



FACTS

ABOUT YOUR NEW HELMET

PLEASE, READ BEFORE WEARING HELMET

**RX-7 CORSAIR
ASTRO-TR
ASTRAL-X
CONDOR
QUANTUM-2
PROFILE
VECTOR
CHASER**

Helmet Specifications Subject to
Change Without Notice.

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NOTICE: ALL PAINTED SURFACES ARE SUBJECT TO CHANGE, OVER TIME, DUE TO ENVIRONMENTAL FACTORS. SUCH CHANGES, SUCH AS FADING, ARE DUE TO THE EFFECTS OF SUN, VAPORS, CLEANING AGENTS, ETC. AND ARE TO BE CONSIDERED AS NORMAL WEAR AND TEAR AND, THEREFORE, NOT SUBJECT TO WARRANTY REPLACEMENT CLAIMS. IT SHOULD BE NOTED BY CONSUMERS CONTEMPLATING THE PURCHASE OF A HELMET WITH FLORESCENT (i.e. "DAY-GLO") SECTIONS TO ITS FINISH THAT THIS TYPE OF FINISH IS PARTICULARLY SUSCEPTIBLE TO EFFECTS OF THIS NORMAL WEAR AND TEAR.

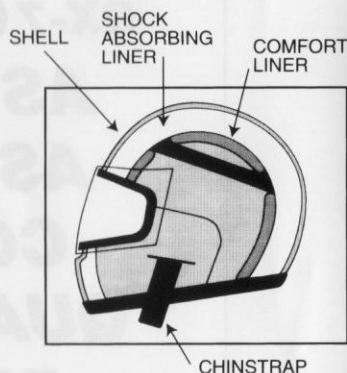
We wish to take this opportunity to thank you for purchasing one of our ARAI helmets. We are confident that it will meet with your satisfaction and we offer this booklet of information to enhance your enjoyment of your new helmet. As the oldest manufacturer of safety helmets in Japan, ARAI has always been in the forefront of the helmet technology and we continue today as one of the leaders in the art and science of making helmets. However, even when built to the best of the current "state of the art", no helmet can guarantee absolute safety. Your helmet's function is to reduce the chance of severity of injury in an accident. Some reasonably foreseeable impacts may exceed any helmet's ability to protect against injury. Please bear this in mind when you ride and ride safely.

NOTES ON USE

The basic function of the helmet, to protect the head from the effects of a severe blow is accomplished by surrounding the head with a certain amount and type of material and space which work as a shock absorber and buffer. For optimum safety, a substantial amount of material is needed around the head. Therefore, although negligible, some degree of hearing, peripheral vision and physical movement may be sacrificed in order to properly protect your head. Remember this and ride accordingly.

For maximum safety, it is important that your helmet be a snug, comfortable fit on your head. It should not be too large so as to dance around on your head nor so small that it constricts and causes pain. When trying to move the helmet on the head, either in rotation and/or fore & aft, the skin should be pulled by the lining. If the lining slips easily over the skin the helmet is too large.

In the event of an accident, you will be subject to impacts that can come from any direction. Some may tend to lift the helmet from your head. Therefore, it is imperative that your chinstrap is securely fastened, keeping your helmet firmly in place whenever you ride.



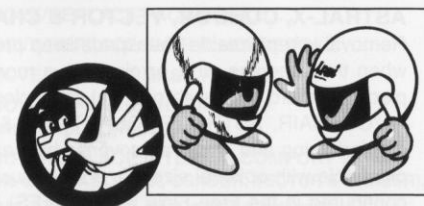
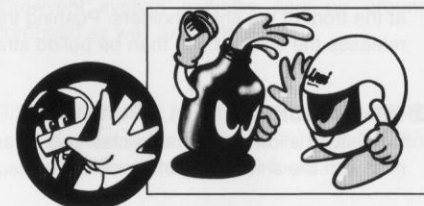
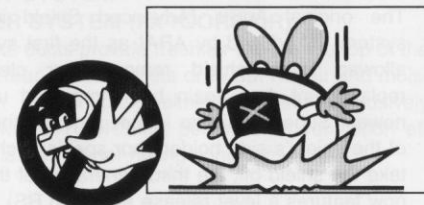
Although your helmet is solidly built, like any fine piece of equipment, it should be handled with care. Dropping onto solid surfaces and other rough handling may damage the painted surface and/or decrease its ability to protect.

