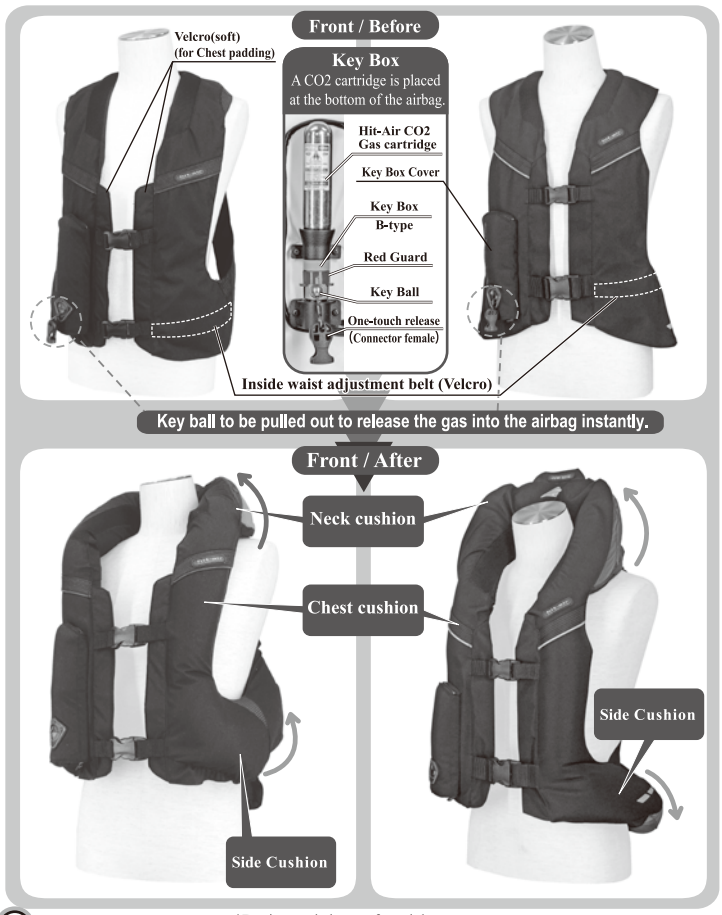
3 Name and Shape

Hit-Air : Name and Shape



*Design and shape of model may vary.

4 Structure

4-1 Function

1 . As soon as the "activation distance" is reached, the Hit-Air is activated and the CO2 gas is sent into the air cushions so that it will provide protection from the shock of impact even before it is fully inflated.

2 . The Hit-Air CO2 gas cartridge and the "key box" area is covered by an ABS protector with buffer material to protect the rider's breast from the projecting objects in case of an accident.

3 . After the airbag inflated in full, the gas will leak out gradually. Depending on the amount of the pressure given to the airbag by the accident, a feeling of tightness may be felt but gradually subsides.

CAUTION

4 . The Hit-Air may not function properly if there is a damage on the Hit-Air, fabric part, air cushion, Velcro, zipper, buckle or other parts. If so, consult with an authorized dealer. The Hit-Air may not be repairable in some cases.

CAUTION

5 . Whenever the Hit-Air inflated, even if there is no visible damage, we recommend taking the Hit-air to an authorized dealer for a maintenance check *1

*1 Even if no damage is visible, there may be damages to the air cushion. Therefore, take the Hit-Air to an authorized dealer for a maintenance check to test the air cushion for leaks and inspect its parts to make sure if it will function properly in case of an accident.

4-2 Air Cushion

1 . The air cushions are made of high quality strong urethane film to absorb and reduce the shock of impact as much as possible when they are swollen.

2 . After the air cushion inflates fully, the air pressure inside slowly decreases as gas comes out gradually.

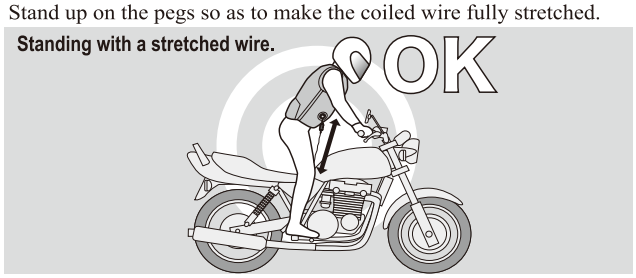
3 . The strength against breakage depends on the material of the jacket, the material of the inner tube (urethane) and the strength of the stitch. It also depends on the degree of impact, shape or hardness of the object the rider may hit after the Hit-Air inflates.

