



**Kabuto**

*Japan*

**FFV**



## **Instruction Manual**

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**Manuel d'utilisation / Gebrauchsanweisung  
Manuale d'istruzioni Indice / Manual de instrucciones  
Handleiding / Bruksanvisning  
Instrukcja obsługi / Instruktionsmanual  
Εγχειρίδιο χρήσης / Manual de instruções  
Käyttöopas / 取扱説明書**



## **Instruction Manual**

### **BEFORE USE**

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**PRIOR TO USE, READ THIS INSTRUCTION  
MANUAL THOROUGHLY AND KEEP THIS  
FOR FUTURE REFERENCE**

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## NOTES BEFORE USE

Thank you very much for purchasing a KABUTO helmet.

This Instruction Manual describes proper handling, various functions and remove/replace each part of this helmet. Please read this Instruction Manual thoroughly prior to use.

After reading this, keep this Manual for future reference.

The helmet is just one element of protection, it is intended to minimize the risk in the event of an accident. It cannot ensure complete safety.

Use this helmet properly based on this understanding.

Please understand and follow the instructions and information in this Instruction Manual to enjoy your safe ride.



### **Select the proper size!**

It is very dangerous to wear a too large sized helmet. This may wobble while riding. If you wear a too small size helmet, it tightens up and hurts your head. Thus, it is important to select the proper size.



### **Fasten the chinstraps before riding**

The helmet is designed to be retained by straps under the chin. In order to assure proper protection, the helmet should fit your head. When worn, adjust it to rest properly on the head, securely fasten the chinstraps to ensure safety. The chinstraps prevent the helmet from coming off in most cases.



### **Never use the helmet once impacted**

Liners are essential for the intended performance of the helmet.

This helmet has been designed to absorb the impact energy when components as shell and liners are partially destroyed by an impact.

Even if visually no damage is apparent, it could be seriously damaged by a small impact.

Regardless of the degree of damage, the helmet that underwent an impact or was abused even only once should not be used anymore.

Always handle the helmet with care and make sure that no one sits on it or drops it.



### **Never modify the helmet**

In order to fully maintain the performance of this helmet, do not attempt to take apart or change the helmet in any manner such as making holes in it or cutting it.



### **Helmet care and cleaning**

Clean the helmet with soft cloth, using common ph-neutral detergent diluted with clear water. The cloth should not be soaking wet. Then wipe the helmet gently with a clean wet soft cloth and leave it to dry completely, but not in direct sunlight.

With regard to helmets with removable interiors, carefully read the instruction manual for that model before attempting to remove the interiors and carry out cleaning according to the explanation provided. To clean the helmet do not use saline water or hot water (above 50°C).

 **Do not paint or apply solvent**

Any paint, glue, adhesive stickers, etc. (or the use of detergents and solvents other than those prescribed) may not only reduce the original protective performance of the helmet considerably, but may also cause damage to the helmet that cannot be detected by the naked eye.

 **Handle your helmet with care**

Do not toss your helmet over a floor or sit on it. The helmet absorbs an impact every time it is handled roughly and its impact-absorbing capacity will be decreased. Handle your helmet with care to assure its full intended function in the event of an accident.

Do not use your helmet for any purpose other than to use for protecting your head while riding.

 **The storage of the helmet**

After using the helmet, stow it away in the helmet bag and store on a level place such as a shelf; the helmet may be damaged if it rolls around or falls down.

Do not leave the helmet in direct heat above 50°C e.g. next to a heater or under direct sunlight in a car.

 **Shield care and cleaning**

After using your helmet, with a wet soft cloth, lightly wipe off any grime (e.g. dead insects, dirt, sand, dust, etc.) on the shield and then fully wipe it clean using a dry soft cloth. When the shield gets wet (e.g. rainwater), it should always be wiped with a soft cloth after use.

When cleaning the shield, never use any petroleum-based solvents or detergents containing abrasives.

Contact with petroleum products and other solvents may impair the optical properties and reduce the mechanical strength.

To clean the shield, apply some common ph-neutral detergent diluted with clear water using a soft cloth and wipe gently. Finally, wipe it dry with a lint-free soft cloth. To clean the shield, do not use saline water or hot water (above 50°C).

 **Cautions for shield**

If the visor is marked "Day Time Use Only", visibility is limited to daylight conditions and it is not suitable for use at night.

Tinted lenses are not suitable for use at night.

A visor and goggles with scratches lowers the visibility and this is very dangerous. Such visors should never be used at night and should be replaced.

Contact with petroleum products and other solvents may impair the optical properties and weaken the strength of the visor.

Never try to open or close nor remove the visor while riding.

 **Notes for use of full-face helmet**

When you wear a full-face helmet, the temperature in the helmet is maintained nearly constant while riding but the surroundings are constantly changing since you are moving at a high speed. For this reason, in case of sudden rain, entering a tunnel or in a place with a large height difference, the shield can be fogged suddenly because of the difference in temperature in-and-outside the helmet.

In case such a risk is expected, please use caution with adjusting the shield or slowing down your speed in advance.

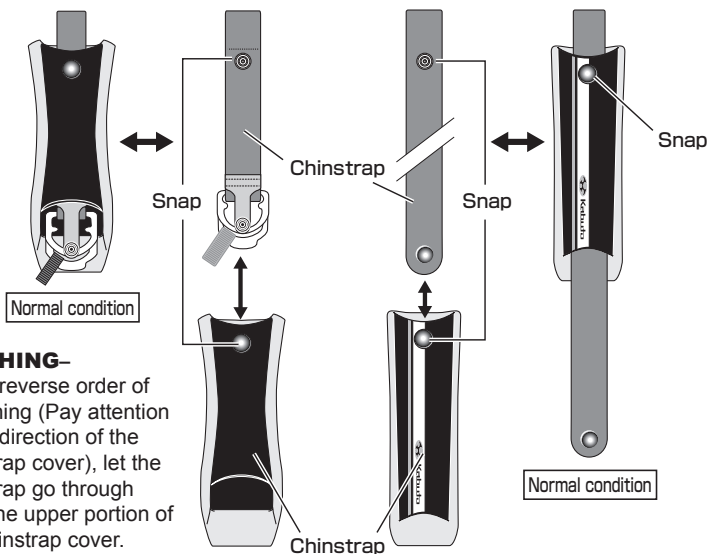
Never open or close the shield nor adjust the ventilation shutter while riding since it is very dangerous. Adjust the shield before riding.

# 1 Remove/Replace Chinstrap covers

When the chinstrap covers of FF-5V helmet become dirty, they may be washed after detaching them from the chinstraps.

## –DETACHING–

- ① Undo the snap at the end of each chinstrap.
- ② Pull the chinstrap cover from the chinstrap to detach it.



## –ATTACHING–

- ① In the reverse order of detaching (Pay attention to the direction of the chinstrap cover), let the chinstrap go through from the upper portion of the chinstrap cover.
- ② Finally, fasten the snap.