Use soft cloth with detergent and lukewarm water solution to clean both the inside and outside of your helmet. Never use petrol, thinner, benzene or any other solvents as these can adversely effect the shock absorbing liner and plastic components.

It is extremely dangerous to modify your helmet as it may decrease the ability to protect. For safety's sake, do not drill any holes in the shell or press or cut the shock absorbing liner. Use only ARAI's genuine parts when you replace parts of your helmet.

If painting your helmet, be sure to protect the entire inside of the helmet from the paint spray by masking all openings with paper and tape as paint can adversely effect the shock absorbing liner and plastic components. Use only air-drying paint, not paints that require heat curing. IMPORTANT: Do not remove any permanent Arai helmet components (such as the E.P.S., a.k.a. Styrofoam liner, chin straps, mounting rivets/bolts or non-removable interior comfort linings) to paint an Arai helmet or for any other reason.

As is the nature of a good helmet, this helmet is so constructed that the energy of a severe impact is absorbed through partial destruction of the shell and/or liner. Such damage may not be visible to the naked eye. If the helmet suffers such an impact, and any doubt exists as to its further ability to protect, it should either be returned to the manufacturer for competent inspection or discarded and replaced by a new ARAI helmet.



① NEW ADSIS DEVELOPMENT-SUPER Adsis!

The original AdSis (Advanced Shield installation system) introduced by ARAI as the first system that allowed quick shield removal, for cleaning or replacement, has again been improved upon. The newest Super AdSis no longer requires the removal of the shield's side holders nor special techniques to take the shield off, the third generation of the system now features a lever release system (LRS) when the shield is in its fully open position levers are deployed at the front of the shield holders. Pushing these levers releases the shield it can then be pulled straight out.

② DEMISTLOK

DeMistLok allows more rapid cleaning on any interior mist with the shield remaining locked in place.

③ REMOVABLE/REPLACEABLE BREATH DEFLECTOR

Breath deflector helps prevent shield fogging, and is removable/replaceable as required (optional for CONDOR).

④ MOUTHVENT SYSTEM

Mouthvent System provides fresh air around mouth, and helps prevent fogging by directing air up along the interior surface of the face shield. However, this occurs only when the chinvent is fully open. When the chinvent is in its mid-way position air is channeled back to further enhance the efficiency of the FFS (below)..

⑥ FFS REPLACEABLE CHEEKPADS (all models except CONDOR), REPLACEABLE INTERIOR COMFORT LINING & CHINSTRAP COVERS (all models except ASTRAL-X, CONDOR, VECTOR & CHASER)

Removable/replaceable cheekpads keep providing a fresh fit by washing the fabric covering when they become dirty, or give you a more custom fit and comfort by allowing you to replace standard pads with optional sizes closer to your individual facial contour. In addition, RX-7CORSAIR, ASTRO-TR, QUANTUM-2 & PROFILE have removable/replaceable interior comfort lining and chinstrap covers which are washable and the interior comfort lining is replaceable with optional sizes for a more custom fit and comfort. Further, the cheekpads are configured in the Free Flow System (FFS) to enhance the chinvents airflow away from the mouth and nose to help remove hot, moist air faster (all models)

⑤ AIRFLOW SPOILER (all models except CONDOR, VECTOR & CHASER)

Airflow spoiler disturbs the airflow around the bottom edge of the helmet and thus reduces drafts and wind noise.



(RX-7CORSAIR)

⑦ TOPVENT SYSTEM

DIFFUSER SYSTEM (RX-7CORSAIR)

Front intake ducts provide fresh air around the top of the head and rear exhaust ducts draw out hot air and moisture from inside the helmet. Diffuser exclusively mounted for RX-7CORSAIR performs its ventilation effect superlatively under racing conditions.

