



How to use an Aerosol Can

Tech Tips

How to use an Aerosol Can



General Definitions

Base Color (Basecoat): A color coat requiring a clear coat. Base Color provides color and appearance, while the clear coat provides gloss as well as UV protection and chemical resistance.

Base Color is also referred to as a “two stage” coating because you first apply Base Color, then secondly the Gloss Clear.

There are also “three stage” Base Colors consisting of a solid Base Color (stage 1), a metallic or pearl second Base Color (stage 2), and then finally Gloss Clear (stage 3).

Base Color can be matched to any OEM vehicle.





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Clear Gloss (Clearcoat): The clear, non-pigmented top coat that is applied over a Base Color (basecoat). Most late-model cars have factory-applied clear coat paints. Clear coat provides gloss and protection, increases paint durability, and provides resistance to harmful environmental effects.

Clear coats are available in gloss and matte finishes.

Clear Gloss is available in 1K and 2K:

- 1K requires no hardener.

- 2K requires a hardener. 2K has an activator button on the bottom of the aerosol can that you must press before use to release the hardener into the clear. 2K provides extra protection and durability.



1K Clear Gloss



2K Clear Gloss



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General Definitions

Gloss Color (single stage): A single stage system that combines the color and clear in one coating.

Gloss Color is available in 1K and 2K:

- 1K requires no hardener.

- 2K requires a hardener. 2K has an activator button on the bottom of the aerosol can that you must press before use to release the hardener into the clear. 2K provides extra protection and durability.

Gloss Color can be matched to any solid shade such as black, white, red, blue, yellow, orange, etc.



1K Gloss Color



2K Gloss Color

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General Definitions

Etch Primer: Etch Primers contain acid to help bond or etch the primer to bare metal substrates. Once an Etch Primer is applied to properly prepared bare metal (sanded, clean, free of rust and contaminants) the Etch Primer provides excellent adhesion to the substrate, and added corrosion resistance by preventing moisture from penetrating the bond between the Etch Primer and the metal surface.

Although Etch Primers are designed to bond well on metal surfaces, they also work well on aluminum, fiberglass and gel coat surfaces.

You can purchase 1K Etch Primer (pre reduced with Acid e.g. EP-AC12 pictured right) or 2K Etch Primer (Etch Primer and Acid Reducer sold separately and must be mixed together at time of use).





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General Definitions

Primer Filler (also referred to as a Primer Surfacer):
Primer Fillers contain solids such as talc and resins to provide extra filling properties to fill sand scratches, pinholes and other surface imperfections.

Primer Fillers sand very easy, and must be sanded before top coating with Base Color or Gloss Color.

Primer Filler is available in 1K and 2K:

- 1K requires no hardener.
- 2K requires a hardener. 2K has an activator button on the bottom of the aerosol can that you must press before use to release the hardener into the clear. 2K provides extra build and holdout.



1K Primer Filler



2K Primer Filler

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The following guidelines will help to make sure you are using your Paint Touch Up Aerosol Can correctly.

1. Clean Surface before applying Paint

- If vehicle is dirty, wash with soap & water. Dry thoroughly.
- After vehicle is clean, wipe the repair areas with Wax & Grease Remover to remove any silicone or other contaminants that may affect paint adhesion.



Soap & Water



WGR-PB4
Wax & Grease Remover



Clean Towels
KIM 33944

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2. Sand & Prep Repair Area

- Glossy surfaces should be dulled using a medium to fine grit sand paper. This will ensure proper adhesion of paint.
- Remove any rust that may have started on bare metal. The Prep Pen (Image 1) has an adjustable sanding tip to allow you to sand small bare metal spots, or rust spots.
- If you are down to bare metal, you should apply a Primer Filler (PF-AC12) or Etch Primer (EP-AC12) before applying Touch Up Paint. The Primer Filler and Etch Primer also work on plastic and fiberglass.
- Remember to shake the Aerosol Can (Etch Primer or Primer Filler) for about one minute until you hear the agitator rattle inside before using.



