

# Installation Instructions

## GOOSENECK MOUNTING KIT

**Ford F-250/F-350 Super Duty**

Will not fit Cab-on-Chassis vehicles

**Part Numbers:**

**4430**

**Equipment Required:**

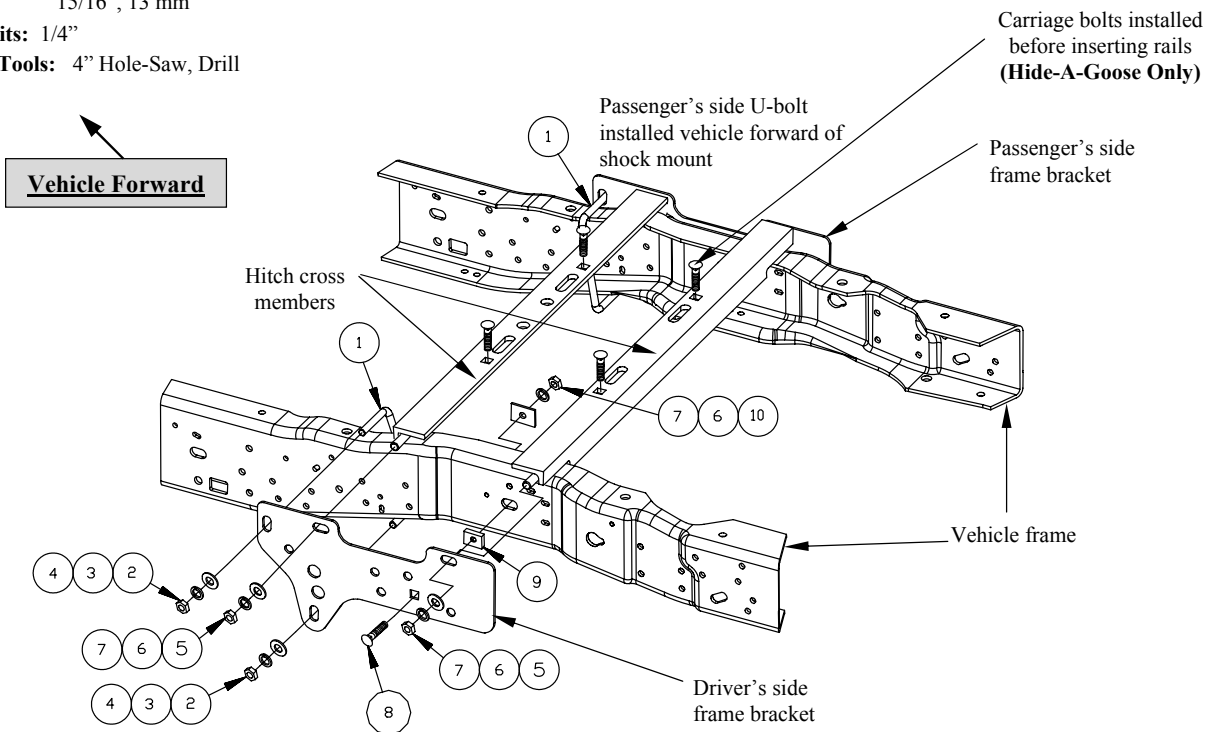
**Fastener Kit:** 4430F

**Wrenches:** 7/16", 9/16", 5/8", 11/16", 3/4",  
15/16", 13 mm

**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.



**NOTE**

- **Vehicle bed cross-members not shown for clarity.**
- **All holes and slots typical on both sides of vehicle.**

