

# Aggressive Style Chin Spoiler - Unpainted (05-09 V6)



This article will show you how to install your new Aggressive Chin Spoiler as well as how to paint it to match your black Side Skirts.

For those of you who are going to have your chin spoiler professionally painted, follow Stage 1 (Fitment) and Stage 4 (Installation).

Stages 2 & 3 outline the steps for prepping and painting the Chin Spoiler.

**Project Time:** 1-4 days (installation can be done in about 30 minutes, up to four days for paint and prep)

## **Tools Required:**

- 7/16" Open-end Wrench
- 7/16" Socket
- 3/8" Ratchet
- 1/4" Drill Bit and Drill
- (3) Spring Clamps
- Floor Jack
- (2) Jack Stands

## **Materials Used:** (approx \$50)

- (2) 12oz spray cans of DupliColor Sandable Primer (black)
- 15oz spray cans of SEM 39143 Trim Black Paint (matches V6 Side Skirts the best)
- 3M P400 wet/dry automotive sandpaper
- 3M P800 wet/dry automotive sandpaper
- (3) packs DupliColor Prep Wipes (or a bottle of rubbing alcohol)
- Tack Cloth
- Package of nitrile or latex gloves
- Particulate face mask



## Installation Tips:

- You should be able to purchase all the supplies you need at your local automotive and hardware stores.
- Make sure you wear the latex/nitrile gloves the whole time you are working with the spoiler so that you don't contaminate it with oils from your hands and fingers.
- Make sure you have the space to work with when spraying the primer and paint. I did mine outside in the daylight on very calm warm days (70-80 degrees).
- Wear a face mask when sanding and painting your chin spoiler.
- Preparation is the key to success – be patient and take your time.

## Stage 1: (Fitting)

1. Park the car on a level surface and engage the parking brake.
2. Remove the factory chin strap from the front bumper; it is held on with eight pop rivets. Use a screw driver to start to back them out, then they should just pop out. (You shouldn't have to jack up the car to do this.)



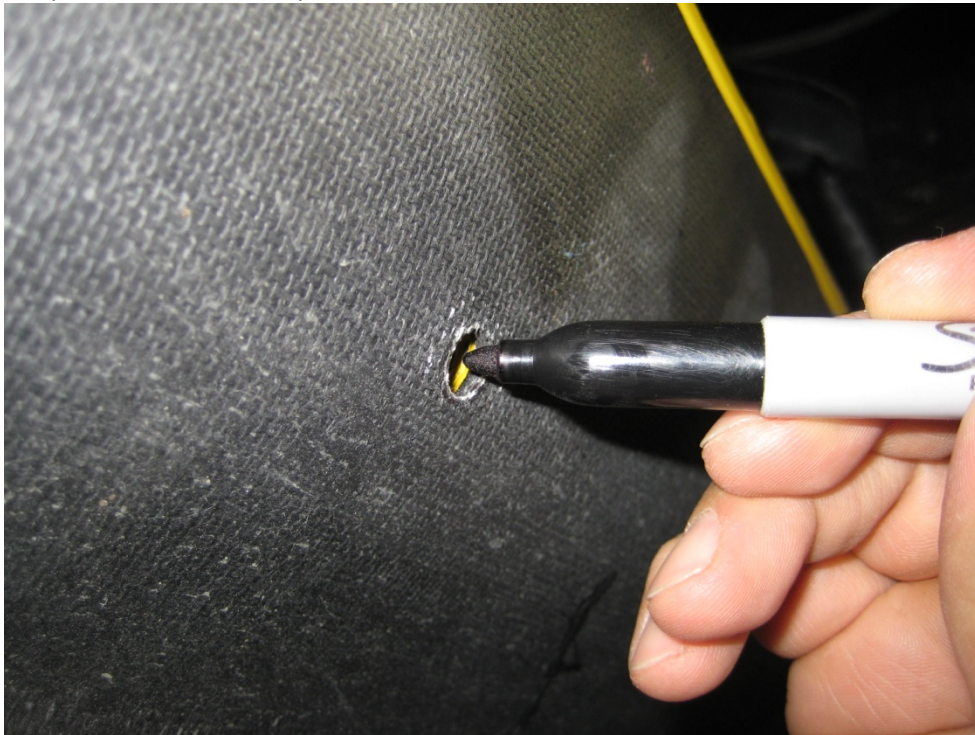
3. Clean the front bumper with soap and water and dry with a towel.
4. Position the new chin spoiler up to the front bumper and clamp it with the three spring clamps. Position one clamp at each end of the spoiler and the third one in the middle.

**TIP:** DO NOT try to position the spoiler with the car jacked up; this will make the spoiler sit uneven on the bumper.





5. Take your time positioning the spoiler on the bumper. Once you get it where you want it, mark the mounting holes on the bumper with a black sharpie marker.