Prep Pen
EXL-3437



Image 1



Etch Primer
(EP-AC12)



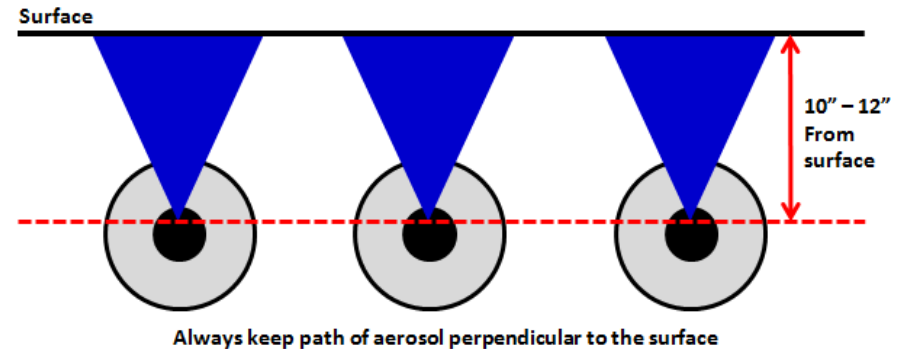
Primer Filler
Gray
(PF-AC12)

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3. Apply Touch Up Paint

- Remember to shake the Aerosol Can for about one minute until you hear the agitator rattle inside before using.
- Spray a test pattern 1st on a piece of cardboard. Check for color match and spray pattern.
- When spraying the vehicle, always hold the can upright, even with the surface (don't spray at an angle), with a distance of about 10" to 12".
- For best results, spray with even misting passes (don't spray heavy on 1st pass).
- Allow the paint to dry about 5 minutes between coats, and longer if temperature is cooler (< 60°F).
- Shake the can periodically between coats.
- If using Base Color, apply Clear Gloss after Base Color has dried completely.
- If using Gloss Color, apply all coats while paint is still wet. Do not apply additional coats of color once the paint begins to dry.
- When finished, recap the aerosol can and store upright in a moderately cool area.



Base Color



1K Gloss Clear



1K Gloss Color

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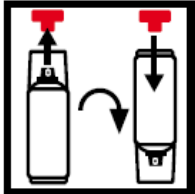


Other Useful Tips

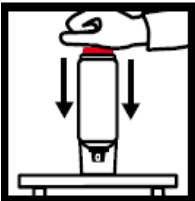
- For all 2K Aerosols (2K Primer Filler, 2K Gloss Clear, 2K Gloss Color) please use the diagram to the right and below to help activate the hardener inside the aerosol can.



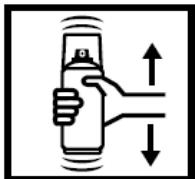
- Before activating, shake aerosol for 2 minutes vigorously.



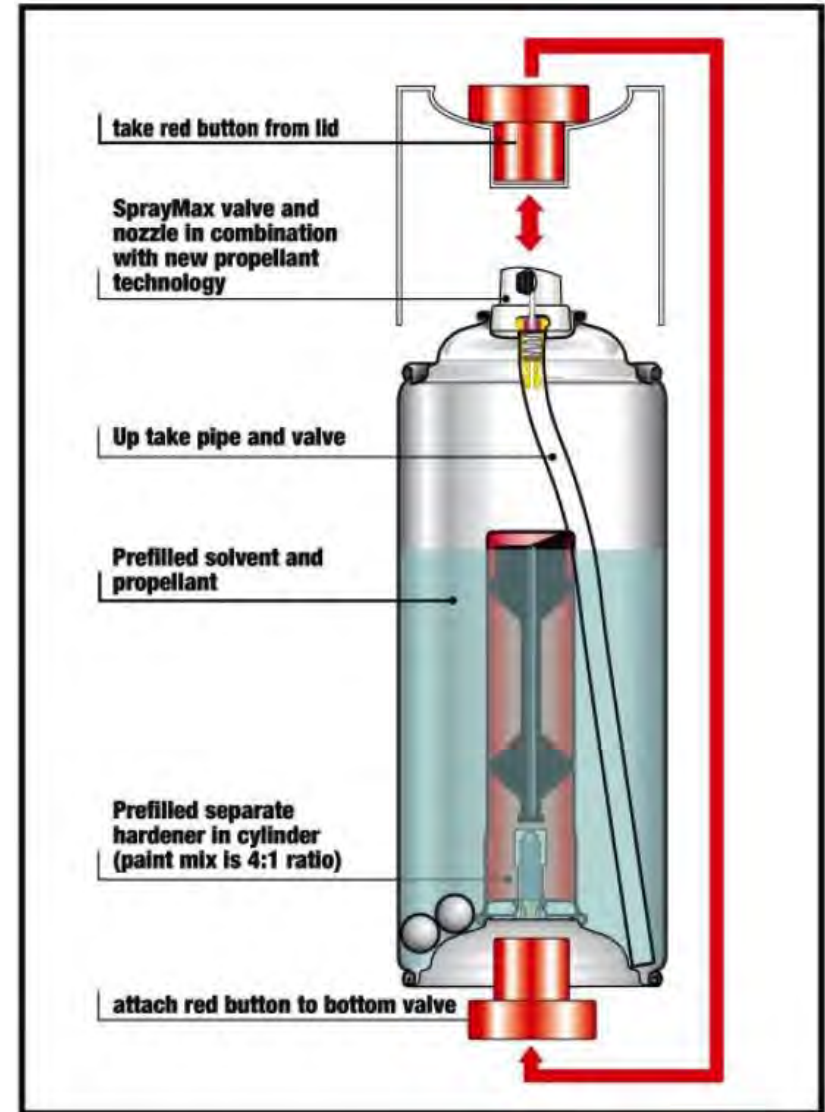
- Take red button from the cap. Turn Aerosol 180° and attach the red button to the pin on the Aerosol bottom.



