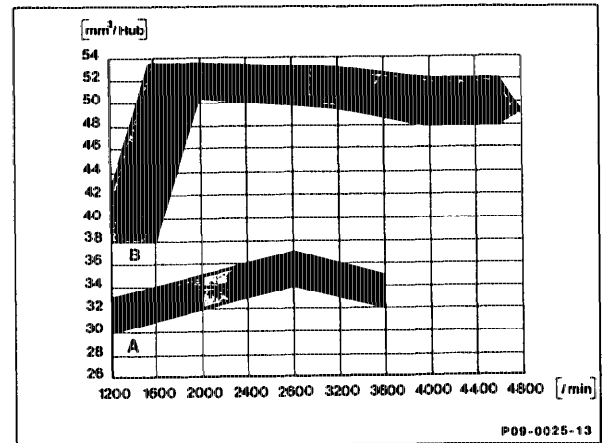


09-0200 Function of Engine Overload Protection (not Applicable to Engines with P2 Control)

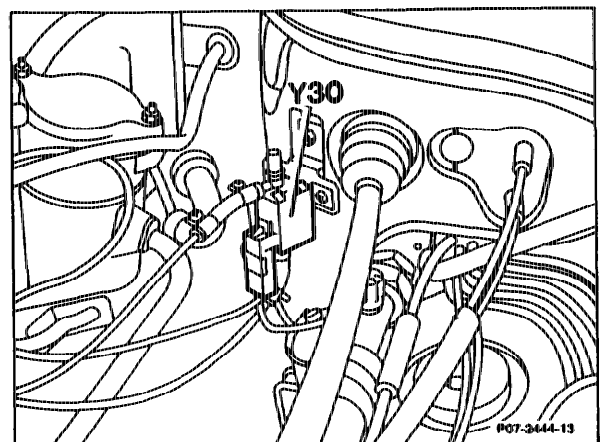
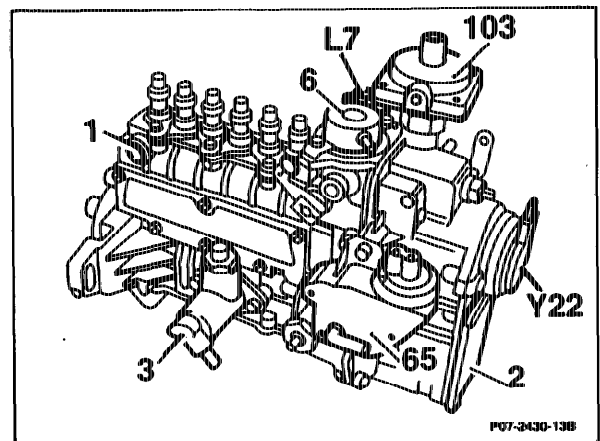
A pressure switch is installed in the charge air pipe as an overload protection of the mechanical parts of the engine. In the event that the charge pressure rises to above 1.1 ± 0.15 bar gauge pressure, air is admitted to the ALDA unit through the switchover valve and the fuel quantity is limited to that of a naturally aspirated engine.



- A Naturally aspirated engine quantity (P = 1050 mbar)
 B Full load quantity with turbocharging

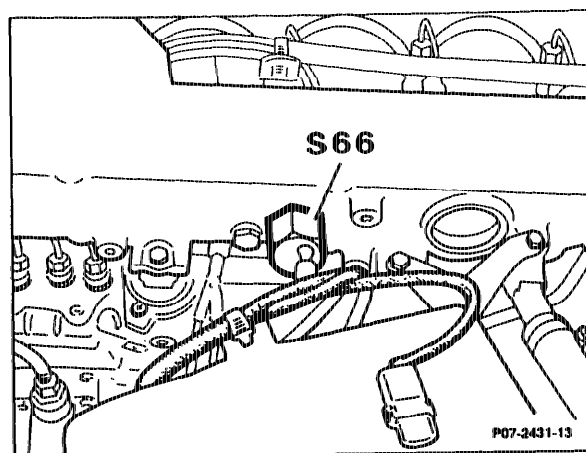
Location of Components

- 1 Injection pump
- 2 Governor
- 3 Fuel pump
- 6 Stop unit
- 65 Vacuum control valve
- 103 ALDA unit
- Y22 Actuator



- Y30 Switchover valve, engine overload protection

S66 Switch, engine overload protection



Pressure, vacuum diagrams (refer to 07.1-0500).

Wiring diagrams (refer to 07.1-0400).