

# Installation Instructions

## GOOSENECK MOUNTING KIT

### Toyota Tundra

**Part Numbers:**  
**4436**

**Equipment Required:**

**Fastener Kit:** 4436F

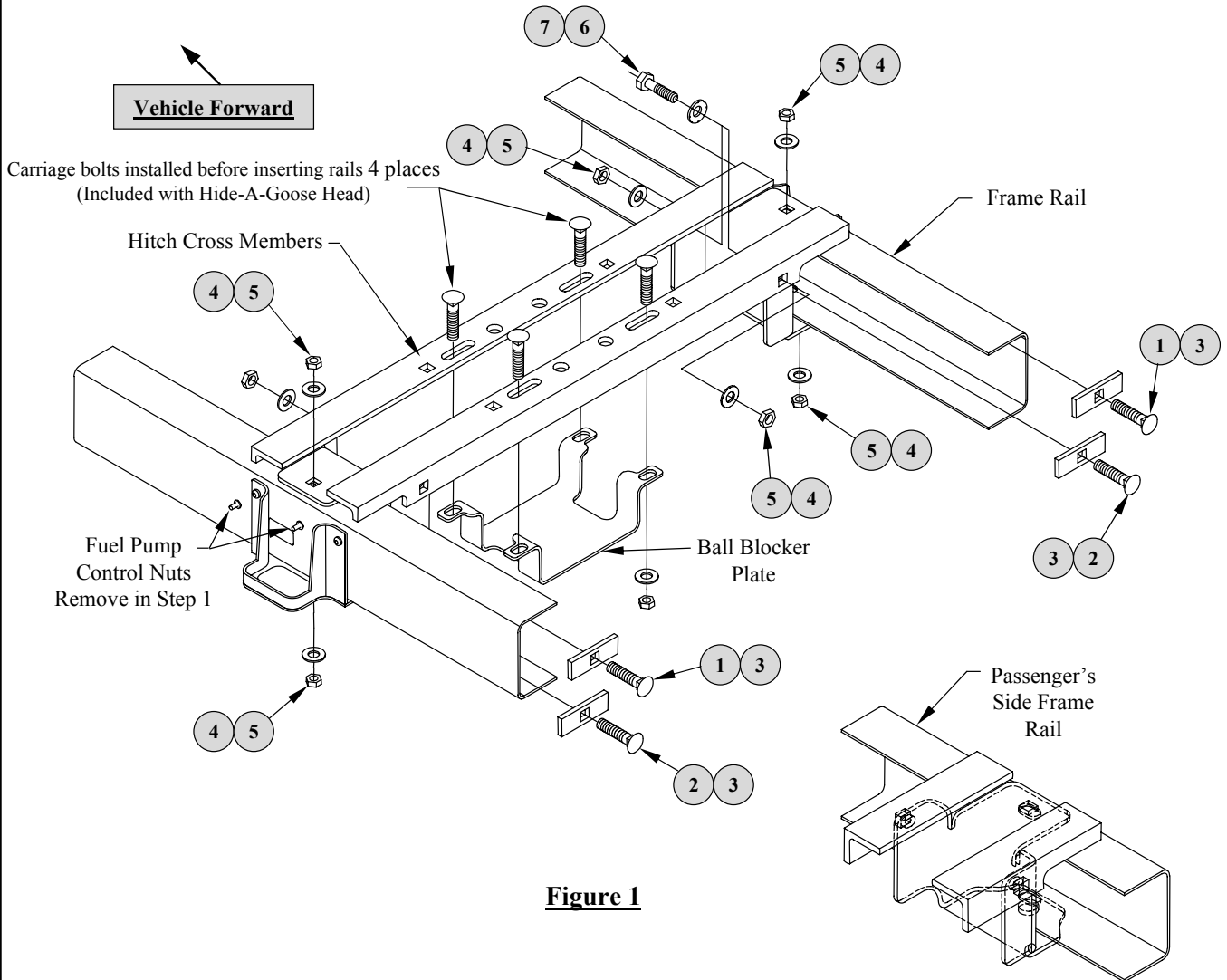
**Wrenches:** 10mm, 12mm, 3/4", 7/8", 15/16"

**Drill Bits:** 1/4"

**Other Tools:** 4" Hole-Saw, Drill

**WARNING:** Do not store hitch ball upside down in head. Brake lines could be damaged. Install Ball Blocker Plate as shown.

