



GMC 07-08 HD WINCH READY GRILLE GUARD

PART NUMBER 250 311 0700

**** REQUIRES CUTTING OF AIR DAM AND TOW HOOK OPENINGS ****

TOOLS NEEDED : 18mm SOCKET AND WRENCH
19mm SOCKET AND WRENCH
21mm SOCKET AND WRENCH
15 mm SOCKET AND WRENCH
1 FLAT HEAD SCREW DRIVER (FIGURE 1)



1. Remove tow hooks.
2. Cut tow hook openings 1 in. towards outer sides, remove plastic.
3. Remove factory bumper bracket hardware (1 side at a time, because your not removing the factory bumper).
4. From back side of bumper, insert T.G. grille guard bracket thru tow hook opening, and rotate to where flat welded plate is flush with the bottom of the frame.
5. Insert nut thru round hole just back from welded plate, then thread 1 ½ in. bolt thru hole in welded plate.(you can insert 19mm wrench from front of frame to hold nut while threading bolt)
6. Install tow hook extension bracket thru front of tow hook opening to inside of truck frame, insert 5 in. bolt provided thru bottom factory frame hole. (you will also be passing thru grille guard bracket)
7. Installing the support bracket, you will need to line bracket up with factory frame holes on the inner side of frame, also line small end of bracket with gusset on bottom of grille guard winch tray. Insert 1 1/2in.bolt, hand tighten. (line these up to see where you must notch out the air dam, for bracket to be installed correctly)
8. With the air dam notched, install support bracket. Insert the top 2 bolts (5 ½ in.) provided into the top 2 frame holes, this will sandwich the 2 T.G. brackets on either side of the frame. Hand tighten nuts for now. (if you tighten all the way, you will loose the play needed to install grille guard onto brackets)
9. Repeat on opposite side.
10. In the slot above the license plate, find the two nuts(may be covered by black rubber piece) remove the two nuts using a 15 mm socket or wrench now insert bracket through the slot above the license and install the bracket and put the factory nut back on. (SEE FIGURE 2)
11. Install grille guard by lining up brackets to the inside of grille guard frame (3-hole pattern), at the same time inserting tow hook extension bracket to new tow hook frames on the grille guard. When all hole are lined up, thread 3- 2in. Bolts provided per side. Then using a ½ in. bolt insert the bolt through the outside of the upright through the safety bracket and hand tighten. (SEE FIGURE 3)
12. Using 4in. Bolts provided, insert 1 into tow hook extension bracket thru back hole on new tow hook frame, thread bolt and nut.
13. Tighten all bolts to 70 lbs. of torque.
14. Reinstall tow hooks to new tow hook frames. Use bottom factory frame bolt removed when taking off tow hooks, insert that bolt thru front hole on new tow hook frame, the 2in. Bolt that was removed from the bottom most side of the frame when removing the tow hooks, now will be threaded back into the tow hook from the bottom side of the winch tray up thru the hole provided.
15. Install winch, according to winch manufacturers specs.(if installing a warn 16.5 winch, mount winch before installing grille guard to truck.)

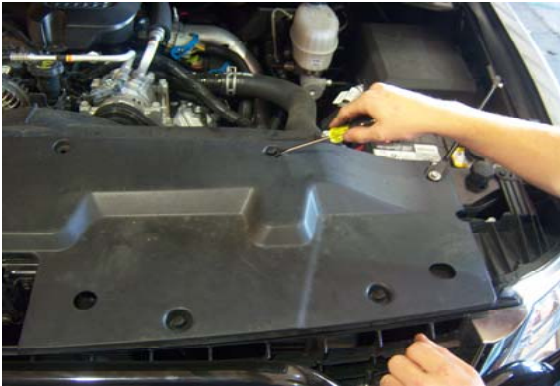


FIGURE 1



FIGURE 2



FIGURE 3



HARDWARE NEEDED: 12 - 1 ½ in. BOLTS 6 - 5 in. BOLTS
2 - 4 in. BOLTS 20 - PLANGE NUTS
20 - FLAT WASHER