

Installation Instructions

GOOSENECK MOUNTING KIT

Chevrolet/GMC 2500/3500 Heavy Duty
Short & Long Bed

Part Numbers:

4434

Equipment Required:

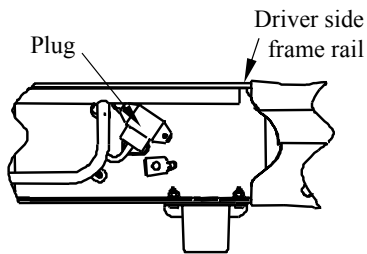
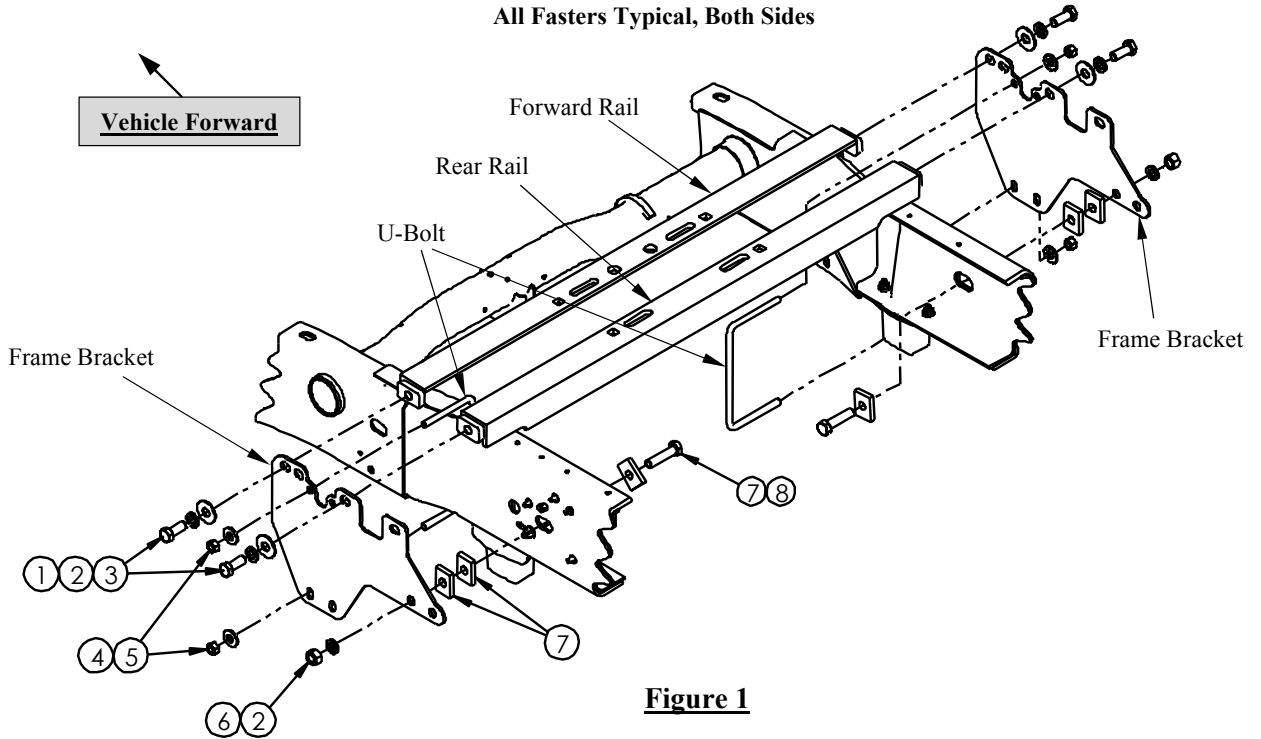
Fastener Kit: 4434F

Wrenches: 3/4, 15/16, 10mm

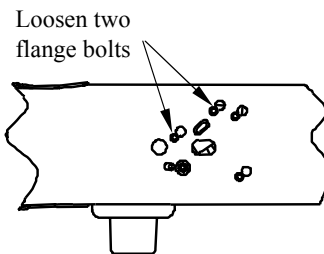
Drill Bits: 1/4"

Other Tools: 4" Hole-Saw, Drill

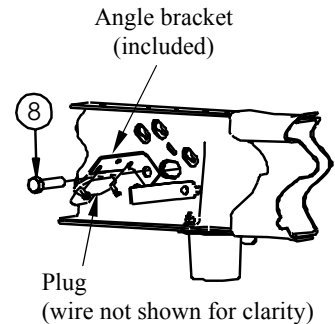
WARNING: Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity.



