

RIZOMA BS285B

Rizoma Spy R 80 Mirror User Manual

Model: BS285B

Brand: RIZOMA

1. INTRODUCTION

The Rizoma Spy R 80 Mirror is a high-quality, bar-end motorcycle mirror designed to enhance rear visibility and complement the aesthetic of your motorcycle. Featuring concave anti-glare glass and an 80mm diameter, it provides a clear and sharp view of your surroundings. This manual provides essential information for the proper installation, operation, and maintenance of your new Rizoma Spy R 80 Mirror.

2. SAFETY INFORMATION

Always prioritize safety when installing and using motorcycle accessories. Improper installation can lead to serious injury or damage. Please read and understand all instructions before proceeding.

- Ensure all components are securely fastened before riding. Loose parts can detach and cause accidents.
- Regularly check the mirror's mounting bolts for tightness, especially after the first few rides.
- Verify that the mirror provides adequate rear visibility from your riding position. Adjust as necessary.
- If you are unsure about any installation step, consult a qualified motorcycle mechanic.
- Do not modify the mirror or its components. Use only genuine Rizoma parts and accessories.

3. PACKAGE CONTENTS

Please verify that all the following items are included in your package:

- 1 x Rizoma Spy R 80 Mirror (Black)
- 1 x Proguard LP200B Adapter
- Necessary mounting hardware (screws, washers, etc.)

Note: This listing is for one mirror and adapter. If you require a pair, please ensure you have ordered two units.

4. SETUP AND INSTALLATION

The Rizoma Spy R 80 Mirror is designed for handlebar mounting using the included Proguard LP200B Adapter. This adapter is compatible with most handlebars that have an inside diameter of 13-21mm.

Installation Steps:

1. **Prepare Handlebar:** If your handlebar has existing bar-end weights or mirrors, remove them. Ensure the end of the handlebar is clean and free of debris.
2. **Insert Adapter:** Insert the Proguard LP200B Adapter into the end of your handlebar. The adapter is designed to expand and secure itself within the handlebar's inner diameter.
3. **Attach Mirror:** Align the Rizoma Spy R 80 Mirror's mounting arm with the adapter. Secure the mirror to the adapter using the provided hardware. Do not fully tighten yet.
4. **Position Mirror:** Sit on your motorcycle and adjust the mirror's angle and position to achieve optimal rear visibility. Ensure the mirror does not interfere with controls or your hands during operation.
5. **Final Tightening:** Once the desired position is achieved, carefully tighten all mounting bolts. Do not overtighten, as this can damage the components. Refer to your motorcycle's service manual for specific torque specifications if available, or tighten until snug and secure.
6. **Check Fitment:** After installation, gently attempt to move the mirror to ensure it is firmly secured and does not wobble.

