



## C-34 SUBKIT

## CHEVY/GMC 1500/2500

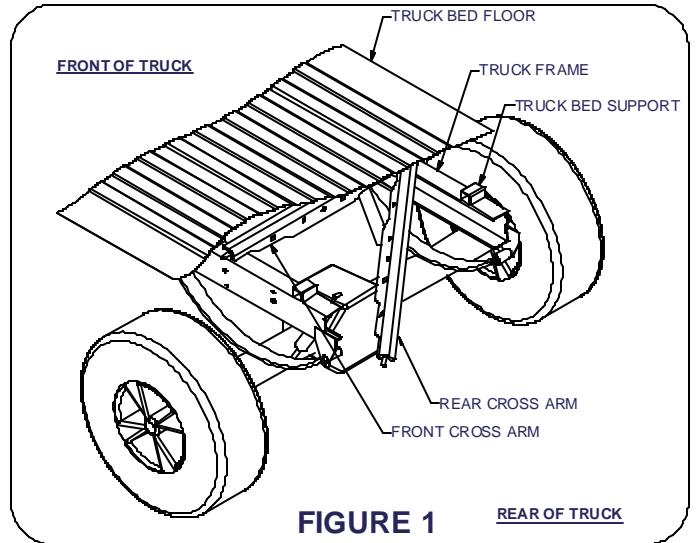
**WARNING!!** BRAKE, FUEL, AND ELECTRICAL LINES MAY NEED TO BE LOOSENED OR REPOSITIONED TO PROVIDE CLEARANCE FOR NEW HARDWARE.  
ALL MODELS REQUIRE MODIFICATION OR REMOVAL OF HEAT SHIELDS

### INSTALLATION STEPS

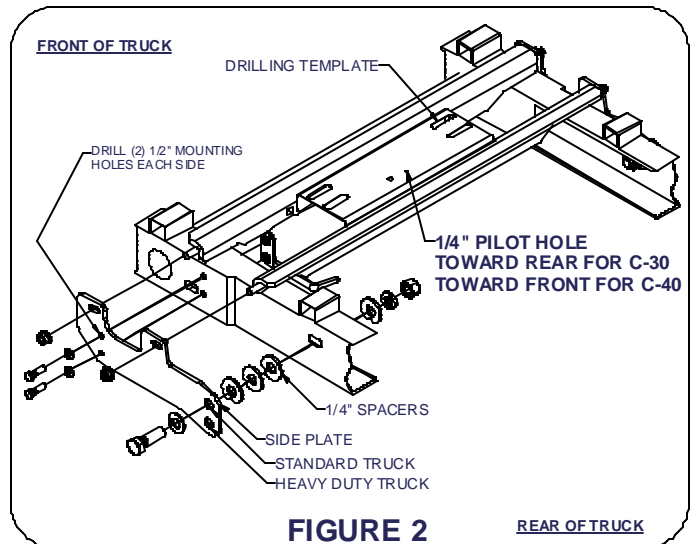
**\*\*REMOVE SPARE TIRE FOR INSTALLATION\*\***

