

Draw off the contaminated R1234yf refrigerant and dispose of it

Engine **at operating temperature** and switched off.

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Parts required: See additional information



TECHNICAL INFORMATION

Exclusively apply the following procedure if the A/C service station detects contaminated R1234yf refrigerant prior to drawing off the refrigerant circuit. **Observe national/country-specific regulations.**

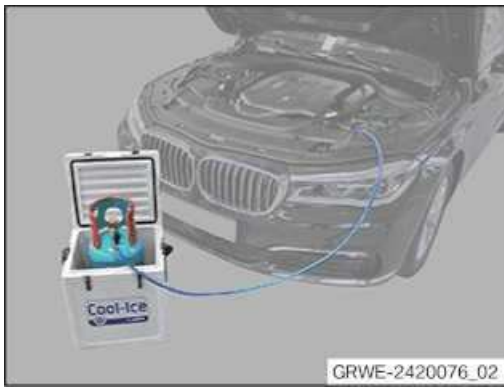


WARNING

Contact with hazardous substances.

Danger of injury!

- Note and follow safety information on containers.
- Conduct all work in appropriate personal protective equipment only.



- Observe additional information!
- Position the cool box in front of the vehicle as shown.
- Insert the mounting for the pressure cylinder into the cool box.
- Adjust the position of the pressure cylinder in the cool box.
- Connect the connecting hose at the pressure cylinder valve.
- Open the pressure cylinder valve.
- Run the air conditioning blower at a medium-high level.
- **Put on safety goggles and protective gloves.**
- Connect the connecting hose at the low-pressure connection of the vehicle.
- Prepare operating fluid for cooling (see additional information)
- Fill the cool box with operating fluid for cooling **to the side** of the pressure cylinder and distribute evenly.
- **Do not cover the upper section of the pressure cylinder including the valve with operating fluid for cooling!**
- Open the low-pressure connection in the vehicle.
- Draw off the refrigerant circuit for 30 min.
- Close the low-pressure connection of the vehicle and the valve on the pressure cylinder.
- Remove the connecting hose.
- Place the cool box including pressure cylinder in a location that is as warm as possible to allow the remaining operating fluid for cooling to evaporate.
- Take off protective equipment.
- Remove air conditioning compressor.
- Drain the refrigerant oil from the air conditioning compressor into a measuring cup.
- Take a note of the drained amount of refrigerant oil.
- Dispose of drained refrigerant oil.
- Fill new refrigerant oil that has been approved for the vehicle: capacity = quantity you wrote down + 15 ml
- Install the air conditioning compressor.
- **Evacuate the refrigerant circuit twice.**
- Fill the refrigerant circuit using R1234yf (amount of refrigerant as per type plate).
- Complete the delivery note and hand over the pressure cylinder to the waste disposal company.

Additional Information

Links

Special tool service information

Disposal equipment for contaminated R134a / R1234yf refrigerant

Special tool service information

Disposal equipment for contaminated R134a / R1234yf refrigerant