



2005-2009 V6 Mustang Replacement Upper Grille CDC # 0511-2001-01 (Brushed) # 0511-2001-05 (Black)

Note: Read installation instructions before starting. Use threadlocker on all threads. This Grille WILL NOT accommodate the factory fog lights.



Kit Components:

- (1) Billet Grille
- (1) Pony Emblem (Optional)
- (14) Phillips-head Screws
- (14) U-Nuts/Clips
- (4) Clamp Brackets, 1-3/8"
- (4) U-Brackets
- (2) Long L-Brackets, 4-3/4"
- (2) Short L-Brackets

Tools Needed:

- Flat Screwdriver
- Phillips Screwdriver
- Masking Tape
- Angled Pick Tool
- Panel/Clip Removal Tool
- Thread Locking Compound
- Thread Locking Compound
- Electrical Tape (opt)
- Nylon Zip Ties (opt)
- 3/8" Socket and 1/4"-drive Ratchet, or 3/8" wrench (for optional Pony Emblem)

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Remove Upper Factory Grille:

1. Raise hood and prop open.
2. Use a flat head screwdriver or panel tool to lift the center pin for removal of the six plastic pushpins from plastic radiator cover. Remove cover and set aside.



3. Protect the fascia under the grille area with masking tape or by taping a soft blanket over the area.
4. Remove the factory Honeycomb grille that is held in by eight plastic clips that penetrate the front fascia. Use an angled pick tool and/or flat head screw driver.



Note:

Use an angled pick tool and/or flat head screw driver to lift the Tabs in the Fascia while pulling Grille toward you. Work your way around the Grille, one Tab at a time. You will need to unplug the fog lights before grille can be removed completely.

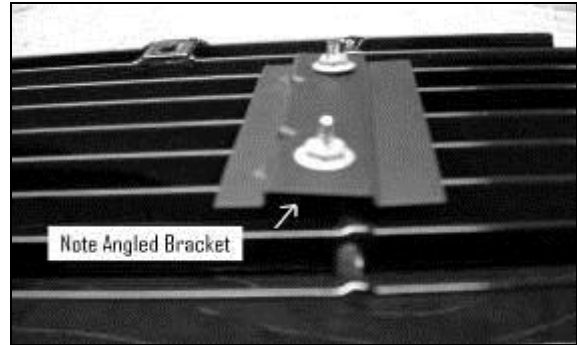
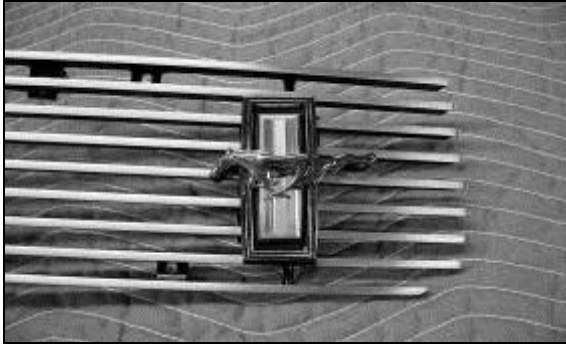
5. Secure factory fog light harnesses (if equipped) to inner fascia/grille area using electrical tape or nylon zip ties (not supplied). Do not allow harnesses to rest in contact with radiator. We advise that the Harness Connectors be wrapped in electrical tape to help protect from elements.

**If you DO NOT have the Optional Pony Emblem,
Proceed to Step #8**

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Installation of Pony Emblem to Billet Grille:

6. Place Billet Grille onto soft surface to prevent scratches.
7. Determine suitable location for Pony Emblem (Emblem is intended for driver's side of grille due to angled bracket) and mount by placing metal bracket over the emblem's two mounting studs that protrude through the grille, secure with two sheet metal nuts (provided with emblem).



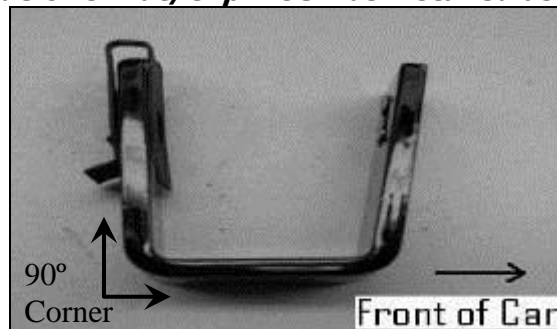
Notes:

- Do not fully tighten the nuts, so correct "visual" angle can be attained after the grille has been installed onto vehicle.
- **Caution! DO NOT OVERTIGHTEN NUTS! Studs and/or Nuts can be stripped!**
- It may be necessary to squeeze the studs together for them to pass between the bars.