Inside driver side frame rail



Outside driver side frame rail



1	Qty. (4)	Hex Bolt, 5/8"-11 x 1-1/2" GR5	5	Qty. (4)	Conical Washer, 1/2"
2	Qty. (6)	Lock Washer, 5/8"	6	Qty. (2)	Hex Nut, 5/8"-11
3	Qty. (4)	Flat Washer, 5/8"	7	Qty. (6)	Spacer, 3/8" x 1-1/2" x 2"
4	Qty. (4)	Hex Nut, 1/2"-13	8	Qty. (2)	Hex Bolt, 5/8"-11 x 2-1/2" GR5
9	Qty. (4)	Shims, 1/4" x 2" x 1"			

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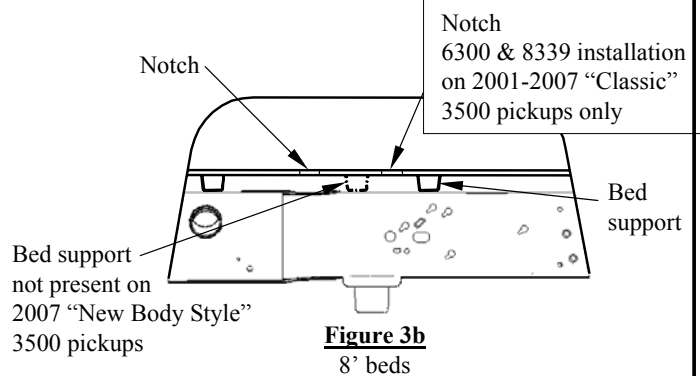
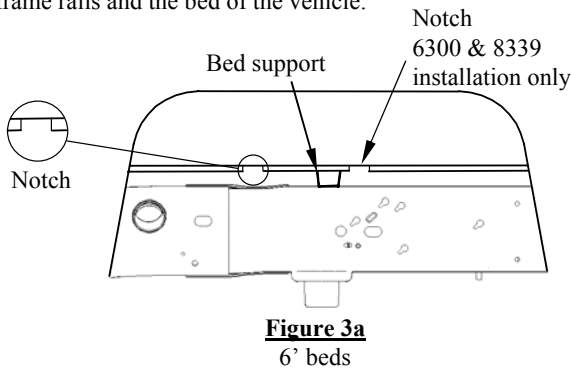
NOTES:

- This rail kit can be used with a 6300, 8339, 9461 or 9463 head only.
- Always make sure the ball is fully locked before towing.
- Keep the flat sections of 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.

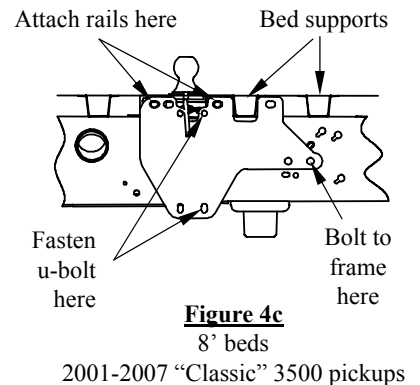
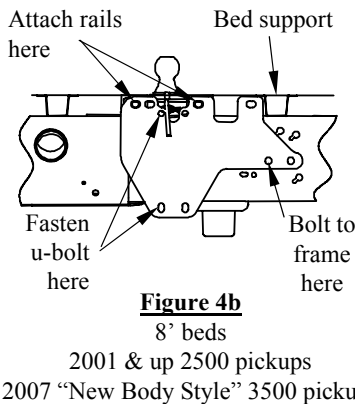
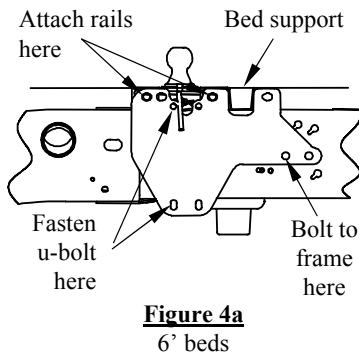
Installation Instructions

1. **2007 New Body Style with OE Trailer Brake Control:** Relocate the electrical plug that is located on the inside of the drivers side frame over the rear wheel (Figure 2a). The plug may be removed from the frame by loosening the two bolts on the outside of the frame and pushing the bolt heads through the key hole slots, as shown in Figure 2b. Attach the plug to the angle bracket supplied with the mounting kit. The bracket will be attached to the inside of the frame with a 5/8" bolt at a later step.
2. From underneath the passenger's side of the vehicle remove or cut out the section of the heat shield that is located between the frame rails and the bed of the vehicle.



