



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.

NEOTECH II

Read This First	2
Confirm the Packed Items	3
Parts Description	4
Ventilation System	5
Opening and Closing the Face Cover	6
Chin Curtain	7
Breath Guard	8
Ear Pads	8
CNS-3 Shield/Visor	9
Important Notice about Handling the CNS-3 Shield/Visor	11
Applying Silicone Oil	12
Service Tool	12
QSV-1 Sun Visor	13
Important Notice about Handling the QSV-1 Sun Visor	14
PINLOCK® EVO lens	15
Replacing Interior Parts	16
Removing and Installing Interior Parts	17
Important Notice about Handling Interior Parts	21
When Installing the Intercom	22
Parts List	24

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 is packed with your helmet.

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

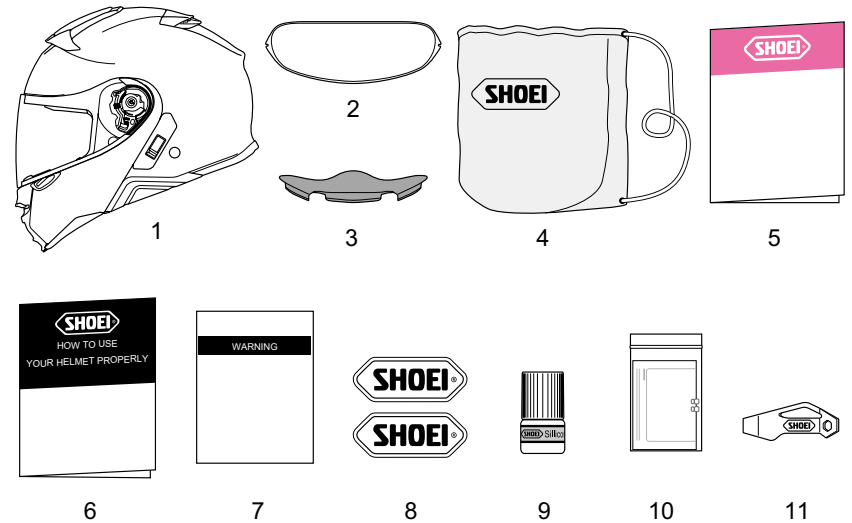
The illustrations in this manual may differ from the actual product.

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Confirm the Packed Items

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

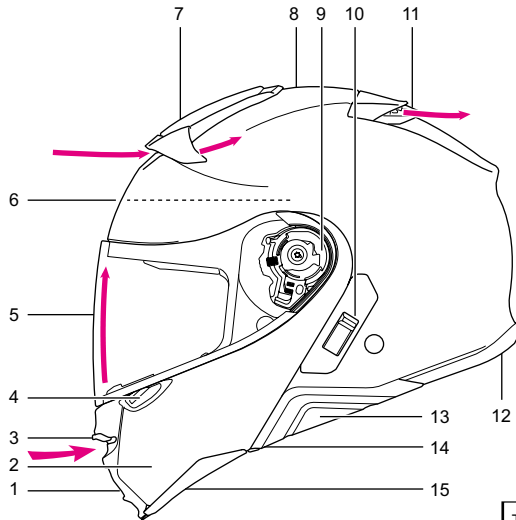
1. Helmet
2. PINLOCK® EVO lens
3. Breath Guard
4. Helmet Bag
5. Instruction Manual
6. "How to use your helmet properly"
7. Warning Label (E-3 tag: for ECE R22 Products)
8. SHOEI logo stickers (2)
9. Silicon Oil
10. PINLOCK® Pin
11. Service Tool



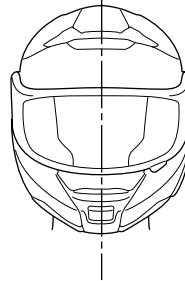
We recommend that you save the box and its cushioning material in case you need to ship the product or its parts for repair. If you dispose of these materials, please follow the proper laws and regulations.

