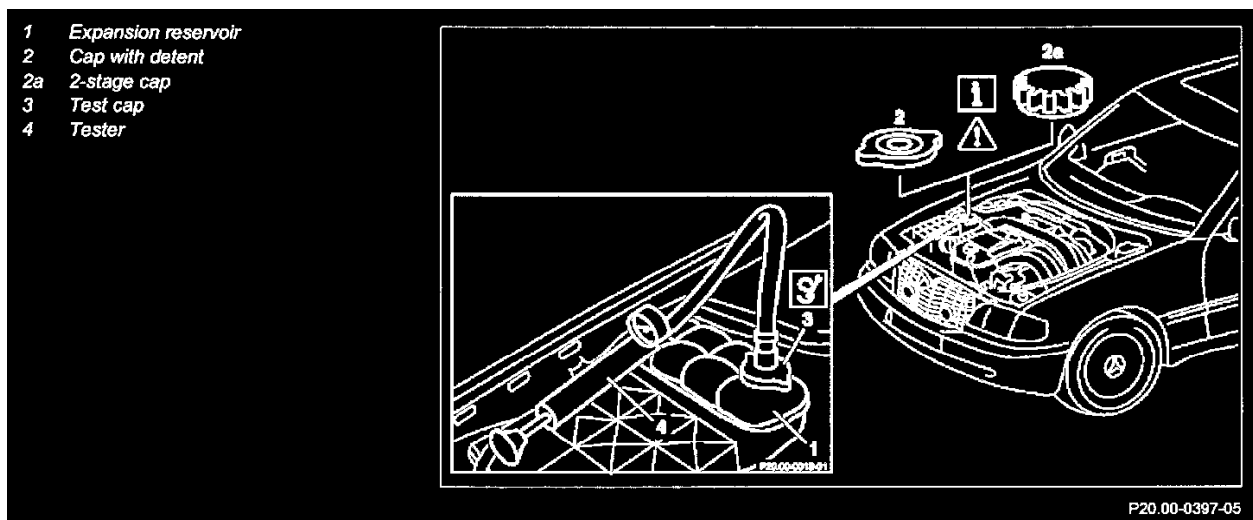


Cooling System: Testing and Inspection

Inspect Cooling System For Leaks



Remove/Install

DANGER:

- Risk of injury to skin and eyes suffering scalding from contact with hot coolant spray Risk of poisoning from swallowing coolant.
- Do not open cooling system unless coolant temperature is below 90 degrees C. Open cap slowly and release the pressure. Do not pour coolant into beverage bottles.
- Wear protective gloves, protective clothing and eye protection.

- 1 Open cap with detent (2) or 2-stage cap (2a) expansion reservoir (1) or radiator.

NOTE:

- Cap with detent (2): Rotate cap with detent (2) carefully to first predetent, release pressure, then unscrew cap with detent (2).
- Model 163: Rotate 2-stage cap (2a) or 1-stage cap half a revolution in anti-clockwise direction, release pressure, then unscrew 2-stage cap (2a) or 1-stage cap.

- 2 Set heating switches to maximum heating capacity
 - All except Model 163

NOTE: Model 163 has no pulsed valves. Coolant is permanently flowing through the heating system heat exchanger.

Inspect

- 3 Check coolant level, if required adjust correctly.

NOTE: In case of inadequate antifreeze content, Replace coolant against a separate job order.

- 4 Fit the test cap (3) on the expansion reservoir or radiator
- 5 Connect tester
- 6 Apply pressure to cooling system and check leaktightness of cooling system
- 7 Inspect cooling and heating hoses as well as their connection points for proper condition and loss of coolant, replace coolant hoses, if necessary.
- 8 Check condition and seating of hose clamps and retighten or replace if necessary.
- 9 Install in the reverse order.