9461/9463 Hide-A-Goose Installation

3. From the driver's side wheel well, notch the sheet metal flange as shown in Figure 3a for 6' beds and Figure 3b for 8' beds. After notching, the cut steel surfaces should be touched up with paint to prevent rusting. As an alternative, the truck bed may be removed, or the mounting bolts removed from the driver's side of the bed and loosened on the passenger's side of the bed in order to allow installation of the rails.
4. Place 5/8" GR8 carriage bolts from the 9461/9463 fastener kit into the long slots on the forward and rearward cross members from the top pointing towards the ground.
5. Slide the hitch cross members through the notch(es) in the sheet metal flange. Figure 1 shows the forward and rear rail and the direction to orient each rail.



Installation Instructions

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- Line up the mounting slots on the frame brackets with the threaded holes on the ends of the rails. See Figure 4 to identify which holes on the frame brackets to use. Loosely attach frame brackets to rails with 5/8" x 1-1/2" bolts, lock washers and flat washers as shown in Figure 1.
- Use the u-bolts to attach the frame brackets to the frame as shown in Figure 1. Figure 4 shows which set of holes to use on the bracket, depending on the pickup. Loosely fasten the u-bolts to the frame brackets using the 1/2" nuts and conical washers.
- Attach the frame bracket to the frame through the slot in the frame using the 5/8" x 2-1/2" bolt, three (3) 3/8" spacers, lock washer and nut as shown in Figure 1. Make sure that two spacers are used between the bracket and the frame. Figure 4 shows which hole to use on the bracket, depending on the pickup.
Note: On 2007 "New Body Style" pickups with OE trailer brake control, refer to Step 1 to relocate the plug with the angle bracket. Use the 5/8" x 2-1/2" bolt to attach the angle bracket to the inside of the frame. **A 3/8" spacer should not be used on the inside of the frame when using the angle bracket.**
- When installing the 9461/9463 Hide-A-Goose hitch, a 4" hole must be drilled in the bed of the truck. Mark and drill a 1/4" hole **44-1/2 inches (6' bed) / 49-3/8 inches (8' bed all 2500 pickups and 2007 "New Body Style" 3500 pickups) / 51-1/2 inches (8' bed, 2001-2007 "Classic" 3500 pickups only)** from the rear of the bed and centered between the wheel wells. Refer to the 9461/9463 Hide-A-Goose hitch instruction sheet. Drill the 4 inch hole in the bed of the truck with a 4" hole saw using the 1/4" hole as a pilot.
- Place trim ring from the 9461/9463 Hide-A-Goose kit into the 4" opening.
- Loosely install the 9461 or 9463 Hide-A-Goose hitch. Refer to the 9461/9463 instruction sheet.
- After fully installing the 9461/9463 Hide-A-Goose hitch and 4434 mounting kit, carefully align the hitch ball sleeve with the 4" opening and the trim ring in the truck bed. Torque all 5/8-11 GR5 fasteners on the brackets to 150 ft.-lb. (203 N-m) and 1/2-13 GR5 fasteners to 75 ft.-lb. (102 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 Hide-A-Goose hitch to cross members. Also, reinstall and tighten all bed fasteners if they were loosened or removed during rail installation.

6300 Remove-A-Ball and 8339 Fold Down Gooseneck Installation

- From the driver's side wheel well, notch the sheet metal flange as shown in Figure 3a for 6' beds and Figure 3b for 8' beds. After notching, the cut steel surfaces should be touched up with paint to prevent rusting. As an alternative, the truck bed may be removed, or the mounting bolts removed from the driver's side of the bed and loosened on the passenger's side of the bed in order to allow installation of the rails.
- Slide the hitch cross members through the notch(es) in the sheet metal flange. Figure 1 shows the forward and rear rail and the direction to orient each rail.
- Line up the mounting slots on the frame brackets with the threaded holes 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" x 1-1/2" bolts, lock washers and flat washers as shown in Figure 1.

