

1980 Corvette: Service Bulletin: Enamel Paint Pilot Program

Subject: Enamel Paint Pilot Program

Model and Year: 1980 Corvette

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TO: ALL CHEVROLET DEALERS

In anticipation of the 1981 1/2 model year plant start-up at GMAD Bowling Green in June, 1981, a paint pilot program has been initiated at St. Louis to evaluate production application of each color released.

All pilot vehicles (approximately 80), as well as all future Bowling Green vehicles, will be finished with a two-tone acrylic enamel, as show on the following chart (St. Louis regular production will remain lacquer):

UPPER

<u>Color</u>	<u>G.M. Code</u>	<u>Fisher Code</u>
Autumn Red Met	E80	WAEA 7411
Silver Met	E33	WAEA 7410
Silver Met	E33	WAEA 7410
Beige	E50	WAEA 7498

LOWER

<u>Color</u>	<u>G.M. Code</u>	<u>Fisher Code</u>
Dark Claret Met	E98	WAEA 7421
Dark Blue Met	E38	WAEA 7496
Charcoal Met	E39	WAEA 7420
Dark Bronze	E74	WAEA 7412

These special "E" paint codes will be stamped on the body I.D. plate.

This acrylic enamel color topcoat is a thermosetting material used to provide a durable, attractive, lustrous finish over the exterior surfaces of the vehicle. In addition, all metallic colors will have a "clear coat" applied to them which will provide the most lustrous and damage resistant finish available in the automotive industry. The front and rear bumper covers, or facias, will also be base coat/clear coat but will be a type of flexible paint as is currently used.

The base coat/clear coat system can be repaired with materials such as Dupont 380S, Ditzler DCA 468, or equivalent. Refinish colors may not be available until 1981. Contact the appropriate Zone Office to obtain color coat paint.

The repair should cover either the complete panel or to a feature line that provides an acceptable breakpoint. Spot repairing enamel with lacquer is not acceptable.

Recommended Procedure (Follow manufacturer's label directions for reduction, application, and drying time.)

1. Clean complete panel with paint finish cleaning solvent.

NOTE: If panel was previously incorrectly repaired with acrylic lacquer and loss of adhesion is evident, remove all lacquer with lacquer removing solvent prior to performing Step 1. Because the factory applied acrylic enamel is a thermosetting material, lacquer removing solvent will not soften original color topcoat.

2. Thoroughly scuff-sand with wet or dry #400 sandpaper and reclean.

IMPORTANT: To insure positive adhesion of acrylic lacquer to acrylic enamel, it is imperative that all areas (particularly adjacent to moldings, handles, etc.) be thoroughly scuff-sanded.

3. Apply adhesion promoting sealer to all surfaces at recommended film thickness.
4. Spray acrylic base coat (if metallic) and allow to flash. Then apply topcoat (clear if metallic) for proper appearance and color match.
5. Rub out and polish.

Chevrolet Motor Division
General Motors Corporation

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