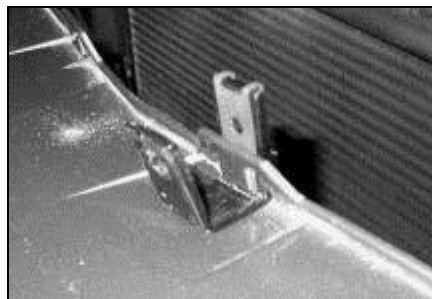
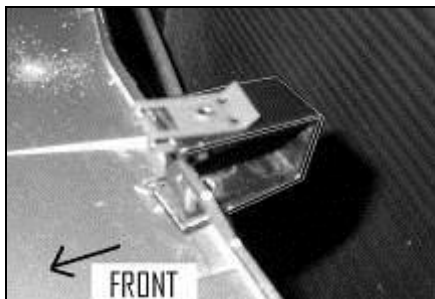
Installation of Grille Hardware and Grille:

8. Place four *U Nut/Clips* onto the 90-degree sides of the four *U-Brackets*.

Important! Screw Hole Side of *U-Nut/Clip* MUST be installed as shown below.



9. Install the four *U-Bracket & Clip Assemblies* to fascia through the existing four slots that secure the lower edge of the factory grille. From the backside of the slots, feed *U-Bracket Assembly* (starting with leg that does not have the *U-Nut*) through each slot as shown below.



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10. Install a *Clamp Bracket* onto each of the *U-Brackets* and Secure with a Phillips Head screw (supplied) as shown above in Step 9, use thread locker on screws.

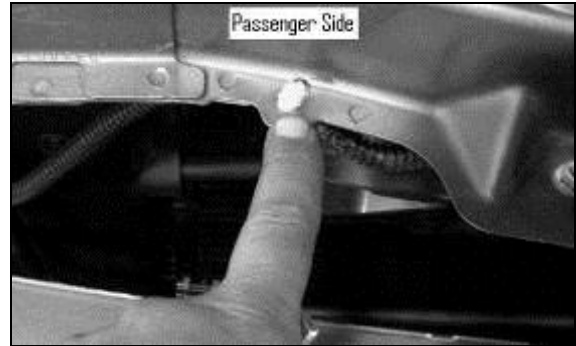
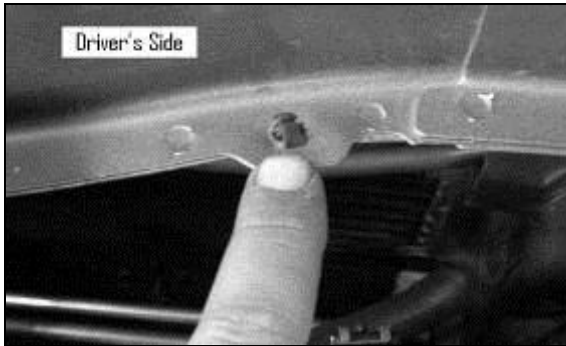
Note:

The inside of the bend faces towards the rear of the car. The fascia's tabs will be pinched between the *Clamp Bracket* and the *U-Bracket*.

11. Install a *U-Nut/Clip* onto each **front** "leg" of the four *U-Brackets* installed in step 9.

Important! Screw Hole Side of *U-Nut/Clip* MUST be installed on the radiator side of "leg".

