



Working with Refrigerants

- Safety goggles and gloves must always be worn! At normal atmospheric pressure and normal ambient temperature liquid refrigerant can vaporise very suddenly, that if it comes in contact with the eyes or skin, frostbite can occur (risk of loss of sight).
- If it does come into contact with the skin, the affected area must be rinsed with plenty of cold water. Do not rub. Contact a doctor immediately!
- The work place must be well ventilated when working on air conditioning systems. The breathing in of high concentrated gaseous refrigerant leads to dizziness and suffocating feelings. Pits should not be used when working on a/c. Gaseous refrigerant is heavier than air, it can accumulate in high concentrations within a pit.
- Don't smoke!
Refrigerant can be transformed into a poisonous substance by burning cigarettes.
- Do not allow refrigerants to come into contact with fire or hot metals. Fatal gasses can be produced.
- Never allow refrigerants to escape into the atmosphere. If the refrigerant container or the a/c system is opened, the contents will escape under high pressure. The pressure increases with the rise in temperature.
- Overheating of a/c parts should be prevented. Vehicles should not stay longer than 20 min. in a drying oven after painting. If longer the a/c must be evacuated.
- When removing connections the ends should not be pointed in the direction of the body. Refrigerant remains may still be around.
- When cleaning the vehicle, the steam cleaner should not be pointed directly at the parts of the air-conditioning system.
- Do not change the setting of the regulation screw on the expansion valve.