



Installation Instructions

Part Numbers:

GOOSENECK MOUNTING KIT

4439

Dodge Ram 1500 1994-2001, 2500/3500 1994-2002

Short & Long Bed

Equipment Required:

- Fastener Kit: 4439F
- Wrenches: 3/4, 15/16
- Drill Bits: 1/4"
- Other Tools: Drill

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

9460/9470 HIDE-A-GOOSE HITCH INSTALLATION

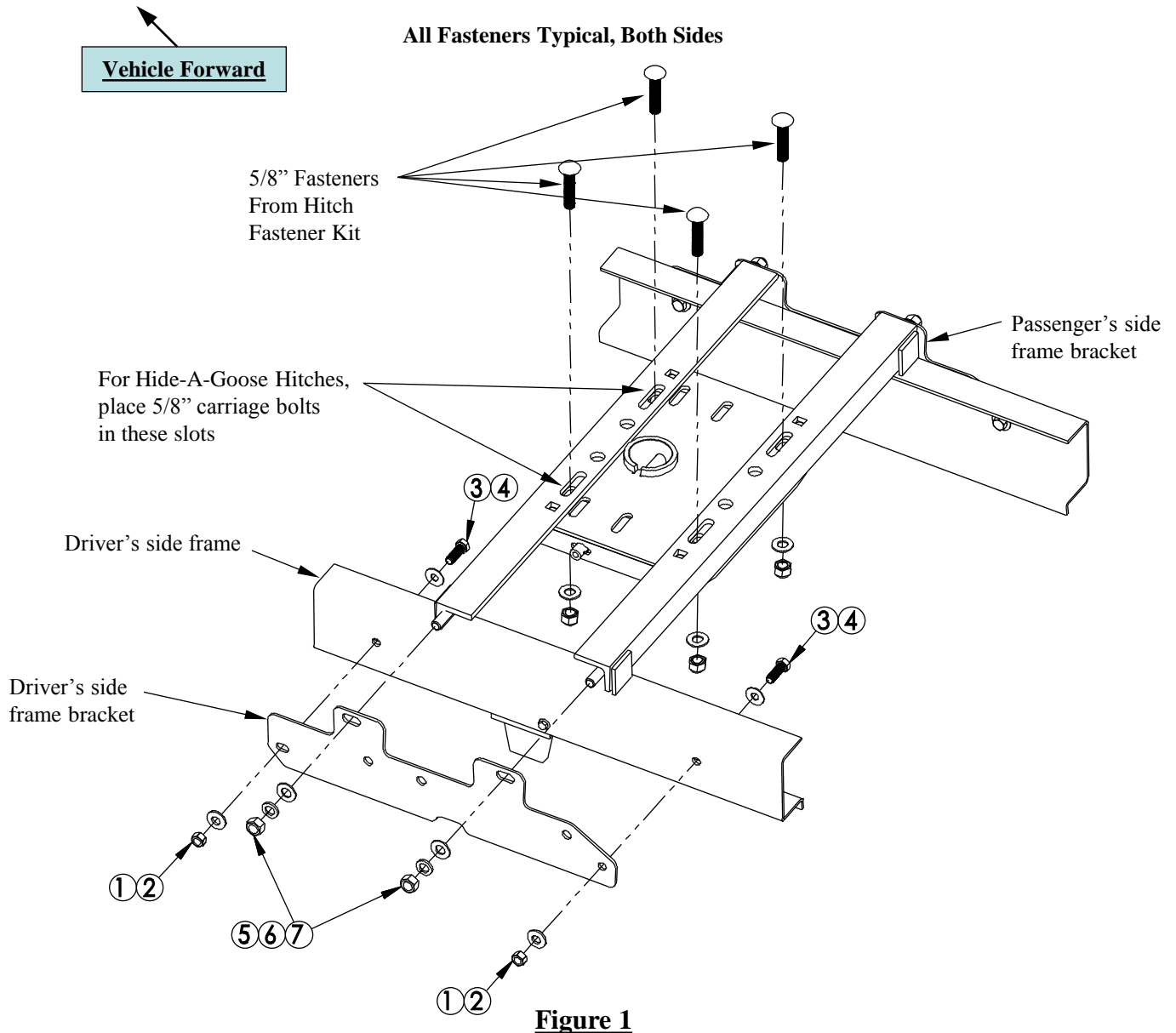


Figure 1

1	Qty. (4)	Hex Nut, 1/2"-13	5	Qty. (4)	Hex Nut, 5/8"-11
2	Qty. (4)	Conical Toothed Washer, 1/2"	6	Qty. (4)	Lock Washer, 5/8"
3	Qty. (4)	Flat Washer, 1/2"	7	Qty. (4)	Flat Washer, 5/8"
4	Qty. (4)	Hex Bolt, 1/2"-13 x 1-1/2"	8	Qty. (4)	Shims, 5/16" x 2" x 1" (not used on Hide-A-Goose)

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9460/9470 HIDE-A-GOOSE HITCH INSTALLATION

NOTES:

- This rail kit can be used with a 9460 or 9470 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.

Installation Instructions

9460/9470 Hide-A-Goose Installation

Hide-A-Goose Only – Drilled hole in bed location (see step 8).

Short Box – 41-5/8 inches / Long Box – 45-1/2 inches

