



FRONT BUMPER INSTALLATION INSTRUCTIONS **2008-2014 Ford E-Series**

Please read before beginning

- *Stainless steel hardware may bind together when tightening—It is recommended that you apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *This installation requires two people*
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values.*



Required tools

- Standard wrench set
- Leveling tool

Included hardware

Quantity

- | | |
|---|----|
| • Mounting hardware | |
| ○ 70036-1/2-13 x 1 1/2" Hex Bolt Grade 8 | 8 |
| ○ 70033-1/2-13 Nylock Nuts Grade 8 | 8 |
| ○ 70035-1/2 Washer F/W STL Zinc (.09 Thickness) | 16 |
| ○ Antiseize Packet, 2g | 1 |

Assembly instructions

1. Remove Stock Bumper
2. Attach Bumper to Mounts and Frame
3. Hold bumper up in position and put bolt through the bumper and frame
4. Start by putting one bolt on each side (each bolt should have a washer between both the head and the bumper and the nut and the frame)
5. One of the holes on the bumper that is furthest away from the frame is the easiest one to start with
6. Hand tighten the nut down so the bumper can be rested on the bolt
7. Insert the other bolts that go from inside the toolbox to the frame



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- 8. Snug the nuts down so that the bumper is held up but can still be moved for alignment/centering on the vehicle
- 9. Check that the bumper is straight from left to right and parallel to the van's grill
- 10. Tighten down bolts

General Torque Values			
Size	Stainless Steel	Zinc	Grade 8
#6-32	10 lb-ft	--	--
#8-32	18.4 lb-ft	--	--
#10-32	26.6 lb-ft	--	--
1/4"-20	5.3 lb-ft	7.8 lb-ft	9 lb-ft
5/16"-18	10.9 lb-ft	16 lb-ft	18 lb-ft
3/8"-16	19.4 lb-ft	28.3 lb-ft	33 lb-ft
7/16"-14	31 lb-ft	45 lb-ft	52 lb-ft
1/2"-13	47 lb-ft	69 lb-ft	80 lb-ft
M6	4.7 lb-ft	5.8 lb-ft	--
M8	11.3 lb-ft	14.1 lb-ft	--
M10	22.3 lb-ft	27.9 lb-ft	--
M12	38.9 lb-ft	48.7 lb-ft	--



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