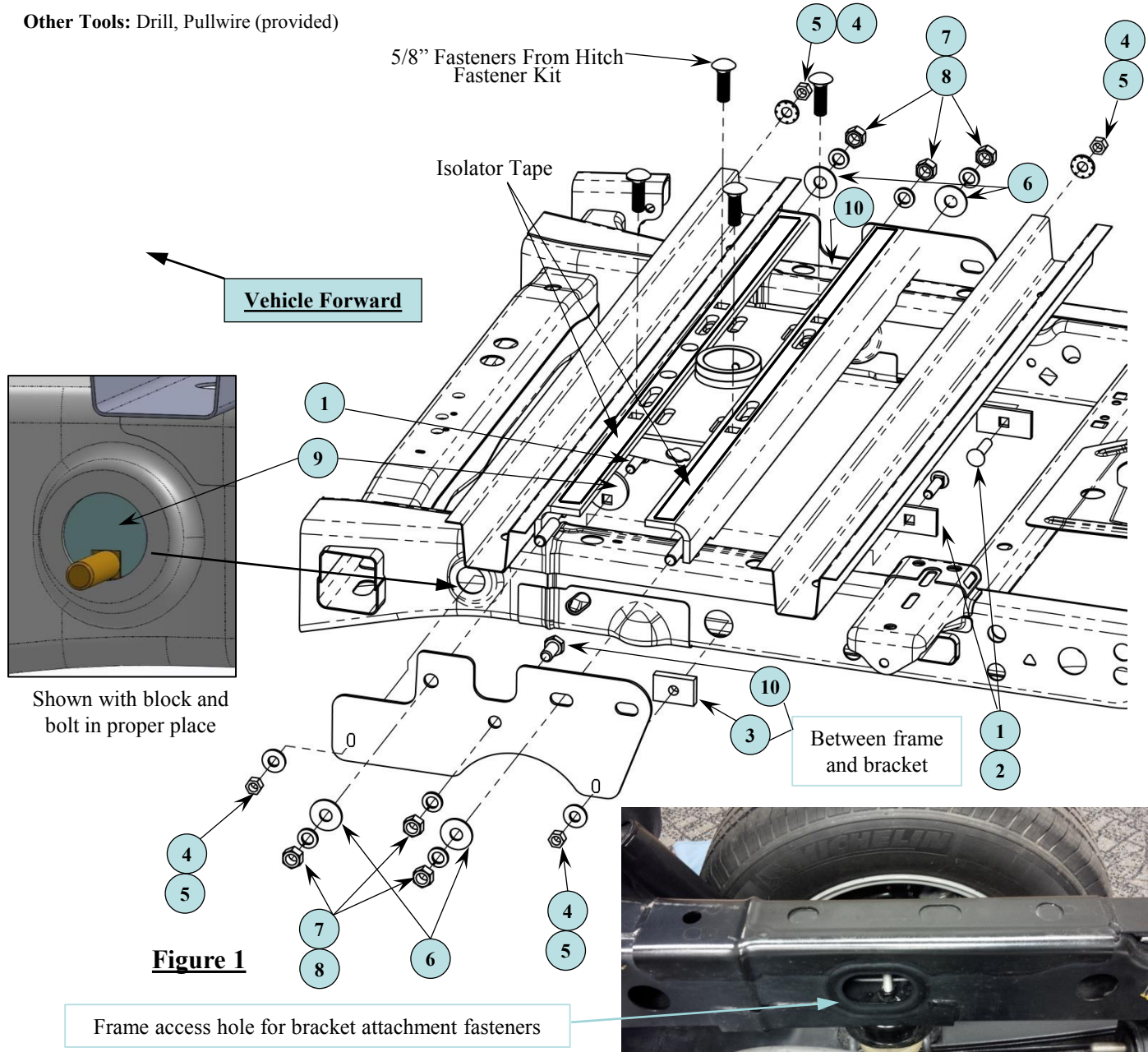


WARNING: Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity.

