How to Properly Fit
The Schutt® Helmet Systems

MODELS
SCHUTT® DNA™ PRO™, AIR® ADVANTAGE®, PRO-AIR® II™,
AIR VARSITY® COMMANDER™, SCHUTT® YOUTH DNA™ PRO™,
YOUTH ADVANTAGE®, DNA™ RECRUIT® & AIR® JR™

PROPER FIT IS A KEY TO HEAD
PROTECTION & PLAYER COMFORT

WARNING
Keep your head up. Do not butt, ram, spear or strike an opponent with any part of this helmet or faceguard. This is a violation of football rules and may cause you to suffer severe brain or neck injury, including paralysis or death and possible injury to your opponent. Contact in football may result in Concussion/Brain Injury which no helmet can prevent. Symptoms include: loss of consciousness or memory, dizziness, headache, nausea or confusion. If you have symptoms, immediately stop and report them to your coach, trainer and parents. Do not return to a game or contact until all symptoms are gone and you receive medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury.

NO HELMET SYSTEM CAN PROTECT YOU FROM SERIOUS BRAIN AND/OR NECK INJURIES INCLUDING PARALYSIS OR DEATH. TO AVOID THESE RISKS, DO NOT ENGAGE IN THE SPORT OF FOOTBALL.

Schutt® Sports is a corporate sponsor
and proud supporter of USA Football.
FROM THE BEGINNING
In 1973, at the University of Michigan, a new concept in helmetry was introduced and developed for use in a football helmet. This concept was simple, and utilized a basic physical principle—air trapped in a closed system distributes the force of an external impact evenly throughout the entire system. This simple principle applied to a seamless air liner along with other internal components, comprise a helmet system offering protection and great comfort.

RESEARCH IN THE LAB AND ON THE FIELD
Lab tests are conducted for all components of the helmet system, even to the extent of compatibility with a player’s eyes and skin. After the lab tests are completed, Schutt football helmets are then placed in the field for extensive final testing. By working with equipment managers, football coaches and athletic trainers at all levels of play, this field testing has proven invaluable to ensure football players wearing Schutt helmets will have a helmet that works as well on the field as it does in the laboratory.

TODAY AND TOMORROW
We are committed to producing quality football helmet systems, and that commitment is demonstrated in the long and proud history of our products. The most important concern of Schutt Sports is the protection and comfort of the athletes wearing our products. Innovative thinking and commitment to developing quality protective headgear have made Schutt a leader in the football equipment industry. All our models offer great peripheral vision, even weight distribution, simple custom fitting and ease of maintenance. The shells have varied dimensions, thicker in critical areas to strengthen them where faceguards and chinstraps are attached.

Players, equipment managers, football coaches and athletic trainers from around the world—youth leagues to professional teams—prefer the protection, fit, feel, comfort and performance of the Schutt helmet system.

THE FOOTBALL HELMET SYSTEM - WHAT HAS THE HELMET BEEN DESIGNED TO DO?
The football helmet system has been designed and developed to help protect the head, not the neck. All helmet systems are designed with the intent to reduce concussions. No helmet system can prevent or eliminate all concussions. The helmet was originally designed to reduce the incidence of skull fractures and to minimize the occurrence of head and scalp lacerations. The helmet system has accomplished its primary objectives. The helmet has also been designed with shock absorbing characteristics to help attenuate blows and reduce the force of impacts to the head in accordance with the NOCSAE helmet test standard as well as new test protocols being developed by BioKinetics and Associates, Ltd. from research being conducted by the NFL. A football helmet is not designed to prevent cervical dislocation or fracture resulting in spinal cord injury or quadriplegia, nor can the helmet prevent all closed head or brain injuries that may occur as a result of participating in football. The helmet has not been designed to be used as a weapon in the sport of football. The use of the helmet with improper blocking and/or tackling techniques by the athlete may result in serious injury to the athlete and/or the opposing player, in addition to being in violation of the football rules. The rule prohibiting the use of the head as the primary point of contact in blocking and/or tackling has been in place since 1976.
**Helmet Care and Warranties**

**Helmet Warranty**

The warranty for GE LEXAN® poly-carbonate shells (SCHUTT® DNA™ PRO™, AIR® ADVANTAGE®, AIR VARSITY® COMMANDER™, and PRO-AIR® II™) is five (5) years. In order to validate the shell warranty for SCHUTT® DNA™ PRO™, AIR® ADVANTAGE®, AIR VARSITY® COMMANDER™, and PRO-AIR® II™ reconditioning by a Factory Authorized Reconditioner is required. **Use only factory replacement parts to validate the warranty.**

The warranty for ABS shells (SCHUTT® Youth DNA™ PRO™, Youth ADVANTAGE®, DNA™ RECRUIT®, RECRUIT® YFS and AIR® JR™) is three (3) years. Although reconditioning is not required to validate the warranty period for youth helmets, it is recommended that a regular repair and replacement program be adopted until the helmet is retired.

Air liners are warranted for a period of one (1) year.

Helmets covered under the warranties should be returned in **whole with all internal components intact** to the Schutt Sports dealer from whom purchased, along with evidence of the purchase date, for return to the Schutt Sports Manufacturing Company. Schutt will inspect the helmet and will determine the disposition of repair or adjustments, or replacement free of charge.

**Important — Warranty**

You may replace or change any part or component of the Schutt Helmet System as long as you follow the manufacturer’s guidelines. However, alterations, additions or any component deletions or removals you make to the helmet may void this warranty and could adversely affect the protective capabilities of the helmet.

Should there ever be any question regarding the warranty of a helmet and/or the component parts, please contact Schutt Sports for a free helmet inspection.

**Helmet Maintenance/Shell Cleaning**

Maintenance of the Schutt Helmet System is very simple. Any worn component part is easily replaced or changed, and if a fitting adjustment needs to be made accessory parts may be used. These accessories are available from your local Schutt Sports Dealer.

The Model 8500 Varsity Sideline Kit is pre-packaged with many of the items needed to perform routine maintenance for your helmets. If the helmet shell requires cleaning to remove old decals, residue, scuff marks, etc., the Model 7759 Schutt Helmet Care Kit is recommended for this purpose. This kit contains cleaners, polish, sanitizer and deglue to clean 200 - 300 helmets. Replacement bottles are also available. Other products may void warranties and could adversely affect the protective capabilities of the helmet.

Do **not** apply solvents or strong cleaning agents to the helmet shell, liner or interior parts. Many products sold commercially over the counter contain components that will adversely affect the Schutt Helmet System. If you have a question whether a solvent or cleaner is approved, please contact Schutt Sports for information.

If, in cleaning the helmet, the outside WARNING label becomes illegible, the label must be replaced. Call Schutt Sports Customer service for new labels.

**Helmet Usefull Life**

The Schutt Football Helmet has no Usefull Life policy or Mandatory Retirement Age. We do, however, suggest that institutions/teams adopt a program of systematic replacement of helmets as no helmet will last forever. This will help to balance the cost of helmets from year to year as well as keep inventory up to date.

**Air Liners/Needles**

Armor-All® protectant is recommended to keep air liners soft and supple. Remove air liner from helmet before applying.

Do **not** use a mechanical or an electric pump to inflate the air liners.

Use only the Schutt Model 7790 Inflation Needle which is specifically designed for air liners. Other needles may damage the air liner.

Glycerine is the proper inflation needle lubricant. **DO NOT** use a petroleum based product such as petroleum jelly. AIR® is a registered trademark of Schutt Sports.

The name Armor-All® is a registered trademark of Armor-All Products Corporation.

GE LEXAN® is a registered trademark of General Electric.
PRO GLOSS® PAINT
In addition to the standard molded and painted colors, Models 2020 SCHUTT® DNA™ PRO™, 7888 AIR® ADVANTAGE®, 7800 AIR VARSITY® COMMANDER™, 7788 PRO-AIR® II™, 2025 SCHUTT® Youth DNA™ PRO™, 7960 DNA® Recruit® and 7880 Youth ADVANTAGE® are offered in a variety of PRO GLOSS® colors, a paint designed to enhance helmet appearance, and clean up easier, thus reducing maintenance time, and enabling teams to maintain that "new helmet look" for the entire season. Check the Catalog or call Customer Service for color information. If your helmet color is not listed in the Catalog, Schutt Sports has the ability to match any paint color.

PAINT WARNING
Substances applied to the helmet shell which are not compatible with the shell material can cause deterioration, embrittlement and / or breakage, thereby exposing the wearer to unnecessary risk and danger. Usage of non-compatible paints, polishes and/or cleaners will render the helmet shell unsafe for further use and will void warranties. Use only Schutt approved primer, paint, thinner, polishes, and cleaners. For proper helmet painting, contact a Schutt Sports Authorized Reconditioner or Schutt Service Center. Failure to comply will destroy shell integrity and void warranties. If you have any questions concerning paint applications, please call Schutt Sports at 1-866-4SCHUTT.

ADULT HELMET SYSTEMS
The SCHUTT® DNA™ PRO™ helmet does not require any fitting accessories except jaw pads, thus reducing fitting time as well as the investment in accessory fitting components. The AIR® ADVANTAGE®, AIR VARSITY® COMMANDER™, and PRO-AIR® II™ helmets offer the versatility of a custom fit and the ease of maintenance that has helped Schutt become a leader in football helmetry. Designed for high school, collegiate and professional players and meeting or exceeding the NOCSAE Standards as well as new test protocols being developed by BioKinetics and Associates, Ltd. from research being conducted by the NFL, the helmets come pre-drilled for faceguard attachments and feature easily replaceable Front Sizers, Back Sizers, Side Pads, Crown Pad and Jaw Pads to facilitate customized fitting. Air liners for the AIR® ADVANTAGE®, AIR VARSITY® COMMANDER™, and PRO-AIR® II™ are rotationally molded (a process that eliminates seams) and are warranted against leakage. The helmet shells are a tough GE LEXAN® polycarbonate alloy.

MODEL 2020 SCHUTT® DNA™ PRO™
Designed for high school, collegiate and professional use, the DNA™ PRO™ helmet incorporates the first true departure from traditional padding material that the sport of football has seen in the last 30 years! It truly rewrites the code of football helmetry and is the latest in Schutt Sport's helmet innovation and technology. The helmet is designed to provide the player with a customized fit and ease of maintenance at a maximum comfort level. It incorporates features that not only exceed the NOCSAE Standard for football helmets and perform at an optimum level in lower level impact research such as the NFL Concussion Study, but comply with new testing methods related to concussions. These new testing methods are being developed by BioKinetics & Associates, LTD, an independent engineering consultant firm in Ottawa, Canada.

