



Instructions for use

Thank you for purchasing your new SHOEI helmet. This manual contains valuable information to help you understand how to operate and maintain your helmet. Please read this manual carefully before use and keep it for future reference. Your SHOEI dealer can provide a replacement if this manual is lost.

Read This First

Confirm the Packed Items

Parts Description

Breath Guard

Applying Silicone Oil

Chin Curtain

Ear Pads

CNS-1 Shield / Visor

**Important Notice about Handling
the CNS-1 Shield / Visor**

QSV-1 Sun Shield / Visor

**Important Notice about Handling
the QSV-1 Sun Shield / Visor**

PINLOCK® fog-free lens

Replacing Interior Parts

Removing Interior Parts

Installing Interior Parts

**Important Notice about
Handling Interior Parts**

**E.Q.R.S.
(Emergency Quick Release System)**

WARNING

Parts List

Read This First

This product is a motorcycle helmet.

Do not use it for any purposes other than riding a motorcycle. If you use the helmet for any other purpose, it may not provide sufficient protection in case of an accident.

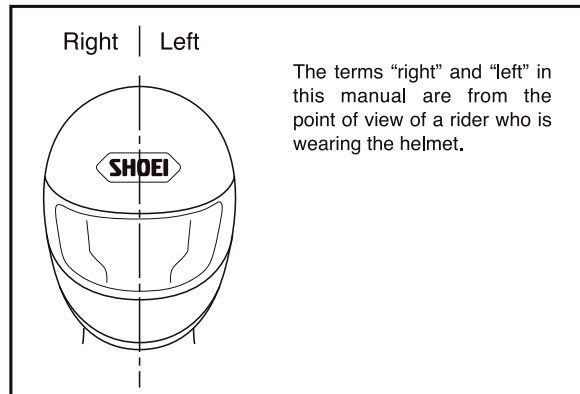
No helmet can protect the wearer against all foreseeable high speed and low speed impacts.

For maximum head protection, the helmet must fit properly and the retention system must be securely fastened under the chin. The helmet should allow sufficient peripheral vision when secure on your head. If your helmet is too large, it may slip or move on your head while riding. This could cause your helmet to come off in an accident or obstruct your vision while riding resulting in personal injury or death. To learn to properly wear and secure your helmet, see the booklet "How to Use Your Helmet Properly" that was packed with the helmet.

The contents of this manual are subject to change without notice.

The illustrations in this manual may differ from the actual product.

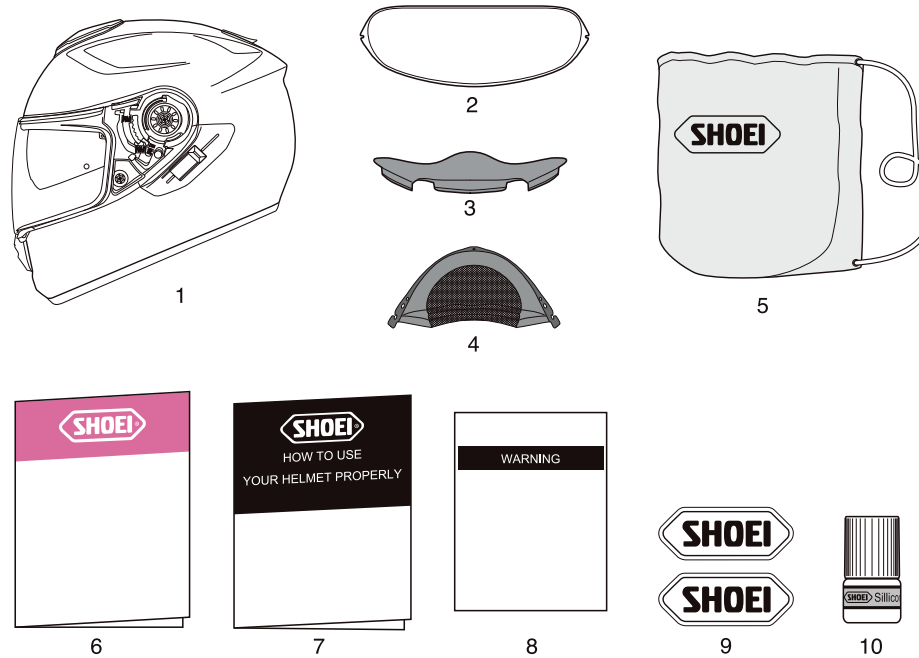
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Confirm the Packed Items

After opening the product box, please confirm that all parts and accessories are included.