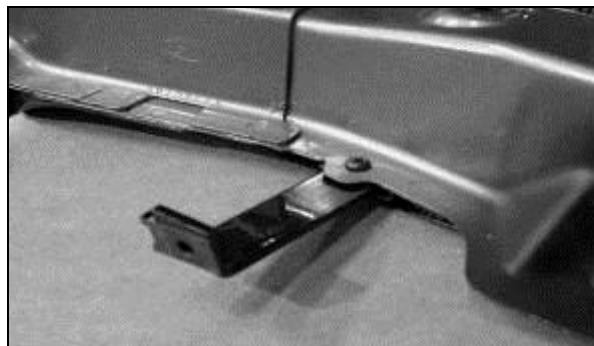
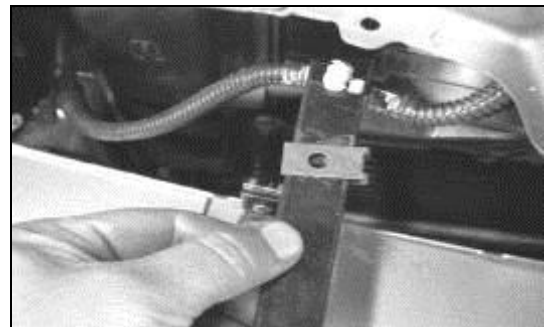
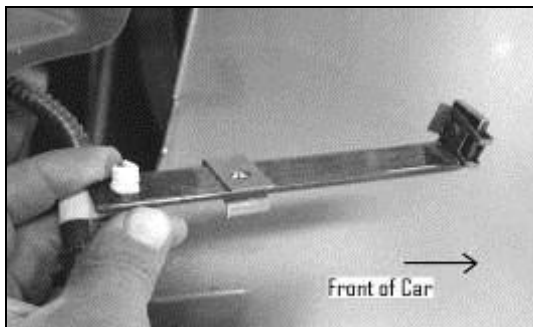
12. Along the front of radiator support there are two fasteners that secure a wire harness (on passenger side) and the hood release cable (on driver side). Carefully remove fasteners from radiator support; do not damage as they will be reused. The holes that remain will be used for mounting the two *Long L-Brackets*.



13. Install two *U-Nut/Clips* onto each *Long L-Bracket*, as shown in the pictures below. On the long side of the *L-Bracket*, the screw hole side of the clip will face downward. The screw hole side of the other clip will face towards the radiator on the short, upward leg of the *L Bracket*.

14. Install the previously removed fasteners (Step #12) into the ends of the *L-Brackets* as shown.

Important! Screw Hole Side of *U-Nut/Clips* MUST be installed as shown below.

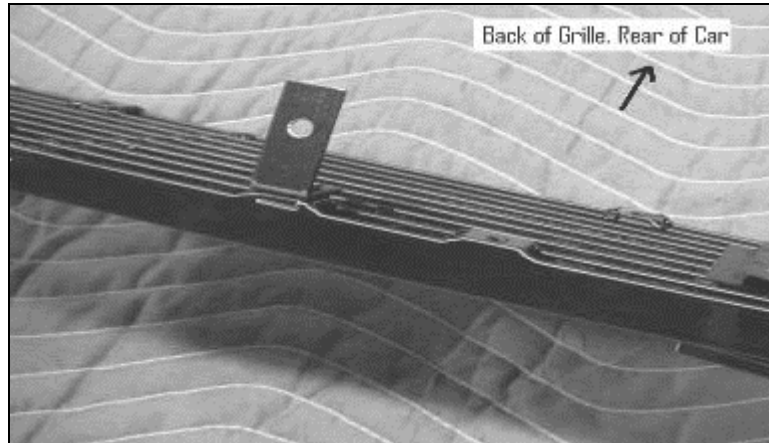


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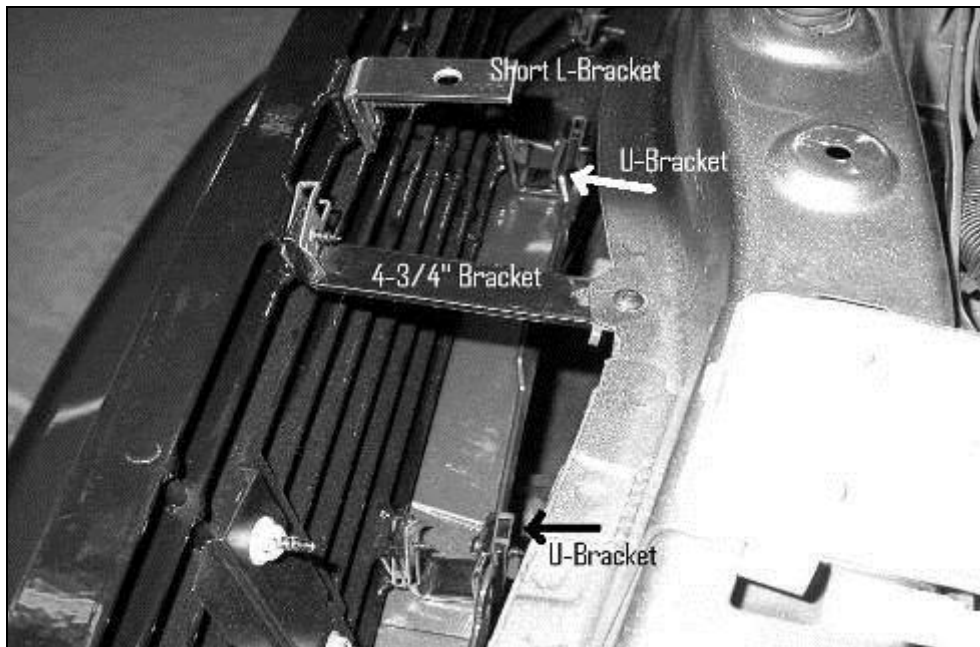
15. Install one *U-Nut/Clip* onto both *Short L Brackets*, on the side of the L Bracket that has the slotted hole. Face the threaded side of the clip towards the inside of the "L".

