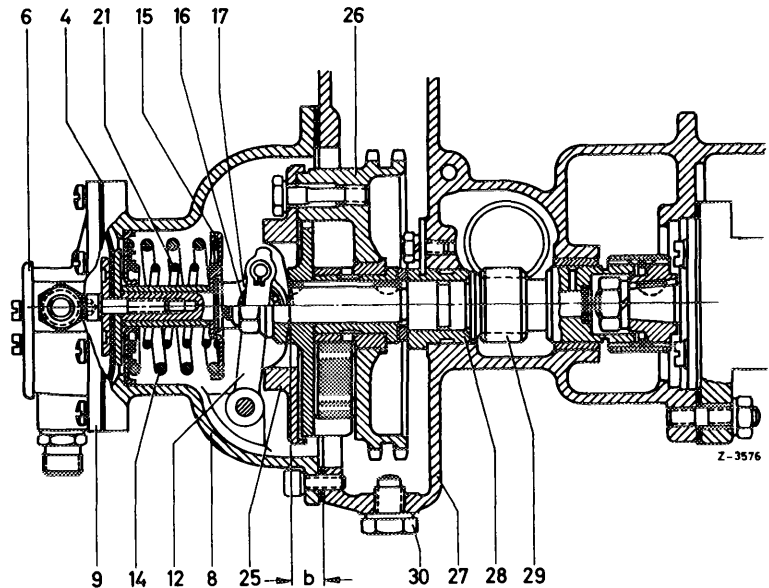


A. Model 115.1

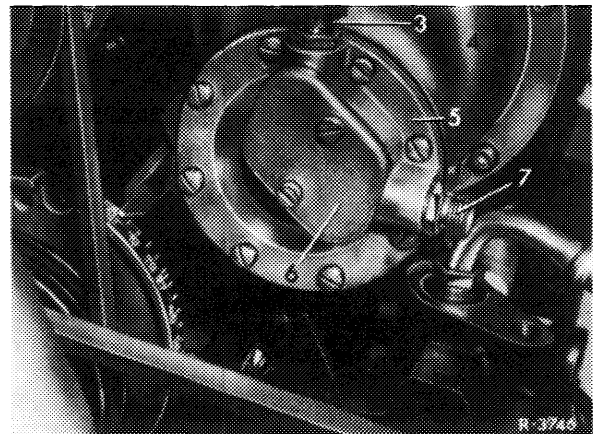
Layout of vacuum pump

- 4 Diaphragm
 - 6 Closing cover
 - 8 Pump housing
 - 9 Pump cover
 - 12 Rocker arm
 - 14 Outer compression spring
 - 15 Lower spring retainer
 - 16 Roller
 - 17 Diaphragm rod
 - 21 Inner compression spring
 - 25 Drive flange with stroke cam
 - 26 Sprocket with segment flange
 - 27 Crankcase
 - 28 Bearing bushing
 - 29 Intermediate gear shaft
 - 30 Locking screw
- b=12.92-13.8



Removal

- 1 Loosen vacuum lines on screw connection (3) and (7) while applying counterhold to screw connection.
- 2 Unscrew hex. socket screws (1) from crankcase and remove vacuum pump including gasket.



Layout of vacuum pump
Part no. 000 435 10 01

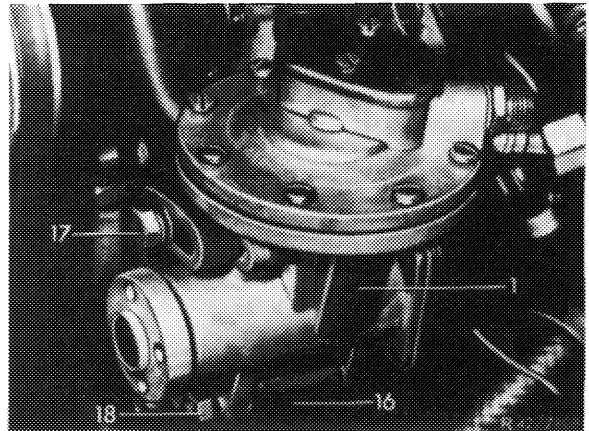
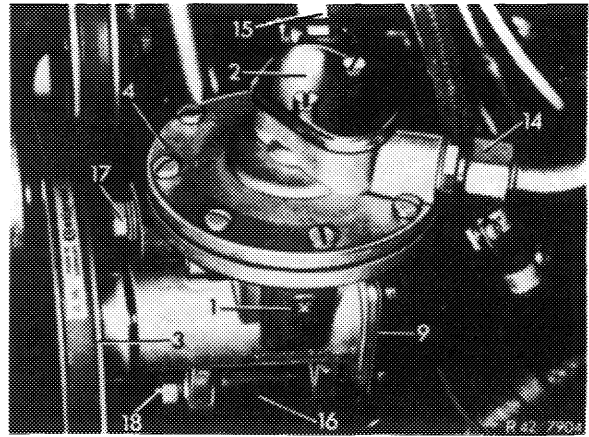
Installation

Note: The vacuum pump part no. 000 435 10 01 is no longer available as a spare part. As a replacement, the vacuum pump of model 123, part no. 000 230 06 65 will be supplied.

