

BELL 7151641

Bell TX501 Culture Motorcycle Helmet User Manual

Model: TX501 (7151641)

1. INTRODUCTION

This manual provides essential information for the proper use, care, and maintenance of your Bell TX501 Culture Motorcycle Helmet. Please read this manual thoroughly before using your helmet to ensure maximum safety and product longevity. The Bell TX501 helmet is designed for motorcycle use and meets Federal Motor Vehicle Safety Standard 218 (FMVSS 218), DOT, and ECE22.06 standards.

Key features include:

- Fiberglass Composite Shell for industry-leading construction.
- Integrated drop-down sun shield with Class 1 optics for superior clarity.
- Velocity flow ventilation system for comfort.
- Premium micrometric buckle closure for secure fastening.
- Removable comfort liner for hygiene and fit.
- Communications compatibility.
- Available in 4 shell sizes to accommodate various head sizes.

2. SETUP AND INITIAL FIT

2.1. Sizing and Fitment

Proper helmet fit is crucial for safety. A helmet should fit snugly around your head without causing pressure points. If the helmet is too loose, it may shift during an impact, reducing protection. If it's too tight, it can cause discomfort and headaches.

1. **Measure Your Head:** Use a cloth measuring tape to measure the circumference of your head at its largest point, approximately one inch above your eyebrows and around the back of your head.
2. **Consult Size Chart:** Refer to the Bell sizing chart (usually available where the helmet was purchased or on the manufacturer's website) to find the recommended size.
3. **Try On the Helmet:** When trying on the helmet, ensure it sits level on your head, with the top edge of the eyeport just above your eyebrows.

4. **Check for Snugness:** The helmet should feel snug all around your head. Your cheeks should be compressed by the cheek pads.
5. **Perform the Roll-Off Test:** With the chin strap securely fastened, try to roll the helmet off your head from the back. If it comes off, it is too large.
6. **Check for Pressure Points:** Wear the helmet for a few minutes to identify any uncomfortable pressure points.



Figure 1: Front view of the Bell TX501 Culture Motorcycle Helmet, matte black finish.

2.2. Chin Strap Adjustment

The micrometric buckle system provides a secure and easily adjustable fit.

1. Insert the ribbed strap into the buckle until it is snug under your chin.
2. Ensure there is no slack in the strap and that it is not too tight to restrict breathing or movement.
3. To release, pull the red tab on the buckle.

3. OPERATING YOUR HELMET

3.1. Wearing the Helmet

Always wear your helmet correctly and securely fastened. Never ride with an unfastened or improperly fitted helmet.

1. Hold the helmet by the chin straps with the front facing you.
2. Expand the opening by pulling the straps outwards.
3. Place the helmet on your head, ensuring it covers your forehead and the eyepoint is level with your eyebrows.
4. Fasten the chin strap securely using the micrometric buckle.



Figure 2: Side view of the Bell TX501 Culture Motorcycle Helmet, showing the shell design.

3.2. Integrated Drop-Down Sun Shield

The TX501 features an integrated sun shield for convenience and eye protection from glare.

1. **To deploy:** Locate the lever on the left side of the helmet. Push the lever downwards to lower the sun shield.
2. **To retract:** Push the lever upwards to raise the sun shield back into the helmet shell.



Figure 3: Front view of the helmet with the integrated sun shield in the down position.

3.3. Velocity Flow Ventilation

The helmet is equipped with a velocity flow ventilation system to help maintain comfort by allowing air circulation.

Air vents are strategically placed on the helmet. These vents are typically fixed to provide continuous airflow. Ensure vents are not obstructed by clothing or accessories.



Figure 4: Rear view of the helmet, highlighting the ventilation exhaust port.

4. MAINTENANCE AND CARE

4.1. Cleaning the Helmet Shell

Clean the helmet shell with a soft cloth, warm water, and mild soap. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the helmet's finish and materials.

4.2. Cleaning the Interior Liner

The interior comfort liner is removable for cleaning.

1. Carefully detach the liner components from the helmet shell.
2. Hand wash the liner with mild soap and water.
3. Rinse thoroughly and allow to air dry completely before re-installing. Do not machine wash or tumble dry.

4.3. Sun Shield Care

Clean the sun shield with a soft, damp cloth and mild soap. Do not use abrasive materials or chemical cleaners, which can scratch or damage the optical coating.

4.4. Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing it

near chemicals or solvents that could degrade the helmet materials.

4.5. Inspection

Regularly inspect your helmet for any signs of damage, such as cracks in the shell, frayed straps, or worn interior padding. If any damage is found, the helmet should be replaced immediately.

5. TROUBLESHOOTING

5.1. Helmet Feels Too Tight or Too Loose

Issue: The helmet feels uncomfortably tight or loose, even after initial fitting.

Solution:

- Re-evaluate your head measurement and compare it to the Bell sizing chart.
- Ensure the helmet is seated correctly on your head.
- If the helmet is consistently too tight or loose, you may require a different size. Helmet sizing is critical for safety and comfort.
- Note that cheek pads can sometimes be replaced with thinner or thicker options to fine-tune the fit. Consult Bell support for availability.

5.2. Sun Shield Does Not Operate Smoothly

Issue: The integrated sun shield is stiff or difficult to deploy/retract.

Solution:

- Inspect the sun shield mechanism for any obstructions or debris.
- Ensure the shield is clean and free of dirt that might impede movement.
- Avoid forcing the mechanism. If the issue persists, contact Bell customer support.

5.3. Excessive Noise While Riding

Issue: Unusually high wind noise or whistling sounds.

Solution:

- Ensure the helmet is properly seated and the chin strap is securely fastened.
- Check that the sun shield is fully retracted or deployed, as a partially open shield can cause noise.
- Verify that all helmet components are correctly assembled and no parts are loose.

6. SPECIFICATIONS

Feature	Detail
Model Number	7151641
Shell Material	Fiberglass Composite
Liner Material	Polyester (Removable Comfort Liner)
Weight	Approximately 3 Pounds (1.36 kg)
Closure Type	Micrometric Buckle
Sun Shield	Integrated Drop-Down, Class 1 Optics
Ventilation	Velocity Flow Ventilation System
Certifications	DOT FMVSS 218, ECE22.06
Shell Sizes	4 Shell Sizes

7. WARRANTY INFORMATION

Any Bell helmet determined by Bell to be defective in materials or workmanship within one (1) year from the date of original purchase will be repaired or replaced, at Bell's option, free of charge. This warranty is valid when the helmet is received at the factory freight prepaid, together with proof of purchase.

This warranty does not cover damage caused by misuse, neglect, accidents, improper fit, modifications, or normal wear and tear. For warranty claims, please contact Bell customer service or the authorized dealer where the helmet was purchased.

8. CUSTOMER SUPPORT

For further assistance, questions, or to report issues with your Bell TX501 Culture Motorcycle Helmet, please contact Bell customer support through their official website or the retailer from whom you purchased the product.

Always refer to the official Bell website for the most up-to-date information, FAQs, and contact details.