⑧ BROWVENT SYSTEM

Browvent system provides cool air around forehead as well as the interior.

⑨ SUPER AdSis NEW SHIELD HOLDERS

Sleek, more aerodynamic shield holders with no wind catching lever-looks.

⑩ REAR EXHAUST VENTS

Rear exhaust vents draw out hot air inside the helmet.

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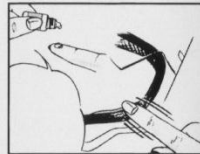
- A** TO OPEN/CLOSE FACE SHIELD.....
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⑪ THE CHINSTRAP END-STRAP SNAP AND A D-RING RELEASE TAB

The chinstrap end-strap snap prevents flapping, and a D-ring release tab makes the loosening of the rings easier.

A TO OPEN/CLOSE FACE SHIELD.....

Pull outward on lower left side of shield to release lock system and then raise shield. The shield can only be opened when the lock system has been so released. To close the shield smoothly, push down on the middle of the upper edge of the shield.



Apply one or two drops of supplied silicone lubricant around edge trim and on other moving parts and wipe off with soft tissue paper to maintain proper operation.

NOTE:Only use Arai genuine silicone lubricant supplied with your helmet or sold at your Arai dealer. The use of non-Arai silicone lubricant may result in damage to the plastic components. There are many "aggressive" cleaners on the market, including some supposed to be specifically for use on helmet and faceshields (visors). Arai strongly recommends that you do not use any such products to clean your helmet as some of their ingredients may have damaging effects on the ancillary plastic parts installed on it. Use only mild soap and luke warm water to clean the interior and exterior of your Arai helmet

B TO OPERATE DEMISTLOK.....

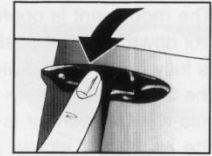
To operate the demisting feature of the Super AdSis system, simply push the DeMistLok tab firmly forward to accomplish the small gap that will assist moisture dispersal.



NOTE:To return the shield to fully closed position, the DeMistLok tab must be pushed back. It is not sufficient to push the shield itself down. Re-closure must be made by means of the DeMistLok.

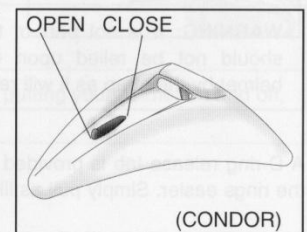
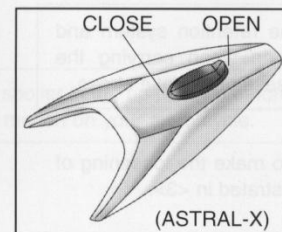
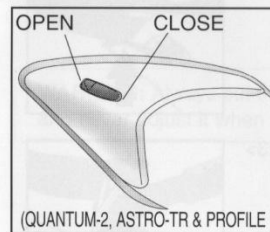
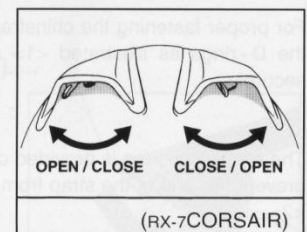
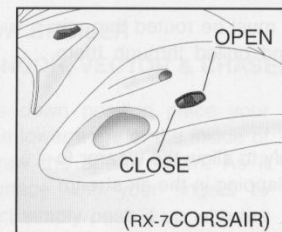
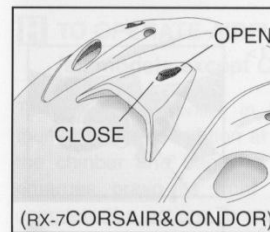
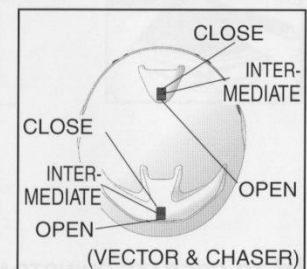
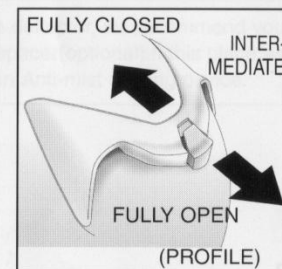
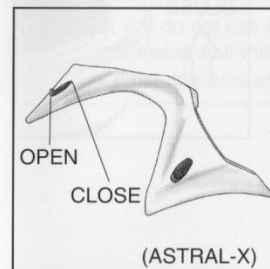
C TO OPERATE BROWVENTS