1. Lower the spare tire to make installation of the cross members easier.
2. Place 5/8" GR8 carriage bolts from the Hide-A-Goose hitch fastener kit into the slots on the cross members from the top pointing towards the ground (see Figure 1).
3. **Note:** To install the cross members it may be necessary to lower the exhaust. From underneath the vehicle, install the **rear** hitch cross member by placing the right end over the exhaust and the vehicle frame, and maneuvering the left end over the frame. Once both ends of the cross member are over the frame, slide it back against the rear bed support (see Figure 2). The forward and rearward cross members are the same.
4. Install the **front** hitch cross member by placing the right end over the exhaust and the vehicle frame, and maneuvering the left end over the frame. Once both ends of the cross member are over the frame, slide it forward against the front bed support.

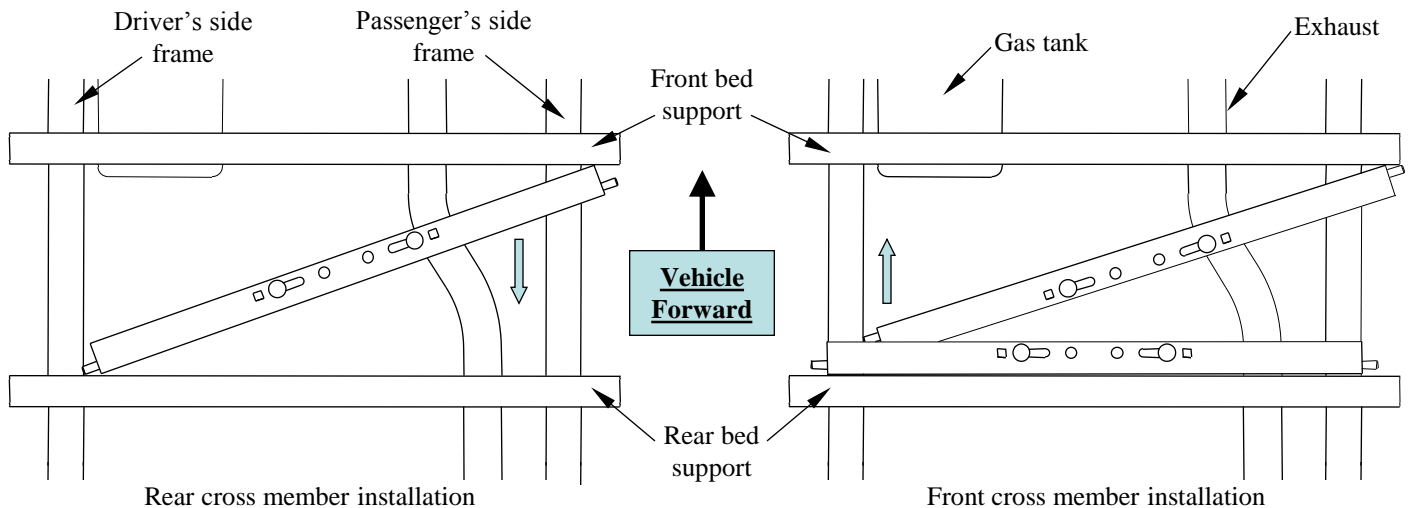


Figure 2

Installation Instructions

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9460/9470 HIDE-A-GOOSE HITCH INSTALLATION

