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› [SRAM GX DH Rear Shifter - 7-Speed, with Discrete Clamp, Black, A2 User Manual](#)

SRAM SR007018402000

SRAM GX DH Rear Shifter

7-SPEED, WITH DISCRETE CLAMP

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your SRAM GX DH Rear Shifter. Developed in Germany, the GX DH shifter is engineered to deliver precise and dependable 7-speed performance, crucial for demanding downhill cycling conditions. Please read this manual thoroughly before attempting any installation or operation.

The distinctive click of the GX DH trigger switch signifies its readiness for critical moments, whether preparing for a jump or making a final push before the finish line. This shifter is fully compatible with the SRAM X01 DH drivetrain.

Safety Information

Always prioritize safety when working with bicycle components. Improper installation or maintenance can lead to serious injury or product damage. If you are unsure about any step, seek assistance from a qualified bicycle mechanic.

- Wear appropriate safety gear, including eye protection, during installation and maintenance.
- Ensure your bicycle is stable and secure before beginning any work.
- Use only the correct tools for each task.
- Do not modify the product in any way not specified in this manual.
- Keep small parts away from children.

Setup and Installation

The SRAM GX DH Rear Shifter features a discrete clamp for secure mounting to your handlebar. Follow these general steps for installation. Refer to a comprehensive bicycle repair guide or consult a professional mechanic for detailed instructions if needed.

1. **Prepare the Handlebar:** Ensure the area on your handlebar where the shifter will be mounted is clean and free of grease.
2. **Position the Shifter:** Loosely attach the shifter to the handlebar using its discrete clamp. Position it ergonomically for comfortable reach and operation.
3. **Install Shift Cable:** Route the shift cable through the shifter body and into the cable housing. Ensure the cable

moves freely.

4. **Connect to Derailleur:** Route the cable housing along the bicycle frame and connect the inner cable to the rear derailleur, following the derailleur manufacturer's instructions.
5. **Adjust Cable Tension:** With the chain on the smallest cog, pull the cable taut and secure it to the derailleur. Fine-tune tension using the barrel adjuster on the shifter or derailleur.
6. **Tighten Clamp:** Once the shifter is in the desired position and shifting is properly adjusted, tighten the discrete clamp bolt to the manufacturer's specified torque. Do not overtighten.



Image: The SRAM GX DH Rear Shifter, showing its compact design and discrete clamp for handlebar mounting. This 7-speed shifter is designed for precise gear changes in downhill cycling.

Operating Instructions

The SRAM GX DH Rear Shifter utilizes X-Actuation technology to provide consistent and precise 7-speed shifting across the entire cassette range.

- **Upshifting (to a smaller cog/higher gear):** Press the smaller lever (release lever) with your thumb or index finger. Each click will shift the chain one cog smaller.
- **Downshifting (to a larger cog/lower gear):** Press the larger lever (trigger lever) with your thumb. Each click will shift the chain one cog larger.
- **Multi-Shift:** The GX DH shifter allows for multiple shifts with a single push of the trigger lever, enabling rapid gear

changes when needed.

- **Smooth Operation:** Always pedal forward while shifting to ensure smooth and efficient gear changes and to prevent damage to the drivetrain components.

Maintenance

Regular maintenance will prolong the life and ensure optimal performance of your SRAM GX DH Rear Shifter.

- **Cleaning:** Keep the shifter body and levers clean. Use a damp cloth to wipe away dirt and grime. Avoid using harsh chemicals that could damage the finish or internal components.
- **Cable Inspection:** Periodically inspect the shift cable and housing for fraying, kinks, or corrosion. Replace them if any damage is observed, as this can significantly affect shifting performance.
- **Lubrication:** Apply a small amount of light lubricant to the pivot points of the shifter levers occasionally to ensure smooth action. Do not over-lubricate.
- **Bolt Torque:** Check the clamp bolt torque periodically to ensure it remains secure. Refer to the recommended torque specifications.

