



Spot-Gun Set

Filling with contrasting agent on the high-pressure side

Some vehicles only have a service connection on the high-pressure side. Filling contrasting agents via the high-pressure side is no problem from a technical point of view. The *Behr-Hella-Service* spot-gun sets (photo) include a cartridge press, a 240 ml cartridge containing contrasting agent, a hose line with a low-pressure side R134a adapter and a R12 adapter if required. The spot-gun high-pressure adapter (part no. 8PE 351 225-191) or the universal high/low-pressure adapter (part no. 8PE 351 216-261) is required to be able to feed the contrasting agent into the air conditioning system via the high-pressure service connection on the vehicle.

The addition of the contrasting agent can take place with the air conditioning system evacuated or under pressure as long as the air conditioning system is switched off and the residual pressure is less than 6 bar.



The following alternative possibilities are available:

1. If your service station is able to add refrigerant oil separately, the contrasting agent can be filled in the system this way. Please heed the relevant notes in the service station manual.
2. The contrasting agent can be added directly to the compressor oil or filled in the low-pressure side.

To achieve this, a suitable line connection must be loosened once the system has been emptied professionally first. Any O-rings must be replaced, the system evacuated and refilled with the amount of refrigerant specified by the manufacturer.