Equipment Required:

- Fastener Kit:** 4491F
- Wrenches:** 3/4, 7/8, 15/16
- Drill Bits:** 1/4"
- Other Tools:** Drill, Pullwire (provided)

9465/9475 Hide-A-Goose Installation



1	Qty. (4)	Carriage Bolt, 1/2-13 X 2.00 Gr5	6	Qty. (4)	Flat Washer, 5/8
2	Qty. (2)	Block, 1/4 X 1.50 x 3.00	7	Qty. (6)	Lock Washer, 5/8
3	Qty. (2)	Block, 1/2 x 1.50 x 2.25	8	Qty. (6)	Hex Nut, 5/8
4	Qty. (4)	Conical Washer, 1/2	9	Qty. (2)	Circle Block
5	Qty. (4)	Hex Nut, 1/2	10	Qty. (2)	Hex Bolt, 5/8-11 x 1.25 Gr5

Installation Instructions

Part Numbers:

HIDE-A-GOOSE

4491

Ford F-150

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.

5.5', 6.5', and 8' Box – 43-1/8 inches

Hide-A-Goose Installation Instructions

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 inch hole **43-1/8 inches (5.5', 6.6', or 8' box)** from the rear of the bed and centered between the wheel wells. Using a hole saw, enlarge the pilot hole to the final diameter. Refer to the 9465/9475 Hide-A-Goose hitch instruction sheet for hole size. Prime and paint raw metal edges.

1. Slide the forward and rearward cross members between the frame rail and the bed of the vehicle as shown in Figure 2. The forward cross member has (2) additional hole, see figure 1.
2. From underneath the vehicle, insert carriage bolts into the top square holes of the cross members. Apply isolator strip to the top side of cross member and bolt heads. Cut isolator strip to length as needed.
3. Loosely install 9465/9475 head to position the rails (refer to 9465/9475 instruction sheet for head mounting and installation).
4. **Center spacer** - install 5/8-11 x 1.25 bolts, lock washer and nuts (item 7,8, and 10) in frame bracket as shown. When installed on truck, the head of this bolt will be next to the frame and act like a spacer between frame and bracket. Caution, this will now make the brackets right-hand and left-hand.
5. Install the hitch frame brackets by aligning the threaded studs on the ends of cross members to the inner slots of the brackets. Loosely install the 5/8" flat washers, lock washers, and hex nuts to the threaded studs.
6. **Frame mounting** – One side at a time, slide block (item 3) in place and use the pull wires to insert the 1/2" carriage bolt and blocks into the mounting bracket location through the large slot on the inside of the frame. Take special note on orientation of the round block of the front frame mount. There is a hole on the inside of the frame that will allow you to check for proper placement of the block. Loosely install the 1/2" conical tooth lock washer and hex nuts to the frame bracket.
7. Align the sleeve of the Hide-A-Goose hitch with the hole drilled in the vehicle bed, and torque the hitch fasteners to the cross members to 212 ft.-lb. (287 N-m).
8. Torque the 5/8-11 GR5 fasteners that attach the cross members to the brackets to 150 ft.-lb. (203 N-m).
9. Torque the 1/2-13 GR5 fasteners that attach the brackets to the frame rail to 75 ft.-lb. (102 N-m).
10. Refer to 9465/9475 instructions to finish installation.

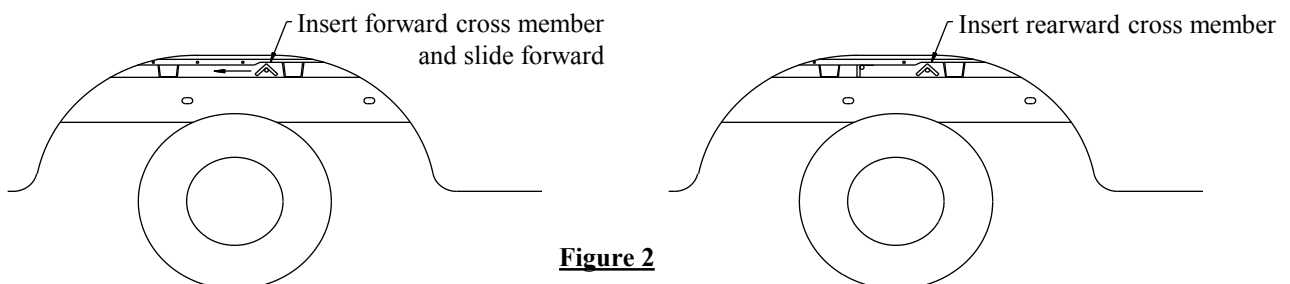


Figure 2

Installation Instructions

GOOSENECK MOUNTING KIT

Part Numbers:

4491

Ford F-150

Equipment Required:

Fastener Kit: 4491F

Wrenches: 13mm, 3/4, 7/8, 15/16

Drill Bits: 1/4", 5/8"

