

Installation #2172

2003-2012 - Dodge

WARNING: During the installation of the hitch do not damage any brake lines, fuel lines, etc. Check inside frame for hidden obstacles. Check under bed floor before cutting. This hitch should be installed by a qualified technician. Standard unit rating at 35,000 lbs GTW. Tall ball unit rating at 30,000 lbs GTW. Bed liner unit rating at 30,000 lbs GTW. Tall ball with a bed liner unit rating at 25,000 lbs GTW.

Diagram 1



Tools Needed:

3/4" Socket
Center punch
Drill
Plasma, air chisel, or jig saw/sawzall
Masking tape

Parts List:

Bracket "A" - 2	Bolt Package "A" - 1
Bracket "B" - 2	Bolt Package "B" - 1
Bracket "C" - 4	Bolt Package "C" - 1
Center plate - 1	Chain Hooks - 2
Ball & Wedge	

Before you start:

1. Remove spare tire.
2. Remove or alter heat deflector shield.

Diagram 2



Diagram 3



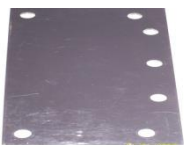
Diagram 4



Bracket "A"



Bracket "B"



Bracket "C"



1. Place bracket "A" on top of bracket "B" making sure that the 3 holes along the long side face out and they are nearest the front of the vehicle (diagram 1).
2. Using bolt package "A" bolt bracket "A" to bracket "B".
3. Locate the welded piece of the frame directly under the wheel well. Place bracket "AB" on top with bracket "A" facing inward.
4. Using bolt package "B" bolt bracket "C" to bracket "B" (front bolt should be straight up and down, back bolt will have a slight angle, make sure bracket "C" sits flat against the bottom of the frame) (diagram 2)
5. Snug all bolt but do not tighten
6. Repeat procedure for both sides.
7. Place template on bracket making sure sticker is towards the front on long beds, and towards the rear on short beds.
8. Using a punch, mark the center of the 4 holes.
9. From the top side drill the 4 holes
10. With a jig saw cut out and connect the 4 holes completing approximately a 3 3/4" x 5 1/4" rectangle (diagram3).
11. Using bolt package "C" tape the 4 carriage bolts in the designated holes in the center plate (diagram 4).
12. Mount the center plate on the brackets making sure the rectangle box fits in the hole of the bed.
13. Put the ball and wedge in the box and make sure the ball is directly down the center of the bed. If needed tap the ball left or right to make sure the ball is directly down the center of the bed.
14. Tighten all bolts on the hitch, brackets "AB" tighten until the corners start to bend.
15. From under the bed drill the holes for the chain hooks.
16. Drop the U-Bolts in the holes from the top down and screw on the nut.
17. Use a small amount of silicone sealant to seal around the rectangle box. This helps keep the dust from coming up through the bed.

Package "A"
6 bolts & nuts



Package "B"
8 bolts & nuts



Package "C"
4 bolts & nuts



2 Chain Hooks



DROP 'N LOCKS.
GOOSENECK HITCHES

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