## ! CAUTION!

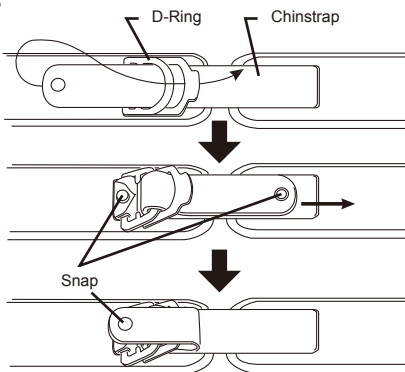
- When washing the chinstrap covers, put them into a washing net or a similar item to prevent fibers from being damaged by a washing machine.
- If fastening the chinstrap cover in the reverse direction, the D ring will be hidden, therefore, pay attention to its direction when attaching it.

### "ECE22-05 approval label"

● This label shows that the product conforms to the test standard ECE22-05, and is issued one sheet per one product with a serial number authorized by the inspection organization thereof. In sales in European areas, it is obliged to display this label by sewing it directly on a chinstrap.

## 2 Fastening Chinstraps

- Let the strap go through the D ring, and pull the strap to the direction of the arrow to fasten it.
- Fasten the snaps to prevent looseness in the chinstrap.



### ⚠ WARNING!

Be sure to fasten the chinstraps securely. Otherwise, in case of falling down or an accident while riding, the helmet may drop off, and may cause serious injuries.

## 3 Open/Close of Chin Ventilation

### To open

Slide the lever to the right, and the shutter is opened to take in air.

### To close

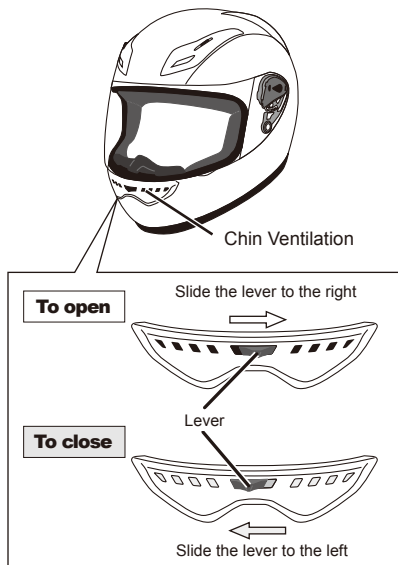
Slide the lever to the left, and the shutter is closed to shut off air intake.

### ⚠ CAUTION

The ventilation is secured with a strong adhesive tape. If you attempt to remove the ventilation by force, a part may be damaged. Do not try to remove the ventilation.

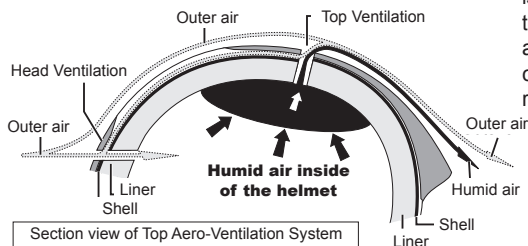
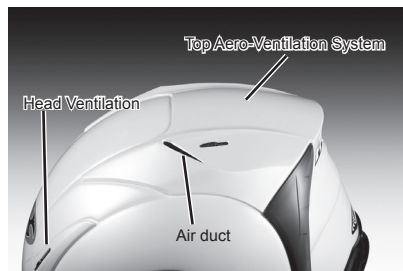
### ⚠ WARNING

Never operate the shutter lever while riding because it is very hazardous. Operate the shutter lever before riding.



## 4 “Top Aero-Ventilation System” and “Wake Stabilizer”<sup>PATENTED</sup>

### Top Aero-Ventilation System



A helmet is pulled backwards due to the air pressure from ahead while riding. However, the Top-Aero-Ventilation System helps resolving such matter. The Top Aero-Ventilation System improves the air-flow effectively, and discharges humid air inside of the helmet to the outside by the “negative pressure”. As a result, the inside of the helmet is comfortable in hot summer and under hard conditions such as racing scenes.

The Top Aero-Ventilation System is equipped with a shutter function to allow adjustments of air intakes as desired to shut off cold air in cold winter and water drops in rainy weather.



Wake Stabilizer (PATENTED)

### Wake Stabilizer

(PATENTED)

The Wake Stabilizer<sup>PATENTED</sup>, KABUTO's unique system, is developed by analyzing the results of wind tunnel experiments at several angles. This unique system controls the airflow around the helmet and reduces loads while riding.

### ⚠ CAUTION

The Top Aero-Ventilation and the Wake Stabilizer<sup>PATENTED</sup> are sophisticatedly designed to achieve light-weight and minimize damage on your head in case of an accident. A strong impact on the Top Aero-Ventilation and the Wake Stabilizer<sup>PATENTED</sup> . may damage them. Handle them with care.



## 5 Ventilation Shutter Function



The Top Aero-Ventilation is equipped with individual shutters in the front, rear, right and left sides, which can open and close in three levels according to situations and preferences of the user.

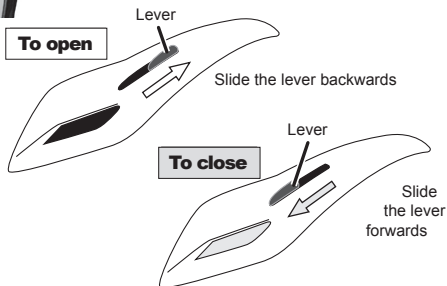
### Open/Close Head Ventilation

#### To open

Slide the lever backwards to introduce air from the outside.

#### To close

Slide the lever forwards to shut off air from the outside.



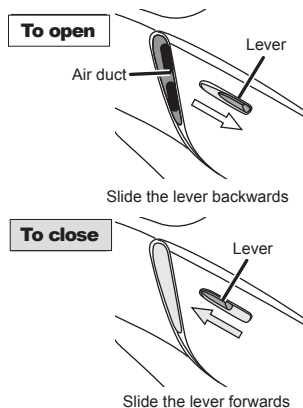
### Open/Close Top Aero-Ventilation

#### To open

Slide the lever of the Top Aero-Ventilation backwards, and the shutter of the air duct is opened to discharge the inside humid air forcibly.

#### To close

Slide the lever of the Top Aero-Ventilation forwards, and the shutter of the air duct is closed to stop forcing out the inside humid air.



### ⚠ CAUTION

The ventilation is secured with a strong adhesive tape. If you attempt to remove the ventilation by force, a part may be damaged. Do not try to remove the ventilation.

Please read the **“WARNING”** and **“Repairing the ventilations”** on the next page.

**⚠ WARNING**

- Operating the shutter while riding is very dangerous. Never operate the shutter while riding. Operate it before riding.
- The air-ducts (air intakes and discharge holes) of the head ventilations and the Top Aero-Ventilation are designed in the proper sizes and quantities considered a large impact in the event of accidents and falling down. Customizing by enlarging or making more air-ducts would reduce the safety performances significantly and can cause serious injuries in case of an accident. Never customize your helmet.

**! Repairing the ventilations**

When each ventilation is damaged, contact your local authorized dealer (See Pages 23 to 25).

Please be informed that we may not accept repairing, in the case the safety performance of the helmet will be degraded.

**6 Single Action Shield System** PATENTED

The "Single Action Shield System PATENTED" is the shield replacement system developed by KABUTO. The system allows quick shield replacement for riding and racing conditions and easy maintenance.

