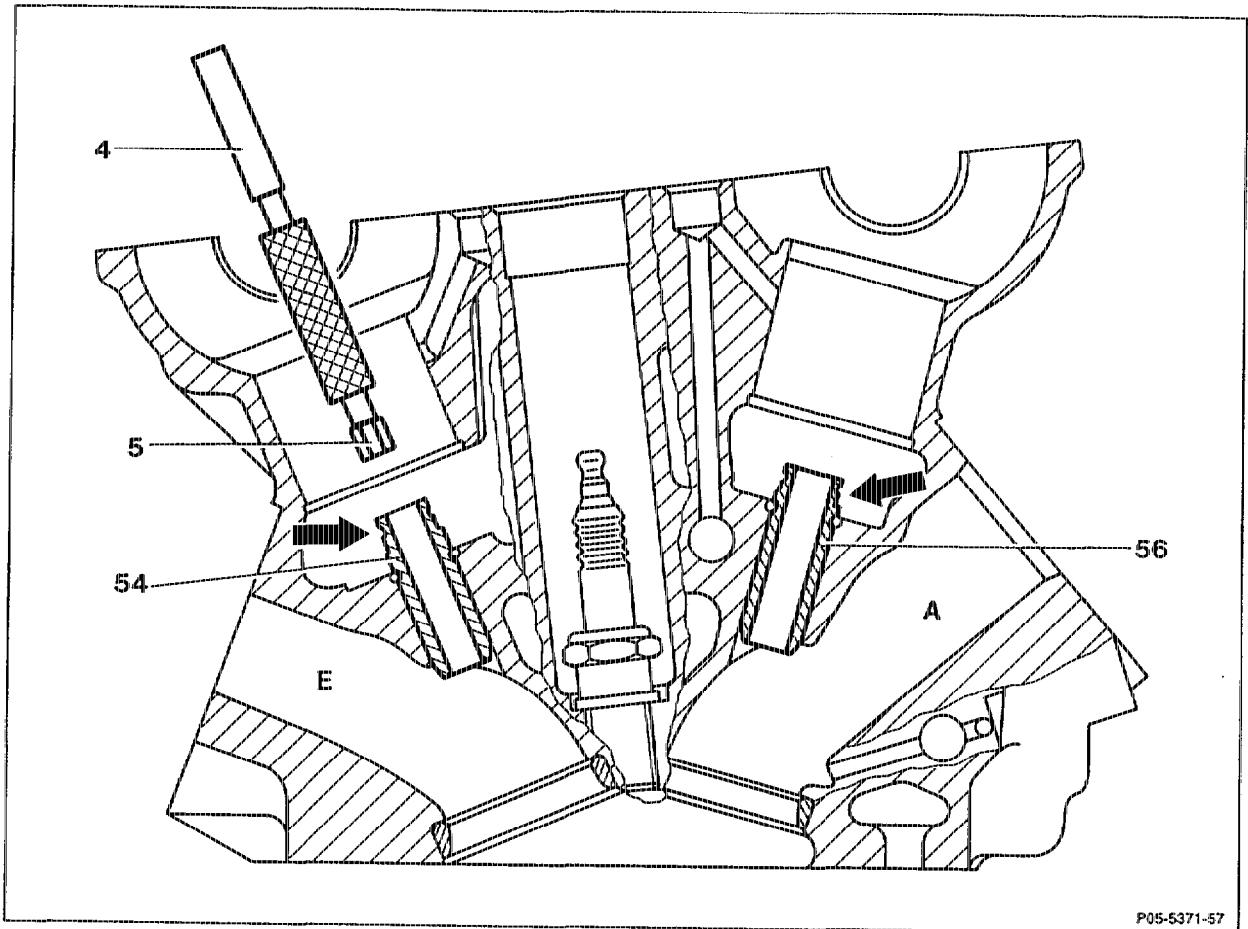


05-2845 Checking valve guides

Preceding work:
Cylinder head removed.
Valves removed.



Left cylinder head, engine 119.960

Inlet, exhaust valve guide (54) and (56) in longitudinal and transverse direction

check with gauging drift (4).

Gauging drift 102 589 00 23 00 inlet valve guide dia. 8 mm.

Gauging drift 117 589 03 23 00 exhaust valve guide dia. 9 mm.

Gauging drift 102 589 01 23 00 inlet, exhaust valve guide dia. 7 mm.

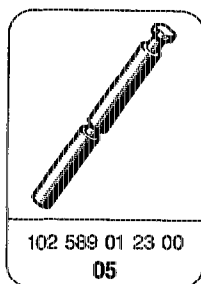
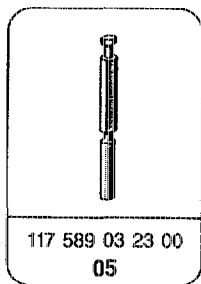
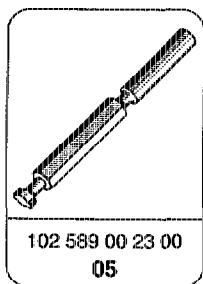
When performing this step, check whether the "no go" stud (5) with the wear limit (+220) can be inserted into the valve guides (54) and (56) over its entire length (5 mm). If the gauging drift (5) can be inserted over its entire length, replace valve guide (05-2850).

Retaining groove (arrows) of valve stem seal
on valve guides (54) and (56)

check.

If the retaining groove is worn (arrows) with
result that the valve stem seal is no longer
tightly seated, replace valve guide (05-2850).

Special tools



Note

Engine 119.96: as of engine end no. 011931
inlet and exhaust valve guides with ID 7 mm
have been fitted.

Engine 119.97: as of start of production inlet and
exhaust valve guides with ID 7 mm have been
fitted.