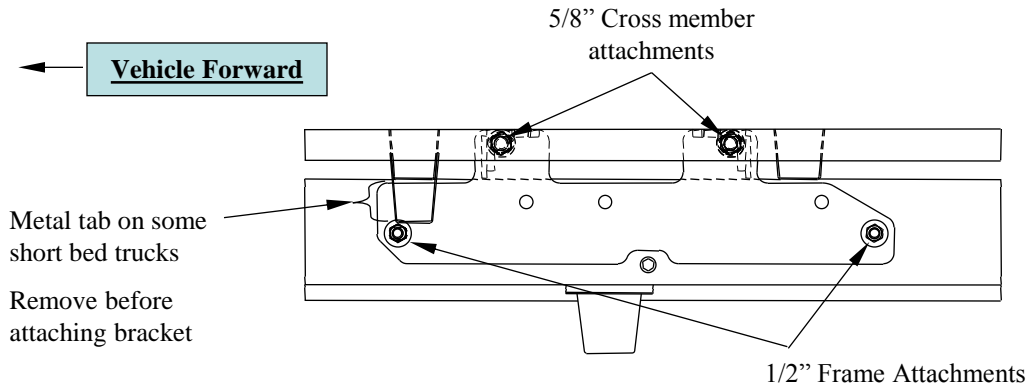


Figure 3

View of driver's side bracket
over axle

5. On some 6' beds, there is a metal tab attached to the bottom of the forward bed sill outside the frame (see Figure 3). These tabs are a feature that the manufacturer used to locate the bed on the frame at the factory and have no useful purpose afterward. Remove these tabs so that the frame brackets can be installed.
6. Line up the mounting holes on the frame brackets with the studs on the ends of the cross members. Loosely attach frame brackets to rails with 5/8" hex nuts, lock washers and flat washers as shown in Figure 1.
7. Line up the mounting holes on the frame brackets with the holes in the side of the frame. Loosely attach frame brackets to the truck frame using the 1/2" hex bolts, flat washers, conical toothed washers, and hex nuts as shown in Figure 1.
8. When installing the 9460/9470 Hide-A-Goose hitch, a hole must be drilled in the bed of the truck. Mark and drill a 1/4" hole **41-5/8" (6' bed) / 45-1/2" (8' bed)** 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 9460/9470 Hide-A-Goose hitch instruction sheet for hole size.
9. Loosely install the 9460/9470 Hide-A-Goose hitch. Refer to the 9460/9470 instruction sheet for installation. **Note: The ball of the hitch should be closer to the forward rail than the rear rail, as shown in Figure 1.**
10. After loosely installing the 9460/9470 Hide-A-Goose hitch and mounting kit, carefully align the hitch ball sleeve with the opening cut in the truck bed. Torque the 1/2" hex nuts on the frame brackets to 75 ft.-lb. (102 N-m). Torque the 5/8" hex nuts on the cross member studs to 150 ft.-lb. (203 N-m). Torque the 5/8" lock nuts that attach the Hide-A-Goose hitch to the cross members to 210 ft.-lb. (285 N-m). Use the following sequence: a) torque frame brackets to frame, b) torque cross members to the frame brackets, c) torque Hide-A-Goose hitch to cross members.
11. Reinstall the exhaust, if necessary. Raise the spare tire to its stored position.

