

SRAM 00.7518.185.000

SRAM RED XPLR AXS Rear Derailleur - 1x 13-Speed Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your SRAM RED XPLR AXS Rear Derailleur. Designed for 1x 13-speed gravel cycling, this derailleur offers precise shifting and robust performance in challenging conditions. Please read this manual thoroughly before use to ensure optimal performance and longevity of your component.

2. PRODUCT OVERVIEW

The SRAM RED XPLR AXS Rear Derailleur is engineered for the demands of gravel riding, featuring advanced technology for reliability and ease of use.



Image 1: Angled view of the SRAM RED XPLR AXS Rear Derailleur, highlighting its robust construction and AXS branding.

Key Features:

- **Full Mount Design:** Provides a robust and reliable hangerless interface, enhancing durability in demanding gravel environments.
- **Simplified Setup:** Designed for hassle-free installation with no adjustment screws required for basic setup.
- **Magic Wheel:** Features a debris-resistant lower pulley that helps keep the chain moving smoothly, even

when encountering unexpected debris.

- **1x Specific Unit:** Optimized for 1x drivetrains, prioritizing shift precision and efficient chain management across various terrains.
- **Materials:** Constructed with carbon fiber and ceramic bearings for lightweight performance and durability.



Image 2: Side view of the SRAM RED XPLR AXS Rear Derailleur, showcasing the XPLR cage and pulley system.

3. SETUP

Proper installation is crucial for the performance and safety of your derailleur. It is highly recommended that installation be performed by a qualified bicycle mechanic.

Installation Steps (Overview):

1. **Mounting:** Securely attach the derailleur to the frame's derailleur hanger. Ensure proper torque specifications are followed as per SRAM's official technical documentation.
2. **Chain Installation:** Install the appropriate 13-speed chain, ensuring correct length for your specific drivetrain setup.
3. **AXS Pairing:** Pair the derailleur with your SRAM AXS shifters using the AXS app or the pairing buttons on the components.
4. **Limit Adjustments:** While the derailleur is designed for simplified setup, fine-tune the high and low limit screws if necessary, following SRAM's detailed instructions.
5. **B-Gap Adjustment:** Adjust the B-gap for optimal chain wrap around the cassette, using the SRAM B-gap tool for precision.

For detailed, step-by-step installation instructions, including torque specifications and B-gap adjustment procedures, please refer to the official SRAM AXS technical manual available on the [SRAM website](#).

4. OPERATING INSTRUCTIONS

The SRAM RED XPLR AXS Rear Derailleur operates wirelessly with SRAM AXS shifters, providing intuitive and precise gear changes.

Shifting:

- **Upshifting:** Press the designated upshift button on your AXS shifter to move the chain to a smaller cog (harder gear).
- **Downshifting:** Press the designated downshift button on your AXS shifter to move the chain to a larger cog (easier gear).
- **Multi-Shift:** Configure multi-shift settings via the AXS app to shift multiple gears with a single press and hold of the shifter button.

Battery Management:

- **Battery Life:** The AXS battery typically provides many hours of riding. Monitor battery status via the AXS app or the LED indicator on the derailleur.
- **Charging:** Remove the battery by pressing the release tab and charge it using the SRAM AXS battery charger. A full charge takes approximately 60 minutes.
- **LED Indicator:** A green LED indicates good battery charge, a red LED indicates low charge, and a flashing red LED indicates critical charge.

5. MAINTENANCE

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

Cleaning:

- After each ride, especially in wet or muddy conditions, clean the derailleur body, pulleys, and chain with a mild degreaser and brush. Rinse thoroughly with water and dry.
- Avoid high-pressure washing directly on bearings or electronic components.

Lubrication:

- Regularly lubricate your chain with a high-quality bicycle chain lubricant suitable for your riding conditions.
- The derailleur's pivot points are generally maintenance-free, but ensure they remain clean and free of grit.

Inspection:

- Periodically inspect the derailleur for any signs of damage, cracks, or excessive wear on the cage, pulleys, and body.
- Check that all mounting bolts are securely tightened to their specified torque values.
- Ensure the Magic Wheel pulleys spin freely and are not obstructed by debris.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your SRAM RED XPLR AXS Rear Derailleur.

Poor Shifting Performance:

- **Check Battery:** Ensure the derailleur battery is adequately charged. A low battery can affect shifting performance.
- **B-Gap Adjustment:** Verify the B-gap is correctly set for your cassette. Incorrect B-gap can lead to sluggish or imprecise shifts.
- **Limit Screws:** Confirm that the high and low limit screws are properly adjusted to prevent over-shifting or chain drop.
- **Chain Condition:** Inspect your chain for wear, stiffness, or damage. A worn or dirty chain can significantly degrade shifting.
- **Derailleur Alignment:** Although the Full Mount design is robust, ensure the derailleur itself is not bent or damaged.

Unusual Noises:

- **Cleanliness:** Dirt or debris in the pulleys or chain can cause noise. Clean and lubricate as described in the Maintenance section.
- **Chain Rub:** Check for chain rub against the derailleur cage or adjacent cogs. This may indicate incorrect B-gap or limit screw settings.
- **Loose Components:** Ensure all bolts, especially the derailleur mounting bolt, are tightened to specification.

If you continue to experience issues, consult a professional bicycle mechanic or refer to the comprehensive troubleshooting guides on the [SRAM website](#).

7. SPECIFICATIONS

Specification	Value
Model Name	00.7518.185.000
Brand	SRAM
Item Weight	1.35 Pounds (approx. 0.61 kg)

Material	Carbon Fiber, Ceramic Bearings
Color	Black/Silver
Size	Max 46t (maximum cassette cog size)
Included Components	Rear Derailleur
Compatibility	SRAM AXS 1x 13-Speed Drivetrains

8. WARRANTY INFORMATION

The SRAM RED XPLR AXS Rear Derailleur is covered by a Limited Warranty. For complete details regarding warranty terms, conditions, and claim procedures, please refer to the official warranty policy available on the [SRAM website](#) or contact your authorized SRAM dealer.




9. SUPPORT

For additional support, technical documents, FAQs, and product registration, please visit the official SRAM website:

www.sram.com

You may also contact your local authorized SRAM dealer for assistance with installation, service, or warranty inquiries.

Related Documents - 00.7518.185.000

	<p>SRAM eTap AXS System User Manual: Installation and Operation Guide</p> <p>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.</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 Rear Derailleur Installation and Adjustment Guide</p> <p>Comprehensive guide for installing and adjusting SRAM Max 33T/36T and XPLR rear derailleurs, including chain installation, limit screw adjustments, and chain gap settings.</p>



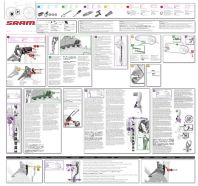
[SRAM Reverb AXS Electronic Seatpost: Installation, Pairing, and Maintenance Guide](#)

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.



[SRAM 2024 Spare Parts Catalog](#)

Comprehensive 2024 spare parts catalog from SRAM, detailing components, part numbers, and diagrams for bicycle drivetrains, brakes, wheels, and more. Find the exact replacement parts for your SRAM cycling equipment.



[SRAM 22 Derailleurs Installation and Maintenance Guide](#)

Comprehensive guide for the installation, adjustment, and maintenance of SRAM 22 derailleurs, covering front and rear derailleur setup, chain retention, and general maintenance procedures.