Parts Description

1. Face Cover Button
2. Face Cover
3. Lower Air Intake
4. Shield/Visor Tab
5. CNS-3 Shield/Visor
6. Impact Absorbing Liner
7. Upper Air Intake
8. Shell
9. Shield/Visor Base
10. Sun Visor Lever
11. Top Air Outlet
12. Battery Space Cover
13. Intercom Base Cover
14. Chinstrap
15. Chin Curtain

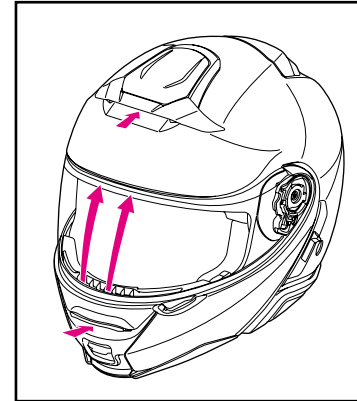


Right Left

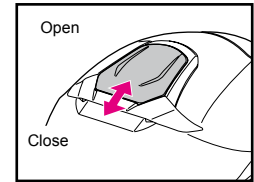


The terms "right" and "left" in this manual are from the point of view of a rider who is wearing the helmet.

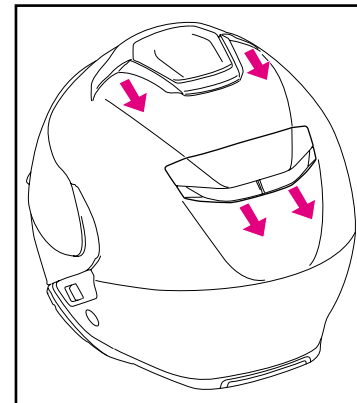
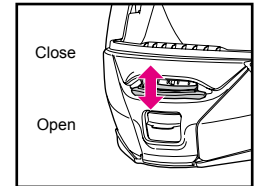
Ventilation System



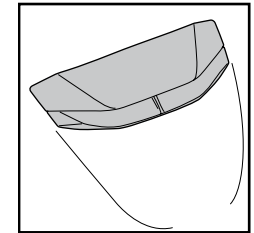
Upper Air Intake



Lower Air Intake

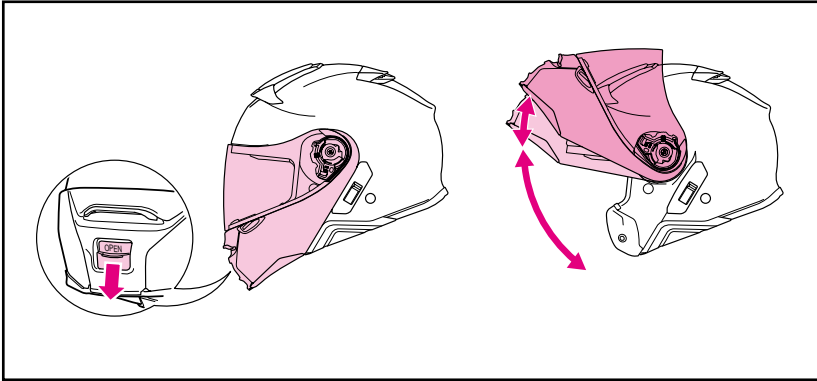


Top Air Outlet



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

Opening and Closing the Face Cover



The face cover can be opened and closed with a single touch. To open the face cover, pull down the button in the bottom center of the face cover and release the lock. Lift and rotate the face cover until you hear a click when the first stopper engages. The face cover can be secured in opened position by continuing to rotate the face cover until it clicks in the second stopper.

To close the face cover, gently rotate it downward until you hear a click when the face cover lock engages.

WARNING

- In order to maximize the head protection performance, riding your motorcycle with the face cover in fully closed position is strongly recommended.
- Do not remove the face cover from the helmet. In case of need to adjust the face cover or the shield/visor, consult your local SHOEI dealer nearby.
- Do not hold the button while closing the face cover. This can cause the face cover lock to fail to engage. A face cover that is not locked may open unexpectedly during riding and lead to an accident. After closing the face cover, be sure to check that it is locked.
- When carrying the helmet, be sure to close the face cover and check that it is locked. Carrying the helmet with the face cover unlocked can cause sudden opening of the face cover and the helmet may be dropped or become damaged.
- Do not open or close the face cover by grasping the chin curtain. The chin curtain may come off.

Chin Curtain

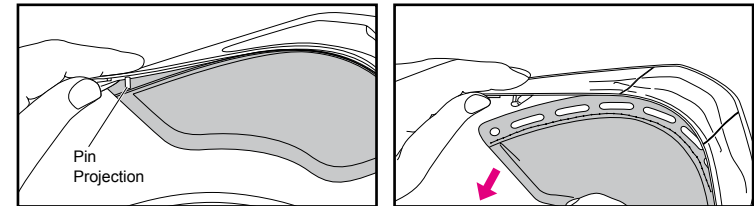
The chin curtain reduces the influx of air turbulence and wind noise into the helmet's chin area. The chin curtain can be removed by using the following procedure.

