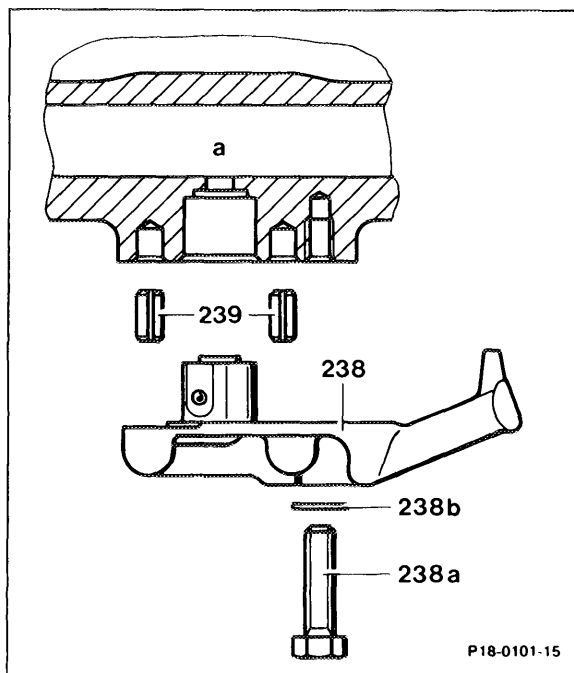


18-040 Removal and installation of oil spray nozzles

Preceding work:
Oil pan removed (01-310).



Hex. bolt (238a)	unbolt, bolt in, 10 Nm.
Oil spray nozzle (238)	take off, fit on.

Note

To remove, position crankshaft so that the oil spray nozzle is accessible; do not tilt oil spray nozzle and do not grasp at the nozzle neck. Cover over oil feed bores. Replace oil spray nozzles which have a sharply out-of-round nozzle bore or formation of flash at the nozzle outlet. Blow through oil spray nozzle with compressed air in flow direction of oil. Do not use any hard objects for cleaning. Position oil spray nozzle vertical to the mating surface on the crankcase and press into place.

Caution!

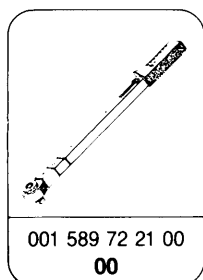
The oil spray nozzles of the naturally aspirated engines (with exhaust gas recirculation and engine 603.970) must not be confused with those of the turbo engines, which have a different spray direction.

Tightening torques

Nm

Hex. bolt of oil spray nozzle

10

Special tool**Note**

Since 11/88 die-cast oil spray nozzles have been fitted to the naturally aspirated and turbo engines (previously white heart malleable cast iron).

Production breakpoint: 11/88

Model	Engine	Engine End No.		Vehicle Ident End No.	
		manual transmission	automatic transmission	A	F
124.128	602.962	-	000597	*	*
124.133 124.193	603.960	-	019838	*	*
201.128	602.961	-	004767	*	*

* not registered