

TOUCHUP KING Red P65

TOUCHUP KING 2K Engine Paint for Mitsubishi Red P65 User Manual

Professional-Grade High-Temperature Engine Paint

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective application of TOUCHUP KING 2K Engine Paint, Red P65. This product is a professional-grade, high-temperature resistant paint formulated with a 2K hardened system, offering exceptional durability, chemical resistance, and a superior finish for automotive engine components. It is specifically designed to withstand extreme heat without peeling, flaking, or discoloration.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before use. Failure to follow warnings and instructions may result in serious injury or property damage.

- **Ventilation:** Use in a well-ventilated area. Avoid breathing vapors. If working indoors, ensure adequate airflow and consider using a respirator.
- **Personal Protective Equipment (PPE):** Wear appropriate eye protection (safety glasses/goggles), gloves (nitrile or chemical-resistant), and protective clothing to prevent skin contact.
- **Flammability:** This product is highly flammable. Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke while using.
- **Storage:** Store in a cool, dry, well-ventilated place, away from direct sunlight and ignition sources. Keep out of reach of children and pets.
- **First Aid:** In case of eye contact, flush with water for several minutes. In case of skin contact, wash with soap and water. If inhaled, move to fresh air. Seek medical attention if irritation persists or if swallowed.
- **Disposal:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. SETUP AND SURFACE PREPARATION

Proper surface preparation is critical for optimal adhesion and durability of the paint. Ensure the component is clean, dry, and free of contaminants.

1. **Clean the Surface:** Thoroughly clean the component (e.g., engine block, valve cover, brake caliper) with a degreaser or automotive cleaner to remove all oil, grease, dirt, and loose debris. Rinse thoroughly and allow to dry completely.
2. **Remove Rust/Loose Paint:** If rust or old, flaking paint is present, remove it using a wire brush, sandpaper (e.g., 180-220 grit), or a grinding tool. The surface should be smooth and uniform.
3. **Sand the Surface:** Lightly sand the entire surface to be painted with fine-grit sandpaper (e.g., 320-400 grit). This creates a profile for better paint adhesion. Wipe away any sanding dust with a clean, lint-free cloth and a wax/grease remover.
4. **Masking:** Carefully mask off any areas not intended for painting, such as hoses, wires, sensors, or adjacent components, using automotive masking tape and paper/plastic sheeting.
5. **Priming (Optional but Recommended):** For best results, especially on bare metal or heavily prepped surfaces, apply a high-temperature primer compatible with 2K paints. Follow the primer manufacturer's instructions for application and drying times.

