



FORD 99-08 SUPER DUTY REAR BUMPER REPLACEMENT

THESE INSTRUCTIONS ACCOMMODATE PART NUMBERS :

230 600 9900 230 601 9900 230 602 9900 230 603 9900
230 600 0800 230 601 0800 230 602 0800 230 603 0800

800-504-5684
info@bigdogbumpers.com
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TOOLS NEEDED : 21mm WRENCH AND SOCKET
24mm WRENCH AND SOCKET
ELECTRIC WIRE TESTER

* NO HARDWARE PROVIDED, FACTORY HARDWARE WILL BE RE-USED

1. Unplug factory wire harness from factory rear bumper. (remove 7-way plug on 99-07 year models also back up sensors if equipped)
2. Remove factory 21mm bolt plate from rear bumper brackets (2 bolts each side) retain hardware for installation of new **Big Dog** rear bumper. SEE PICTURE #1
3. Take off factory rear bumper.
4. On factory tow hitch there are 4 sets of 24mm factory bolt plates, 2 towards the front and 2 towards the rear: remove the 2 in the rear, and loosen the 2 in the front (but do not remove the front bolt plates), this will allow room between factory tow hitch and factory frame. SEE PICTURE #2
5. Install new **Big Dog** rear bumper, by sliding new bumper brackets in between factory tow hitch and frame. Line up holes with frame and insert factory 21mm bolt plate removed in step #2 , moderately tighten at this time. SEE PICTURE #3
6. Align holes between factory frame, new bumper and factory tow hitch, insert factory 24mm bolt plate and thread. Slowly tighten and make sure bumper aligns with truck lines.
7. Tighten all factory bolt plates to 70 lbs. of torque.
8. Reconnect factory wire harness (and back up sensors if equipped) onto new bumper. (reinstall 7-way plug into new **Big Dog** bumper on 99-07 models)
9. Install new license tag bulbs provided (reverse lights if equipped) into new bumper, the license tag bulbs are self grounding to the bumper, you may need to scuff paint on back side of tag bulb holes to make good contact.
10. Use electrical tester to find hot wire from factory tag light wire ,connect that to new bulb provided.
***reverse lights will be wired to factory wiring.



PICTURE #1



PICTURE #2



PICTURE #3