6. Remove the clamps and the chin spoiler from the bumper
7. Carefully jack up the front of the car using the floor jack and position it on your jack stands. This will give you room to use the drill on the front bumper.
8. Place the  $\frac{1}{4}$ " bit in your drill and drill out the mounting holes in the bumper where you marked them with the black marker.



9. Remove the jack stands and lower the car back down.
10. Reposition the spoiler back on the bumper and clamp it in place with the spring clamps.
11. Check to ensure that the holes in the spoiler line up with the holes you drilled in the bumper.

12. Line up the bolt holes and install the nuts, bolts, and washers. I installed the bolts from the bottom (spoiler side) with one flat washer, then I installed a flat washer and lock washer over the bolt from the top (bumper side) and then installed the lock nut. Put your ratchet with the 7/16" socket on the nut and the open end wrench on the bolt head and tighten. Just make them snug - DO NOT OVER TIGHTEN or you'll crack the fiberglass spoiler!



13. Once you have the chin spoiler mounted to the bumper, take a look at it from all angles and ensure that it fits properly.
14. Once you're satisfied with the fit, you can remove the spoiler from the bumper and begin to prep it for paint or send it to your local body/paint shop to be painted.

## **Stage 2: (Prep & Prime)**

1. Wash the spoiler with soapy water. Dawn dish detergent works well.
2. Then dry it with a cotton towel and hair dryer (to speed up the drying) or let it air dry.
3. Use the P400 sandpaper and sand the entire surface of the spoiler. You don't have to press hard, just move the sandpaper across the surface with nice even strokes.
4. Once you have finished sanding, clean the spoiler with one of the prep wipes or some rubbing alcohol on a towel.
5. Dry the spoiler with a cotton towel then wipe it down with the tack cloth. The tack cloth will remove any lint and debris.
6. Set the Spoiler up on your jack stands on a nice level surface in an open area away from other objects (car, house, etc). This will give you a nice setup for priming the spoiler.





7. Take a can of the sandable primer and shake it well, then spray a light, even coat over the surface of the spoiler. Don't forget to spray the underside of the front lip.
8. Let it dry for 10-12 minutes.
9. You will want to give the spoiler about three or four coats of primer letting it dry 10-12 minutes between coats.
10. After the last coat of primer is applied, let it dry for 24 hours. I moved my spoiler and jack stands into my garage to dry overnight.
11. The next day, sand the entire spoiler with the P800 sandpaper. This will help to smooth out those scuffs and scratches. Again, you don't have to press hard, just move the sand paper across the surface with nice even strokes.
12. Once you have finished sanding with the P800 sandpaper, clean the spoiler with one of the prep wipes or some rubbing alcohol on a towel.
13. Dry the spoiler with a cotton towel then wipe it down with the tack cloth. The tack cloth will remove any lint and debris.
14. If you can still see scratches or scuffs, repeat Steps 6-13 until they are gone. I primed mine a second time and let it dry over night.

### **Stage 3: (Paint)**

1. Make sure that you have cleaned the spoiler with a prep wipe or alcohol, dried it, and wiped it down with a tack cloth.
2. Set the Spoiler up on your jack stands on a nice level surface in an open area away from other objects (car, house, etc).



3. Take your can of SEM Trim Black and shake it well, then spray an even coat over the surface of the spoiler. Don't forget to spray the underside of the front lip. Use a sweeping motion and apply an even coat.
4. Let it dry for 10-12 minutes.
5. You will want to give the spoiler about three or four coats of Trim Paint. Let it dry 10-12 minutes between coats.
6. After the last coat of paint is applied, let it dry for 24 hours. I moved my spoiler and jack stands into my garage to dry overnight.

#### **Stage 4: (Installation)**

1. Inspect the chin spoiler to ensure that the paint is even and dry and to your liking. If you prepped and painted the spoiler yourself, repeat any previous steps until you are satisfied with the results. If it looks good, then you're ready to install.
2. Wash and clean the front bumper of your Mustang and dry it with a towel.
3. This might be a good time to wax the bumper too. I used a three step process with a Cleaner, Polish, and Wax on the bumper before I installed the spoiler.
4. Position the chin spoiler on the bumper and clamp it to the bumper with the spring clamps as you've done before.



5. Line up the bolt holes and install the nuts, bolts, and washers. I installed the bolts from the bottom (spoiler side) with one flat washer, then I installed a flat washer and lock washer over the bolt from the top (bumper side) and then installed the lock nut. Put your ratchet with the 7/16" socket on the nut and the open end wrench on the bolt head and tighten. Just make them snug - DO NOT OVER TIGHTEN or you'll crack the fiberglass spoiler!

**Bottom - Spoiler Side**



**Top - Bumper Side**



6. Start with the middle bolts first and worked your way out to the edges.
7. Remove the clamps and step back and admire your new Aggressive Chin Spoiler!



I am very pleased with the way mine turned out. I hope that this article helps yours turn out just as nice!



Installation Instructions provided by AmericanMuscle Customer John Drake 11.6.2012