

OVERVIEW

The Troxel helmet you have purchased is one of the lightest, best-ventilated and most comfortable helmets available. It is designed to reduce the harmful effects of an impact to the covered part of the head.

Troxel equestrian helmets covered in this Owner's Manual meet ASTM F1163 specifications. Additional certifications, including CE, may apply.

No helmet can prevent all types of head injuries. By fully reading this manual and acquainting yourself with proper helmet fit, care, and features, you may reduce the chance of injury during an impact.

Warning:

- 1. This helmet is designed for equestrian use only.
- 2. WARNING: ASTM/SEI-certified helmets are not certified or tested to protect users against the crushing forces that may be sustained by a horse or other large animal stepping onto the helmet or rolling onto the helmet of its user. If you believe that you are undertaking a form or riding, such as eventing, where there can be a high likelihood of such a crush event, it is important that you realize that this helmet is not designed, nor will it protect you against, such significant crush events.
- 3. Do not leave children unattended using this product, a hazard of strangulation exists. The helmet may become hung up on playground equipment, trees or other fixed objects, resulting in hanging.
- 4. This helmet is not designed for multiple impact use. Impact can cause unseen damage to the helmet. Return for replacement after accident, or destroy helmet and replace.
- 5. Fasten all retention straps securely.
- 6. Follow proper head circumference recommendations. Use correct pad configuration for a proper fit. If a proper fit cannot be achieved, do not wear helmet.
- 7. Do not modify the helmet or its attachments.
- 8. Use only mild soap, water and non-abrasive cloth to clean shell, pads, and retention system. Use of organic chemicals and cleaning solvents can cause unseen damage to the helmet.
- 9. Helmets may be damaged if exposed to temperatures exceeding 130°F (dark gear bags or auto storage temperatures can exceed 180°F on hot summer days). Heat damage is not covered under Troxel's warranty.
- 10. For use by persons who can comfortably support the helmet weight. When used for toddlers, consult your doctor for a safety evaluation.
- 11. This helmet provides no protection to parts of the body it does not cover directly.
- 12. Helmets should not be exposed to or stored near volatile chemicals such as acids, solvents, pool chemicals, paints, paint thinners, fertilizers, insect repellent, pesticides and herbicides. (Storing near any of these solvents can destroy the strapping of the helmet.)
- 13. Due to evolving helmet standards, technologies, and the potential for unseen material deterioration, it is recommended that you replace your helmet every five years.

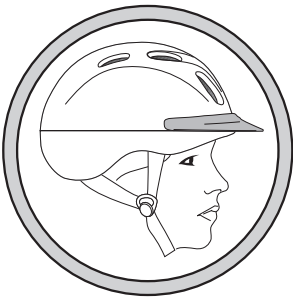
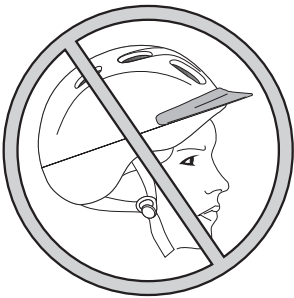
ACHIEVING A PROPER FIT

The importance of a properly-fitting helmet cannot be overemphasized. To be effective, the helmet must fit firmly but comfortably. A helmet that is too loose may slip, possibly reducing its protective capabilities, and one that is too tight may cause discomfort. Try on your helmet.

The next step is to adjust the fit with the aid of the helmet's fit pads and retention system. When adjusted properly, the helmet should sit level on your head, with the front edge just above your eyebrows (see illustration). It should not move around on the head without moving the skin. Proper adjustment of the fit pads and retention system should be checked each time you wear the helmet.

PROPER FIT FOR  
YOUR HELMET

COMFORT PAD SYSTEM



INCORRECTCORRECT

Fit Pads & Flip-Fold™ Pad System:

Try on the helmet with the supplied pad system in place. If the helmet fits your head, then no adjustment is necessary. Add padding to areas where there is a gap between the helmet and your head. For helmets with the Patented\* Flip-Fold system, padding can be increased by folding over the adjustment tabs on the main helmet lining pad. These tabs are identified with the Flip Fold graphic.

RETENTION AND FIT SYSTEMS

Most Troxel helmets have both a 'retention system' and a 'fit system'. The retention system works by using a webbing and buckle system to properly secure the helmet in place during falls. In contrast, the fit system simply holds the helmet comfortably in place while in use.

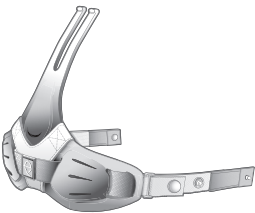
Troxel helmets utilize a simple, quick release buckle retention system that, once adjusted, can be buckled and unbuckled without changing the adjustment. With the helmet properly adjusted, tension should be firm and evenly distributed among all the straps. The helmet should not easily roll forward or backward and it should not be removable without unbuckling the retention system.

Troxel stresses the importance of snugly adjusting and buckling the retention system for every ride. The retention system is extremely strong and essential to the protective function of your helmet. This retention system works independently of the fit system. The fit system such as the GPS™ or Sure Fit™ is not part of the helmet and is not part of the ASTM testing of your Troxel helmet.

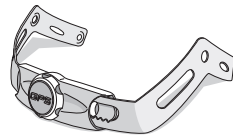
Fit System Adjustment ( SureFit™ and GPSII™ ):

Before placing the helmet on your head, loosen the fit system. Then place the helmet on your head and adjust the fit system until the desired fit is achieved. To adjust your fit system:

- SureFit: Both Pro and Elite systems adjust by fastening the snaps on either side to your preferred levels of tension.