**How to remove the shield:**

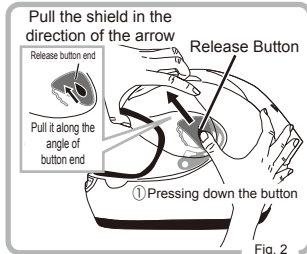
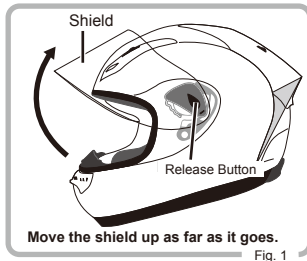
- ① Move the shield up (Fig. 1).  
(Move it up as far as it goes.)
- ② As shown in Fig. 2, pull the shield in the direction of the arrow while pressing down the release button on the shield. One side of the shield is completely removed.

\* The shield can be removed easily by pulling it along the angle of the end of release button.

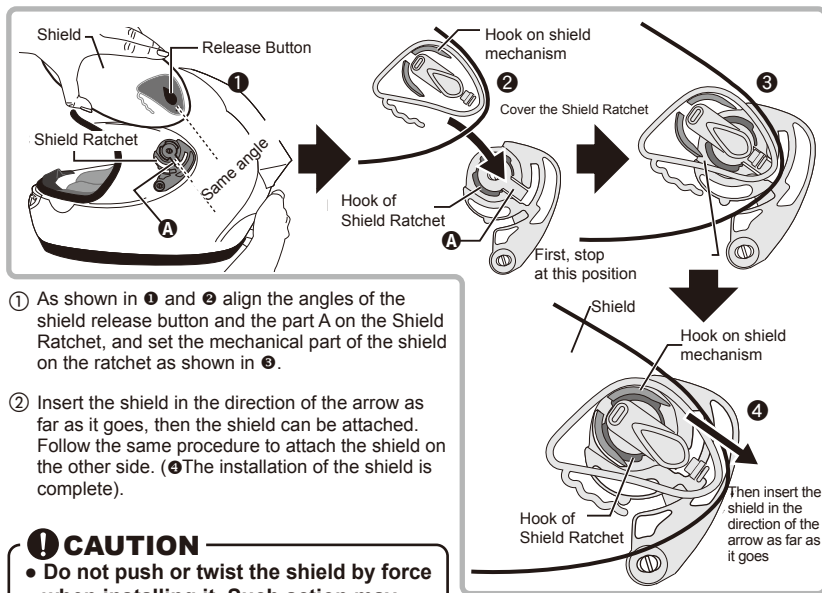
- ③ Repeat the same procedure for removing the other side of the shield. Then the entire shield can be completely removed.

**! CAUTION**

- The shield is so constructed that it cannot be removed unless it is moved up to the highest position.
- Do not pull or twist the shield by force to remove it. Such action may damage the shield and ratchet system.
- Handle the removed shield with care in order not to damage it.



## How to attach the shield:



- As shown in ① and ② align the angles of the shield release button and the part A on the Shield Ratchet, and set the mechanical part of the shield on the ratchet as shown in ③.
- Insert the shield in the direction of the arrow as far as it goes, then the shield can be attached. Follow the same procedure to attach the shield on the other side. (④The installation of the shield is complete).

### ⚠ CAUTION

- Do not push or twist the shield by force when installing it. Such action may damage the shield and ratchet system.
- After the installation of the shield, be sure to pull it lightly towards the removing direction to make sure that it is securely installed.
- After the installation of the shield is completed, open and close the shield three to four times to make sure that the shield works properly.

### ⚠ WARNING

- After the installation of the shield, make sure the shield is securely installed and that it is properly opened and closed before riding. If the shield does not work properly, or is installed insecurely, it may cause a failure in opening and closing the shield or lead to the removal of the shield while riding, thereby causing a great risk. If the opening and closing operations are not properly performed or abnormal noise is heard during these operations, check the steps in the installation procedure and repeat the installation procedure from the start.
- The shield is a consumable item. If the shield surface is damaged by a bug, stone, etc., it may hinder the vision, thereby causing a great risk. If the shield gets extremely dirty or scratched, replace it with a new one.

# 7 Pinlock® Original Insert Lens

**PINLOCK®**  
Original Insert Lens

Pinlock® Original Insert Lens has international patent protection and is a registered brand name of Pinlock systems B.V. Further patents have been applied for.

## Pinlock® Original Insert Lens:

Pinlock® Original Insert Lens prevents the shield from fogging caused by thermal changes in winter or rainy weather etc.

Maintaining the proper space between the shield and the Pinlock® Original Insert Lens provides clear vision by balancing the inner and outer temperature.

## How to Fit the Pinlock® Original Insert Lens:

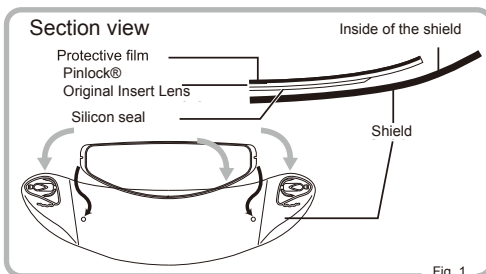


Fig. 1

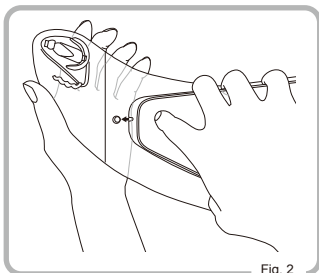


Fig. 2

- ① Apply the silicon seal side of the Pinlock® Original Insert Lens on inside the shield, without peeling off the protective film on the lens. At the time, apply the Pinlock® Original Insert Lens on inside the shield by clicking it into the eccentric pins. (Fig 1 and 2)

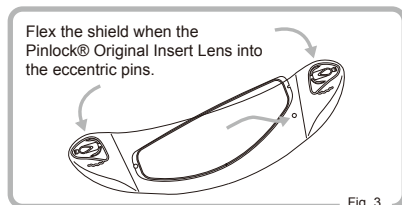


Fig. 3

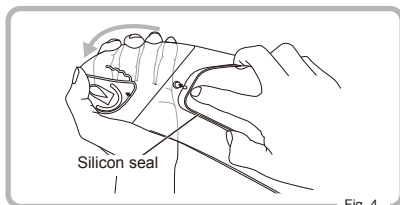
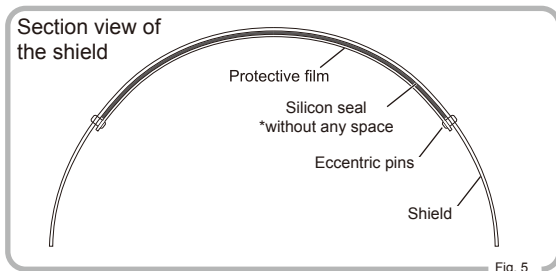


Fig. 4

- ② Flex the shield carefully until the shield becomes flat. Then, click the other side of the Pinlock® Original Insert Lens into the eccentric pins and then allow the shield to return carefully to its original curved shape. (Fig. 3 and 4)

(Follow 3)



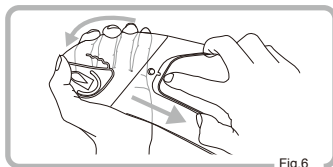
- ③ Make sure if the overall silicon seal of the Pinlock® Original Insert Lens is attached firmly to the shield by mounting the shield on the helmet. If there is any space between them, refer to "How to Adjust Pinlock® Original Insert Lens after Attachment" and adjust the lens.