Removing the Chin Curtain

The chin curtain is pressed against the plate at the bottom edge of the face cover and fastened by 2 pins. Refer to the drawing. Lift up the face cover plate near its right and left pins, and remove the pins that pass through the chin curtain plate. Pull out the chin curtain. Remove the chin curtain on both the right and left sides.

Installing the Chin Curtain

As shown in the drawing, lift up the face cover plate (at the bottom edge of the face cover) and insert the chin curtain plate in the space created. There are pins on the interior side of the face cover plate. Insert them through the holes of the chin curtain plate. Attach the chin curtain on both the right and left sides.



WARNING

- With the chin curtain is installed, the sound from nearby vehicles will be reduced. Please be aware of this while riding.
- Do not pull the chin curtain with the pins in place. If you do, the chin curtain or face cover plate may become damaged.
- Do not carry or hold the helmet by the chin curtain. The chin curtain may come off, and the helmet may drop.

Breath Guard

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

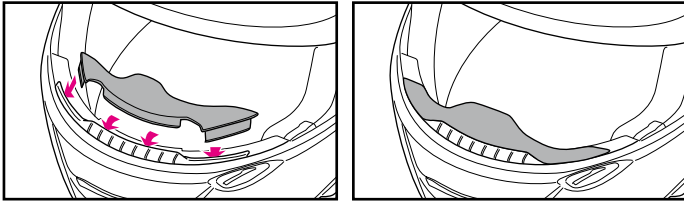
To install the breath guard, use the following procedure.

Installing the Breath Guard

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

Removing the Breath Guard

Pull the breath guard from the space between the shell 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.

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 and Installing Inner Parts" section.

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

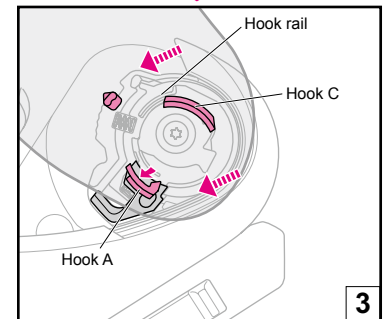
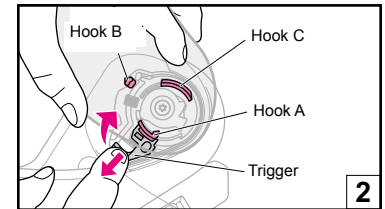
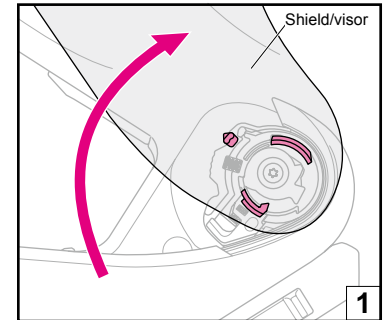
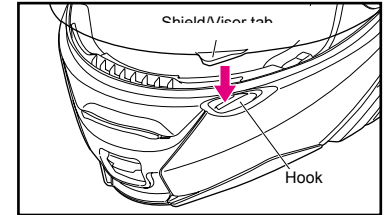
CNS-3 Shield/Visor

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

If you pull the CNS-3 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-3 Shield/Visor

1. Open CNS-3 shield/visor to the fully opened position (Drawing 1).
2. While pulling the trigger down, lift and turn the shield/visor upward by holding the bottom edge to release hook A (Drawing 2). When hook A is released, hook B is also released at the same time.
3. Pull the shield/visor to the direction shown in Drawing 3 and release hook C.
4. Follow the same procedure to remove the other side.