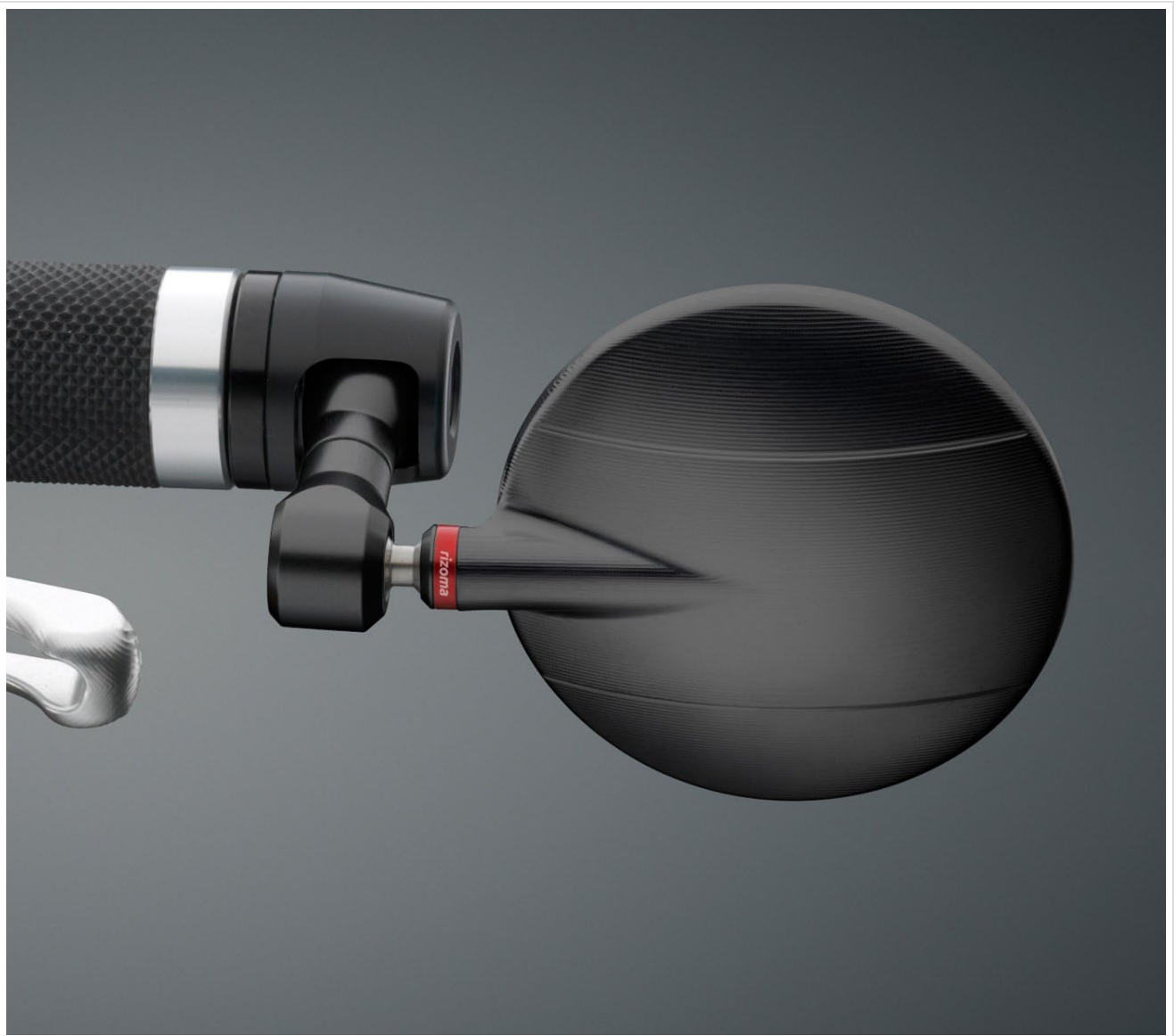


Figure 4.1: Rizoma Spy R 80 Mirror installed on a motorcycle handlebar, showing its sleek profile.