- GPSII: Turn the dial clockwise.



After adjusting the fit system, complete the retention system adjustment. Avoid adjusting the fit system to its extremes. Do not crank the GPSII dial all the way out.

RETENTION SYSTEM ADJUSTMENT:

Grand Prix Classic

- 1. Adjust the length of the rear strap so that the main chin strap falls just in front of the ears.
- 2. Adjust the main chin strap so that there is firm but comfortable tension in the retention system. The helmet should feel secure, and tilting the head forward or backward should not shift the helmet's position. If the helmet does shift, readjust the rear strap to apply more tension.

Rebel, Avalon, Intrepid, Liberty, Reliance, Cheyenne, Venture, Sierra, Capriole, Dakota, Legacy Gold, Legacy, Spirit, and Sport helmets.

- 1. Begin with the side that has the receptacle part of the buckle, by positioning the "side glide" or "slide rings" just below the ear. This is done by adjusting the front and rear webbing through the side glide.
- 2. Position the right-side "side glide" or "slide rings" under the ear by adjusting the webbing. Pull the excess webbing through the prong part of the buckle. Slide one rubber O-ring all the way to the buckle and, finally, insert the excess webbing into the second rubber O-ring. Excess material can be cut away if desired, but allow 1/2"-1" so the webbing does not slip through the buckle.

CARE AND CLEANING

For general helmet care and cleaning recommendations, as well as tips for specific helmet materials, please visit Troxel customer service online.

www.troxelhelmets.com/helmet-care

HELMET REGISTRATION

For warranty service and the Troxel accident replacement program, please register your new product purchase online.

www.troxelhelmets.com/warranty

\*Patent# 6,085,357



Phone: 858-587-7720

Website: [www.troxelhelmets.com](http://www.troxelhelmets.com)

E-mail: [info@troxelhelmets.com](mailto:info@troxelhelmets.com)

For Accident Replacement contact Troxel at  
1-800-288-4280

For International Distributors contact Troxel at  
1-800-288-4280  
or visit [www.troxelhelmets.com/retailers](http://www.troxelhelmets.com/retailers)

## ACCIDENT REPLACEMENT

If your Troxel helmet is ever in an accident, return it to us for replacement. Troxel will replace helmets involved in an accident for up to two years after purchase for a fee.

To qualify for the accident replacement program, please go to our website at [www.troxelhelmets.com/warranty](http://www.troxelhelmets.com/warranty) and complete the "Product Registration" form. This program applies to North America only, outside of North America please contact the distributor in your region for service and support.

## ONE-YEAR LIMITED WARRANTY

Any Troxel helmet found to be defective in materials and/or workmanship within one year from the date of purchase will be repaired or replaced at the option of the manufacturer free of charge when received at the factory, freight prepaid. This warranty applies only to the original purchaser of the helmet and his or her household members. Any modifications made by the user will render the warranty null and void. This warranty is expressly in lieu of all other warranties, and any implied warranties of merchantability or fitness for a particular purpose created hereby are limited to the same duration as the express warranty herein. Troxel shall not be liable for any incidental or consequential damages in connection with the purchase, use or handling of the helmet. Some states do not allow the exclusion or limitation of implied warranties, incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Troxel does not warrant that proper use of this product will protect from serious injury or death.

Note: Normal wear of components is not covered by the repair/replace portion of this warranty. Damage to the helmet due to misuse or dropping the helmet is not covered by the repair/replace portion of this warranty.

To be eligible for the One-Year Warranty you must register your helmet online at [www.troxelhelmets.com/warranty](http://www.troxelhelmets.com/warranty) and/or keep the original or a copy of your receipt as proof of purchase date.

## ABOUT SEI CERTIFICATION

SEI is Safety Equipment Institute, a not-for-profit organization that provides certification services for protective equipment. For equestrian helmets, SEI has selected ASTM standard F1163 as the most appropriate standard for evaluating performance of the helmets. The current version of this standard includes: (1) requirements for coverage of the head, (2) performance under impact with steel anvils, (3) ability of the retention system to withstand a strong jerking load, (4) ability of the retention system to retain the helmet in position on the wearer's head, and (5) information that must be provided by the manufacturer to the consumer.

Because of the rigorous procedures for obtaining SEI certification, the consumer can be sure that any product bearing the SEI mark is manufactured to stringent requirements. Random samples of the product are tested periodically by the SEI-contracted lab, so the manufacturer must be certain that every single product will satisfy all testing requirements. Products certified by SEI can be depended on for consistency, quality, and measurable performance. In the case of equestrian helmets, every helmet bearing the SEI mark must be capable of satisfying the impact and retention requirements of the ASTM standard, which has been proven to reduce the risk of head injuries in equestrian activities.

## INTERNATIONAL CERTIFICATIONS

INSPEC (registration number 0194)  
56 Leslie Hough Way, Salford, M6 6AJ  
United Kingdom

TUV-Rheinland (registration number 0197)  
NB. 0197  
Am Graven Stein  
D-51105 Cologne  
Germany

Complies with PPE Directive 89/686/EEC,  
and satisfies the requirements of BSEN 1384.

More information about certifications and testing can be found at  
[www.troxelhelmets.com](http://www.troxelhelmets.com).

# TROXEL®

PERFORMANCE HEADGEAR



## OWNER'S MANUAL