**Figure 1**

<b>1</b>	Qty. (2)	U-bolt, 1/2-13	<b>11</b>	Qty. (1)	Hex Bolt, 1/4-20 X 1.25
<b>2</b>	Qty. (4)	Flat Washer, 1/2	<b>12</b>	Qty. (2)	Flat Washer, 1/4
<b>3</b>	Qty. (4)	Lock Washer, 1/2	<b>13</b>	Qty. (1)	Nylock Nut, 1/4
<b>4</b>	Qty. (4)	Hex Nut, 1/2	<b>14</b>	Qty. (1)	Hex Bolt with Washer, M8 X 1.25 X 35mm
<b>5</b>	Qty. (4)	Flat Washer, 5/8	<b>15</b>	Qty. (2)	Hex Nut, M8
<b>6</b>	Qty. (6)	Lock Washer, 5/8	<b>16</b>	Qty. (2)	Conical Washer, 3/8
<b>7</b>	Qty. (6)	Hex Nut, 5/8	<b>17</b>	Qty. (2)	Spacer, 3/8 X 1.50 X 2.00
<b>8</b>	Qty. (2)	Carriage Bolt, 5/8-11 X 3.00 GR5	<b>18</b>	Qty. (2)	Locknut, 7/16-14
<b>9</b>	Qty. (2)	Block, 5/8 X 1.50 X 2.00	<b>19</b>	Qty. (2)	Hex Bolt, 7/16-14 X 1.50
<b>10</b>	Qty. (2)	Block, 1/4 X 1.50 X 3.00	<b>20</b>	Qty. (4)	Shims, 1/4 X 2.00 X 1.00

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#### NOTES:

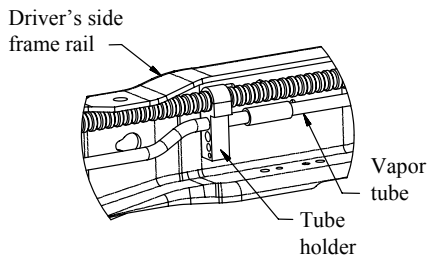
- This rail kit can be used with a 6300, 8339, or 9460 head only.
- Always make sure the ball is fully locked before towing.
- Keep the flat sections of the ball and ball pocket well lubricated.
- Periodically re-torque all the hitch fasteners.
- Check ball, hitch coupler, safety chains and other connections 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.

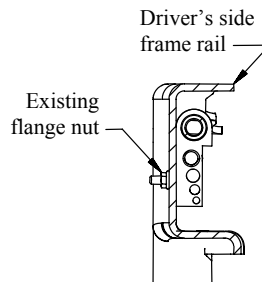
### Installation Instructions

1. Lower the vehicle exhaust.
2. **On Gas Engine Vehicles Only.** The vapor tube running along the inside of the driver's side frame rail must be relocated prior to installing the driver's side bracket. See Figure 2a. Remove the flange nut from the outside of the frame and keep for later use. See Figure 2b. Rotate the tubes up and out of the way. Install the L-bracket with 1/4" hardware, as shown in Figure 2c. Tighten the L-bracket to the frame, but leave the tube holder loose to aid bracket installation. The tube holder will be tightened onto the L-bracket in Step 12.

