

**EXO-3000 AIR**

**SCORPION**  
**EXO**

**TECHMANUAL**

# EXO-3000 AIR

PERFORMANCE FEATURES

## 1 TCT-U®

The advanced TCT-Ultra shell structure utilizes a proprietary 5 layer blend of interlaced and specially formulated fibers that are pre-impregnated with resin to create a strong yet lightweight shell structure

## 2 Ellip-Tec® Base Plate

Scorpion's ratchet system uses an elliptical motion that pulls the shield securely against the eye port, ensuring a proper seal. The Ellip-Tec ratchet system allows for 100% tool-less shield changing in a matter of seconds.

## 3 SpeedView® Retractable Sun-Visor

Retractable internal sun visor changes positions with a simple slide of a switch.

## 4 Pinlock® 100% Max Vision®

The shield is with Anti-Scratch hardened coating, and is ready for Pinlock® 100% Max Vision®, the world's best fog free resistant system.

## 5 KwikWick®3 Removable/Washable Anti-Microbial Liner

The third generation of Scorpion's moisture-wicking lining material feels cool to the touch in warm weather and warm in cool weather while maintaining anti-microbial and hypo-allergenic properties

## 6 AirFit® liner inflation system

Inflatable cheek pad system for a superior, personalized fit.

## 7 KwikFit® Cheek Pads

KwikFit™ cheek pads allow easy on and off of the most common styles of eye glasses.

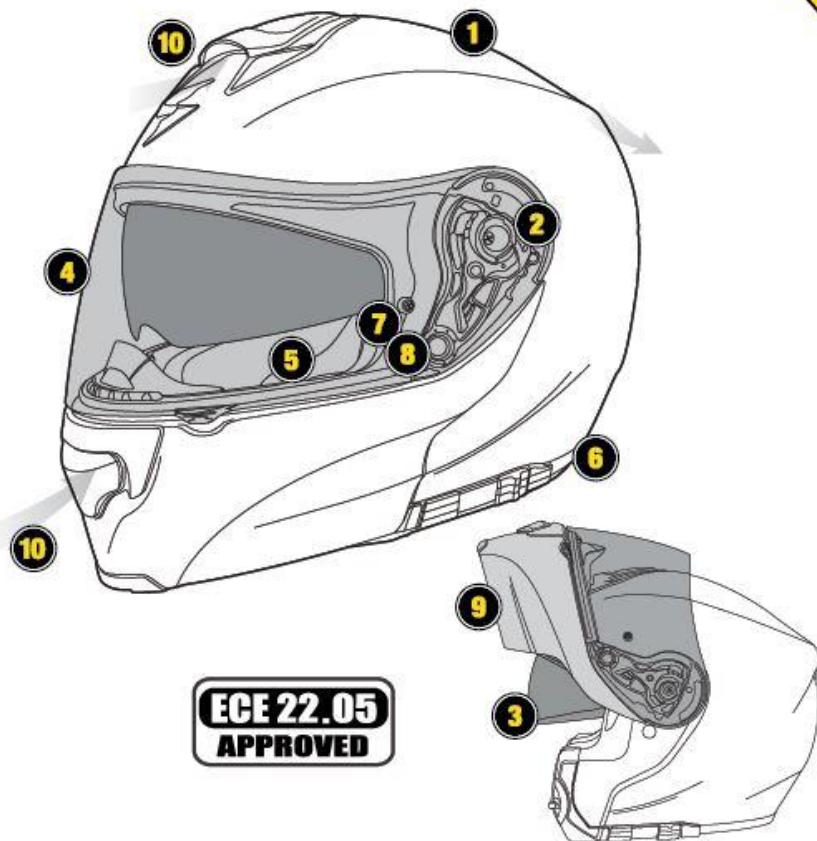
## 8 Three Dimensionally Contoured Cheek Pads

Three-dimensionally sculpted, multi-density foam that contours the rider's head shape for better comfort and fit.

## 9 Flip-up chin bar

A single button release allows the chin bar to be raised or lowered with either hand.

