

GENTEX[®]

ACTIVE SHOOTER HELMET KIT

OPERATOR'S MANUAL

Featuring:



FOR LAW ENFORCEMENT AND SPECIAL OPS

Equipped with Ops-Core Multi-Hit Handgun Face Shield

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INTRODUCTION

Pre-Configured for Quick Use by Law Enforcement Patrol & Special Operations Teams

The Gentex® Active Shooter Helmet Kit is a Tactical Ballistic Helmet (TBH) System, preconfigured with the Ops-Core® Multi-Hit Handgun Face Shield, and ideal for law enforcement first responders and active shooter situations. The base shell provides head protection against handgun, fragmentation, blunt force trauma, and environmental threats, while the face shield protects the face from handgun threats. Additional stability, and increased protection and comfort is added by the Ops-Core ACH 360° Liner Kit and 4-Point Head-Loc™ H-Nape Chinstrap. The Gentex Active Shooter Helmet Kit is meant to be stored in law enforcement patrol vehicles for immediate access in critical response situations.

ACTIVE SHOOTER HELMET KIT INCLUDES:

(1) Gentex TBH-III A Helmet Shell equipped with the Ops-Core Multi-Hit Handgun Face Shield, Ops-Core Accessory Rail Connectors (ARCs), Ops-Core 360° Liner and 4-Point Head-Loc H-Nape Chinstrap

Gentex TBH-III A
Helmet Shell

Ops-Core Accessory Rail
Connectors (ARCs)

Ops-Core Multi-Hit
Handgun Face Shield

Ops-Core 360° Liner

Ops-Core 4-Point Head-Loc
H-Nape Chinstrap



COMPONENTS



TBH HELMET SHELL

- Low cut shell
- Protection against handgun, fragmentation, blunt force trauma, and environmental threats



OPS-CORE MULTI-HIT HANDGUN FACE SHIELD

- Defends against multiple impacts from handgun threats
- Ballistic protective lens: 9mm 124gr FMJ @ 1,400 fps (427 m/s) and 44 Cal Magnum 240gr SWCGC @ 1,400 fps (427 m/s)



OPS-CORE ACCESSORY RAIL CONNECTORS (ARCS)

- Durable, lightweight construction
- Multiple non-snag attachment points



OPS-CORE 360° LINER

- Maintains blunt impact protection
- Designed not to retain water or sweat



OPS-CORE 4-POINT HEAD-LOC H-NAPE CHINSRAP

- Designed for improved stability
- Custom webbing weave provides greater durability and ventilation

SIZING GUIDE

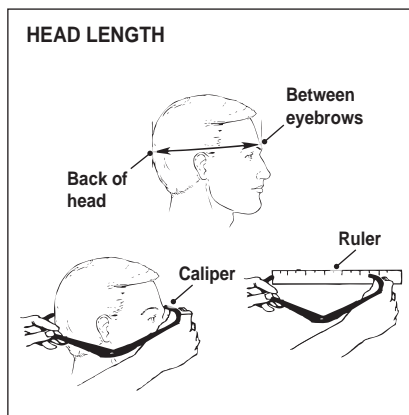
Determining Helmet Size

Helmet sizes are Small, Medium, Large, and X-Large. To determine size, you must (1) measure and record the wearer's head length, (2) measure and record the wearer's head breadth, (3) measure and record the wearer's head circumference, and (4) select the proper helmet size based on the sizing charts provided.

TOOLS/EQUIPMENT NEEDED: Caliper, Ruler, and Tape measure

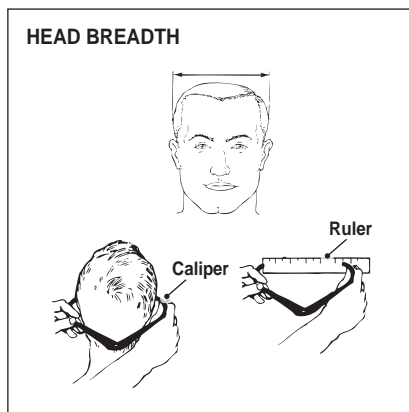
1 MEASURE HEAD LENGTH

Use a caliper and a ruler to measure the distance (to the nearest 1/16 inch) from the point between the eyebrows to the back of the head. Ensure that the caliper touches the skin lightly and does not indent the skin. Record the measurement.



2 MEASURE HEAD BREADTH

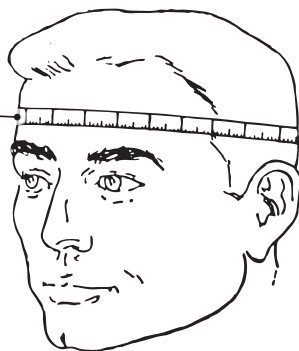
Use a caliper and a ruler to measure the maximum head width (to the nearest 1/16 inch) above the ears. Ensure that the caliper touches the skin lightly and does not indent the skin. Record the measurement.



