

How to Install a Billet Grille for a 2005-2009 Mustang V6



The below installation instructions work for the following products:

- [Polished Mustang Billet Grille \(05-09 V6\)](#)
- [Black Mustang Billet Grille \(05-09 V6\)](#)
- [Polished Retro Mustang Billet Grille \(05-09 V6\)](#)

Here at American Muscle, we're all about DIY (do it yourself). Of course, there's nothing wrong with seeking out a little bit of tech help prior to taking on an installation on your own. Our Mustang installation guides will provide valuable instructions and hopefully answer any how-to questions that you may have along the way.

Preparation

Please read through the instructions from start to finish before starting this project. An extra pair of hands may be useful.

Tools needed:

- Small Socket and Wrench Set
- Small Flathead Screwdriver
- Needle Nose Pliers
- Drill & 3/16" Fiberglass bit

Optional Tools

- Droplight or Other Portable Lighting Source

Installation:

1. Use the small flat screwdriver to remove the plastic push-in fasteners (clips) that hold the plastic radiator shroud in place. To remove the clips, insert the screwdriver in the flattened area of the clip and firmly but gently push straight up.
- 2.



2. Remove the shroud to gain access to the back of the factory grille.



(Optional) If you have a new grille without a pony cutout, you may not want to remove your factory pony or paint it a flat black to prevent it from showing through your new billet grille. Note that this is not necessary for installation.

To do this, remove your factory grille. Begin by releasing the 2 screws on top. Remove the factory honeycomb by releasing the clips holding it in place. Finally, to remove the pony from the grille, use a flathead to pry loose the retaining clips at the back of the pony emblem.

Finally, to remove the pony from the grille, use a flathead to pry loose the retaining clips at the back of the pony emblem. If they don't release easily, you may also use a pair of pliers to twist off the retainer clips on the back of the pony emblem (they should break off by twisting and pulling at the same time.) Once the pony is removed, reinstall the black factory honeycomb.

3. Place the billet grille over the factory grille and secure with provided hardware. Check to make sure it is centered and ask an assistant to hold it in place while you fasten the hardware.
4. Wrap the J-hook around the factory honeycomb grille. (See image below for direction of J-hook). Tighten the bolt until it sits firmly against the factory grille the other side may have to be held with the Philips screwdriver.



5. Repeat for other J-Hook.
6. Fasten the lower screws using the supplied hardware & brackets.
7. Re-install the [radiator](#) shroud using the clips you removed in Step 1.
8. Congratulations, you are finished. Enjoy your new billet grille from Stack Racing.



Installation Instructions for 05-09 Mustang Lower Billet Grille

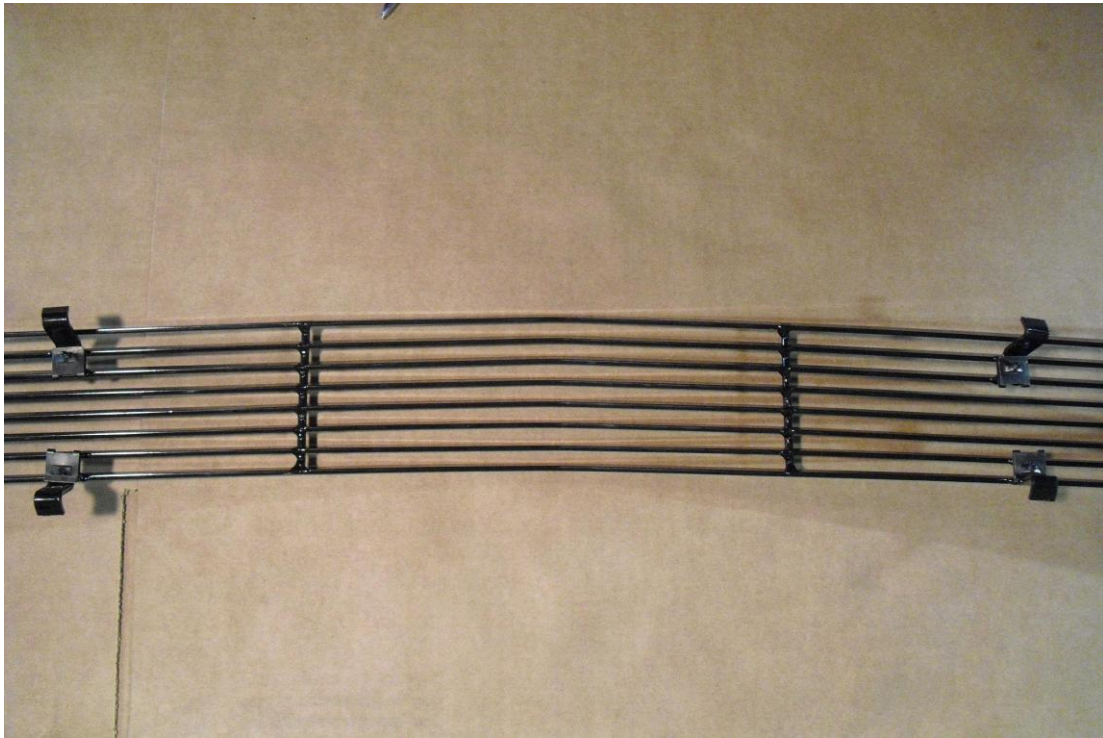
1. Safely raise the front end of the car to gain access to the plastic drip pan located behind the front bumper. Remove the seven 5.5 mm screws securing the pan and remove it from the vehicle.



