

ROUSH

THE ART OF PERFORMANCE ENGINEERING

Ford Mustang Billet Grille Kit Part #R03010117

Application: 2005 - 2009 Ford Mustang

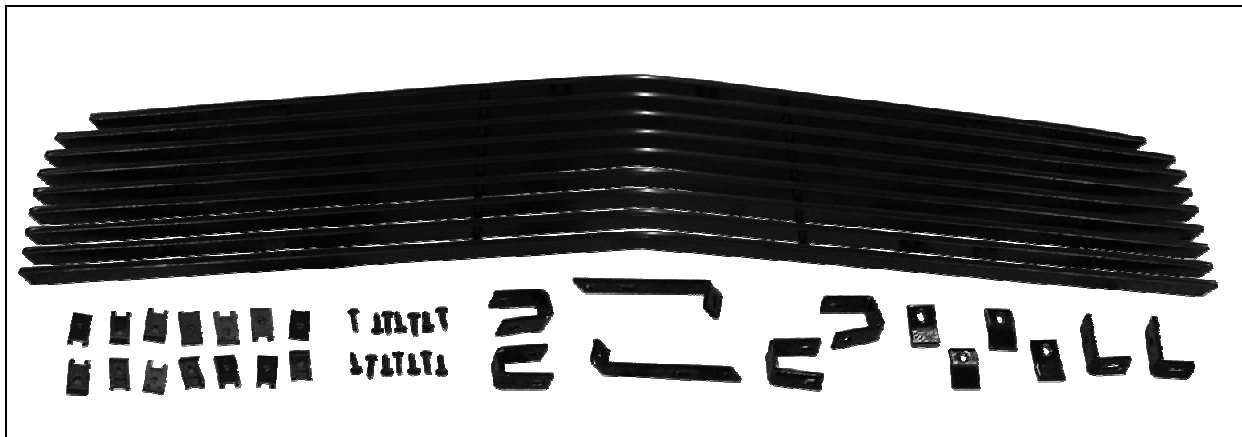
Installation Instructions



Before installing your ROUSH Performance Product(s), read through the entire installation procedure and check to make sure all items are present. Contact ROUSH Customer Service at 1-800-59-ROUSH, 9:00 AM to 5:00 PM weekdays, for any questions regarding fit or instructions that are unclear to you.

Packing List for ROUSH Billet Grille Kit

Description	RPP Part Number	Qty.
High Flow Grille Kit	R03010117	1
Billet Grille		1
Phillips-head Screws		14
U-Nuts/Clips		14
Clamp Brackets, 1-3/8"		4
U-Brackets		4
Long L-Brackets, 4-3/4"		2
Short L-Brackets		2
Installation Instructions	R03010138	1



Tools Needed:

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

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. ROUSH Performance Products (RPP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

SAFETY REQUIREMENTS

STOP! READ IMPORTANT SAFETY CAUTIONS AND WARNINGS BEFORE PROCEEDING.

IMPORTANT SAFETY NOTICE

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the actual installation.

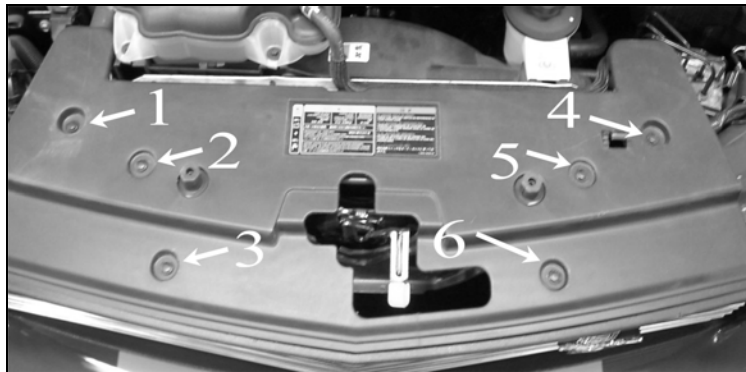
1. Always wear safety glasses for eye protection.
2. Place ignition switch in the OFF position.
3. Always apply the parking brake when working on a vehicle.
4. Block the front and rear tire surface to prevent unexpected vehicle movement.
5. If working without a lift, always consult vehicle manual for correct lifting specifications.
6. Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
7. Do not smoke or use flammable items near or around the fuel system.
8. Use chemicals and cleaners in well-ventilated areas.
9. Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
10. Keep hands and any other objects away from the radiator fan blades.
11. Keep yourself and your clothing away from moving parts when the engine is running.
12. Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
13. Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

WORK SAFELY!

