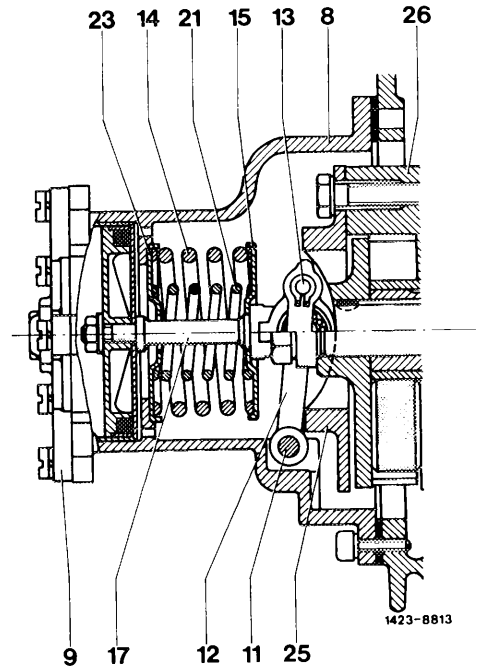


Model 116.1

Layout piston vacuum pump

- 8 Pump housing
- 9 Pump cover
- 11 Rocker arm shaft
- 12 Rocker arm
- 13 Bearing bolt
- 14 Outer compression spring
- 15 Lower spring retainer
- 17 Piston rod
- 21 Inner compression spring
- 23 Upper spring retainer
- 25 Drive flange with lifting cam
- 26 Sprocket with segment flange

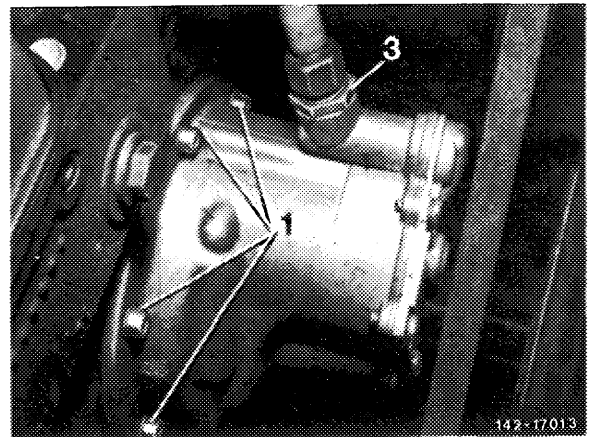


Removal

1 Loosen vacuum line on screw connection (3), while applying counterhold to screw connection.

Note: The screw connection (3) has an oil retaining valve to prevent engine oil from entering brake unit in the event of a stopped pump and available vacuum.

2 Unscrew hex. socket screws (1) from cylinder crankcase and remove vacuum pump including gasket.



Installation

3 Attach vacuum pump to cylinder crankcase using a new gasket on cylinder crankcase.

Note: The thickness of the gasket between cylinder crankcase and vacuum pump amounts to 0.2 mm.

4 Connect vacuum line to vacuum pump.

5 Check vacuum pump for function (42-660).