Important! Screw Hole Side of *U-Nut/Clip* **MUST** be installed on rear-facing side of leg (see picture in Step #17, below).

16. Fasten *Short L Brackets* to the Grille using Phillips Screws (supplied) through the center two upper mount tabs in the Grille and into the *U-Nut/Clips* (use thread locker). These two *Short L-Brackets* will support the plastic radiator cover removed in Step# 2.

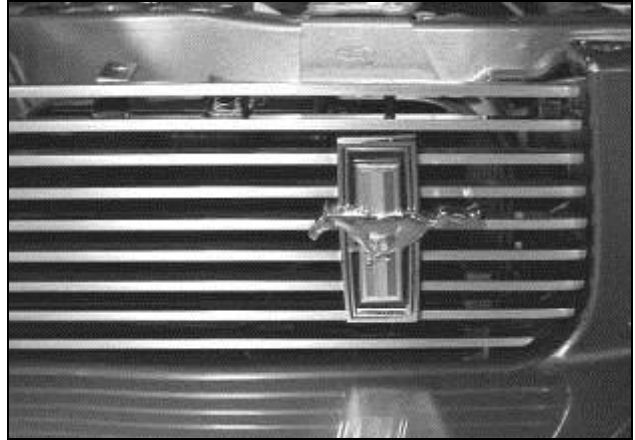
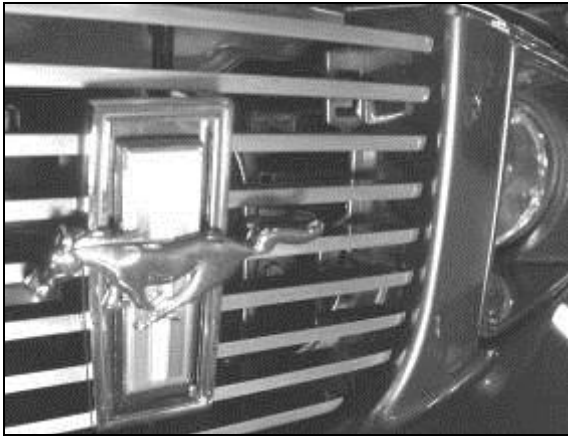


17. Place Billet Grille onto fascia and start all six mounting screws through Grille Mount Tabs into brackets, use thread locker on all screws. Just snug screws at this time.



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18. Adjust grille in fascia opening until desired location is achieved.
 - Should be nearly parallel with front of fascia uprights (between headlights and grille).
 - Grille should be positioned slightly above the horizontal surface of the fascia.



19. Tighten all mounting screws at this time.
Caution! DO NOT OVERTIGHTEN SCREWS!
20. If equipped, determine final position of the Optional Pony Emblem and tighten nuts.
Caution! DO NOT OVERTIGHTEN.
21. Close hood and verify fit and clearance gaps around Grille. Adjust if necessary.
22. Install Factory Radiator cover, removed in step #2, using the factory fasteners.
23. Close hood and enjoy your new CDC Grille!

Thank you for choosing Classic Design Concepts for your restyling needs. If you have any questions or concerns regarding installation please contact Tech@classicdesignconcepts.com or call 866-624-7997