CleaneNG and Polishing HelMeTs

- Use Riddell helmet cleaner or wax
  - Available for regular maintenance
  - Patent Numbers: D603,099   D603,100   6,934,971 and 7,240,376
  - Read instructions carefully
  - Keep away from children
  - Commercial cleansers and polishes may damage the helmet shell or liner

Painting REVolution Speed HelMeTs

- Use only Riddell paint systems
  - Commercial paints may damage varisty helmet’s “Ko-lo-lite II” polycarbonate alloyed polymer material and youth helmet’s ABS plastic
  - Failure to comply will destroy the shell’s integrity and void warranty

SeRviCe iNstrUCtions

If the air cells do not inflate, examine for the following conditions:

1) The valve is missing:
   - Merely replace it with a new valve. This is done by lubricating the new valve with water and inserting it into the retainer with the valve nut.

2) The valve is defective:
   - Remove the rubber valve with needle nose pliers or Riddell T-nut Extractor Tool (part #72154) and pull straight out. Replace with new valve and new valve cap.

3) The cell is defective:
   - Refer to the instructions below to remove and replace inflatable liners and pads.

4) Service Instructions for Comfort Fit Overliner:
   - The Overliner should be hand washed in a mild detergent and air dried.
   - Do not machine dry.

RemoVING rePLACING LINeR and sPaDs

- Detach Crown pad from helmet
- Detach Velcro fasteners at lower rear of helmet, between lower back liner pad and interior shell
- Gently guide Side Liner pads from right and left sleeves of Overliner

RéPlACing the COMfort FIT oVERLINEr

- Guide Side Liner pads into right and left sleeves of Overliner
- Attach two rear flaps of Overliner to Velcro fasteners located on backsides of lower back liner pad, behind the Riddell nameplate
- Bring Side Liner pads into place above ear holes
- Secure the left and right ends of Side liner pad against Front liner pad
- Press pad into place
- Connect Front Pad to Velcro on interior shell

RéPlACIng the CURNoN PAD

- Gently remove valve cap from top of exterior shell
- Insert helmet and gently wedge fingers between Crown pad and interior shell
- Ease the valve from interior shell
- Secure shell plug from interior shell
- Pull Crown pad from helmet

RéPlACIng the FAce PADs

- Press shell plugs or valve retainers into holes near ear holes
- Connect pad to Velcro on interior shell

RéPlACIng the BACK/neck/SeItE LinER

- Gently remove valve cap from rear of exterior shell
- Invert helmet and gently wedge fingers under Back pad
- Place fingers around circular valve retainer
- Ease plug from interior shell
- Slide the Riddell nameplate from rear of helmet
- Pull liner from helmet

RéPlACIng the BACK/neck/SeItE LinER

- Slide the Riddell nameplate over bottom rear of helmet
- Locate valve through the hole in rear of exterior shell
- Center valve and press it into the hole
- Secure valve with exterior valve cap
- Bring Side liner pads into place above ear holes
- Ensure Side liner’s left and right ends fit snug against Front pad

RéPlACIng s-paDs (FACE PADs)

- Gently dislodge shell plugs or valve retainers near the ear holes
- Slide fingers between face pad and interior shell, locate shell plugs
- Ease plugs from interior shell
- Pull pad away from Velcro
- Do not cold to the tip of material

RéPlACIng s-paDs (FACE PADs)

- Press shell plugs or valve retainers into holes near ear holes
- Connect pad to Velcro on interior shell

RéPlACIng the CROWN PAD

- Gently remove valve cap from top of exterior shell
- Insert helmet and gently wedge fingers between Crown pad and interior shell
- Ease the valve from interior shell
- Secure shell plug from interior shell
- Pull Crown pad from helmet

RéPlACIng the CRoWN PAD

- Insert helmet
- Press the shell plug into top of interior shell
- Locate valve through the second hole in the top of the exterior shell
- Center valve and press it into the hole until flush with exterior shell
- Secure with exterior valve cap

RéPlACIng the FRONt PAD

- Grip Front pad from its top or sides
- Gently pull Front pad from Velcro fastener
  — If necessary, pull pad from sides/ear holes from interior shell
- If Front Pad is inside a pocket:
  — Pull pocket away from Velcro fastener
  — Slide Front Pad out of pocket

RéPlACIng the FRONt PAD

- Connect Front Pad to Velcro on interior shell
- Press pad in place
  — If necessary, pull pad from sides/ear holes from interior shell
  — Ensure Front pad fits snug between ends of Side liner
- If Front pad goes inside a pocket:
  — Slide Front Pad into pocket
  — Attach pocket to Velcro fastener

HeLMeT WAranTieS

The warranty on helmet shells is five (5) years for polycarbonate varisty helmets and three (3) years for ABS youth helmets, provided there has been normal use and proper maintenance. It is recommended that your helmet be reconditioned every year by a Riddell Factory Authorized Reconditioner. Proper maintenance requires reconditioning of your helmet at least every two (2) years by a NOCSAE Licensed Reconditioner using only new factory replacement liners in the reconditioning process. Evidence of any of the following conditions will operate to void this warranty:

1) Failure to have the helmet reconditioned at least every two (2) years by a NOCSAE Licensed Reconditioner.
2) Installation of used parts instead of new parts whenever a liner replacement is necessary.
3) Where shells have been damaged by a chemical reaction from the use of incompatible materials such as:
   - Attachment of a guard, face mask or component of another manufacturer or molded material.
   - Use of cleaners, waxes or paints of another manufacturer or failure to follow recommended cleaning and painting instructions.
4) Excessive drilling of holes or drilling of any new holes less than 1/8” from each other or the edge of the shell.
5) Abuse treatments or any use other than the playing of American football.
6) Removal of, or obliteration of, the Warranty label, date code or warning labels. Varsity and youth football helmet component parts are warranted to be free of defects in material and workmanship for a period of one (1) year provided there has been normal use and proper maintenance.

