All models

R 12 Refrigerant capacity

Models	107 129 201.02 201.1	123 126	124	201.034
Capacity	1000 g	1300 g	1100 g	950 g

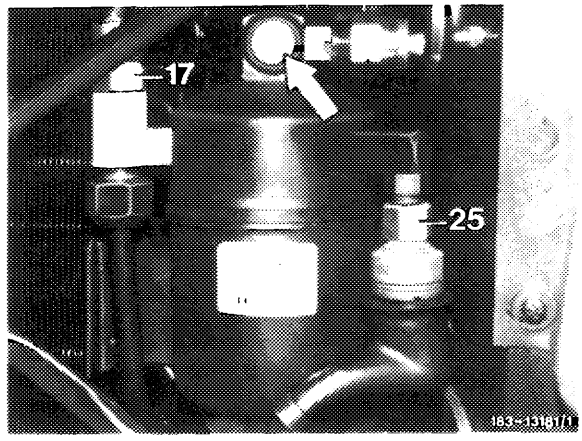
R 134a Refrigerant capacity

Models	124	129	140 w/o rear A/C	140 w/ rear A/C
Capacity	1000 g	950 g	1200 g	1400 g

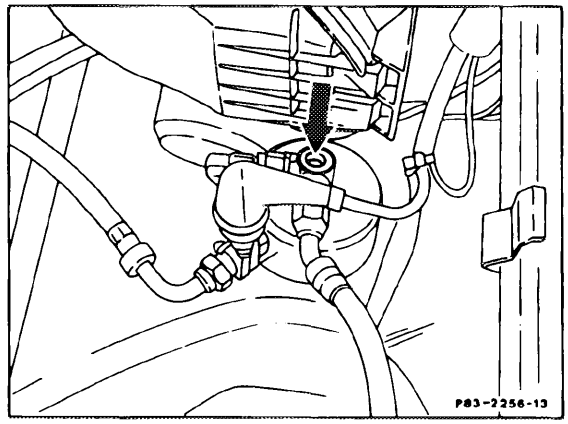
All models except model 140

- Clean sight glass (arrow) on receiver/drier.
- Disconnect wire from pressure switch (25).
- With engine idling, turn on air conditioning or automatic climate control ("DEF")
- Observe sight glass (arrow) and at the same time reconnect wire to pressure switch (25). Refrigerant should rise shortly after the electromagnetic clutch engages. Flow should be free of bubbles or foam (refrigerant is clear).

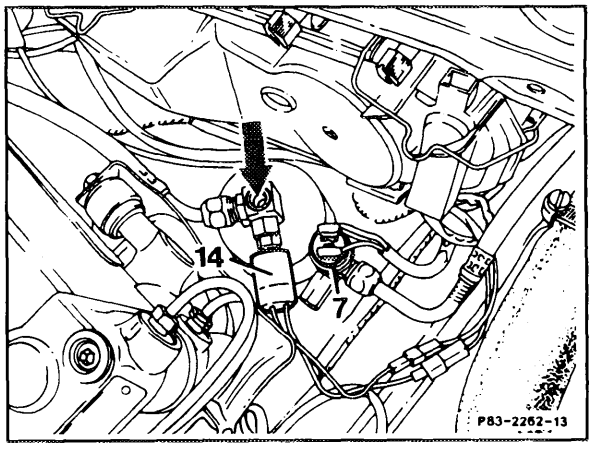
Note: An accurate check of the charge is not possible using the sight glass. At higher ambient temperatures (greater than 35°C) some bubbles may be visible with correct filling quantity.