Installation Instructions

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Short & Long Bed

Equipment Required:

- Fastener Kit:** 4439F
- Wrenches:** 3/4, 15/16
- Drill Bits:** 1/4", 5/8"
- Other Tools:** Drill

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

6300/8339/83391/83399 GOOSENECK HITCH

INSTALLATION

All Fasteners Typical, Both Sides

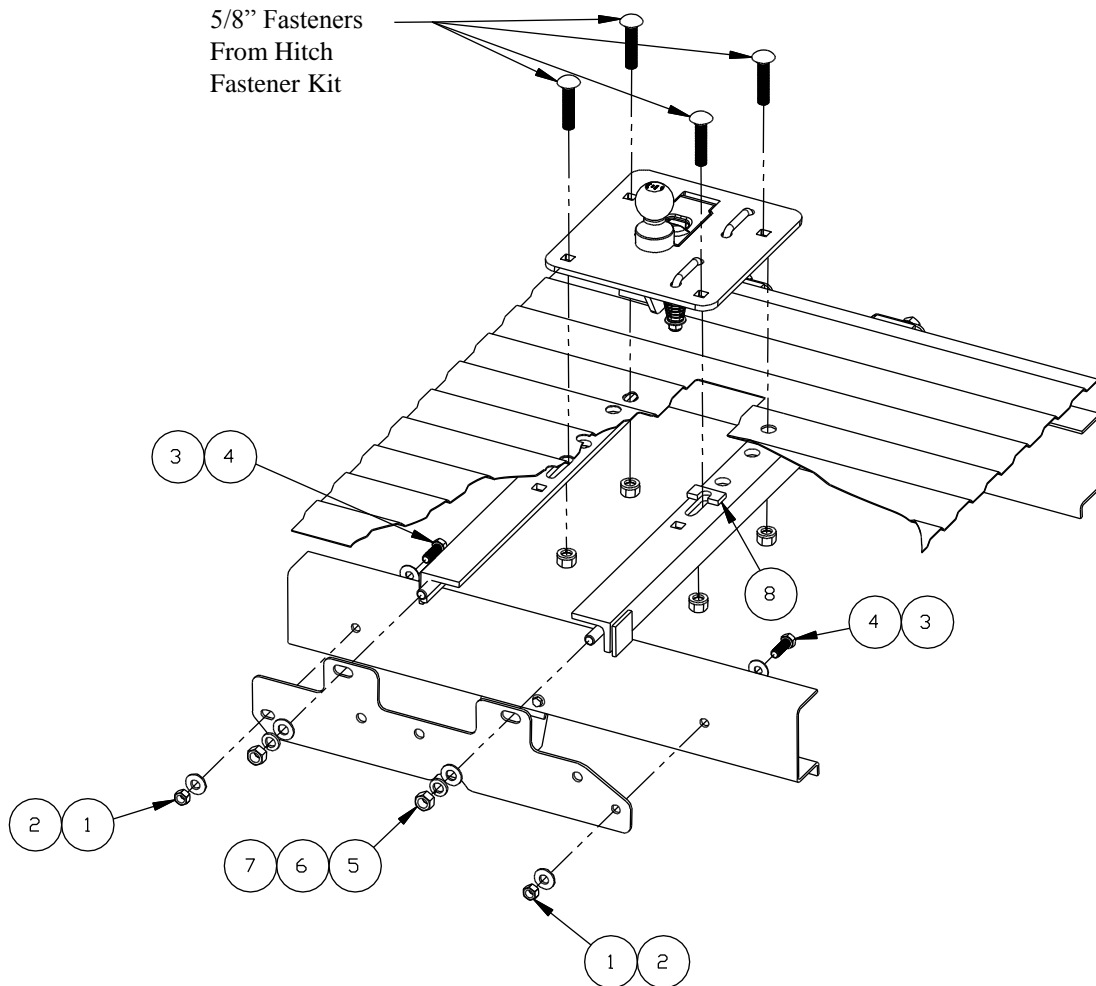
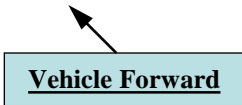


Figure 4

1	Qty. (4)	Hex Nut, 1/2"-13	5	Qty. (4)	Hex Nut, 5/8"-11
2	Qty. (4)	Conical Toothed Washer, 1/2"	6	Qty. (4)	Lock Washer, 5/8"
3	Qty. (4)	Flat Washer, 1/2"	7	Qty. (4)	Flat Washer, 5/8"
4	Qty. (4)	Hex Bolt, 1/2"-13 x 1-1/2"	8	Qty. (4)	Shims, 5/16" x 2" x 1"

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6300/8339/83391/83399 GOOSENECK HITCH INSTALLATION

NOTES:

- This rail kit can be used with a 6300, 8339, 83391, or 83399 head.
- 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 **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.