B. Model 115.01 USA-version
model year 1973 to 1975

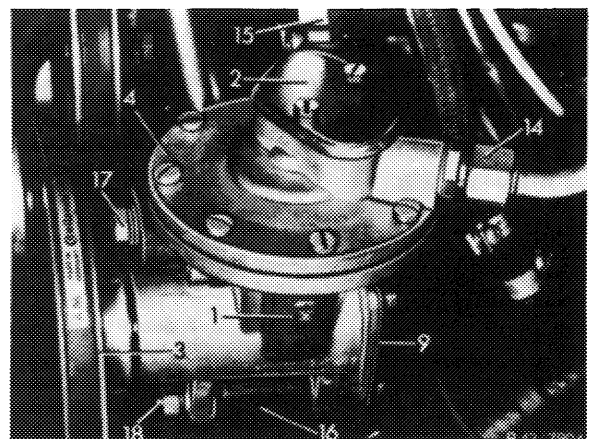
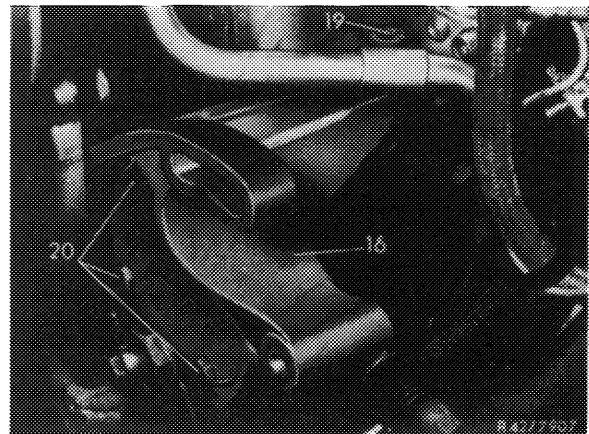
Removal

- 1 Loosen hex. screws (17 and 18) and push vacuum pump (1) toward engine. Remove vee-belt.
- 2 Unscrew hex. socket screws from hub and remove pulley (3).
- 3 Loosen both vacuum lines (14 and 15) on vacuum pump.
- 4 Unscrew hex. screw (17 and 18) and remove vacuum pump.



Installation

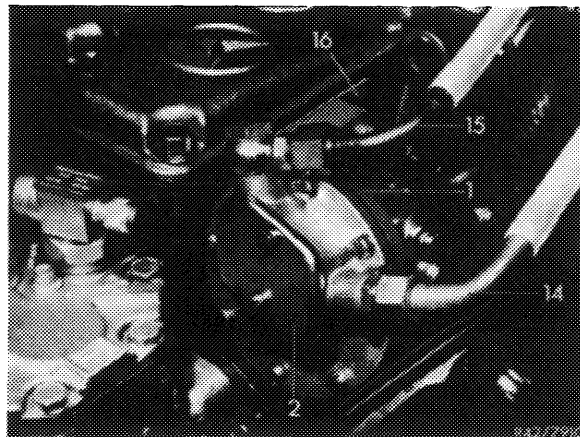
- 5 Tighten hex. screws (20) and hex. socket screw (19) for attaching carrier (16) to cylinder head or crankcase.
- 6 Check oil level in pump drive prior to installing vacuum pump. For this purpose, unscrew filler plug from cover (9). With pump in vertical position, oil should flow out of filler hole. If required, add HD oil SEA 10–30. The refill amounts to 40 cc.
- 7 For further installation proceed vise versa.



C. Models 114.06/07 USA-version
model year 1973 to 1975

Removal

- 1 Loosen both vacuum lines (14 and 15) on vacuum pump.
- 2 Unscrew hex. socket screws from cylinder head and remove vacuum pump (1) with gasket and driver (3).



Installation

- 3 Place driver (3) on drive shaft of vacuum pump and attach pump with a new gasket to cylinder head. Connect vacuum lines with hollow screws and **new sealing rings** (illustration shows former version).

Layout vacuum pump

- 1 Vacuum pump
- 2 Hex. socket screw
- 3 Driver
- 4 Plate spring
- 5 Spacing sleeve
- 6 Bearing point
- 7 Camshaft gear
- 8 Woodruff key
- 9 Camshaft
- 10 Camshaft housing