The SCHUTT® DNA™ PRO™ Helmet System combines an advanced shell design and shape based on the shape of the human head. This shell design has a spherical shape to allow for glancing blows to the helmet, a functional ventilation system designed to keep players cool, and specifically designed corrugation contours to increase strength and durability as well as to provide a unique look. The shell is designed with a larger front opening to enhance peripheral vision for the players, elongated earholes to make it easier to put on or remove the helmet, molded-in T-nut holders for easy faceguard installation, SUREFIT™ slots to allow for inside fitting chin straps (if needed) and is decal and striping friendly. The SKYDEX™ cushioning component provides an optimum balance of cushioning, flexibility, and light weight. SKYDEX™ has been used in other sporting goods applications including pole vault boxes and outfield wall padding. Other applications include military paratrooper
helmets, Navy Seal boat decks, and shoe and boot insole cushioning. SKYDEX™ does more with less, i.e., impacts can be absorbed in less space allowing for more comfort. It does not break down like traditional helmet foam and will remain consistent in performance even after tens of thousands of impacts. This provides the player with a consistent fit all year long. In addition, SKYDEX™ is bacteria, mildew, and fungus resistant.

The SUREFIT™ air liner system incorporates soft, comfortable, fit foam to provide the player with unsurpassed comfort. The SUREFIT™ air liner is a two-part system. The lateral air liner fits the back and sides of the helmet while the crown air liner fits the top of the helmet. With the combination of the SKYDEX™ cushioning components and the SUREFIT™ air liner, the only accessory required is jaw pads to make any fitting adjustments which are necessary. These newly designed jaw pads are specific to the SCHUTT® DNA™ PRO™ helmet to provide player comfort while improving protection against side impacts.

Each SCHUTT® DNA™ PRO™ helmet comes with all stainless steel hardware and a stainless steel faceguard designed exclusively for this helmet. The SCHUTT® DNA™ PRO™ helmet is available in molded and painted colors. It fits sizes: (S) 6–6-1/2, (M) 6-1/2–7, (L) 7–7-1/2, (XL) 7-1/2–8.

MODEL 7888 AIR® ADVANTAGE®

Designed for high school, collegiate and professional use, the AIR® ADVANTAGE® helmet system provides player protection by combining a single air inflated liner, a molded foam stabilizer system, and a tough polycarbonate alloy shell. The liner is rotationally molded (a process that eliminates seams) and is warranted against leakage. Custom fitting is facilitated with the Front Sizer, Side Pads, Crown Pad, Jaw Pads and single liner system. With the single liner system, the helmet can be fitted quickly, is comfortable to the player, and is easy for equipment managers, coaches and trainers to work with and maintain. The AIR® ADVANTAGE® helmet is available in molded and painted colors. It fits sizes: (S) 6 1/8-6 1/2, (M) 6 1/2-7, (L) 7-7 1/2, (XL) 7 1/2-8 1/4.

MODEL 7800 AIR VARSITY® COMMANDER™

Designed for high school, collegiate and professional use, the AIR VARSITY® COMMANDER™ is designed to provide the player with a custom fit and ease of maintenance at a maximum comfort level. It incorporates features that comply not only with NOCSAE Standards, but also with new testing methods related to concussions that are being developed by Biokinetics & Associates LTD, an independent engineering consulting firm in Ottawa, Canada. The helmet system combines a single inflatable air liner, a molded foam stabilizer system and a tough polycarbonate alloy shell. The liner is rotationally molded (a process that eliminates seams) and is warranted against leakage. Custom fitting is made easier with a beveled edge, dual density foam Front Sizer that conforms to the player's head. Newly designed Jaw Pads provide player comfort while improving protection against side impacts. A Crown Pad, Side Pads and a single air liner system allow for quick fitting and are easy for equipment managers, coaches and trainers to work with and maintain. It has all stainless steel hardware, and is available in molded and painted colors. The AIR VARSITY® COMMANDER™ is only available in size (XXL) 8–8-5/8, which no other helmet manufacturer currently offers.

MODEL 7788 PRO-AIR® II™

Designed for high school, collegiate and professional use, the PRO-AIR® II™ helmet system provides player protection by combining a single air inflated liner, a molded foam stabilizer system, and a tough polycarbonate alloy shell. The liner is rotationally molded (a process that eliminates seams) and is warranted against leakage. Custom fitting is facilitated with the Front and Back Sizers, Jaw Pads and single liner system. With the single air liner system, the helmet can be fitted quickly, is comfortable to the player, and is easy for equipment managers, coaches and trainers to work with and maintain. The PRO-AIR® II™ helmet is available in molded and painted colors. It fits sizes: (M) 6 1/2-7 and (L) 7-7 1/2.

Note: The PRO-AIR® II™ XL is no longer manufactured. Component parts and liners are still made however. Please see Page 23, Helmet Accessories.
RECONDITIONING-
ADULT HELMET SYSTEMS

In order to validate the helmet warranty (5 years) for SCHUTT® DNA™ PRO™, AIR® ADVANTAGE®, AIR VARSITY® COMMANDER™, and PRO-AIR® II™ helmets, reconditioning by a Factory Authorized Reconditioner is required. **Use only factory replacement parts to validate the warranty.** All helmets must be periodically inspected, cleaned and provided general maintenance. Use only a Factory Authorized Reconditioner and Schutt helmet parts/faceguards to ensure proper reconditioning and recertification. If you have any questions whether a reconditioner is authorized by Schutt, please call Schutt Sports Customer Service at 1-866-4SCHUTT.

YOUTH HELMET SYSTEMS

SCHUTT® Youth DNA™ PRO™, Youth ADVANTAGE®, DNA® Recruit® and AIR® JR™ helmets offer the same ease and versatility as the Adult helmets and also meet the NOCSAE Standards. The four different models are designed for Youth through Junior High and come pre-drilled for faceguard attachment. The helmet shells are made of durable ABS plastics and each model features interchangeable Jaw Pads and other custom-fitting components just as the adult helmet system.

**MODEL 2025 SCHUTT® YOUTH DNA™ PRO™**

Recommended for Youth through Junior High, the SCHUTT® Youth DNA™ PRO™ Helmet incorporates the first true departure from traditional padding material that the sport of football has seen in the last 30 years! It truly rewrites the code of football helmetry and is the latest in Schutt Sport's helmet innovation and technology. The helmet is designed to provide the player with a customized fit and ease of maintenance at a maximum comfort level. It incorporates features that not only exceed the NOCSAE Standard for football helmets and perform at an optimum level in lower level impact research such as the NFL Concussion Study, but comply with new testing methods related to concussions. These new testing methods are being developed by Biokinetics & Associates, LTD, an independent engineering consultant firm in Ottawa, Canada.

The SCHUTT® DNA™ PRO™Helmet System combines an advanced shell design and shape based on the shape of the human head. This shell design has a spherical shape to allow for glancing blows to the helmet, a functional ventilation system designed to keep players cool, and specifically designed corrugation contours to increase strength and durability as well as to provide a unique look. The shell is designed with a larger front opening to enhance peripheral vision for the players, elongated earholes to make it easier to put on or remove the helmet, molded-in T-nut holders for easy faceguard installation, SUREFIT™ slots to allow for inside fitting chin straps (if needed) and is decal and striping friendly.

The SKYDEX™ cushioning component provides an optimum balance of cushioning, flexibility, and light weight. SKYDEX™ has been used in other sporting goods applications including pole vault boxes and outfield wall padding. Other applications include military paratrooper helmets, Navy Seal boat decks, and shoe and boot insole cushioning. SKYDEX™ does more with less, i.e., impacts can be absorbed in less space allowing for more comfort. It does not break down like traditional helmet foam and will remain consistent in performance even after tens of thousands of impacts. This provides the player with a consistent fit all year long. In addition, SKYDEX™ is bacteria, mildew, and fungus resistant.

The SUREFIT™ air liner system incorporates soft, comfortable, fit foam to provide the player with unsurpassed comfort. The SUREFIT™ air liner is a two-part system. The lateral air liner fits the back and sides of the helmet while the crown air liner fits the top of the helmet. **With the combination of the SKYDEX™ cushioning components and the SUREFIT™ air liner, the only accessory required is jaw pads to make any fitting adjustments which are necessary.** These newly designed jaw pads are specific to the SCHUTT® DNA™ PRO™ helmet to provide player comfort while improving protection against side impacts.

Each SCHUTT® Youth DNA™ PRO™ helmet comes with a stainless steel faceguard designed exclusively for this helmet. The SCHUTT® Youth DNA™ PRO™ helmet is available in molded and painted colors. It fits sizes (S) 6–6-1/2, (M) 6-1/2–7, (L) 7–7-1/2, (XL) 7-1/2–8.
MODEL 7880 YOUTH ADVANTAGE®
Recommended for Youth thru Junior High School the Youth ADVANTAGE® helmet system has a single air inflated liner, a foam molded stabilizer system and an ABS shell. The air liner is rotationally molded (a process that eliminates seams) and is warranted against leakage. Custom fitting is facilitated with the aid of the front sizer, side pads, crown pad, jaw pad and single liner system. The SUREFIT™ Slot utilizes an inside fitting chin strap and adjusts for different face sizes. The Youth ADVANTAGE® helmet is available in molded and painted colors. It Fits sizes (S) 6 1/8-6 1/2, (M) 6 1/2-7, (L) 7-7 1/2, (XL) 7 1/2-8 1/4.

MODEL 7960 DNA™ RECRUIT®
Recommended for youth football thru age 14, the DNA™ Recruit® helmet system incorporates the popular look of the SCHUTT® DNA™ shell with a foam molded liner system in an affordable helmet model for the youth football market. The SUREFIT™ Slot utilizes an inside fitting chin strap and adjusts for different face sizes. The DNA™ Recruit® helmet is available in molded and painted colors. It fits sizes (XXS) 6-6 1/4, (XS) 6 3/8-6 1/2, (S) 6 5/8-6 3/4, (M) 6 7/8-7, (L) 7 1/8-7 1/4, (XL) 7 3/8-7 1/2.
NOTE: The Recruit® YFS is no longer manufactured. Component parts and liners are still made, however. Please see Page 23, Helmet Accessories.