## 1



## 10 Aero-Tuned ventilation system

Intake ports across the front of the helmet force cool air into the helmet interior while exhaust vents maximize movement of hot air out of the helmet.

## 11 3 shell sizes

Having 3 shell sizes helps to optimize weight, fit and comfort across the entire size range.

## 12 Quick Release Chin Strap

Quick release micrometric chinstrap allows easy fastening and releasing, as well as quick and precise adjustment.



## Introduction



Congratulations for acquiring a premium ScorpionExo® helmet. This helmet embodies the latest, state-of-the-art design, engineering and technology available in the market today and is an excellent investment for your comfort and protection.

Please remember that no helmet can protect you against all possible or foreseeable impacts even when built with the latest and best materials and technology.

The following information will help you to enjoy and properly care for your helmet.

## Function



A helmet's main function is to protect your head from impact in case of an accident. To accomplish this, a helmet surrounds your head with a matrix of materials designed to absorb and cushion impact energy in some accidents. A helmet is also designed to provide you with comfort while riding at speed and in various weather conditions. Yet, there is a trade-off: A helmet decreases hearing sensitivity, peripheral vision and physical movement to a certain extent while providing protection and comfort.

## Fit



It is important for maximum safety that your ScorpionExo® helmet fit snugly and comfortably on your head with the retention strap (chinstrap) properly and snugly fastened. With the chinstrap firmly fastened, grab the back of the helmet with both hands and try to roll the helmet forward. If you can roll the helmet over the eyes, it is too loose and you should try another size of helmet.

## FaceShields



The faceshield on your ScorpionExo® helmet provides protection from weather, small flying objects and wind. Tinted shields are available to protect your eyes from excessive sunlight. The ScorpionExo® SpeedView® internal sunvisor system allows you to instantly tint the sunlight.

### **!WARNING!**

NEVER USE A DARK OR TINTED FACESHIELD OR SPEEDVIEW VISOR IN DARK OR POOR VISIBILITY RIDING CONDITIONS. This is not only unsafe, but also illegal in most countries.

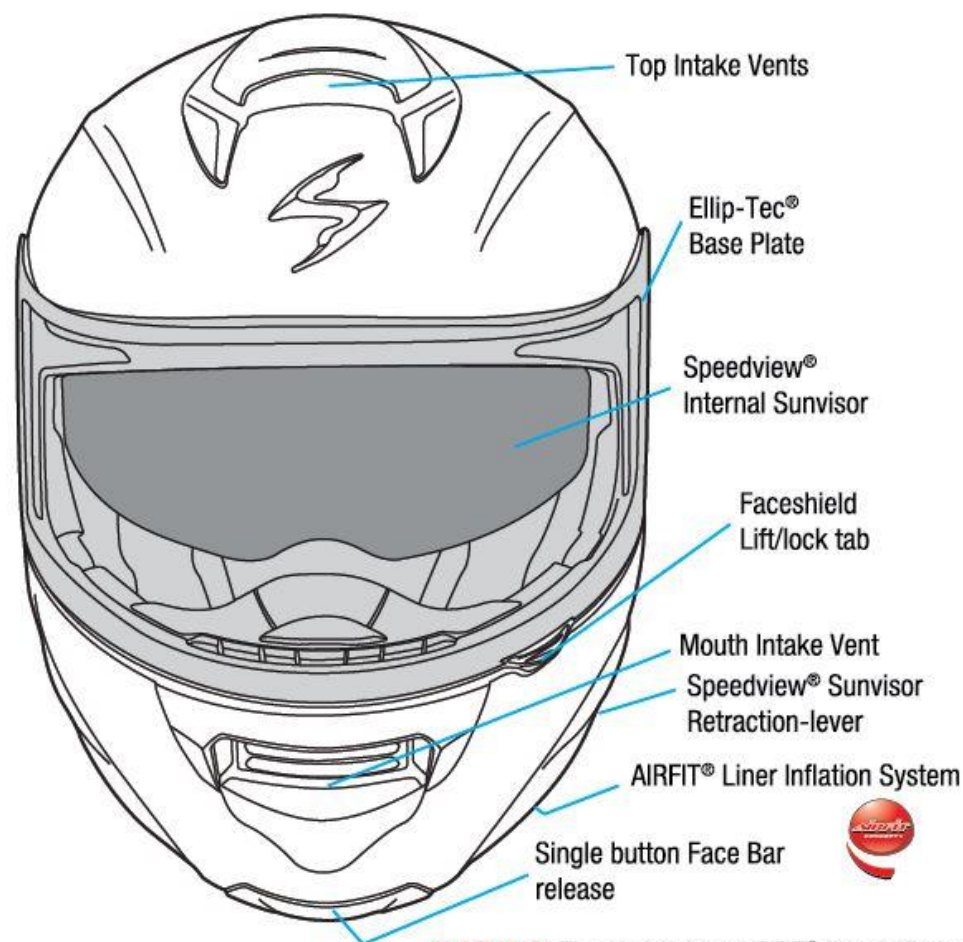
NEVER WEAR A FACESHIELD THAT HAS BECOME SCRATCHED, OR RIDE WITH A FACESHIELD THAT IS FOGGED BY CONDENSATION. SCORPIONEXO® FACESHIELDS (CLEAR AND SMOKE ONLY) COME WITH A SCRATCH-RESISTANT COATING.

