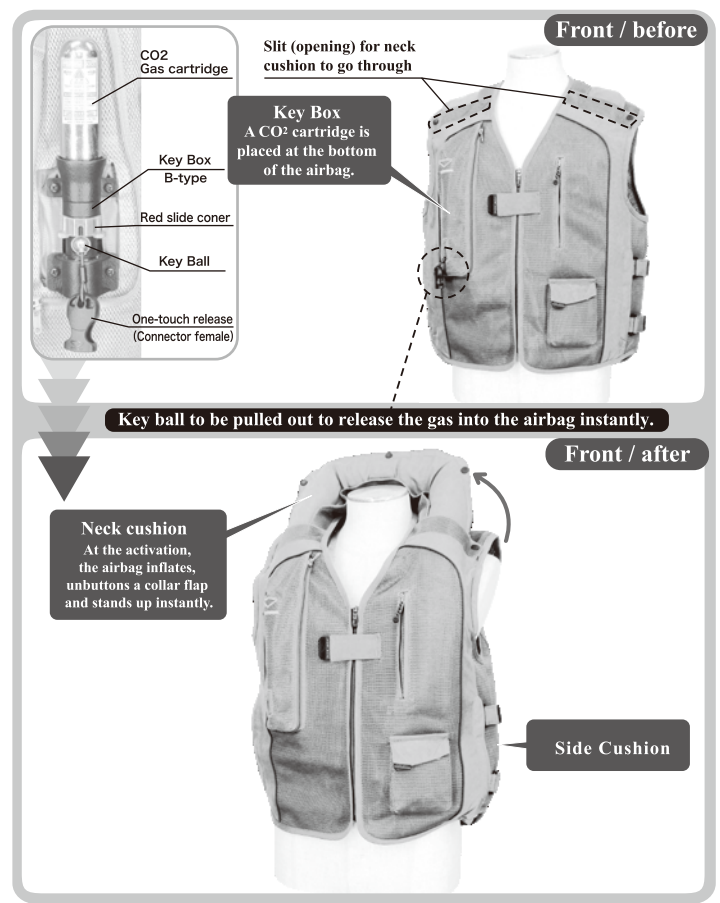


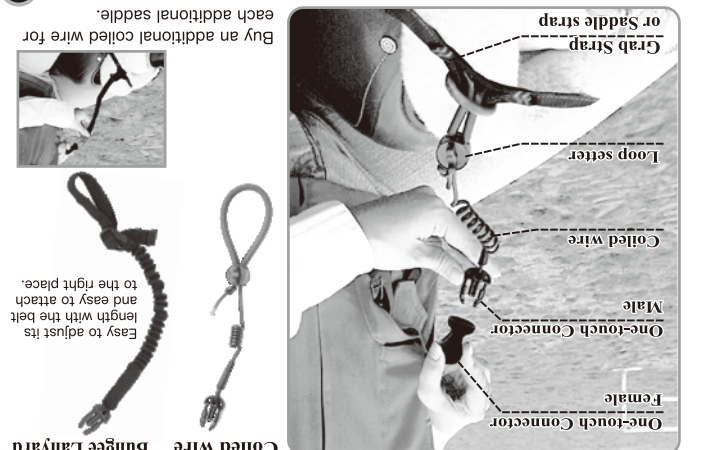
# 3 Name and Shape



\*Design and shape of model may vary.

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CAUTION 1. Hold the female connector and insert the male one. A clicking sound confirms that a connection has been made. Pull the male connector tightly to make sure that the connection has been made properly.

CAUTION 2. If you have difficulty making the connection, clean the male and female parts thoroughly.

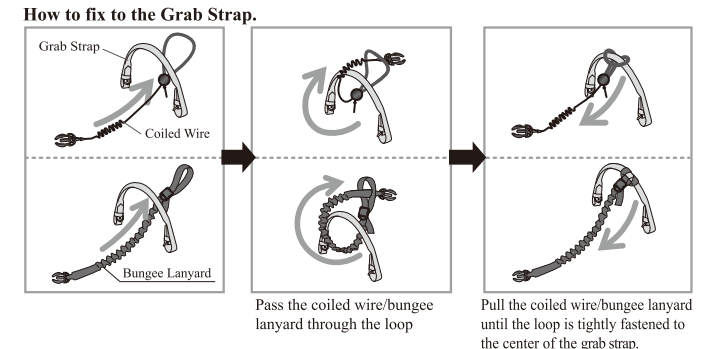
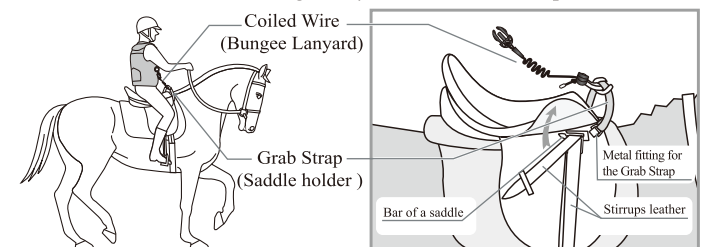
CAUTION 3. Change it for a new one, if the insertion cannot be made properly. Insertion by force may cause a malfunction of the one-touch release.

Connect the male connector at the end of the coiled wire attached to the saddle with the female connector attached to the key ball in the key box.

## 5-1 One-touch Release

# 5-3 Attaching Coiled Wire/Bungee Lanyard to Saddle

## 1. How to fix a coiled wire/bungee lanyard to the Grab Strap/Saddle holder.



**Fix it properly for the safety and the peace of mind.**

CAUTION 1. If the coiled wire/bungee lanyard is not attached to the saddle strap properly, it may come off when it is stretched then the Hit-Air will not be activated.

CAUTION 2. Replace the coiled wire/bungee lanyard when wear, burns, peeling or cracks are found. \*Do not use the coiled wire/bungee lanyard other than the one supplied by an authorized dealer.

CAUTION 3. Don't use a rusty, cracked or deteriorated grab strap or its metal fittings to avoid any possible trouble in activating the system.

CAUTION 4. Activation of the system may delay if a coiled wire/bungee lanyard is not fixed firmly to the proper place of the center of the grab strap and is moving around.

CAUTION 5. Don't fix a coiled wire/bungee lanyard directly to the metal fitting for the grab strap which may be broken or may come off at the activation and the system may not inflate.

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

2. The maximum pressure is about 30kpa(0.3kg/cm<sup>2</sup>) when the air cushion is fully inflated, but gradually decreases as gas comes out of the air cushion.

3. The strength against breakage depends on the material of the jacket the material of the inner tube (polyurethane) 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 CO<sub>2</sub> gas is sent from the key box to each air cushion (polyurethane film) through air tube.

○ 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.

## 4-2 Air Cushion

1. As soon as the "activation distance" is reached, the Hit-Air is activated and the CO<sub>2</sub> 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 CO<sub>2</sub> 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 is 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 to the Hit-Air, cloth of the wear, air cushion, Velcro, zipper, buckle etc. If so, consult with an authorized dealer. The Hit-Air may not be repairable in some cases.

CAUTION 5. Whenever the Hit-Air is inflated, even if there is no visible damage, we recommend taking the Hit-Air to an authorized dealer for a maintenance check (\*2).

(\*2) 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 it will function properly in case of an accident.

## 4-1 Function