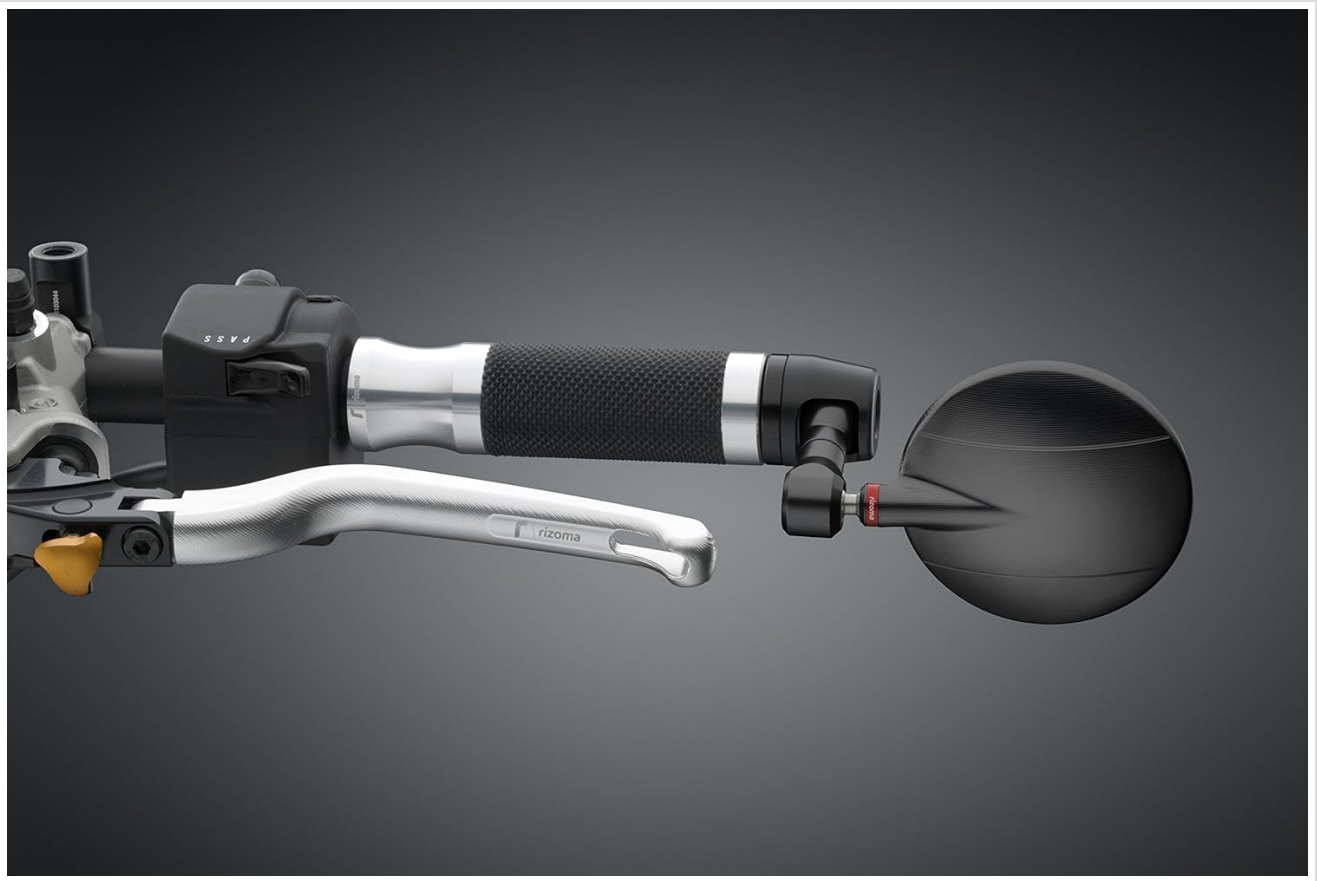


Figure 4.2: A broader view of the Rizoma Spy R 80 Mirror assembly on a handlebar, illustrating its integration with the motorcycle's controls.

Fitment Chart for LP200B Adapter:

The LP200B adapter is designed for universal fitment on handlebars with an inside diameter of 13-20mm. For specific motorcycle models and their compatibility, please refer to the chart below. If your motorcycle is not listed, measure the inside diameter of your handlebar to confirm compatibility.

The universal Adapters are used to mount the PROGUARD on any handlebar with the inner diameter 13 - 25 mm.

The specific adapters listed below are for motorcycles that do not have a hollow bar with an ID between 13 mm and 23 mm or that have a specific mounting requirement.

