

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-2 Shield / Visor
- CNS-2 Shield / Visor Base Plate (right and left)
- CNS-2 Shield / Visor Base Plate & Screws Set
- Q.R.S.A. screw
- PINLOCK® EVO lens for CNS-2
- V-460 Visor / Peak
- V-460 Visor / Peak screw
- V-460 Visor / Peak Top Base
- V-460 Visor / Peak Side Base (right and left)
- V-460 Visor / Peak Cover
- V-460 Visor / Peak Vent
- X-Spirit / ELEVEN Front Air Intake
- HORNET ADV / X2 Top Air Outlet
- TYPE-H Center Pad
- TYPE-H Cheek Pad (right and left)
- Chinstrap Covers (right and left)
- Ear Pad C (right and left)
- Breath Guard H
- Chin Curtain D



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

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.

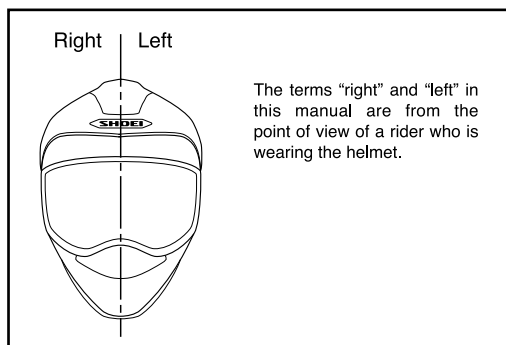
No helmet can protect the wearer against all foreseeable high speed and low speed impacts.

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.

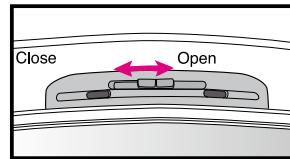
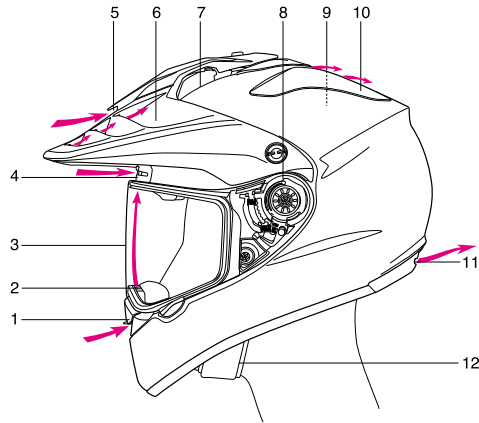
1. Helmet
2. PINLOCK® EVO lens
3. Breath Guard
4. Chin Curtain
5. Helmet Bag
6. Instruction Manual
7. "How to use your helmet properly"
8. Warning label (E-3 tag: for ECE R22 Products)
9. SHOEI logo stickers (2)
10. Silicone Oil



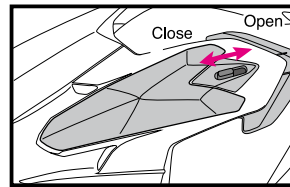
We recommend that you save the box and its cushioning material in case you need to ship the product or its parts for repair. If you dispose of these materials, please follow the proper laws and regulations.

Parts Description

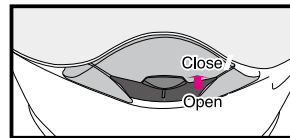
1. Lower Air Intake
2. Defogger Ventilation System
3. CNS-2 Shield / Visor
4. Front Air Intake
5. V-460 Visor / Peak Vent
6. V-460 Visor / Peak
7. Shell
8. Shield / Visor Base
9. Impact Absorbing Liner
10. Top Air Outlet
11. Neck Outlet
12. Chinstrap



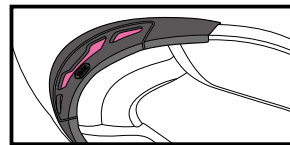
Front Air Intake



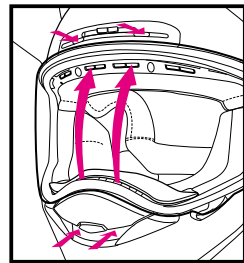
V-460 Visor / Peak Vent



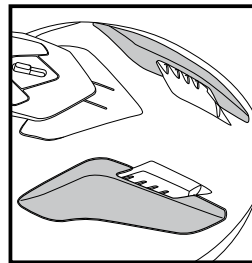
Lower Air Intake



Neck Outlet



Defogger Ventilation System



Top Air Outlet

! 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.

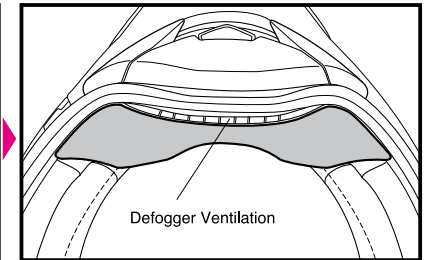
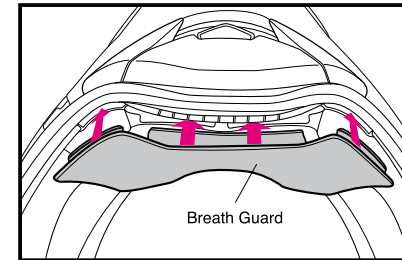
To install the breath guard, use the following procedure.

