

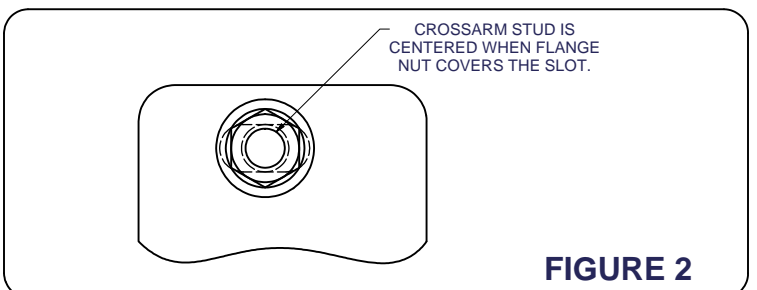
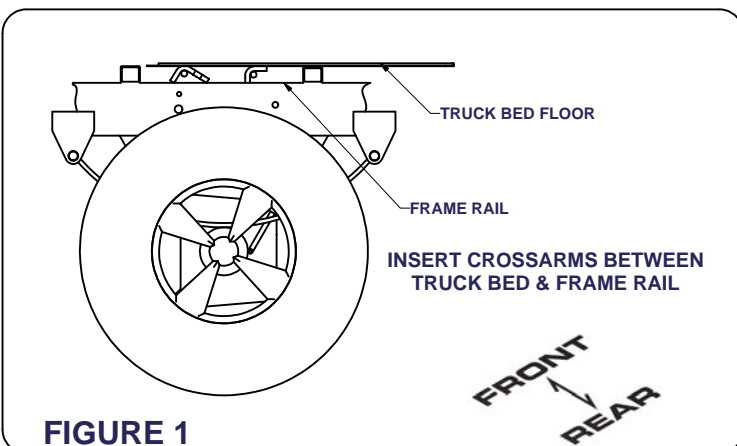
INSTALLATION STEPS

