

OVERVIEW

Read this Owner's Manual in its entirety and follow all instructions. By acquainting yourself with proper helmet fit, care, and features you may reduce the chance of injury during an impact.

The Troxel helmet you have purchased is one of the lightest and most comfortable helmets available. The helmets covered in this Owner's Manual are designed for equestrian use only and are SEI certified to ASTM F1163 specifications.

No helmet can prevent all types of head injuries. Even with a helmet meeting ASTM standards in place, under certain conditions riding or equestrian driving accidents can cause head injury resulting in death. Make sure all retention straps are fastened snugly and securely. If your helmet suffers an impact, it should be destroyed and replaced.

Points to remember:

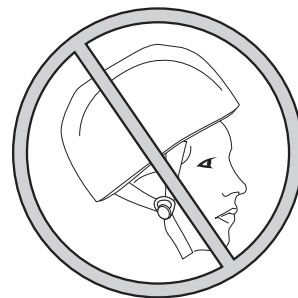
1. This helmet is not designed for motor sport use.
2. WARNING: ASTM/SEI Certified helmets are not certified or tested to protect users against the crushing forces that may be sustained by a horse or other large animal stepping on to the helmet or rolling onto the helmets or its user. If you believe 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. 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.
4. Fasten all retention straps securely and snug.
5. Do not modify helmet portion or its attachments. The hat shape may be modified by a professional.
6. Use only mild soap, water, and a non-abrasive cloth to clean the shell, pads, and retention system. Use of organic chemicals and cleaning solvents can cause unseen damage to the helmet.
7. Helmets may be damaged if exposed to temperatures exceeding 140°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.
8. The hat consists of 2X premium wool felt. It can be worn in light rain with no problem. To care for your hat between wearings, brush with a soft brush in a counter-clockwise direction to remove surface dirt. Do not clean with liquid cleaners. Troxel recommends Az Tex Hats (www.aztexhats.com) for professional shaping and cleaning.
9. For use by persons who can comfortably support the helmet weight. When used for toddlers, consult your doctor for a safety evaluation.
10. This helmet provides no protection to parts of the body it does not cover directly.

11. Helmets and hats should not be exposed to or stored near volatile chemicals such as acids, solvents, pool chemicals, paints, paint thinners, fertilizers, pesticides and herbicides. Storing near any of these solvents can destroy the strapping of the helmet. If accidentally spilled on the hat, these solvents can damage the felt.
12. Due to evolving helmet standards, technologies and the potential for unseen material deterioration, its recommended that you replace your helmet every five years.
13. Do not leave your hat in your vehicle on a warm day or it could lose shape and shrink.
14. Store hat and helmet in its original box at room temperature for safekeeping.
15. Insects such as moths, crickets, silverfish, etc. can eat holes in hats. Troxel recommends you put cedar chips in storage box as a deterrent.
16. Customization and custom colors are available in the Derby Hat through Aztec Hats. Please visit their website: www.aztec-hats.com, or call 1-800-972-2116.

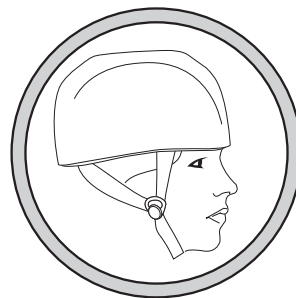
ACHIEVING A PROPER FIT

The importance of a properly fitting helmet cannot be overemphasized. The first step is to find the correct size. 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. If it is too small or too large, exchange it for the proper size.

The next step is to adjust the fit with the aid of the helmet's Flip-Fold™, headliner, fit pads, and proper adjustment of the 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.



INCORRECT



CORRECT

COMFORT PAD SYSTEM

Fit Pads & Flip-Fold™ Pad System:

Try on the helmet with the soft headliner in place. If the helmet fits your head, then no adjustment is necessary. If the helmet feels too long, adjust the padding on the headliner by folding the tabs under in the front and / or the back. If the helmet feels too wide, adjust the padding on the headliner by folding the tabs under on each side.

Patent #6,085,357

RETENTION SYSTEM

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 of the straps. The helmet should not easily "roll" forward or backward and it should not be removable without unbuckling the strap.

To adjust the retention system:

1. Begin with the left side, the side with the receptacle part of the buckle, by positioning the "side glide" just below the ear. This is done by adjusting the front and rear webbing through the side glide. Moving to the right side, pull any excess webbing from the left side through the rear of the helmet to the right side.
2. Position the right-side "side glide" 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 do not cut not so short that it could slip through the buckle.

CARE AND CLEANING

Shell: Only mild soap and water should be used for cleaning. Other substances can affect the helmet's materials and compromise its safety benefits. Sizing pads and headliners can be removed and washed in a normal, cold-water washing cycle and air dried.

Hat: Professionally cleaned. To care for your hat between wearings, brush with a soft brush in a counter-clockwise direction to remove surface dirt. The nap can be restored by light brushing with a not-too-stiff brush (an ordinary clothes brush) or even with a rubber eraser. Do not clean with liquid cleaners.

All Helmets: Never use organic cleaners or solvents to clean your helmet. Do not use insect repellent on any part of the helmet. Do not dry the helmet in any way that exposes the helmet directly to extreme heat. Helmets should not be exposed to or stored near volatile chemicals such as acids, solvents, pool chemicals, paints, paint thinners, fertilizers, pesticides and herbicides. (Storing near any of these solvents can destroy the strapping of the helmet.) Do not store helmets anywhere where temperatures may exceed 140°F.

Always store the hat at room temperature, out of direct sunlight, and fitted over the helmet, particularly if the hat is wet or if you plan on storing it for an extended period.

INTERNATIONAL DISTRIBUTORS

Cavalier
649 Ontario St., Stratford, ON
N5A 6S8 CANADA
Phone: (519) 273-3122 . Fax: (519) 273-4215
Website: <http://www.cavalier.on.ca>

USG United Sportproducts Germany GMBH
Industriestrate 4 D 63633 Birstein
GERMANY
Phone: 0 60 54/91 4177 +78 . Fax: 0 60 54/91 4179
Website: <http://www.usg-reitsport.de>

Air-O-Wear, LTD. - Aydon South Farm - Aydon, Corbridge
Northumberland NE45 5PL
UNITED KINGDOM
Phone: 01434 632 816 . Fax: 01 4324 632 849
Website: <http://www.airowear.com>

Register your Troxel Helmet at
www.troxelhelmets.com/warranty

TROXEL
PERFORMANCE HEADGEAR

Phone: 858-587-7720
Website: www.troxelhelmets.com
E-mail: info@troxelhelmets.com

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

ACCIDENT REPLACEMENT

Following an accident, the helmet portion of your Hat Helmet System must be replaced but not your hat. Contact Troxel via www.troxelhelmets.com to order a helmet replacement that fits your hat. Once your helmet replacement has arrived, remove your damaged helmet and place your new helmet inside your hat. Return your damaged helmet to Troxel in the box used to send you the replacement helmet. Do not ship your hat to Troxel. It will not be replaced as part of the accident replacement program. Replacement hats (if torn, weathered, etc.) may be ordered separately. See www.troxelhelmets.com.

To qualify for the accident replacement program, please go to our Web site at www.troxelhelmets.com and complete the "Product Registration" form and follow the accident replacement instructions. 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.

To register your Troxel helmet for the warranty program, please visit www.troxelhelmets.com/warranty

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)
Upper Wingbury Courtyard, Wingrave
Aylesbury, Buckinghamshire HP22 4LW
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.

TROXEL
PERFORMANCE HEADGEAR



DERBY & WESTERN HAT OWNER'S MANUAL