MODEL 7898 AIR® JR™
Recommended for younger players through age 14, the AIR® JR™ helmet system has a dual density foam liner padding system and comes with a faceguard attached. The SUREFIT™ Slot utilizes an inside fitting chin strap and adjusts for different face sizes. The helmet is especially geared to the youth league budget. The AIR® JR™ is available in White, Black, Navy and Scarlet. It fits sizes (XS) 6 3/8-6 5/8, (S) 6 5/8-6 7/8, (M) 6 7/8-7 1/8, (L) 7 1/8-7 3/8.

RECONDITIONING-
YOUTH HELMET SYSTEMS
Although reconditioning is not required to validate the warranty for the youth football helmets, SCHUTT® YOUTH DNA™ PRO™, Youth ADVANTAGE®, DNA™ Recruit®, Recruit® YFS and AIR® JR™, it is recommended that a regular repair and maintenance plan be developed until the helmet is retired. All helmets must be periodically inspected, cleaned and provided general maintenance. Use only a Factory Authorized Reconditioner and Schutt helmet parts/faceguards to ensure proper reconditioning and recertification. If you have any questions whether a reconditioner is authorized by Schutt, please call Schutt Sports Customer Service at 1-866-4SCHUTT.

IT WASN’T MADE FOR THIS

Illegal

Spearing & Face Tackling

Illegal

Butt Blocking & Face Tackling

Illegal

Spearing & Head Tackling

The danger in these techniques is that too often the player’s head is not in the proper position when contact is made with the opponent. Executed improperly (head down), the neck is most vulnerable to injury. A blow to the top of the head when the neck is straightened is the most frequent cause of permanent injury. Only legal techniques should be taught or practiced.
Fitting Model 2020 SCHUTT® DNA™ PRO™ and Model 2025 SCHUTT® Youth DNA™ PRO™

Prior to helmet fitting, make sure player reads and understands WARNING found on back of helmet.

The chart below is provided only as a starting point in selecting the proper size helmet. Due to differing head shapes, the chart may not always suggest the proper size selection. Feedback from the player, and close examination by the person fitting the helmet are important factors in obtaining a proper fit.

<table>
<thead>
<tr>
<th>Helmet Sizes</th>
<th>Head Sizes</th>
<th>Head Circumferences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>6-6¼</td>
<td>19-20½</td>
</tr>
<tr>
<td>Medium</td>
<td>6¼-7</td>
<td>20½-22</td>
</tr>
<tr>
<td>Large</td>
<td>7-7¼</td>
<td>22-23½</td>
</tr>
<tr>
<td>X-Large</td>
<td>7¼-8</td>
<td>23½-25</td>
</tr>
</tbody>
</table>

1. Measure player’s head. Use chart below for proper fit. Wetting player’s hair makes initial fit easier.

2. It is important to use a well-lubricated Schutt® Model 7790 Inflation Needle. Glycerine is recommended. DO NOT USE A PETROLEUM JELLY. Insert with a careful twisting motion making sure not to puncture liner’s opposite wall.

3. After putting the helmet on player’s head, insert Schutt® Model 7790 Inflation Needle with the pump into the Lateral Air Liner, which is the bottom inflation site and inflates the sides and back of the helmet. It is recommended that this be done first. Inflate or deflate the liner through the valve as pictured. Proper snugness should usually require zero to three pumps. A “pump” is when all the air is squeezed out. Player should indicate proper snugness level desired during inflation.

4. Insert Schutt® Model 7790 Inflation Needle with the pump into the valve for the Crown Air Liner, which is the top inflation site and should be used when making a crown adjustment. Inflate or deflate the liner through the valve as pictured to insure proper fit. Proper fit should usually require zero to two pumps.

5. Eyebrows should be approximately one inch below helmet’s front edge. Adjust the amount of air in the Crown Liner (as shown in Step #4) until the proper clearance is achieved.

6. The 4-pt. high chin strap is standard and should be attached underneath, and not over the top bar of the faceguard. Tighten the chin strap so the chin strap cup is snug and centered on the chin. Be sure player’s ear openings are centered with helmet’s ear openings. Other styles available from your dealer are the short ‘n long soft cup, short ‘n long deep cup and 6-pt. chin strap. Hard cup chin straps available in the deep cup style are the 4-pt. high hook-up, short ‘n long, and 6-pt. In the small cup hard cup the 4-pt. high hook-up and the short ‘n long hook-up are available. Both deep and small hard cup and soft cup chin straps are available in a variety of colors. A Hard Cup Chin Strap specifically for youth players is also available. If you wish to use a different chin strap, all helmets are manufactured with a third chin strap snap. Simply switch chin straps. The DNA™ helmets are equipped with SUREFIT™ slots in the shell for use with the inside-fitting chin strap. See page 15 for chin strap fitting instructions.
9. Try to rotate the helmet. It shouldn’t slip. Forehead skin or hair should move with helmet. When properly fit, the helmet should fit snugly on the player’s head and should move only as the head moves. The helmet should not move independently of the head.

10. For liner overinflation, or to refit the helmet, use inflator pump to let excess air out. Compress helmet around on head to remove air from liner. Another method is to simply insert a loose Schutt® Model 7790 Inflation Needle into the valve.

**IMPORTANT**

The Schutt® Helmet System should be checked periodically to see that proper air pressure is maintained for the liner system. Various factors can affect the fit of the helmet, i.e., air temperature, altitude changes, hair length, damage to the valve, etc. Periodic checks should be done to insure that proper fit is being maintained.

**WARNING**

Keep your head up. Do not butt, ram, spear or strike an opponent with any part of this helmet or faceguard. This is a violation of football rules and may cause you to suffer severe brain or neck injury, including paralysis or death and possible injury to your opponent. Contact in football may result in Concussion/Brain Injury which no helmet can prevent. Symptoms include: loss of consciousness or memory, dizziness, headache, nausea or confusion. If you have symptoms, immediately stop and report them to your coach, trainer and parents. Do not return to a game or contact until all symptoms are gone and you receive medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury.

**NO HELMET SYSTEM CAN PROTECT YOU FROM SERIOUS BRAIN AND/OR NECK INJURIES INCLUDING PARALYSIS OR DEATH. TO AVOID THESE RISKS, DO NOT ENGAGE IN THE SPORT OF FOOTBALL.**

Remember, this warning is of the utmost importance. Important rule changes have eliminated the head as a primary and initial contact area for blocking and tackling techniques. Injury prevention is a primary responsibility of the coaches and the player. Coaching techniques and strict observance of the rules are critical factors in minimizing and preventing serious injuries.
Fitting Models 7888 AIR® ADVANTAGE®
7800 AIR VARSITY® COMMANDER™
and 7880 Youth ADVANTAGE®

Prior to helmet fitting, make sure player reads and understands WARNING found on back of helmet.

The chart below is provided only as a starting point in selecting the proper size helmet. Due to differing head shapes, the chart may not always suggest the proper size selection. Feedback from the player, and close examination by the person fitting the helmet are important factors in obtaining a proper fit.

1. Measure player’s head. Use chart below for proper fit. Wetting player's hair makes initial fit easier.

<table>
<thead>
<tr>
<th>Head Circumference</th>
<th>Head Sizes</th>
<th>Helmet Model</th>
<th>Helmet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 1/2-20 1/2</td>
<td>6 1/2-6</td>
<td>AIR® ADVANTAGE® Youth ADVANTAGE®</td>
<td>Small</td>
</tr>
<tr>
<td>20 1/2-22</td>
<td>6 1/2-7</td>
<td>AIR® ADVANTAGE® Youth ADVANTAGE®</td>
<td>Medium</td>
</tr>
<tr>
<td>22-231/2</td>
<td>7-7 1/2</td>
<td>AIR® ADVANTAGE® Youth ADVANTAGE®</td>
<td>Large</td>
</tr>
<tr>
<td>23 1/2-25</td>
<td>7-7 1/2</td>
<td>AIR® ADVANTAGE® Youth ADVANTAGE®</td>
<td>X-Large</td>
</tr>
<tr>
<td>25-27</td>
<td>8-8 1/8</td>
<td>AIR VARSITY® COMMANDER™</td>
<td>XX-Large</td>
</tr>
</tbody>
</table>

2. Both ADVANTAGE® helmets come with a 7/8" Front Sizer as standard. AIR VARSITY® COMMANDER™ helmets come with a 1 1/8" Front Sizer as standard. To make a fitting adjustment to provide a custom fit, different thickness Front Sizers are available. Additional ADVANTAGE® Front Sizers are 3/4" and 1" thick. Extra-thick and extra-thin Side Pads and an extra-thick Crown Pad are also available. For the AIR VARSITY® COMMANDER™ additional Front Sizers available are 7/8" and 1", tapered 1 1/8", 1" and 7/8". Reverse tapered 1 1/8", 1" and 7/8" are available. In addition, thicker and thinner Crown Pads are also available.

3. It is important to use a well-lubricated Schutt Model 7790 Inflation Needle. Glycerine is recommended. DO NOT USE A PETROLEUM JELLY. Insert with a careful twisting motion making sure not to puncture liner’s opposite wall.

4. After putting the helmet on player’s head, insert Schutt Model 7790 Inflation Needle with the pump. Inflate liner through valve at top. Proper snugness should usually require one to three pumps. A "pump" is when all the air is squeezed out. Player should indicate proper snugness level desired during inflation.

5. The 4-pt. high chin strap shown above is standard and should be attached underneath, not over the top bar of the faceguard. Tighten the chin strap so the chin strap cup is snug and centered on the chin. Be sure player’s ear openings are centered with helmet’s ear openings. Other styles available from your dealer are the short ‘n long soft cup, short ‘n long deep cup and 6-pt. chin strap. Hard cup chin straps available in the deep cup style are the 4-pt. high hook-up, short ‘n long and 6-pt. In the small cup hard cup the 4-pt. high hook-up and the short ‘n long hookup are available. Both deep and small hard cup and soft cup chin straps are available in a variety of colors. A Hard Cup Chin Strap specifically for youth players is also available. If you wish to use a different chin strap, all helmets are manufactured with a third chin strap snap. Simply switch chin straps.
9. Eyebrows should be one inch below helmet’s front edge. If not, try another helmet size. If two inches or more, the faceguard is sitting too high and may inhibit vision. Either try a different thickness Front Sizer, or the helmet may simply be too small. If so, then try the next helmet size up. If helmet is fitting too low, try the thicker Crown Pad or the helmet may be too large. If so, try the next smaller helmet size.