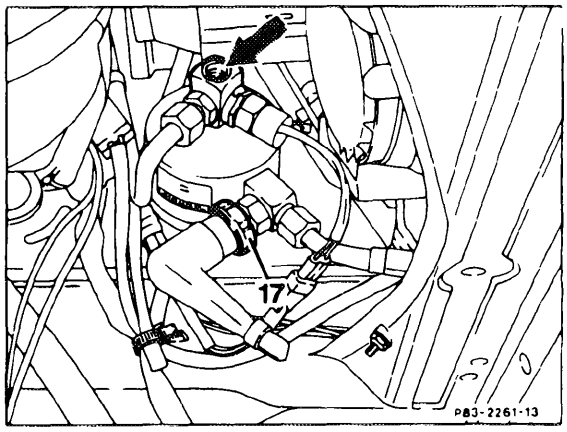
Model 107



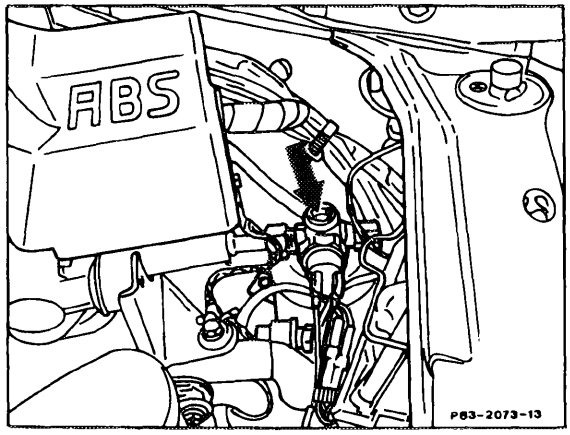
Model 123



Model 124, 201



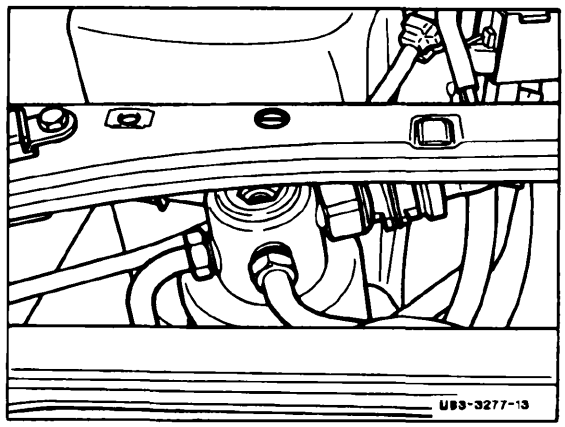
Model 126



Model 129

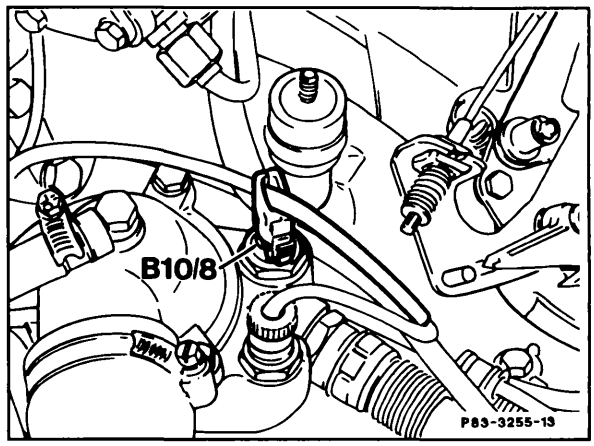
Model 140

- Clean sight glass on receiver/drier. Additonal access can be obtained by removing the left headlight bulb access cover.

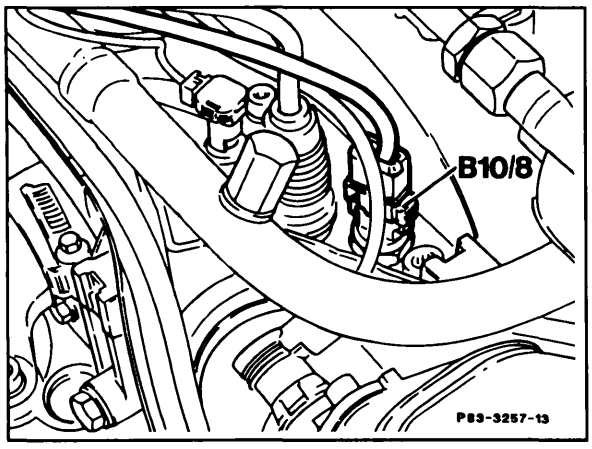


Model 140

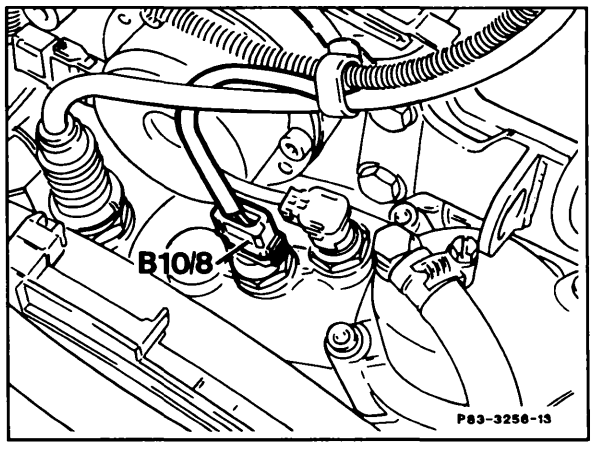
- Disconnect connector from coolant temperature sensor B10/8 and bridge connector terminals with jumper wire.



Location of coolant temperature sensor B10/8, M104 engine



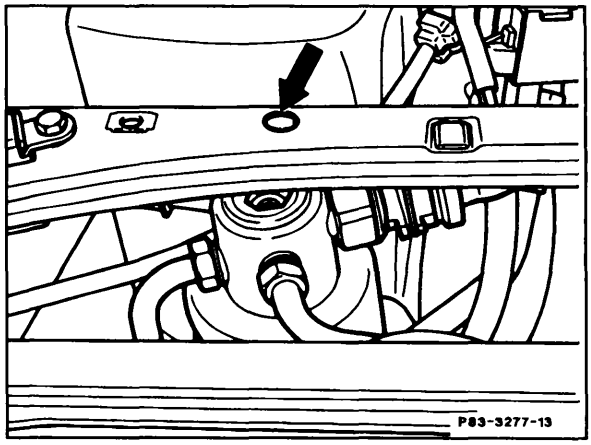
Location of coolant temperature sensor B10/8, M119 engine



Location of coolant temperature sensor B10/8, M120 engine

- With engine idling, switch on automatic climate control (DEF).

- Observe sight glass and simultaneously remove jumper wire from connector.



Location of sight glass observation opening (headlamp bulb access cover shown removed)

Refrigerant should rise shortly after the electromagnetic clutch engages. Flow should be free of bubbles or foam (i.e., refrigerant is clear).

Note: An accurate check of the charge is not always possible using the sight glass. At higher ambient temperatures (greater than 35°C) some bubbles may be visible with correct filling quantity.

With refrigerant loss or suspected system leaks , the correct charge can only be ensured by completely evacuating (recycling) and refilling system. System should first be checked for leaks. The correct charge can only be established by weighing the refrigerant or by using a recharging cylinder or automatic air conditioning recharging station.

Refer to the latest information concerning correct charge for each model in the introduction manuals and repair instructions.