The Browvents are operated from fully closed through intermediate, to fully open positions by simply pulling the louver control down to open, pushing up to close.



D TO OPERATE TOP DUCTS.....

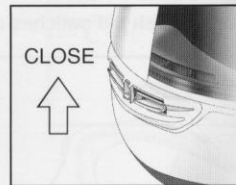
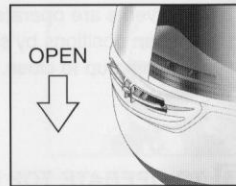
Simply push the switches on each duct to open/close the ducts as illustrated.



WARNING:Do not use oils or waxes to lubricate vents or other moving parts. If you must lubricate such components please sparingly use the silicone lube provided with your helmet for eyepoint trim dressing.

[E] TO OPERATE MOUTHVENT.....

The mouthvent is operated by simply pulling the vent control down to open, pushing up to close. When the chinvent is fully open, air is directed up along the interior surface of the face shield to help prevent fogging and when it is in its mid-way position air is channeled back to further enhance the chinvent's airflow away from the mouth and nose to help remove hot, moist air faster.



[F] TO OPERATE CHINSTRAP.....

For proper fastening the chinstrap must be routed through the D-rings as illustrated <1> and pulled through them securely.

The end-strap snap is provided only to allow the wearer to prevent the end of the strap from flapping in the air stream <2>.

WARNING: It is not part of the retention system and should not be relied upon even when carrying the helmet by the strap as it will release under little stress.

A D-ring release tab is provided to make the loosening of the rings easier. Simply pull as illustrated in <3>.



[G] TO REMOVE/REPLACE BREATH DEFLECTOR (optional for CONDOR).....

To remove the deflector, grasp either side of the edge and pull upward and toward to opposite end.

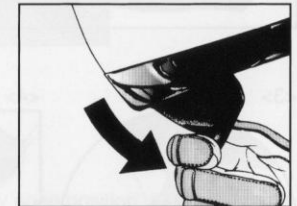
To install the deflector, first insert the center of the deflector in the receiving slot and then push in the sides working from the center outwards.

NOTE: If you do not use the deflector, we recommend you to install Anti-mist spacer (optional) in this place as it actually acts as an Anti-mist ducting device.



[H] TO OPERATE AIRFLOW SPOILER (all models except CONDOR, VECTOR & CHASER).....

To deploy the spoiler in the down position place your thumb in the indentation at the lower edge of the inside of the chinbar and begin to draw the spoiler down. As it emerges grasp its front surface with your fingers to complete the action. To retract simply push it up with the heel of your hand.



