

Installation Instructions, Ram 3500

Do Not Exceed

Lower of Towing Vehicle Manufacturer's Rating or:

30,000 LB (13620 Kg) Max Gross Trailer Weight (GTW)

7500 LB (3405 Kg) Max Tongue Weight (TW)

This hitch meets all requirements of:
SAE J2638
Society of Automotive Engineers Standard for
Fifth Wheel and Gooseneck attachment performance

Equipment Required:

- Fastener Kit:** 9466F
- Wrenches/sockets:** 24mm, 15/16"
- Drill Bits:** 5/8" and 3-1/4" Hole-Saws
- Other Tools:** Lubricating spray, exhaust removal tool or pry bar, universal swivel socket & extensions.

IMPORTANT!

Do not drill any holes until installer has inspected truck:

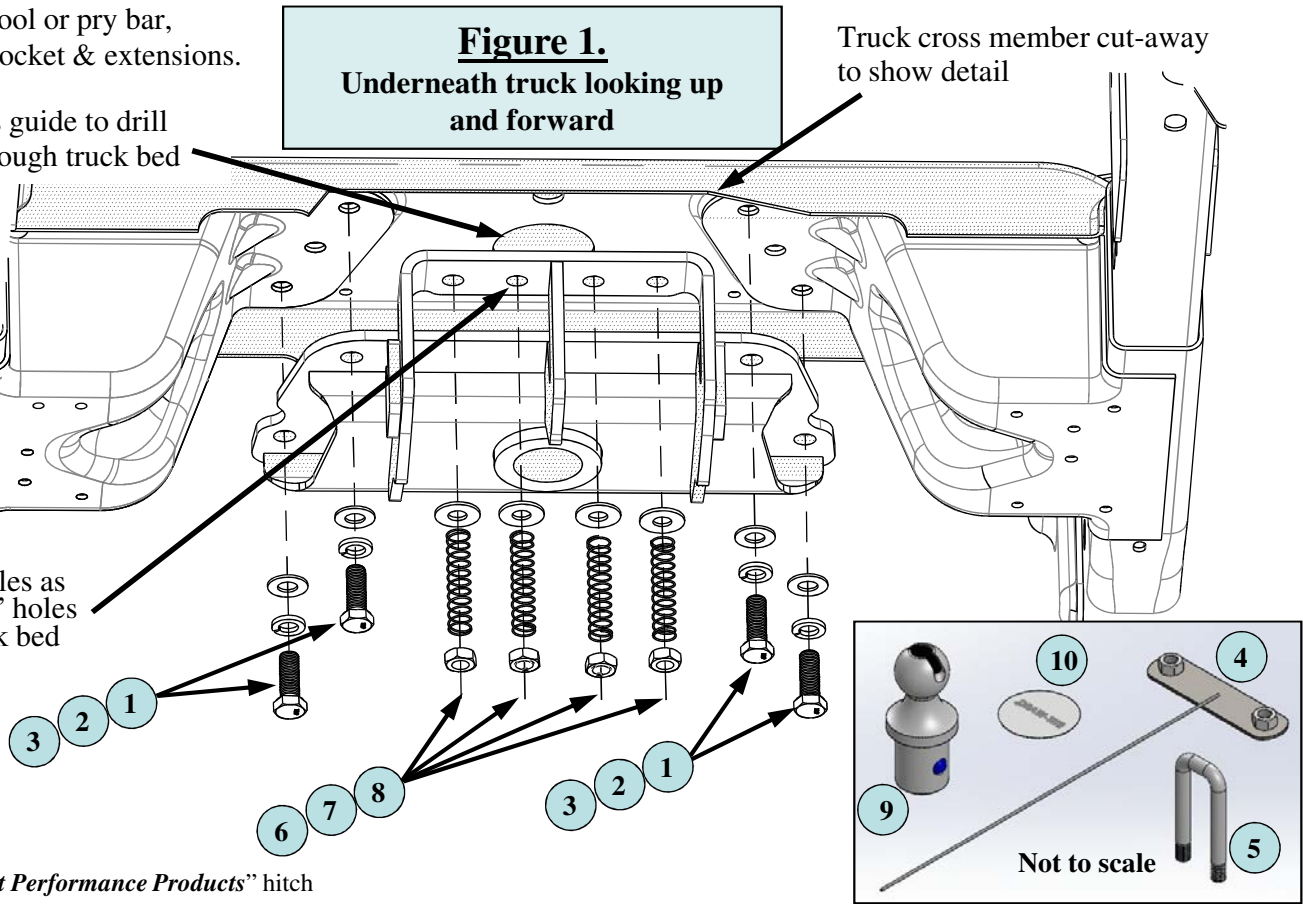
Determine that the hitch does not interfere with any under vehicle structure, brake lines, electrical wiring, cables, fuel lines or vents. (Rear axle vent hose will need to be relocated.)