- Place the Aerosol on a firm surface – upside down. Press the red button with the palm of your hand firmly until stop is reached.



- After activating, shake aerosol again for 2 minutes vigorously.



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Other Useful Tips

- The optimum painting conditions are temperatures between 65°F (18.3° C) and 85°F (29.4° C) and relatively low humidity (20% to 50%).
- When using an aerosol, mask off adjacent area to avoid having overspray land on adjacent surfaces.
- Do not paint in direct sunlight.
- Do not paint over fresh enamel (enamel paint that has not fully cured).
- Try to apply paint in low-wind conditions to avoid having dirt or debris land in wet paint.
- Always use appropriate personal protection (safety gloves, safety glasses, safety respirator).
- Allow paint to dry overnight before handling, or polishing.
- Always dispose of used paint products in compliance with local and federal regulations.

50°F 10° C (or below)	60°F 15.6° C	70°F 21.1° C	80°F 26.7° C	90°F 32.2° C	100°F 37.8° C (or above)
Do not recommend painting at 50°F or below (paint products will dry too slow, or not at all).					Do not recommend painting at 100°F or above (paint products will not too fast leaving a rough surface).

Optimal Painting Conditions
65°F - 85°F Temperature
20% - 50% Humidity





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Trouble Shooting

- Color Doesn't Match:
 - The paint in the Aerosol was not shaken enough (*The pigments inside the bottle must be mixed thoroughly to achieve the proper color and gloss*).
 - Please also see "Color Matching Challenges"
- Color Appears Flat or Hazy.
 - Humid conditions may exist. Use at room temperature (70°F) for best operation.
 - The surface may be too hot. Remove from direct sunlight or heat. Cool surface, then continue.
- Paint Appears Streaky
 - The thickness of the paint film is uneven.
 - Apply an additional coat of paint and try to get it as smooth and uniform as possible.
- Cannot Achieve Proper Gloss
 - Apply additional coats of paint or clear.
- Paint is too glossy
 - Apply thinner coats of paint.
- Paint Appears Saggy or has Runs
 - Too much paint was applied. Apply lighter coats.
 - The temperature of the paint or surface may be too low. Allow surface to warm to room temperature.

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Additional Information

- You can turn your Aerosol into a spray gun by attaching a Can Hand'ler onto the top of the spray can rim.
- Eliminates finger fatigue if spraying larger areas.
- Prevent accidental discharge with trigger lock.
- Easy to clean and reusable.



**Can Hand'ler
ARN 242**

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Additional Information

- If your Aerosol is not spraying properly, and you are not getting a nice pattern, or experiencing sputtering, try using SEM XXX 77743 to clean clogged spray tips (see example below).

			
<p>STEP 1</p>	<p>STEP 2</p>	<p>STEP 3</p>	<p>STEP 4</p>
<p>Remove the tip from the clogged aerosol can and 77743 XXX Gun Cleaner.</p>	<p>Gently attach the clogged tip on 77743 XXX Gun Cleaner.</p>	<p>Spray 77743 through the clogged tip for a few seconds.</p>	<p>Gently twist tips back on the original cans.</p>



**Gun Cleaner
SEM 77743**



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Please email any questions that you may have to
info@touchupzone.com