10. Try to rotate the helmet. It shouldn’t slip. Forehead skin or hair should move with helmet.

When properly fit, the helmet should fit snugly on the player’s head and should move only as the head moves. The helmet should not move independently of the head.

11. When checking the facemask, there should be 2 1/2” to 3” between the facemask and the tip of the nose. If the mask is too close to the face, it may result in “bounce back.” If too far away, it is possible for a blow to occur to the chin area.

12. For liner overinflation, or to refit the helmet, use inflator pump to let excess air out. Compress helmet around on head to remove air from liner. Another method is to simply insert a loose Schutt Model 7790 Inflation Needle into the valve.

**IMPORTANT**
The Schutt® Helmet System should be checked periodically to see that proper air pressure is maintained for the liner system. Various factors can affect the fit of the helmet, i.e., air temperature, altitude changes, hair length, damage to the valve, etc. Periodic checks should be done to insure that proper fit is being maintained.

**WARNING**
Keep your head up. Do not butt, ram, spear or strike an opponent with any part of this helmet or faceguard. This is a violation of football rules and may cause you to suffer severe brain or neck injury, including paralysis or death and possible injury to your opponent. Contact in football may result in Concussion/Brain Injury which no helmet can prevent. Symptoms include: loss of consciousness or memory, dizziness, headache, nausea or confusion. If you have symptoms, immediately stop and report them to your coach, trainer and parents. Do not return to a game or contact until all symptoms are gone and you receive medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury.

NO HELMET SYSTEM CAN PROTECT YOU FROM SERIOUS BRAIN AND/OR NECK INJURIES INCLUDING PARALYSIS OR DEATH. TO AVOID THESE RISKS, DO NOT ENGAGE IN THE SPORT OF FOOTBALL.

Remember, this warning is of the utmost importance. Important rule changes have eliminated the head as a primary and initial contact area for blocking and tackling techniques. Injury prevention is a primary responsibility of the coaches and the player. Coaching techniques and strict observance of the rules are critical factors in minimizing and preventing serious injuries.
Fitting Model 7788 PRO-AIR® II™

Prior to helmet fitting, make sure player reads and understands WARNING found on back of helmet.

The chart below is provided only as a starting point in selecting the proper size helmet. Due to differing head shapes, the chart may not always suggest the proper size selection. Feedback from the player, and close examination by the person fitting the helmet are important factors in obtaining a proper fit.

1. Measure player’s head. Use chart below for proper fit. Wetting player’s hair makes initial fit easier.

<table>
<thead>
<tr>
<th>Head Circumference</th>
<th>Head Sizes</th>
<th>Helmet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>20½-22</td>
<td>6½-7</td>
<td>Medium</td>
</tr>
<tr>
<td>22-23½</td>
<td>7-7½</td>
<td>Large</td>
</tr>
</tbody>
</table>

3. It is important to use a well-lubricated Schutt Model 7790 Inflation Needle. Glycerine is recommended. DO NOT USE A PETROLEUM JELLY. Insert with a careful twisting motion making sure not to puncture liner’s opposite wall.

4. After putting the helmet on player’s head, insert Schutt Model 7790 Inflation Needle with the pump. Inflate liner through valve at top. Proper snugness should usually require one to three pumps. A “pump” is when all the air is squeezed out. Player should indicate proper snugness level desired during inflation.

5. The 4-pt. high chin strap shown above is standard and should be attached underneath, not over the top bar of the faceguard. Tighten the chin strap so the chin strap cup is snug and centered on the chin. Be sure player’s ear openings are centered with helmet’s ear openings. Other styles available from your dealer are the short ‘n long soft cup, short ‘n long deep cup and 6-pt. chin strap. Hard cup chin straps available in the deep cup style are the 4-pt. high hook-up, short ‘n long and 6-pt. In the small cup hard cup the 4-pt. high hook-up and the short ‘n long hook-up are available. Both deep and small hard cup and soft cup chin straps are available in a variety of colors. If you wish to use a different chin strap, all helmets are manufactured with a third chin strap snap. Simply switch chin straps.
6. All Schutt helmets are equipped with SUREFIT slots in the shell for use with the inside fitting chin strap. See Page 15 for chin strap fitting instructions.

7. Check the Jaw Pads. Adult helmets come standard with 3/4” firm universal Jaw Pads. Jaw Pads should be flush with player’s jaw. If they are too loose or too tight, or if the player doesn’t like the fit of them, replace them. Other thicknesses available from your Schutt Sports dealer are as follows: 1/2” firm, 3/4” soft, 1” firm and soft, and 1 1/4” firm and soft.

8. Rear toothed Back Sizer should cradle neck, but not chafe from tight fit or leave large gap from loose fit. For a custom fit, other thicknesses available from your Schutt Sports dealer are as follows: 1/2” and 1”.

9. Eyebrows should be one inch below helmet’s front edge. If not, try another helmet size. If two inches or more, the face-guard is sitting too high and may inhibit vision. Either try a different thickness Front Sizer, or the helmet may simply be too small. If so, then try the next helmet size up.

10. Try to rotate the helmet. It shouldn’t slip. Forehead skin or hair should move with helmet. When properly fit, the helmet should fit snugly on the player’s head and should move only as the head moves. The helmet should not move independently of the head.

11. When checking the facemask, there should be 2 1/2” to 3” between the facemask and the tip of the nose. If the mask is too close to the face, it may result in “bounce back.” If too far away, it is possible for a blow to occur to the chin area.

12. For liner overinflation, or to refit the helmet, use inflator pump to let excess air out. Another method is to simply insert a loose Schutt Model 7790 Inflation Needle into the valve.
1. Measure player's head. Use charts below for proper fit. Wetting player's hair makes initial fit easier.

2. Tighten the chin strap so the chin strap cup is snug and centered on the chin. Be sure player's ear openings are centered with helmet's ear openings. Other styles available from your dealer are the short 'n long soft cup and short 'n long deep cup. Hard cup chin straps designed especially for youth players are available in colors in both the 4-pt. high hook-up in short 'n long styles.

3. Check the Jaw Pads. Youth helmets come standard with 1" soft universal Jaw Pads. Jaw Pads should be flush with player's jaw. If they are too loose or too tight, or if the player doesn't like the fit of them, replace them. Other thicknesses available from your Schutt Sports dealer are as follows: 1/2" firm, 3/4" firm and soft, 1" firm and 1 1/4" firm and soft.

4. Eyebrows should be one inch below helmet's front edge. If not, try another helmet size. If two inches or more, the faceguard is sitting too high and may inhibit vision. Either try a thicker or thinner Front Sizer or Crown Pad, or the helmet may simply be too small. If so, then try the next helmet size up.

5. Try to rotate helmet. It shouldn't slip. Forehead skin or hair should move with the helmet. Ask the player if the helmet is too tight or too loose and make any needed adjustments. Player feedback is important in obtaining a proper fit.

Prior to helmet fitting, make sure player reads and understands WARNING found on back of helmet.

**WARNING**

Keep your head up. Do not butt, ram, spear or strike an opponent with any part of this helmet or faceguard. This is a violation of football rules and may cause you to suffer severe brain or neck injury, including paralysis or death and possible injury to your opponent. Contact in football may result in Concussion/Brain Injury which no helmet can prevent. Symptoms include: loss of consciousness or memory, dizziness, headache, nausea or confusion. If you have symptoms, immediately stop and report them to your coach, trainer and parents. Do not return to a game or contact until all symptoms are gone and you receive medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury. No helmet system can protect you from serious brain and/or neck injuries including paralysis or death. To avoid these risks, do not engage in the sport of football.

Remember, this warning is of the utmost importance. Important rule changes have eliminated the head as a primary and initial contact area for blocking and tackling techniques. Injury prevention is a primary responsibility of the coaches and the player. Coaching techniques and strict observance of the rules are critical factors in minimizing and preventing serious injuries.
A 4-pt High Hook-Up Chin Strap with extra length is included with each Schutt youth helmet. This chin strap can be used as an inside fitting chin strap as follows:

1. The top straps fit under the faceguard and snap like a conventional 4-pt. High Hook-Up Chin Strap (as pictured in photo 1).

2. Put the lower straps inside the shell through the SUREFIT™ slots in the shell to the outside, left and right (as pictured in photo 1).

3. Use your thumbs to hold the straps that fit through the SUREFIT™ slots against the jaw pads and pull the ear flaps apart to put the helmet on (as pictured in photo 2).

4. Pull the straps to the ear flap snaps and snap in place. The buckles must be reversed on the strap to keep from twisting the straps between the SUREFIT™ slots and snaps.

5. Adjust the straps to length.

6. After adjusting the fit, trim the excess straps, but leave a 2-inch minimum from the buckles.

Using the SUREFIT™ SLOT

Football Coaches, Equipment Mgrs., Athletic Trainers
Suggested Inspection Checklist:

1. Check helmet fit for agreement with manufacturer's instructions and procedures.
2. Examine shell for cracks, particularly noting any cracks around holes (where most cracks start) and replace any shells that have cracked.

MANY CRACKS IN THE SHELL ARE INADVERTENTLY CAUSED BY OVERTIGHTENING OF THE FACEMASK SCREWS. DON'T USE A HELMET WITH A CRACKED SHELL.

3. Examine all mounting rivets, screws, hook/loop tape, and snaps for breakage, distortion, and/or looseness. Repair as necessary.
4. Replace faceguards if bare metal is showing, or if guard has spread (flattened out) or sprung (opened up).
5. Examine internal components of helmet and replace any parts which have become damaged such as Jaw Pads, Chin Straps, Front Sizers, Back Sizers, Crown Pad and Side Pads.
6. Inspect the hardware to see if it needs replacement.
7. Read instructions provided by manufacturer regarding care and maintenance procedures. Always follow these instructions. Use only manufacturer's approved parts when replacements are needed.
8. Never allow anyone to sit on helmets. This could cause the fit of the helmet to change.

