

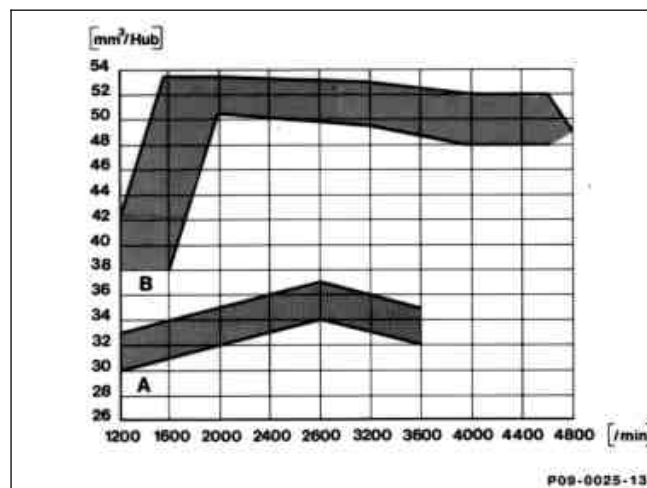
V. Engine overload protection

Note

Engines with boost pressure control (P2 control) do not as a general rule have an engine overload protection.

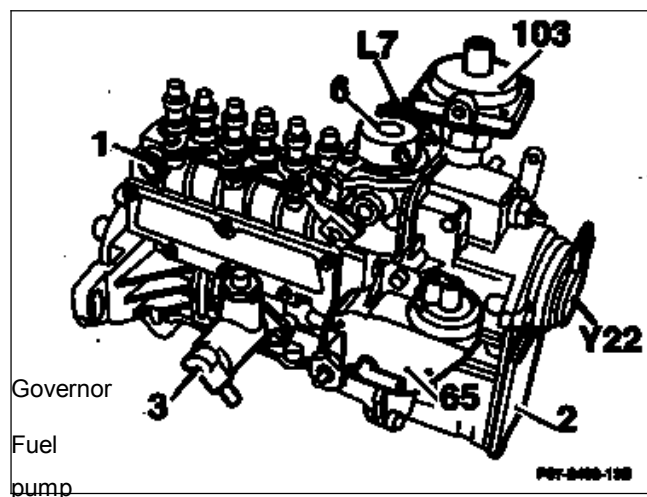
A pressure switch is fitted in the charge air pipe for overload protection of mechanical parts of the engine. If the charge pressure rises above 1.1 ± 0.15 bar gauge pressure, air is admitted to the ALDA unit through the switchover valve and the quantity of fuel is limited to that of a naturally aspirated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

- A Full load quantity without charge pressure (P=1050 mbar)
- B Full load quantity with charge pressure



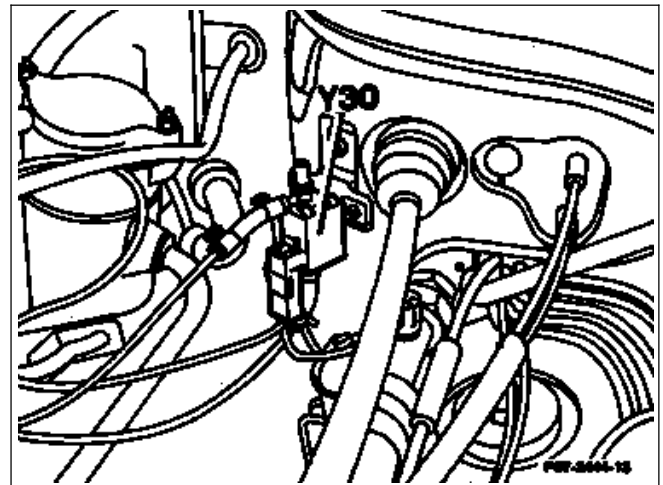
Location of components

- 1 Injection pump
- 2
- 3

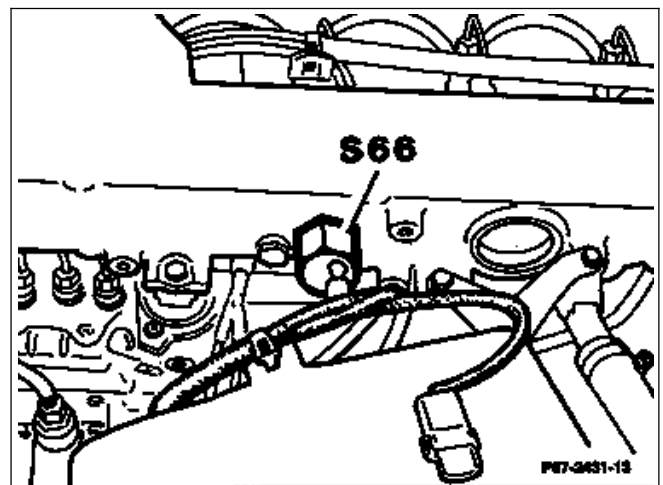


6	Stop unit
103	ALDA unit
Y22	Actuator

Y30 Switchover valve, engine
overload protection



S66 Switch, engine
overload protection



Engine 602.962, 603.960/963

Discontinuation of engine overload protection.

Production breakpoint: as of January 1993

Model	Engine	Engine end no. Manual transmission	Engine end no. Automatic transmission
124.128/188	602.962	027382	-
124.333/393	603.963	-	004004

Production breakpoint: as of February 1993

Model	Engine	Engine end no. Automatic transmission
124.128/188	602.962	017181
124.133/193	603.960	046668