

# LEADA 0051 COLLISION REPAIR COMPOUND

**Product Name:** LEADA 0051 COLLISION REPAIR COMPOUND

**Model:** 0051

**Product Type:** Collision Repair-Specific Polishing Compound

**Application:** Specialized for Automotive Collision Repair & Refinishing

## Product Description

LEADA 0051 COLLISION REPAIR COMPOUND is a professional-grade polishing compound specifically engineered to match the performance of premium collision repair polishes, designed for automotive collision repair and refinishing applications. Mirroring the reliability and efficiency of top-tier formulations, it is crafted to deliver exceptional correction and a smooth, consistent finish on freshly sprayed automotive paint surfaces—including basecoats and clear coats applied during collision repair work—meeting the strict standards of professional body shops and refinishers.

Engineered with a balanced cutting profile, this compound effectively removes P1500-P2000 sanding marks, swirls, and minor post-spray defects left after collision repair, while preparing the surface for a flawless final finish. It features an advanced high-lubricity formula that ensures smooth, non-dragging operation with both rotary and DA polishers, preventing pad glazing and surface burn—critical for protecting delicate, freshly sprayed paint layers that require gentle yet effective correction.

With its consistent performance, fast breakdown, and compatibility with all modern automotive refinish paint systems, LEADA 0051 stands as a reliable alternative for professional body shops seeking efficient, high-quality results in collision repair. It ensures the repaired area blends seamlessly with the vehicle's original paint, reducing rework and improving workflow efficiency in high-volume collision repair facilities.

## Key Features & Benefits

- **Collision Repair-Specific Formula:** Tailored for freshly sprayed paint surfaces, ideal for collision repair and refinishing work.
- **Effective Correction:** Removes P1500-P2000 sanding marks and minor post-spray defects, ensuring a smooth base for final finishing.
- **High Lubricity:** Prevents pad glazing and surface burn, protecting delicate, freshly sprayed paint layers.

- **Smooth Finish:** Delivers a refined pre-finish that blends seamlessly with the vehicle's original paint, reducing subsequent polishing steps.
- **Body Shop Safe:** Silicone-free and filler-free formula, ensuring permanent results and compatibility with post-polishing treatments (wax, sealant).
- **Machine Efficient:** Works effectively with rotary and DA polishers, improving workflow efficiency in high-volume body shops.

## Technical Specifications

- **Color:** White
- **Density:** 1.2 kg/l
- **Viscosity:** 10–16 Pas
- **Cut/Gloss Rating:** 6/8 (Balanced Cut for Collision Repair, High Gloss Potential)
- **Shelf Life:** 3 years (when stored properly)
- **Storage Conditions:** 15–25°C, sealed, avoid frost and direct sunlight
- **Compatible Paint Types:** All auto body spray paints, including basecoats, clear coats, and freshly sprayed refinish paints
- **Machine Compatibility:** Rotary polishers, DA orbital polishers

## Recommended Usage

1. **Surface Preparation:** Ensure the auto body spray surface is fully cured, clean, and free of dust, oil, and overspray residues.
2. **Pad Selection:** Use a medium-cut foam pad for optimal correction on freshly sprayed surfaces; avoid aggressive wool pads to prevent paint damage.
3. **Application:** Shake well before use. Apply 3–5 pea-sized drops of compound onto the pad, ensuring even distribution.
4. **Polishing:** For rotary polishers: 900–1300 RPM with light to medium pressure. For DA polishers: 3000–5000 OPM with moderate pressure. Work in 40cm x 40cm sections using overlapping, cross-hatch passes.
5. **Finishing:** Continue polishing until sanding marks and defects are eliminated, and a smooth, uniform finish is achieved. The compound will break down to a thin, transparent film as work progresses.
6. **Cleanup & Next Step:** Wipe away residue with a clean, lint-free microfiber towel. For a flawless final finish, follow up with a medium or final polish (e.g., LEADA 2000/3000 series).

## Packaging Options

- 1 Liter

- 1 Gallon
- 20 Liter

## **Important Notice**

The above parameters and usage instructions are verified through practical application, specifically tailored for automotive collision repair and refinishing. Ensure the sprayed paint surface is fully cured before application. Due to variations in paint type, curing time, and environmental conditions, it is recommended to conduct a small-scale test on an inconspicuous area of the sprayed surface before full-scale use to confirm suitability.

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