



## APPLICATION: 1967 - 98 FORD F/S TRUCK 1967-72 FORD FULL SIZE TRUCK (34 INCH FRAME)

STEP 1: Using 1/2 inch hardware, loosely install mounting brackets on the OUTSIDE of truck frame rails with the offset OUTWARDS. Refer to figure 1 and 2. DO NOT TIGHTEN mounting hardware.



FIGURE 1 (driver side view) 1967-72 F/S TRUCK (34 INCH FRAME)

FIGURE 2 (driver side view) 1967-72 F/S TRUCK (34 INCH FRAME)

00 0

C

STEP 2: Install bumper onto mounting brackets with brackets OUTSIDE of bumper hitch. Refer to figure 2. Use remaining 1/2 inch hardware.

DO NOT TIGHTEN mounting hardware. Refer to step 3 at bottom of page.

## 1973 - 98 FORD FULL SIZE TRUCK (37 3/4 INCH FRAME)

STEP 1: The truck frame rails may have one 14mm weld nut attached to each frame rail. These weld Nuts will be used for installing mounting brackets. Using 14mm and 1/2 hardware, loosely install mounting brackets on the OUTSIDE of truck frame rails with the offset INWARDS. DO NOT TIGHTEN mounting hardware. Refer to figure 1A.



O M

FIGURE 2

1973 & UP FORD F/S TRUCK (37 3/4 FRAME)

STEP 2: Install bumper onto mounting brackets with brackets INSIDE of bumper hitch. Refer to figure 2. Use remaining 1/2 inch hardware.

STEP 3: Position bumper squarely to tailgate and allow clearance for tailgate to open. Tighten hardware as follows: 3/8 to 30-35 ft lbs 1/2 to 60-65 ft lbs

14mm to 60-65 ft lbs

## APPLICATION: 1973-87 CHEVY/GMC F/S TRUCK APPLICATION: 1973-91 CHEVY/GMC CREW CAB

STEP 1: Using 1/2 inch hardware, loosely install mounting brackets on the OUTSIDE of truck frame rails	
with the offset OUTWARDS. Refer to figure 1 and 2. DO NOT TIGHTEN mounting hardware.	
CENTER LINE OF HOLES	
MUST DE PARALLEL TO THE GROUND	
(INSTALL BRACKET SETS AT DOWNWARD ANGLE)	
FIGURE 1 (driver side view) FIGURE 2 (driver side view)	
1973-87 CHEVY CK TRUCK 1973-87 CHEVY CK TRUCK	
STEP 2: Install bumper onto mounting brackets with brackets INSIDE of bumper hitch. Refer to figure 2.	
Use remaining 1/2 inch hardware. DO NOT TIGHTEN.	
Ose remaining 1/2 men hardware. DO NOT TIGHTEN.	
STEP 3: Position bumper squarely to tailgate and allow clearance for tailgate to open.	
Tighten hardware as follows: 1/2 to 60-65 ft lbs.	
A DDI LOATION, 4000, 0000 OUEVAVIONO E/O TDUOK	
APPLICATION: 1988 - 2000 CHEVY/GMC F/S TRUCK	
STEP 1: SHORT BED ONLY - Remove the 10mm shackle bolt from both frame rails prior to installing	
mounting brackets and replace with 3/8 inch hardware.	
LONG BED ONLY - Remove ground wire and wiring harness retaining strap	
from driver side frame rail only. Re-attach ground wire after installation	
is complete.	
REMOVE 10mm BOLT AND REPLACE WITH 3/8 HARDWARE	
BOLT HOLE LOCATIONS	
CENTER LINE OF HOLES	
RIVET MUST BE PARALLEL TO	
(INSTALL BRACKET SETS AT DOWNWARD ANGLE)	
FIGURE 1A (driver side view) FIGURE 2 (driver side view)	
1988 - 2000 CHEVY CK TRUCK 1988 - 2000 CHEVY CK TRUCK	
OTED 0. Heirer 4/0 in the head ware the each install as writing has due to an the INOIDE of travely frames with with	L-
STEP 2: Using 1/2 inch hardware, loosely install mounting brackets on the INSIDE of truck frame rails wit	n
the offset inwards. Refer to figure 1 and 2.	
Short bed models, install 3/8 hardware in place of 10mm shackle bolt.	
Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware.	
Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware. STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of	f
Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware. STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2.	f
Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware. STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of	f
Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware. STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2. Use remaining 1/2 inch hardware. DO NOT TIGHTEN.	ſ
<ul> <li>Short bed models, install 3/8 hardware in place of 10mm shackle bolt.</li> <li>DO NOT TIGHTEN mounting hardware.</li> <li>STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2.</li> <li>Use remaining 1/2 inch hardware. DO NOT TIGHTEN.</li> <li>STEP 3: Position bumper squarely to tailgate and allow clearance for tailgate to</li> </ul>	ſ
Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware. STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2. Use remaining 1/2 inch hardware. DO NOT TIGHTEN.	f
<ul> <li>Short bed models, install 3/8 hardware in place of 10mm shackle bolt.</li> <li>DO NOT TIGHTEN mounting hardware.</li> <li>STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2.</li> <li>Use remaining 1/2 inch hardware. DO NOT TIGHTEN.</li> <li>STEP 3: Position bumper squarely to tailgate and allow clearance for tailgate to</li> </ul>	f
<ul> <li>Short bed models, install 3/8 hardware in place of 10mm shackle bolt. DO NOT TIGHTEN mounting hardware.</li> <li>STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2. Use remaining 1/2 inch hardware. DO NOT TIGHTEN.</li> <li>STEP 3: Position bumper squarely to tailgate and allow clearance for tailgate to open. Tighten hardware as follows: 3/8 to 30-35 ft lbs., 1/2 to 60-65 ft lbs.</li> </ul>	f
<ul> <li>Short bed models, install 3/8 hardware in place of 10mm shackle bolt.</li> <li>DO NOT TIGHTEN mounting hardware.</li> <li>STEP 2: Install bumper using spacer plates between mounting brackets and hitch with brackets INSIDE of bumper hitch. See figure 2.</li> <li>Use remaining 1/2 inch hardware. DO NOT TIGHTEN.</li> <li>STEP 3: Position bumper squarely to tailgate and allow clearance for tailgate to</li> </ul>	f