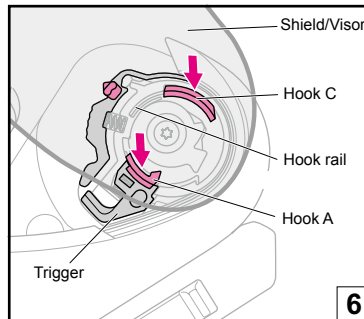
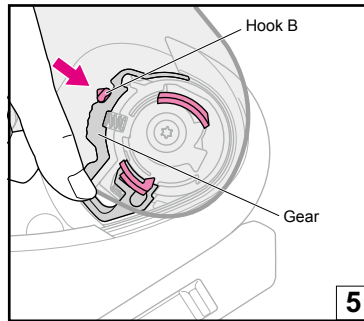
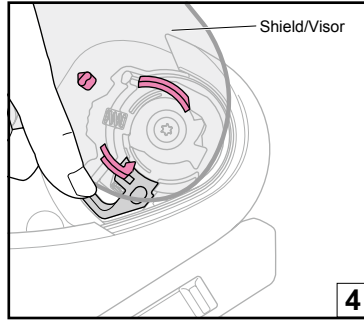


Installing the CNS-3 Shield/Visor

1. Adjust the shield/visor to fully opened position (Drawing 4) and insert hook B into the gear (Drawing 5).
2. Press hook A and C as per Drawing 6 to fix hooks 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-3 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-3 Shield/Visor

- Dirt and scratches on the shield/visor may obstruct your view while riding and can be very dangerous! If the CNS-3 shield/visor gets dirty or scratched, stop using it immediately. Remove the shield/visor and clean or replace it.
- The CNS-3 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.
- Do not ride with a shield/visor that is fogged. This may obstruct your view and can be very dangerous. If the CNS-3 shield/visor is fogged, open the lower air intake to circulate air within the helmet and remove the fog from the shield/visor.
- Remove the protective film before using the shield/visor for the first time.
- Do not place any sticker or tape in the shield's/visor's field of vision.

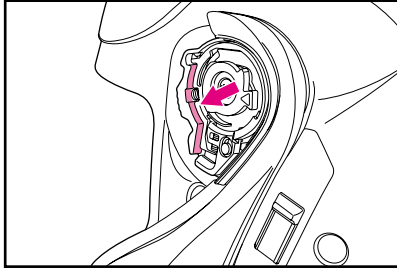
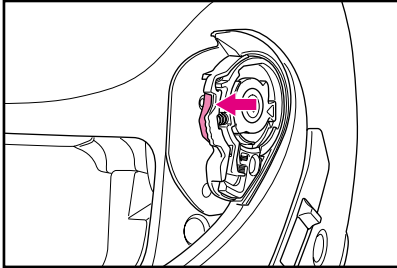
WARNING

CNS-3 tinted shield/visor is not for sale or use in USA. If tinted shield/visor and sun visor are used together in USA, requirement of light transmission ratio specified in VESC-8* is not satisfied. Don't use tinted shield/visor to your helmet in a manner not satisfying VESC-8*. Otherwise, your vision restricted by tinted shield/visor may cause an accident and serious injury or death.

VESC-8: Vehicle Equipment Safety Commission regulation No. 8 for motorcyclist eye protection
This standard is widely referenced and applied by the 36 states in USA with motorcyclist eye protection use law.

Applying Silicone Oil

Applying the enclosed silicone oil to lubricate the helmet's moving parts, such as the face cover and shield/visor pivot points. 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. Check for adequate lubrication regularly.



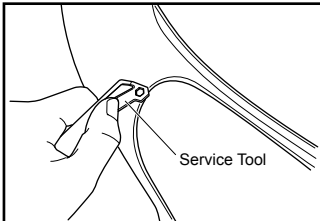
English

Service Tool

Service tool is the tool to be used in following cases.

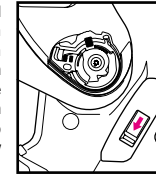
- Removing sun visor
(Refer to "Removing the QSV-1 Sun Visor.")
- Removing intercom base cover
(Refer to "When Installing the Intercom.")
- Adjusting PINLOCK® EVO lens
(Refer to the Drawing.)

When adjusting PINLOCK® EVO lens, read the instruction manual that comes packed with it.



QSV-1 Sun Visor

The QSV-1 sun visor can be opened and closed by sliding the sun visor lever on the left side of the shell. To open the sun visor, pull the lever down until it stops in the position shown in the drawing. If the sun 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.



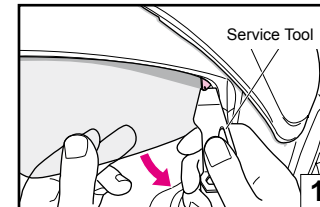
Removing the QSV-1 Sun Visor

1. Open the face cover. See "Opening and Closing the Face Cover."
2. Lower the QSV-1 sun visor.
3. Hold the sun visor and use service tool to widen the space between the sun visor holder and the sun visor as per Drawing 1. Detach the sun visor by rotating it in the direction shown by the arrow.
4. Follow the same procedure for the other side.

