

Fig. 72 Cold starting, principle

(Carburettor on B 20 B engine. Vacuum outlet located as for B 20 A engine)

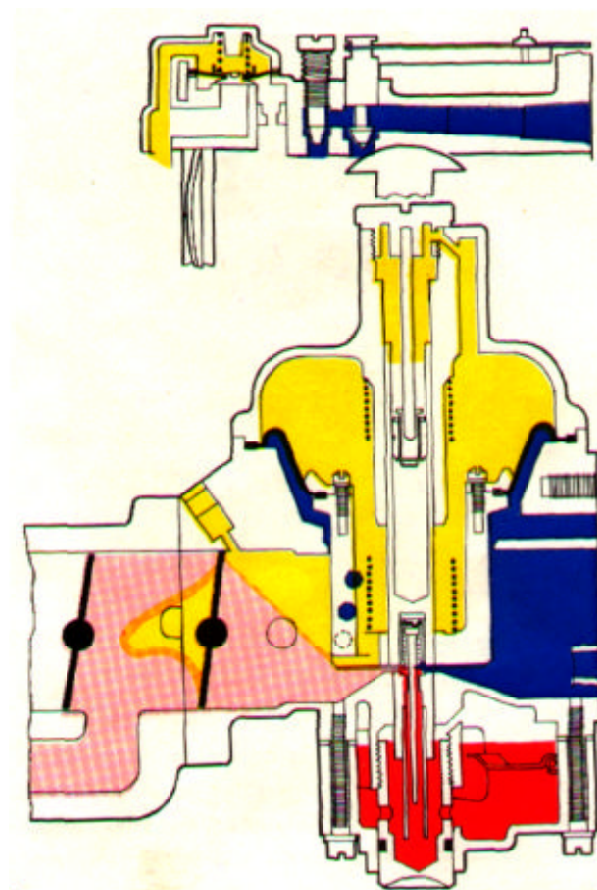
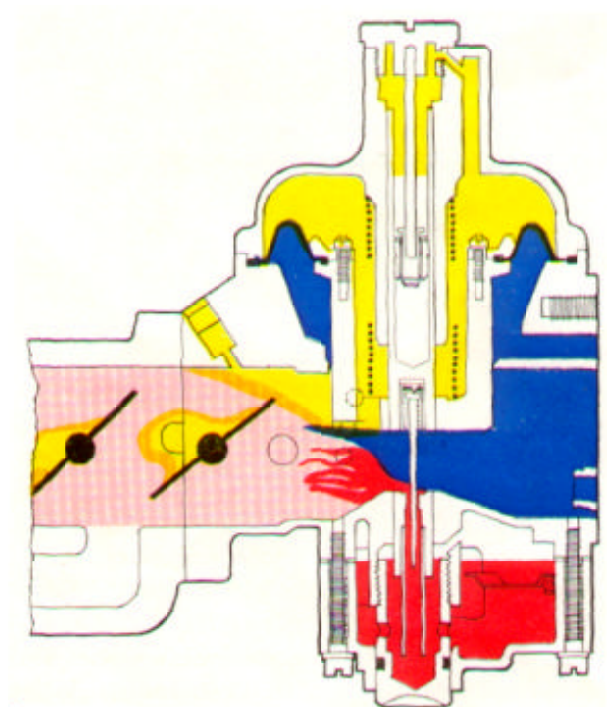


Fig. 73 Idling, warm engine

1. By-pass valve (B 20 B)
2. Idle trimming screw
3. Valve for temperature compensator
4. Bi-metal spring for temperature compensator
5. Suction chamber
6. Spring
7. Damper piston
8. Diaphragm
9. Drilling for air supply under diaphragm
10. Air valve
11. Metering needle suspension
12. Drilling for air supply to temp. compensator and idle trimming screw.
13. Fuel jet
14. Carburettor housing (middle section)
15. Metering needle
16. Floatchamber
17. Rubber ring
18. Floatchamber plug
19. Drilling for cold-start fuel (located in carb. Opposite wall)
20. Drilling for extra air through temperature compensator
21. Drilling for extra air through idle trimming screw inlet channel for fuel-air mixing through by-pass valve
22. Outlet channel for fuel-air mixing through by-pass valve
23. Secondary throttle
24. Primary throttle
25. Vacuum outlet for distributor



**Fig. 74 Normal operation
(with secondary throttle)**