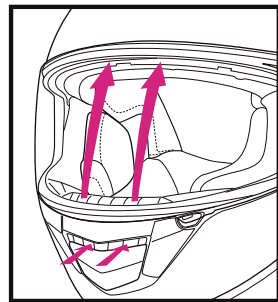
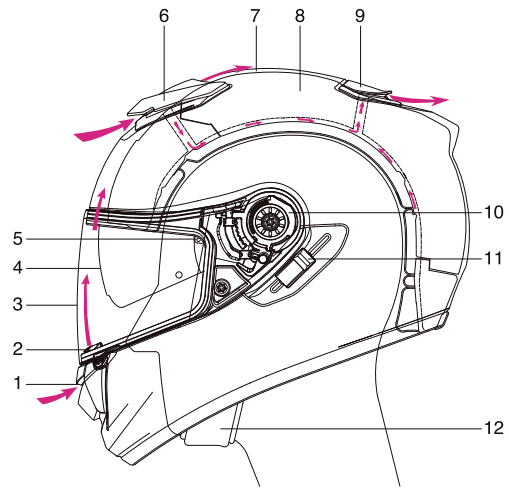
1. Helmet
2. PINLOCK® fog-free lens
3. Breath Guard
4. Chin Curtain (installed in the helmet)
5. Helmet Bag
6. Instruction Manual
7. "How to use your helmet properly"
8. Warning label (E-3 tag: for ECE R22 Products)
9. SHOEI logo stickers (2)
10. Silicone Oil



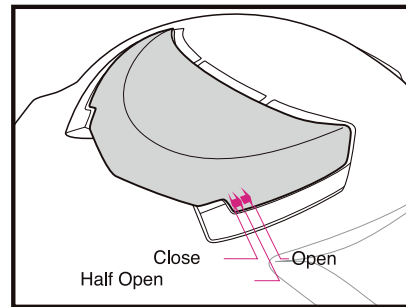
We recommend that you save the box and its cushioning material in case you need to ship the product or its parts for repair. If you dispose of these materials, please follow the proper laws and regulations.

Parts Description

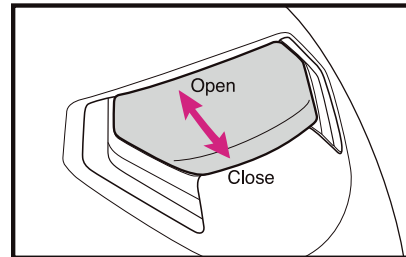
1. Lower Air Intake
2. Defogger Ventilation System
3. CNS-1 Shield / Visor
4. QSV-1 Sun Shield / Visor
5. Sun Shield / Visor Holder
6. Upper Air Intake
7. Shell
8. Impact Absorbing Liner
9. Top Air Outlet
10. Shield / Visor Base
11. Sun Shield / Visor Lever
12. Chinstrap



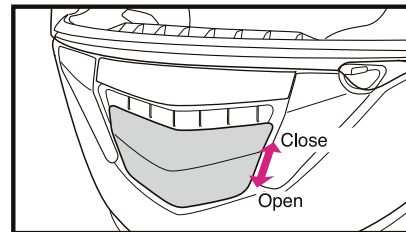
Defogger Ventilation System




Upper Air Intake



Top Air Outlet



Lower Air Intake

 Opening the vents on the helmet can cause an increase in noise levels.

Breath Guard

The breath guard reduces fogging of the shield / visor caused by breathing.

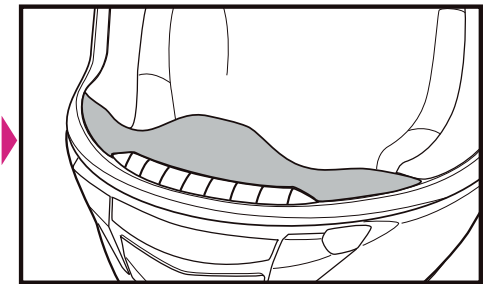
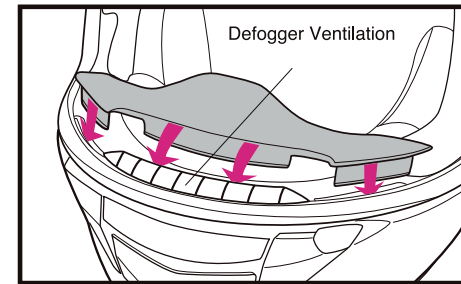
To install the breath guard, use the following procedure.


Installing the Breath Guard

As shown in the drawing, firmly insert the breath guard in the space between the defogger ventilation and the impact absorbing liner.

Removing the Breath Guard

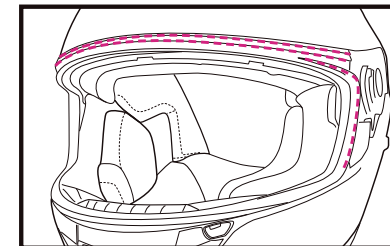
Pull the breath guard from the space between the defogger ventilation and the impact absorbing liner. When you pull out the breath guard, the back side of the window beading may come off. If this happens, grab the window beading between the thumb and the forefinger and return it to its location.



 Do not carry or hold the helmet by the breath guard. The breath guard may come off, causing the helmet to drop.

Applying Silicone Oil

For better sealing of the shield / visor, apply the enclosed silicone oil on the window beading. First, remove any dirt or dust, then apply a small amount of oil to the designated part as per drawing. Wipe away any excess oil. If silicone oil stains the shield / visor, it may obstruct your view. Check for adequate lubrication regularly.



Chin Curtain

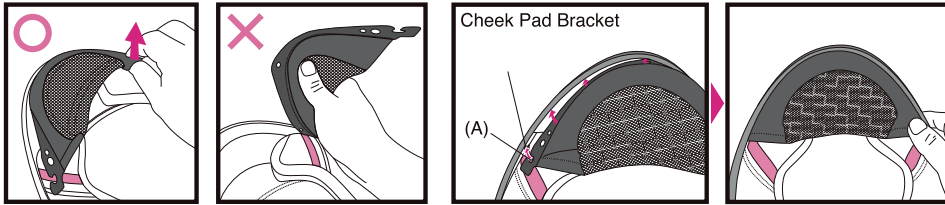
The chin curtain reduces the influx of air turbulence and wind noise into the helmet's chin area. The chin curtain can be removed by using the following procedure.