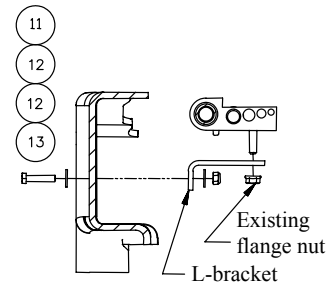


**Figure 2a**

Inside of frame rail



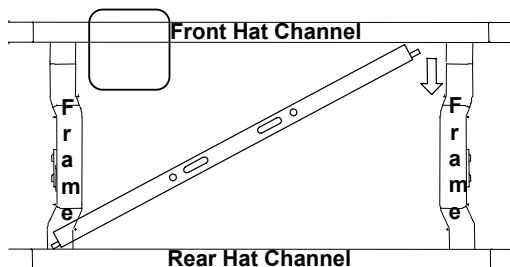
**Figure 2b**



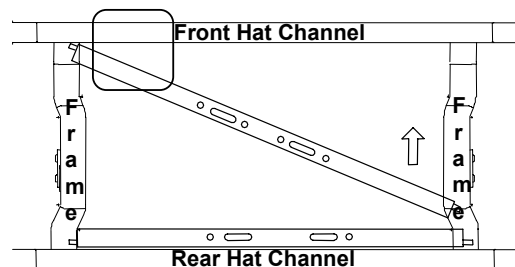
**Figure 2c**

### 9460 Hide-A-Goose Installation

3. Place 5/8" GR8 carriage bolts from the 9460 fastener kit into the square holes on the forward and rearward cross members from the top pointing towards the ground (See Figure 3).
4. From underneath the vehicle, install the rear hitch cross member by placing one end above the vehicle frame and maneuvering the notched section of the opposite end above the vehicle frame. Temporarily position the hitch cross member against the rear hat channel of the vehicle.
5. From underneath the vehicle install the forward hitch cross member by placing the driver's side notched end above the vehicle frame and maneuvering the opposite notched end above the exhaust and above the vehicle frame.



**Rear Cross Member  
Installation**



**Forward Cross Member  
Installation**

# Installation Instructions

## GOOSENECK MOUNTING KIT

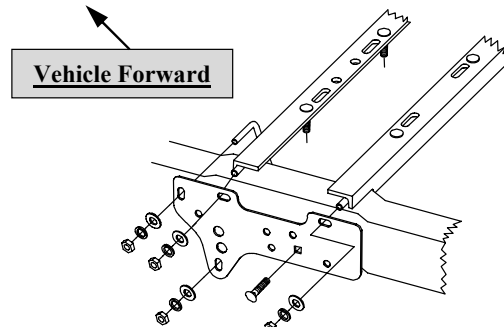
Part Numbers:

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### **Ford F-250/F-350 Super Duty**

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- Loosely, hang the driver's side and passenger's side, hitch side brackets by aligning the studded rails and installing the 5/8" hardware provided through the large slots in the vehicle frame (See Figure 1).
- Use the supplied U-bolt for the forward attachment of the bracket to the frame. Position the U-bolt from the inside of the vehicle frame pointing towards the hitch side bracket. On the passenger's side of the vehicle, the U-bolt must be positioned to the vehicle forward side of the shock mount and installed on an angle through the mounting slots on the hitch side bracket.

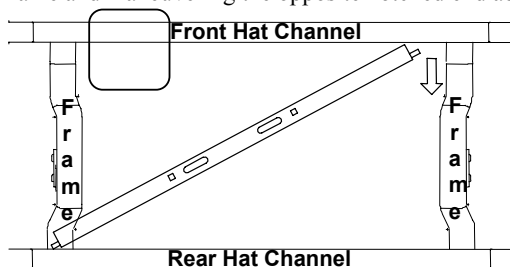


**Figure 3**

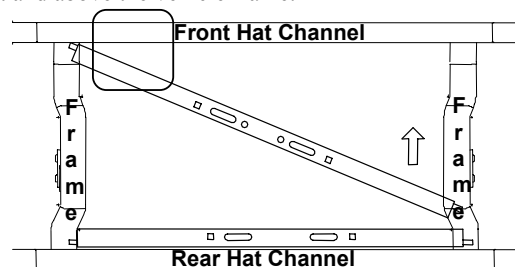
- When installing the 9460/9462 Hide-A-Goose hitch, a 4 inch hole must be drilled in the bed of the truck. Mark and drill a 1/4 inch hole **47-7/8 inches (short box) / 48 inches (long box)** from the rear of the bed and centered between the wheel wells. Refer to the 9460/9462 Hide-A-Goose hitch instruction 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 9460/9462 Hide-A-Goose kit into the 4" opening.
- Loosely install the 9460/9462 Hide-A-Goose hitch. Refer to the 9460/9462 instruction sheet.
- After fully installing the 9460/9462 Hide-A-Goose hitch and 4430 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 bracket 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 the frame brackets to the frame of the vehicle, b) torque the cross members to the frame brackets c) torque Hide-A-Goose hitch to cross members.
- On Gas Engine Vehicles Only** Use the factory flange nut that was removed in Step 2 to tighten the tube holder onto the L-bracket as shown in Figure 2c.
- Install the safety chain kit as described in the 9460/9462 head instruction sheet.
- In extreme load cases the emergency brake cable may contact the Hide-A-Goose handle. The brake cable bracket should be adjusted to suit.
- Reinstall exhaust as shown below.

