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> Arashi Adjustable Rearsets Instruction Manual for Honda CBR1000RR (2004-2007) and CBR600RR (2003-2006)

Arashi HF023B

Arashi Adjustable Rearsets Instruction Manual

For Honda CBR1000RR (2004-2007) and CBR600RR (2003-2006)

INTRODUCTION

This manual provides essential information for the proper installation, adjustment, and maintenance of your Arashi Adjustable Rearsets. These rearsets are designed to enhance your riding experience by allowing precise customization of your foot position. Please read this manual thoroughly before installation and use to ensure safe and correct operation.

SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of motorcycle components requires mechanical knowledge and specialized tools. If you are unsure about any step, seek assistance from a qualified motorcycle technician.
- **Secure All Fasteners:** Ensure all bolts, nuts, and screws are tightened to the manufacturer's recommended torque specifications. Loose fasteners can lead to component failure and serious injury.
- **Check Brake and Shift Functionality:** After installation, thoroughly test the brake and shift mechanisms to ensure they operate correctly and without interference. Adjust as necessary.
- **Regular Inspection:** Periodically inspect the rearsets for wear, damage, or loose components. Replace worn parts immediately.
- **Avoid Modifications:** Do not modify the rearsets from their original design. Unauthorized modifications can compromise safety and performance.

PRODUCT OVERVIEW

The Arashi Adjustable Rearsets are constructed from billet 6061-T6 aircraft-grade aluminum, providing superior strength and durability. They feature an anodic coating for corrosion resistance and a long-lasting finish. The design allows for multiple adjustments to optimize your riding position.

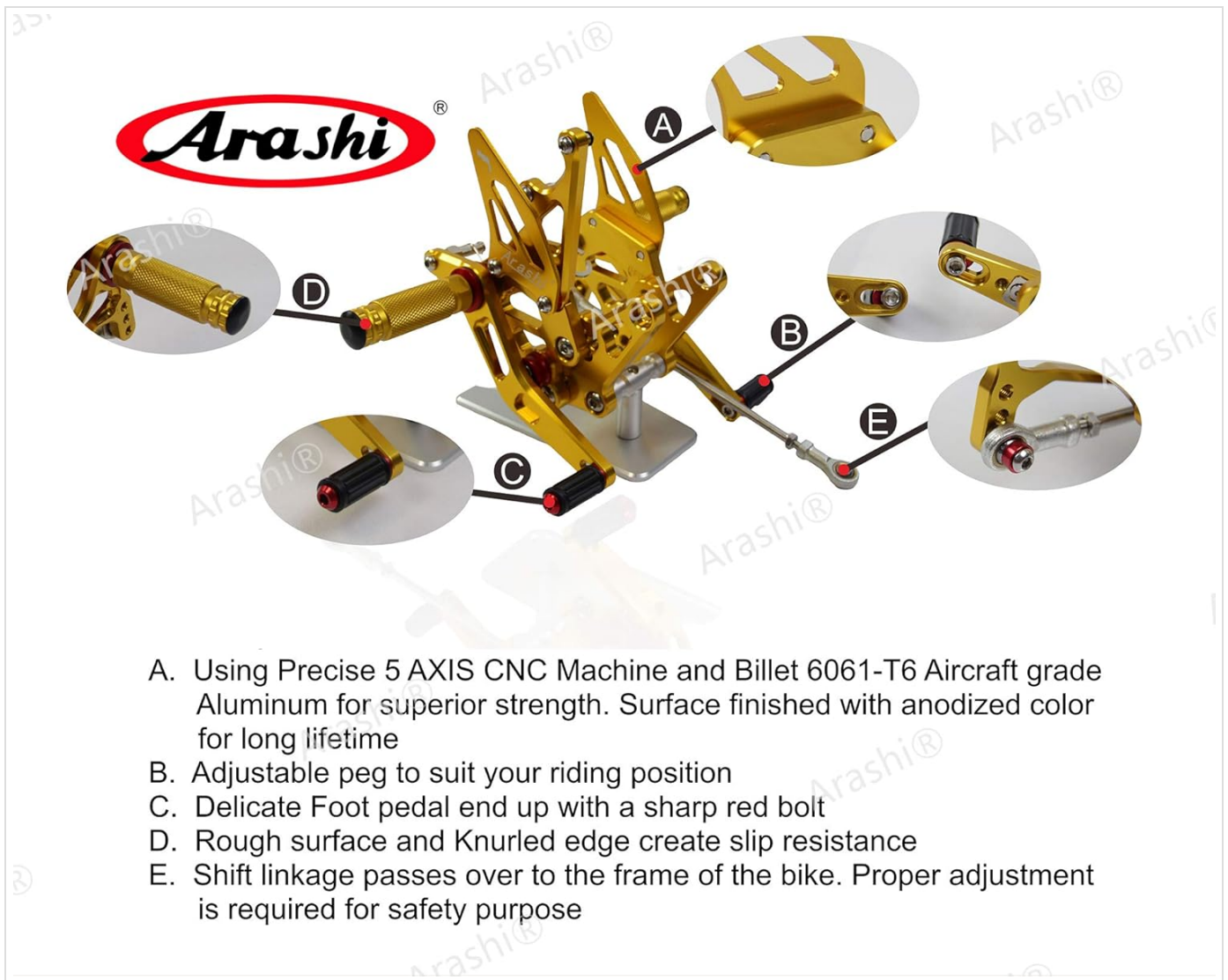


Figure 1: Main Components of Arashi Adjustable Rearsets.

- A. Main plate crafted from precise 5-axis CNC machined 6061-T6 aircraft-grade aluminum with anodized finish.
- B. Adjustable footpeg for personalized riding position.
- C. Delicate foot pedal with a sharp red bolt.
- D. Footpeg with rough surface and knurled edge for slip resistance.
- E. Shift linkage designed to pass over the frame of the bike, requiring proper adjustment for safety.