Removing the Chin Curtain

From the cheek pad brackets, pull out the notches found near both ends of the plate. Do not twist or pull it hard, otherwise the plate notch may be damaged.

Installing the Chin Curtain

Install the cheek pads before installing the chin curtain. Fit plate notch (A) securely in the boss of the front cheek pad bracket as per drawing. Next, insert the plate between the shell and the impact absorbing liner. Fit plate notch on the other end of the chin curtain to the boss.




WARNING


1. With the chin curtain is installed, the sound from nearby vehicles will be reduced. Please be aware of this while riding.
2. Do not carry or hold the helmet by the chin curtain. The chin curtain may come off, and the helmet may drop.

Ear Pads

The ear pads are designed to reduce wind noise. The ear pads can be removed. To remove or install the ear pads, see the "Removing Interior Parts" and "Installing Interior Parts" sections.

-  With the ear pads are installed, the sound from nearby vehicles will be reduced. Please be aware of this while riding.

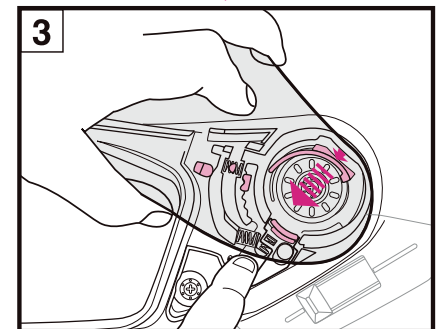
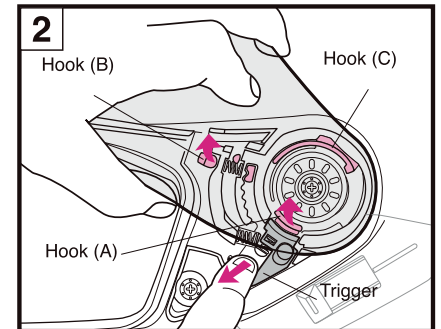
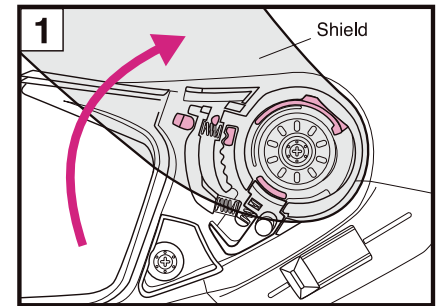
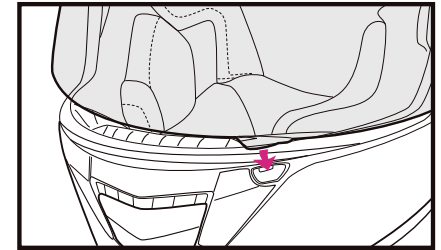
CNS-1 Shield / Visor

-  Before using the shield / visor for the first time after purchase, remove the protective film from the shield / visor.

If you pull the CNS-1 Shield / Visor completely down, the shield / visor tab will clasp the hook. We recommend that you use the shield / visor in this position while riding your motorcycle.

Removing the CNS-1 Shield / Visor

1. Move the CNS-1 Shield/Visor to the fully open position (Drawing 1).
2. While pulling the trigger down, lift the shield/visor and release hooks (A), (B) and (C) as per drawing 2.
3. Follow the same procedure to remove the other side.

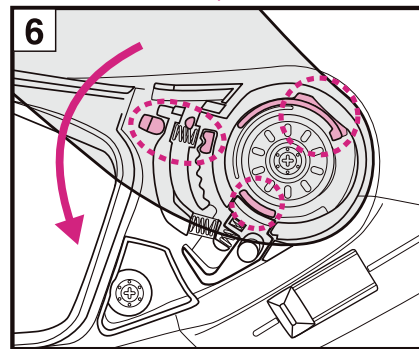
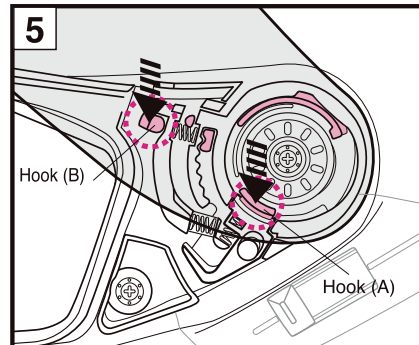
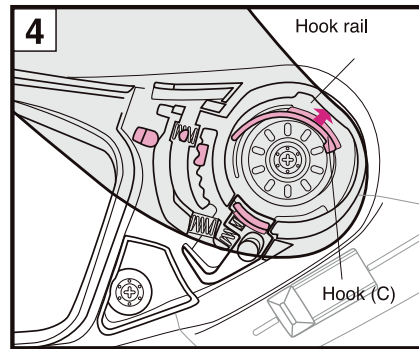


Installing the CNS-1 Shield / Visor

1. Place a shield / visor in full open position and insert shield / visor hook (C) into the hook rail (Drawing 4).
2. Press the shield / visor as indicated in the Drawing 5. The trigger will rise as the shield / visor clicks, and hook (A) and (B) will fit into the hook rail.
3. Follow the same procedure to install the other side.
4. Confirm that the shield / visor hook and gear fit properly into the shield / visor base.