Other Tools: Drill, saber saw, Pullwire (provided)

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

6300/630044/8339 Gooseneck Installation

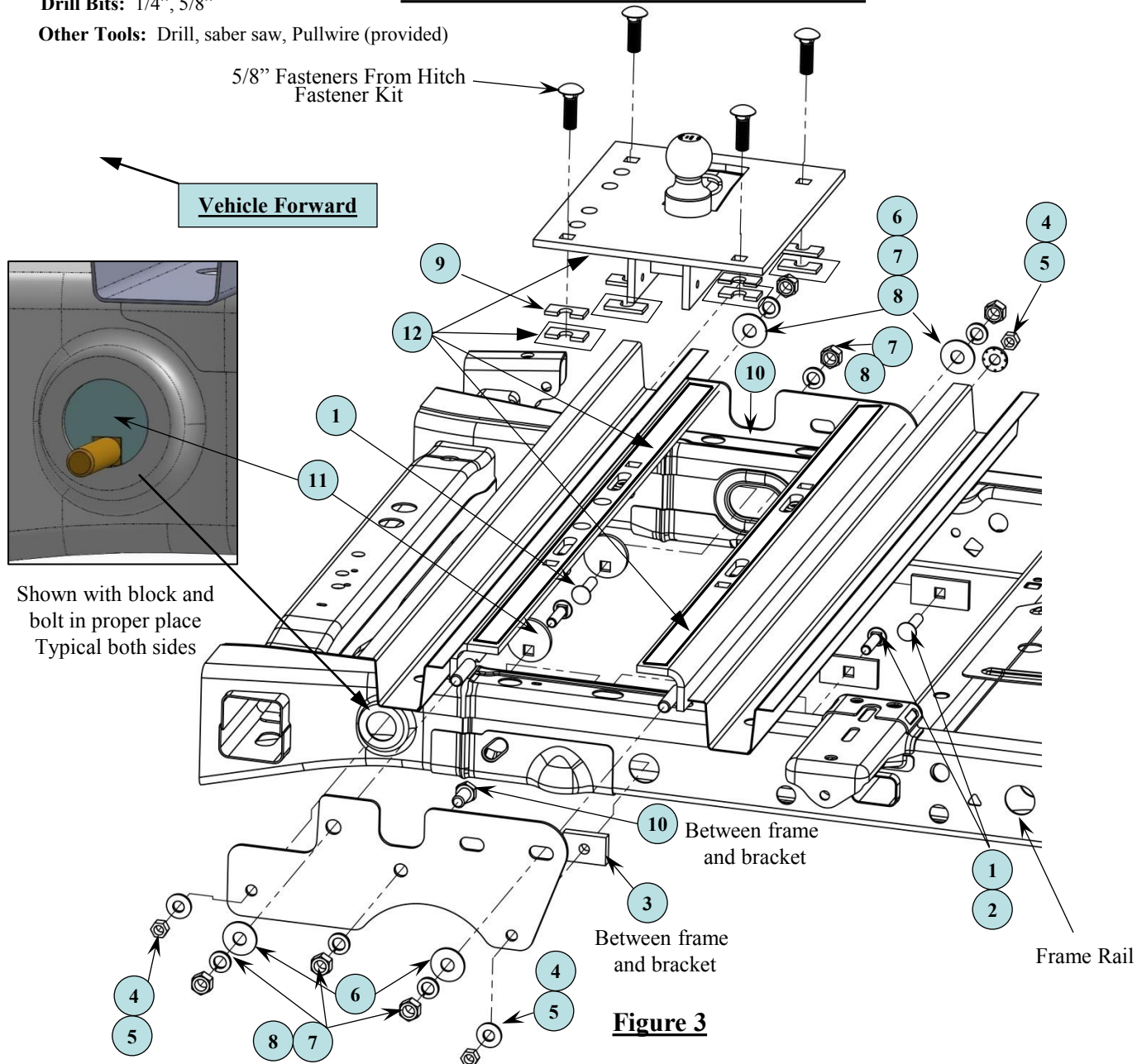


Figure 3

1	Qty. (4)	Carriage Bolt, 1/2-13 X 1.75 Gr5	7	Qty. (6)	Lock Washer, 5/8
2	Qty. (2)	Block, 1/4 X 1.50 x 3.00	8	Qty. (6)	Hex Nut, 5/8
3	Qty. (2)	Block, 1/2 x 1.50 x 2,25	9	Qty. (8)	Shim, 3/16 X 1.00 X 2.00
4	Qty. (4)	Lock Washer, 1/2	10	Qty. (2)	Hex Bolt, 5/8-11 x 1.25 Gr5
5	Qty. (4)	Hex Nut, 1/2	11	Qty. (2)	Block, 1/4" x 2.25 Diameter
6	Qty. (4)	Flat Washer, 5/8	12	7 Places	Isolator Tape