\*Please mount the shield on the helmet when checking if the Pinlock® Original Insert Lens is attached firmly to the shield. Otherwise, the shield might be spread out by the pressure from the lens and it cannot be assured if the lens has attached on the shield firmly.

- ④ Peel off the protective film on the Pinlock® Original Insert Lens.

#### How to Remove Pinlock® Original Insert Lens:

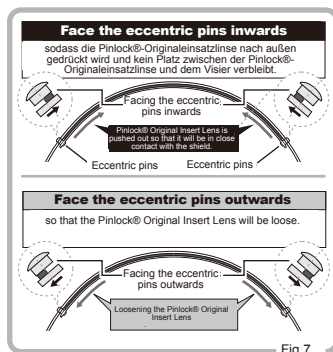
- ① Remove the shield from the helmet.
- ② Remove the Pinlock® Original Insert Lens from the eccentric pins with flexing the shield. (Fig.6)



#### How to Adjust Pinlock® Original Insert Lens after Attachment:

Adjust the Pinlock® Original Insert Lens if there is any space between the lens and the shield.

- ① Remove the shield from the helmet and detach the Pinlock® Original Insert lens from the shield.
- ② Adjust the eccentric pins by turning them with a tool. (Fig. 7)
- ③ Fit the Pinlock® Original Insert Lens back on the shield. Make sure the Pinlock® Original Insert Lens and the shield do not have any space in-between after attaching the shield on the helmet. If there is any space please follow the same steps again.



\* Please read carefully the "CAUTION" and the CAUTION \*Pinlock® Original Insert Lens on the next page.

**! CAUTION**

- Flex the shield properly when fitting the Pinlock® Original Insert Lens. Otherwise, eccentric pins may be damaged.
- Clean the inside of the shield before applying the Pinlock® Original Insert Lens. Pay attention not to touch the anti-fogging part of the silicon seal on the Pinlock® Original Insert Lens.
- Do not use any petroleum products, thinner, glass cleaner, etc. It will degrade the material of the Pinlock® Original Insert Lens.
- Do not leave the Pinlock® Original Insert Lens where the temperature may surpass 50°C or near a heater, neither use a drier nor fire for drying. Heat may degrade the material of the Pinlock® Original Insert Lens.

**! CAUTION \*Pinlock® Original Insert Lens**

- Pinlock® Original Insert Lens is only for exclusive visors.
- If rain or water drops come in the space between the Pinlock® Original Insert Lens and the shield, please detach the Pinlock® Original Insert Lens from the shield and dry them out. Then, reattach the Pinlock® Original Insert Lens on the shield.
- Please remove the Pinlock® Original Insert Lens at times for maintenance. Otherwise the silicon seal of the lens would adhere to the shield.
- Do not use any shields or pins other than exclusive ones for the Pinlock® Original Insert Lens.
- Please be informed that if you are riding with the ventilations closed or using the Wind Shutter, may cause the Pinlock® Original Insert Lens to become fogged.
- Please replace Pinlock® Original Insert Lens if the anti-fog performance decreases and/or being scratched.
- Silicon seal may come into view depending on the riding position.

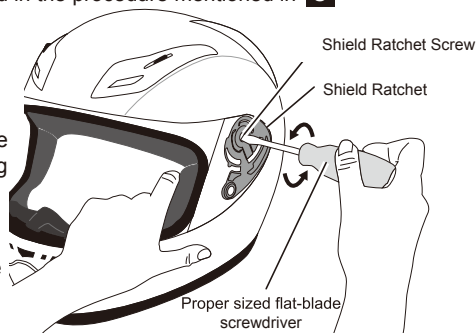
**8 Remove/Replace Shield Ratchets**

The “Shield Ratchet” is a part to control the open/close the shield and the function of the “Single Action Shield System PATENTED”.

When the shield is completely removed in the procedure mentioned in **6** “Single Action Shield System PATENTED”, the Shield Ratchet appears.

**How to remove the Shield Ratchet:**

Turn the Shield Ratchet Screws on the Shield Ratchet counterclockwise using a proper sized flat-blade screwdriver until the screws are removed. Then, the shield ratchet can be removed. Follow the same procedure to remove the Shield Ratchet on the other side.

**! CAUTION**

- Use the proper sized screwdriver to remove the Shield Ratchet Screws. Turn the screw by applying the screwdriver vertically to the screw. If the improper sized screwdriver is used or the screw is turned diagonally, the threads may be stripped.
- Do not lose the removed screws.

## How to install the Shield Ratchet:

- ① First, check the side of the Shield Ratchet as shown in Fig.1.

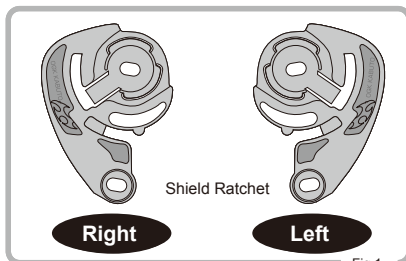


Fig.1

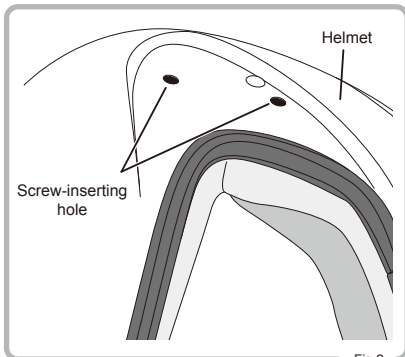


Fig.2

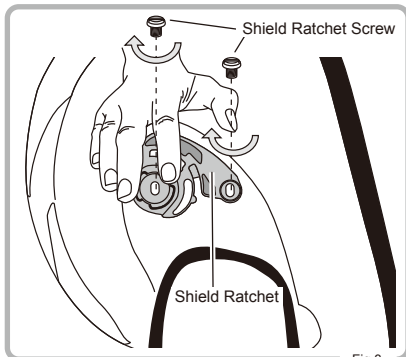


Fig.3

- ② Place the Shield Ratchet in the hollow space on the side of the helmet and align the mounting holes on the shield ratchet with the mounting holes on the helmet (Fig. 2).
- ③ Fasten both Shield Ratchet Screws clockwise securely. Repeat the same procedure on the other Shield Ratchet. Then the Shield Ratchets are installed (Fig. 3)

### ⚠ CAUTION

- Do not fasten the Shield Ratchet Screws too tight. Too much tightening of the screws may damage screws and other parts.
- Fasten the Shield Ratchet Screws by applying the screwdriver vertically to the screws. If the screws are fastened by applying a screwdriver diagonally, the threads may be stripped.

