

LKV 12EPS

LKV Motorcycle DB Killer 51mm Universal Muffler Silencer Baffle Instruction Manual

Model: 12EPS

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your LKV 51mm Universal Motorcycle DB Killer Muffler Silencer Baffle. Please read these instructions carefully before installation and retain this manual for future reference.

2. PRODUCT OVERVIEW

The LKV DB Killer is a removable insert designed to reduce the sound levels of motorcycle exhaust systems. Constructed from high-grade stainless steel, it offers durability, corrosion resistance, and rust protection. Its universal design makes it compatible with most motorcycles featuring a 51mm (2-inch) exhaust pipe inlet diameter.



Image 2.1: The LKV 51mm Universal Motorcycle DB Killer Silencer Baffle, showing its perforated design and internal mesh.

Key features include:

- **Noise Reduction:** Effectively lowers DB sound levels from louder exhaust systems.
- **Universal Fitment:** Designed for most motorcycles with 51mm / 2-inch exhaust pipe inlets.
- **Durable Construction:** Made from high-grade stainless steel for longevity and resistance to corrosion and rust.



Image 2.2: A close-up view of the DB Killer's internal mesh, which helps in sound dampening.

3. SETUP AND INSTALLATION

The LKV DB Killer is designed for straightforward installation, typically requiring no modifications to your existing exhaust pipe. Ensure your motorcycle's exhaust pipe has an inlet diameter of 51 mm (2 inches) for proper fitment.

Installation Steps:

1. **Preparation:** Ensure the motorcycle exhaust system is cool to the touch before beginning installation.
2. **Locate Exhaust Inlet:** Identify the inlet opening of your motorcycle's muffler where the DB killer will be inserted.
3. **Insert DB Killer:** Gently slide the LKV DB Killer into the exhaust pipe inlet. It should fit snugly.
4. **Secure (if applicable):** Some DB killers may have a small screw hole for securing it in place. If your model includes this, align the hole and insert the provided screw to prevent it from dislodging.
5. **Test:** Start the motorcycle and listen to the exhaust sound to confirm the desired noise reduction.

Note: If the DB killer feels loose, it may not be the correct size for your exhaust, or additional securing

methods may be required. Consult a professional if you are unsure.



Image 3.1: Visual representation of the DB Killer being inserted into a motorcycle muffler, illustrating the reduction in sound level.

4. OPERATING INFORMATION

Once installed, the LKV DB Killer functions passively to reduce exhaust noise. There are no active controls or adjustments required during operation. The primary effect will be a noticeable decrease in the loudness of your motorcycle's exhaust sound, contributing to a more subdued and compliant riding experience.

The DB Killer is designed to maintain optimal exhaust flow while dampening sound. Performance characteristics of your motorcycle should remain largely unaffected, though some riders may perceive a slight change in exhaust tone or back pressure.

**WIDELY USED FOR RACING MOTORCYCLES, MOUNTAIN BIKES,
AND COMMUTER MOTORCYCLES
WITH 51MM EXHAUST PIPES**

WIDELY USED



Image 4.1: The LKV DB Killer is widely used across various motorcycle types, including racing, mountain, and commuter bikes with 51 mm exhaust pipes.

5. MAINTENANCE

The LKV DB Killer requires minimal maintenance due to its stainless steel construction.

- **Cleaning:** Periodically inspect the DB killer for any carbon buildup or debris. If necessary, remove it from the exhaust pipe and clean it with a suitable degreaser or mild detergent and a brush. Rinse thoroughly and ensure it is dry before reinstallation.
- **Inspection:** Check for any signs of damage, such as cracks or deformation, which could affect its performance or security. Replace the unit if significant damage is observed.
- **Rust Prevention:** While stainless steel is rust-resistant, extreme conditions or prolonged exposure to corrosive elements can still cause surface rust. Regular cleaning and occasional application of a metal polish can help maintain its appearance and integrity.

6. TROUBLESHOOTING

If you encounter issues with your LKV DB Killer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Insufficient noise reduction	DB Killer not fully seated; exhaust system leaks; DB Killer design not optimal for specific exhaust.	Ensure DB Killer is fully inserted and secured. Check exhaust system for leaks. Consider if a different style of DB killer might be more effective for your specific muffler.
DB Killer is loose or falls out	Incorrect size for exhaust inlet; securing screw not used or loose.	Verify exhaust inlet diameter (should be 51mm). Ensure the securing screw (if applicable) is properly installed and tightened. If still loose, the DB killer may be incompatible.
Reduced engine performance	Excessive back pressure due to DB Killer.	While designed to minimize impact, some exhaust systems may be more sensitive. If performance issues arise, consider removing the DB Killer or consulting a motorcycle mechanic.

7. SPECIFICATIONS

Detailed specifications for the LKV 51mm Universal Motorcycle DB Killer Silencer Baffle (Model 12EPS):

- **Brand:** LKV
- **Model Number:** 12EPS
- **Material:** High-grade Stainless Steel
- **Inlet Connection Size:** 51 mm (2 inches)
- **Outlet Connection Size:** 51 mm
- **Shape:** Round
- **Item Weight:** Approximately 8.1 ounces (230 grams)
- **Package Dimensions:** Approximately 5.91 x 2.83 x 2.6 inches
- **Automotive Fit Type:** Universal Fit
- **Vehicle Service Type:** Motorcycle



Image 7.1: Key dimensions of the LKV DB Killer, showing the 51mm inlet, 38mm outlet, and 140mm overall length.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your LKV DB Killer, please refer to the seller's policies or contact LKV customer service directly through their official channels. Keep your purchase receipt as proof of purchase.

Note: No specific warranty details were provided in the product information. Please consult your retailer or the manufacturer for current warranty terms.

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PROJECT MANUAL

LeRoy Craig Jerome Center
College of Southern Idaho

Permit / Bid Issue
Volume Three

Issued: Idaho
October 20, 2025



[LeRoy Craig Jerome Center Project Manual - College of Southern Idaho](#)

This project manual details the specifications and requirements for the construction of the LeRoy Craig Jerome Center at the College of Southern Idaho, covering all aspects from general requirements to specialized systems and site improvements.

[Directory Publishing Schedule 2026](#)

A comprehensive schedule detailing directory publishing dates, release cover periods, and first alpha due dates for various locations throughout 2026.

Documents - LKV – 12EPS

no relevant documents