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

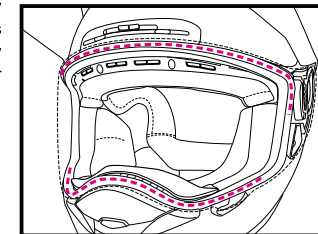
Pull the breath guard from the space between the defogger ventilation and the impact absorbing liner.



! 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

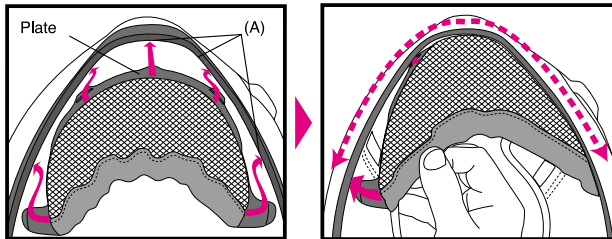
The chin curtain reduces the influx of air turbulence and wind noise into the helmet's chin area. The chin curtain can be removed by using the following procedure.

Installing the Chin Curtain

To fix the chin curtain, adjust a center of plate to a center of helmet's front end and insert it in a gap (A) between shell and liner, and then, insert plates of both sides.

Removing the Chin Curtain

To remove, pull out plate of a center portion of the chin curtain, and then, pull out plate of both sides.



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, refer to 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.

V-460 Visor / Peak

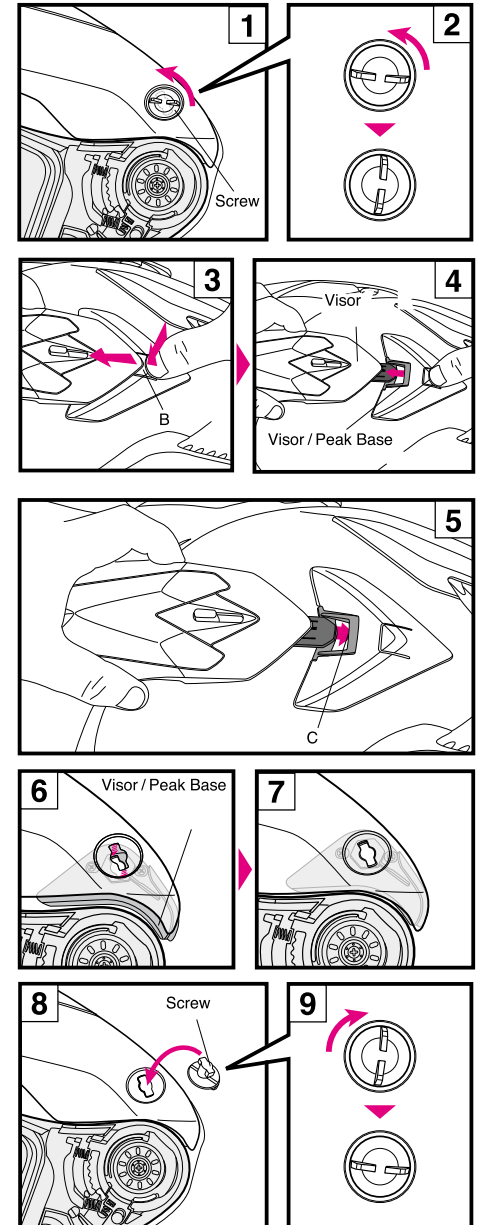
Close a shield before removing / fitting the visor / peak.

1. Removing V-460 Visor / Peak

Remove both screws by rotating 90 degrees to the left (Drawing 1 and 2). Pushing a part B of the visor / peak base (Drawing 3), slide the visor / peak forward to pull out from the visor / peak base (Drawing 4).

2. Fitting V-460 Visor / Peak

Insert the plate of the visor/peak into a gap C of the visor/peak base until it clicks (Drawing 5). Adjust the holes on both sides of the visor/peak to the holes of both visor/peak bases (Drawing 6 and 7), and insert screws and rotate 90 degrees to the right (Drawing 8 and 9).



CNS-2 Shield / Visor

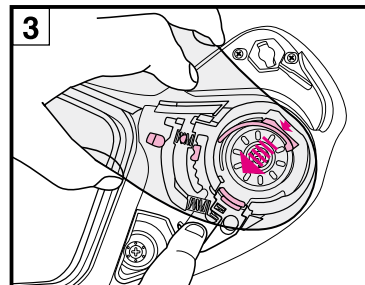
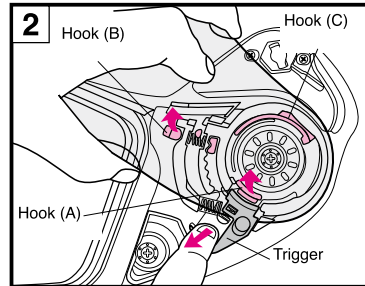
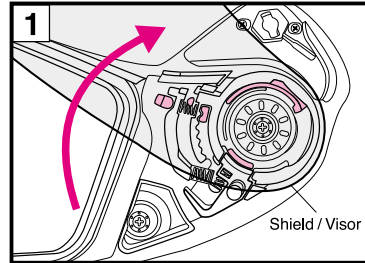
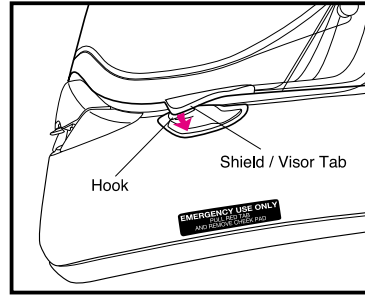
! Before using the shield / visor for the first time after purchase, remove the protective film from the shield / visor.