### ⚠ WARNING

- The Shield Ratchet is an important part for open/close the shield. Install the Shield Ratchet securely. After the installation is completed, check to see that the shield can be closed to the lowest position and opened and closed correctly.
- Check and fasten the Shield Ratchet Screws regularly. Riding with the loosened Shield Ratchet Screws is very dangerous as the shield may be removed while riding.

## 9 Remove/Replace Cheek Pads

### Removing the cheek pad:

- ① First, undo the 2 snaps at the rear side of the cheek pad.
  - ② Pull the chinstrap out from the cheek pad. (Fig.1)
  - ③ Grip the base of the middle of the cheek pad securely, and pull it. (Fig.2)
  - ④ Pull out the front Joint Hook at the front of the cheek pad to the direction of the arrow as shown in the Fig.3.
  - ⑤ Pull out the rear Joint Hook by turning it around the Joint Bar as shown in Fig.4.
- Refer to "Undoing the Rear Joint Hook, below.**
- ① Repeat the above steps on the other side.

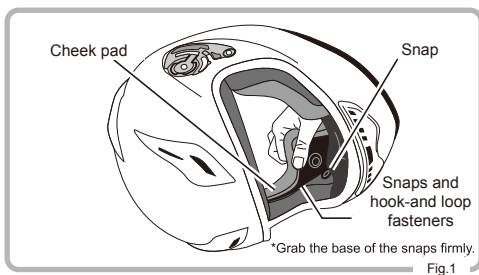


Fig.1

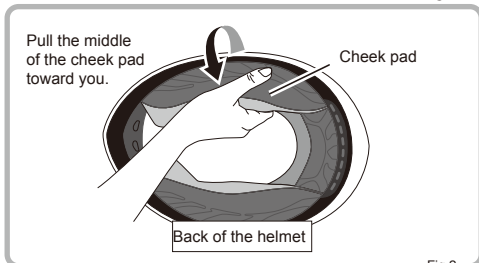


Fig.2

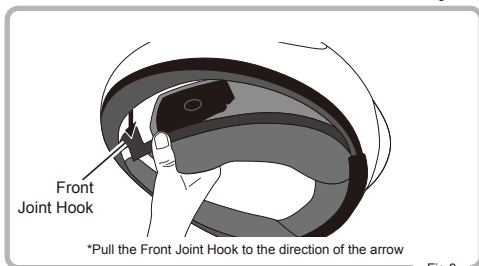


Fig.3

### CAUTION

When removing the cheek pads, be sure to grip the base of cheek pads where the snaps are attached. Otherwise, the cheek pads may be damaged.

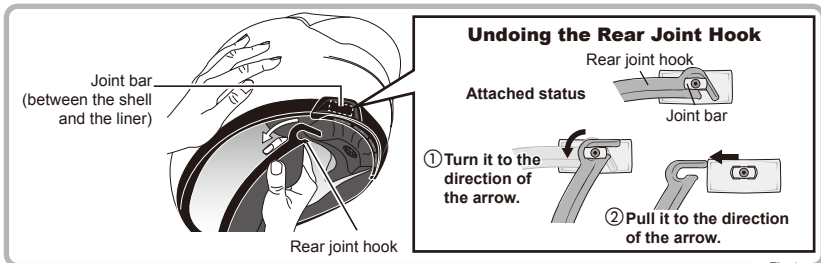
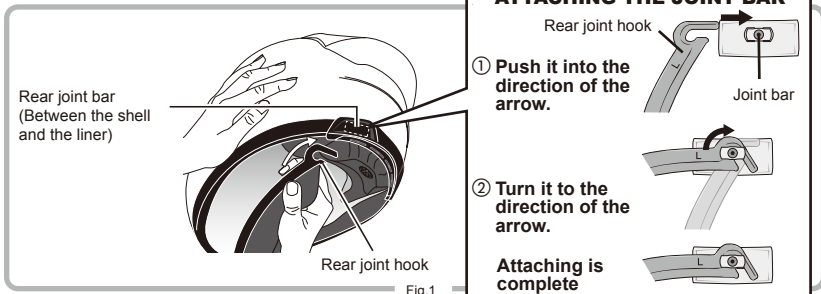


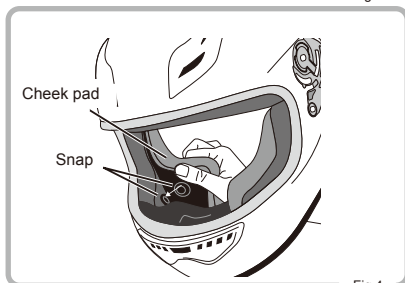
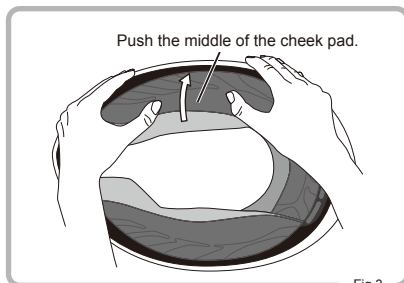
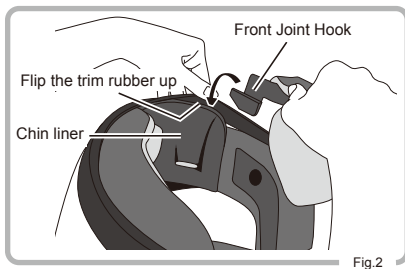
Fig.4



## Attachment of Cheek pads:



- ① Insert the rear Joint Hook in-between the shell and the liner from the position shown in the figure, and hook it to the “Joint Bar” hidden inside there.
- ② Flip up the rubber trim around the chin area as shown in Fig.2. Insert the front Joint Hook in-between the helmet shell and chin liner until the Joint Hook is fixed.



- ③ Push the middle of the cheek pad into the trim rubber in-between the helmet shell and the liner.
- ④ Let the chinstrap go through the chinstrap cover, then fasten 2 snaps and hook and loop fasteners at the back side of the cheek pad. Follow the same procedures on the other side.

### ⚠ CAUTION

Be sure that the cheek pads are attached on the helmet securely before riding.  
It is hazardous to use this helmet without cheek pads or attaching the cheek pads improperly.

## 10 Remove/Replace Cheek Pad Inner Foam

**Take out the inner foam for washing when it gets dirty.**

- ① Remove the "lock-cloth" at the back side of the cheek pad from the hook and loop fasteners. (Fig.1)
- ② Take out the plastic base at the back side of the cheek pad as shown in Fig.2.
- ③ Take out the inner foam.

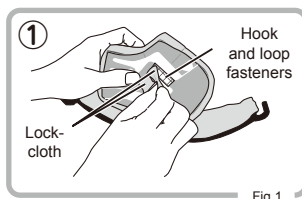


Fig.1

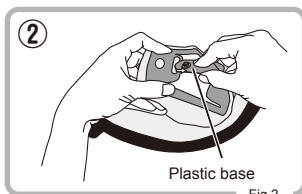


Fig.2

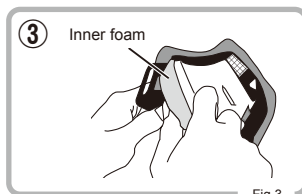


Fig.3

### CAUTION

- Use detergent in cold water or warm water for cleaning. Never use hot water, chemical detergents, and organic solvents for cleaning the pads. The use of these agents may degrade the quality and damage the pads.
- The interiors of this helmet are washable by a washing machine. Put each pad in a washing net and wash them separately.
- The cheek pads are consumable items. Even under normal usage, the fabric material and inner foam may be worn and deteriorated depending on the frequency of usage. Please replace the pads with new ones as appropriate.