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

- From underneath the vehicle, install the **rear** hitch cross member by placing one end above the vehicle frame and maneuvering the notched section of the opposite end above the vehicle frame. Temporarily position the hitch cross member against the rear bed cross member of the vehicle.
- From underneath the vehicle install the forward hitch cross member by placing the driver's side notched end above the vehicle frame and maneuvering the opposite notched end above the exhaust and above the vehicle frame.



**Rear Cross Member  
Installation**



**Forward Cross Member  
Installation**

# Installation Instructions

## GOOSENECK MOUNTING KIT

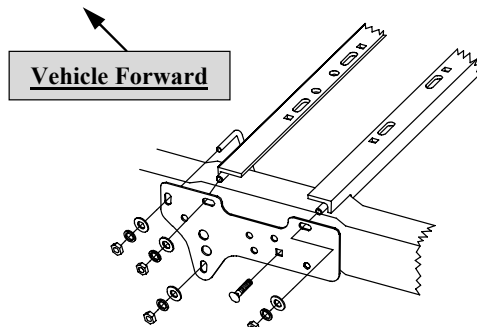
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### Ford F-250/F-350 Super Duty

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5. Loosely, hang the driver's side and passenger's side, hitch side brackets by aligning the studded rails and installing the 5/8" hardware provided through the large slots in the vehicle frame (See Figure 1).
6. Use the supplied U-bolt for the forward attachment of the bracket to the frame. Position U-bolt from the inside of the vehicle frame pointing towards the hitch side bracket. On the passenger's side of the vehicle, the U-bolt must be positioned to the vehicle forward side of the shock mount and installed on an angle through the mounting slots on the hitch side bracket.

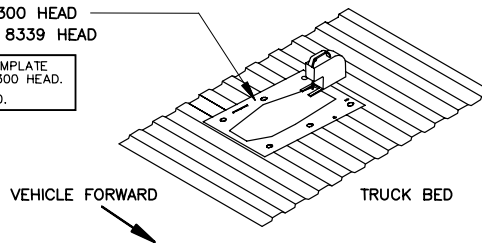


**Figure 3**

7. With the forward 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 rearward cross member should be left loose until step 10.
8. From underneath the vehicle, use the outer edges of the long slots in the forward cross member as a template to drill 5/8" diameter holes through the truck bed as shown in Figure 4. Not all holes will be able to be drilled from under the vehicle, but will be done later from inside the bed.
9. Align the holes on the template (provided with the gooseneck hitch) with the hole 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.
10. Align the rearward cross member drill 5/8 diameter holes through the truck bed and torque all 5/8-11 GR5 fasteners to 150 lb.-ft. (203 N-m).
11. Drill 1/4" pilot holes (size will depend on width of blade in saber saw). Cut out the truck bed, file the edges as needed.

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

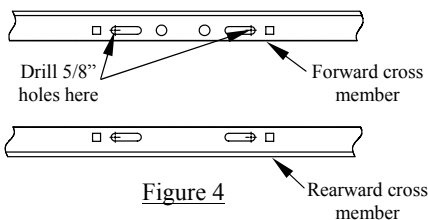
A DURABLE AND REUSABLE STAINLESS STEEL TEMPLATE  
 P/N 6467 IS ALSO AVAILABLE FOR USE WITH 6300 HEAD.  
 A TIME SAVER FOR CUTTING BED LINER AND BED.