Installation Instructions

HIDE-A-GOOSE

Ford F-150

Part Numbers:

4491

NOTES:

- This section of instructions refers to installing the 6300 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 **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.

6300/630044 Remove-A-Ball and 8339 Fold Down Gooseneck Installation

1. Apply isolator tape to the top side of cross member (angles) cut to length. Cut the tape over the holes in the cross member rails for bolts to pass through. Cut the third isolator tape and install it around the bottom perimeter of the gooseneck plate. Use the scrap lengths of the isolator strip on the 4 shims (Item 9), that are in contact with the truck bed, trim as required. The isolator tape is to separate steel from aluminum.
2. Install 5/8-11 x 1.25 bolts, lock washer and nuts (Item 7,8, and 10) in frame bracket as shown. When installed on truck, the head of this bolt will be next to the frame and act like a spacer between frame and bracket. Caution, this will now make the brackets right-hand and left-hand.
3. Slide the forward and rearward cross members between the frame rail and the bed of the vehicle as shown in Figure 5. The forward cross member has (2) additional holes centered between the long slots.
4. Install the hitch frame brackets by aligning the threaded studs on the ends of cross members to the outer set of slots of the brackets. See figure 3. Loosely install the 5/8" flat washers, lock washers, and hex nuts to the threaded studs.
5. **Frame mounting** – One side at a time, slide block (item 3) in place and use the pull wires to insert the 1/2" carriage bolt and blocks into the mounting bracket location through the large slot on the inside of the frame. Take special note on orientation of the round block of the front frame mount. There is a hole on the inside of the frame that will allow you to check for proper placement of the block. Loosely install the 1/2" conical tooth lock washer and hex nuts to the frame bracket. Repeat on other side. See figure 3.
6. With the forward cross member in position, torque the 5/8-11 GR5 fasteners that attach the forward cross member to the brackets to 150 ft.-lb. (203 N-m). Torque the 1/2-13 GR5 fasteners that attach the brackets to the vehicle frame rails to 75 ft.-lb. (102 N-m).

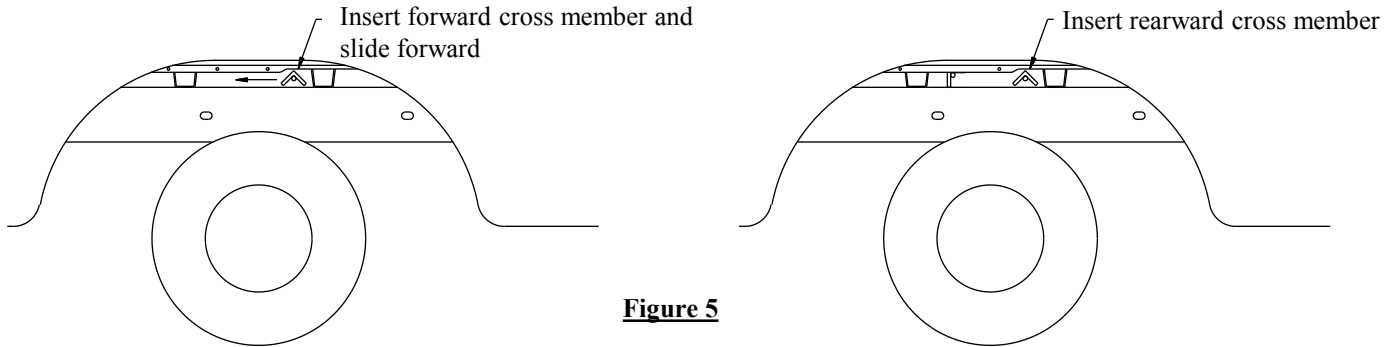
Installation Instructions

Gooseneck Mounting Kit

Ford F-150

Part Numbers:

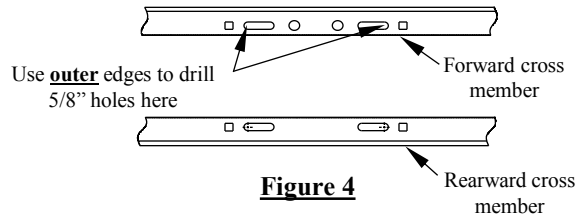
4491



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.