**How to replace Cheek Pad inner Foam:**

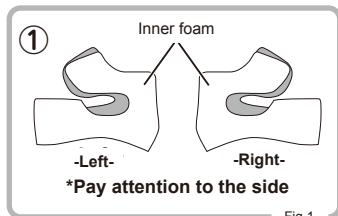


Fig.1

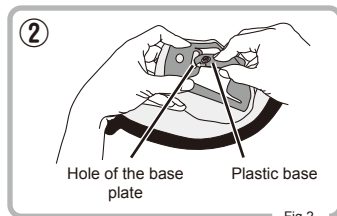


Fig.2

- ① Replace the Inner Foam properly by checking the side of the Cheek Pad Inner Foam. (Fig.1)
- ② Insert the plastic base into the hole of the base plate on the cheek pad as shown Fig.2.

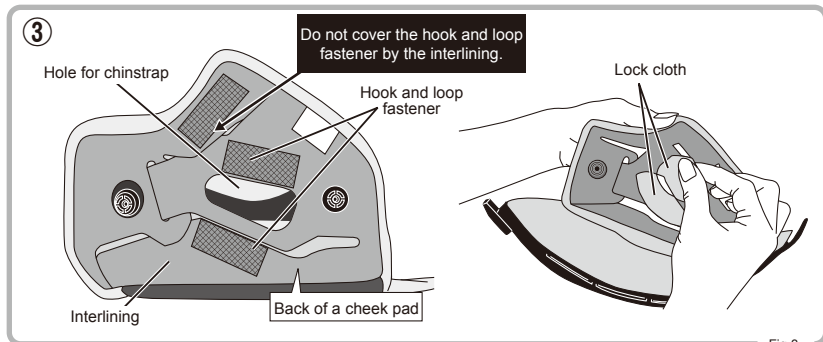


Fig.3

- ③ Let the “Lock cloth” go through the cheek pad from the front then fasten the hook and loop fasteners on the back.

### ! CAUTION

- Attaching the wrong side of the inner foam into the cheek pad may cause a significant deterioration of fitting.
- Be sure to attach the correct side of the inner foam.

### IMPORTANT

## Cleaning of Inner Pad, Cheek Pads and Chinstrap covers

### ! CAUTION


- The interiors of this helmet are washable by a washing machine. Put each pad in a washing net and wash them separately.
- Use detergent in cold water or warm water for cleaning. Never use hot water, chemical detergents, and organic solvents for cleaning the pads. The use of these agents may degrade the quality and damage the pads.
- Even commercially-available detergent may cause a little discolouration of the pad depending on the type of detergent. Thus, wash each pad separately as much as practical.
- If the pad is washed in a washing machine having a drying function in which the temperature is increased to 50°C or more, it may cause deterioration in quality and damage of the pads. Do not use such a device for cleaning of the pad.
- Drain a pad after washing and dry the pad in shade so that it is not exposed to direct sunlight. After making sure that it is dried enough, attach it on the helmet.
- The inner pad and the cheek pad are consumable items. Even under normal usage, the fabric material and inner foam may be worn and deteriorated depending on the frequency of usage. Please replace the pads with new ones as appropriate.

## NOTE

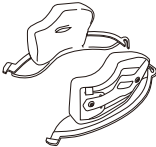
**Exchangeable Inner Pad, Cheek Pads and Chinstrap covers**

FF-5V interiors are exchangeable as shown in the table below.  
Fine fitting can be achieved by changing only cheek pads etc.

**FF-5V Inner pad**

	Shell size	Pad size (Thickness)	Exchangeable	Included in package
	<b>S</b>		XS (19mm)	Interchangeable between the sizes of XS and S
S (15mm)				
<b>M</b>		M (15mm)	Interchangeable between the sizes of M and L	Inner pad × 1 pce
		L (9mm)		
<b>L</b>		XL (9mm)	Interchangeable between the sizes of XL and XXL	Inner pad × 1 pce
		XXL (6mm)		

**FF-5V Cheek pads**

	Shell size	Pad size (Thickness)	Exchangeable	Included in package
	<b>S</b>		xS (37mm)	Interchangeable between the sizes of XS and S
S (33mm)				
<b>M</b>		M (29mm)	Interchangeable between the sizes of M and L	
		L (24mm)		
<b>L</b>		XL (24mm)	Interchangeable between the sizes of XL and XXL	
		XXL (20mm)		

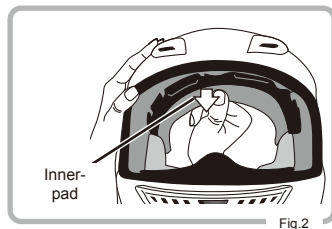
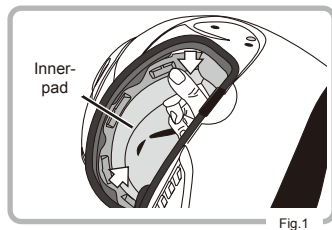
\* FF-5V chinstrap covers are exchangeable for all sizes.

**11 Remove/Replace Inner Pad****How to remove the inner pad:**

- ① Hold the helmet as shown in Fig.1 and then remove the interlining at the temple area on the right and left, individually.
- ② Remove the interlining at the centre as shown in Fig.2.
- ③ Unfasten the 3 snaps on the back of the rear to remove the inner pad completely.

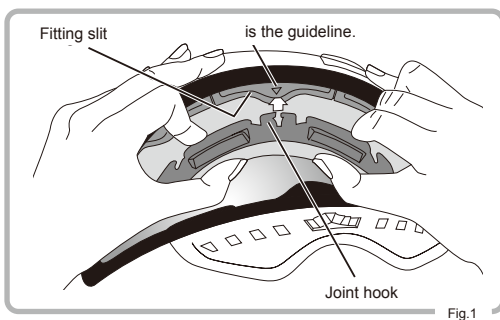
**⚠ CAUTION**

Do not pull the interlining and snaps by force when removing the inner pad. Otherwise, the fabrics of those pads may be damaged.

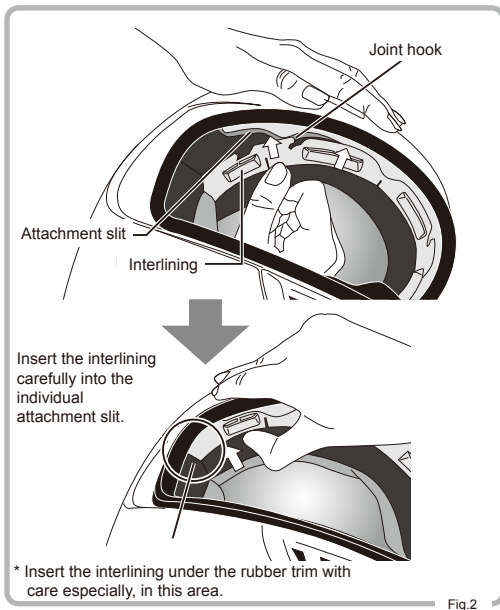


## How to attach the inner pad:

- ① Insert the joint hook at the centre of the inner pad into the attachment slit on the helmet as shown in Fig.1.  $\Delta$  is the guideline for attachment.



