

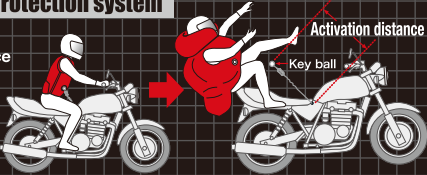
airbag system

Wearable airbag

As soon as a rider is thrown away from the motorcycle, the airbag will be deployed.

AIRBAG SYSTEM Shock-buffering protection system

In a fall or crash, the shock-buffering protection system will be activated instantly after the distance from the rider to the motorcycle exceeds the "activation distance", when the key ball is pulled out of the key box to release CO2 gas into the neck, chest, back and hip airbags to inflate them and to absorb the impact on rider's body.



Key box holds a CO₂ gas cartridge.

Key ball to be pulled out to release the gas into the airbag instantly.

Coiled wire to be connected to a proper place of the motorcycle

CO₂ gas released from the gas cartridge inflates the airbag instantly.

Neck airbag

Chest airbag

Sides and back airbag

Hip airbag
Hip airbag hangs down when inflating.


One-touch release to connect/disconnect a coiled wire when getting on/off the motorcycle.

※ Design and shape of jacket may vary.

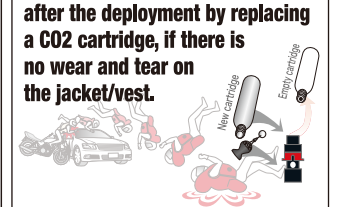
Airbag jacket/vest must always be worn as outerwear (e.g. over rainwear).

Before starting!

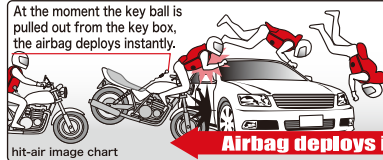
A clicking sound will protect you. Easy to equip for safety and security!




Airbag is reusable repeatedly after the deployment by replacing a CO₂ cartridge, if there is no wear and tear on the jacket/vest.



At the moment the key ball is pulled out from the key box, the airbag deploys instantly.



After the deployment, CO₂ gas comes out of the airbag slowly.



PROTECTOR Jacket and vest are included with protector. *Some has no protector included.


Option (Chest padding) Easy installation with Velcro! Easily attachable to Velcro of jacket or vest.

Airbag deploys instantly.

hit-air image chart

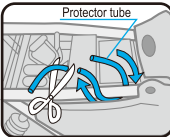
www.hit-air.com

MUGEN DENKO CO.,LTD. 1-1012, Ikeba, Tempaku-ku, Nagoya, 468-0055, Japan tel:+81-52-807-7750 e-mail: mugen@hit-air.com



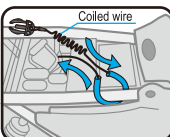
Where and how to fix a coiled wire.

1 Protector tube



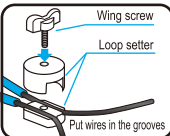
Wind the protector tube round a frame, adjust its length and cut the excess tube.

2 Coiled wire



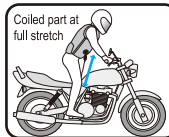
Pass the coiled wire through the protector tube.

3 Wing screw, Loop setter



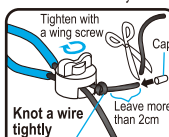
Temporarily fix the coiled wire in the loop setter and adjust its length.

4 Coiled wire at full stretch



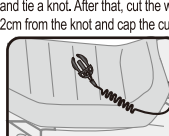
Determine the length of the coiled wire by standing on the pegs to make the coiled wire fully stretched.

5 Tighten with a wing screw, Cap



Knot a wire tightly. Leave more than 2cm.

6 Fix the wire firmly with the loop setter and tie a knot. After that, cut the wire at 2cm from the knot and cap the cut end.

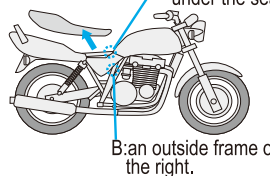


End

Place to fix

A: an inside frame under the seat.

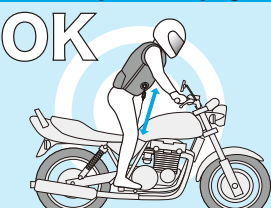
B: an outside frame on the right.



How to adjust the length of a coiled wire.

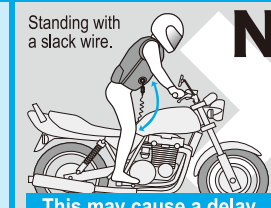
Stand up on the pegs so as to make the coiled wire fully stretched.

OK



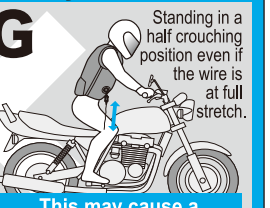
Standing with a stretched wire.

NG



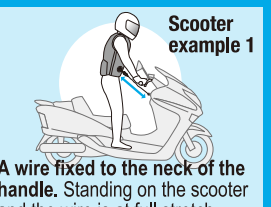
Standing with a slack wire. This may cause a delay of activation.

NG



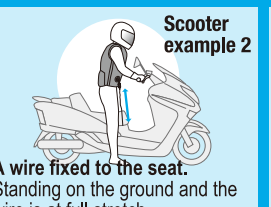
Standing in a half-crouching position even if the wire is at full stretch. This may cause a malfunction of the airbag.

Scooter example 1



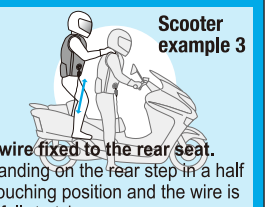
A wire fixed to the neck of the handle. Standing on the scooter and the wire is at full stretch

Scooter example 2



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

Scooter example 3



A wire fixed to the rear seat. 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.

Caution

Don't fix a coiled wire to any part where it would disturb driving the motorcycle, where it would lead to damage a part of the motorcycle, where it may come off when it is pulled and where it becomes hot (over 60°C) such as the engine or muffler.

[Optional Accessory] Connector holder

To hold the free end of a coiled wire while it is not in use.