- 1) Remove the heat shield located above the rear axle. The gas tank heat shield may also need to be cut along the top for some models.
- 2) Install the cross arms by sliding end into gap between the truck bed and frame on the passenger side. Swing other end between the truck bed and frame gap on the driver's side. **(Note: Holes in the cross arm must face each other as shown in Figure 1.)**
- 3) Hang the side plates from 5/8" studs which extend from the cross arms. Fasten each plate with two 5/8" flange nuts provided. Finger tight only.
- 4) Align the side plates with the 1" slots in the frame. Place the 1" hex bolts through washer, side plate, three 1/4" thk. spacers, and frame as shown in **Figure 2**. Use a 1/4" thick spacer, lock washer, and hex nut on the inside of frame to secure in place. Finger tight only. **(Note: See Figure 2 for proper placement of the 1" bolt.)**
- 5) Rotate the crossarms until they contact the truck bed. Push the front of side plates up tight and level to the truck bed. Clamp the side plates to the frame. **(Note: Do not drill remaining side plate mounting holes at this time.)**
- 6) Center the rear cross arm studs in the side plate slots as shown in **Figure 3**. Use a 15/16" wrench to tighten the 5/8" flange nuts on the rear cross arm to the side plates. **(Note: Do not tighten front cross arm until center section installation is complete.)**
- 7) With side plates clamped and rear cross arm secure, position the drilling template provided between the cross arms as shown in **Figure 2**. Attach the template to cross arms using four 5/8" carriage bolts and flange nuts provided with the center section. Tighten the 5/8" flange nuts with a 15/16" socket. **(Note: Template must be positioned correctly based on application as shown in Figure 2.)**
- 8) **Be sure the cross arms are vertical to the truck bed before drilling!** Drill a 1/4" hole into the bed of the truck using the guide hole in the center of the template. Remove the template from the cross arms after the pilot hole has been drilled.

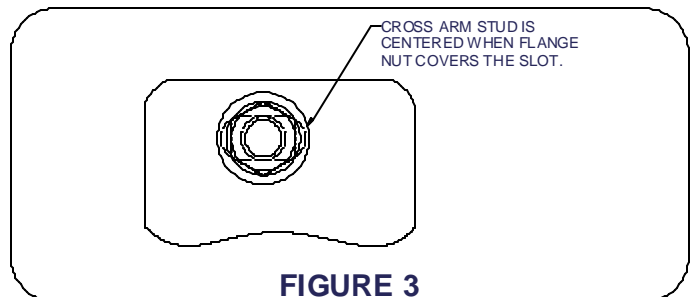
**\*\*\*RAPID INSTALL DIMENSION IS 44 7/16" FROM REAR OF TRUCK BED AS SHOWN ON PAGE 2 OF INSTRUCTION SHEET\*\*\***



**FIGURE 1** REAR OF TRUCK



**FIGURE 2** REAR OF TRUCK



**FIGURE 3**

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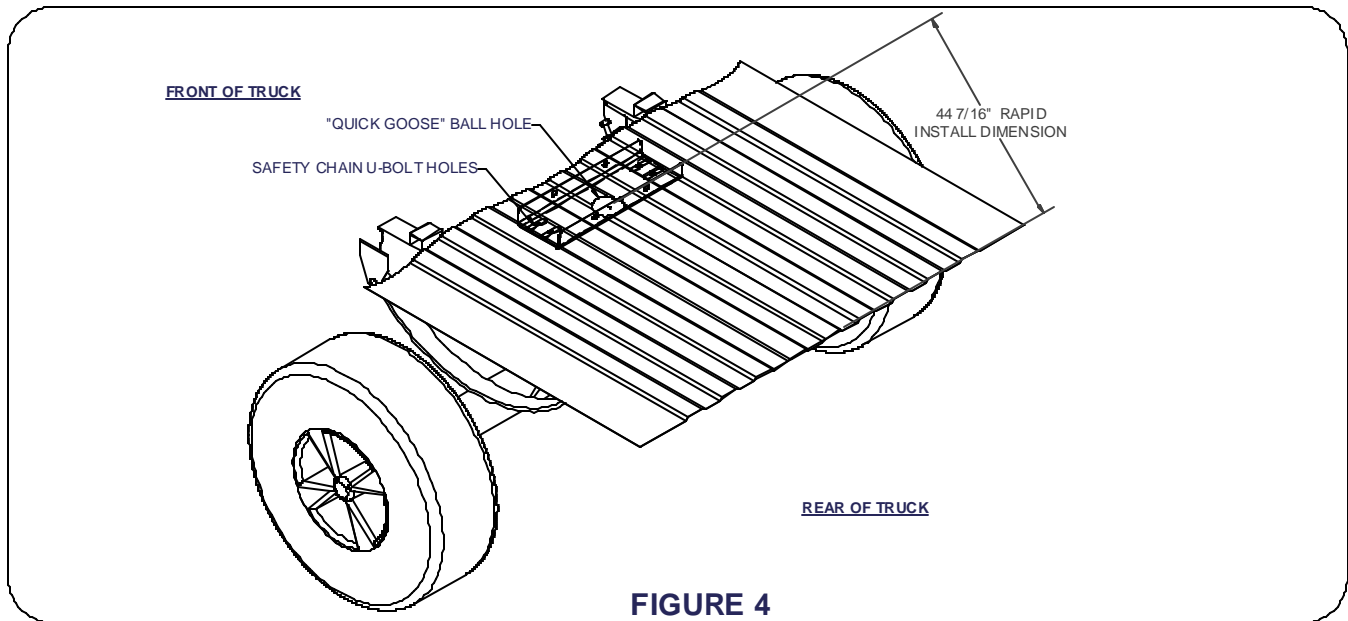


