

Spectral Paints Z-943(2)-MER-BC

Spectral Paints Mercedes-Benz 943 Eisblau Metallic Aerosol Touch-Up Spray Paint & Clear Instruction Manual

1. IMPORTANT SAFETY INFORMATION

Read all warnings and instructions carefully before use. Failure to follow these instructions may result in serious injury or property damage.

- **Hazards and Safety:** This product is VERY FLAMMABLE. Keep away from heat, sparks, and open flames.
- **Ventilation:** Use in a well-ventilated area. Avoid breathing vapors.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment, including gloves, eye protection, and a respirator.
- **Ingestion:** Do not ingest. If swallowed, call a physician IMMEDIATELY.
- **Children:** Keep out of reach of children.
- **Storage:** Do not store in direct sunlight or temperatures above 120°F (49°C).
- **Disposal:** Dispose of contents/container in accordance with local regulations.
- **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Warning:

Hazards and Safety-VERY
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4 Page Instrucion Manual

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Before You start:

Spray a test panel with base coat and clear coat first to compare color match and coverage. Make sure the color matches. If you are new to this search YouTube for videos for "aerosol auto touchup". Use at 65 degrees F or higher and 50% or less humidity.

Surface Preparation

Thoroughly clean the area to be repaired with dish soap and water. Dry completely. Use prep solvent and a clean lint free towel to assure the surface is free of wax, oil, and other surface contaminates. For better results do not apply paint in direct sunlight, high humidity, or where silicone waxes and tire dressings are present.

Basic Sanding

Sand out rust, scratches, or bad surface damage with 180-320 grit sandpaper. Primer will cover over the 180-320 grit sanded scratches. Use 600 wet sandpaper to sand the area you wish to paint. Wet sand the blend panel (area that might get painted and clear coated) with 1000-1500 grit wet sandpaper. Entire area to be painted should be dull and smooth.

For new plastic parts lightly scuff the area with a grey fine scuff pad. For new metal parts you may lightly use a (medium) scuff pad for top coating with solid colors or (fine) scuff pad for metallic and pearls.

Image: Excerpt from the included instruction manual detailing safety warnings and initial preparation steps.

2. PRODUCT OVERVIEW

This package includes the necessary components for touch-up paint application:

- Touch-Up Spray Paint (Mercedes-Benz 943 Eisblau Metallic)
- Clear Coat Spray
- Extra Nozzle

- Detailed Instructions (this manual)

FAN SPRAY COMFORT NOZZLE



Image: Spectral Paints Touch-Up Spray Paint and Clear Coat cans.

Image: Detail of the fan spray comfort nozzle for even application.



Image: Included spare nozzle for replacement if needed.

3. BEFORE YOU START

Proper preparation is crucial for achieving optimal results. Follow these steps before beginning the paint application:

1. **Color Match Test:** Spray a test panel with both the base coat (touch-up spray paint) and clear coat first. This allows you to compare the color match and coverage against your vehicle's existing paint. Ensure the color matches satisfactorily before proceeding.
2. **Environmental Conditions:** For best results, apply paint at 65°F (18°C) or higher and in conditions with

50% or less humidity. Avoid painting in direct sunlight.

3. **Vehicle Color Code:** The color code for your Mercedes-Benz is usually found on the VIN sticker located on the driver's door jamb. Confirm this matches the product's color code (943 Eisblau Metallic).

4. SURFACE PREPARATION

A clean and properly prepared surface is essential for paint adhesion and a smooth finish.

1. **Cleaning:** Thoroughly clean the area to be repaired with dish soap and water. Rinse completely and dry the surface.
2. **Degreasing:** Use a prep solvent and a clean, lint-free towel to ensure the surface is free of wax, oil, and other surface contaminants.
3. **Environmental Avoidance:** Do not apply paint in direct sunlight, high humidity, or where silicone waxes and tire dressings are present, as these can negatively affect paint adhesion and finish.

Basic Sanding

Proper sanding creates a surface for the paint to adhere to and helps blend the repair area.