CAUTION: Only paints, waxes, decals or cleaning agents approved by the manufacturer are to be used on any helmet. It is possible to get a severe or delayed reaction by using unauthorized materials, which could permanently damage the helmet shell and affect its performance and durability.

PLAYERS: It is your responsibility to inspect your helmet prior to usage as follows:

1) Do not use this helmet unless all pads are securely in place in compliance with fitting instructions. Size designations are for reference only. Be sure helmet is properly fitted before participating.
2) Check for proper amount of inflation in air inflated helmets. Follow recommended practice for adjusting air pressure at the valves.
3) Check internal components of helmet for proper placement and any deterioration.
4) Check all rivets, screws and snaps to assure they are properly fastened and holding protective parts.

If any of the above inspections indicate a need for repair and/or replacement, notify your football coach, equipment manager or athletic trainer immediately.

This is your responsibility.

NEVER WEAR A DAMAGED HELMET.
Faceguard Attachments
Recommended Faceguards

<table>
<thead>
<tr>
<th>HELMET MODEL</th>
<th>HELMET SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHUTT® DNA™ PRO™</td>
<td>X-Small</td>
</tr>
<tr>
<td>AIR VARSITY COMMANDER™</td>
<td>Small</td>
</tr>
<tr>
<td>AIR® ADVANTAGE™</td>
<td>Medium</td>
</tr>
<tr>
<td>PRO-AIR® II™</td>
<td>Large</td>
</tr>
<tr>
<td>SCHUTT® Youth DNA™ PRO™</td>
<td>X-Large</td>
</tr>
<tr>
<td>Youth ADVANTAGE™</td>
<td></td>
</tr>
<tr>
<td>DNA™ Recruit®/Recruit® YFS</td>
<td></td>
</tr>
<tr>
<td>SUPER-PRO®</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HELMET MODEL</th>
<th>HELMET SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHUTT® YOUTH DNA™ PRO™</td>
<td>X-Large</td>
</tr>
<tr>
<td>Youth ADVANTAGE™</td>
<td></td>
</tr>
<tr>
<td>DNA™ Recruit®/Recruit® YFS</td>
<td></td>
</tr>
<tr>
<td>SUPER-PRO®</td>
<td></td>
</tr>
</tbody>
</table>

Note: The SCHUTT® DNA™ PRO™ and SCHUTT® Youth DNA™ PRO™ faceguards are designed exclusively for these particular helmets.

**SWING-A-WAY® SAFETY FEATURE**

There are times when it is urgent that the facial area be readily exposed with easy access to the airway. When it is important that the helmet and other equipment not be removed, all that is required to provide access to the airway is a Schutt faceguard removal tool. Cutting the side attachment loop straps allows the faceguard to swing completely out of the way. If removal of the guard is desired, the top attachment straps also may be cut. The helmet need not be disturbed during any of the procedure.

When a faceguard is to be attached to the helmet, pull up the nose bumper and swing it away so that the front sizer pad can be removed. Two T-nuts are now exposed inside the helmet. Remove the screws that hold the nose bumper and the two top center mounts.

Using a Phillips or a flat head screwdriver, assemble the center mounts of the guard, and fasten to the helmet, taking care to locate the nose bumper beneath the loop straps. The hole spacing in front is proper for all Schutt faceguards currently on the market. Snug down the loop straps, but don’t tighten them yet. Now swing the guard down so that the two side loop straps line up with the faceguard attachment hole on each side of the helmet. Do the same with the hole in the other flap; then use the screws, steel washers, and T-nuts supplied with the faceguard to attach the two side loop straps (DNA™ PRO™ helmets do not require washers as they are designed with molded in T-nut holders). Before tightening all the loop straps, align the guard to make certain that it is centered, and that it does not bind. There should be two-and-a-half to three inches between the faceguard and the tip of the nose. (See picture). Now replace the non wrap-around nose bumper and tightly fasten down the loop straps. After they are tightly fastened down, replace the front sizer.

**WARNING**

Do not attach accessories that are not supplied by and/or approved to be worn with Schutt helmets. Attachment of accessories not supplied by or recommended for Schutt helmets may void warranty and could adversely affect the protective capabilities of the helmet. If you are unsure if an accessory is approved, please call Schutt Sports at 1-866-4SCHUTT.

**NOTE:** If you wish to use a different chin strap, all helmets are manufactured with a third chin strap snap. Simply switch chin straps.

**NOTE:** Some older models may not have a third snap location. These helmets are “scored” for the proper hole location. Use a 7/32” drill bit. Steady the helmet shell so your drill bit does not “walk.”

**WARNING**

Do not use any liquid thread locking materials when attaching the faceguard to the helmet as it may have adverse effects on the helmet.

SUPER-PRO® is a registered trademark of Schutt® Sports.
Model 2020 SCHUTT® DNA™ PRO™
For High School, Collegiate and Professional Use

Model 2025 SCHUTT® Youth DNA™ PRO™
For Youth thru Jr. High School Use

Shell: Model 2020 GE LEXAN® Polycarbonate Alloy
Model 2025 ABS Plastic
(Both helmets pre-drilled for faceguard attachment and choice of chin strap snap configuration).

FACEGUARDS - SCHUTT® DNA™:
For size small, medium and large DNA™ PRO™ Helmets use a DNA™ Ultimate Performance Grade Titanium or DNA™ Super Pro® Stainless Steel Faceguard. See page 24 for available styles. For size XL DNA™ PRO™ Helmets use any DNA™ XL Ultimate Performance Grade Titanium or DNA™ XL Super Pro® Stainless Steel Faceguard. See page 24 for available styles.

FACEGUARDS - SCHUTT® YOUTH DNA™ PRO™:
For small, medium and large Youth DNA™ PRO™ Helmets use any Super-Pro® Stainless Steel Youth DNA™ Faceguard. See page 24 for available styles. For Size XL Youth DNA™ Helmets use any Size XL DNA™ Varsity Super-Pro® Stainless Steel Faceguard. See page 24 for available styles.

SCHUTT® DNA™ PRO™ Molded Colors
- Black
- Cardinal
- Columbia Blue
- Kansas Blue
- Royal Blue
- Gold
- Sunflower Gold
- Gray
- Dark Green
- Kelly Green
- Maroon
- Navy
- Burnt Orange
- Purple
- Scarlet
- White

SCHUTT® DNA™ PRO™ Painted Colors
- Metallic Light Gold
- South Bend Gold
- Metallic Old Gold
- Metallic Silver
- Dallas Blue

SCHUTT® Youth DNA™ PRO™ Molded Colors
- Black
- Cardinal
- Gold
- Gray
- Dark Green
- Kelly Green
- Royal Blue
- Light Royal Blue
- Maroon
- Navy
- Burnt Orange
- Purple
- Scarlet
- White

SCHUTT® Youth DNA™ PRO™ Standard Painted Colors
- Columbia Blue
- Dallas Blue
- Kansas Blue
- Metallic Light Gold
- South Bend Gold
- Metallic Old Gold
- Sunflower Gold
- Metallic Silver

PRO GLOSS® PAINT - Variety of colors for both SCHUTT® DNA™ PRO™ and SCHUTT® YOUTH DNA™ PRO™. Contact your dealer.
Model 7800 AIR VARSITY® COMMANDERTM
For High School, Collegiate and Professional Use

For comfort and fitting due to differences in head configurations, 7848 - Tapered Front Sizer and 7849 Reverse Tapered Front Sizer are available. All Front Sizers are available in 7/8", 1" and 1 1/8" thicknesses. Thicker 1 3/4" and Thinner 1 1/4" Crown Pads are available.

For comfort and fitting due to differences in head configurations, use any standard Ultimate Performance Grade Titanium faceguard, or DNA™ XL Stainless Steel faceguard. See page 24 for available styles.

Model 7888 AIR® ADVANTAGE®
For High School, Collegiate and Professional Use

For comfort and fitting due to differences in head configurations, 7845 - 3/4" & 1" and 7846 - 3/4" & 1" for size X-Large Front Sizers are available. 7832 - Thicker Crown Pad 1 1/2" and 7836 - Thinner and Thinner Side Pads are available. These pads are easy to remove and replace.

FACEGUARDS:

For Size XXL Air Varsity® Commander™ Helmets use a size DNA™ XL Ultimate Performance Grade Titanium faceguard, or DNA™ XL Super-Pro® Stainless Steel faceguard. See page 24 for available styles.

For size small, medium and large Air® Advantage® Helmets, use any standard Ultimate Performance Grade Titanium, Super-Pro® Stainless Steel or Super-Pro® Carbon Steel faceguard. See pages 25 and 26 for available styles. For size XL Air® Advantage® Helmets use any size XL Ultimate Performance Grade Titanium, Super-Pro® Stainless Steel or Super-Pro® Carbon Steel faceguard. See pages 25 and 26 for available styles.
Model 7880 Youth ADVANTAGE®
For Youth Thru Jr. High School Use

SHELL: Tough ABS Plastic
(Pre-drilled for faceguard attachment)
LINER: 7725 Single
FRONT SIZER: 7734 - 1"
BACK SIZER: 7722 - 3/4"
FOAM STABILIZER SYSTEM: 7732
Universal Jaw Pads: 7743 - 3/4" (Firm)
NOSE BUMPER: 7830 Non Wrap-Around
CHIN STRAP: 7754 (4-Pt. High Hook-Up)
Alternate sizes and styles of accessories are available.

MOLDED COLORS
• Black
• Cardinal
• Columbia Blue
• Kansas Blue
• Royal Blue
• Gold
• Navy

PAINTED COLORS
• Metallic Old Gold
• Metallic Silver

SIZES
Small: 6 1/8 - 6 1/2
Medium: 6 1/2 - 7
Large: 7 - 7 1/2
X-Large: 7 1/2 - 8

For comfort and fitting due to differences in head configurations, 7734 - 3/4", 7743 tapered 1" and 3/4" Front Sizer and 7722 - 1/2" or 1" Back Sizers are available. These sizers are easy to remove and replace.

FACEGUARDS:
For size medium and large PRO-AIR® II™ Helmets use any standard Ultimate Performance Grade Titanium, Super-Pro® Stainless Steel or Super-Pro Carbon Steel Faceguard. See pages 25 and 26 for available styles.

FREE Video on Sizing, Fitting and Maintenance of the Schutt Helmet and Shoulder Pads. Call Schutt Sports at 1-866-4SCHUTT. Refer to Model 7795.