Installation Instructions

6300 Remove-A-Ball and 8339/83391/83399 Fold Down Gooseneck Installation

1. Lower the spare tire to make installation of the cross members easier.
2. **Note:** To install the cross members it may be necessary to lower the exhaust. From underneath the vehicle, install the **rear** hitch cross member by placing the right end over the exhaust and the vehicle frame, and maneuvering the left end over the frame. Once both ends of the cross member are over the frame, slide it back against the rear bed support (see Figure 5). The forward and rearward cross members are the same.
3. Install the **front** hitch cross member by placing the right end over the exhaust and the vehicle frame, and maneuvering the left end over the frame. Once both ends of the cross member are over the frame, slide it forward against the front bed support.

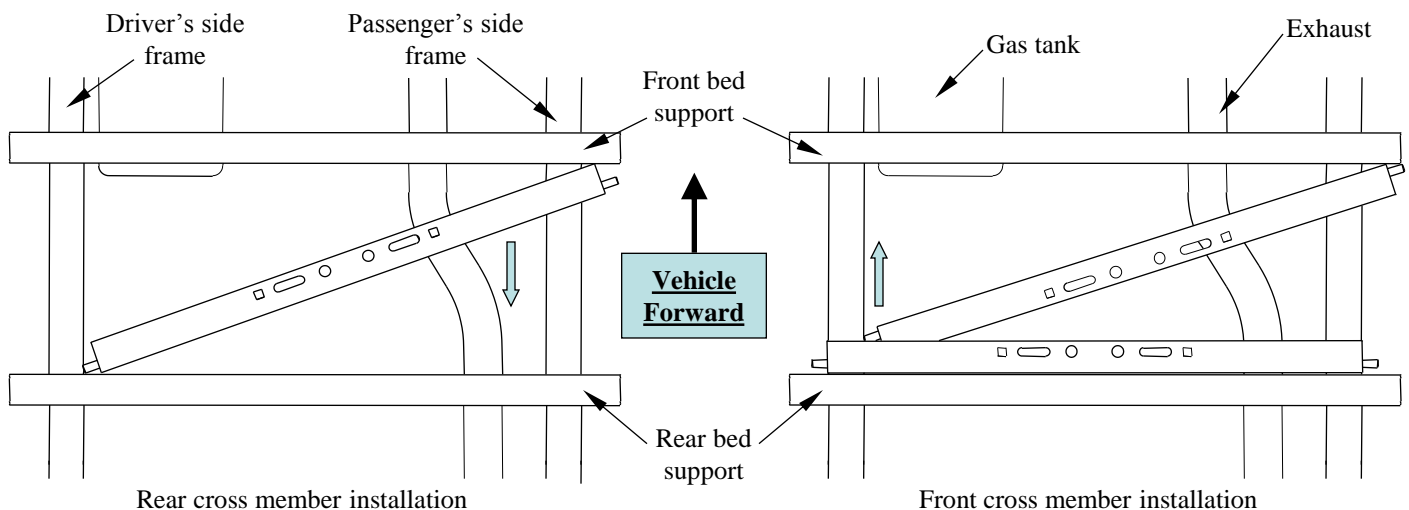


Figure 5

Installation Instructions

Part Numbers:

