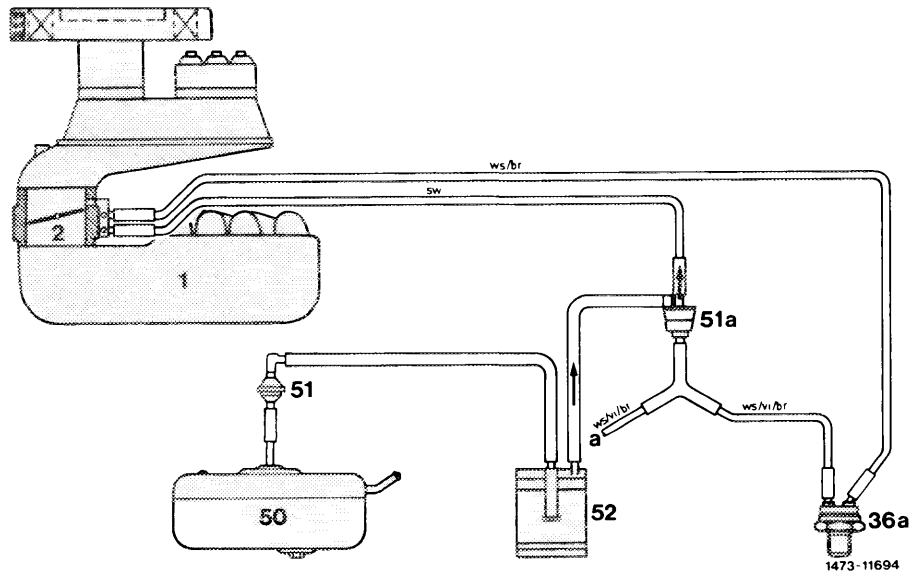


In the event of complaints such as: Poor warm-up characteristics of engine, poor idle, no accelerator response or splashing during acceleration.

Test conditions: Run engine at operating temperature at idle.



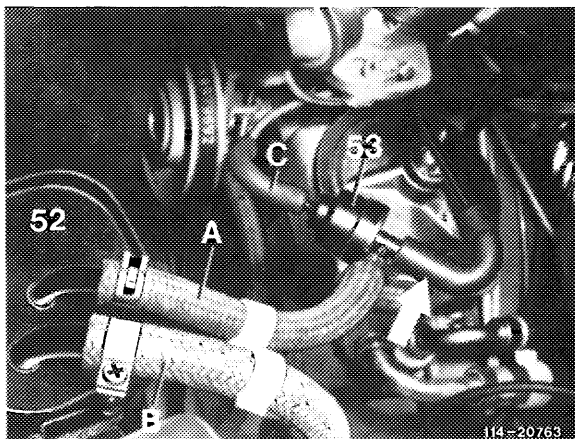
Function diagram fuel evaporation control system

- | | | |
|-----|---|-------------|
| 1 | Intake manifold | br = brown |
| 2 | Throttle valve housing | sw = black |
| 36a | Thermovalve | vi = purple |
| | (USA) 40 °C, color code black | ws = white |
| | (J) (USA) CAT/RÜF 50 °C, color code red | |
| 50 | Fuel tank | |
| 51 | Vent valve | |
| 51a | Purge valve (regenerating valve) | |
| 52 | Charcoal canister | |
| a | To EGR valve (USA only) | |

Pull draw-off hose (a) from charcoal canister (52) and check draw-off. For this purpose, slowly increase engine speed to approx. 3000/min.

No draw-off at idle; draw-off begins with increasing engine speed.

No draw-off with increasing engine speed.



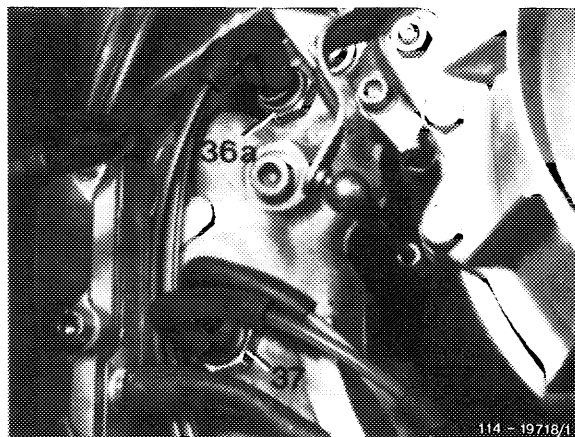
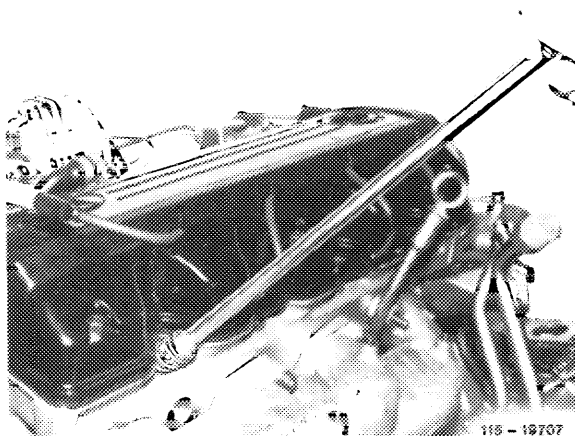
Check vacuum lines and draw-off line (arrow)

Check both vacuum lines as well as draw-off line for correct connection and passage. Renew damaged lines.

Check thermovalve (36a)

Valve must have passage. Renew thermo- valve, if there is no passage.

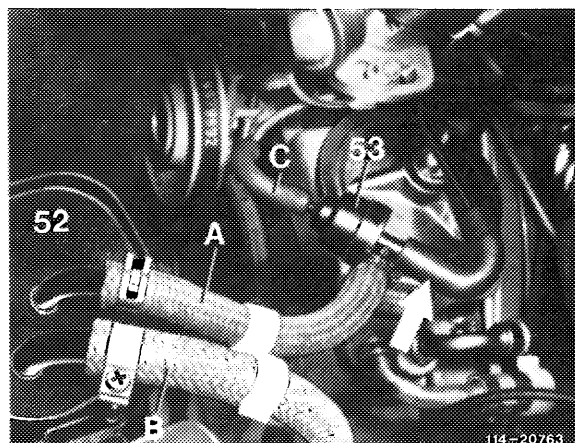
(AUS)



(J) (USA)
CAT/RÜF

Renew purge valve (regenerating valve) (36a)

Check draw-off on draw-off hose (A) again. If there is no draw-off with increasing speed, renew purge valve (regenerating valve).



End of test