## Ventilation Systems

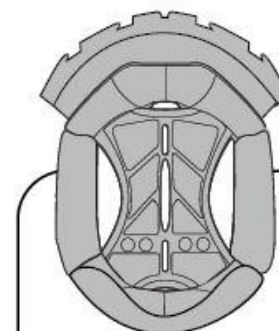
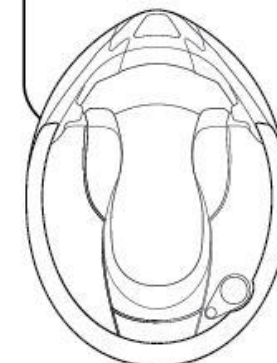
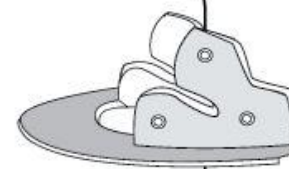


Ventilation systems are designed and engineered to maximize your comfort in a wide range of temperatures. Familiarize yourself with the vents on your street helmet. Some vents have detents allowing partial opening and closing, thereby controlling intake and exhaust airflow. Your helmet ventilation systems should be kept clear of any obstructions including dirt, insects or other items which could interfere with proper flow of air. The ventilation systems play an important role, especially during physical exertion or hot-weather riding. Ventilation helps decrease the possibility of fogging on the faceshield.

## FRONT VIEW OF THE HELMET



Crown Liner

Neck Roll and Cheek Pad  
(Side View)Neck Roll and Cheek Pad  
(Exterior View)

**!WARNING!** The air-bladder AIRFIT® liner inflation system is for minor cheek pad adjustment only, and is not designed to adjust for a wrong fitting helmet. You still have to choose the right size of helmet corresponding to your head circumference. Always check to make sure the crown liner, neckroll and cheek pad are installed before using the helmet. A helmet without the crown liner and/or cheekpad may increase your risk of serious injury or death.