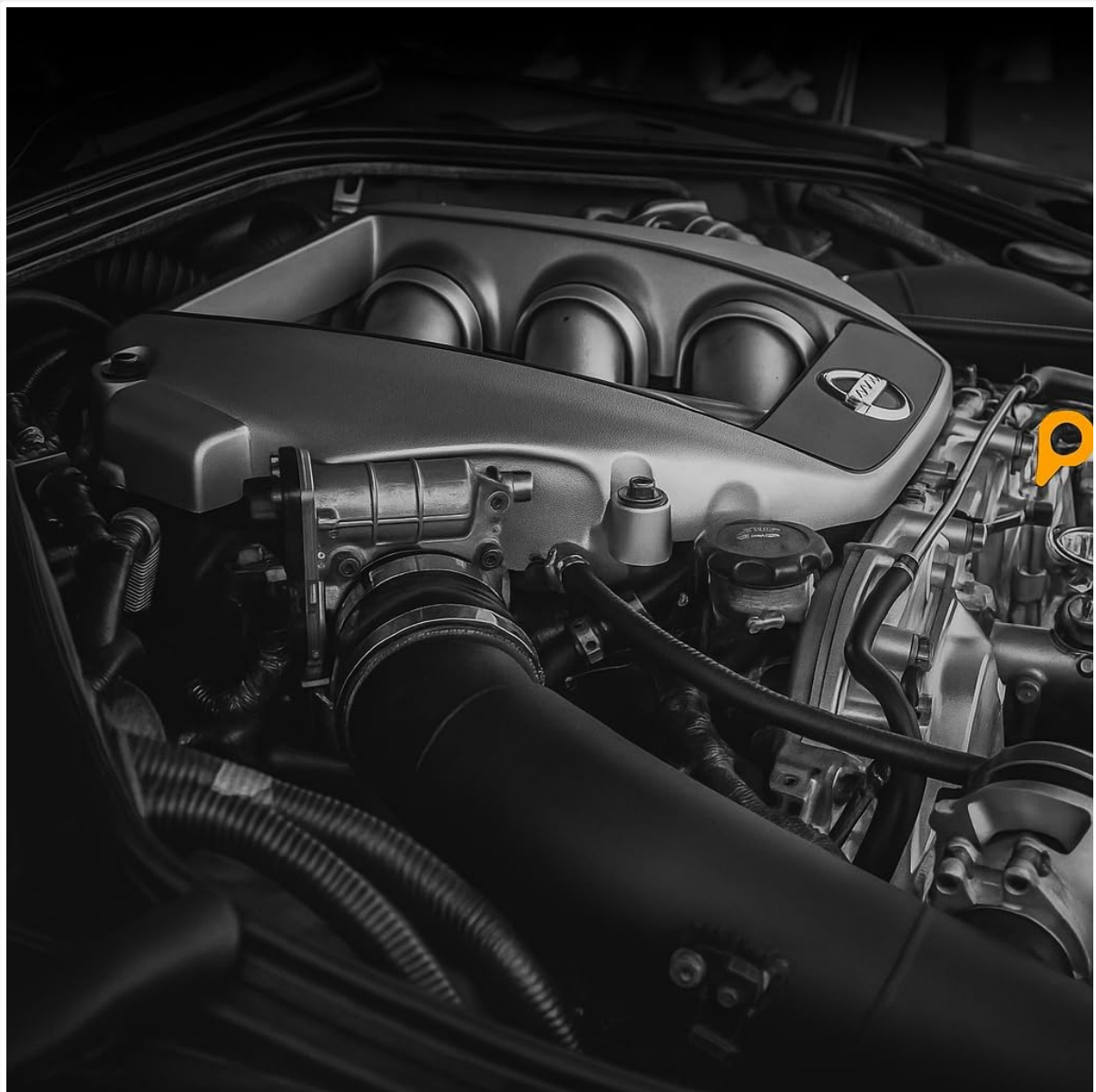


Image 1: An example of a clean engine bay, illustrating the type of automotive components suitable for painting with TOUCHUP KING 2K Engine Paint. Ensure all surfaces are free of contaminants before application.

4. OPERATING (APPLICATION INSTRUCTIONS)

Follow these steps for optimal application and a professional finish.

1. **Prepare the Can:** Shake the aerosol can vigorously for at least 2 minutes after the mixing ball begins to rattle. Continue shaking periodically during application.
2. **Test Spray:** Before applying to the actual component, perform a test spray on a piece of scrap material (e.g., cardboard) to check spray pattern and color consistency.
3. **Application Temperature:** Apply in a temperature range of 60-80°F (15-27°C) with low humidity. Avoid direct sunlight or extremely cold conditions.
4. **First Coat (Tack Coat):** Hold the can 8-10 inches (20-25 cm) from the surface. Apply a very light, even tack coat. This coat should be thin and slightly transparent. Allow 5-10 minutes for the tack coat to become tacky.
5. **Subsequent Coats:** Apply medium, even coats with smooth, overlapping passes. Avoid applying thick coats, as this can lead to runs or drips. Allow 10-15 minutes between coats for flash-off (when the paint appears dull).
6. **Number of Coats:** Typically, 2-3 medium coats are sufficient to achieve full coverage and desired color.
7. **Drying Time:** The paint will be touch-dry in approximately 30-60 minutes. It will be ready for handling in 2-4 hours.
8. **Full Cure:** The paint will achieve its full hardness and chemical resistance after 24-48 hours at room temperature. For optimal performance, allow the painted component to cure for at least 7 days before exposing it to extreme heat or chemicals.





Image 2: The TOUCHUP KING 2K Engine Paint aerosol can. Shake vigorously before and during use to ensure proper mixing of the 2K components.

5. MAINTENANCE

Once fully cured, TOUCHUP KING 2K Engine Paint provides a durable and resistant finish. To maintain its appearance:

- **Cleaning:** Clean painted surfaces with mild automotive soap and water. Avoid harsh abrasive cleaners or strong solvents, especially during the initial curing period.
- **Inspection:** Periodically inspect painted components for any signs of damage or wear. Address any issues promptly to prevent further deterioration.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Runs or Sags	Too much paint applied in one coat; can held too close to surface.	Apply thinner, even coats. Hold can 8-10 inches away. Allow proper flash-off time between coats.
Poor Adhesion	Improper surface preparation (grease, dirt, rust); surface not sanded.	Ensure surface is thoroughly cleaned, degreased, and lightly sanded before painting.
Uneven Finish/Rough Texture	Dust or contaminants on surface; improper spray technique; painting in high humidity.	Ensure a clean, dust-free environment. Maintain consistent spray distance and speed. Avoid painting in high humidity.
Color Variation	Can not shaken sufficiently; inconsistent coat thickness.	Shake can vigorously for at least 2 minutes before and during use. Apply consistent, even coats.

7. SPECIFICATIONS

- **Brand:** TOUCHUP KING
- **Model:** Red P65
- **Color:** Red
- **Item Volume:** 12 Fluid Ounces (354 mL)
- **Item Form:** Liquid (Aerosol Spray)
- **Manufacturer:** Sherwin
- **Formula:** 2K Hardened High-Temperature Paint
- **Key Features:** High Heat Resistant, Durable 2K Formula, Chemical/Oil/Fuel Resistant, Corrosion & Rust Protection

8. SUPPORT AND CONTACT INFORMATION

For further assistance, product inquiries, or technical support, please visit the official TOUCHUP KING store or contact customer service.

TOUCHUP KING Store: [Visit TOUCHUP KING on Amazon](#)

Please have your product model (Red P65) and purchase details ready when contacting support.