This warranty is in lieu of all other warranties, expressed or implied, including any implied warranties of merchantability or fitness for any particular purpose.

Manufacturer shall not be liable for any consequential damages resulting from the use of its products. Products covered by these warranties should be returned to the manufacturer along with evidence of the date of purchase.

WarRiNgS

1) Helmet must be properly fitted. See instructions.
2) Do not modify, change or alter helmet in any way.
3) Do not remove labels on helmet. See terms of limited warranty.
4) Helmet protection will be reduced seriously by some applied common substances without damage being visible to the user. It is recommended that user employ only factory authorized paints, cleaners, waxes, adhesives, guards and attachments as instructed.

Riddell

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FitTiNG iNstrucTions and HELMeT Care

Please read carefully before using helmet

Patent Numbers: D603,099   D603,100   6,934,971 and 7,240,376
Other patents pending

WARNING: NO HELMET CAN PREVENT THE SERIOUS HEAD OR NECK INJURIES A PLAYER MIGHT RECEIVE WHILE PARTICIPATING IN FOOTBALL.

Do not use this helmet to butt, ram or spear an opposing player. This is in violation of football rules and such use can result in severe head or neck injuries, paralysis or death to you 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 playing and report them to your coach, trainer and parents. Do not return to a game or practice until all symptoms are gone and you have received medical clearance. Ignoring this warning may lead to another and more serious or fatal brain injury.

Maintenance of correct fitting is essential to the use of all protective equipment. Football helmets must be fitted and properly maintained if they are to serve the player.
Inspect Helmet Before Each Use

- Check for proper fit
- Check for damage to liner and shell
- Check for loose hardware
- Check for damage to face mask

NEVER wear a damaged helmet. Chin straps must be buckled at all times during play.

1. CHECKING HEAD SIZE

- Wrap a cloth measuring tape around the circumference of head
- Measure with tape approximately 1" above the eyebrows
- Record measurement
- Use Riddell's Circumference Guide to select helmet size
- Player measurements and helmet sizes will differ

2. PUTTING ON HELMET

- Ensure helmet is the correct size
- Hold helmet with thumbs over bottom of S-PADS
- Place index fingers into ear holes
- Pull helmet down into position

3. ADJUSTING HELMET HEIGHT

- Inflatable Crown Pad with:
  - Riddell inflation bulb
  - Well-lubricated Riddell inflation needle
  - Riddell inflation needle is 5/8 of an inch long and won't puncture liners if used properly
- Use glycerin to lubricate inflation needle
  - Do not use petroleum-based lubricants or saliva as they can weaken valve material
- Apply glycerin to the inflation needle
  - Use Riddell's specially tipped glycerin bottle
  - The Riddell inflation needle is shorter than standard needle
- Insert Riddell inflation needle
- Pump Riddell inflation bulb to achieve proper fit

4. ADJUSTING BACK/NECK/SIDE LINER

- Adjust BACK/NECK/SIDE liner at rear inflation point
- Inflate for snug, comfortable fit front-to-back and side-to-side

5. ADJUSTING S-PADS (FACE PADS)

- Inflatable and non-inflatable S-PADS should feel firm against the face
  - If non-inflatable S-PADS feel loose, change to a thicker size
  - If non-inflatable S-PADS feel tight, change to a thinner size
- Inflate S-PADS with a Riddell inflation bulb and a well-lubricated Riddell inflation needle
- Insert needle into valve at exterior jaw flap
- Inflate S-PAD
- Front of helmet should be approximately 1" above the player's eyebrows

6. CHECKING FOR PROPER FIT

- The skin of the forehead should move with the front pad
  - There should be no room for twisting

- Inflate helmet liners if helmet slides easily over the forehead or try a smaller helmet

7. ADJUSTING CHIN STRAP

- Revolution Speed helmet includes:
  - Soft or hard cup chin strap with Mid hook-up
  - Buckle top of chin strap into the snaps above ear holes
  - Buckle bottom of chin strap into snaps below ear holes
  - Cup should be centered and snug over chin
  - Adjust chin strap until cup is firmly pressed against chin
  - When buckled, helmet should feel comfortable and snug
  - Chin straps are available in multiple sizes

8. TAKING OFF HELMET

- Unbuckle chin strap from bottom snaps
- Place an index finger into left and right ear holes
- Press thumbs into bottom of S-PADS
- Lift helmet up and off the head

HELMET POSITION

Too Low  Correct  Too High

SIZES  HAT SIZE  CIRCUMFERENCE
Small    up to 6 1/2    up to 20 1/4"
Medium  6 1/2 - 7    20 1/4" - 22"
Large    7 - 7 1/2    22" - 23 1/2"
X-Large  7 1/2 and up 23 1/2" and up

If measurement falls between helmet sizes, choose the smaller size.