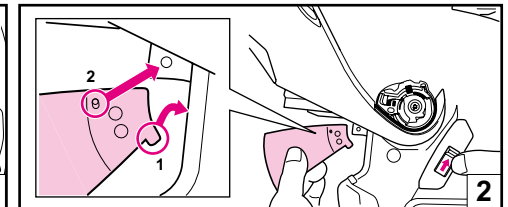
Installing the QSV-1 Sun Visor

1. Slide the sun visor lever to the position shown in the drawing 2 and hold it not to move the holder.
2. As shown in Drawing 2, insert the convex part 1 at the bottom edge of the QSV-1 sun visor into the holder. While rotating the sun visor upward, press the rounded part 2 of the sun visor into the holder until you hear it clicks.
3. Follow the same procedure for the other side.
4. Remove any fingerprints on the sun visor by wiping with a soft, dry cloth.

Removing the QSV-1 Sun Visor




Installing the QSV-1 Sun Visor

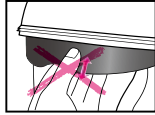


WARNING

If the sun visor is not installed properly, it may drop unexpectedly during riding and obstruct the rider's vision. After installing the QSV-1 sun visor, raise and lower the visor several times to confirm that the protruding section of the sun visor is fit securely in the holder's opening. Confirm that there is no space between the sun visor and the holder.

Important Notice about Handling the QSV-1 Sun Visor

-  Only raise or lower the sun visor by using the lever. Never raise or lower the sun visor directly with your hands. This may damage the sun visor's raising and lowering mechanism.
- The QSV-1 sun visor is designed to provide shade only and cannot function as a shield. Do not ride with the shield open and using only the sun visor.
- Do not use the sun visor together with sunglasses, as this will dangerously darken your view!
- Raise the sun visor while riding at night, through a tunnel, or any other low-light condition.
- Dirt and scratches on the sun visor may obstruct your view while riding and can be very dangerous! If the QSV-1 sun visor gets dirty or scratched, stop using it immediately. Remove the sun visor and clean or replace it.
- The QSV-1 sun 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 sun visor's chemical nature may be altered and safety may be hindered.
- The QSV-1 sun visor has undergone anti-fogging treatment, but may develop fog in low temperatures or high humidity. In this case, open the lower air intake to circulate air or raise the sun visor.
- Under certain storage conditions, humidity may cause the outer surface of the sun visor to become white. If this happens, take a soft, dry cloth like one for cleaning eyeglasses and wipe the sun visor to restore it to its original condition.
- Do not attach any stickers or tape on the QSV-1 sun visor. They may obstruct your view.
- If the sun visor is not installed properly, it may drop unexpectedly during riding and obstruct the rider's vision. After installing the QSV-1 sun visor, raise and lower the sun visor several times to confirm that the protruding section of the sun visor is fit securely in the holder's opening. Confirm that there is no space between the sun visor and the holder.



PINLOCK® EVO lens

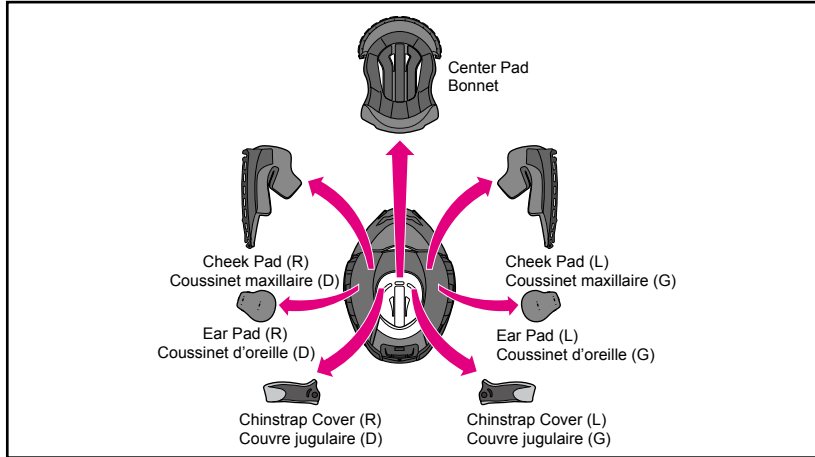
If you are using the PINLOCK® EVO lens, read the instruction manual that comes packed with it.