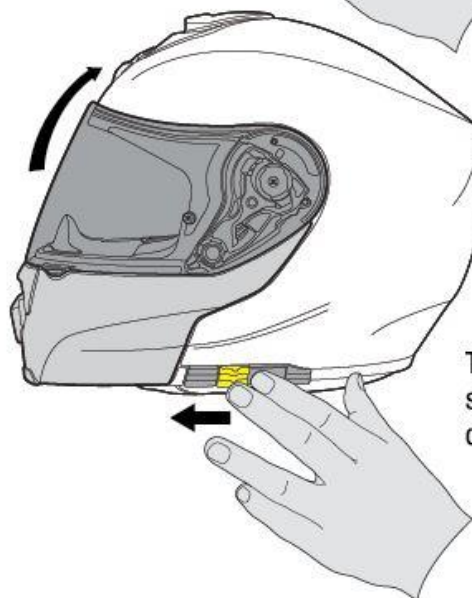


## USING THE RETRACTABLE SPEEDVIEW® SUNVISOR

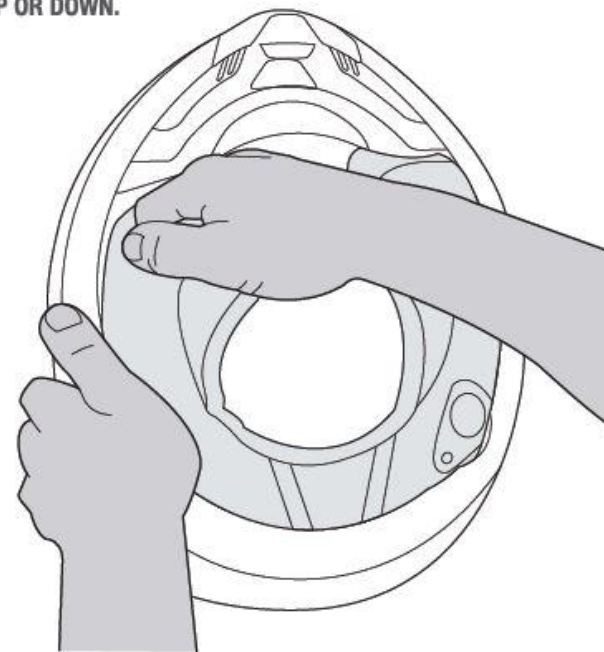
NOTE: THE RETRACTABLE INTERNAL SUNVISOR CAN BE LOWERED AND RETRACTED, REGARDLESS OF WHETHER OR NOT THE FACESHIELD IS UP OR DOWN.



To lower the sunvisor, simply slide the lever towards the back of the helmet.



To raise the sunvisor, just slide the lever towards the front of the helmet.



## REMOVING THE NECK ROLL WITH ATTACHED CHEEKPADS

Gently pull cheek pads away from the interior wall of helmet to unsnap the three plastic clips on each side. Next, gently tug away the Neck Roll with attached cheek pads away from helmet.