3 MEASURE HEAD CIRCUMFERENCE

Use a tape measure to determine the maximum head circumference (to the nearest 1/16 inch) above the ears. Ensure that the caliper touches the skin lightly and does not indent the skin. Record the measurement.

Tape measure



4 SELECT HELMET SIZE

Referring to the tables below (for inches or millimeters), select the helmet size based on head length, head breadth, and head circumference.

INCHES:

Helmet Size	Head Length (in.)	Head Breadth (in.)	Head Circumference (in.)
Small (S)	Up to 7¼	Up to 6½	Up to 21¼
Medium (M)	7¼ to 7¾	6½	21¼ to 22½
Large (L)	7¾ to 8¼	6½	22½ to 23½
Extra Large (XL)	8¼ and greater	6½ and greater	23½ and greater

MILLIMETERS:

Helmet Size	Head Length (mm)	Head Breadth (mm)	Head Circumference (mm)
Small (S)	Up to 184	Up to 165	Up to 539
Medium (M)	184 to 196	165	539 to 571
Large (L)	196 to 209	165	571 to 596
Extra Large (XL)	209 and greater	165 and greater	596 and greater

NOTE: For best sizing, wear the helmet with all forms of equipment that will be used during an operation. Include length of hair, balaclava, cold-weather gear, protective mask, and communication equipment. If unable to obtain size with actual helmets, select largest size helmet based on any of the three measurements obtained using a caliper and/or tape measure.

LINER SETUP

⚠ WARNING

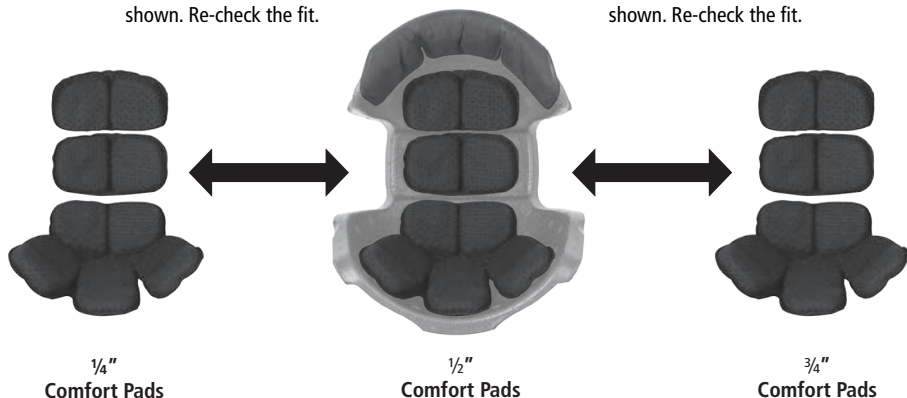
Ensure the helmet is properly adjusted for a snug, secure fit at all times when the helmet is worn. Failure to do so can result in an unstable helmet that will not protect the wearer.

1 PLACE THE HELMET ON THE HEAD

Leave the chin strap loose for now. Allow the helmet to settle on the head for a few minutes before checking the fit. Ensure that the front pad is just above the eyebrows. If necessary, adjust the fit as follows:

Helmet too high or too tight:

Remove the 1/2-inch-thick comfort pads and install the 1/4-inch-thick pads as shown. Re-check the fit.

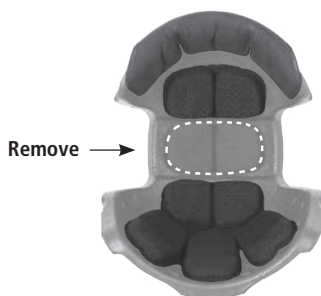


Helmet too low or too loose:

Remove the 1/2-inch-thick comfort pads and install the 3/4-inch-thick pads as shown. Re-check the fit.

HEADSET PAD CONFIGURATION

For use of the 360° Liner in conjunction with a banded headset, simply remove the Comfort Pad located at the crown as shown below.



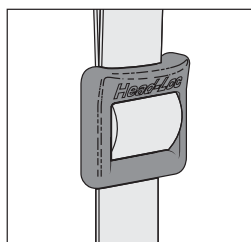
CHINSTRAP OPERATION

⚠ WARNING

Ensure the helmet is properly adjusted for a snug, secure fit at all times when the helmet is worn. Failure to do so can result in an unstable helmet that will not protect the wearer.

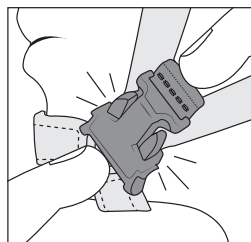
1 LOOSEN HEAD-LOC SLIDERS

Loosen all (4) Head-Loc Sliders by sliding them away from the chin cup.