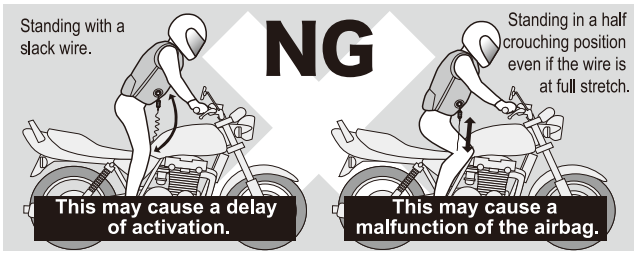
4 . The gas is sent from the "key box" to each air cushion through urethane tubing.

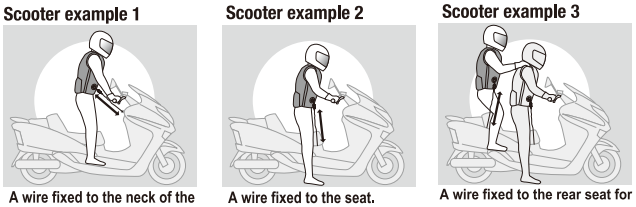
○ The Hit-Air is designed to act as a shock absorber and may break depending on the shape of the object against which it strikes and also the extent of impact given.

How to adjust the length of a coiled wire.

Stand up on the pegs so as to make the coiled wire fully stretched.





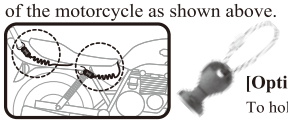


A wire fixed to the neck of the handle.
Standing on the scooter and the wire is at full stretch

A wire fixed to the seat.
Standing on the ground and the wire is at full stretch.

A wire fixed to the rear seat for a passenger.
Standing on the rear step in a half crouching position and the wire is at full stretch.

Where to adjust and fix a coiled wire may vary depending on the size and make of the motorcycle as shown above.



[Optional Accessory] Connector holder
To hold the free end of a coiled wire while it is not in use.

5-3 Attaching Coiled Wire to Motorcycle

Where and how to attach the "coiled wire" to the motorcycle varies with the motorcycle. The rider's movement when riding also varies. Taking these into consideration, decide the length of the "coiled wire" and the part of the motorcycle where it is to be attached (see page 17 to 18). Improper attaching may cause an accidental activation. Or the Hit-Air may not work in the event of an accident.

WARNING

1 . **The connector part or other parts of the coiled wire can be damaged or misshapen when touching high temperatures such as an engine. Please attach the coiled wire where it doesn't interfere with control of the motorcycle.**

CAUTION

2 . Due to the elastic nature of the "coiled wire", the "key ball" or the "one-touch release" may hit the fuel tank or other part of the motorcycle when the Hit-Air is activated.

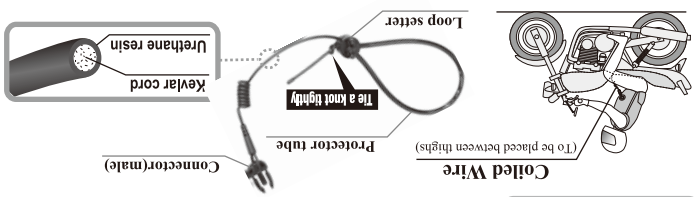
3 . If the "coiled wire" is not attached to the motorcycle properly, it may come off when it is stretched then the Hit-Air will not be activated.

4 . Replace the "coiled wire" if any damage or change of shape is found.

*Do not use the coiled wire other than the one supplied by an authorized dealer.

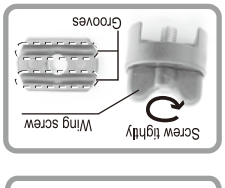
Coiled Wire

A strong wire of Kevlar cord coated with urethane resin.



Loop setter

After the length of the coiled wire is adjusted and decided, put wires in the grooves of the loop setter and tighten the wing screw to fix them firmly.



1. When getting on a motorcycle, confirm that the wing screw is tightly screwed down.
2. Place a coiled wire in the grooves of the loop setter and tighten it firmly with the wing screw. Leave more than 2cm of the wire outside of the loop setter, cut any excess wire and cap the cut end.
3. After the length of the wire is adjusted, tie a knot tightly. Otherwise, a wire may come off the loop setter and the airbag will not be activated.

Protector tube

Protect a motorcycle and a coiled wire against damage.

Pass a coiled wire through a protector tube to protect the part of the wire wound round the frame or handlebar etc. of the motorcycle. Cut the excess tube depending on the part where the coiled wire is fixed.