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SKS Sks Basic

SKS GERMANY B55 Bluemels Fender Set Instruction Manual

Model: Sks Basic (B55) | For 700c (28") Wheels, 38-47mm Tire Width

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your SKS GERMANY B55 Bluemels Fender Set. These fenders are designed to protect you and your bicycle from water and debris during cycling. The Bluemels fenders feature a durable "sandwich" technology, where aluminum strips are embedded in a plastic housing for enhanced strength and longevity. They also incorporate the ASR Safety Release System for the front stays.

2. PRODUCT OVERVIEW

2.1 What's in the Box

- Front Fender
- Rear Fender
- Stainless Steel Stays/Struts
- Mounting Hardware (bolts, nuts, washers, shims)
- Sliding Bridge Clip
- Instruction Manual

2.2 Product Components

The SKS Bluemels Fender Set includes both front and rear fenders, designed for comprehensive coverage. The fenders are supported by stainless steel stays, which attach to the bicycle frame. The front fender features the ASR Safety Release System, allowing the stays to uncouple if debris gets caught in the spokes. The rear fender includes a cutout for easier mounting and adjustability near the bottom bracket.



Figure 1: SKS GERMANY B55 Bluemels Fender Set components, including front and rear fenders with their respective stays and mounting hardware.

3. COMPATIBILITY

Ensure your bicycle meets the following compatibility requirements before installation:

- **Wheel Size:** This fender set is designed for 700c (28") wheels.
- **Tire Width:** Compatible with tire widths ranging from 38mm to 47mm. Verify your tire's sidewall for this information.
- **Frame Mounting Eyelets:** Your bicycle frame must have mounting eyelets for bolt-on fender installation. If eyelets are absent, frame/fork mounting clamps can be purchased separately as an alternative.
- **Fender Profile Width:** The fender's profile width (55mm for this model) must fit between your bicycle's seat stays and fork legs.
- **Rear Sliding Bridge Clip:** The rear seat stay bridge must have a hole to mount the sliding bridge clip. The clip is flip-style and can be bolted to either the underside or front side of the bridge.
- **Disc Brakes:** If your bike has disc brakes, shims are included in the set to provide clearance for mounting the stays around the disc brake caliper.



Figure 2: An example of a bicycle with SKS Bluemels fenders installed, illustrating the intended fit and aesthetic.

4. SETUP AND INSTALLATION

Installation of bolt-on full fenders requires mechanical skill and typically takes approximately 2 hours. Please gather the necessary tools before beginning.

4.1 Required Tools

- Measuring Tape
- Hacksaw
- File
- 7mm Wrench
- 8mm Wrench
- 4mm Allen Wrench

4.2 Installation Steps (General Guide)

1. **Prepare the Bicycle:** Ensure your bicycle is stable, preferably on a stand. Removing the wheels can simplify the installation process.
2. **Initial Fender Placement:** Position the front and rear fenders over their respective wheels to assess initial fit and clearance.
3. **Attach Stays to Fenders:** Secure the stainless steel stays to the designated mounting points on the fenders using the provided hardware.
4. **Mount Fenders to Frame:** Attach the fender stays to the frame's mounting eyelets. For disc brake equipped bikes, use the included shims to ensure adequate clearance between the stays and the brake caliper.
5. **Adjust Stay Length:** Once the fenders are loosely mounted, adjust the length of the stays to achieve optimal fender position and tire clearance. The fenders should sit "unstressed" to maximize their lifespan.

6. **Trim Excess Stays:** Mark the excess length of the stays. Remove the fenders or carefully trim the stays using a hacksaw. File any rough edges smooth. Ensure all adjustments are finalized before trimming.
7. **Secure All Fasteners:** Tighten all bolts and nuts securely, but do not overtighten.
8. **Final Check:** Spin the wheels to ensure no rubbing occurs. Check for any loose components.



Figure 3: Detail of a fender stay attachment point, showing the bolt and nut assembly.



Figure 4: Front fender mounting bracket secured to the bicycle fork, illustrating the attachment method.

5. OPERATING

Once properly installed, the SKS Bluemels Fender Set operates passively by deflecting water, mud, and road debris away from the rider and bicycle components. The ASR Safety Release System on the front fender is a key operational safety feature. In the event that an object becomes lodged between the front wheel and fender, the stays are designed to uncouple, reducing the risk of the wheel locking up and enhancing rider safety.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fender set.

