

AHL FA275

AHL FA275 Semi-Metallic Front Brake Pads User Manual

FOR YAMAHA T105 E (5ER1/2) CRYPTON-R 1999 AND T105 SE CRYPTON (5EA3) 2002 MOTORCYCLES

1. Product Overview

The AHL FA275 Semi-Metallic Front Brake Pads are engineered to provide reliable stopping power and consistent performance for compatible Yamaha motorcycles. These brake pads feature an advanced semi-metallic friction formula designed for stable performance across a wide temperature range and materials that contribute to reduced noise and vibration during braking.



Image 1: Front view of the AHL FA275 Semi-Metallic Front Brake Pads, showing the friction material and backing plate.

2. Compatibility

These brake pads are specifically designed for the following Yamaha motorcycle models:

- Yamaha T105 E (5ER1/2) Crypton-R (Year: 1999)
- Yamaha T105 SE Crypton (5EA3) (Year: 2002)

Important: Before installation, always compare the dimensions of these brake pads (99.77mm x 30.2mm x 9mm) with your original brake pads to ensure proper fitment for your specific motorcycle model and year.



Image 2: Rear view of the AHL FA275 Semi-Metallic Front Brake Pads, displaying the AHL brand logo stamped on the backing plate.

3. Installation

Brake system components are critical for vehicle safety. Incorrect installation can lead to serious injury or damage. If you are not experienced with motorcycle brake maintenance, it is highly recommended to seek professional assistance for installation.

General Installation Steps (Consult your motorcycle's service manual for detailed instructions):

1. **Preparation:** Ensure the motorcycle is stable on a stand. Allow the brake system to cool if recently used.
2. **Removal of Old Pads:** Loosen and remove the caliper mounting bolts. Carefully remove the old brake pads. Note the orientation of all components.

- 3. **Caliper Cleaning:** Clean the caliper thoroughly, removing any brake dust or debris. Inspect the caliper piston for damage or corrosion.
- 4. **Piston Retraction:** Gently push the caliper pistons back into their bores. This may require a specialized tool. Ensure the brake fluid reservoir does not overflow.
- 5. **New Pad Installation:** Install the new AHL FA275 brake pads into the caliper, ensuring they are correctly seated and oriented. Apply a thin layer of high-temperature brake grease to the backing plates (not the friction material) if recommended by your motorcycle's manual.
- 6. **Reassembly:** Reinstall the caliper onto the mounting bracket and tighten all bolts to the manufacturer's specified torque.
- 7. **Brake Bleeding (if necessary):** If the brake line was opened or air entered the system, bleed the brakes according to your motorcycle's service manual.
- 8. **Bedding-in Procedure:** After installation, perform a bedding-in procedure to ensure optimal brake performance. This typically involves a series of moderate stops from varying speeds to properly seat the pads with the brake disc.

Always refer to your motorcycle's official service manual for model-specific instructions and torque specifications.



Image 3: Side view of the AHL FA275 Semi-Metallic Front Brake Pads, illustrating the thickness of the friction material and backing plate.

4. Maintenance

Regular inspection and maintenance of your brake pads are crucial for safety and performance.

- **Routine Inspection:** Periodically check the brake pads for wear. Most pads have wear indicators. Replace pads when the friction material reaches its minimum thickness limit, typically around 2mm or as specified by your motorcycle manufacturer.
- **Brake Fluid:** Check brake fluid level and condition regularly. Replace brake fluid according to your motorcycle's service schedule.
- **Brake Disc:** Inspect the brake disc for excessive wear, scoring, or warping. A worn or damaged disc can reduce braking efficiency and accelerate pad wear.
- **Cleaning:** Keep brake components clean from dirt, oil, and grease. Avoid using petroleum-based cleaners on brake pads.

5. Troubleshooting

If you experience any issues with your brake pads, consider the following:

- **Squealing or Noise:** This can be caused by improper installation, worn pads, contaminated pads/disc, or caliper issues. Ensure pads are correctly seated and calipers are clean.
- **Reduced Braking Performance:** Possible causes include worn pads, air in the brake lines, contaminated pads/disc, or a faulty master cylinder/caliper. Check pad wear and brake fluid level.
- **Uneven Wear:** This may indicate a sticking caliper piston or an issue with the caliper slide pins. Inspect and service the caliper as needed.

For persistent issues, consult a qualified motorcycle mechanic.

6. Specifications

Product Name	AHL Front Brake Pads
Model Number	FA275
Material	Semi-metallic

Dimensions (L x W x T)	99.77mm x 30.2mm x 9mm
Manufacturer Part Number	FA275-B-002
UPC	605244401738



Image 4: Packaging for AHL FA275 Semi-Metallic Front Brake Pads, showing product information and branding.

7. Warranty and Support

AHL is committed to product quality. If you are not satisfied with your purchase, AHL accepts return, replacement, or refund requests in accordance with their quality assurance policy. For specific warranty details, product support, or to address any concerns, please contact AHL directly through their official channels or the retailer where the product was purchased.

For further assistance, visit the [AHL Store on Amazon](#).

© 2023 AHL. All rights reserved. Information subject to change without notice.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B06XP8LDHJ>

More documents and user manuals: <https://manuals.plus/>