- ② Insert the interlining and the joint hooks carefully into the attachment slits from the centre to the side, as shown in Fig.2. Follow the same procedure on the other side.



- ③ Fasten 3 snaps at the rear to attach the inner pad completely.

### ⚠ CAUTION

- If the inner pad is not securely installed, the helmet may be unstable while riding, thereby causing a great risk. Fasten the snaps properly.
- It is also important to attach the pads properly to wear your helmet comfortably.

## 12 Remove/Replace Wind Shutter

The Wind Shutter is included in the package as a standard accessory. This accessory is intended to reduce the introduction of wind from chin area while riding. It can be attached and detached as desired according to seasons and intended applications.

### How to install Wind Shutter

Refer to Fig.1 and check the front side and back side of the Wind Shutter.

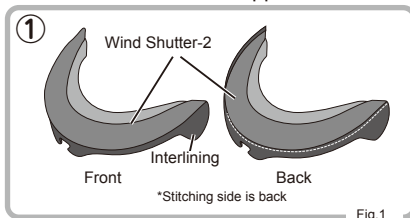


Fig.1

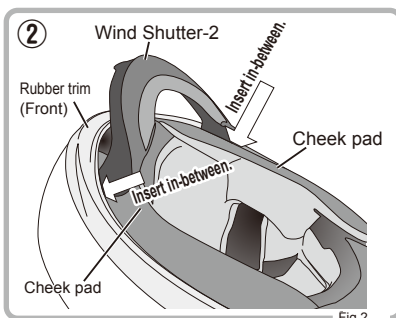


Fig.2

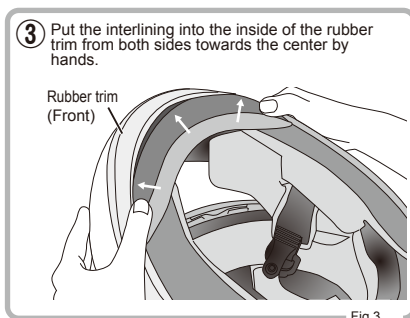


Fig.3

② As shown in Fig. 2, turn the helmet over and attach the Wind Shutter on the front (chin area) of the helmet. In doing this, insert the interlining of both sides of the Wind Shutter in-between the front area of the cheek pad and the rubber trim.

③ As shown in Fig. 3, insert the interlining of the Wind Shutter uniformly into the inside of the rubber trim from both sides towards the centre.

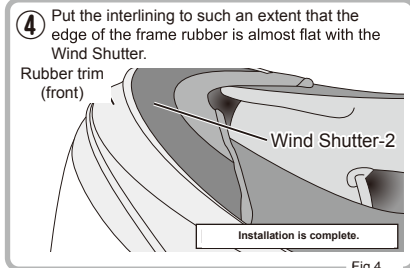


Fig.4

### ! CAUTION

- Install the Wind Shutter securely. Insecure installation may cause falling of the Wind Shutter while riding.
- Do not use an adhesive agent or similar items but install the Wind Shutter according to the procedure given above. Some components of an adhesive agent may damage the material of the helmet.

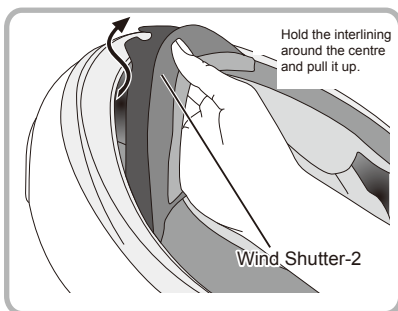
④ Put the interlining to such an extent that the edge of the frame rubber is almost flat with the Wind Shutter. The attachment of the Wind Shutter is complete (Fig.4).

## How to remove Wind Shutter

Firmly hold the interlining area around the centre of the Wind Shutter and pull it up. Then the Wind Shutter will be removed.

### ⚠ CAUTION

To remove the Wind Shutter, gently pull up and take off carefully. Otherwise the cloth and/or part may be damaged.



## 13 Remove/Replace Breath Guard

The “Breath Guard” can be detached or attached according to your needs.

### DETACHING:

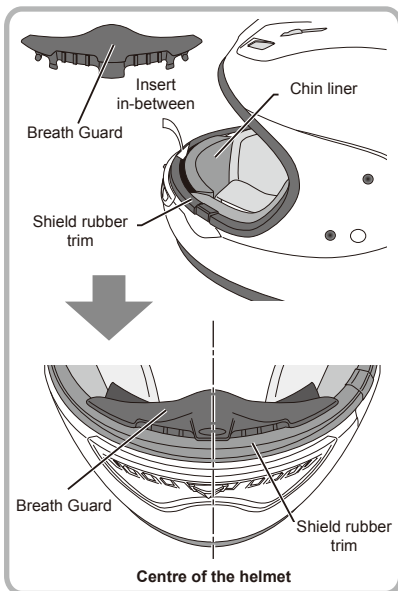
Grip the Breath Guard securely, and pull it out to remove it.

### ATTACHING:

As shown in the figure, set the centre of the Breath Guard onto the centre of the helmet, and push in the Breath Guard between the shield rubber trim and the chin liner.

### ⚠ CAUTION

Do not use an adhesive agent but follow the procedure given above to attach the Breath Guard.  
Some components of an adhesive agent may damage the material of the helmet.