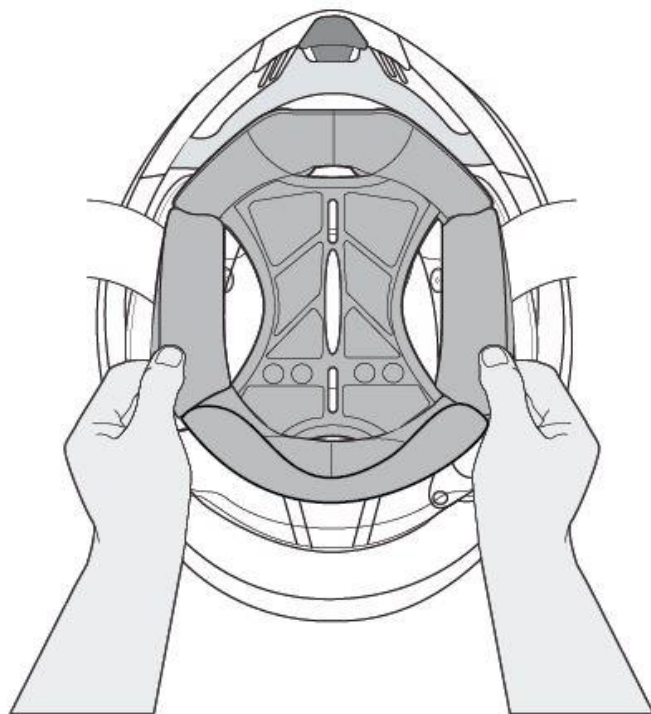


**DO NOT ATTEMPT TO ADJUST WHILE RIDING**



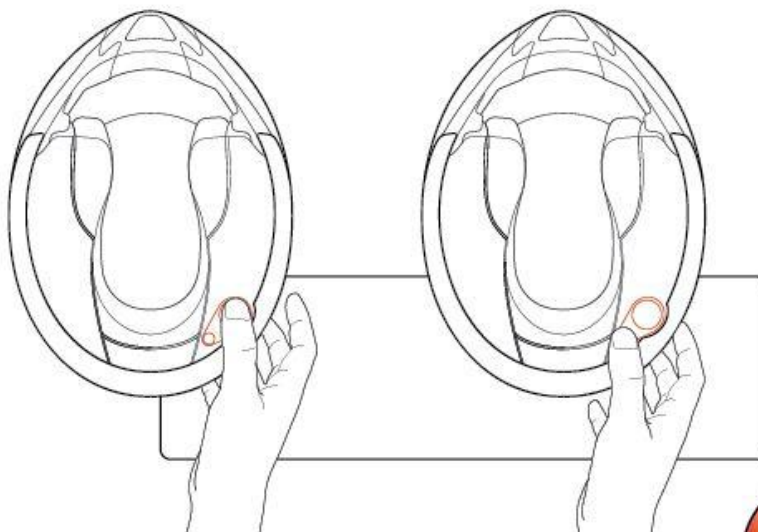
## REMOVING THE CROWN LINER

After removing the cheek pads, reach into the helmet and pull out the Crown-liner shown below. The front part of the liner is snapped to the helmet liner frame. Gently detach it from the forehead channel and pull away from interior of helmet.



## USING THE AIRFIT® LINER SYSTEM FEATURE FOR CUSTOMIZED FIT

There is an internal air bladder in the cheek pad and neck roll of the helmet, it inflates by repeatedly depressing the pump located in the back of the neck roll.



To deflate the air bladder, hold down the button to the side of the pump. The air will slowly release in a few seconds.

### **!WARNING!**

Though the inflation / deflation system of this helmet is designed to be used when you are actively wearing your helmet,

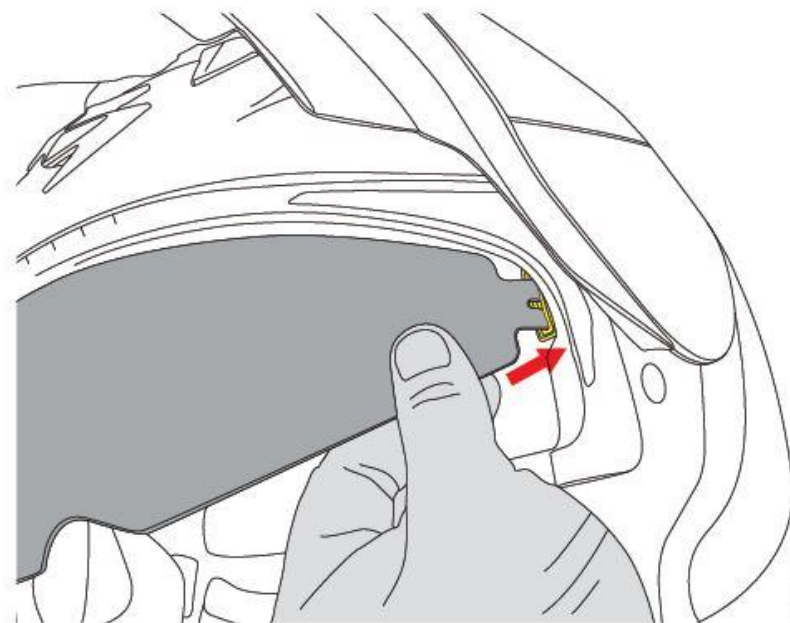
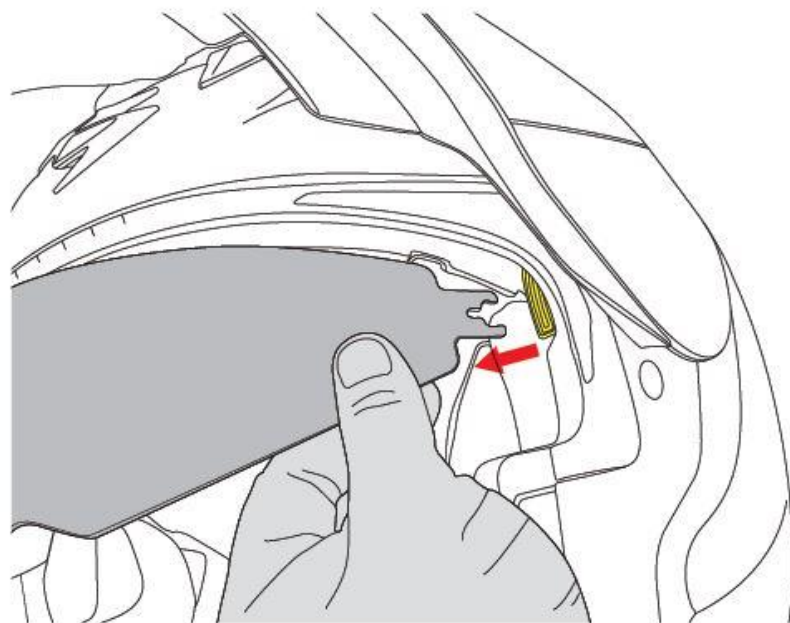
**/// DO NOT ATTEMPT TO RELEASE WHILE RIDING ///**