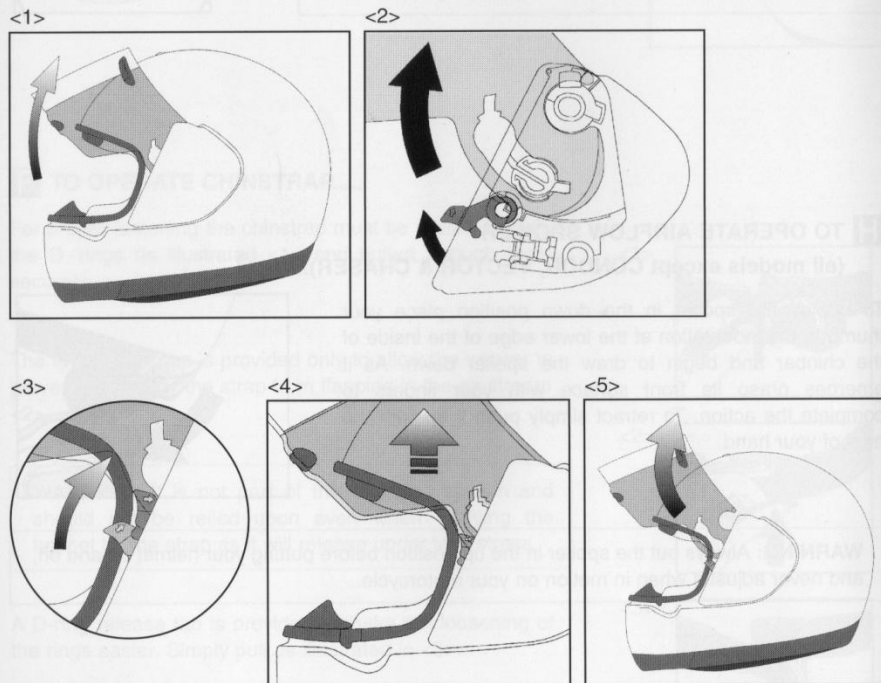
WARNING: Always put the spoiler in the up position before putting your helmet on and off, and never adjust it when in motion on your motorcycle.

I -1 TO REMOVE FACE SHIELD.....

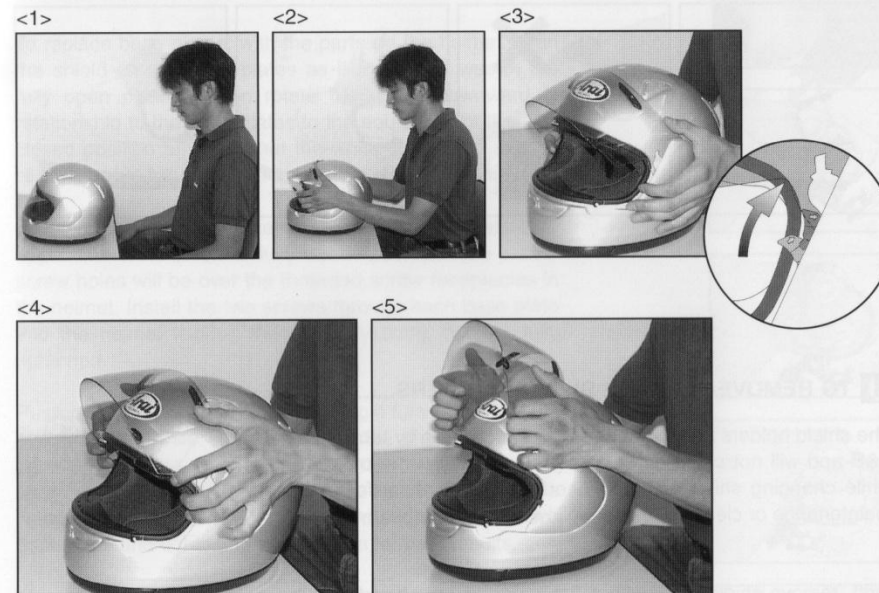
To remove the shield, first place it in the fully open position<1>.

NOTE:The shield cannot be removed from any other position as the lock system will be engaged.

When the shield is in its fully open position, levers deploy from the front edge of the shield holders<2>.Pushing up on these levers until a click is heard releases the shield from the mechanism<3>&<4>, (do not continue to push on levers), and the shield can be pulled straight out<5>.



Recommended procedure: Place helmet on table or seat facing away from you <1>. Raise shield fully upward to deploy the levers <2>. Using both hands at the same time, push up and release levers until a click is heard from each lever <3> and then grasp the shield's sides and rotate your hands upward <4> and away from the helmet which will remove the shield <5>.