Model 7880 Youth ADVANTAGE®
For Youth Thru Jr. High School Use

SHELL: Tough ABS Plastic
(Pre-drilled for faceguard attachment)
LINER: 7725 Single, sizes Small, Medium, Large, X-Large
FRONT SIZER: 7845 - 7/8" Standard
7846 - 3/4" Standard for size X-Large
PADS: 7817 - Back Pad, Standard - 3/4"
Universal Jaw Pads: 7740 - 1" (Soft)
NOSE BUMPER: 7830 Non Wrap-Around
CHIN STRAP: 7754 (4-Pt. High Hook-Up)
Alternate sizes and styles of accessories are available.

MOLDED COLORS
• Black
• Cardinal
• Columbia Blue
• Kansas Blue
• Royal Blue
• Gold
• Navy

PAINTED COLORS
• Metallic Old Gold
• Metallic Silver

SIZES
Small: 6 1/2 - 7
Medium: 7 - 7 1/2
Large: 7 1/2 - 8

For comfort and fitting due to differences in head configurations, 7845 - 3/4" & 1" and 7846 - 3/4" & 1" for size X-Large Front Sizers are available. 7816 - Thicker Crown Pad 1 1/2" and 7847 - Thicker Side Pads are available. These pads are easy to remove and replace.

FACEGUARDS:
For size small, medium and large Youth Advantage® Helmets, use any Youth Flex™ or Jr Pro® Faceguard. See page 26 for available styles. For size XL Youth Advantage® Helmets use any Super-Pro® Carbon Steel XL Varsity Faceguard. See page 26 for available styles.
Model 7960 DNA™ Recruit® YFS
Recommended thru Age 14

SHELL: ABS Plastic
(Pre-drilled for faceguard attachment)
LINERS: Vinyl-encapsulated fit liner.
Front/Side/Crown Liner 7911
Back Liner 7917
JAW PAD: 7944 1 - 1/8"
NOSE BUMPER: 7835 - Non Wrap-Around
CHIN STRAP: 7713 (4-Pt. High Hook Up)
Alternate sizes and styles of accessories are available.

MOLDED COLORS
• Black
• Royal Blue
• Cardinal
• Dark Green
• Kelly Green
• Gold
• Gray
• Maroon
• Navy
• Scarlet
• Purple
• White

PAINTED COLORS
• Columbia Blue
• Dallas Blue
• Kansas Blue
• Metallic Light Gold
• Gold
• Gray
• Maroon
• Purple
• Scarlet
• White

Sizes
XX-Small: 6 - 6 1/4
X-Small: 6 3/8 - 6 1/2
Small: 6 5/8 - 6 3/4
Medium: 6 7/8 - 7
Large: 7 1/8 - 7 3/4
X-Large: 7 3/8 - 7 1/2

For all DNATM Recruit® Helmets use any Youth Flex™ or Jr Pro® Faceguard model.
See page 27 for available styles.

Model 7898 AIR® JR™
Recommended for Younger Players thru Age 14

SHELL: Tough ABS Plastic
FACEGUARD: GRAY NOPO - YOUTH FLEX™
FACEGUARD ATTACHED
LINER: 7824 Foam Molded, 5 pc. Set,
UNIVERSAL JAW PADS: 7740 - 1" (Soft)
NOSE BUMPER: Extruaded Rubber
CHIN STRAP: 7713 (4-Pt. High Hook Up)
Alternate sizes and styles of accessories are available.
COLORS: AVAILABLE ONLY IN WHITE,
NAVY, SCARLET AND BLACK

FREE Video on Sizing, Fitting and
Maintenance of the Schutt Helmet and
Shoulder Pads. Call Schutt Sports at
1-866-4SCHUTT. Refer to Model 7795.

See your dealer for accessories for PRO-AIR® Small,
AIR® VARSITY™, AIR® V™ and AIR® YOUTH™ Helmets.
These products are no longer being manufactured.
However, parts are available!

FACEGUARDS:
Available only with NOPO®-YF Faceguard. (Gray only, Attached).
Helmet Accessories

**WARNING:**
Do not attach accessories that are not supplied by and/or approved to be worn with Schutt helmets. Attachment of accessories not supplied by or recommended for Schutt helmets may void warranty and could adversely affect the protective capabilities of the helmet. If you are unsure if an accessory is approved, please call Schutt Sports at 1-866-4SCHUTT.

**Sideline Kit**
Model 6500-V Varsity AIR®
Model 6500-Y Youth AIR®
Includes loop straps, plastic buckles, helmet inflator pump, faceguard, shoulder pad and snap screws, short, medium and long T-nuts, T-nut wrench, pliers, and Phillips screwdrivers, measuring tape, glycerin, shoulder pad laces and strings, keyhole slides, T-hooks and faceguard washers.

**Football Helmet Care Kit**
Model 7759 (Ea.)
Cleans 200-300 helmets. Consists of War Mark Remover, 10 cleaning pads, scrub sponge, De-Glu, Hi-Shine, two sponge applicators, Helmet Germicidal Cleaner & Disinfectant, and sprayer.

**Inflator Pump Model 7799**
Replacement needles not shown.
Model 7780 (Doz.)

**T-nut Wrench Model 19960100**

**Glycerin**
2-Oz. Bottle
Model 7791 (Doz.)

**Faceguard Removal Tool (Ea.)**
Model 19960200

**Liners**
- **SCHUTT® DNA™**
  - **SCHUTT® Youth DNA™**
  - **SUREFIT™ Crown Air Liner**
    - Model 7926 (Ea.)
    - Fits Models 2020 and 2025 Helmets
    - Specify helmet size when ordering.
  - **SUREFIT™ Lateral Air Liner**
    - Model 7927 (Ea.)
    - Fits Models 2020 and 2025 Helmets
    - Specify helmet size when ordering.
  - **AIR VARSITY® COMMANDER™ Liner**
    - Model 7826 (Ea.)
    - Fits Model 7800 Helmet
  - **AIR® ADVANTAGE® Youth**
    - **SUREFIT™ Crown Air Liner**
      - Model 7926 (Ea.)
      - Fits Models 2020 and 2025 Helmets
      - Specify helmet size when ordering.
  - **SUREFIT™ Lateral Air Liner**
    - Model 7927 (Ea.)
    - Fits Models 2020 and 2025 Helmets
    - Specify helmet size when ordering.

**Nose Bumpers**
- **PRO-AIR® II Liner**
  - Model 7725 M.L. (Ea.)
  - Fits Model 7788 Helmet
- **Chin Strap Buckles & Snaps**
  - **Hybrid Chin Strap Buckle**
    - Model 7721
    - 12 ea.
    - Also available in bulk pack of 492.
  - **Stainless Steel Chin Strap Snaps**
    - Model 7774 (Doz.)
    - Also available in bulk pack of 995.
  - **T-Nuts for Chin Strap Snaps**
    - Model 7772 (Doz.)

**Cushions**
- **SCHUTT® DNA™ and SCHUTT® Youth DNA™**
  - **SKYDEX™ Side Cushions**
    - Model 7936 (Pair)
    - Fits Models 2020 and 2025 Helmets
    - Specify helmet size when ordering.
  - **SKYDEX™ Front Crown Cushion**
    - Model 7947 (Ea.)
    - Fits Models 2020 and 2025 Helmets
    - Specify helmet size when ordering.
  - **SKYDEX™ Back Cushion**
    - Model 7920 (Ea.)
    - Fits Models 2020 and 2025 Helmets
    - Specify helmet size when ordering.

**Faceguard Removal Tool (Ea.)**
Model 19960200
WARNING:
Do not attach accessories that are not supplied by and/or approved to be worn with Schutt helmets. Attachment of accessories not supplied by or recommended for Schutt helmets may void warranty and could adversely affect the protective capabilities of the helmet. If you are unsure if an accessory is approved, please call Schutt Sports at 1-866-4SCHUTT.

Helmet Accessories continued on Page 23
**Schutt®** created the original wire faceguard in the 1930s and now produces the widest selection of faceguards in the world.

- All faceguards come standard with stainless steel hardware.
- Each SUPER-PRO® faceguard is interchangeable with all other SUPER-PRO® models of the same size.
- Armorguard® Elite state-of-the-art faceguard coating is used on all Schutt® faceguards.
- Armorguard® Elite is formulated to give you the quality and innovation you expect from Schutt® Sports.
- Armorguard® Elite provides the quality and durability you have come to expect from an Armorguard® faceguard plus two features that make Armorguard® Elite the ultimate in faceguard coating.
  - Helmet war marks from Armorguard® Elite faceguards will be much easier to clean off.
  - The Armorguard® Elite colors are more vibrant and true.

**IMPORTANT:** Over-torquing faceguard hardware may cause shell to crack and may void helmet shell warranty.

**Code Identification:**
- **OPO** - Oral Protection Only, **NOPO** - Nose and Oral Protection, **EGJOP** - Eyeglass, Jaw and Oral Protection,
- **EGOP** - Eyeglass and Oral Protection, **JOP** - Jaw and Oral Protection, **NJOP** - Nose, Jaw and Oral Protection,
- **ROPO** - Reinforced Oral Protection Only, **RJOP** - Reinforced Jaw and Oral Protection, **XL** - Extra Large,
- **DW** - Double Wire, **SW** - Single Wire, **UB** - U-Bar, **SK** - Skill Position

**Position Chart:**
- **OPO**, **ROPO**, **ROPO-UB**, etc. (QB, RB, WR, TE, DB)
- **NOPO** (FB, LB, TE)
- **EGOP** (RB, WR, DB, TE)
- **EGJOP** (OL, DL, FB, LB, TE)

**WARNING** Keep your head up. Do not butt, ram, spear or strike an opponent with any part of this helmet or faceguard. This is a violation of football rules and may cause you to suffer severe brain or neck injury, including paralysis or death and possible injury to your opponent. Contact in football may result in Concussion/Brain Injury which no helmet can prevent. Symptoms include: loss of consciousness or memory, dizziness, headache, nausea or confusion. If you have symptoms, immediately stop and report them to your coach, trainer, and parents. Do not return to a game or contact until all symptoms are gone and you receive medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury.