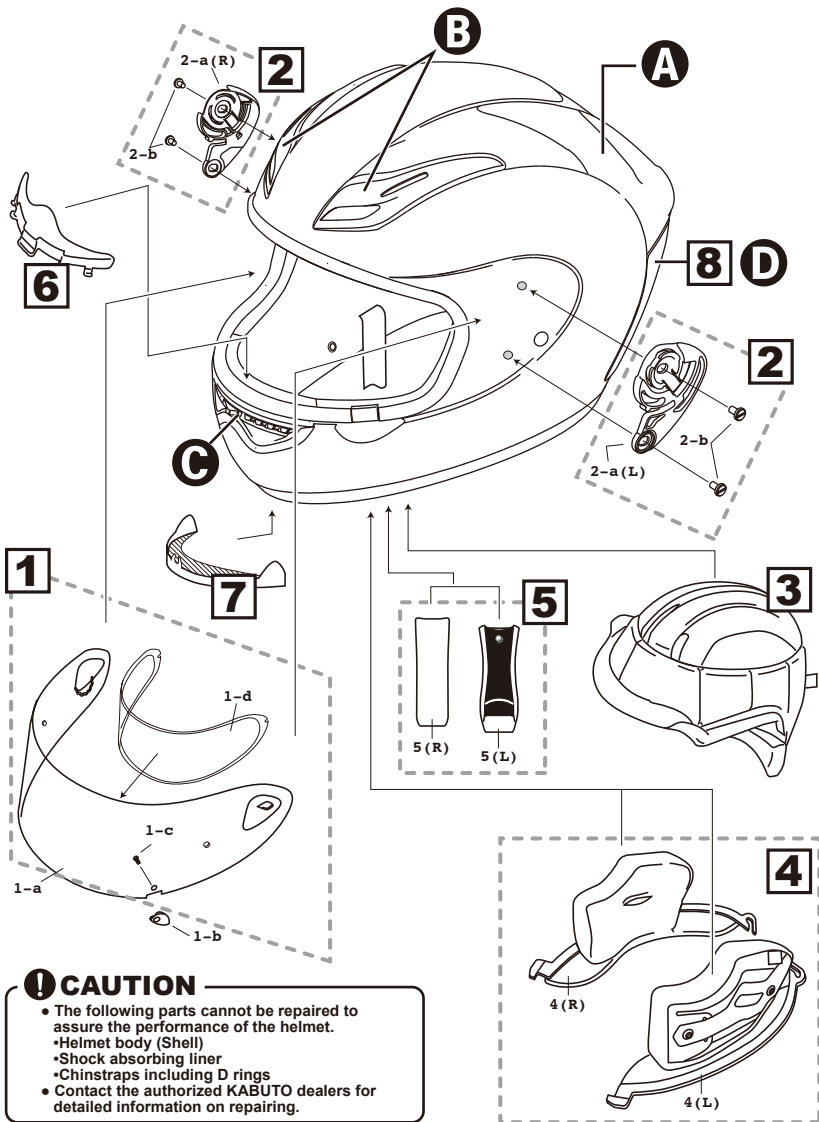
NOTE

## Breath Guard Pro

(Optional accessory)

In addition to this standard Breath Guard, Breath Guard Pro, a larger size than Breath Guard is available as an optional accessory. Breath Guard Pro is available at authorized dealers of KABUTO helmets.

# FF-5V Series Parts List and Table for Replacement





## FF-5V Series Parts for Replacement

No.	Parts	Contains
1	SAF-P Shield set	1-a:SAF-PShield (standard: Clear) × 1pce
	Shield Lever set	1-b:Shield lever × 1 pce 1-c:2.3X6 B-0 screw × 1 pce
	SAF-P Pinlock® Original Insert Lens	1-d:Pinlock® Original Insert Lens (Clear) × 1 pce
2	SAF Shield Ratchets set	2-a:SAF ratchets (R/L) × 1 set 2-b:7L-B screw × 4 pcs
	Shield Ratchet Screws set	2-b:7L-B screw × 4 pcs
3	FF-5V Inner pad	See Page 18 (XS, S, M, L, XL,XXL) Inner pad × 1pce
4	FF-5V Cheek pads set	See Page 18 (XS, S, M, L, XL,XXL) Cheek pads (R&L) × 1 set
5	FF-5V Chinstrap covers	Chinstrap cover (R/L) × 1set
6	Breath Guard No.4	Breath Guard No.4 × 1pce
7	Wind Shutter	Wind Shutter × 1pce
8	Wake Stabilizer * Exclusive to FF-5V	For S size shell (XS and S size) R&L x 1 set
		For M size shell (M and L size) R&L x 1 set
		For XL size shell (XL and XXL size) R&L x 1 set
Optional accessories	SAF shield *with posts for Replace shield	Clear, Light smoke, Medium smoke, Smoke
	SAF-P shield with pins for Pinlock® Original Insert Lens	Clear, Light Smoke, Medium Smoke and Smoke
	SAF mirror shield *with posts for Replace shield	Silver mirror, Blue mirror
	SAF-P mirror shield pins for Pinlock® Original Insert Lens	Silver mirror, Blue mirror
	Replace shield	Clear x 5 pcs Smoke x 3 pcs Silver mirror x 3 pcs
	[Replace shield needs the posts for attachment exclusive for Replace shield. The posts are attached on "SAF shield", above.	
	Breath Guard Pro	Breath Guard Pro × 1pce

- The parts listed above are available at the authorized KABUTO dealers.
- Parts with colour variations, specify your desired colour in your order.
- The materials and specifications are subject to change without prior notice for further improving the performance of the product.
- Check out our website for details about the parts.

## FF-5V Series Parts for Repair

- These parts are repaired at cost of the user except damage attributable to a defect in material and workmanship of KABUTO helmets.

Part name & repairs	Colour / Size	Remarks
<b>A</b> Top Aero Ventilation and Wake Stabilizer	Each colour / Right side ----- Each colour/ Left side	<ul style="list-style-type: none"> <li>• Exclusive to FF-5V</li> <li>• When the Top Aero-Ventilation is replaced, both sides of the Wake Stabilizer need to be replaced together.</li> </ul>
<b>B</b> Head Ventilation	Each colour	<ul style="list-style-type: none"> <li>• Exclusive to FF-5V</li> <li>• The Head ventilation on the right and left will be replaced together.</li> </ul>
<b>C</b> Chin Ventilation	Each colour	<ul style="list-style-type: none"> <li>• Exclusive to FF-5V</li> <li>• When the Top Aero-Ventilation is replaced, both sides of the Wake Stabilizer need to be replaced together.</li> </ul>
<b>D</b> Wake Stabilizer	Each colour	<ul style="list-style-type: none"> <li>• Exclusive to FF-5V</li> <li>• Both sides of the Wake Stabilizer will be replaced together.</li> <li>• Part's size will be different according to the shell size.</li> </ul>

■ Refer to page 24 for more information on repairing.

**COOLMAX®**

**COOLMAX® is used for the interior fabrics in order to allow quick evaporation of sweat and brings cool and comfortable use.**

—Evaporate sweat quickly to achieve cool and comfortable use—

- When sweat comes out from the body, COOLMAX® allows discharging body moisture to the outside and takes in air from the outside to cool and dry your body. As a result, the temperature on the body surface is lowered and exercise great moist adjustment accordingly.
- COOLMAX® provides a natural touch to the texture with soft and light weight and good permeability properties.

\* COOLMAX® is the registered trade name of INVISTA.

## Contact for inquiries on the products and request for repair:

Contact the authorized dealers of Kabuto helmets about the products and request for repair

### Request for repair

- Contact an authorized KABUTO dealer for request of repair.
- After a helmet to be repaired, there may be a case that your order of repairing cannot be accepted if it is judged that the safety performance of the helmet cannot be assured by repairing.

### Parts that cannot be repaired

- The following parts cannot be repaired in terms of assuring the performance of the helmet.
  - Helmet body (Shell)
  - Shock absorbing liner
  - Chinstraps including D rings (Main body, chin area)
- Contact authorized KABUTO dealers for detailed information on repair and others.



OGK KABUTO CO., LTD.  
6-3-4, NAGATANISHI, HIGASHIOSAKA, OSAKA, 577-0016, JAPAN.  
TEL:+81-6-6748-7806 FAX:+81-6-6747-8023  
[www.ogkkabuto.com](http://www.ogkkabuto.com)