

SRAM 00.5318.018.001

SRAM Flat Mount 20F Rear Bracket Instruction Manual

Model: 00.5318.018.001

1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation, maintenance, and troubleshooting of the SRAM Flat Mount 20F Rear Bracket. This component is designed to adapt your bicycle's flat mount brake system for a 160mm rear rotor, ensuring optimal braking performance and compatibility.

2. SAFETY INFORMATION

WARNING:

- Always ensure all components are installed correctly and tightened to the manufacturer's specified torque values. Incorrect installation can lead to component failure, loss of control, and serious injury.
- If you are unsure about any installation step, consult a qualified bicycle mechanic.
- Regularly inspect the bracket and associated brake components for wear, damage, or loose fasteners.
- Do not modify the bracket or use it for purposes other than its intended design.

3. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1 x SRAM Flat Mount 20F Rear Bracket
- 2 x Stainless Bracket Mounting Bolts
- 2 x Washers (typically included with bolts)



Figure 3.1: SRAM Flat Mount 20F Rear Bracket shown with two mounting bolts and two washers.

4. PRODUCT OVERVIEW

The SRAM Flat Mount 20F Rear Bracket is a precision-engineered component designed to facilitate the use of a 160mm brake rotor on bicycle frames equipped with flat mount brake caliper interfaces. It is constructed from durable synthetic fiber and features a multi-color finish. The bracket effectively offsets the brake caliper to accommodate the larger rotor size, enhancing braking power and modulation.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of the SRAM Flat Mount 20F Rear Bracket:

1. **Prepare the Frame:** Ensure the flat mount interface on your bicycle frame is clean and free of debris.
2. **Position the Bracket:** Align the SRAM Flat Mount 20F Rear Bracket with the mounting points on your bicycle frame's rear chainstay or seatstay. The "REAR 160" marking on the bracket should be visible and oriented correctly.
3. **Install Mounting Bolts:** Insert the two stainless bracket mounting bolts through the bracket and into the frame's threaded inserts. If washers are provided, place them under the bolt heads.
4. **Initial Tightening:** Hand-tighten the bolts to secure the bracket in place.
5. **Install Brake Caliper:** Mount your flat mount brake caliper onto the bracket using the appropriate caliper mounting bolts (not included with this bracket).
6. **Final Torque:** Using a torque wrench, tighten the bracket mounting bolts to the torque specifications provided by your bicycle frame manufacturer. Similarly, tighten the brake caliper mounting bolts to the brake caliper manufacturer's specifications. Refer to your frame and brake manuals for precise torque values.

7. **Brake Alignment:** After installation, ensure the brake caliper is properly aligned with the 160mm rotor. Adjust as necessary to prevent rotor rub and ensure optimal braking performance.

Note: Always refer to your bicycle frame and brake caliper manufacturer's instructions for specific torque values and alignment procedures.

6. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your SRAM Flat Mount 20F Rear Bracket:

- **Periodic Inspection:** Visually inspect the bracket for any signs of cracks, bends, or damage, especially after impacts or heavy use.
- **Bolt Check:** Periodically check the tightness of all mounting bolts (bracket to frame, and caliper to bracket) to ensure they remain at the specified torque. Loose bolts can lead to poor braking performance or component failure.
- **Cleaning:** Keep the bracket and surrounding area clean from dirt, mud, and road grime. Use a mild soap and water solution, then rinse thoroughly and dry. Avoid harsh chemicals that could damage the finish or material.

7. TROUBLESHOOTING

If you encounter issues with your brake system after installing the bracket, consider the following:

- **Rotor Rub:** If the brake rotor rubs against the caliper pads, ensure the caliper is properly aligned. This often involves loosening the caliper mounting bolts slightly, squeezing the brake lever to center the caliper, and then re-tightening the bolts while holding the lever.
- **Loose Braking:** Check all bolts (bracket to frame, caliper to bracket) for proper torque. A loose bracket can cause inconsistent braking.
- **Unusual Noises:** Investigate any creaking or grinding noises. This could indicate loose components, contamination, or worn brake pads/rotor.

If problems persist, consult a professional bicycle mechanic.

8. SPECIFICATIONS

Attribute	Detail
Product Number	00.5318.018.001
Color	Multi-color
Size	One Size (US)
Material	Synthetic Fiber
Product Dimensions	17.78 x 12.7 x 5.08 cm (7 x 5 x 2 inches)
Item Weight	36.29 g (1.28 ounces)
Intended Use	Cycling
Gender Target	Men's, Women's

First Available Date	February 6, 2016
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9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your SRAM Flat Mount 20F Rear Bracket, please refer to the official SRAM website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

SRAM Official Website: www.sram.com