1. **Damage Removal:** Sand out rust, scratches, or other surface damage using 180-320 grit sandpaper. If using primer (not included in this specific package but recommended for deep damage), it will cover over these 180-320 grit sanded scratches.
2. **Refining the Area:** Use 600 wet sandpaper to further sand the area you intend to paint.
3. **Blending:** Wet sand the blend panel (the area that might get painted and clear coated) with 1000-1500 grit wet sandpaper. The entire area to be painted should appear dull and smooth.
4. **Plastic Parts:** For new plastic parts, lightly scuff the area with a grey fine scuff pad.
5. **Metal Parts:** For new metal parts, you may lightly use a medium scuff pad for top coating with solid colors, or a fine scuff pad for metallic and pearl finishes.

5. APPLICATION INSTRUCTIONS

Follow these steps carefully for applying the touch-up spray paint and clear coat.

Applying Touch-Up Spray Paint (Base Coat)

1. **Shake Can:** Shake the spray paint can vigorously for at least one minute after the mixing ball begins to rattle. Continue to shake periodically during application.
2. **Test Spray:** Always perform a test spray on a piece of cardboard or a hidden area to ensure proper spray pattern and color.
3. **Application Distance:** Hold the can approximately 8-12 inches (20-30 cm) from the surface.
4. **Light Coats:** Apply several thin, even coats rather than one heavy coat. Overlap each pass by about 50%.
5. **Drying Time:** Allow 5-10 minutes flash time between coats. The paint should appear dull before applying the next coat.
6. **Coverage:** Continue applying coats until the desired color match and coverage are achieved.

Applying Clear Coat

The clear coat provides protection and a glossy finish to the base coat.

1. **Base Coat Dry:** Ensure the base coat is completely dry to the touch (typically 30-60 minutes, depending on conditions) before applying clear coat.
2. **Shake Can:** Shake the clear coat can vigorously for at least one minute.
3. **Application:** Apply 2-3 medium wet coats of clear coat.
4. **Drying Time:** Allow 10-15 minutes flash time between clear coats.
5. **Final Dry:** Allow the clear coat to dry for at least 24 hours before handling or exposing to moisture. Full cure may take several days.

6. MAINTENANCE AND STORAGE

Proper care of your aerosol cans ensures their longevity and readiness for future use.

- **Nozzle Cleaning:** After each use, invert the can and spray until only clear propellant comes out. This prevents the nozzle from clogging. If a nozzle clogs, replace it with the included spare nozzle.
- **Storage:** Store cans upright in a cool, dry place away from direct sunlight, heat sources, and open flames. Ensure the storage temperature does not exceed 120°F (49°C).
- **Disposal:** Dispose of empty cans according to local regulations for aerosol products.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Uneven Spray Pattern:**
Possible Cause: Clogged nozzle or insufficient shaking.
Solution: Clean the nozzle by inverting the can and spraying until clear, or replace with the spare nozzle. Shake the can vigorously for at least one minute before use.
- **Poor Adhesion/Peeling:**
Possible Cause: Improper surface preparation (wax, oil, dirt, moisture) or painting in high humidity.
Solution: Ensure the surface is thoroughly cleaned and degreased. Avoid painting in high humidity.
- **Color Mismatch:**
Possible Cause: Incorrect color code or variations in paint application.
Solution: Always perform a test spray on a hidden area or test panel to confirm color match before applying to the vehicle. Ensure the correct color code was selected.
- **Runs or Sags:**
Possible Cause: Applying coats too heavily or holding the can too close to the surface.
Solution: Apply multiple thin, even coats. Maintain the recommended distance of 8-12 inches (20-30 cm) from the surface.

8. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Spectral Paints
Model Number	Z-943(2)-MER-BC
Color	Eisblau Metallic (Mercedes-Benz 943)

Style	Touch-Up Spray Paint & Clear
Size	24 Ounce (Pack of 1)
Item Form	Aerosol
Manufacturer	Spectral Paints

9. SUPPORT INFORMATION

For further assistance, questions, or concerns regarding your Spectral Paints product, please contact Spectral Paints directly.

Spectral Paints is a Registered Brand of Spectral Paints LLC.

You can visit the Spectral Paints store on Amazon for more information:[Spectral Paints Store](#)