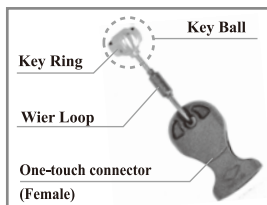


## 4-4 Key Ball

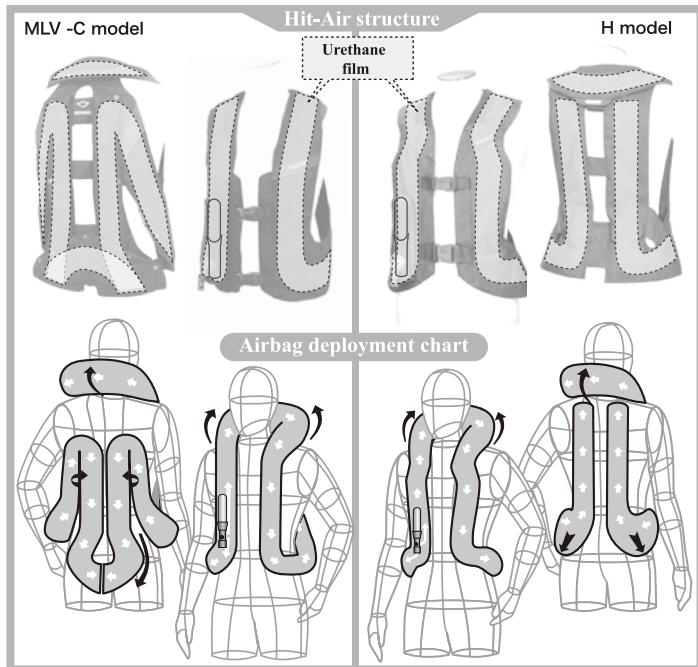
The “key ball” holds a compression spring and an interlocking needle in the “key box”. When the system is activated, the “key ball” comes out of the “key box” and a needle in the “key box” is released and punctures the seal of the gas cartridge to inflate the Hit Air immediately. The “key ball” and the “key ring” are integrated parts.



Key ball set

## 4-5 Hit-Air structure

Hit-Air all-in-one airbag of urethane film is attached directly to the inside of the cover and inflates and absorbs the shock of impact.



\*Design and shape of model may vary.

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

- The gas cartridge contains CO<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> 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/en/horse/> “List of replacement gas cartridge size” 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<sub>2</sub> 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<sub>2</sub> cartridge fully until it seats firmly in the key box but do not over tighten.