Do not modify, puncture, or damage the air bladders in any way. If the air bladder, or any other part of the inflation / deflation system becomes damaged or faulty, please consult with your dealer for parts warranty coverage details.



## REMOVAL OF SPEEDVIEW® SUNVISOR FOR CLEANING OR REPLACEMENT

**NOTE: FIRST, OPEN OUTER SHIELD TO THE HIGHEST POSITION.  
THEN LOWER THE SUNVISOR TO LOWEST POSSIBLE POSITION. (See page 4)**

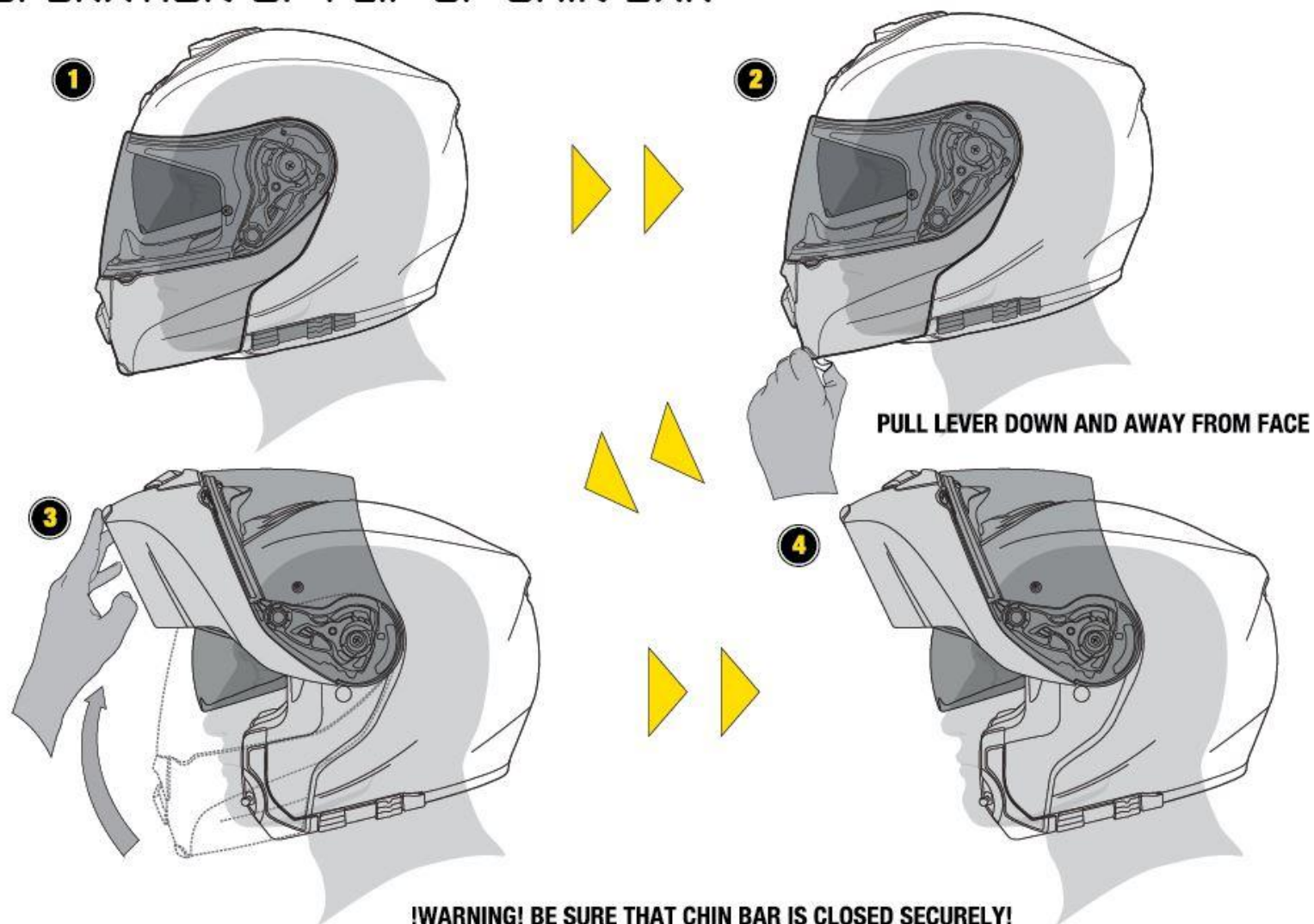


Firmly hold the sunvisor with your hand and gently pull one side out away from the helmet to release. Repeat to release the opposite side.

Reverse process for installation.



## OPERATION OF FLIP UP CHIN BAR



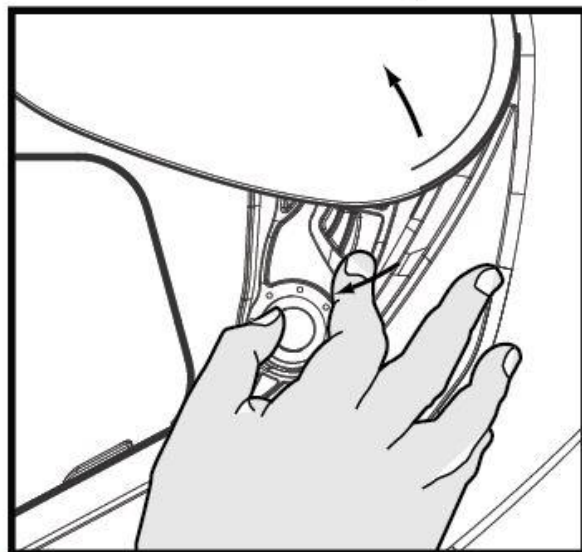
**!WARNING! BE SURE THAT CHIN BAR IS CLOSED SECURELY!  
DO NOT OPERATE MOTORCYCLE WITH CHIN BAR IN OPEN POSITION!**



