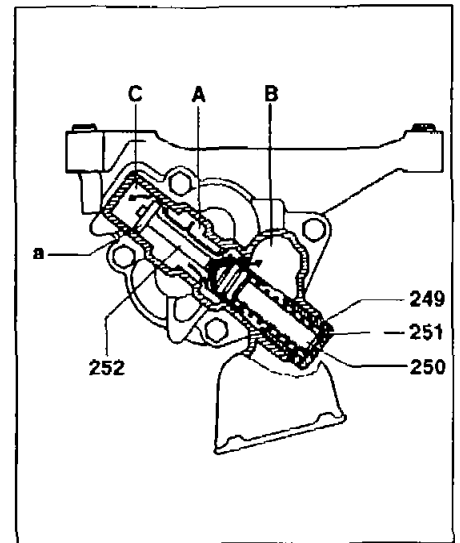


ENGINE 601, 602, 603 (except, 602.982)

- 249 Screw plug
- 250 Filler pin
- 251 Spring
- 252 Piston
- A Pressure chamber
- B Suction chamber
- C Damping chamber
- a Flat on piston



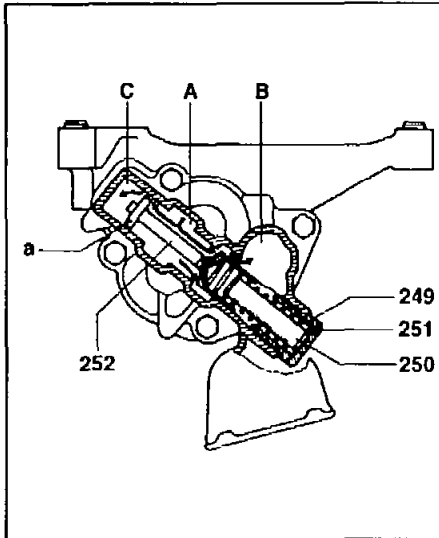
P18.10-0252-02

| GF | Position |   | GF18.10-P-1101-01A<br>GF18.10-P-1101A/2 |
|----|----------|---|---|
|    | Function | <p>The oil is drawn off at the lowest point in the oil pan through the strainer to the suction chamber (B). From here, the oil flows through the gears to the pressure chamber (A) and on into the main oil gallery to the filter.</p> <p>From an oil pressure of 5.8 bar, the piston (252) is pushed against the compression spring (251) and opens the control drilling (arrows) to the suction chamber (B).</p> <p>At the same time, the oil flows past two flats provided at the collar (a) into the damping chamber (C). This oil counters the pulsating oil pressure and results in a damping of the piston.</p> <p><b>1</b> As of 11/1995 a control drilling is provided in the oil pump cover of engine 603.960 for reducing noise.</p> |   |



|                    |                                 |  |  |
|--------------------|---------------------------------|--|--|
| GF18.10-P-1101-01A | Oil overpressure valve position |  |  |
|--------------------|---------------------------------|--|--|

The oil overpressure valve is installed in the oil pump.



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