

Biltwell Gringo SV - Classic Full Face With Shield and Vents

Biltwell Gringo SV ECE R22.06 Motorcycle Helmet

USER MANUAL

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1. Product Overview

The Biltwell Gringo SV ECE R22.06 Motorcycle Helmet is a full-face helmet designed for motorcycle riders, combining classic aesthetics with modern safety and comfort features. This helmet is compliant with ECE 22.06 and US DOT FMVSS No. 218 safety standards.



Image: Side view of the Biltwell Gringo SV helmet in flat black, featuring a clear face shield in the up position.

Key Features:

- **Shell Construction:** Injection-molded ABS outer shell for lightweight durability and impact resistance.
- **Ventilation:** Front, side, and rear vent ports improve interior airflow, moisture dissipation, and cooling. Adjustable vents above the eye port allow regulation of internal airflow.
- **Internal Safety Shell:** New Dual Density expanded polystyrene (EPS) internal safety shell absorbs and dissipates impact energy.
- **Chin Bar:** Molded urethane chin bar pad dissipates energy during front impact.
- **Chin Strap:** Features brushed fleece Lycra touchpoints for comfort and a D-ring retention system with a red quick-release pull tab.
- **Face Shield:** CE-certified, injection-molded polycarbonate shield with anti-fog and anti-scratch treatments. Rugged hinge hardware allows riding with the shield open at slow speeds.
- **Comfort Liner:** Removable and replaceable comfort liner and cheek pads constructed with fleece Lycra and open-cell foam padding for moisture absorption and evaporation.
- **Head Form Panel:** New BioFoam head form panel and ventilated polyester padding maximize airflow.
- **Audio Compatibility:** Molded EPS ear pockets accommodate select aftermarket audio accessories.

2. Safety Information

Always prioritize safety when operating a motorcycle. This helmet is designed to provide protection, but no helmet can protect against all possible impacts. Read and understand all safety warnings before use.

- **Proper Fit:** Ensure the helmet fits snugly and comfortably. An improperly fitted helmet can compromise its protective capabilities. Refer to the sizing chart for guidance.
- **Chin Strap:** Always fasten the chin strap securely using the D-ring system. The strap should be tight enough that the helmet cannot be easily removed by pulling from the back.
- **Impacts:** A helmet that has sustained an impact, even if it appears undamaged, may have compromised structural integrity. It should be replaced immediately.
- **Modifications:** Do not modify the helmet in any way, including drilling holes, applying paint, or attaching accessories not approved by the manufacturer, as this can weaken the shell or liner.
- **Chemicals:** Avoid contact with gasoline, cleaning fluids, paints, or other solvents, as they can damage the helmet materials.
- **Visibility:** Ensure your face shield is clean and free of scratches to maintain clear visibility. Replace scratched shields.

This helmet is certified to meet **US DOT FMVSS No. 218** and **ECE R22.06** safety standards.

3. Setup and Initial Fit

Before your first ride, ensure the helmet is properly set up and fits correctly.

3.1. Sizing and Fit Adjustment

The Biltwell Gringo SV helmet is available in multiple shell sizes to provide a more accurate and comfortable fit. Proper fit is crucial for safety and comfort.

- **Head Measurement:** Measure the circumference of your head at its largest point, typically about one inch above your eyebrows.
- **Try-On:** When trying on the helmet, it should feel snug around your entire head, with no pressure points. The cheek pads should press firmly against your cheeks.
- **Movement Test:** With the chin strap fastened, try to rotate the helmet from side to side and front to back. Your scalp should move with the helmet, indicating a secure fit. If the helmet slides easily, it is too large.
- **Cheek Pad Customization:** The helmet features removable/replaceable cheek pads. Thinner pads can provide a looser fit, while thicker pads offer a tighter fit. Refer to the sizing chart for available options.



CUSTOMIZE YOUR FIT

| HELMET SIZE: | XS | SMALL | MEDIUM | LARGE | XL | XXL |
|--|---|--|--|---|---|--|
| STOCK CHEEK PADS | 29MM 0024-012-5829 | 24MM 0024-012-5824 | 24MM 0024-012-5824 | 19MM 0024-012-5819 | 19MM 0024-012-5819 | 15MM 0024-012-5815 |
| THINNER CHEEK PADS (LOOSER FIT) | 05MM 0024-012-5805 10MM 0024-012-5810 15MM 0024-012-5815 19MM 0024-012-5819 24MM 0024-012-5824 | 05MM 0024-012-5805 10MM 0024-012-5810 15MM 0024-012-5815 19MM 0024-012-5819 | 05MM 0024-012-5805 10MM 0024-012-5810 15MM 0024-012-5815 19MM 0024-012-5819 | 05MM 0024-012-5805 10MM 0024-012-5810 15MM 0024-012-5815 | 05MM 0024-012-5805 10MM 0024-012-5810 15MM 0024-012-5815 | 05MM 0024-012-5805 10MM 0024-012-5810 |
| THICKER CHEEK PADS (TIGHTER FIT) | 33MM 0024-012-5833 | 29MM 0024-012-5829 33MM 0024-012-5833 | 29MM 0024-012-5829 33MM 0024-012-5833 | 24MM 0024-012-5824 29MM 0024-012-5829 33MM 0024-012-5833 | 24MM 0024-012-5824 29MM 0024-012-5829 33MM 0024-012-5833 | 19MM 0024-012-5819 24MM 0024-012-5824 29MM 0024-012-5829 33MM 0024-012-5833 |
| REPLACEMENT LINER KIT (INCLUDES STOCK CHEEK PADS) | 0024-011-5801 | 0024-011-5802 | 0024-011-5803 | 0024-011-5804 | 0024-011-5805 | 0024-011-5806 |

Image: Biltwell Gringo SV Helmet sizing chart detailing helmet sizes (XS-XXL) and corresponding stock, thinner, and thicker cheek pad options with part numbers for customization.