- F. An external return spring for brake pedal
- G. Fully adjustable to put you at a best riding experience
- H. Including a mounting point for OEM brake light switch and spring

Figure 2: Brake and Shift Mechanism Details.

- F. External return spring for the brake pedal.
- G. Fully adjustable design to achieve an optimal riding experience.
- H. Integrated mounting point for the OEM brake light switch and spring.

SETUP AND INSTALLATION

Follow these general steps for installing your Arashi Adjustable Rearsets. Specific torque values and detailed procedures may vary by motorcycle model. Refer to your motorcycle's service manual for precise instructions.

1. **Preparation:** Park the motorcycle on a stable, level surface. Ensure the engine is off and cool. Gather necessary tools, including wrenches, Allen keys, and thread-locking compound.
2. **Remove Stock Rearsets:** Carefully remove the existing footpegs, brake pedal, shift lever, and associated mounting hardware from your motorcycle. Note the routing of the brake line and shift linkage.
3. **Install Main Plates:** Attach the Arashi main plates (A in Figure 1) to the motorcycle frame using the provided hardware. Apply thread-locking compound to the bolts as recommended by your motorcycle's service manual. Do not fully tighten yet.
4. **Assemble Footpegs and Pedals:** Assemble the footpegs (B, D in Figure 1), brake pedal (C in Figure 1), and shift lever onto the main plates. Ensure all pivot points are clean and lightly lubricated if necessary.
5. **Connect Brake Linkage:** Connect the rear brake master cylinder to the new brake pedal. Ensure the brake light switch (H in Figure 2) is properly installed and functioning. Adjust the brake pedal position and free play according to your preference.

and motorcycle specifications.

6. **Connect Shift Linkage:** Attach the shift linkage (E in Figure 1) to the shift lever and the transmission. Ensure the linkage passes over the frame of the bike as designed. Adjust the shift lever position and throw for smooth gear changes.
7. **Final Tightening:** Once all components are in place and adjusted, progressively tighten all mounting bolts to the manufacturer's specified torque values. Double-check all fasteners.
8. **Functionality Check:** Before riding, manually operate the brake and shift levers to confirm smooth, unobstructed movement and proper engagement. Ensure the brake light activates correctly.

ADJUSTMENT

The Arashi Adjustable Rearsets offer multiple adjustment points to customize your riding ergonomics. Adjustments should be made with the motorcycle stationary and stable.

- **Footpeg Position:** The main plates and footpegs (B in Figure 1) typically feature multiple mounting holes, allowing you to move the footpegs horizontally and vertically. Loosen the mounting bolts, select your desired position, and re-tighten securely.
- **Brake Pedal Position:** The brake pedal's height and angle can be adjusted by manipulating its linkage and the position of the pedal itself. Ensure there is adequate free play before the brake engages and that the brake light switch functions correctly.
- **Shift Lever Position:** The shift lever's height and angle can be adjusted via its linkage. Ensure smooth, positive engagement of all gears and that the lever does not interfere with other components.
- **Lever Throw:** The amount of travel for both brake and shift levers can often be fine-tuned to suit rider preference.

Always ensure all fasteners are securely tightened after making any adjustments.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Arashi Adjustable Rearsets.

- **Cleaning:** Clean the rearsets regularly with a mild detergent and water. Avoid harsh chemicals that may damage the anodized finish.
- **Inspection:** Periodically inspect all components for signs of wear, cracks, bends, or corrosion. Pay close attention to pivot points, footpegs, and mounting hardware.
- **Fastener Check:** Regularly check all bolts and nuts for tightness. Vibrations from riding can cause fasteners to loosen over time.
- **Lubrication:** Apply a small amount of appropriate grease or lubricant to pivot points of the brake and shift levers to ensure smooth operation and prevent wear.
- **Replace Worn Parts:** If any component shows significant wear or damage, replace it immediately with genuine Arashi replacement parts.

TROUBLESHOOTING

This section addresses common issues you might encounter with your rearsets.

- **Difficulty with Installation/Fitment:**
 - Ensure you have the correct model of rearsets for your specific motorcycle year and model (Honda CBR1000RR 2004-2007 or CBR600RR 2003-2006).
 - Double-check that all stock components have been removed and that the new rearsets are oriented correctly.
 - Verify that no cables, hoses, or other motorcycle components are obstructing the installation.
 - If issues persist, consult a professional mechanic.

• **Brake Pedal Not Activating Brake Light:**

- Ensure the brake light switch (H in Figure 2) is properly installed and adjusted.
- Check the wiring connection to the brake light switch.
- Verify the brake pedal has sufficient travel to activate the switch.

• **Loose or Wobbly Footpegs/Levers:**

- Inspect all mounting bolts and pivot fasteners. Tighten any loose hardware to the recommended torque.
- Check for worn bushings or bearings at pivot points and replace if necessary.

• **Stiff or Grinding Shift/Brake Operation:**

- Ensure pivot points are clean and adequately lubricated.
- Check for any binding or interference in the linkage mechanisms.
- Verify that the shift linkage passes over the frame correctly (E in Figure 1).

SPECIFICATIONS

Brand	Arashi
Model Number	HF023B
Material	Billet 6061-T6 Aircraft Grade Aluminum
Color	Black
Compatibility	Honda CBR1000RR (2004-2007), Honda CBR600RR (2003-2006)
Features	Full Adjustable, Control over brake light, Shift linkage passes over to frame
Item Weight	3.3 Pounds (approximate)

WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or contact Arashi customer support directly. Keep your proof of purchase for any warranty claims.

For technical assistance or replacement parts, please visit the official Arashi website or contact their authorized distributors.