- Daytime use only. Never use PINLOCK® EVO lens at night. If the PINLOCK® EVO 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%), or Europe (ECE R22, 80%), so this accessory is for "daytime use only" in these jurisdictions.
- The PINLOCK® EVO lens is made of a material that is easier to scratch than the outer shield/visor. It should be treated with great care.
- The PINLOCK® EVO lens may obstruct the rider's view in some riding positions.
- Remove the protective film before using the PINLOCK® EVO lens.
- The PINLOCK® EVO 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.
- Purchase DKS301 for CNS-3 for replacement of PINLOCK® EVO lens.

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

Replacing Interior Parts



Center pad, right and left cheek pads, right and left chinstrap covers, and right and left 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.

- 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 varies by model size. Confirm the size of your helmet prior to making a purchase.

		XS	S	M	L	XL	XXL
Center Pad	Optional (firm fit)	XS13	S13	M13	L13	XL13	XL9
	Standard	XS9	S9	M9	L9	XL9	XL5
	Optional (loose fit)	XS5	S5	M5	L5	XL5	N/A
Cheek Pad	Optional (firm fit)	39	39	39	39	39	35
	Standard	35	35	35	35	35	31
	Optional (loose fit)	31	31	31	31	31	N/A

Removing and Installing Interior Parts

Use the following procedures to remove or install the interior parts. Open the face cover completely when removing or installing the interior parts.

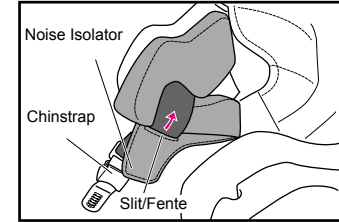
Removing Interior Parts

1. Removing the Cheek Pads

Draw the chinstrap from slit of noise isolator. Then unfasten the 3 snaps to remove the pad from the cheek pad base (Drawing 1), and pull the notch (a) from the cheek pad bracket (A) (Drawing 2). Next, pull the notch (b) from the cheek pad bracket (B) as per 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

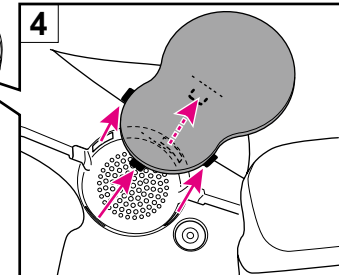
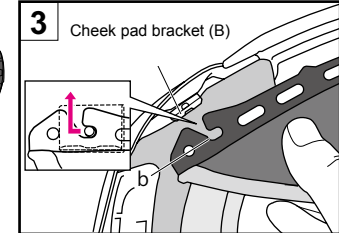
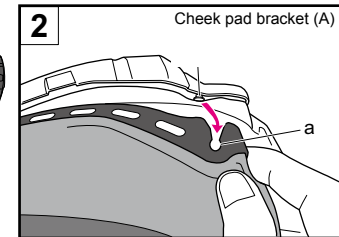
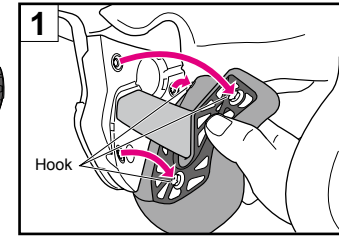
Unfasten the 4 clasps on the plate from the cheek base, as shown in the drawing. Remove the ear pad. Remove the other ear pad in the same manner.



Front



Rear

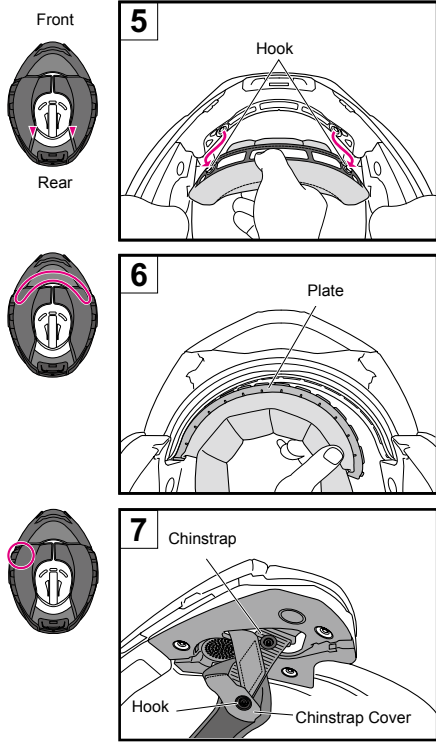


3. Removing the Center Pad

Remove the center pad by unsnapping 2 snaps at the rear of the helmet first (Drawing 5), and pull the front portion of the center pad from the holding plate as per Drawing 6.