3.2. Face Shield Installation/Removal

The CE-certified polycarbonate face shield is designed for easy installation and removal. Consult the hinge hardware for specific instructions on your model. Ensure the shield is securely attached before riding.



Image: Angled front view of the Biltwell Gringo SV helmet in flat black, showing the clear face shield and hinge mechanism.

4. Operating Your Helmet

4.1. Wearing the Helmet

1. Grasp the chin straps and pull the helmet over your head, ensuring your ears are not folded.
2. Adjust the helmet so it sits level on your head, with the top edge of the eye port just above your eyebrows.
3. Fasten the D-ring chin strap securely. Pull the strap through both D-rings, then back through only the first D-ring. Pull tight against your throat.

4.2. Adjusting Ventilation

The Gringo SV features adjustable vents to control airflow. Locate the adjustable vents above the eye port. Slide or open these vents to increase airflow for cooling and moisture dissipation, or close them to reduce airflow in colder conditions.

4.3. Using the Face Shield

The face shield can be easily raised or lowered. The rugged hinge hardware allows the shield to be held in various open positions, which can be useful for increased airflow at lower speeds. Ensure the shield is fully closed and latched when riding at higher speeds or in adverse weather conditions.



Image: A person wearing the Biltwell Gringo SV helmet in flat black, with the clear face shield raised and sunglasses underneath.

5. Care and Maintenance

Proper care extends the life and maintains the protective qualities of your helmet.

5.1. Cleaning the Outer Shell

- Use a soft cloth or sponge with mild soap and water.
- Avoid abrasive cleaners, solvents, or harsh chemicals, as they can damage the helmet's finish and materials.
- Rinse thoroughly with clean water and air dry.

5.2. Cleaning the Face Shield

- Remove the shield from the helmet.
- Rinse with lukewarm water to remove loose dirt and debris.
- Clean with a soft cloth and mild soap or a specialized helmet shield cleaner.
- Do not use abrasive materials or paper towels, which can scratch the anti-scratch coating.

- Air dry or gently pat dry with a clean, soft microfiber cloth.

5.3. Cleaning the Interior Liner and Cheek Pads

- The comfort liner and cheek pads are removable for cleaning.
- Hand wash with mild soap and cool water.
- Rinse thoroughly and allow to air dry completely before reinserting into the helmet. Do not machine wash or tumble dry.

5.4. Storage

- Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid storing near chemicals or solvents.
- It is recommended to store the helmet in a helmet bag to protect it from dust and scratches.



Image: The Biltwell Gringo SV helmet in flat black, hanging securely from the handlebars of a motorcycle.

6. Troubleshooting

This section addresses common issues you might encounter with your helmet.

6.1. Fogging Face Shield

- **Cause:** Temperature difference between inside and outside the shield, and high humidity from breath.
- **Solution:**
 - Slightly open the face shield to allow airflow.
 - Ensure vents are open to improve internal air circulation.
 - Apply an anti-fog treatment to the inside of the shield.

6.2. Helmet Feels Too Tight/Loose

- **Cause:** Incorrect size or need for cheek pad adjustment.
- **Solution:**
 - Re-evaluate your head measurement against the sizing chart.
 - Consider replacing cheek pads with thinner (for looser fit) or thicker (for tighter fit) options.

6.3. Excessive Wind Noise

- **Cause:** Improper fit, open vents, or gaps around the face shield.
- **Solution:**
 - Ensure the helmet fits snugly and the chin strap is secure.
 - Close all vents if not needed for cooling.
 - Check that the face shield is fully closed and properly seated.

7. Specifications

| Feature | Detail |
|----------------------------|---|
| Model Name | Gringo SV - Classic Full Face With Shield and Vents |
| Manufacturer | Biltwell |
| Part Number | 1006-201-505 |
| ASIN | B0CJCX1K45 |
| UPC | 810084852149 |
| Certificate Type | US DOT FMVSS No. 218 compliant / ECE R22.06 certified |
| Shell Type | Hard (Injection-molded ABS) |
| Number of Vents | 5 |
| Closure Type | Double Ring (D-ring) |
| Material | Plastic (ABS, Polycarbonate, EPS, Lycra, Foam) |
| Color | Flat Black |
| Size (as per product data) | X-Large |

| | |
|--------------------------------|---------------------|
| Item Package Dimensions | 15 x 12 x 12 inches |
| Package Weight | 6 Pounds |
| Suggested Users | unisex-adult |
| Included Components | Owners Manual |

8. Warranty Information

This Biltwell Gringo SV Helmet comes with a **Limited Two-Year Warranty** from the date of purchase.

The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, neglect, accidents, unauthorized modifications, or normal wear and tear. For warranty claims, please retain your proof of purchase and contact Biltwell customer support.

9. Customer Support

For further assistance, questions, or to report issues, please contact Biltwell customer support.

- **Online Support:** Visit the official Biltwell website for FAQs, product information, and contact forms.
- **Manufacturer:** Biltwell Inc.
- **Website:** [Visit the Biltwell Store on Amazon](#)

Please have your helmet's model name (Gringo SV) and part number (1006-201-505) ready when contacting support.