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 - > AHL 123 Oil Filter User Manual for Kawasaki Estrella 250 (1992-2000, 2007-2008)

AHL AHL-123-1

AHL 123 Oil Filter User Manual

Model: AHL-123-1
For Kawasaki Estrella 250 (1992-2000, 2007-2008)

1. INTRODUCTION

This manual provides essential information for the proper installation and maintenance of your AHL 123 Oil Filter. Designed for specific Kawasaki Estrella 250 models, this filter ensures optimal engine lubrication and protection. Please read these instructions carefully before installation.

2. PRODUCT OVERVIEW

The AHL 123 Oil Filter is engineered for high-performance filtration, designed to work effectively with high-end synthetic motor oils and allow for high oil flow rates. It features a robust construction for durability and efficient contaminant removal.



Figure 2.1: Front view of the AHL 123 Oil Filter, showing the red pleated filter media and white end caps with the "123" marking.



Figure 2.2: Angled view of the AHL 123 Oil Filter, highlighting the internal structure and the central opening.

3. SPECIFICATIONS

Feature	Detail
Brand	AHL
Model Number	AHL-123-1
Material	Paper, Metal, Nitrile Rubber
Height	2.219 inches (56mm)
Outside Diameter	2.156 inches (55mm)
Inside Diameter	0.563 inches (14mm)
Weight	2.15 ounces (61 grams)
Replaces Part Numbers	KN123, HF123

4. COMPATIBILITY

This AHL 123 Oil Filter is compatible with the following motorcycle models:

- Kawasaki Estrella 250 (Years: 1992-2000)
- Kawasaki Estrella 250 (Years: 2007-2008)

Note: Always verify compatibility with your specific vehicle's make, model, and year before installation. Refer to your vehicle's service manual for precise oil filter requirements.

5. INSTALLATION INSTRUCTIONS

Proper installation of the oil filter is crucial for engine health. If you are unsure about any step, consult a qualified mechanic or your vehicle's service manual.

1. **Preparation:** Ensure the engine is cool. Place a drain pan under the oil drain plug and oil filter housing.
2. **Drain Old Oil:** Remove the oil drain plug and allow all old engine oil to drain completely.
3. **Remove Old Filter:** Carefully remove the old oil filter. Be prepared for residual oil to drain.
4. **Clean Mounting Surface:** Clean the oil filter mounting surface on the engine block, ensuring it is free of old gasket material or debris.
5. **Lubricate New Filter:** Apply a thin film of new engine oil to the rubber gasket of the new AHL 123 Oil Filter. This helps create a proper seal.
6. **Install New Filter:** Thread the new oil filter onto the engine by hand. Turn until the gasket makes contact with the mounting surface, then tighten an additional 1/2 to 3/4 turn. *Do not overtighten.*
7. **Replace Drain Plug:** Reinstall the oil drain plug with a new crush washer (if applicable) and tighten to the manufacturer's specifications.
8. **Add New Oil:** Refill the engine with the recommended type and quantity of new engine oil.
9. **Check for Leaks:** Start the engine and let it run for a few minutes. Check for any oil leaks around the filter and drain plug.
10. **Verify Oil Level:** Turn off the engine, wait a few minutes for the oil to settle, and then check the oil level using the dipstick. Add more oil if necessary.

Always dispose of used oil and filters responsibly according to local regulations.

6. MAINTENANCE

The AHL 123 Oil Filter is a maintenance component that requires periodic replacement. Follow your motorcycle manufacturer's recommendations for oil and filter change intervals. Typically, this is every 3,000 to 5,000 miles or every 6 to 12 months, whichever comes first. Regular oil and filter changes are essential for extending engine life and maintaining performance.

7. TROUBLESHOOTING

- **Oil Leaks After Installation:**
 - Ensure the old gasket was completely removed from the engine block.
 - Verify the new filter's gasket was properly lubricated and the filter was tightened correctly (not overtightened or undertightened).
 - Check the oil drain plug for proper sealing and tightness.

- **Low Oil Pressure Light:**

- Immediately check the oil level.
- Ensure the correct amount of oil was added.
- If the light persists, consult a mechanic.

8. QUALITY ASSURANCE AND SUPPORT

AHL is committed to providing high-quality products. If you encounter any issues or are not satisfied with your AHL 123 Oil Filter, please contact AHL-US directly for assistance. We are dedicated to addressing all return, replacement, or refund requests in accordance with our quality assurance policy.

For further support or inquiries, please visit the [AHL Store on Amazon](#).

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