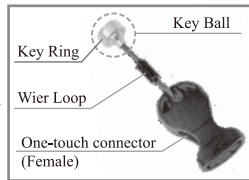


## 4-4 Key Ball (Y-type)

The key ball holds a compression spring and an interlocking needle in the key box.

When the system is activated, the key ball comes out of the key box and a needle in the key box is released and punctures the seal of the gas cartridge to inflate the Hit-Air immediately.

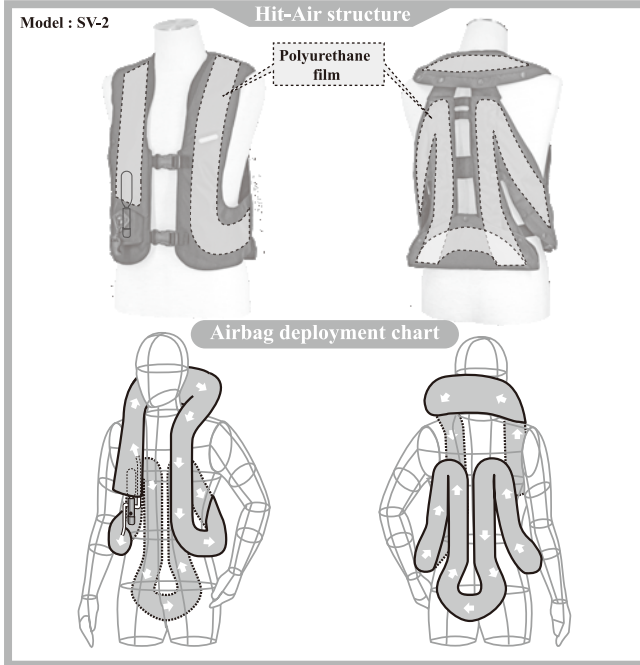
The key ball and the key ring are integrated parts.



Key ball set (Y-type)

## 4-5 Hit-Air structure

Hit-Air of polyurethane film is attached directly to the inside of the cover and absorbs the shock of impact.



\*Design and shape of model may vary.

## 4-6 CO<sup>2</sup> Gas Cartridge

- The gas cartridge contains CO<sup>2</sup> gas.
- When the “key ball” is released from the “key box”, a needle punctures the seal of the gas cartridge to let the gas go into each air cushion.
- Screw the CO<sup>2</sup> cartridge fully into the bottom until it cannot go any further. Otherwise, a needle in the “key box” may not puncture the seal of the CO<sup>2</sup> cartridge and Hit-Air may not be activated properly.
- Do not reuse the gas cartridge once used. Change it to a new one. The seal at the bottom of an used cartridge is pierced with a hole.

Observe the followings to avoid an explosion

**WARNING** ⚠ 1. Keep and use at the temperature below 40°C/104°F.  
Do not keep in the car where the temperature may go up high.

**WARNING** ⚠ 2. Do not give the cartridge a strong shock.

**WARNING** ⚠ 3. Do not heat the cartridge.

**WARNING** ⚠ 4. Do not let corrosion form on the surface of the cartridge.  
If corrosion is noticed, replace it immediately.

**WARNING** ⚠ 5. Confirm that the used gas cartridge is empty of gas before disposing.

**WARNING** ⚠ 6. Do not cut or puncture the gas cartridge.

**WARNING** ⚠ 7. The size (capacity) of the gas cartridge varies from model to model.  
Install the designated size (capacity) for the model.  
Visit <http://www.hit-air.com> "Replacement Gas Cartridges list" to find out the right size for the jacket.

**CAUTION** ⚠ 8. Use the gas cartridge for the Hit-Air only, and not for any other purpose.

**CAUTION** ⚠ 9. Use a Hit-Air CO<sup>2</sup> gas cartridge only. Do not use any other one.

**CAUTION** ⚠ 10. Keep the gas cartridges out of the reach of children.

**CAUTION** ⚠ 11. Once the gas cartridge is installed, don't attempt to turn, loosen or remove it.

**CAUTION** ⚠ 12. Screw the CO<sup>2</sup> cartridge fully until it seats firmly in the key box but do not over tighten.