Adapters for handlebars ø 13-20 / 20-23 mm			
■	Ø (mm)		
LP200B	13 - 20		
LP400B	20 - 23		

Adapters for OEM handlebars			
Brand	Model	Year	■
APRILIA*	RSV4	09 -	LP200B
BMW*	R nineT	14 -	LP325B
BMW*	F 800 R	09 - 14	LP322B
BMW*	K 1200 R	06 - 09	LP305B
BMW*	K 1300 R	09 -	LP320B
BMW*	R 1200 GS	13 -	LP324B
BMW*	R 1200 GS ADVENTURE	14 -	LP324B
BMW*	R 1200 R	15 -	LP324B
BMW*	R 1200 R CLASSIC	15 -	LP324B
BMW*	R 1200 R	06 - 14	LP320B
BMW*	R 1200 R CLASSIC	06 - 14	LP320B
BMW*	S 1000 R	14 -	LP325B
BMW*	S 1000 RR	10 -	LP321B
BMW*	S 1000 XR	15 -	LP324B
BMW*	C 600 SPORT	12 -	LP323B
BMW*	C 650 GT	12 -	LP323B
BUELL*	All	All	LP200B
DUCAPI*	1299 PANIGALE	15 -	LP300B
DUCAPI*	1299 PANIGALE S	15 -	LP300B
DUCAPI*	899 PANIGALE	14 -	LP300B
DUCAPI*	1199 PANIGALE	12 -	LP300B
DUCAPI*	1199 PANIGALE S	12 -	LP300B
DUCAPI*	Other models	All	LP200B
HARLEY-DAVIDSON*	All	All	LP400B
HONDA*	All	All	LP200B
KAWASAKI*	All	All	LP305B
KTM*	All	All	LP200B
MV AGUSTA*	BRUTALE 675	12 -	LP335B
MV AGUSTA*	BRUTALE 800	13 - 15	LP335B
MV AGUSTA*	BRUTALE 800	13 - 15	LP335B
MV AGUSTA*	BRUTALE 750	All	LP200B
MV AGUSTA*	BRUTALE 910 / 920 / 989	All	LP200B
MV AGUSTA*	BRUTALE 1078 / 1090	All	LP200B
MV AGUSTA*	F3 675	12 -	LP200B
MV AGUSTA*	F4 750 / F4 1000	All	LP200B
SUZUKI*	All	All	LP200B
TRIUMPH*	SPEED TRIPLE 1050	11 - 15	LP310B
TRIUMPH*	SPEED TRIPLE 1050 R	11 - 15	LP310B
TRIUMPH*	STREET TRIPLE 600	15 -	Included
TRIUMPH*	STREET TRIPLE ¹	13 -	Included
TRIUMPH*	STREET TRIPLE RP	13 -	Included
TRIUMPH*	STREET TRIPLE	07 - 12	LP310B
TRIUMPH*	STREET TRIPLE R	07 - 12	LP310B
TRIUMPH*	Other models	All	LP200B
YAMAHA*	MT-09 TRACER / FJ-09	15 -	LP335B
YAMAHA*	YZF-R6	06 -	Included
YAMAHA*	YZF-R6	09 - 06	LP200B
YAMAHA*	YZF-R1	06 -	Included
YAMAHA*	Other models	All	LP300B

* Do not fit with the original hand protectors.

* TRIUMPH* STREET TRIPLE / STREET TRIPLE R - YEAR 2013: PROGUARD SYSTEM* Right side only - adapter included.

Figure 4.3: Official fitment chart detailing compatible motorcycle models and handlebar inner diameters for the Proguard LP200B Adapter.

5. OPERATING INSTRUCTIONS

Once installed, the Rizoma Spy R 80 Mirror requires minimal operation. Its primary function is to provide clear rearward visibility.

- **Adjustment:** The mirror head can be pivoted and rotated to fine-tune your field of view. Adjust it while seated in your normal riding position to minimize blind spots.
- **Anti-Glare Feature:** The concave anti-glare glass is designed to reduce glare from headlights and sunlight, improving visibility in various lighting conditions.

6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Rizoma Spy R 80 Mirror.