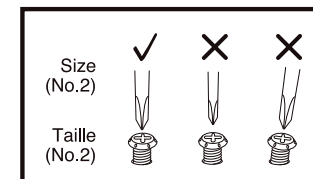
WARNING

If the hook and gear are not securely fastened in the shield / visor base, the shield / visor may come loose while riding and an accident may unexpectedly occur. After installing the CNS-1 Shield / Visor, open and close the shield / visor a few times to confirm that the hook and gear fit securely. With the shield / visor completely closed, confirm that the shield / visor tab is clasped by the hook.



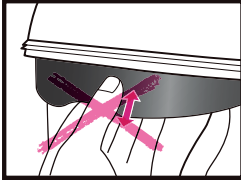
Important Notice about Handling the CNS-1 Shield / Visor

1. Dirt and scratches on the shield / visor may obstruct your view while riding and can be very dangerous! If the CNS-1 shield / visor gets dirty or scratched, stop using it immediately. Remove the shield / visor and clean or replace it.
2. The CNS-1 shield / visor should be cleaned with a solution of mild, neutral soap and water. Rinse well with pure water then wipe dry with a soft cloth. **Do not use any of the following cleaning materials: hot water over 40°C; salt water; any acidic or alkali detergent; benzine, thinner, gasoline, or other organic solvents; glass cleaner; or any cleaner containing organic solvents.** If any of these cleaners are used, the shield's / visor's chemical nature may be altered and safety may be hindered.
3. Do not ride with a shield / visor that is fogged. This may obstruct your view and can be very dangerous. If the CNS-1 shield / visor is fogged, open the lower air intake and / or open the shield / visor to circulate air within the helmet and remove the fog from the shield / visor. Use of the PINLOCK® fog-free lens is also effective in stopping fog.
4. Always use SHOEI's genuine PINLOCK® fog-free lens for CNS-1. For fitting PINLOCK® fog-free lens, please read instructions enclosed in it.
5. Remove the protective film before using the shield / visor for the first time.
6. After cleaning or replacing the base plates, close the shield / visor and make sure that it touches the window beading in all around. If there is a gap between the shield / visor and the window beading, adjust a position of the base plate and eliminate the gap, because it may cause roll-in of wind or noise.
7. For tightening screws, apply No.2 size Phillips head screwdriver vertically and rotate it carefully. If improper sized screwdriver or electric screwdriver is used, a screw head may be broken. Use a genuine screw made of aluminum for replacement. If a screw is tightened too much, it may be broken. (Recommended torque: 80 cN·m or about 8 kgf·cm)
8. Do not place any sticker or tape in the shield's / visor's field of vision.

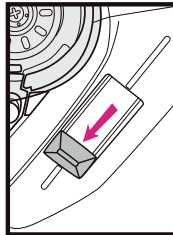


QSV-1 Sun Shield / Visor

! Only raise or lower the sun shield/visor by using the lever. Never raise or lower the sun shield / visor directly with your hands. This may damage the sun shield's / visor's raising and lowering mechanism.



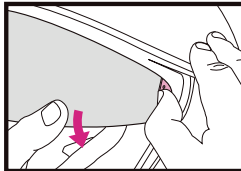
The QSV-1 sun shield / visor can be opened and closed by sliding the sun shield / visor lever on the left side of the shell. To open the sun shield / visor, pull the lever down until it stops in the position shown in the drawing. If the sun shield / visor is not fully open, it may slip down and close unexpectedly during riding due to vibration or other phenomena and your view may be obstructed.



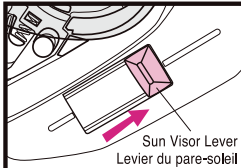
■ Removing the QSV-1 Sun Shield / Visor

1. Lower the QSV-1 sun shield / visor.
2. As shown in the drawing, hold the sun shield / visor and use your fingernail to widen the space between the sun shield / visor holder and the sun shield / visor. Detach the sun shield / visor by rotating it in the direction shown by the arrow.
3. Detach the other side of the sun shield / visor using the same method, then remove the sun shield / visor.

Removing the QSV-1 Sun Shield / Visor
Retrait du pare-soleil QSV-1

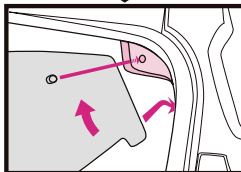


Installing the QSV-1 Sun Shield / Visor
Mise en place du pare-soleil QSV-1



■ Installing the QSV-1 Sun Shield / Visor

1. Slide the sun shield / visor lever to the position shown in the drawing.
2. Continue to press the lever so that the sun shield / visor does not move. As shown in the drawing, insert the rounded part at the bottom edge of the QSV-1 sun shield / visor into the holder's opening. While rotating the shield / visor in the direction shown by the arrow, press the rounded part of the sun shield / visor into the holder until you hear it catch.
3. Follow the same installation procedure for the other side.
4. Remove any fingerprints on the sun shield / visor by wiping with a soft, dry cloth.



