

SRAM 00.7618.177.000

SRAM FORCE AXS D2 Front Derailleur Wide Braze-On User Manual

Model: 00.7618.177.000

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your SRAM FORCE AXS D2 Front Derailleur Wide Braze-On. Please read this manual thoroughly before attempting any installation or adjustment to ensure proper function and safety. Retain this manual for future reference.



Image 1.1: The SRAM FORCE AXS D2 Front Derailleur Wide Braze-On. This image shows the complete front derailleur unit, highlighting its sleek black finish and compact design.

2. PRODUCT OVERVIEW

The SRAM FORCE AXS D2 Front Derailleur is a high-performance electronic shifting component designed for road and gravel cycling. It features wireless eTap AXS technology for precise and reliable front shifting. This wide braze-on version is compatible with specific frame designs and X-Range chainrings, offering optimized chainline and gear range for modern drivetrains.

3. KEY FEATURES

- **eTap Shift Logic:** Provides seamless and intuitive electronic shifting.

- **Wireless Functionality:** Enables easy setup, monitoring, and personalization via the AXS app.
- **Optimized for X-Range Chainrings:** Engineered for efficient performance with SRAM X-Range drivetrain systems.
- **Precise Front Shifts:** Delivers crisp and accurate gear changes.
- **Yaw Trimless Cage Technology:** Ensures smooth performance across the entire gear range without manual trim adjustments.
- **Compatibility:** Designed for standard chainline eTap AXS cranks.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. If you are unsure about any step, consult a professional bicycle mechanic.

4.1 Tools Required

- Torque wrench
- Hex keys (various sizes)
- Chainring bolt wrench
- SRAM AXS app (for smartphone/tablet)

4.2 Mounting the Derailleur

1. Ensure your frame has a braze-on mount compatible with wide chainlines.
2. Attach the derailleur to the braze-on mount using the provided bolt. Do not fully tighten yet.
3. Position the outer cage plate parallel to the outer chainring. The gap between the outer cage plate and the largest chainring should be 1-3mm.
4. Tighten the mounting bolt to the manufacturer's specified torque (refer to SRAM's official installation guide for exact values).

4.3 Battery Installation and Pairing

1. Install the battery into the derailleur. Ensure it clicks securely into place.
2. Power on your AXS components (shifters, rear derailleur, front derailleur).
3. Use the SRAM AXS app to pair the front derailleur with your other AXS components. Follow the on-screen instructions in the app for the pairing process.

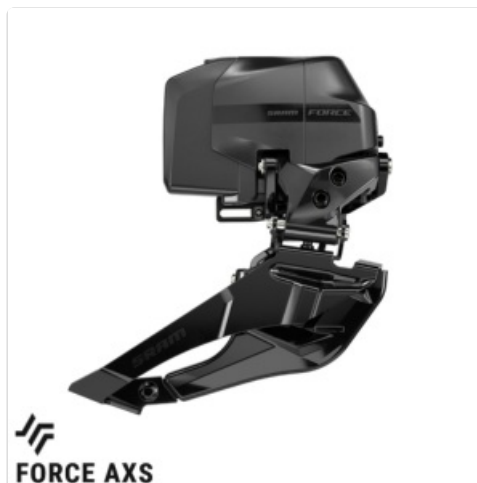


Image 4.1: Close-up of the SRAM FORCE AXS D2 Front Derailleur, showing the AXS branding. This image illustrates the compact and integrated design of the electronic derailleur unit.

5. OPERATING INSTRUCTIONS

The SRAM FORCE AXS D2 Front Derailleur operates wirelessly, controlled by your AXS shifters. The eTap shift logic simplifies front shifting.

5.1 Basic Shifting

- **Shift Up (Larger Chainring):** Press and hold the right shifter paddle.
- **Shift Down (Smaller Chainring):** Press and hold the left shifter paddle.