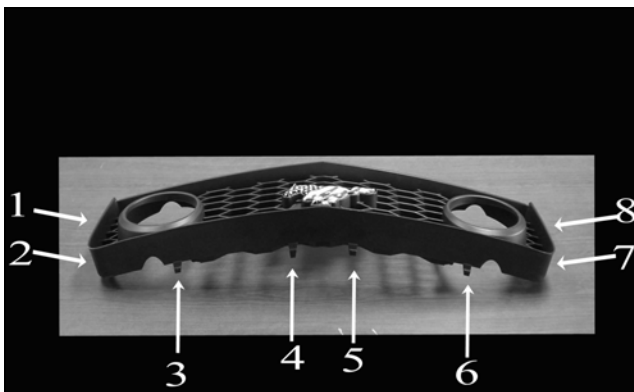
Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

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:

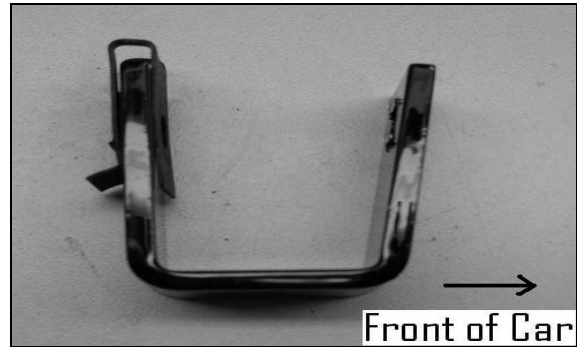
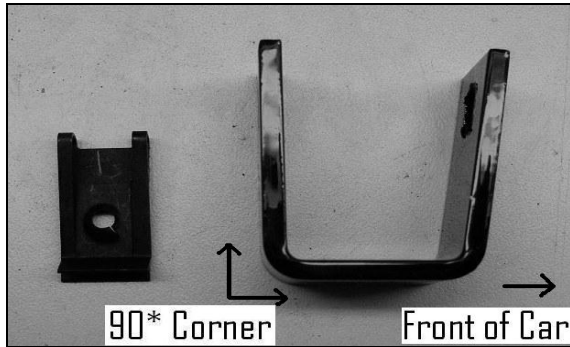
Use an angled pick tool and/or flat head screw driver to lift the Tabs in the Fascia while pulling Grille toward you. Work your way around the Grille, one Tab at a time. You will need to unplug the fog lights before grille can be removed completely.

5. Secure factory fog light harnesses 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.

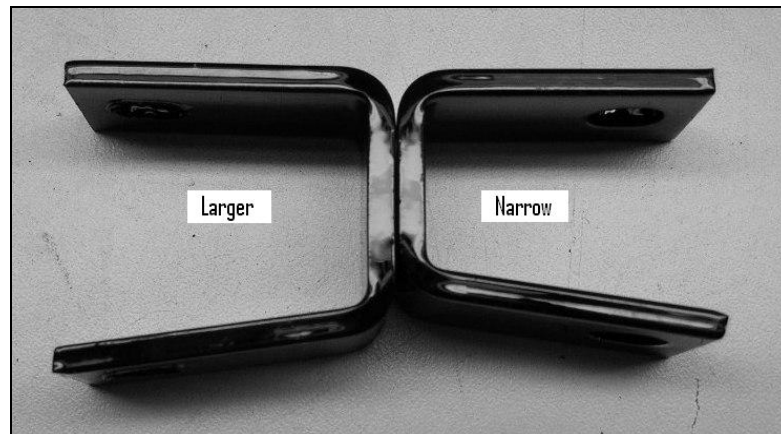
Installation of Grille Hardware and Grille:

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

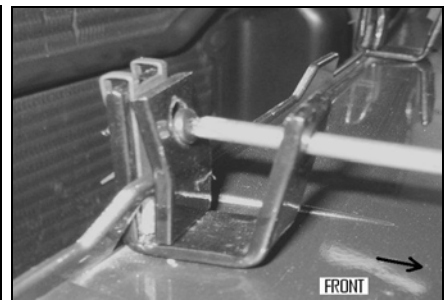
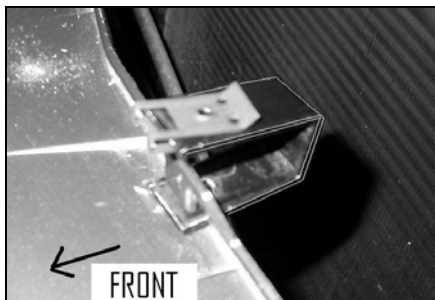
Important! Screw Hole Side of *U-Nut/Clip* MUST be installed as shown below.