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



**Figure 1**

**Figure 2**

1	Qty. (2)	Carriage Bolt, 1/2-13 X 1.50 Gr5	5	Qty. (8)	Hex Nut, 1/2
2	Qty. (2)	Carriage Bolt, 1/2 -13 X 1.75 Gr5	6	Qty. (4)	Hex Bolt, 1/2-13 X 2.00 Gr5
3	Qty. (4)	Block, 1/4 X 1.00 X 3.00	7	Qty. (4)	Conical Toothed Washer, 1/2
4	Qty. (8)	Flat Washer, 1/2			

# Installation Instructions

## GOOSENECK MOUNTING KIT

Part Numbers:

4436

### Toyota Tundra

#### NOTES:

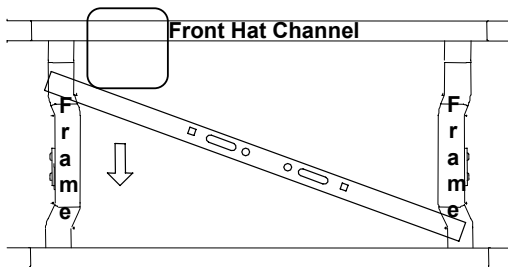
- This rail kit can be used with a or 9461 or 9463 head only.
- Always make sure the ball is fully locked before towing.
- Keep the flat sections of the ball and ball pocket well lubricated.
- Periodically re-torque all the hitch fasteners.
- Check ball, hitch coupler, safety chains and other connections 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.

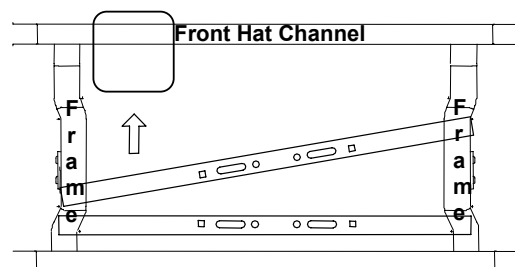
### Installation Instructions

1. Temporarily remove the (2) nuts on the outside of the driver's side frame rail using a 12mm socket, holding the fuel pump control to the inside of the vehicle frame.
2. Permanently remove heat shield above the exhaust using a 10mm socket.
3. Lower the vehicle exhaust by temporarily removing the front and rear exhaust hangers.
4. Remove the plastic clip holding the vehicle wiring harness to the top of the passenger's side frame rail.
5. Place 5/8" Gr8 carriage bolts from the Hide-A-Goose fastener kit into the mounting slots on the forward and rearward cross members from the top pointing towards the ground (the forward and rearward cross members are the same).
6. 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.
7. From underneath the vehicle install the **forward** hitch cross member by placing the passenger's side notched end above the vehicle frame and maneuvering the opposite notched end into position.



**Rear Cross Member  
Installation**

Forward  
and  
rearward  
cross  
members  
are the  
same.



**Forward Cross Member  
Installation**

8. Place hitch side brackets into position from the inside of the vehicle frame with the frame attachment flanges pointing outwards around the frame (see Figure 2).
9. Loosely install the side bracket fasteners attaching the side bracket to the frame.
10. Position the square holes on the vertical legs of the hitch cross members with the slots in the hitch side brackets. Loosely install the fasteners attaching the side brackets to the hitch cross members.
11. When installing the Hide-A-Goose hitch, a 4" hole must be drilled in the bed of the truck. Mark and drill a 1/4 inch hole **41-1/2 inches (short box) / 41-1/2 inches (long box)** from the rear of the bed and centered between the wheel wells. Refer to the Hide-A-Goose hitch instruction sheet. Drill the 4" hole in the bed of the truck with a 4" hole saw using the 1/4" hole as a pilot.
12. Place trim ring from Hide-A-Goose kit into 4" opening.
12. Loosely install the Hide-A-Goose hitch and ball blocker plate (Refer to Hide-A-Goose hitch instruction sheet).
13. After fully installing the Hide-A-Goose hitch and 4436 mounting kit, carefully align the hitch ball sleeve with the 4" opening and the trim ring in the truck bed. Torque all 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.
14. Re-attach the vehicle exhaust.
15. Re-attach the fuel pump control, removed in installation step 1.