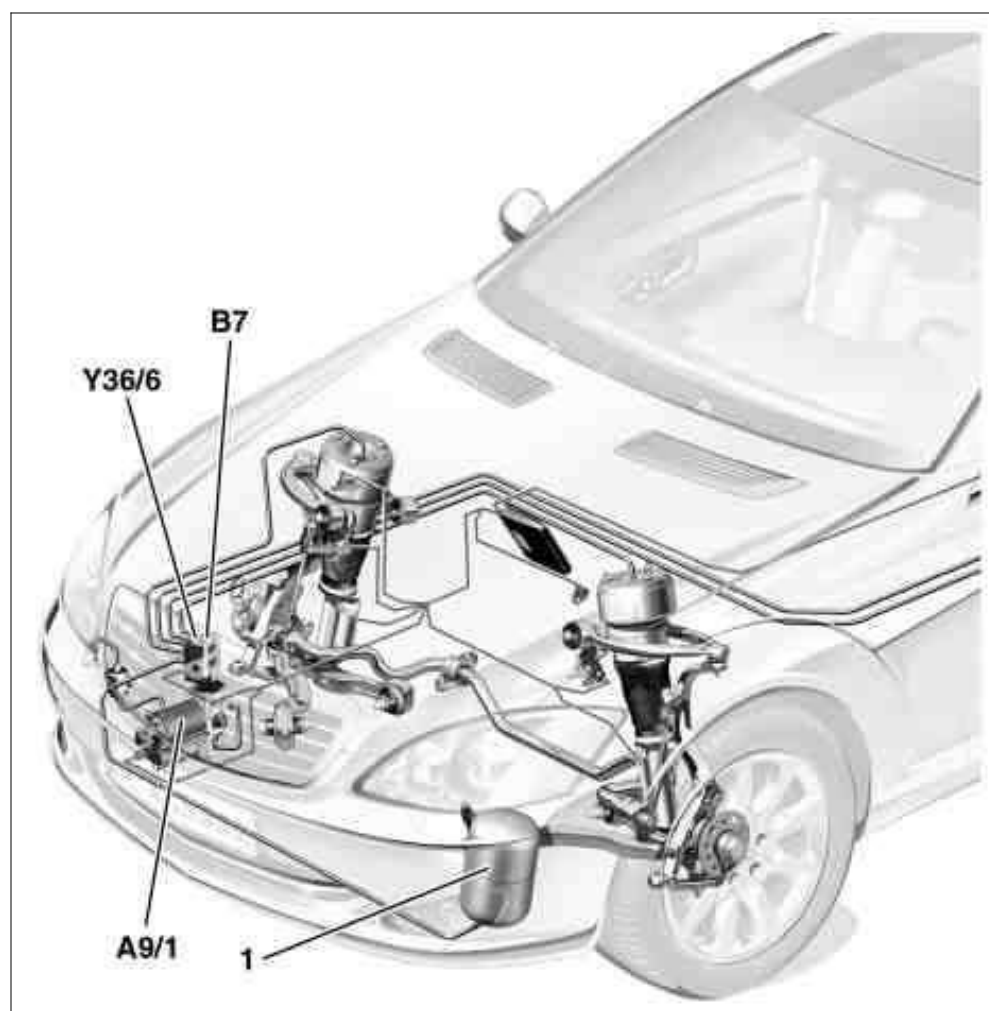


Document title Pressure supply, function

Document number gf3222p4010sx

MODEL 221
with CODE (489) Airmatic (semi-active air suspension)
up to Model Year 8

- 1 AIRmatic central reservoir
- A9/1 AIRmatic compressor unit
- B7 AIRmatic pressure sensor
- Y36/6 Level control valve unit



P32.22-2371-12

In normal driving mode the AIRmatic system operates with different pressures depending on the load. An electrical air compressor is used for pressure supply. This compressor and a drain valve are integrated in the AIRmatic compressor unit.

The level control valve unit distributes the air pressure to the individual suspension struts of the front and rear axle.

The following are integrated in the level control valve unit:

- The AIRmatic central reservoir charge valve
- Four level valves
- The AIRmatic pressure sensor

The system has an AIRmatic central reservoir in which compressed-air is stored in order to permit shorter reaction times.

The storage pressure is monitored by the AIRmatic pressure sensor.

The system is supplied with pressure either via the AIRmatic central reservoir or via the air compressor.

	Central reservoir component description		GF32.22-P-5102SX
	Compressor unit, component description		GF32.22-P-5103SX
	Pressure sensor, component description		GF32.22-P-5104SX
	Level control valve unit, component description		GF32.31-P-5115SX