Note: Kit contains 2 different sizes of *U-Brackets*; two **narrow** and two **wide**. The **narrow** *U-Brackets* are to be installed in the **outermost** tabs of the fascia. The **wide** *U-Brackets* are to be installed in the **innermost** fascia tabs.



7. 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.



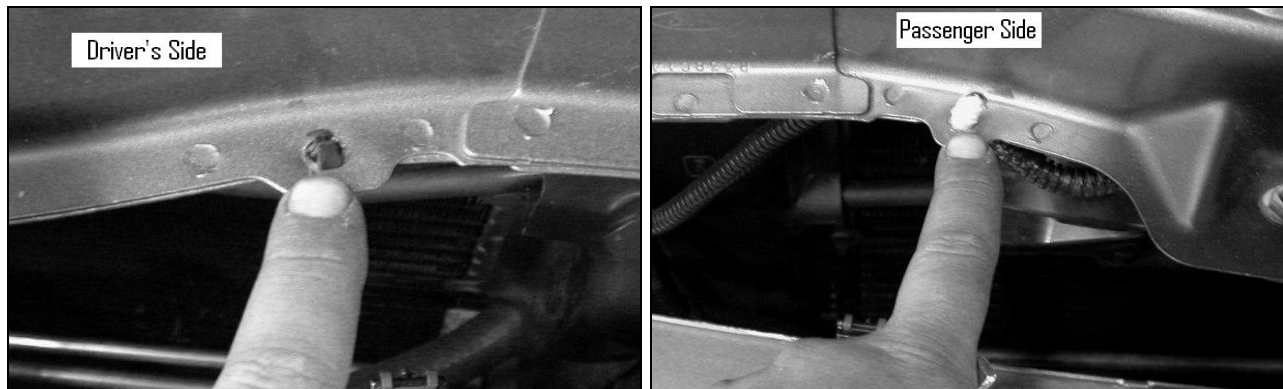
8. Install a *Clamp Bracket* onto each of the *U-Brackets* and Secure with a Phillips Head screw (supplied) as shown above, use thread locker on screws.

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*.

9. 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".

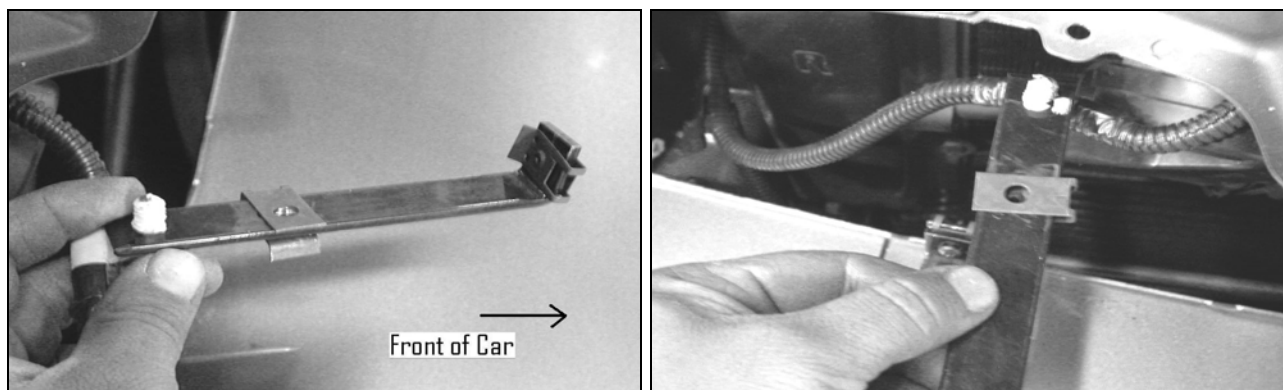
10. Along the front of radiator support there are two fasteners that secure a wire harness (on passenger side) and the hood release cable (on driver side). Carefully remove fasteners from radiator support; do not damage as they will be reused. The holes that remain will be used for mounting the two *Long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



11. 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, up leg of the *L Bracket*.