2 CONNECT CHINSTRAP BUCKLE

Place the helmet on your head and connect the low profile chinstrap buckle. This is easiest when placing your index fingers behind each side of the buckle as shown.



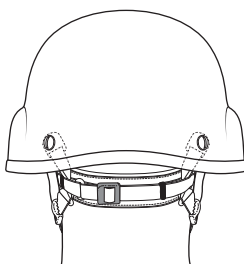
3 TIGHTEN FRONT STRAPS

Tighten the front straps by pulling the Head-Loc Sliders toward your chin.



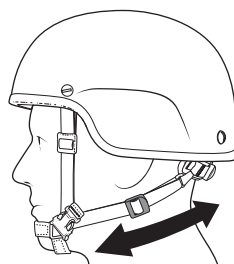
4 ADJUST NAPE PAD

Position comfortably (as low as possible) on the back of your head. Pull Head-Loc Slider with your right hand.



5 TIGHTEN SIDE STRAPS

Tighten the side straps by pulling the Head-Loc Sliders toward your chin.

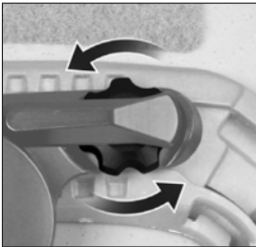


FACE SHIELD OPERATION

The Ops-Core Multi-Hit Handgun Face Shield features a new ARC mounting mechanism that allows for secure and stable attachment. When properly installed, the face shield transforms any helmet into the ultimate defense against multiple impacts from handgun threats.

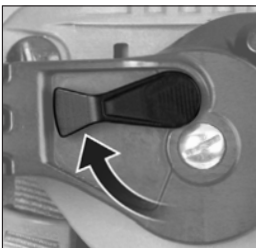
1 FORE/AFT POSITIONING

Loosen both Thumb Knobs by rotating counterclockwise. Locate the desired fore/aft position and tighten both Thumb Knobs clockwise.



2 ADJUSTING THE FACE SHIELD

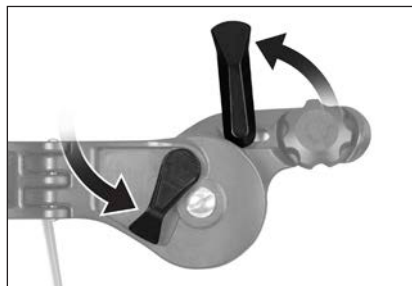
Release both Brake Locking Handles and adjust the face shield to desired position. Rotate the Brake Locking Handle to secure.



FACE SHIELD INSTALLATION

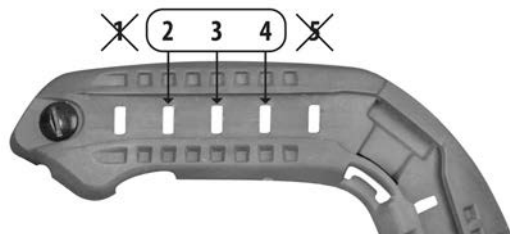
1 PREPARE THE FACE SHIELD

Rotate both Brake Locking Handles to the locked position and both Rail Mounting Handles to the open position.

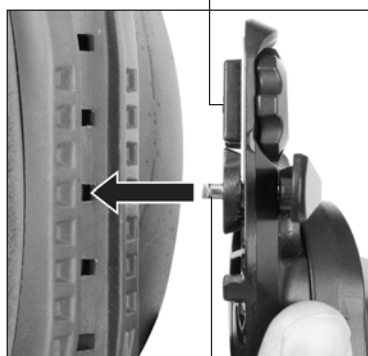


2 INSERT CONNECTOR SHOES

Align and insert both Accessory Rail Connector Shoes into the ARC Rails on your helmet until the T-Lock engages with the desired ARC Rail slot, using slot 2, 3, or 4 only. Be sure to align to the same slot on both sides.



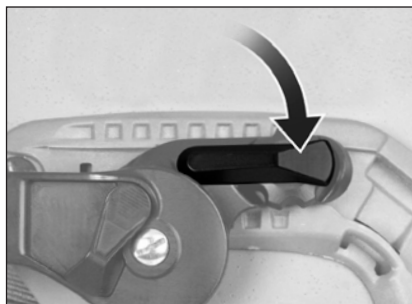
Accessory Rail Connector (ARC) Shoe



T-Lock

3 FASTEN RAIL MOUNTING HANDLES

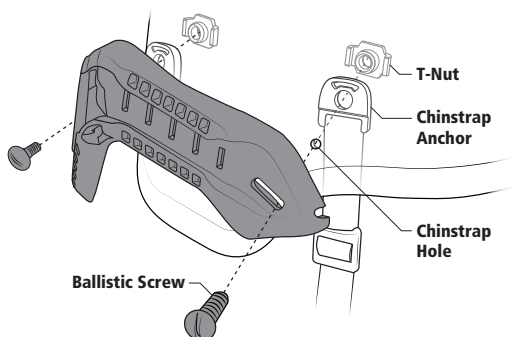
Fasten both Rail Mounting Handles to secure the face shield in place.



