembly free of dirt and debris. Lubricate hitch ball monthly or as needed with heavy grease. Lubricate ball tube with heavy grease when ball is installed and/or removed. Lubricate locking pin monthly or as needed with spray-on penetrating oil. Check bolt torque monthly. Check equipment before towing for worn or damaged parts. **REPLACE WORN OR DAMAGED PARTS IMMEDIATELY.**