Figure 1.
Underneath truck looking up and forward

Truck cross member cut-away to show detail

Use this hole as guide to drill 3-1/4" hole through truck bed

Use these (4) holes as guide to drill 5/8" holes up through truck bed



Another fine "Cequent Performance Products" hitch

1	Qty. (4)	Bolt, M16 x 1.5 x 45, CL 10.9	6	Qty. (4)	Washer, Flat 9/16"
2	Qty. (4)	Washer, Lock 5/8"	7	Qty. (4)	Spring, Compression
3	Qty. (4)	Washer, Flat Hardened 5/8"	8	Qty. (4)	Nut, Jam 5/8" - 18
4	Qty. (2)	Nut Plate Assembly	9	Qty. (1)	Hitch Ball, 2-5/16"
5	Qty. (2)	U-bolt, 5/8" - 18 x 5"	10	Qty. (1)	Cover, Magnet

Tighten all M16 x 1.5 Class 10.9 fasteners with torque wrench to 230 lb.-ft. (312 N*M)

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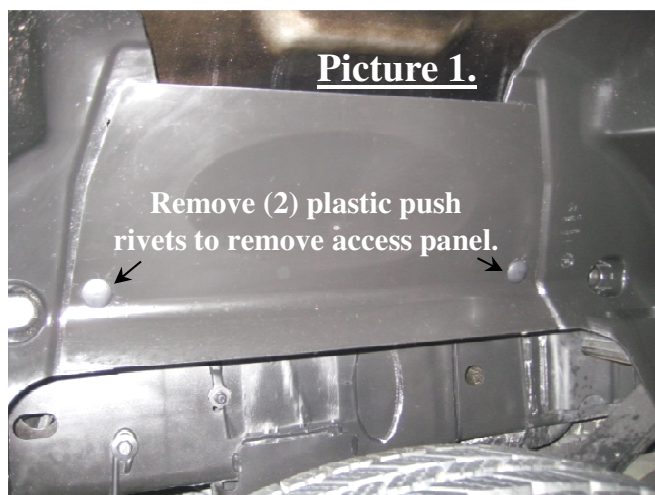
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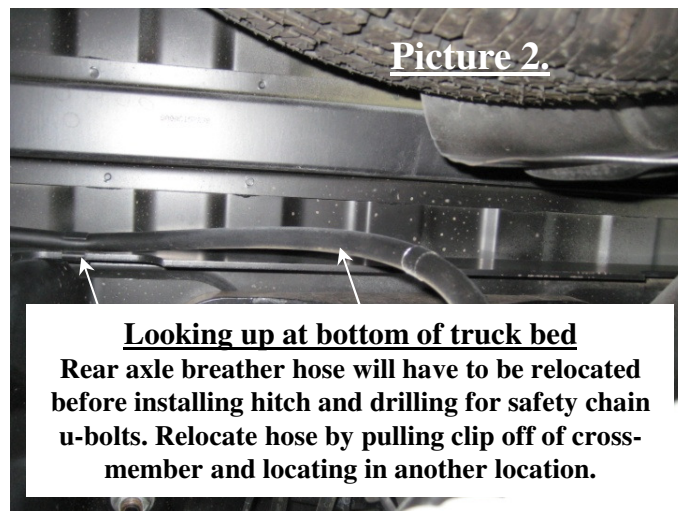
7500 LB (3405 Kg) Max Tongue Weight (TW)

HITCH INSTALLATION:

1. Drop (3) rear exhaust hangers for easier access to tighten bolts. Also drop spare tire to allow room to raise hitch in place.
2. From underneath the truck, locate the large hole in truck cross-member above rear axle. Using this hole as a guide insert the 3-1/4" hole-saw up through and drill so that only the 1/4" bit in the hole-saw drills through truck bed. Then from above truck bed drill back down with 3-1/4" hole-saw to enlarge. File edges and touch up with paint or a sealer so as not to rust.
3. Remove plastic access panel inside of rear wheel-wells so as to insert nut plate assembly above truck cross-member below truck bed, typical both sides. **(Picture 1. Below)**
4. Underneath truck lift head into position and attach with supplied M16 bolts and washers. **Torque bolts to 230 ft. lbs. (Figure 1. Page 1.)**
5. Using the safety chain u-bolt holes in the hitch as a guide, drill four 5/8" holes up through the bed. Touch up all drilled holes with a file and paint or sealer. Drop u-bolts down through these holes from above. **(Picture 2. Below, and Figure's 2. next page)**
6. From under the truck, install the 9/16" flat washers, springs, and 5/8" jam nuts **(See Figure 1.)**. Before tightening jam nuts lift u-bolts up and down from inside bed to assure smooth operation. If not then enlarge holes as necessary. Tighten jam nuts so a minimum of 3 threads are showing beyond the nuts.
7. Replace plastic access panels, bend wire handle if necessary to install panel. Reinstall exhaust hangers.



Picture 1.



Picture 2.

Tighten all M16 x1.5 Class 10.9 fasteners with torque wrench to 230 lb.-ft. (312 N*M)

AFTER HITCH INSTALLATION AND BEFORE TOWING:

Connect trailer to the tow vehicle following coupler manufacturer's operating instructions.

The coupler must be adjusted to provide about 6" of clearance between the bottom of the trailer nose and the top of the pickup bed sides. Using another person to view slowly back the trailer to a jackknifed position relative to the tow vehicle in both directions to check for adequate clearances. Between the gooseneck trailer and the rear of the truck and also check to see there is adequate clearance between the forward corners of the gooseneck trailer and the rear cab of the truck.

GOOSENECK MAINTENANCE: REPLACE WORN OR DAMAGED PARTS IMMEDIATELY.

Use cover to keep hitch free of dirt and debris. Lubricate ball sleeve with oil when ball is installed or removed. Check that hitch ball is locking properly in hitch sleeve before every time you tow. Do not leave hitch ball in hitch when not towing. Check bolt torque monthly. Check equipment before towing for worn or damaged parts.

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Figure's 2.

Looking down inside bed of truck from above