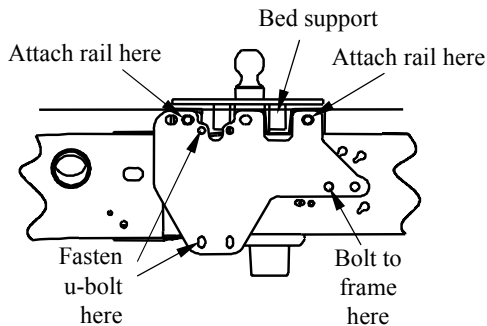


Figure 5a
6' beds

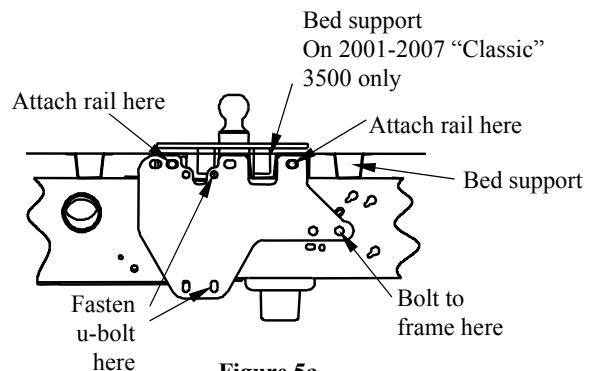


Figure 5a
8' beds

- Line up the mounting slots on the frame brackets with the threaded holes 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" x 1-1/2" bolts, lock washers and flat washers as shown in Figure 1.
- Use the u-bolts to attach the frame brackets to the frame as shown in Figure 1. Figure 4 shows which set of holes to use on the bracket, depending on the pickup. Loosely fasten the u-bolts to the frame brackets using the 1/2" nuts and conical washers.
- Attach the frame bracket to the frame through the slot in the frame using the 5/8" x 2-1/2" bolt, three (3) 3/8" spacers, lock washer and nut as shown in Figure 1. Make sure that two spacers are used between the bracket and the frame. Figure 4 shows which hole to use on the bracket, depending on the pickup.
Note: On 2007 "New Body Style" pickups with OE trailer brake control, refer to Step 1 to relocate the plug with the angle bracket. Use the 5/8" x 2-1/2" bolt to attach the angle bracket to the inside of the frame. **A 3/8" spacer should not be used on the inside of the frame when using the angle bracket.**

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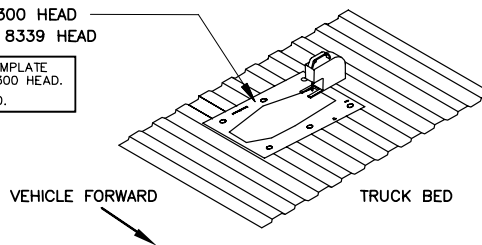
Chevrolet/GMC 2500/3500 Heavy Duty Short & Long Bed

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- With the rearward cross member and side brackets properly aligned, torque all 5/8-11 GR5 fasteners on the bracket to 150 ft.-lb. (203 N-m) and 1/2-13 GR5 fasteners to 75 ft.-lb. (102 N-m). The forward cross member should be left loose until step 12. Also, reinstall and tighten all bed fasteners if they were loosened or removed during rail installation.
- From underneath the vehicle, 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 6. Not all holes can be drilled from under the vehicle, but should be done later from inside the bed.
- Align the holes on the template (provided with the gooseneck hitch) with the holes previously drilled through the bed. 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 platform can contact the bed corrugations.
- Align forward cross member, drill 5/8 diameter holes through the truck bed and torque all 5/8-11 GR5 fasteners to 150 ft.-lb. (203 N-m).
- Drill 1/4" pilot holes (size will depend on width of blade in saber saw).
- Cut out the truck bed and the bed hat section on short bed models from underneath the bed of the vehicle and file edges as needed.

TEMPLATE P/N 5978 FOR USE WITH 6300 HEAD
TEMPLATE P/N 100134 FOR USE WITH 8339 HEAD

A DURABLE AND REUSABLE STAINLESS STEEL TEMPLATE
P/N 6467 IS ALSO AVAILABLE FOR USE WITH 6300 HEAD.
A TIME SAVER FOR CUTTING BED LINER AND BED.



- Install the platform into the opening.
- Use the installed platform as a guide to drill the 5/8" diameter holes that could not be drilled from underneath the vehicle.

WARNING 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.

- Before installing the 5/8" carriage bolts through the platform, the U-block shims (Part Number 5994) must be placed between the platform 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.
- Install the 5/8 X 2.50 GR5 carriage bolts through the platform, shims and cross members. Secure with lock washers and nuts. Torque nuts to 150 ft.-lb. (203 N-m).
- 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.