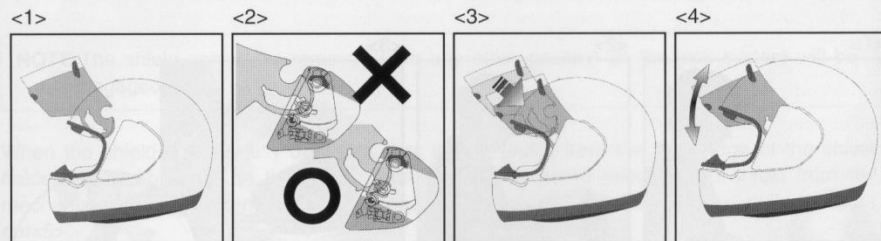
I -2 TO REPLACE FACE SHIELD.....

To replace the shield, holding the shield in approximately its fully open position, slip the comma shaped end of the shield into the side pod's front opening with the comma's lower edge riding on top of the wide white guide a top of the red latch fixture at the bottom of the side pod<1>.

NOTE: If the approach angle of the shield is incorrect, the shield cannot enter fully into the side pod and thus cannot be installed<2>.

Push the shield further into the side pod until the atop-tab on the lower edge of the comma shape goes over the white guide<3>.

Work the shield end up and down, in and out slightly and gently to settle all areas into position<4>. Repeat for the other side. The LRS lever automatically retracts as the shield is closed.



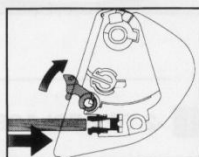
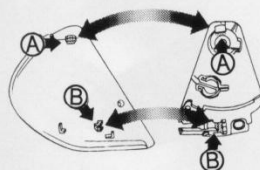
J TO REMOVE/REPLACE SHIELD HOLDERS.....

The shield holders are secured to their base plates by tabs A&B and will not come off in normal use. If they come off while changing shield, or if you need to remove them for maintenance or cleaning, please follow instructions below.

First, remove shield. Next, with a flat house key push red clip under holder backwards and twist key to pop lower edge of the holder free. Or, using a coin to push the clip back, pull outwards on button of holder until it releases from base plate. Then swing holder up out to release top tab.

To replace, position top tab in place in base plate, align lower tab in position over the red clip (contour of the holder will match the recess of the helmet shell) and push the holder toward the shell until you hear the red clip snap over the helmet tab.

If the holders are not correctly reinstalled, these may come off when you try to replace the shield. Be sure the holders are fully secured to their base plates before you replace the shield.



K TO REMOVE/REPLACE BASE PLATES.....

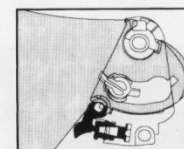
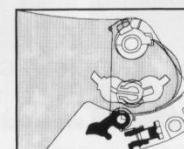
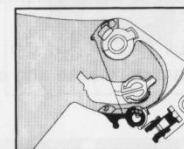
To remove base plates, remove shield and holders, remove the two screws from each plate with flat blade screwdriver or coin. Remove plates from helmet shell.

To replace base plates, with the parts off the helmet, align the shield on the base plates as if the shield was in the fully open position, then rotate the shield downward in relationship to the base plates to the equivalent of the fully closed position ensuring that the white spring clip section of the plate is fully home in the sliding slot of the shield.

Position the shield/base plates assembly on the helmet to approximate the shield in fully closed position. The plates' screw holes will be over the threaded screw receptacles in the helmet. Install the two screws through each base plate into the helmet leaving them slightly snug, but not fully tightened.

Push on the front of the shield to bring it fully home against eyeport trim. While still pushing on the shield to keep it tight against the helmet, fully tighten the base plate screws. It may be necessary to do one side at a time, with a "smoothing" pressure from the shield center toward each base plate and tightening each in turn for best results.

Move shield to fully open position and remove it. Holders cannot be properly reinstalled if shield is left in place. Reinstall holders, then reinstall shield as per previous instructions.

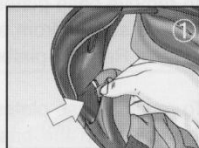


NOTE: The holders are made of polycarbonate plastic so you must make sure any paints used on them are compatible with this material.