Troubleshooting

If you experience issues with your shifter, try these common troubleshooting steps:

- **Shifting is sluggish or imprecise:**
 - Check cable tension. Turn the barrel adjuster counter-clockwise to increase tension if shifting to larger cogs is slow. Turn clockwise to decrease tension if shifting to smaller cogs is slow.
 - Inspect shift cable and housing for friction or damage. Replace if necessary.
 - Ensure the derailleuer hanger is not bent.
- **Shifter levers feel stiff:**
 - Clean the shifter and lubricate pivot points.
 - Check for debris obstructing lever movement.
- **Shifter not holding gear:**
 - Verify cable tension is correct.
 - Ensure the shifter is securely clamped to the handlebar.

For persistent issues, it is recommended to consult a professional bicycle mechanic.

Specifications

Feature	Specification
Model Name	Gxdh X-actuation Trigg.a2
Part Number	SR007018402000
Mounting Type	Clamp-On Mount (Discrete Clamp)
Number of Speeds	7-Speed

Included Components	1 rear derailleur (Note: This refers to the shifter's compatibility, the product itself is the shifter)
Color	Black
Material	Aluminium (Handle Material)
Item Weight	0.7 Pounds (0.32 Kilograms Package Weight)
Item Dimensions (LxWxH)	6.3 x 6.3 x 3.94 inches

Warranty

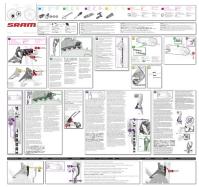
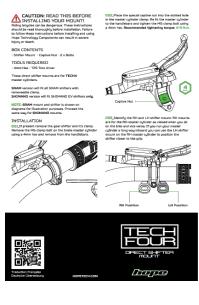
Please note that this product is indicated to have *No Manufacturer's Guarantee*. For specific warranty information or policies, it is recommended to contact the retailer or SRAM directly.

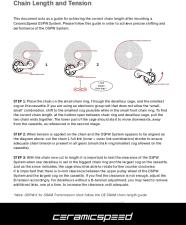
Support

For further assistance, technical support, or inquiries not covered in this manual, please visit the official SRAM website or contact their customer service department. Always refer to the product's model name and part number when seeking support.

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Related Documents - SR007018402000

	<p>SRAM 22 Derailleurs Installation and Maintenance Guide</p> <p>Comprehensive guide for the installation, adjustment, and maintenance of SRAM 22 derailleurs, covering front and rear derailleur setup, chain retention, and general maintenance procedures.</p>
	<p>CeramicSpeed Oversized Pulley Wheel System for SRAM Mechanical: Mounting and Maintenance Guide</p> <p>A comprehensive guide to installing and maintaining the CeramicSpeed Oversized Pulley Wheel System for SRAM mechanical drivetrains. Includes parts list, required tools, step-by-step mounting instructions, and maintenance recommendations.</p>
	<p>Hope Tech 4 Direct Shifter Mount Installation Guide</p> <p>Detailed installation guide for the Hope Tech 4 Direct Shifter Mount. Learn how to safely and correctly install this component on your bicycle, compatible with SRAM and Shimano shifters. Includes step-by-step instructions, required tools, and warranty information.</p>

	<p><u>Nova Ride Carbon Ceramic Derailleur Aero Installation Guide for SRAM AXS 12-Speed</u></p> <p>A comprehensive installation guide for the Nova Ride Carbon Ceramic Derailleur Aero cage, compatible with SRAM Rival, Force, and Red AXS 12-speed systems. Includes tools needed, step-by-step instructions, and maintenance and warranty information.</p>
	<p><u>CeramicSpeed OSPW Systems Assembly Guide: Chain Length and Tension</u></p> <p>Comprehensive guide from CeramicSpeed on determining the correct chain length and setting spring tension for OSPW Systems for optimal shifting performance. Includes instructions for various Shimano, SRAM, and Campagnolo drivetrains.</p>
	<p><u>Double Data Rate I/O (ALTDDIO_IN, ALTDDIO_OUT, and ALTDDIO_BIDIR) IP Cores User Guide</u></p> <p>This user guide provides comprehensive information on Altera's Double Data Rate I/O (DDR I/O) IP cores, including ALTDDIO_IN, ALTDDIO_OUT, and ALTDDIO_BIDIR. It details their features, applications, parameter settings, and design examples for various Altera FPGA families such as Stratix, Arria, and Cyclone. The document covers input and output configurations, bidirectional data flow, and timing waveforms, offering guidance for implementing high-speed interface applications.</p>