



12/28/2012

## C-319 SUBKIT

## DODGE 1500/2500/3500

30,000 LBS GTW GOOSENECK KIT

**WARNING!!** BRAKE, FUEL, AND ELECTRICAL LINES MAY NEED TO BE LOOSENEED OR REPOSITIONED TO PROVIDE CLEARANCE FOR NEW HARDWARE.  
ALL MODELS REQUIRE MODIFICATION OR REMOVAL OF HEAT SHIELDS

### PARTS LIST

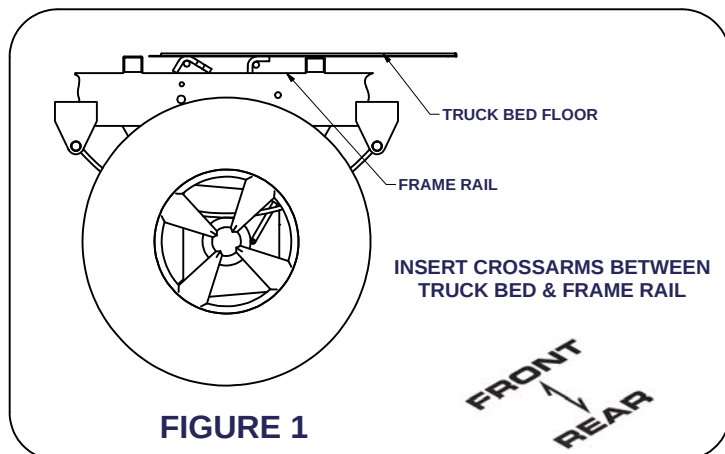
- (8) 1/2-13 x 4 1/2 Hex Bolt
- (8) 1/2-13 Flange Nut
- (8) 1/2 Washer
- (12) Half Moon Spacer (CM-SP27)
- (1) Tube Spacer (CM-TS)
- (4) 5/8" Flange Nuts
- (1) CM-C655-EH

### INSTALLATION STEPS

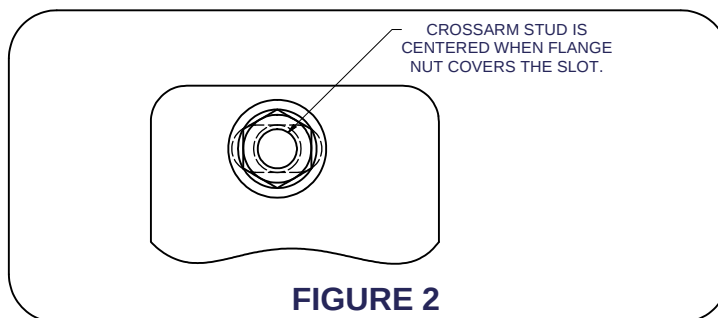
**\*\*REMOVE SPARE TIRE FOR INSTALLATION\*\***

**\*\*FOR MEGA CAB INSTALLATIONS, REPLACE REAR MOST EXHAUST HANGER WITH CM-C655-EH(CURT SUPPLIED HANGER)\*\***

- 1) Install crossarms by sliding them into gap between the truck bed and frame from inside the wheel well. **As shown in Figure 1.**
- 2) **For all applications, the notched side plate indicates that it is for the driver side.** Align the folds of the plate in between the bed frame rails, and over top of the truck frame as shown in **Figure 3** (Page 2). Hang the side plates from 5/8" studs, which extend from the crossarms. Fasten each plate with two 5/8" flange nuts provided. Finger tight only.
- 3) Secure each side plate to the frame rail using two mounting straps along with four 1/2" hex bolts as shown in **Figure 3** (Page 2). Use 1/2" flange nuts to secure in place. Finger tight only.
- 4) Rotate the crossarms until they contact the truck bed. Center the rear crossarm studs in the side plate slots as shown in **Figure 2**. Use a 15/16" wrench to tighten the 5/8" flange nuts on the rear crossarm to the side plates.(Use the tube spacer for correct spacing between the crossarms.) Repeat for front crossarm. **(Note: Do not tighten crossarms until center section installation is complete.)**
- 5) **Be sure the crossarms are vertical to the truck bed before drilling!** With crossarms secure and evenly spaced, drill a hole through the truck bed at the center of each cross arm mounting hole.
- 6) From inside the truck bed, center the six pilot holes with the letter "A" on the C-52 cutting template. Fasten the template to the truck bed with tape. Once fastened, drill four 1/8" pilot holes through section lettered "B". **(Be sure to check for brake lines and/or fuel lines before drilling.)**
- 7) With the pilot holes drilled, use a sabre saw to cut out section "C".
- 8) Remove template and drill out the six pilot holes with a 21/32" drill bit. Set your C-52 folding hitch ball into place.
- 9) Attach the C-52 to the crossarms using six 5/8" carriage bolts and flange nuts. Torque bolts to 210 lb-ft. **(Note: Shims (half moon spacers) must be placed under each bolt between crossarms and C-52 to prevent truck corrugations from collapsing.)**
- 10) After the C-52 has been fastened to the crossarms. Torque all 5/8" hardware to 210 lb-ft.
- 11) Torque all 1/2" hardware to 110 lb-ft.

