

1. Prepare a set of the hexagon wrench and setting bolt, unused CO2 cartridge.(Photo 1)
(The hexagon wrench and screw bolt are provided with a vest)

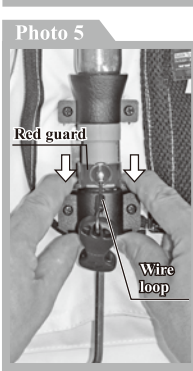
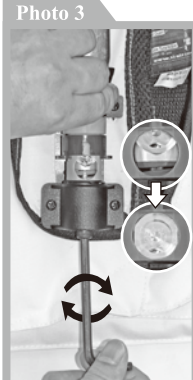
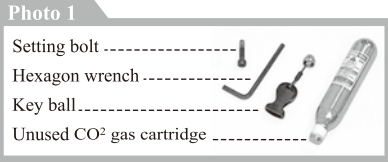
CAUTION

As the CO₂ cartridge for the Hit-Air vest varies in size (capacity), choose the right size of the cartridge matching the size of the vest.

2. Insert the setting bolt to the bottom of the key box.(Photo 2)
3. Screw the setting bolt by the hexagon wrench. The metal hole of the key box comes down accordingly. (Photo 3)
As tightening the bolt, the hole for the key ball is coming down.

4. Put the key ball and its metal ring to the metal hole.(Photo 4)
Insert the key ball with a ring deeply into the hole of the key box. If it is blocked by the ring and does not come down, tighten or loosen the setting bolt and/or press down the edge of the ring around the key ball by the fingernail until the key ring fits in the hole.

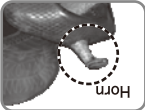
5. Lower the red guard to check if the key ball is installed correctly. In case the red guard doesn't come down fully, the key ball is not installed correctly.(Photo 5)
If the red guard is blocked by the ring and does not come down, tighten or loosen the setting bolt and/or press down the edge of the ring around the key ball by the fingernail until the key ball fits in the hole and the red guard comes down.



P.T.O.

27

9



If mounting and dismounting are unsteady for you, consider fastening up the vest after mounting and removing before dismounting to avoid the possibility of getting caught on the horn of western saddles.

CAUTION

Use caution when mounting and dismounting.

CAUTION

If a fray, rust or wear is found on the "wire loop" or the "coiled wire" attached to the "key ball", replace it immediately.

CAUTION

Don't wash a Hit-Air inner system. Remove it from the vest and wash the vest only.

CAUTION

Don't use a Hit-Air inner system (shock buffering protection system) separately from the vest.

CAUTION

Take full responsibility for correct removing and replacing of the Hit-Air inner system.

CAUTION

Make sure the "coiled wire" is securely attached to the saddle. Improper attaching may prevent the function of the Hit-Air.

CAUTION

To avoid any damage to the airbag, do not prick a needle or sew emblems or iron on the vest with the Hit-Air.

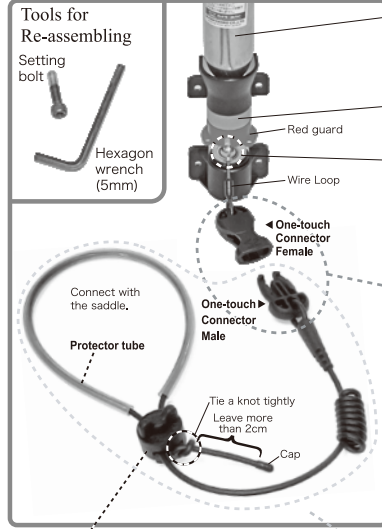
CAUTION

Do not fold or lay anything on it. Avoid high temperature and high humidity.

CAUTION

Keep the vest with the Hit-Air by hanging up on a coat hanger. Do not fold or lay anything on it. Avoid high temperature and high humidity.

This mark denotes that if the "CAUTION" is ignored, it could result in a physical injury or a material damage.



CO₂ gas cartridge

(See P.14)
When the key box is activated, the gas cartridge releases CO₂ gas into the airbag (to each air cushion) immediately to inflate them.

Key box

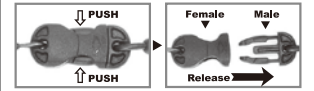
(See P.12)

Key ball

(See P.13)
Key ball to be pulled out to release the gas into the airbag instantly. Key ring holds a key ball in the key box.

One-touch release(Connector)

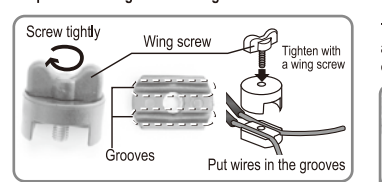
(See P.15)
When getting on a horse, connect the male connector at the end of the coiled wire attached to the saddle with the female connector attached to the jacket.



When getting on a horse, connect one-touch release

Loop setter

(See P.16)
After a coiled wire is fixed to a motorcycle and its length is adjusted, place it in the grooves of the loop setter and tighten the wing screw.

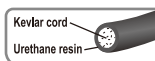


Protector tube

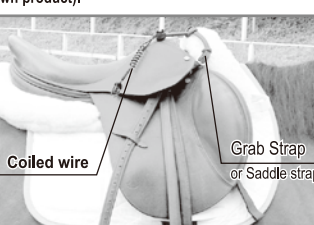
(See P.16)
Made of such non-slippery materials as rubber or silicon to avoid abrasion of the part where the wire is tied.

Coiled wire

(See P.16)
A strong wire of Kevlar cord coated with urethane resin.



Tie a coiled wire to the center of the saddle holder attached to the saddle, or to the saddle strap (our own product).



4

25

For further details for re-assembling see Chapter 7, (Pages 26 to 29). It may not work as designed if there are external or internal damages. re-assemble the Hit-Air carefully at your own risk.

Go over the points listed above and if there are no problems, and unused.

○ Confirm that the gas cartridge to be replaced is the correct size
○ Confirm that the airbag is fully inflated when it is activated
○ Whether it has external damages (holes, scratches, tears, etc.)

CAUTION 9. Be aware of the points listed below when attempting to re-assemble the Hit-Air by yourself after it is activated.
not be repairable.

CAUTION 8. If there is external damage to the Hit-Air due to its activation, take it to an authorized dealer for a maintenance check and to replace the gas cartridge. In cases of extreme damages externally or internally, it may

CAUTION 7. If the Hit-Air inflates accidentally for some reason while riding, do not be alarmed. Look for a safe place and take an appropriate action.

6. If the air cushion is punctured when fully inflated, the gas in all the cushions will immediately escape and the cushions deflate.

5. When the vest with the Hit-Air is inflated, a feeling of tightness may be felt, but the gas will leak out gradually. Therefore, remain calm even if the body with the inflated jacket is pressed down by something.

4. If the scene of accident seems to be dangerous, go to a safe area before taking off the jacket.

3. Look around the scene carefully, unzip and release the buckle to take off the jacket.

2. The vest with the Hit-Air is designed to provide protection especially around the neck, and if there is difficulty in releasing the helmet's strap, to the wearer's neck, so when it is inflated, there will be some pressure

CAUTION 1. A hissing sound of the gas coming out of the gas cartridge into the air cushion or the end of the coil wire tapping a horse may excite the horse.

Pay attention when the jacket with the Hit-Air is inflated as follows.