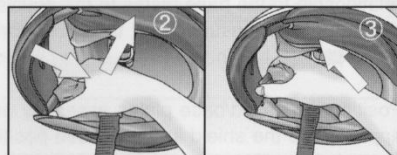
L TO REMOVE/REPLACE CHEEKPADS (all models except CONDOR).....

When first servicing the cheekpads, it is suggested that you do only one at a time so that the other can be used as a reinstallation guide.

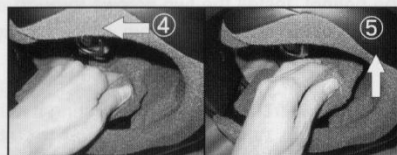
TO REMOVE CHEEKPADS first undo chinstrap. Lift up the neckroll tab, which is inserted under the black covering at the forward lower edge of the cheekpad assembly. <①>



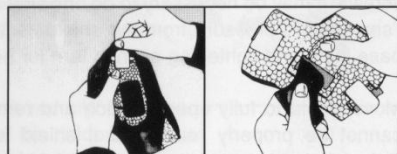
Pull pad toward the rear of the helmet, then inward to release and slide it off the strap <② & ③>



(for VECTOR & CHASER models, pull pad toward the front of the helmet, then inward to release and slide it off the strap. <④ & ⑤>).



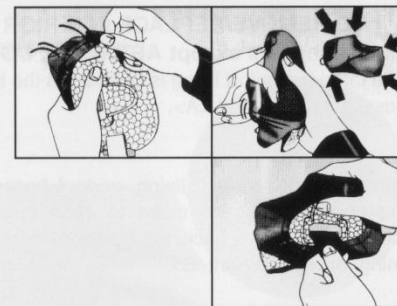
To take off fabric covering for washing, peel the cover off over the exposed plastic tab until all the fabric is on the face side surface. Then draw the cover through the opening by grasping the rectangular collar and pulling.



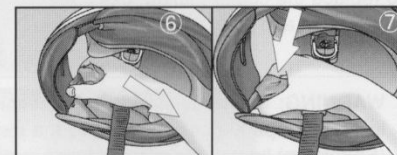
To wash the fabric covering, put them into lukewarm water with small amount of laundry soap and wash gently by hand. Rinse well with fresh water and wipe off with a soft cloth. Dry them in the shade at ambient temperature.

WARNING: Never use petrol, thinner, benzene or any other solvents.

To replace fabric ensure it is turned right-side out then slip the face's large tab through the cover's smallest opening (slot), and stretch cover over pad and onto place, adjusting it to lie smoothly and, then push the rectangular collar through the pad assembly and adjust into final position.

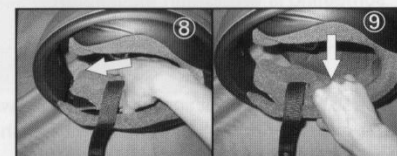


To replace pad in helmet (note that "Left" & "Right" labels indicate the side of the helmet the pad is on when the helmet is worn), slip pad onto strap.

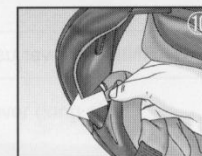


Then place the large uncovered tab toward the rear of the helmet and push it under the main padding <⑥ & ⑦>

(for VECTOR & CHASER models, slide the front tab into its receptacle. Push pad firmly into place. <⑧ & ⑨>).



Replace the neckroll tab into place<⑩>.



M TO REMOVE/REPLACE INTERIOR COMFORT LINING (all models except ASTRAL-X, CONDOR, VECTOR & CHASER).....

The interior comfort lining is secured to the helmet by the 4 bosses as illustrated <A>.

To remove the comfort lining, undo 4 bosses by grasping the comfort lining as close to each boss as possible. Observe the fore & back, top & bottom sides of the comfort lining for replacement.

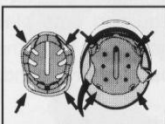
To replace the comfort lining, place the 4 bosses over their receptacles and push them home<C>.