The system is designed to prevent cross-chaining and optimize gear selection automatically. For advanced customization of shift logic and button functions, use the SRAM AXS app.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your front derailleur.

6.1 Cleaning

- Periodically clean the derailleur cage and body with a mild degreaser and a soft brush.
- Rinse thoroughly with water and dry completely. Avoid high-pressure washing directly on the electronic components.

6.2 Battery Care

- Monitor battery levels regularly using the AXS app or the LED indicator on the derailleur.
- Recharge batteries using the SRAM AXS charger.
- Store batteries in a cool, dry place if not in use for extended periods.

6.3 Inspection

- Check for any loose bolts or signs of wear on the derailleur cage.
- Ensure the derailleur is properly aligned with the chainrings.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Derailleur not shifting	Low battery, not paired, mechanical obstruction	Charge battery, re-pair components via AXS app, check for debris in cage
Slow or inconsistent shifting	Derailleur misalignment, worn chain/chainrings	Check alignment, inspect and replace worn drivetrain components
Noise from derailleur	Misalignment, dirty cage, chain rub	Verify alignment, clean derailleur, ensure proper chainline

For more detailed troubleshooting, refer to the SRAM AXS official support resources or contact a certified SRAM service center.

8. SPECIFICATIONS

- **Model:** SRAM FORCE AXS D2 Front Derailleur Wide Braze-On
- **Part Number:** 00.7618.177.000
- **Mounting Type:** Braze-On Mount
- **Compatibility:** SRAM eTap AXS 12-speed X-Range drivetrains, Standard Chainline eTap AXS Cranks
- **Material:** Aluminum, Carbon Fiber
- **Color:** Black
- **Item Weight:** Approximately 0.43 Pounds (0.195 kg)
- **Dimensions (LxWxH):** Approximately 6 x 5.75 x 3 inches (15.24 x 14.61 x 7.62 cm)
- **UPC:** 710845887536

9. WARRANTY AND SUPPORT





SRAM products are covered by a limited warranty against defects in materials and workmanship. For specific warranty terms, registration, and support, please visit the official SRAM website or contact your authorized SRAM dealer. Keep your proof of purchase for warranty claims.

SRAM Official Website: www.sram.com

SRAM Store on Amazon: [Visit the SRAM Store](#)

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Related Documents - 00.7618.177.000

	<p>SRAM Reverb AXS Electronic Seatpost: Installation, Pairing, and Maintenance Guide</p> <p>A comprehensive guide for installing, pairing, and maintaining the SRAM Reverb AXS electronic seatpost. Includes details on battery charging, ride time, functionality, and essential maintenance procedures.</p>
	<p>SRAM Power Meter User Manual</p> <p>Comprehensive user manual for SRAM Power Meters, detailing installation, setup, pairing, zeroing, battery replacement, maintenance, and troubleshooting for SRAM AXS and DUB-PWR models.</p>
	<p>SRAM AXS Eagle Quick Start Guide</p> <p>A comprehensive quick start guide for SRAM AXS Eagle bicycle components, detailing the use of the SRAM AXS App, battery charging and installation, system pairing, shifting operations, and battery status indicators.</p>
	<p>SRAM Component Serial Number Location Guide</p> <p>Find and interpret serial numbers on SRAM, RockShox, Zipp, AVID, Truvativ, and Quarq bicycle components with this comprehensive location guide.</p>



[SRAM AirWiz User Manual: Accurate Bicycle Suspension Air Pressure](#)

Get detailed instructions for the SRAM AirWiz bicycle suspension air pressure sensor. Learn about setup, app connection, usage, battery replacement, maintenance, and installation.



[SRAM eTap AXS System User Manual: Installation and Operation Guide](#)

Comprehensive user manual for SRAM eTap AXS electronic shifting systems. Covers installation, setup, operation, safety instructions, AXS App usage, battery management, and maintenance for road and gravel bicycles. Essential guide for cyclists.