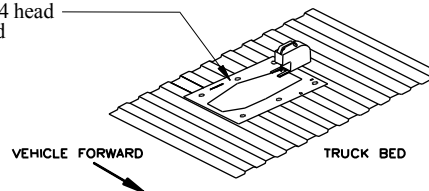
7. For **6300/630044 & 8339** use **outer** edges of the long slots in the forward cross member as a template to drill 5/8" diameter holes through the truck bed as shown in Figure 4. Not all holes can be drilled from under the vehicle, but will be done later from inside the bed. Prime and paint raw metal.
8. Align the holes on the template (provided with 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 use 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.

6300/630044/8339 **Hole Locations**



Template p/n 5978 for use with 6300/630044 head
Template p/n 114234 for use with 8339 head

A durable and reusable stainless steel templates is available. A time saver for cutting bed liner and bed.
Template p/n 6425 for use with 8339 head



9. Drill 1/4" pilot holes (size will depend on width of blade in saber saw).
10. Cut out the truck bed. File edges, prime, and paint as needed.
11. Install hitch into opening.
12. Before installing the forward 5/8" carriage bolts through the hitch, two U-block shims for each bolt (Part Number 5971) must be placed between the hitch and the bed **or** the bed and cross member, which ever gives best support to the bolts. These shims are necessary to prevent the bed corrugations from collapsing when the bolts are tightened. Shims with isolator tape towards bed. See figure 6.
13. Using the hitch as a guide to drill the 5/8" diameter mounting holes through the bed and aligning with the slots in the rearward cross member. Also drill 5/8" diameter U-Bolt holes through the bed using the holes in the hitch as a template. Prime and paint raw metal.

Installation Instructions

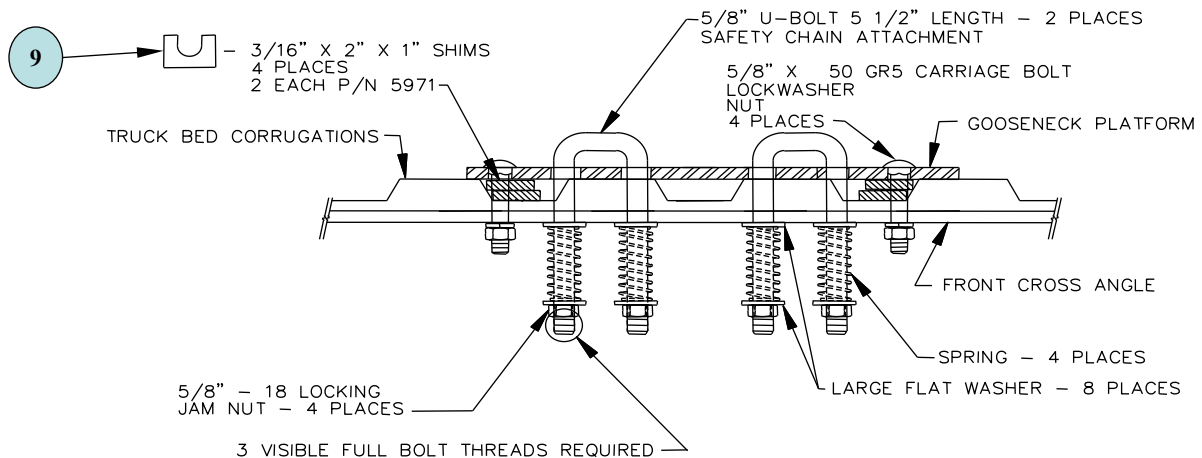
Gooseneck Mounting Kit

Ford F-150

Part Numbers:

4491

14. Align the rearward cross member with 5/8" diameter drilled holes.



15. Install the 5/8" X 2.50 GR5 carriage bolts through the hitch, shims and cross members. Secure with lock washers and nuts. Torque nuts to 150 Ft.-Lb.
16. **For 6300/630044 and 8339 Installations:** Install the (2) U-Bolts through the hitch 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. Torque the 5/8 hex nuts, lock washers, and flat washer that attach the rearward cross member to the brackets to 150 ft.-lb. (203 N-m).