If you pull the CNS-2 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.

Remove the visor/peak before removing/fitting CNS-2 shield.

Removing the CNS-2 Shield / Visor

1. Move the CNS-2 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 and 3.
3. Follow the same procedure to remove the other side.

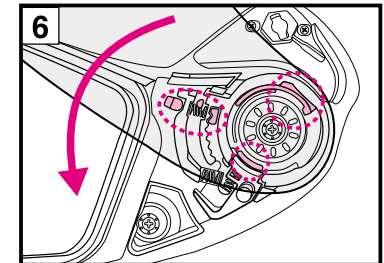
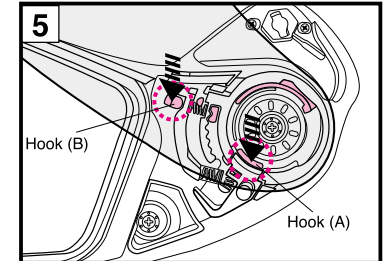
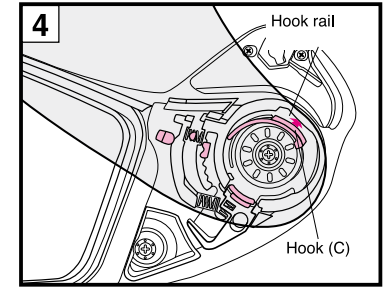


Installing the CNS-2 Shield / Visor

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.

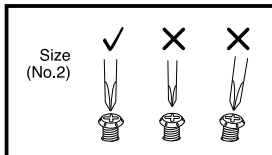
! WARNING

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-2 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-2 Shield/Visor

1. Dirt and scratches on the shield/visor may obstruct your view while riding and can be very dangerous! If the CNS-2 shield/visor gets dirty or scratched, stop using it immediately. Remove the shield/visor and clean or replace it.
2. The CNS-2 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-2 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® EVO lens is also effective in stopping fog.
4. Always use SHOEI's genuine PINLOCK® EVO lens for CNS-2. For fitting PINLOCK® EVO 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.



PINLOCK® EVO lens

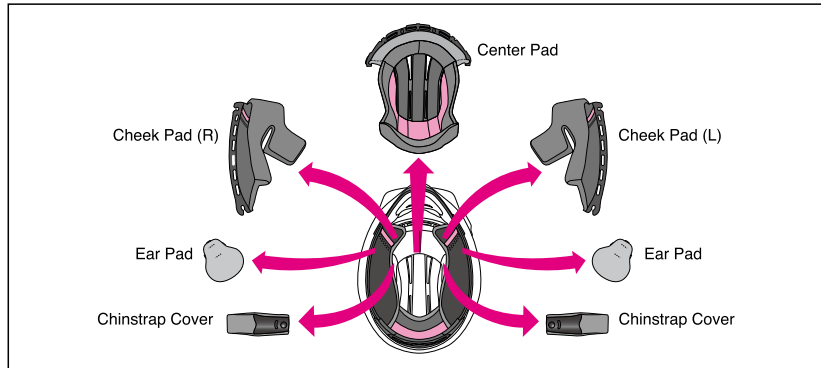
If you are using the PINLOCK® EVO lens, read the instruction manual that comes packed with it.



1. 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%), Australia (AS1609, 85%), or Europe (ECE R22, 80%), so this accessory is for "daytime use only" in these jurisdictions.
2. 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.
3. Remove the protective film before using the PINLOCK® EVO lens.
4. 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.
5. Purchase DKS302 for replacement of PINLOCK® EVO lens.

*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.

■ Pad Sizes

		(OP)	XS	S	M	L	XL	XXL
TYPE-H Center Pad	Optional (firm fit)	—	S17	S13	M13	L13	XL13	XL9
	Standard	S17	S13	S9	M9	L9	XL9	XL5
	Optional (loose fit)	S13	S9	S5	M5	L5	XL5	—
TYPE-H Cheek Pad	Optional (firm fit)	—	43			39		35
	Standard	43	39			35		31
	Optional (loose fit)	39	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.

* Model name and specification vary depending upon country or area.

Removing Interior Parts

1. Removing the Cheek Pads

When the chin curtain is installed, remove it first. Unfasten the 3 snaps (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 4 clasps on the plate from the cheek pad base (Drawing 4). Remove the ear pad. Remove the other ear pad in the same manner.

