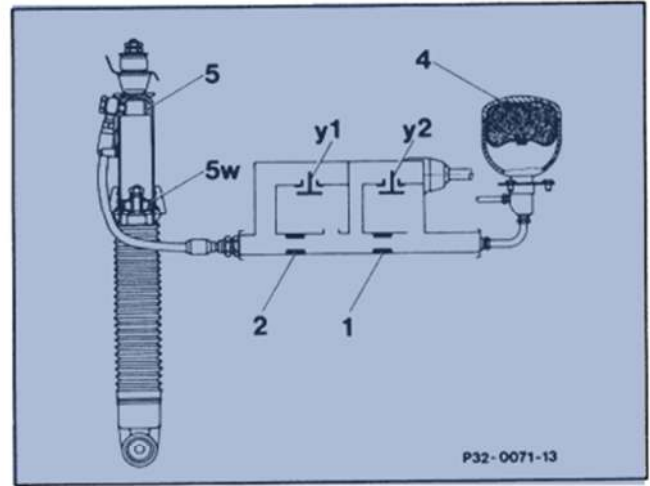


- 1 Damping piston = stiff discs
- 2 Damping piston = softer discs
- 4 Suspension pressure reservoir
- 5 Suspension strut
- 5w Piston
- y1 Solenoid valve
- y2 Solenoid valve



If the ADS system is not operating (solenoid valves not energized), the spring-loaded solenoid valves remain closed causing the oil to press through both damping pistons, which results in the firmest setting.

Damping stage	Solenoid valve y1	Solenoid valve y2
1 (comfort)	open	open
2 (soft)	closed	open
3 (normal)	open	closed
4 (firm)	closed	closed

## Damping valve units

The damping valve unit is installed between the suspension strut and the suspension pressure reservoir. It contains two valves (y1, y2) and two damping pistons (1, 2).

The solenoid valves have the same flow rate, however, the damping pistons (1 and 2) have different size orifices.