- **Cleaning:** Clean the mirror glass and body with a soft, damp cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could scratch the glass or finish.
- **Inspection:** Periodically inspect the mirror for any signs of damage, such as cracks in the glass or bends in the housing. Check all mounting points for corrosion or looseness.
- **Tightness Check:** Regularly check the tightness of the mounting bolts, especially after riding on rough terrain or after significant temperature changes.

7. TROUBLESHOOTING

If you encounter issues with your Rizoma Spy R 80 Mirror, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Mirror vibrates excessively	Loose mounting bolts; improper adapter fitment; engine vibration	Ensure all bolts are tightened securely. Verify the LP200B adapter is correctly seated and expanded within the handlebar. Some engine vibration is normal, but excessive vibration may indicate a loose component.
Poor rear visibility	Incorrect mirror angle; obstruction	Adjust the mirror head to optimize your field of view. Ensure no part of your body or motorcycle is obstructing the mirror's surface.
Mirror feels loose after installation	Mounting bolts not sufficiently tightened; adapter not fully expanded	Re-tighten all mounting bolts. Ensure the LP200B adapter is properly installed and expanded to create a secure fit within the handlebar.

8. SPECIFICATIONS

Key technical specifications for the Rizoma Spy R 80 Mirror:

- **Brand:** RIZOMA
- **Model:** BS285B
- **Color:** Black
- **Mirror Diameter:** 80mm
- **Mounting Type:** Handlebar Mount (Bar-End)
- **Adapter Compatibility:** Handlebars with 13-21mm inside diameter (Proguard LP200B Adapter included)
- **Mirror Shape:** Round

- **Lens Curvature:** Concave, Anti-Glare
- **Item Weight:** Approximately 1.11 pounds (0.5 kg)
- **Manufacturer:** Rizoma