Important Notice about Handling the QSV-1 Sun Shield / Visor

1. The QSV-1 sun shield / visor is designed to provide shade only and cannot function as an outer shield / visor. Do not ride with the outer shield / visor open and using only the sun shield / visor.
2. Do not use the sun shield / visor together with sunglasses, as this will dangerously darken your view!
3. Raise the sun shield / visor while riding at night, through a tunnel, or any other low-light condition.
4. Dirt and scratches on the sun shield / visor may obstruct your view while riding and can be dangerous! If the QSV-1 sun shield / visor gets dirty or scratched, stop using it immediately. Remove the sun shield / visor and clean or replace it.
5. The QSV-1 sun shield / visor should be cleaned with a soft, dry cloth. **Do not use any of the following cleaning materials: hot water over 40°C; salt water; any acidic or alkali detergent; benzine, thinner, gasoline, or other organic solvents; glass cleaner; or any cleaner containing organic solvents.** If any of these cleaners are used, the sun shield's / visor's chemical nature may be altered and safety may be hindered.
6. The QSV-1 sun shield / visor has undergone antifogging treatment, but may develop fog in low temperatures or high humidity. Do not ride with a sun shield / visor that is fogged. This may obstruct your view and can be very dangerous. If the QSV-1 sun shield / visor is fogged, open the lower air intake and/or open the outer shield / visor to circulate air or raise the sun shield / visor.
7. Under certain storage conditions, humidity may cause the outer surface of the sun shield / visor to become white. If this happens, take a soft, dry cloth like one for cleaning eyeglasses and wipe the sun shield / visor to restore it to its original condition.
8. Do not attach any stickers or tape on the QSV-1 sun shield / visor. They may obstruct your view.
9. If the sun shield / visor is not installed properly, it may drop unexpectedly during riding and obstruct the rider's vision. After installing the QSV-1 sun shield / visor, raise and lower the shield / visor several times to confirm that the protruding section of the sun shield / visor is fit securely in the holder's opening. Confirm that there is no space between the sun shield / visor and the holder.

PINLOCK® fog-free lens

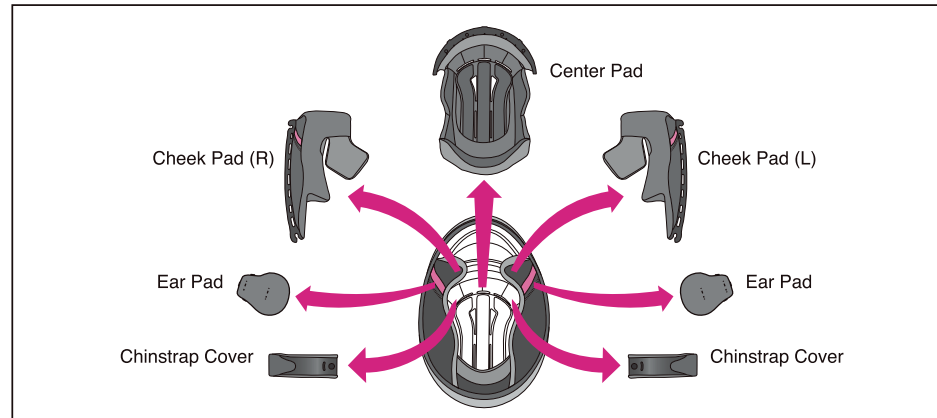
If you are using the PINLOCK® fog-free lens, read the instruction manual that comes packed with it.



1. Daytime use only. Never use PINLOCK® fog-free lens at night. If the PINLOCK® fog-free lens is used with a clear shield / visor, its light transmission ratio will be approximately 80%. This value does not meet the light transmission standards in the U.S. (VESC-8, 85%), Australia (AS1609, 85%), or Europe (ECE R22, 80%), so this accessory is for “daytime use only” in these jurisdictions.
2. The PINLOCK® fog-free lens is made of a material that is easier to scratch than the outer shield / visor. It should be treated with great care.
3. Remove the protective film before using the PINLOCK® fog-free lens.
4. The PINLOCK® fog-free lens demonstrates high effectiveness in stopping fog by absorbing moisture. However, if the helmet is used continuously with the lower vent in the closed position in low-temperature, high-humidity conditions, the lens can become saturated with water vapor causing streaks and fog to appear. If streaks or fog appears, it may obstruct your view and be very dangerous! In this case, open the lower air intake and/or open the shield / visor to circulate air within the helmet to remove the streaks and fog from the helmet.

*PINLOCK® is a registered trademark of PINLOCK SYSTEMS B.V.

Replacing Interior Parts



The center pad, the right and left cheek pads and chinstrap covers, and the ear pads can be removed for washing. You can also adjust the fit of your helmet by switching to the optional pads. Look at the list and drawing of interior parts and check whether the parts are installed or removed. Be sure to always fix the center pad, cheek pads, and chinstrap covers prior to riding. If necessary, use the following table to order the proper interior parts to adjust the fit of your helmet.