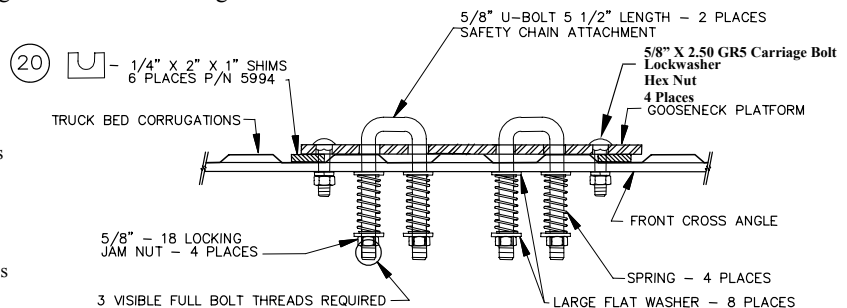
12. Install the platform into opening.
13. Use the installed platform as a guide to drill the 5/8" diameter holes that could not be drilled from underneath the vehicle.

**⚠ 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.

14. 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.



**Figure 4**



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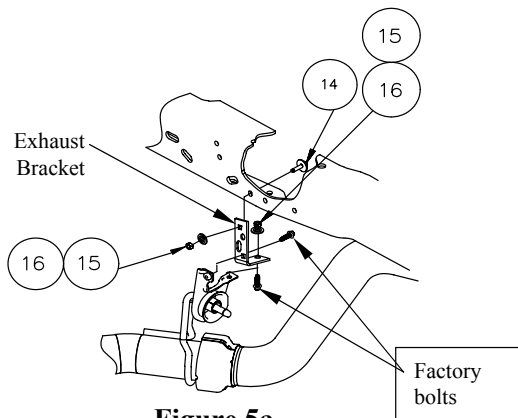
### **Ford F-250/F-350 Super Duty**

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15. 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 Lb.-Ft.
16. Install the 2 U-Bolts through the platform and from under the vehicle install 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 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.
17. Reinstall exhaust as shown below.

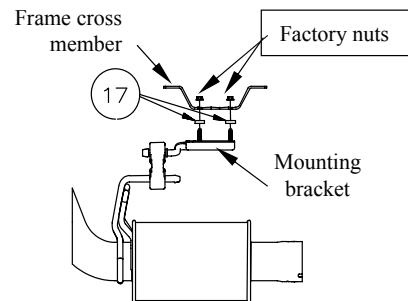
#### **Exhaust installation:**

1. If there is less than 1/2" clearance between the exhaust pipe and the Hide-A-Goose cross members, one of the exhaust brackets supplied with the 4430 mounting kit must be used. See figure 5a and 5b for 2008 models and up. For the rear attachment (Figure 5a), fasten the supplied bracket extension to the factory bracket with the factory M8 bolts, then fasten the extension to the frame with the supplied hardware. Reattach the exhaust bracket forward of the axle to the frame cross member with 3/8" spacers sandwiched between the bracket and cross member. See Figure 5c to reattach the exhaust on 1999-2007 model years.



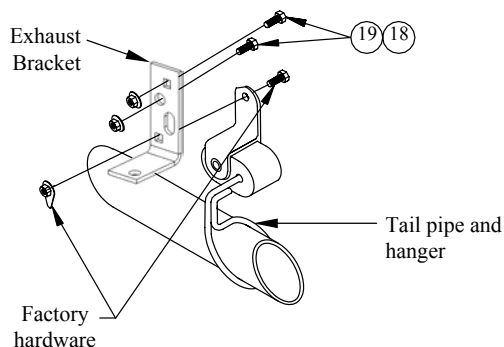
**Figure 5a**

2008 & Up, Rear Attachment



**Figure 5b**

2008 & Up, Center Attachment



**Figure 5c**

1999-2007