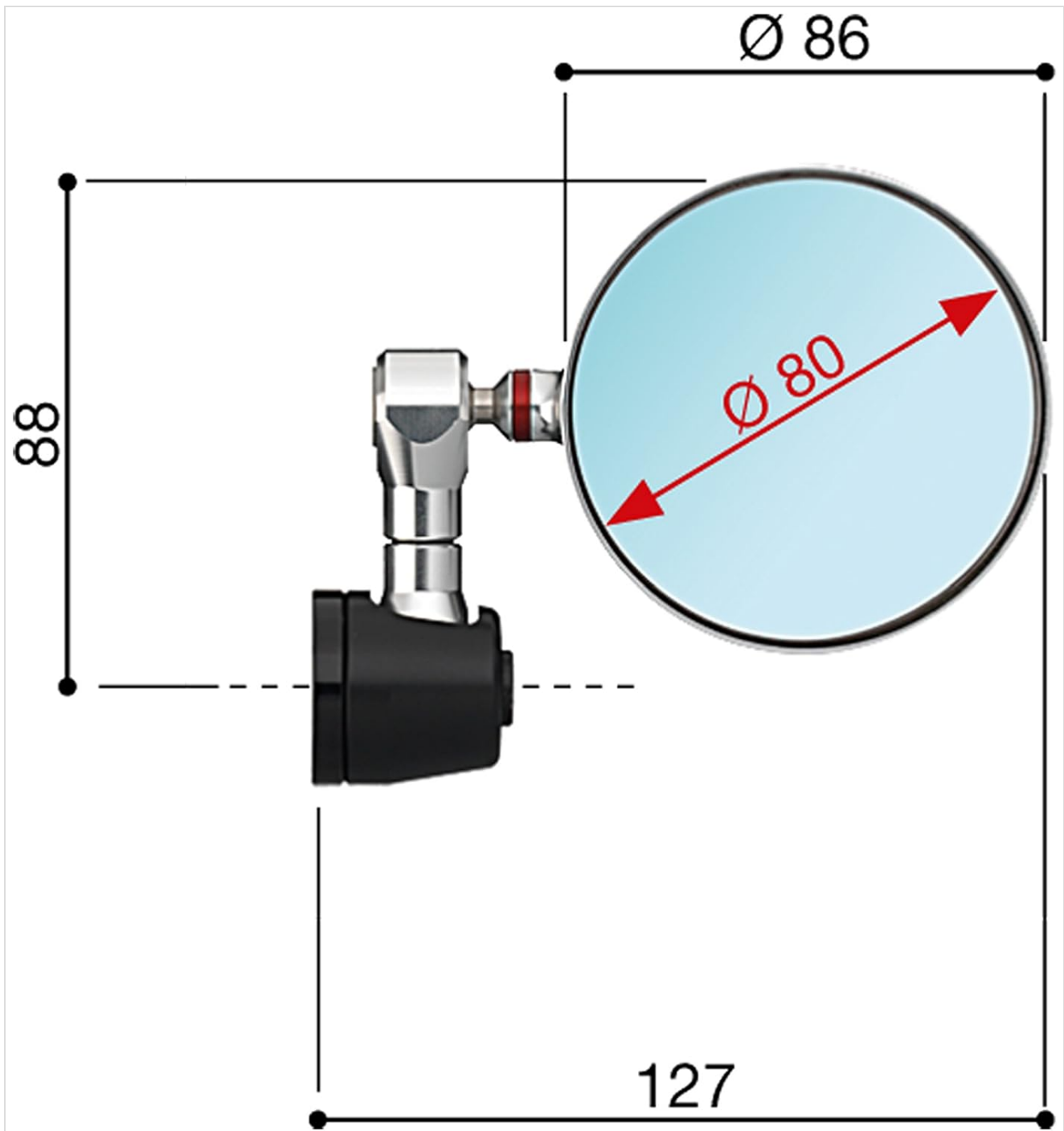


Figure 8.1: Detailed technical drawing showing the dimensions of the Rizoma Spy R 80 Mirror and its adapter.







9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation provided with your purchase or visit the official Rizoma website. Warranty terms and conditions may vary by region and retailer.

If you require technical support, have questions about installation, or need assistance with a defective product, please contact the authorized Rizoma dealer or the point of purchase. Provide your product model number (BS285B) and purchase details when seeking support.

For general inquiries, you may also visit the official Rizoma website: www.rizoma.com

Related Documents - BS285B

	Rizoma Spy-Arm Mirror BS300 Installation Manual Comprehensive installation guide for the Rizoma Spy-Arm Mirror (BS300), detailing step-by-step instructions for mounting and adjusting the mirror on motorcycle handlebars. Includes safety warnings and product information.
	Rizoma BS837 Mirror, Proguard, Bar-End Plug Mounting Kit User Manual Comprehensive user manual for the Rizoma BS837 mounting kit, providing detailed instructions for installing mirrors, proguard, and bar-end plugs on motorcycles. Includes safety guidelines and product information.
	Rizoma BS835 Mirror, Proguard, Bar-End Plug Mounting Kit - User Manual & Installation Guide Official user manual and installation guide for the Rizoma BS835 mounting kit, designed for mirrors, proguard systems, and bar-end plugs on motorcycles. Includes safety warnings and step-by-step instructions.
	Rizoma BS844 'E-Pop' Mounting Kit Installation Guide Comprehensive installation guide for the Rizoma BS844 'E-Pop' Mounting Kit, providing step-by-step instructions, safety warnings, and technical specifications for motorcycle mirror installation.
	Rizoma LP300 Proguard System and End Mount Mirror Mounting Kit User Manual User manual for the Rizoma LP300 Proguard System and End Mount mirror mounting kit, providing installation instructions, safety warnings, and general information for motorcycle riders.
	Rizoma Stealth Mirror BSS010 - Installation Guide and User Manual Detailed installation instructions and user guide for the Rizoma Stealth Mirror (Part Number BSS010). Learn how to safely mount, adjust, and maintain your Rizoma mirrors. Includes important safety warnings and legal information.