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

The chinstrap covers have different shapes on the right and left sides of the helmet. Referring to the drawing, identify the right and left sides. Pass the chinstrap through the cover and fasten the snap until it clicks in place.

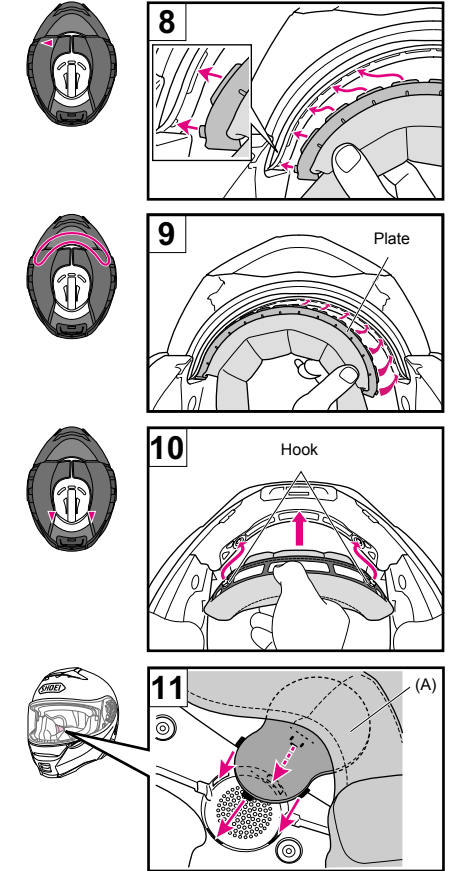


2. Installing the Center Pad

Adjust the side of the front plate to bracket (Drawing 8), and slide and insert the plate into a gap of bracket (Drawing 9).

3. Installing the Ear Pads

The ear pads are interchangeable for right and left sides. Place ear pad section (A) between the center pad and the impact absorbing liner as per Drawing 11. Insert the 4 clasps on the plate in the notches of the cheek base. Fix the ear pad in place. Install the other ear pad in the same manner.



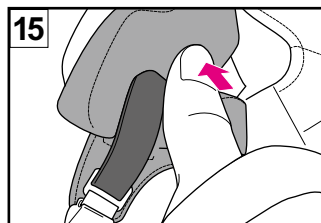
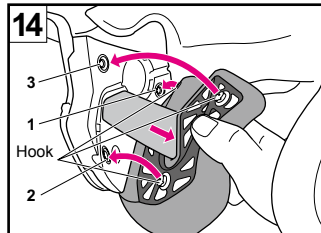
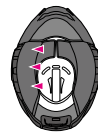
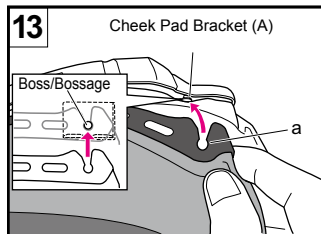
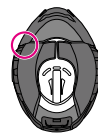
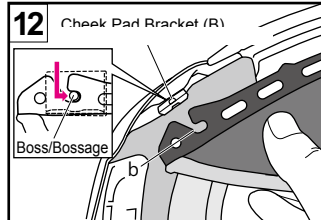
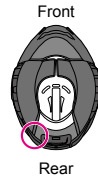
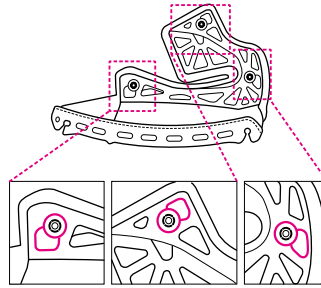
4. Installing the Cheek Pads

Before installing the cheek pads, make sure that the 3 hooks are positioned properly shown in the drawing. They may not be hooked if they are not positioned properly.

Identify a right and a left pad.

