

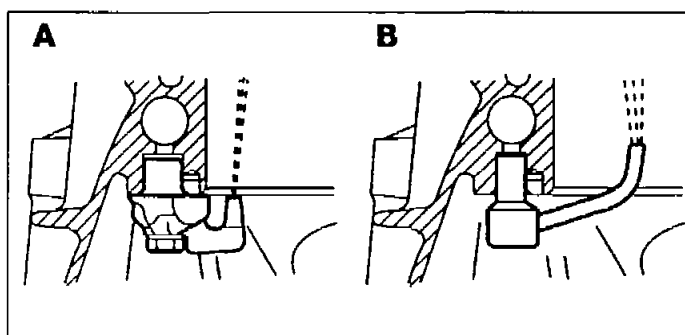
ENGINE 602.96, 603.96 /97

A Oil spray nozzle 1st version (screwed in)

B Oil spray nozzle 2nd version (interference fit)

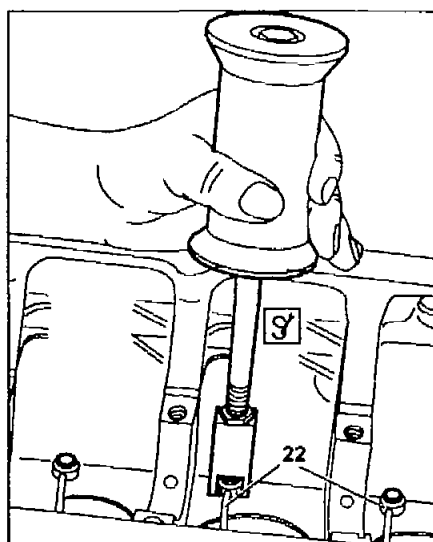
Engine 602.96 as of 01/1995

603.971 as of 11/1994

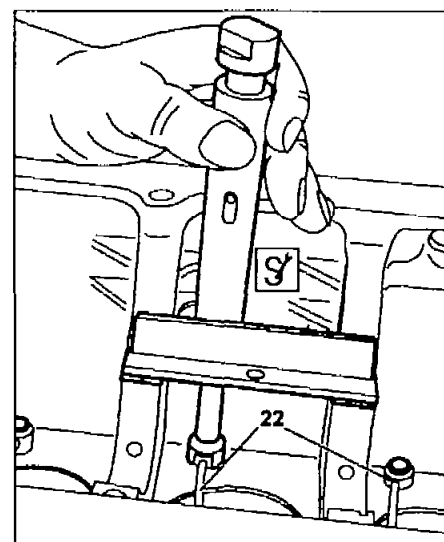


P18.00-0222-10

Illustration shows removal and installation
tool for oil spray nozzle 2nd version



P18.00-0283-02



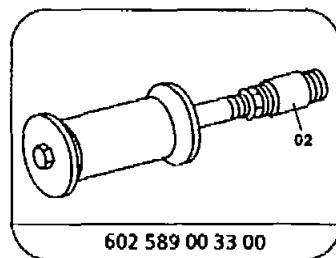
P18.00-0282-02

	Removing, installing		
1	Remove oil pan	Engine 603.963 in model 124 Engine 602.96 in model 124, 201 Engine 603.96/97 in model 124, 126 Engine 603.971 in model 140	AR01.45-P-7500HX AR01.45-P-7500HZ AR01.45-P-7500HY
2	Remove oil pump		18-210
3.1	Remove oil deflector	Engines with oil deflector	
	Removing oil spray nozzles 1st version		
4.1	Remove oil spray nozzles (A)	Oil spray nozzles 1st version Rotate engine at crankshaft so that oil spray nozzle is accessible. Do not twist oil spray nozzle and do not grasp at nozzle neck. Cover over oil feed drillings. Installation: Position oil spray nozzle perpendicular to contact surface on crankcase and press on. Pay attention to dowel sleeves. 	BA18.30-P-1007-01A
	Removing oil spray nozzles 2nd version		
5.1	Remove crankshaft		

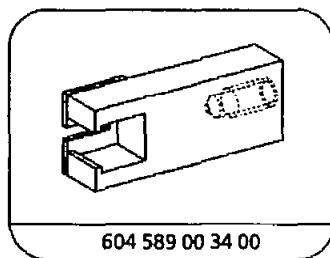
6.1	Remove oil spray nozzles (22)	<p>i Use impact extractor and extraction claw to pull out oil spray nozzle (22) 2nd version, cover over oil feed drillings.</p> <p>S Impact extractor</p> <p>S Extraction claw</p> <p>i Installation: Position new oil spray nozzle (22) perpendicular to contact surface on crankcase and knock in with insertion drift. Use impact head with the marking 602/603. The installation depth is set by the impact head.</p> <p>S Insertion drift</p>	<p>602 589 00 33 00</p> <p>604 589 00 34 00</p> <p>604 589 00 15 00</p>
7	Install in the reverse order		

Nm Oil cooling system

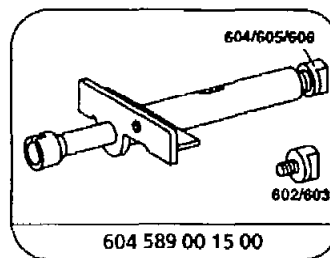
Number	Designation	Engine 601, 602 except 602.98, 603
BA18.30-P-1007-01A	Bolt of oil spray nozzle for cooling pistons to crankcase	Nm 10



Impact extractor



Extraction claw



Insertion drift