		XS	S	M	L	XL	XXL
Center Pad	Optional (firm fit)	—	S13	M13	L13	XL13	XL9
	Standard	S13	S9	M9	L9	XL9	XL5
	Optional (loose fit)	S9	S5	M5	L5	XL5	—
Cheek Pad	Optional (firm fit)	—	39				35
	Standard	39	35				31
	Optional (loose fit)	35	31				—

- The same cheek pads can be used with all helmet sizes. For the M size helmet example, choose cheek pad size 31 if you want a looser fit and size 39 for a firmer fit (both are optional parts).
- Center pads will vary by model size. Confirm the size of your helmet prior to making a purchase.

Removing Interior Parts

1. Removing the Cheek Pads

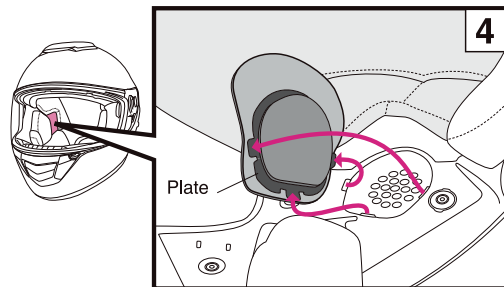
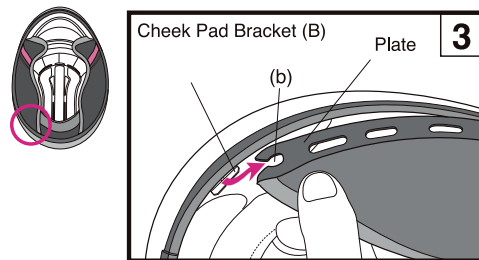
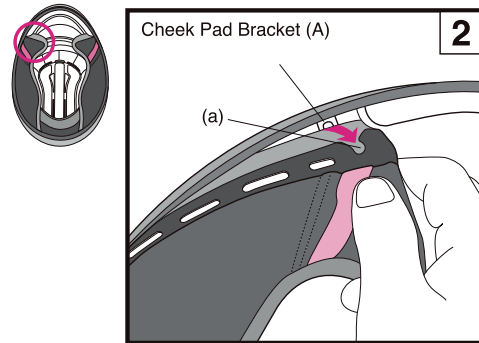
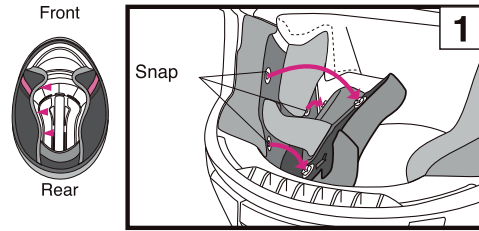
Remove the chin curtain first.

Unfasten the 3 snaps to remove the pad from the cheek pad base (Drawing 1). Pull the notch (a) from the cheek pad bracket (A) as shown in the Drawing 2.

Next, pull the notch (b) from the cheek pad bracket (B) as shown in the Drawing 3. Do not pull it hard. **Be sure to pull the front notch (a) out first. If you pull out the rear notch (b) before pulling out notch (a), the plate may be damaged.**

2. Removing the Ear Pads

Unfasten the 3 clasps on the plate from the cheek pad base (Drawing 4). Remove the ear pad. Remove the other ear pad in the same manner

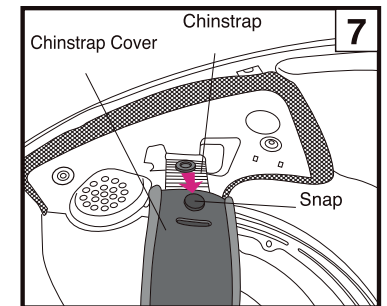
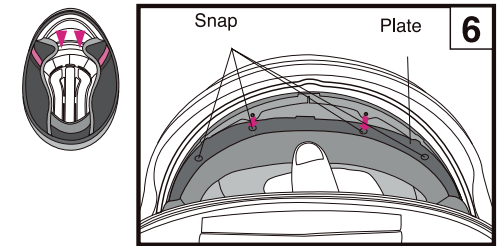
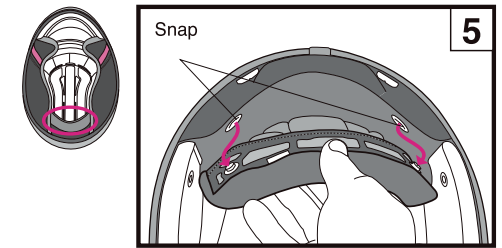


3. Removing the Center Pad

Unfasten the 2 snaps in the back (Drawing 5) and the 4 snaps in the front (Drawing 6). Remove the center pad.

4. Removing the Chinstrap Covers

Remove the cheek pad then unfasten the chinstrap cover snap. Remove the cover from the chinstrap (Drawing 7). Remove the other chinstrap cover in the same manner.