**NO HELMET SYSTEM CAN PROTECT YOU FROM SERIOUS BRAIN AND/OR NECK INJURIES INCLUDING PARALYSIS OR DEATH. TO AVOID THESE RISKS, DO NOT ENGAGE IN THE SPORT OF FOOTBALL.**
**SCHUTT® DNA™ Titanium Faceguards**

Today's football players demand lightweight equipment. To meet this demand, Schutt® offers 13 styles of Ultimate Performance Grade Ti-Guard™ Titanium Faceguards for use with the DNA™ helmet. Ultimate Performance Grade Titanium is provided for Schutt® Faceguards exclusively by Dynamet, a Carpenter Company. You know you’re getting the best - it’s Ultimate Performance Grade. Titanium Faceguards from Schutt® - the strength of steel with half the weight. If it’s not Ultimate Performance Grade, it’s not Schutt®.

**SCHUTT® DNA™ Stainless Steel Faceguards**

DNA™ Faceguards are constructed using lightweight stainless steel. Available in 21 styles, Stainless Steel Faceguards are up to 28% lighter than Carbon Steel Faceguards. Combined with the DNA™ Helmet, these faceguards create a lightweight helmet system that players desire.

FOR THE LATEST - www.schuttsports.com
**SCHUTT® SUPER-PRO®**

**Titanium Faceguards**

Today's football players demand lightweight equipment. To meet this demand, Schutt® offers 13 styles of Ultimate Performance Grade Ti-Guard™ Titanium Faceguards. Ultimate Performance Grade Titanium is provided for Schutt® Faceguards by Dynamet - a Carpenter Company. You know you're getting the best if it's Ultimate Performance Grade. Titanium Faceguards from Schutt®, the strength of steel with half the weight. If it's not Ultimate Performance Grade, it's not Schutt®.

**SCHUTT® SUPER-PRO®**

**Stainless Steel Faceguards**

Schutt® SUPER-PRO® Stainless Steel Faceguards are up to 28% lighter than Carbon Steel Faceguards. Available in 19 styles, these faceguards provide today's player with an affordable, lightweight alternative to traditional carbon steel and are available only from Schutt®.
SUPER-PRO® Carbon Steel Faceguards

SUPER-PRO® Carbon Steel Faceguards are the most popular and most requested faceguards in the world today. Available in 24 styles. Schutt® Sports offers football players at all levels industry-leading innovation and technology in faceguard design and development. Today’s football players rely on Schutt® Faceguards to provide customized protection.

The mid 1 wire is welded to the outside of the frame wire and mid 2 wire is welded to the inside of the frame wire.

**Adult Styles**

- **BD™-ROPO** 523160XX
- **EGOP®** 520900XX
- **EGOP®-R** 520700XX
- **EGJP®** 520600XX
- **OPO®** 520100XX
- **ROPO** 523100XX
- **ROPO-SW** 523101XX
- **ROPO-DW** 523102XX
- **ROPO-UB** 523110XX
- **ROPO-UB-DW** 523112XX
- **NOPO®-XL** 870200XX
- **EGOP®-II** 520700XX
- **ROPO** 523100XX
- **RJOP** 523300XX
- **RJOP-UB** 523310XX
- **RJOP-UB-DW** 523312XX
- **RJOP-DW-XL** 873302XX
- **ROPO-DW-XL** 873102XX
- **EXTRA LARGE**
Once again, Schutt® Sports, the undisputed leader in faceguard technology and development, responds to your request with the introduction of Carbon Steel Faceguards for the Riddell® Revolution® Helmet. These faceguards have the look and style players prefer, but have been engineered to fit the Riddell® Revolution® Helmet. Mounting hardware not included. Mounting hardware provided by Riddell®, the Revolution® manufacturer, must be used. Follow Riddell®’s instructions for faceguard removal in injury situations.

Youth Carbon Steel Faceguards

Jr PRO® Faceguards are designed to look just like the Varsity Carbon Steel models except the designs are scaled for the youth player. To help differentiate the JR PRO® models from the SUPER PRO® models, both the mid 1 and mid 2 wires are welded to the outside of the frame wire.

Youth Flex™ Faceguards are specially designed to attach to Youth Helmets to create more flexibility for putting on and taking off a helmet.
<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSES</th>
<th>SOLUTIONS</th>
<th>PREVENTATIVE MEASURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Gouges in shell</td>
<td>1. Metal buckles with high hook-ups. May also be a “burr” in the buckle.</td>
<td>1. Change to plastic or hybrid buckles and/or to short n’ long hook-up.</td>
<td>1. Change buckles periodically as needed during season. Another option is to use plastic or hybrid buckles on the top loop straps of the helmet and use metal buckles on the side loop straps.</td>
</tr>
<tr>
<td></td>
<td>2. Unchanged faceguards with steel exposed.</td>
<td>2. Replace faceguards with exposed steel.</td>
<td>2. The high hook-up attachment can be “permanently mounted” using a screw to hold chin strap in place.</td>
</tr>
<tr>
<td></td>
<td>3. Bent or worn faceguards.</td>
<td>3. Replace faceguard if it is “spread” or “sprung.”</td>
<td>3. Regular inspection during season.</td>
</tr>
<tr>
<td>2. Cracks in shell</td>
<td>1. Usually overtightening of faceguard snap hardware which may lead to stress fracture. There must be some give to allow shock absorption by faceguard.</td>
<td>1. Tighten loop straps and hardware until firm. <strong>Do not overtighten!</strong></td>
<td></td>
</tr>
<tr>
<td>3. A player cannot fit helmet on head properly.</td>
<td>1. Be aware that helmet styles will fit each head somewhat differently.</td>
<td>1. Try different accessory thicknesses. Front/Back sizers, crown pads and/or Jaw Pads may need to be changed to achieve proper fit.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Player’s head is simply too large for that particular style helmet.</td>
<td>2. Re-check head measurements to make sure player is wearing correct size helmet. Or, try another style Schutt helmet. Be aware that helmet styles will fit each head somewhat differently.</td>
<td></td>
</tr>
<tr>
<td>4. Player says helmet is too tight when air is added.</td>
<td>1. Improper size helmet, may be too small.</td>
<td>1. Re-check head measurement to make sure player is wearing correct size helmet. Or try another style Schutt Helmet.</td>
<td>1. Educate player that a properly fit helmet should feel snug. Do not allow constant addition/deletion of air (e.g., on game days). <strong>Proper fit is to be maintained at all times.</strong></td>
</tr>
<tr>
<td></td>
<td>2. Front/Back sizers, crown pads and/or Jaw Pads may need to be changed to achieve proper fit.</td>
<td>2. Try different accessory thicknesses. Be aware that helmet styles will fit each head somewhat differently.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Improper fit due to over inflation of liner.</td>
<td>3. Re-fit with proper inflation, or try another size helmet.</td>
<td>3. New pump has open/shut valve which makes fitting adjustments easier.</td>
</tr>
<tr>
<td>5. Player says helmet moves and is loose on his head.</td>
<td>1. Wrong size helmet, may be too large, or may be proper size which has been “customized” to fit another player.</td>
<td>1. Check front/back sizers, crown pads and jaw pads to see that they are standard issue.</td>
<td>1. Make sure you “track” your helmet so that every player gets the same helmet every year so that all you have to do is recheck fit.</td>
</tr>
<tr>
<td>6. Helmet slips down on bridge of player’s nose.</td>
<td>1. Improper size helmet, may be too large, or the player may have a “sloping” forehead or there may be a small gap.</td>
<td>1. Re-check head measurement to make sure player is wearing correct size helmet. If using the PRO-AR® II™ helmet, try the “extra thick” 7732 stabilizer. If using the AIR® ADVANTAGE™ or AIR® VARSITY COMMANDER™ helmets, try a thicker crown pad. If using the DNA™ PRO™ helmet, check the crown adjustment. Be aware that all Schutt helmet styles will fit somewhat differently.</td>
<td>1. Do not allow constant addition/deletion of air (e.g., on game day). <strong>Proper fit is to be maintained at all times.</strong></td>
</tr>
<tr>
<td></td>
<td>2. Improper fit due to under-inflation.</td>
<td>2. Re-fit w/proper inflation to achieve snug fit.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. May be proper size helmet which has been “customized” to fit someone else.</td>
<td>3. Try different accessory thicknesses.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Front/Back sizers and/or jaw pads may need to be changed.</td>
<td>4. Replace chin strap or try 6 pt. Chin Strap to help secure chin strap and to prevent forward rotation of helmet.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Chin strap may be slipping.</td>
<td>5. Switch to hard cup with dimpled foam or use chin cup sleeve over existing hard cup.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. If using hard cup, vinyl foam may be slipping.</td>
<td>6. Change and replace faceguard which will return player to a proper fit.</td>
<td></td>
</tr>
</tbody>
</table>