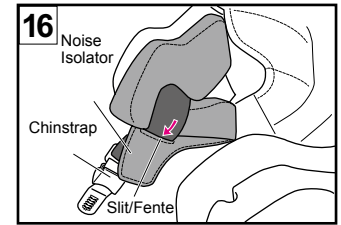
Insert the notch (b) into a boss of a cheek pad bracket (B) at the rear of the helmet (Drawing 12) and slide it toward the back of the helmet. Then, do forward and insert the notch (a) into a boss of a cheek pad bracket (A) as per Drawing 13. Be sure to slide the plate toward the back of the helmet when you insert the rear section (Drawing 12), otherwise the notch (a) may not fit to the boss.

After the plates are inserted, pass the chinstrap through the hollow section of the cheek pad (Drawing 14). 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. Press the corner of the pad as shown in the Drawing 15 and fit the cheek pad plate securely into the boss of the cheek pad base. Lastly, insert the chinstrap into the slit of noise isolator as per Drawing 16. Install the other cheek pad in the same manner.



Important Notice about Handling Interior Parts

- When attaching or detaching a hook, you should hold it near the hooked area and treat it carefully. Insert the hook firmly until you hear it click.
- 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, then remove them 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, 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.



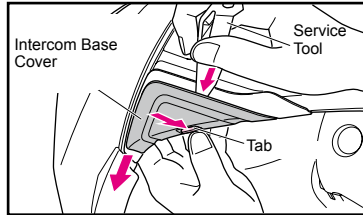
When Installing the Intercom

When installing the intercom, remove the intercom base covers. As to the battery, place it into the battery space at the rear bottom of the helmet.

For installing and removing the intercom, please refer to the instruction manual of the intercom you use.

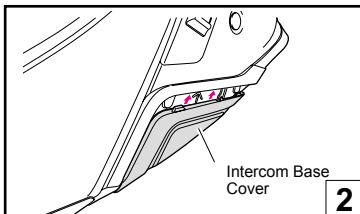
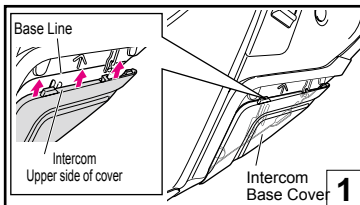
Removing Intercom Base Cover

Insert the service tool in the gap between the intercom base and the cover with pushing the tab and slide the cover down along the side line of the face cover in the direction of the arrow shown. Sliding the cover directly below may damage the base.



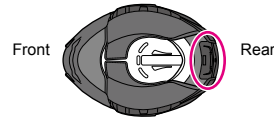
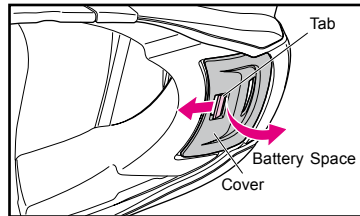
Installing the Intercom Base Cover

1. Align the upper side of the cover with the base line on the base (Drawing 1).
2. Slide the cover up onto the base in the direction of the arrow shown (Drawing 2).



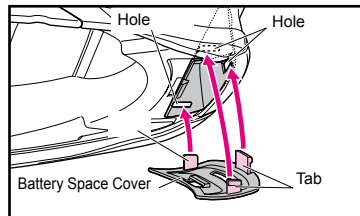
Removing the Battery Space Cover

Lift up the battery space cover pushing the tab in the direction of the arrow in the drawing. After removing the cover, remove the cushioning material from the space.



Installing the Battery Space Cover

Insert the hooks (3 points) of the battery space cover into the fixed holes of the battery housing until they click into position.



WARNING

- When the intercom is not installed to the helmet, be sure to use the helmet with the intercom base covers and the battery space cover equipped.
- Be sure to use SHOEI recommended intercom exclusively designed for NEOTEC II. For information about SHOEI recommended intercoms, please refer to SHOEI official website.
- For information about handling the intercom, please refer to the instruction manual of the intercom you use.

WARNING

- Before use, check that the shield/visor hooks and gears are fit firmly.
- Be sure to always wear the center pad, cheek pads, and chinstrap covers when using the helmet.
- 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.
- 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.
- Be sure to use SHOEI genuine parts when replacing the shield/visor, sun 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-3 Shield/Visor
- QSV-1 Sun Visor
- PINLOCK® EVO lens (DKS301)
- Chin Curtain
- Breath Guard
- Face Cover
- Face Cover Screws (2)
- Face Cover Washers, right and left
- Upper Air Intake
- Top Air Outlet
- Center Pad
- Cheek Pads (right and left)
- Chinstrap Covers (right and left)
- Ear Pads (right and left)