Installing Interior Parts

1. Installing the Chinstrap Covers

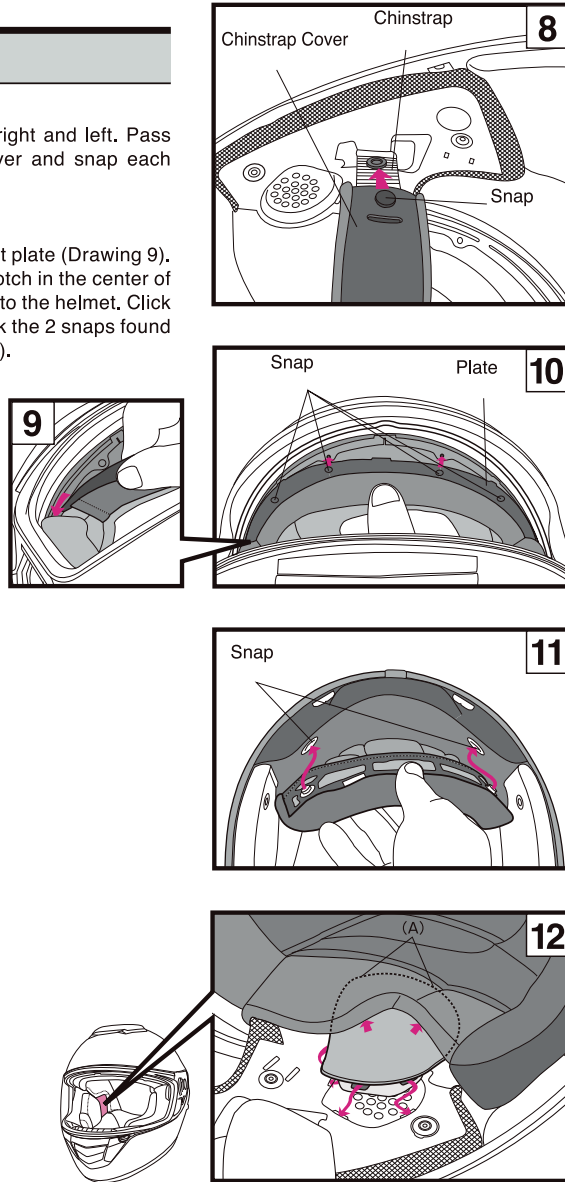
A chinstrap cover is interchangeable right and left. Pass the chinstrap through a chinstrap cover and snap each other until you hear it clicks.

2. Installing the Center Pad

Insert the right and left sides of the front plate (Drawing 9). Fit the plate's rounded section in the notch in the center of the center pad bracket that is attached to the helmet. Click the 4 snaps in place (Drawing 10). Click the 2 snaps found on the back plate in place (Drawing 11).

3. Installing the Ear Pads

The right and left ear pads are designed to be used together. Press ear pad section (A) between the center pad and the impact absorbing liner (Drawing 12). Insert the 3 clasps of the ear pad in the notches of the cheek pad base. Install the other ear pad in the same manner.

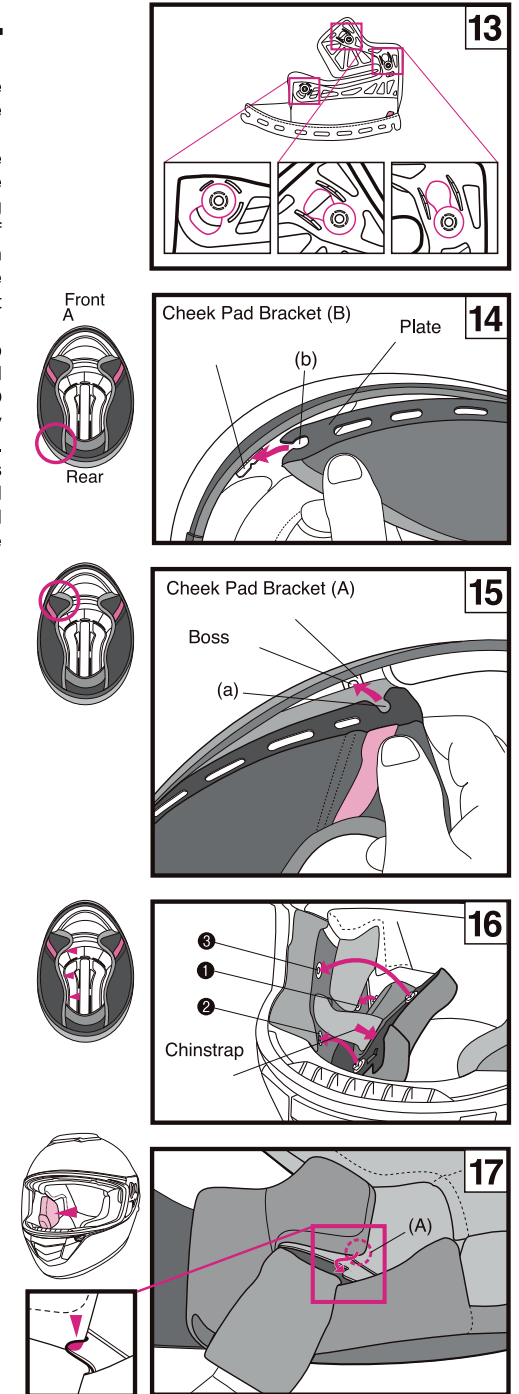


4. Installing the Cheek Pads

Before installing the cheek pads, check that the 3 snaps are in the positions shown in the Drawing 13.

Identify the right and left sides and insert the rear section of the cheek pad plate in the space between the shell and the impact absorbing liner. Fit plate notch (b) securely in the boss of the cheek pad bracket (B) (Drawing 14). Then insert the plate so that it faces forward. Take notch (a) in the front of the plate and fit it securely into the boss (Drawing 15).