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

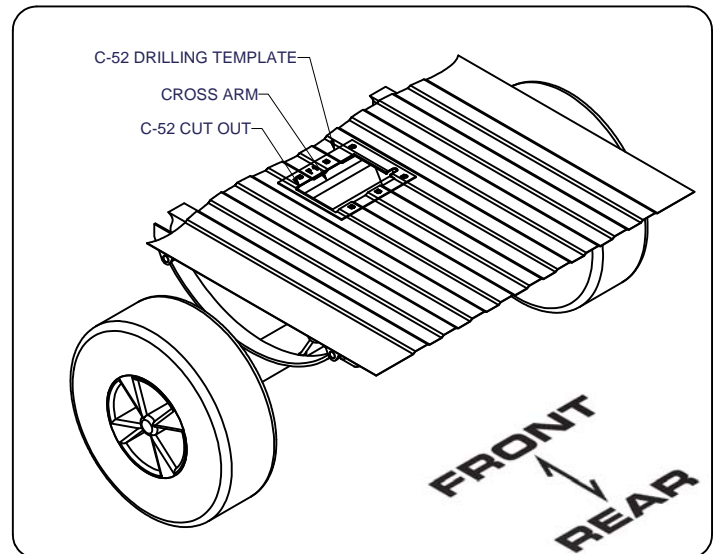
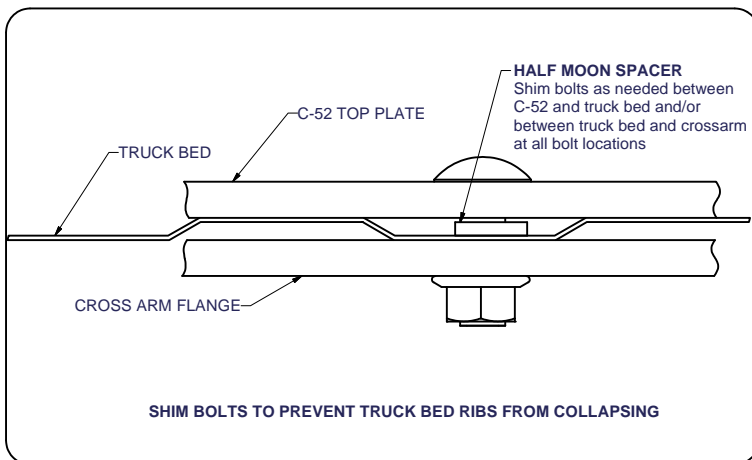
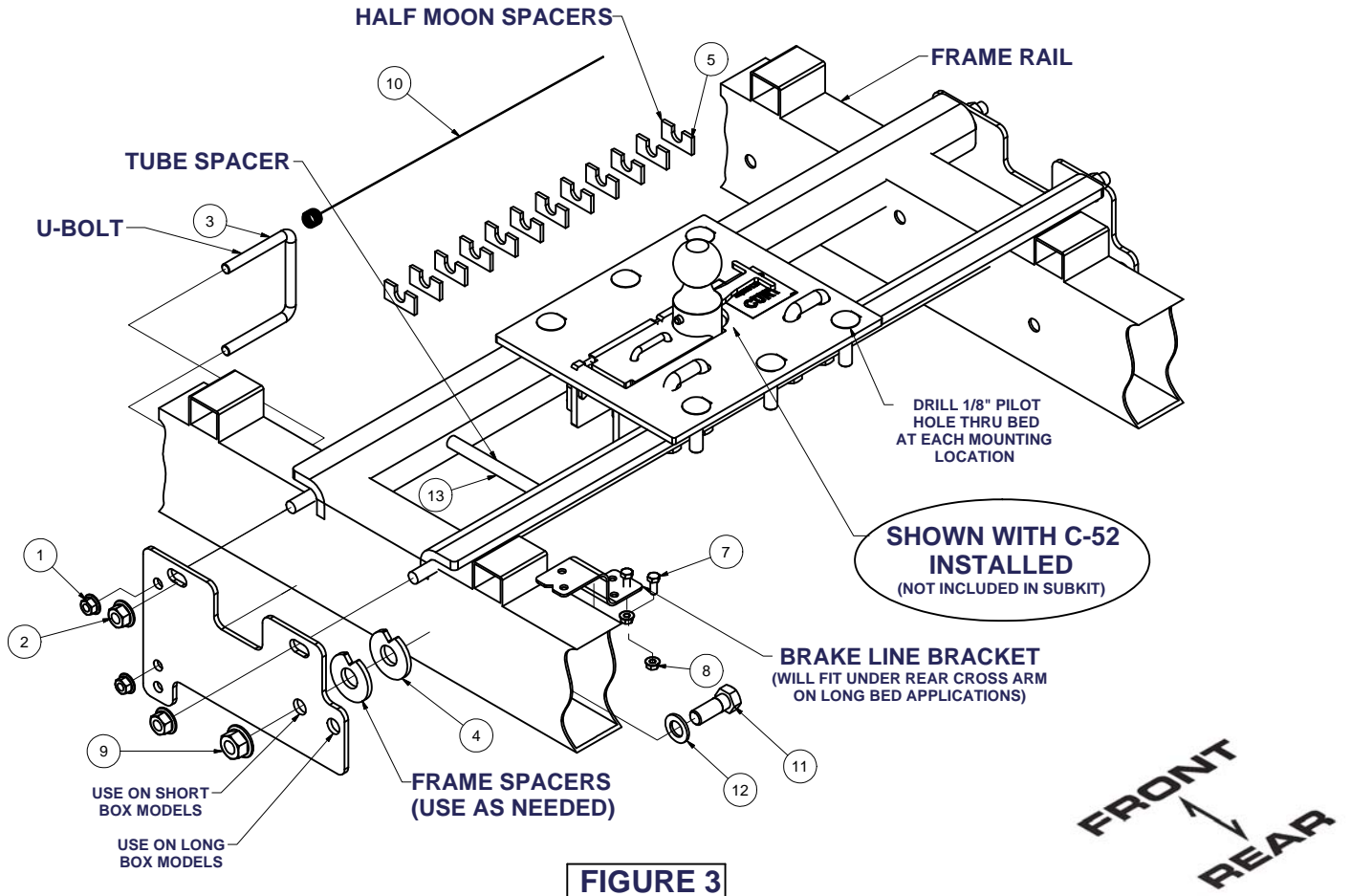
****REMOVE SPARE TIRE FOR EASE OF INSTALLATION****