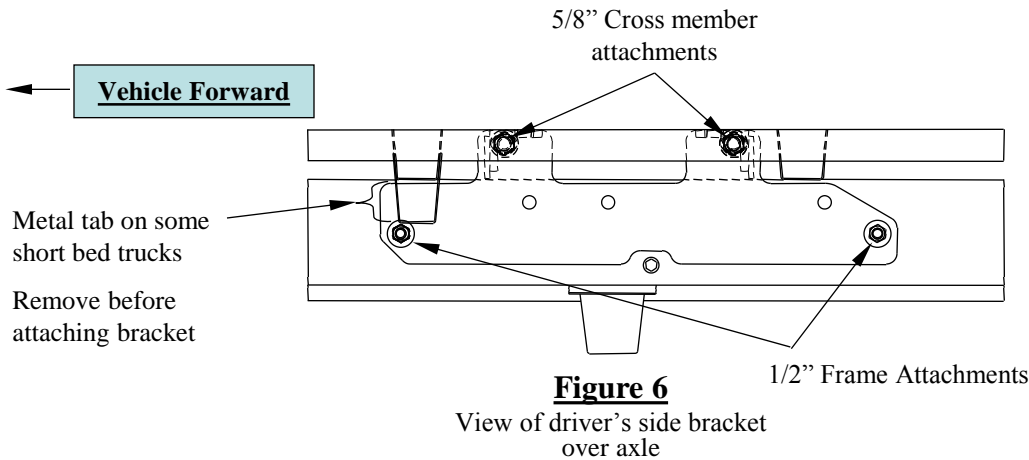
GOOSENECK MOUNTING KIT

4439

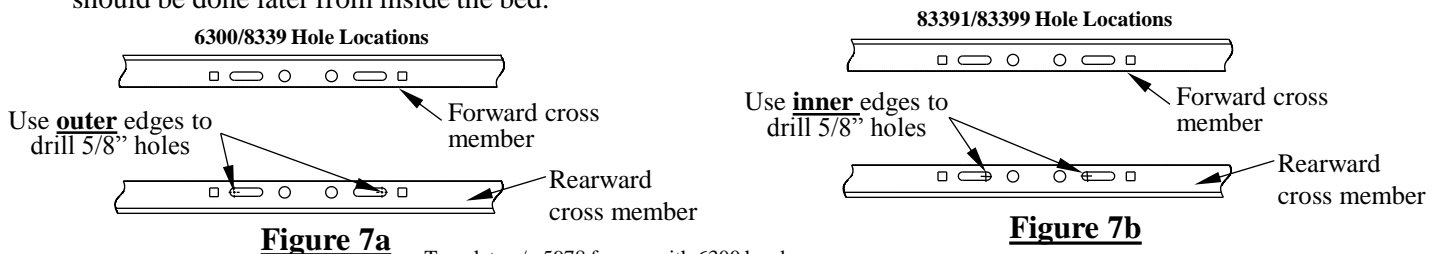
Dodge Ram 1500 1994-2001, 2500/3500 1994-2002

Short & Long Bed

6300/833983391/83399 GOOSENECK HITCH INSTALLATION

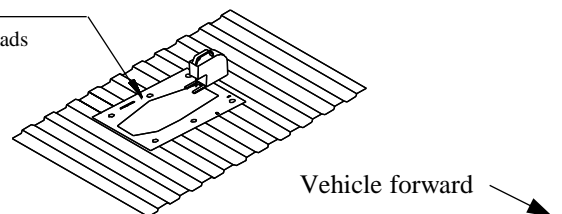


4. On some 6' beds, there is a metal tab attached to the bottom of the forward bed sill outside the frame (see Figure 6). These tabs are a feature that the manufacturer used to locate the bed on the frame at the factory and have no useful purpose afterward. Remove these tabs so that the frame brackets can be installed.
5. Line up the mounting holes on the frame brackets with the studs on the ends of the cross members. Loosely attach frame brackets to rails with 5/8" hex nuts, lock washers and flat washers as shown in Figure 4.
6. Line up the mounting holes on the frame brackets with the holes in the side of the frame. Attach frame brackets snugly to the truck frame with 1/2" hex bolts, flat washers, conical toothed washers, and hex nuts as shown in Figure 4.
7. With the **rearward** cross member positioned parallel to the rear bed support, torque 1/2" hex nuts on the frame to 75 ft-lb (102 N-m) and the 5/8" hex nuts on the studs **on the rearward cross member** to 150 ft.-lb (203 Nm). Make sure that the top of the rear cross member is flush with the bottom of the truck bed after tightening it to the frame brackets. The forward cross member should be left loose until Step 16.
- 8a. **For 6300 & 8339** use the **outer** 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 7a. Not all holes can be drilled from under the vehicle, but should be done later from inside the bed.
- 8b. **For 83391 & 83399** use the **inner** 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 7b. Not all holes can be drilled from under the vehicle, but should be done later from inside the bed.



