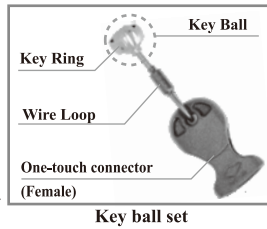


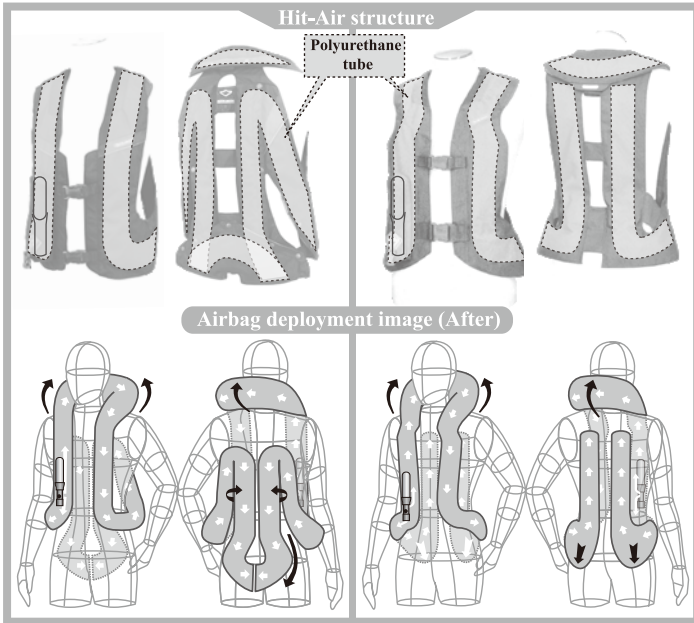
## 4-4 Key Ball

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.



## 4-5 Hit-Air structure

The polyurethane tube which is placed right behind the fabric inflates and absorbs the impact shock.



\*Design and shape of model may vary.

## 4-6 Hit-Air CO2 gas cartridge

- The Hit-Air CO2 gas cartridge contains CO2 gas.
- When the “key ball” is released from the “key box”, a needle punctures the seal of the CO2 gas cartridge to let the gas go into each air cushion.
- Screw the Hit-Air CO2 gas 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 Hit-Air CO2 gas cartridge and Hit-Air may not be activated properly.
- Do not reuse the Hit-Air CO2 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 a burst

- 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 <https://www.hit-air.com>  
“List of replacement gas cartridge size” to find out the right size for your Hit-Air.
- CAUTION** ⚠ 8. Use the gas cartridge for the Hit-Air only, and not for any other purpose.
- CAUTION** ⚠ 9. Use a Hit-Air CO2 gas cartridge only. Do not use any other one.
- CAUTION** ⚠ 10. Keep the gas cartridges out of the reach of children.
- CAUTION** ⚠ 11. Screw the Hit-Air CO2 gas cartridge fully until it seats firmly in the key box but do not over tighten.