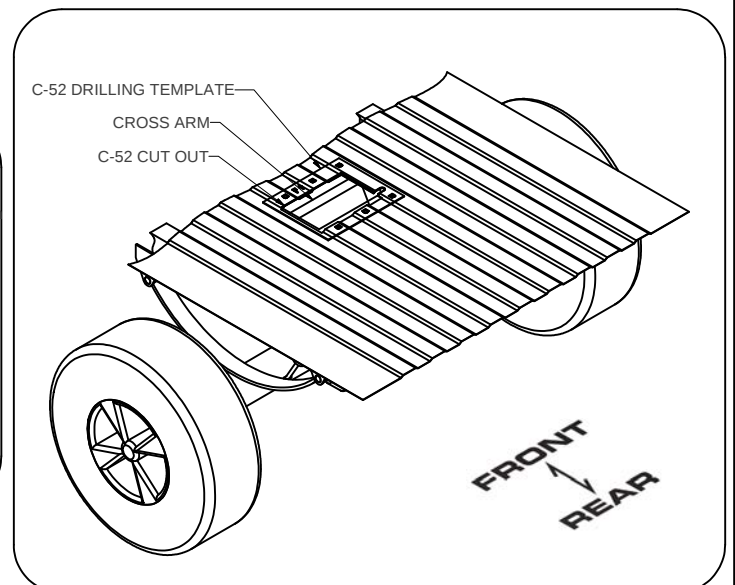
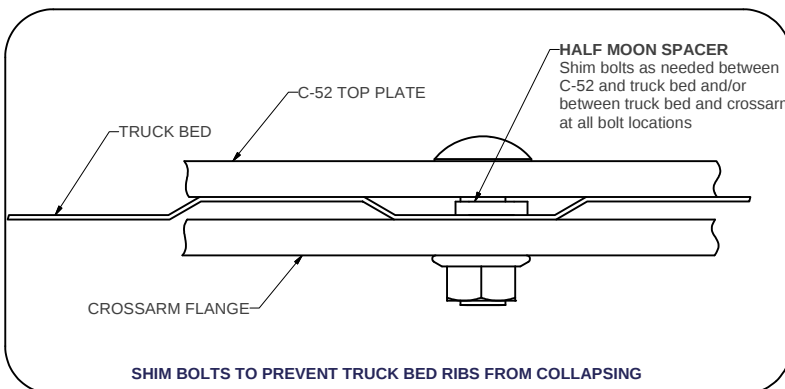
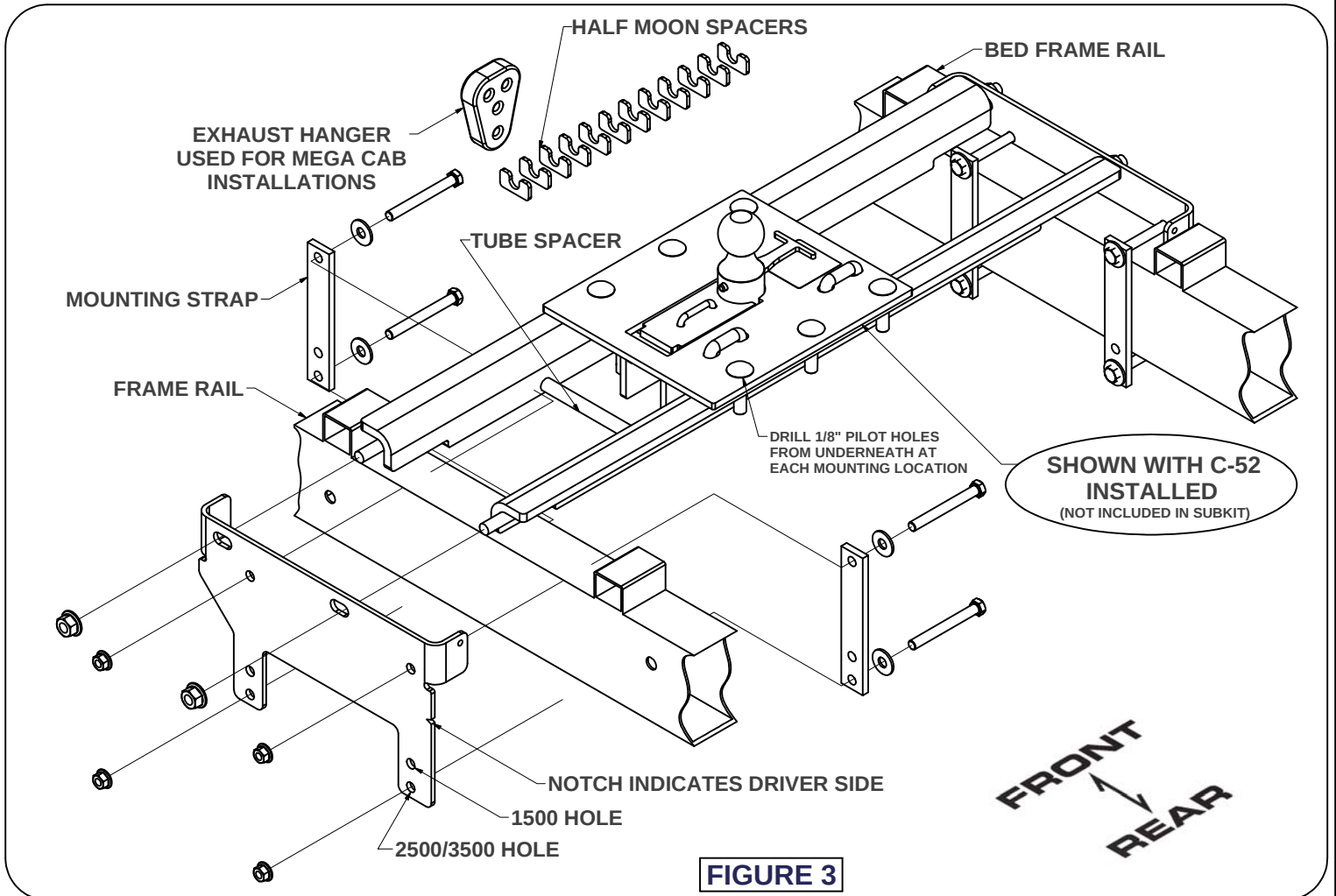


**FIGURE 1**



**FIGURE 2**

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