- 1) Remove all lines from top of frame rail on driver side. Lower the brake lines by unbolting factory brake line bracket and replace with Curt supplied bracket by using existing bolts, then attach factory bracket to Curt bracket using supplied 8MM bolts and flange nuts.
- 2) Install crossarms by sliding them into gap between the truck bed and frame from inside the wheel well. **As shown in Figure 1.**
- 3) Hang the side plates from 5/8" studs, which extend from the crossarms. Align the 3/4" hole in the side plate with the existing slot in the frame of the truck. **On long beds**, use the outer most 3/4" hole and **on short beds** use the inner most 3/4" hole. The u-bolt holes should be toward the front of the truck as shown in **Figure 3**. Fasten each plate with two 5/8" flange nuts provided. Finger tight only.
- 4) Align the side plate with the existing slot in the frame. Fishwire a 3/4" carriage bolt and 3/4" washer (both sides) through frame to slot in frame rail with (1) or (2) CM-SP13 spacers between the side plate and frame rail, along with a u-bolt to fasten the side plate to the frame rail as shown in **Figure 3**. Finger tight only.
- 5) 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. Repeat for both sides.
(Note: Do not tighten crossarms until center section installation is complete.)
- 6) **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 crossarm mounting hole.
- 7) 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.)
- 8) With the pilot holes drilled, use a sabre saw to cut out section "C".
(Cutting of bed rail supports may be necessary on some models.)
- 9) Remove template and drill out the six holes with a 21/32" drill bit. Set your C-52 folding hitch ball into place.
- 10) Attach the C-52 to the crossarms using six 5/8" carriage bolts and flange nuts. Torque bolts to 115 lb-ft.
(Note: Spacers must be installed at all bolt locations to prevent truck bed corrugations from collapsing.)
- 11) After the C-52 has been fastened to the crossarms, torque all 5/8" hardware to 115 lb-ft, 1/2" hardware to 75 lb-ft, and 3/4" hardware to 260 lb-ft.

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	HFN 1213	HEX FLANGE NUT
2	4	5/8-11	HEX FLANGE NUT
3	2	CM-1206-UBS	1/2-13 x 4 1/8 x 4 3/4 x 1 1/2 SQ U-BOLT
4	4	CM-SP13	2.50 DIA. x .250" ROUND HOLE SPACER
5	12	CM-SP27	.188 x 1.00 x 2.00" U-SHAPE SPACER
6	2	CM-1208-UBS	1/2-13 x 4 1/8 x 6 x 1 1/2 SQ U-BOLT
7	2	M8 - 1.25 x 20	HEX BOLT
8	2	M8-1.25	HEX FLANGE NUT
9	2	3_4 - 10 HFN	HEX FLANGE NUT
10	1	3_4 FISHWIRE	3/4" FISHWIRE
11	2	3_4 - 10 x 2 HEX	HEX HEAD BOLT-NC
12	2	3_4 SMALL WASHER	SMALL WASHER
13	1	CM-TS	.625 DIA. TUBE SPACER
14	1	CM-BLB	11GA. BRAKE LINE BRACKET



Curt Manufacturing Inc., warrants this product to be free of defects in material or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, Curt Manufacturing Inc., may repair or replace the product, at their option, when the product is returned, prepaid, with proof of purchase. Alteration to, misuse of, or improper installation of this product voids the warrant. Curt Manufacturing Inc.'s liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage.



Curt Manufacturing Inc., warrants this product to be free of defects in material or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, Curt Manufacturing Inc., may repair or replace the product, at their option, when the product is returned, prepaid, with proof of purchase. Alteration to, misuse of, or improper installation of this product voids the warrant. Curt Manufacturing Inc.'s liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage.



Warning: On two wheel drive trucks a clearance check must be performed when truck is loaded and unloaded to verify the inverted ball will not interfere with the top of the differential.

Make/Model	Style	Years From	Years To	20K Part#	30K Part#	Foot Notes
CHEVROLET/GMC						
1500 C/K Series	Long Bed	1988	1998	61103	61503	
	Short Bed	1988	1998	61104	61504	
1500 Silverado/Sierra	New Body	2007	2013	61231	61331	
	Classic Body	1999	2007	61241	61341	Z
2500 & 3500 C/K Series	Long Bed (Old Body)	1988	2000	61103	61503	
	Short Bed (Old Body)	1988	2000	61104	61504	
2500HD/3500 Silverado/Sierra		2011	2015	61200	61301	Z
		2001	2010	61241	61341	Z
2500LD Silverado/Sierra	Classic Body	1999	2007	61241	61341	Z
DODGE						
Ram 1500		2002	2008	61219	61319	Z
		1994	2001	61109	61509	
Ram 2500/3500		2003	2012	61129	61529	
		1994	2002	61109	61509	
FORD						
F-150		2004	2013	61221	61321	Z
		1997	2003	61106	61506	
		1980	1996	61105	61505	
F-250	Heritage Edition	2004	2004	61106	61506	
	Old Body	1997	1998	61105	61505	
F-350		1980	1996	61105	61505	
		1997	1998	61105	61505	
F-250/350 Super Duty		1999	2015	61232	61332	Z
F-450 Super Duty	Excluding Cab & Chassis	2008	2011	61232	61332	Z
TOYOTA						
Tundra	Short Bed	2007	2012	61225	n/a	1
UNIVERSAL						
Universal Rail Kit	Raw Finish	n/a	n/a	61102	61502	

*** While Supplies Last**

Footnotes:

Z = No Drill

1 = Do not exceed recommended vehicle towing capacity.