After the plate is inserted, pass the chinstrap through the hollow section of the cheek pad (Drawing 16). Fasten the snaps in ① to ③ order, by pressing the head of the snaps firmly from the pad side until they click in place. Lastly, press the corner (A) of the pad as shown in the Drawing 17 and fit the cheek pad plate securely into the boss of the cheek pad base. Install the other cheek pad in the same manner.

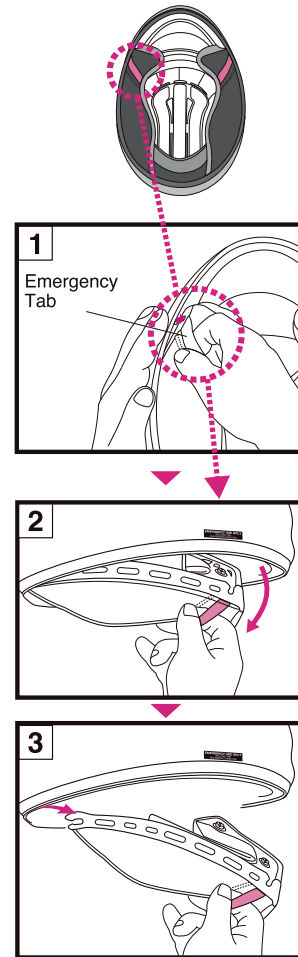


Important Notice about Handling Interior Parts

1. When fastening or unfastening the snaps, you should hold near the snaps and treat carefully. Fasten the snaps firmly until they click in place.
2. You can clean the inner parts by hand washing them or by washing them in a washing machine after placing them in a laundry net. Please treat them carefully when washing. Use lukewarm water. Gently squeeze the parts with a dry towel and dry them in the shade. To prevent damage to the plastic areas of the interior parts, do not wring them strongly and do not fold or bend the plastic areas. Take special care if you are using a washing machine. Do not dry the interior parts with a clothes dryer, blow dryer, or any other type of mechanical dryer, as heat can damage the material. The impact absorbing liner (polystyrene foam section) should be wet with a soft cloth dipped in a solution of mild neutral soap and water and then wiped. Allow time for the impact absorbing liner to dry in the shade. Do not dry the impact absorbing liner in the sunlight or use any type of mechanical dryer, as the impact absorbing liner is extremely sensitive to heat. If the impact absorbing liner is exposed to high heat of any kind, contact your dealer or SHOEI directly for a safety evaluation. To prevent damage, **do not use any of the following cleaning materials: hot water over 40°C; salt water; any acidic or alkali detergent; benzene, thinner, gasoline, or other organic solvents; glass cleaner; or any cleaner containing organic solvents.**

E.Q.R.S. (Emergency Quick Release System)

E.Q.R.S. (Emergency Quick Release System) is a mechanism for emergency personnel to remove the cheek pads. To remove a cheek pad in an emergency, cut or undo a chinstrap first. While holding the helmet firmly so that the rider's head may not move, take emergency tab (Drawing 1) and pull it to a direction indicated in the drawing 2. (If the chin curtain is installed, it must be removed before using the emergency tab.) Pulling the emergency tab will release snaps and allow a cheek pad to be pulled out through the bottom of the helmet while it is still on the rider's head. Repeat the same procedure to remove the other side. Be sure to hold the helmet firmly and pay full attention not to move the rider's head while removing the cheek pads.



⚠ Warnings

1. **Make sure to hold the helmet firmly by your hand when pulling out cheek pads.**
2. **Never pull the emergency tab while riding.**
3. **Use genuine SHOEI cheek pads only and never use non-SHOEI parts.**
4. **If a chin curtain is installed in the helmet, remove the chin curtain before handling the emergency tab.**
5. **Do not use Emergency Quick Release System when removing a cheek pad for maintenance.**

WARNING

1. Before use, check that the shield / visor hooks and gear are fit firmly.
2. Be sure to always wear the center pad, cheek pads, and chinstrap covers when using the helmet.
3. When cleaning and caring for the helmet and shield / visor, **do not use any of the following cleaning materials: hot water over 40°C; salt water; any acidic or alkali detergent; benzene, thinner, gasoline, or other organic solvents; glass cleaner; or any cleaner containing organic solvents.** If any of these cleaners are used, the helmet's chemical nature may be altered and safety may be hindered.
4. If insects become stuck to the helmet during riding and are left in place, the helmet surface may be corroded. They should be removed promptly.
5. Be sure to use SHOEI genuine parts when replacing the outer shield / visor, sun shield / visor, or inner parts.

Parts List

These optional parts are available for repair or replacement. To replace the parts, read the instruction manual that comes packed with the parts.

- CNS-1 Shield / Visor
- CNS-1 Shield / Visor Base Plates (right and left)
- CNS-1 Shield / Visor Screws
- CNS-1 Shield / Visor Base Plate & Screw Set
- PINLOCK® fog-free lens for CW-1 / CNS-1
- QSV-1 Sun Shield / Visor
- Upper Air Intake
- Top Air Outlet
- Center Pad
- Cheek Pads (right and left)
- Chinstrap Covers (right and left)
- Ear Pads (right and left)
- Breath Guard
- Chin Curtain