- **Cleaning:** Clean the fenders regularly with water and a mild soap solution to remove accumulated dirt and grime. Avoid abrasive cleaners that could damage the plastic surface.
- **Inspection:** Periodically check all mounting points, bolts, and stays for tightness and signs of wear or damage. Ensure the fenders maintain adequate clearance from the tires.

- **Material Durability:** The fender material is resistant to varying outdoor weather effects, including corrosion and UV exposure, requiring no special treatment for these conditions.

7. TROUBLESHOOTING

- **Fender Rubbing on Tire:** This is typically caused by improper alignment or insufficient stay adjustment. Loosen the stay attachments, reposition the fender for even clearance around the tire, and then retighten. Ensure the fender is centered over the wheel.
- **Insufficient Disc Brake Clearance:** If the fender stays interfere with disc brake calipers, ensure the included shims are properly installed between the stay and the frame eyelet to create additional space. Minor bending of the stays may be necessary for optimal clearance.
- **Stays Are Too Long:** The stays are designed to be trimmed to length after initial fitting. Use a hacksaw to cut the excess material and a file to smooth any sharp edges. Always confirm final positioning before cutting.
- **Fender Rattling:** Ensure all mounting hardware is securely tightened. Check for any loose connections or points where the fender might be contacting the frame or other components.
- **General Fitment Issues:** Fenders can be finicky to install. If you encounter persistent difficulties, refer to the contact information in Section 9 for assistance.

8. SPECIFICATIONS

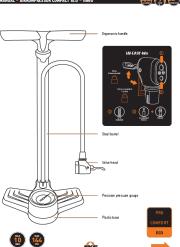
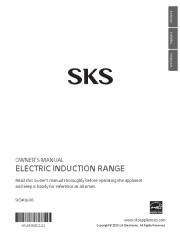
Brand	SKS
Model	SkS Basic
Item Model Number	2254249115
OEM Part Number	11816
Color	Silver
Size	55mm - Fits 28" x 1.4-1.75" & 700c/650b x 38-47
Wheel Size	28 Inches (700c)
Item Weight	8.8 ounces
Manufacturer	SKS Germany
Special Features	Lightweight

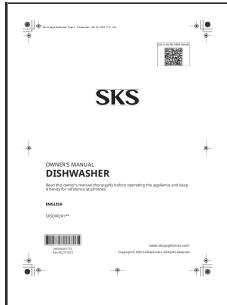
9. WARRANTY AND SUPPORT

For installation assistance, technical questions, or any issues regarding your SKS GERMANY B55 Bluemels Fender Set, please contact SKS USA directly. While specific warranty details are not provided in this manual, SKS products are known for their quality. Retain your proof of purchase for any warranty claims.

Contact Information: Please refer to the SKS USA official website or product packaging for the most current contact details.

Related Documents - Sks Basic

	<p>SKS Airkompressor Compact 10.0 Floor Pump Manual - Maintenance and Repair Official manual for the SKS Airkompressor Compact 10.0 floor pump (model 11660). Provides detailed instructions for replacing the pressure gauge, rubber sealing cuff, recovery system, and valve seals. Includes information on valve compatibility (Schrader, Presta, Dunlop) and maximum pressure.</p>
	<p>SKS SKSIR360IS Electric Induction Range Owner's Manual Official owner's manual for the SKS SKSIR360IS Electric Induction Range, providing comprehensive instructions on installation, operation, safety, maintenance, and troubleshooting for optimal use.</p>
	<p>SKS Built-in Refrigerator Installation Manual Comprehensive installation manual for the SKS Built-in Refrigerator (models SKSFD4826SP, SKSFD4826MT). Provides detailed instructions, safety guidelines, and specifications for proper installation.</p>
	<p>SKS Dual Fuel Range Owner's Manual - SKSDR360 Series Comprehensive owner's manual for the SKS Dual Fuel Range, covering installation, operation, safety, and maintenance for models SKSDR360GS, SKSDR360SS, and SKSDR360SIS.</p>
	<p>SKS Gas Range Owner's Manual: SKSGR360GS, SKSGR360S Comprehensive owner's manual for SKS Gas Ranges (models SKSGR360GS, SKSGR360S), covering safety, installation, operation, maintenance, and troubleshooting. Essential guide for proper appliance use.</p>



[SKS SKSDW241 Dishwasher Owner's Manual](#)

Comprehensive owner's manual for the SKS SKSDW241 dishwasher, covering installation, operation, smart functions, maintenance, troubleshooting, and warranty information.