2. Place the four included U-Clips over the four included J-Hooks as shown.

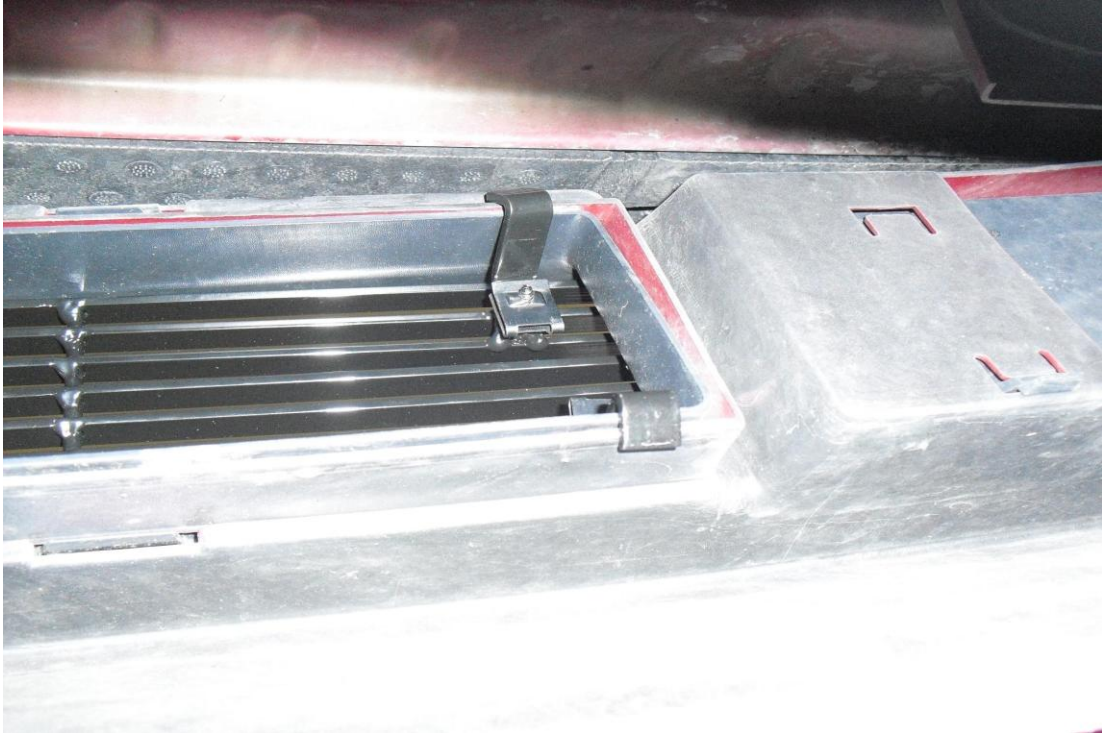


3. Pre-thread the hardware on the grille using the four U-Clip / J-Hook assemblies from Step 3 and the four included sheet metal screws. Do not fully tighten the screws, only thread them in 3-4 turns.



4. Place the billet grille over the factory grille. From underneath the car, adjust the J-Hooks to wrap around the factory plastic grille as shown.





5. Once all of the hooks are secured around the factory bumper, use a Phillips head screwdriver to tighten the screws from the front of the vehicle.



6. After making sure grille is properly aligned and secured, re-install the factory drip pan that was removed in Step1 to complete the installation.