**PROBLEM/CAUSES/SOLUTIONS/PREVENTATIVE MEASURES**

1. **Helmet Troubleshooting:**

2. **Helmet Troubleshooting:**

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<td>7. Player complains helmet sits too low on his head.</td>
<td>1. Sloping forehead or “tweener” which may be difficult to fit.</td>
<td>1. If using DNA™ PRO™ helmet check inflation on the crown adjustment. If using AIR® ADVANTAGE® or AIR® VARSITY® COMMANDER™ helmets, which have crown pieces, switch to a thicker crown pad.</td>
<td>1. Check nose bumpers periodically during the season and prior to spring football. 2. Have reconditioner replace older nose bumpers.</td>
</tr>
<tr>
<td>8. Player complains of chafing, abrasions or lacerations to the forehead.</td>
<td>1. Nose bumper has stiffened and become hard due to either excessive perspiration or age.</td>
<td>1. If older nose bumper, replace with non-wrap-around nose bumper Style 7830 if using PRO-AIR® II™ helmet. If using AIR® ADVANTAGE™ helmet, use Style 7835 non-wrap-around nose bumper.</td>
<td>1. Use thicker side pads for AIR® ADVANTAGE™, Youth ADVANTAGE™ and Recruit® YFS™. Replace standard front sizer with a tapered front sizer for PRO-AIR® II™ or AIR® VARSITY® COMMANDER™ helmets.</td>
</tr>
<tr>
<td>9. Player complains of “gapping” in temporal area.</td>
<td>1. Player most likely has long narrow head shape.</td>
<td>1. Check nose bumpers periodically during the season and prior to spring football. 2. Have reconditioner replace older nose bumpers.</td>
<td></td>
</tr>
<tr>
<td>10. Player complains of pressure in temporal area.</td>
<td>1. Player most likely has a full round head.</td>
<td>1. Try DNA™ PRO™ helmet which has rear/side liner and inflate to snugness. If using AIR® ADVANTAGE® helmet, try thinner side pads. If using AIR® VARSITY® COMMANDER™ helmet try reverse tapered front sizer. If using PRO-AIR® II™ helmet, try thinner front sizer.</td>
<td>1. Switch to soft jaw pads.</td>
</tr>
<tr>
<td>11. Player complains of “chafing” on neck from jaw pads.</td>
<td>1. Rim of jaw pad may be rubbing, usually on OL/DL with thicker necks.</td>
<td>1. Use thicker side pads for AIR® ADVANTAGE™, Youth ADVANTAGE™ and Recruit® YFS™. Replace standard front sizer with a tapered front sizer for PRO-AIR® II™ or AIR® VARSITY® COMMANDER™ helmets.</td>
<td>1. Switch to standard style mask which sits lower. 2. Secure nose bumper firmly or switch to non-wrap-around Style 7830 if using PRO-AIR® II™. Use Style 7835 non-wrap-around nose bumper if using AIR® VARSITY® COMMANDER™ or AIR® ADVANTAGE™ helmets.</td>
</tr>
<tr>
<td>12. Player complains of problems with vision.</td>
<td>1. Player may be using “DW” mask style which sits higher</td>
<td>1. Use standard style mask which sits lower. 2. Secure nose bumper firmly or switch to non-wrap-around Style 7830 if using PRO-AIR® II™. Use Style 7835 non-wrap-around nose bumper if using AIR® VARSITY® COMMANDER™ or AIR® ADVANTAGE™ helmets.</td>
<td>1. Switch to standard style mask which sits lower. 2. Secure nose bumper firmly or switch to non-wrap-around Style 7830 if using PRO-AIR® II™. Use Style 7835 non-wrap-around nose bumper if using AIR® VARSITY® COMMANDER™ or AIR® ADVANTAGE™ helmets.</td>
</tr>
<tr>
<td>13. Air will not go into liner.</td>
<td>1. Valves not properly aligned. 2. Valve has dried out or cracked due to use of Vaseline or petroleum-based jelly. 3. Shell opening covered by striping.</td>
<td>1. Check to see if valves are aligned. Simply rotate needle until it gently slides in. Do not jam needle into liner. If older pump without open and shut valves, make sure it is bent.</td>
<td>1. New pump has open/shut valve which makes fitting adjustments easier. 2. Use Glycerin. 3. Try to stripe helmets after fitting.</td>
</tr>
<tr>
<td>14. Valve has rotated forward.</td>
<td>1. Back sizer may have moved, causing valve to rotate out from underneath shell opening. Needle thus does not go all the way into valve.</td>
<td>1. Simply realign valve w/shell opening.</td>
<td>1. Warm in dryer 10 minutes on low heat. Remove and wash with mild soap and hot water.</td>
</tr>
<tr>
<td>15. Hardening or “ballooning” bladders.</td>
<td>1. Hair gels. 2. Liner “balloons” at rear base where cell walls meet it.</td>
<td>1. Coat with Armor-All®. 2. Replace liner as it is beginning to age.</td>
<td>1. Warm in dryer 10 minutes on low heat. Remove and wash with mild soap and hot water.</td>
</tr>
<tr>
<td>PROBLEM</td>
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</tr>
<tr>
<td>16. Leaking or bursting</td>
<td>1. Wrong length needle or basketball pump needle has penetrated bladder and</td>
<td>1. Use correct Schutt Model 7790 Inflation Needle. Submerge liners in water after filling with air and bubbles will indicate leak.</td>
<td>1. Do not use basketball pump&lt;br&gt;2. If it is older pump, make sure pump is bent. New pump has open/shut valve.</td>
</tr>
<tr>
<td>bladders.</td>
<td>caused puncture.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Air will not go into liner.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17. Rusting T-nuts.</td>
<td>1. Sweat accumulation.</td>
<td>1. Replace hardware. All Schutt hardware is now stainless steel.</td>
<td>1. All Schutt hardware is now stainless steel.</td>
</tr>
<tr>
<td></td>
<td>2. T-nuts unchanged for extended period of time.</td>
<td>2. Replace regularly or weekly during season.</td>
<td>2. Have reconditioner replace all hardware after season.</td>
</tr>
<tr>
<td></td>
<td>3. Rain or mud conditions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18. Chin Strap slippage.</td>
<td>1. Old Chin Strap and coating may have separated from strap.</td>
<td>1. Replace chin strap.</td>
<td>1. Have reconditioner replace all chin straps every year.</td>
</tr>
<tr>
<td></td>
<td>2. Buckle teeth facing wrong direction.</td>
<td>2. On double teeth buckles, teeth should face open end of strap.</td>
<td>2. Have reconditioner replace plastic buckles with new hybrid buckles which have a stainless steel post and teeth which are now standard on all Schutt Adult Helmets.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>On triple teeth plastic buckles, make sure double teeth are on bottom and teeth face open end of strap.</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>Faceguard Troubleshooting:</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
Helpful Hints:

NOTE: The following list of helpful hints is only a partial list. It is not intended to be a comprehensive list. If you have any questions, please call Schutt Sports at 1-866-4SCHUTT.

1. Read the Helmet Warning Label to your player. Explain to him the dangers of using the helmet in an improper manner such as butting, ramming or spearing. Also explain to him that he may incur serious injury if he uses improper techniques and/or uses the helmet as a weapon.

2. Review the Schutt Helmet Fitting Video prior to your fitting session.

3. When fitting your players, if you do not possess a measuring tape, use spare liners (S, M, L, XL) to size players. The liner is a very accurate indicator of shell size. In most cases, if the liner fits snugly on the head, so will the helmet shell.

4. Fit to “snugness” rather than “too loose” or “too tight.” Allow the player input into fitting the helmet. Ultimately, however, the final decision as to a proper fit is a shared responsibility between the person doing the fitting and the player being fit.

5. If a player is a “tweener” (between shell sizes) first try, if possible, to fit him in the smaller shell size.

6. When fitting, fit the back or lower chin strap first. When putting high hook-up chin straps underneath the facemask, slide the chin strap and buckle underneath the facemask next to the nose bumper as this is the widest part of the mask. Then slide the chin strap out to the attachment point.

7. Teeth on chin strap buckles should always face “out” or to “open” end of strap. If using a Schutt plastic buckle with three (3) sets of teeth, the double set of teeth should be on inside of strap.

8. If possible, have your reconditioner replace all chin straps every year. It makes fitting much easier the following year.

9. When attaching a facemask, don’t completely tighten each loop strap until all four (4) loop straps are in place.

10. Use only Schutt inflator needles with the protective neck when inflating liners. Conventional length needles may damage the liner. Do not use a mechanical or electric pump to inflate the AIR® liners.

11. Armor-All® protectant is recommended to keep Schutt liners soft and pliable. If liner hardens, remove Schutt liner from helmet before applying Armor-All®.

12. Glycerin is the proper inflation needle lubricant. Do not use a petroleum-based product such as Vasoline.

13. Do not attach accessories that are not supplied nor approved by Schutt Sports. Attachments of accessories not supplied or recommended by Schutt Sports voids the warranty and could adversely affect the protective capabilities of the helmet.

14. The Schutt Helmet System should be checked periodically to see that proper air pressure is maintained for the liner system. Various factors can affect the fit of the helmet, i.e., air temperature, altitude changes, hair length, damage to the valve, etc. Periodic checks should be done to insure that proper fit is being maintained, etc.

15. It is useful to keep records of your fitting for tracking purposes. Ideally, once you make fitting adjustments to a helmet for a player, you want that player to wear that particular helmet as long as he plays and so long as it continues to fit him properly. If you have no records, then you must start from scratch every year when fitting since you will have some helmets which have had fitting adjustments made to them and some which have not when they are returned to you from your reconditioner. With record keeping and tracking of helmets by your reconditioner, you can ensure that your players will wear the same helmet from year to year. If you do not keep records, then ask your reconditioner to make sure all of your helmets are returned to you in “standard issue” condition.

16. Make sure your reconditioner returns all helmet component parts to you. When a shell is rejected, many times the component parts are still usable as accessories. Have them returned to you so that you can use them as spare parts, if needed.
The helmet has **not** been designed to be used as a weapon in the sport of football. Your use of the helmet with improper blocking and/or tackling techniques may result in serious injury to you and/or an opposing player. **No** protective product can totally eliminate the inherent physical risks of football. You need to know what your equipment—your helmet, face-guard, shoulder pads, and all protective padding—can and cannot do.

Listen to your football coach, athletic trainer and equipment manager. The more you know about football and the proper fitting of the equipment you use, the better you’ll play. Understand how it can (and in some cases, cannot) protect you. If the fit of your helmet changes, notify your football coach, athletic trainer or equipment manager immediately.

It is **important** that you wear professionally manufactured equipment.

**USE YOUR HELMET PROPERLY**

**DO NOT ALTER YOUR EQUIPMENT!**

The danger in these techniques is that too often the player’s head is not in the proper position when contact is made with the opponent. Executed improperly (head down), the neck is most vulnerable to injury. A blow to the top of the head when the neck is straightened is the most frequent cause of permanent injury. Only legal techniques should be taught or practiced.

**WARNING**

Keep your head up. Do not butt, ram, spear or strike an opponent with any part of this helmet or faceguard. This is a violation of football rules and may cause you to suffer severe brain or neck injury, including paralysis or death and possible injury to your opponent. Contact in football may result in **Concussion/Brain Injury** which no helmet can prevent. Symptoms include: loss of consciousness or memory, dizziness, headache, nausea or confusion. If you have symptoms, immediately stop and report them to your coach, trainer and parents. Do not return to a game or contact until all symptoms are gone and you receive medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury.

**NO HELMET SYSTEM CAN PROTECT YOU FROM SERIOUS BRAIN AND/OR NECK INJURIES INCLUDING PARALYSIS OR DEATH. TO AVOID THESE RISKS, DO NOT ENGAGE IN THE SPORT OF FOOTBALL.**

This message made possible, in part, by a grant from Schutt Sports.

Schutt Sports, 710 South Industrial Drive, Litchfield, IL 62056

www.schuttsports.com