12. Install the previously removed fasteners (Step #10) 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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13. Install both *Long L-Brackets* to radiator support by threading Phillips head screws (supplied) through radiator support (at previously vacated fastener holes) into *L Bracket* at the *U-Nut/Clip*, use thread locker. The short end of the *L Bracket* should face upward. Do not fully tighten screws at this time.



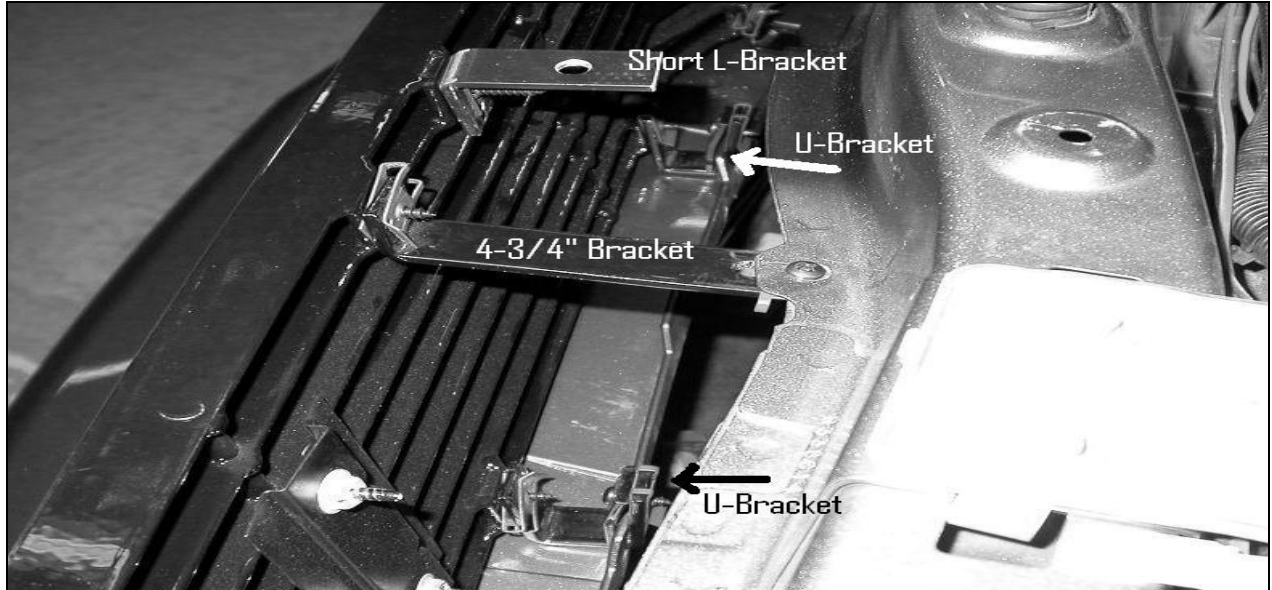
14. Install one *U-Nut/Clip* onto both *Short L Brackets*, on the side of the L Bracket that has the slotted hole. Face the threaded side of the clip towards the inside of the "L".

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

15. 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.



16. 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.



17. Adjust grille in fascia opening until desired location is achieved.

- Grille 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.

18. Tighten all mounting screws at this time.

Caution! DO NOT OVERTIGHTEN SCREWS!

19. Close hood and verify fit and clearance gaps around Grille. Adjust if necessary.

20. Install Factory Radiator cover, removed in step #2, using the factory fasteners.

Congratulations!!! You have completed the installation of the ROUSH Performance Products, Billet Grille Kit. It is recommended that you save all parts removed from your vehicle during the installation of this kit.



WARRANTY

All retail parts carry a 90-day warranty from the date of purchase. This warranty covers defects in materials or workmanship, and does not include (i) normal wear and tear, environmental conditions, improper installation; (ii) road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle; (iii) misusing the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source; (iv) altering, disassembling or modifying the parts; (v) defects caused or induced by failures, breakdowns, or damage by other parts, components or the vehicle; (vi) subjecting the parts to excessive moisture or water or any motor vehicle fluids (e.g.: oil, anti-freeze, battery acid, brake fluid, etc.); (vii) acts of God, natural disasters and other similar causes beyond the reasonable control of ROUSH; or (viii) application of chemicals that affect the parts. This Limited Warranty does not cover surface deterioration of paint, trim, and appearance items that result from use and/or exposure to the elements, such as stone chips, scratches, bird droppings, lightning, hail, windstorm, dings, dents, earthquake, road salt, tree sap, water or flood.

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