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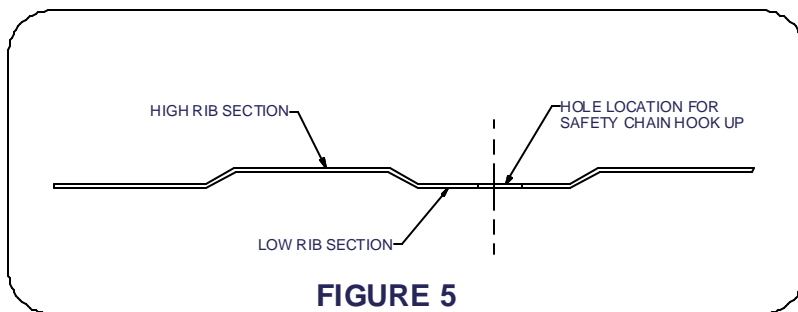
**CHEVY/GMC 1500/2500**

**INSTALLATION STEPS CONT.**

- 10) From inside the truck bed, position the drilling template as it was under the vehicle in step 9. **(See Figure 4.)** To hold template position, place a 1/4" bolt thru the template and the new hole in the bed. Use a tape measure to square the drilling template by measuring from the tail gate end of bed to the template. Using a 5/8" drill bit, drill the center of each slotted hole in template. **(Note: Be sure holes are drilled in the lower rib sections of the truck bed as shown in Figure 5.)**
- 11) From inside the truck bed use a 3 5/8" hole saw to drill thru the bed. Use the previously drilled 1/4" hole as a guide. Use a file to deburr any sharp edges.
- 12) At this time, follow the "Quick Goose" instructions for installation of the center section and return when completed.
- 13) With center section installation complete, the final side plate mounting holes can be drilled. Use holes toward front of side plate as a guide to drill two 1/2" holes through the frame both sides. **(See Figure 2 on page 1.)**
- 14) Place the 1/2" hex bolts through a washer, the side plate, and frame. On the driver side use the handle nut to fasten the 1/2" hex bolts. On the passenger side use 1/2" flange nuts to fasten the 1/2" hex bolts.
- 15) Recommended torque for the 1" side plate bolts is 640 lb.-ft. Minimum torque required is 200 lb.-ft. Torque the 1/2" hardware to 75 lb.-ft. Re-attach fuel, brake, and electrical lines that may have been loosened or removed during installation.



**FIGURE 4**



**FIGURE 5**

**PARTS LIST**

- (4) 1/2-13 x 1 3/4" Hex Bolt
- (2) 1/2-13 Flange Nut
- (4) 1/2" Flat washer
- (1) 1/4" THK. 1/2-13 Handle Nut (CM-322-HN)
- (4) 5/8-11 Flange Nut
- (2) 1-8 x 3" Hex Bolt
- (2) 1-8 Hex Nut
- (2) 1" Lock Washer
- (8) 1/4" Thk. Spacer (CM-SP13)
- (1) Installation Template (CM-308-2)

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