WARNING: When reinstalling comfort lining, be sure the comfort lining is properly positioned along the inside shape of the E.P.S. (Styrofoam) liner. If the comfort lining is not properly installed, the frame of the comfort lining may fold when you put on and take off the helmet, which may injure your skin, etc. Whenever you feel something is wrong with the comfort lining, check that the comfort lining is properly installed.

To wash the comfort lining, put it into lukewarm water with small amount of laundry soap and wash gently by hand. Rinse well with fresh water and wipe off with a soft cloth. Dry it in the shade at ambient temperature.

WARNING: Never use petrol, thinner, benzene or any other solvents.

<A>





<C>



N TO REMOVE/REPLACE CHINSTRAP COVERS (all models except ASTRAL-X, CONDOR, VECTOR & CHASER).....

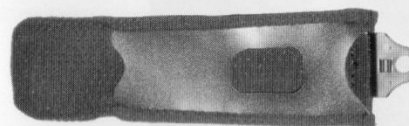
To remove chinstrap covers, first, remove cheekpads as per previous instruction.

Remove plastic chinstrap anchor cover from the steel chinstrap anchor and slide the cover off the chinstrap.

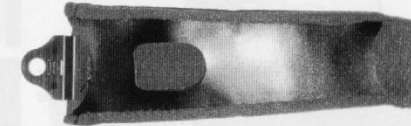


Note the right and left, inside and outside of the chinstrap covers for replacement

left chinstrap cover (D-Ring side)



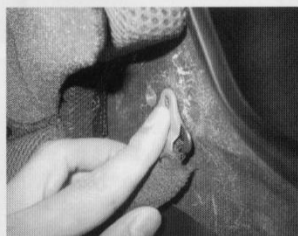
right chinstrap cover (long side)



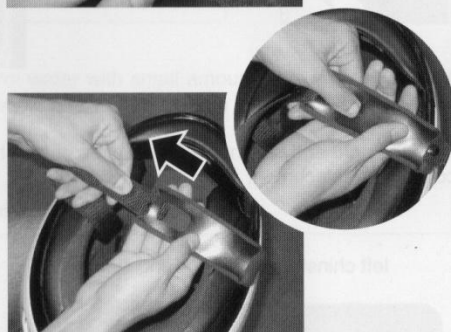
To replace the left chinstrap cover (D-Ring side), ensure the female Chinstrap End-Strap Snap side of the chinstrap and the leatherette-side of the chinstrap cover both face outward, slip chinstrap cover onto the chinstrap.



Position plastic chinstrap anchor cover over the steel anchor and push the cover in the anchor until the tab on the back of the cover snaps fully home.



To replace the right chinstrap cover (long side), ensure the cap side of Chinstrap End-Strap Snap (Arai logo impressed) on the chinstrap and the leatherette-side of the chinstrap cover both face outward, slip chinstrap cover onto the chinstrap.

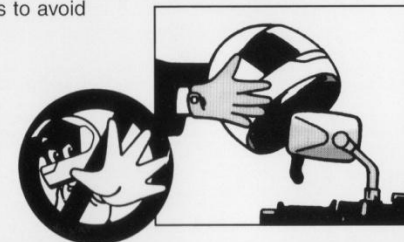


Position chinstrap anchor cover over the anchor and push the cover until the tab on the back of the cover snaps fully home.

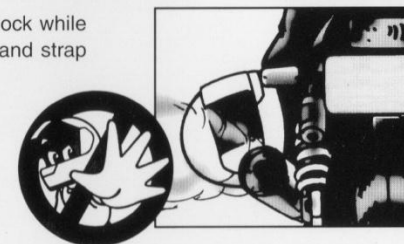


Replace the cheekpads as per previous instruction

Do not "park" helmet on mirror stalks or sissy bars to avoid damage to liner.



Do not carry helmet on the motorcycle's helmet lock while riding to avoid exhaust pipe burns, tire abrasion, and strap damage.



Keep helmet out of the reach of pets to avoid the interior being chewed like a shoe, or scratched, like a sofa, as all too often happens. Such damage can be irreparable.



Do not expose helmets to solvents including gasoline, or their fumes to avoid damage to shields, small plastic components and interior.