## FACESHIELD REPLACEMENT

**NOTE: THE FACESHIELD CAN ONLY BE REMOVED OR INSTALLED WHEN IN THE FULLY OPENED POSITION!!!**

To remove your faceshield, place the helmet in front of you with the eye port facing away. Ratchet the faceshield up to the fully open position. Using both hands, push up the Y shape release latchet upward and the shield is able to release out of locking mechanism. Then, with both of your thumbs pushing squarely on the center of the Ellip-Tec™, gently pull or “peel” the faceshield away from the helmet.



**IMPORTANT NOTE:**  
Be sure to latch up the “Y” release latchet while removing the faceshield!

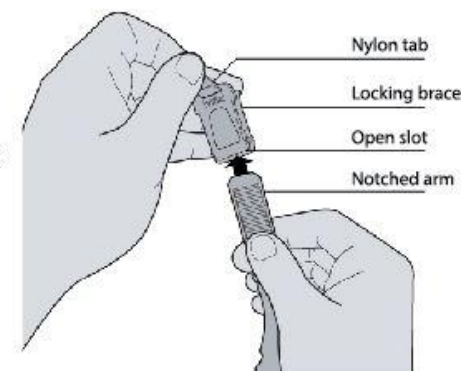
## SECURING AND WEARING YOUR HELMET

Do not simply pull your helmet down onto your head like a hat. Your ScorpionExo® helmet should be worn as follows: Using both hands to grab the helmet's bottom rim while holding the chinstraps with your thumbs. Then “roll” the helmet onto your head starting at the forehead. Continue rolling the helmet on towards the back of the head until it comes to rest with your head fully in contact with the inner lining and cheek pads.