ARC OPERATION

The Ops-Core Accessory Rail Connectors (ARCs) transform ACH style helmets into a streamlined platform capable of integrating mission enhancing components and accessories such as visors, mandibles, lights, and cameras. Multiple non-sag attachment points provide quick, easy, and secure donning and doffing of accessories and clean routing of external wires and cables in a streamlined configuration to minimize user distraction.

ACH-ARC ASSEMBLY

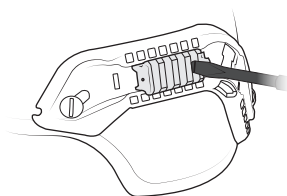
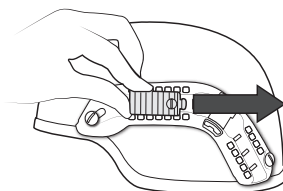
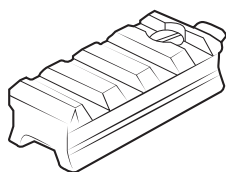


PICATINNY ADAPTER

Connects devices compatible with 1911 Picatinny Rail

- 1 Slide Picatinny Adapter to preferred position on the ACH-ARC.

- 2 Tighten screw to lock the adapter into place.

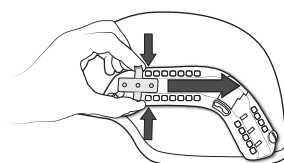
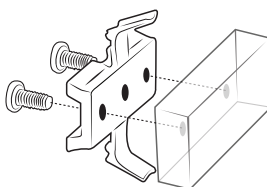
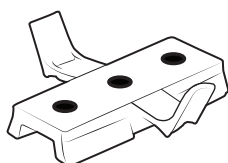


WING-LOC ADAPTER

Use as a base to mount a variety of headborne accessories

- 1 Attach desired accessory to Wing-Loc Adapter using the through-holes.

- 2 Pinch tabs on the Wing-Loc Adapter and slide to preferred position on the ACH-ARC.



MAINTENANCE

PREVENTIVE MAINTENANCE CHECKS

Perform preventive maintenance tasks for each component as described in the table below.

Component	Examine for:	Helmet is not ready if:
Helmet Shell	<ul style="list-style-type: none"> ■ Gouges, scrapes, cracks, delamination or other damage extending below the paint ■ Loose or damaged edging 	<ul style="list-style-type: none"> ■ Gouges, scrapes, cracks, delamination or other damage extends below the paint ■ Edging is loose or damaged
Suspension (Pad/Liner)	<ul style="list-style-type: none"> ■ Cuts, tears or other damage to outer fabric or inner foam ■ Exposed foam ■ Pads that do not return to original shape when squeezed ■ Worn hook/pile fasteners 	<ul style="list-style-type: none"> ■ Pads are torn, cut, or otherwise damaged ■ Foam is exposed ■ Pads do not return to original shape when squeezed ■ Hook/pile fasteners fail to hold pads in place
Retention (Chin Strap)	<ul style="list-style-type: none"> ■ Cuts, frays or other damage; or loose or damaged stitching in the webbing ■ Missing, cracked, worn, or damaged Head-Loc buckle or Tri-Glide adjustment ■ Loose or missing screw or T-nut 	<ul style="list-style-type: none"> ■ Webbing is frayed more than ½ inch or has a discernible cut; or stitching is loose or damaged ■ Head-Loc buckle or Tri-Glide adjustment is missing, cracked, or worn. ■ Screw or T-nut is loose or missing
Shroud, rails, or bungees (mission-configured helmets)	<ul style="list-style-type: none"> ■ Loose or missing hardware 	<ul style="list-style-type: none"> ■ Hardware is loose or missing

CLEANING

Perform cleaning tasks for each component as described in the table below.

Component	Cleaning Procedure
Helmet Shell	Clean with mild soap and water; use a soft brush. Allow to dry.
Suspension (Pad/Liner)	Spot-clean with mild soap and water; use air pressure to remove dust and dirt. Pads may be machine-washed, but do not machine-dry ; allow to air-dry.
Retention (Chin Strap)	Same as suspension (pad/liner)
Shroud, rails, or bungees (mission-configured helmets)	Wipe with damp cloth

OPERATOR NOTES

[illegible]

OPERATOR NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