Template p/n 5978 for use with 6300 head
Template p/n 114234 for use with 8339 head
Template p/n 114523 for use with 83391/83399 heads

Durable and reusable stainless steel templates are also available. A time saver for cutting bed liner and bed.
Template p/n 6467 for use with 6300 head
Template p/n 6425 for use with 8339 head
Template p/n 58384 for use with 83391/83399 heads



9. Align the holes on the template (provided with the gooseneck hitch) with the holes previously drilled through the bed (see Figure 8). Be sure that the template is properly oriented toward the front of the vehicle. 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 hitch can contact the bed corrugations.

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Short & Long Bed

6300/8339/83391/83399 GOOSENECK HITCH INSTALLATION

10. Drill 1/4" pilot holes (size will depend on width of blade in saber saw).
11. Cut out the truck bed and file edges as needed.



WARNING: The fuel tank and/or other vehicle components may be located below some of the holes. A wood or metal shield must be placed between the frame and the fuel tank or other critical vehicle components to prevent damage when the drill breaks through the bed.

12. Install the hitch into the opening.
13. Use the hitch as a guide to drill the forward 5/8" diameter mounting holes. Also, drill 5/8" diameter U-Bolt holes if installing a 6300 or 8339 gooseneck hitch.
14. Before installing the 5/8" carriage bolts through the hitch, the U-block shims (Part Number 5979) must be placed 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.
15. Install the 5/8" X 2.50" carriage bolts through the hitch, shims and cross members. Secure with lock washers and nuts. Torque nuts to 150 ft.-lb. (203 N-m).
16. Tighten the 5/8" hex nuts that attach the forward cross member to the frame brackets. Torque nuts to 150 ft.-lb. (203 N-m).
17. **For 6300 and 8339 Installations:** Install the (2) U-bolts through the platform 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. 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.
18. Reinstall the exhaust, if necessary. Raise the spare tire to its stored position.

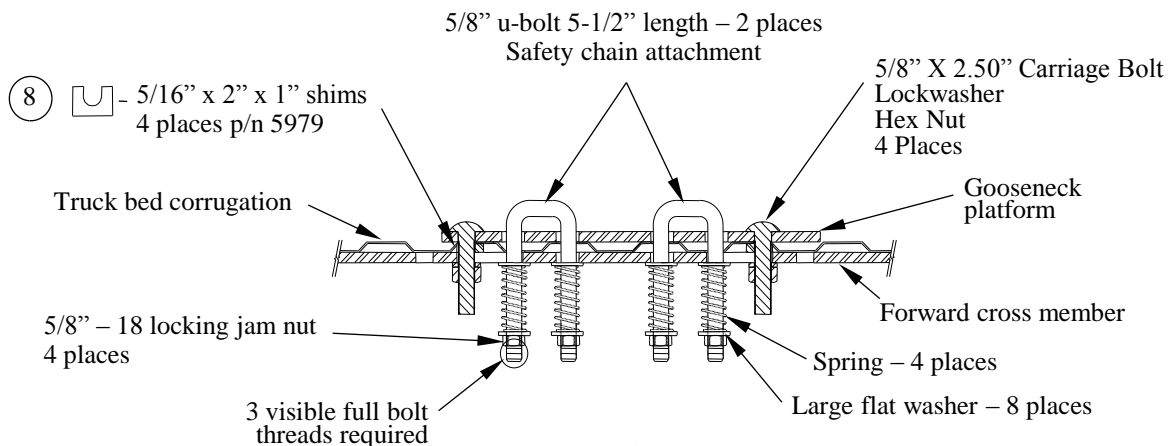


Figure 9