### HOW TO USE CHINSTRAP

While you are wearing your helmet, grasp the notched arm of the chinstrap with your right hand, and the locking mechanism with your left hand.

Pull the nylon tab with your thumb and forefinger to open the locking brace. Insert the notched arm into the slot. Release the nylon tab to lock the arm in place. Adjust as needed.



### FIRMLY AND SECURELY FASTEN YOUR CHINSTRAP.

Check your chinstrap for tightness occasionally as vibration or wind may loosen it.

### Cleaning Your Helmet System

None of the components of your ScorpionExo™ helmet can be damaged by water. All headliners and sweat-wicking cheek pads are machine washable. Wash them with a mild detergent in warm water and allow to air dry. Hand washing is recommended, but machine washing is also permitted. Use the “delicate” cycle to prevent the agitator from damaging the sweat-wicking material

Continued on pg. 9 >>

Continued from pg. 9 >>

covering the liner parts, we recommend to place the parts in a washing bag. Do not place lining parts in the dryer: Excess heat may damage the foam and coverings. The faceshield may be cleaned with plastic polish or mild soap and water. The shell of your helmet should be cleaned using only a mild detergent and water. **NEVER USE PETROLEUM BASED CHEMICALS, SOLVENTS, GASOLINE, CLEANING AGENTS OR ADHESIVES** to clean the shell, liners or faceshield of your helmet. Your helmet shell, liner and faceshield may be seriously damaged by the use of such products.

### Warning

For your safety, it is important that you completely read the owner's manual and all warning labels.

### DO NOT

**DO NOT** ride without snugly fastening your chinstrap.  
**DO NOT** clean your helmet with petroleum products, solvents, benzene, thinner or cleaning agents.  
**DO NOT** paint over your helmet's finish without totally protecting and isolating the shock-absorbing liner and plastic parts. Your warranty will otherwise be invalidated.  
**DO NOT** drop your helmet from any height onto a hard surface. This could cause damage to your helmet's finished and/or decrease its ability to protect you.  
**DO NOT** place your helmet on your motorcycle's rearview mirror: The sharp pressure from the mirror's edge will compress and damage the helmet's shock-absorbing liner.  
**DO NOT** place your helmet on the motorcycle's seat or fuel tank. It can easily roll off and hit the ground causing damage to the helmet. It is best to place your helmet on the ground so it cannot fall in any direction.

**DO NOT** ride with a scratched faceshield. This can impair your vision, especially at night.

**DO NOT** modify any part of your helmet, e.g., drilling the shell or cutting and pressing the shock absorbing liner. Installation of sound systems, speakers and microphones reduces your helmet's ability to protect you and is not recommended.

**DO NOT** use the helmet again if it has either been dropped or involved in an accident. Replace it even if the damage is not visible to the naked eye.

**DO NOT** wear a dark or tinted faceshield (including the retractable SpeedView™ Sunvisor) in dark or poor visibility riding conditions.

**DO NOT** place your headliners and cheek pads in the dryer after washing. Allow them to air dry.

**DO NOT** attempt to remove, change or replace your faceshield while riding your motorcycle or ATV.

**DO NOT** use paint which requires heat curing.

### Warranty

For on-line registration of your new ScorpionExo helmet, please log onto [www.scorpionsports.eu](http://www.scorpionsports.eu) and click on "Support". Should you have a warranty claim please call Scorpion Sports Europe at +33-(0)390222299 during business hours and ask for the warranty department. You may also take your helmet to your local dealer for evaluation.

**YEAR**  
**5**  
**WARRANTY**



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