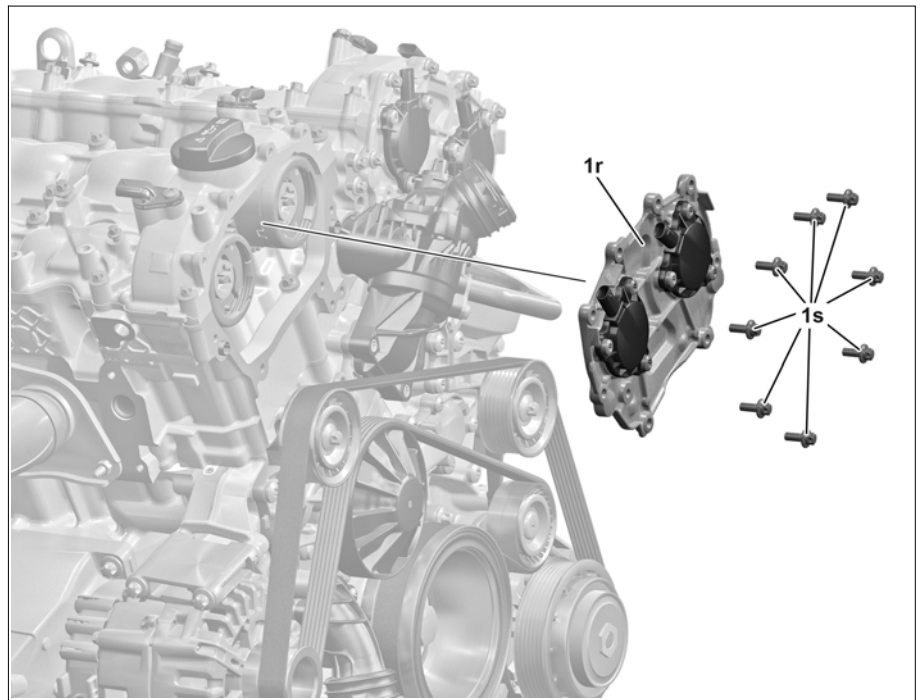


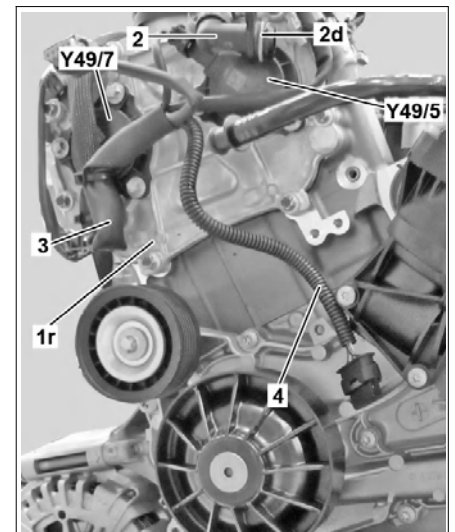
Engine 276.9 in model 212, 218
On the right cylinder head

1r Front cover
1s Screw









P01.20-2265-06

2 Crankcase ventilation
2d Seal
3 Engine wiring harness
4 Electrical line
Y49/5 Right intake camshaft solenoid
Y49/7 Right exhaust camshaft solenoid



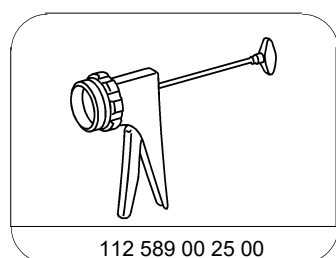
P01.30-2389-02

	Remove/install		
 Warning	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
	Notes on threaded connections with aluminum screws/bolts		AH00.00-P-0006-01RM
1	Remove resonance intake manifold		AR09.20-P-1961EL
2	Remove crankcase ventilation (2)	 Installation: Replace seal (2d).	
3	Disconnect electrical connections on right intake camshaft solenoid (Y49/5) and right exhaust camshaft solenoid (Y49/7)		
4	Unclip electrical line (4) and engine wiring harness (3) on front cover (1r) and set aside		
5	Disconnect electrical connection on right-hand intake camshaft Hall sensor		

6	Unclip ground line on front cover (1r) and set aside		
7	Remove screw/bolts (1s) on front cover (1)	i Installation: Replace screw/bolts (1s). Nm Bolt, front cover to cylinder head/cylinder head cover	*BA01.30-P-1003-01W
8	Carefully loosen front cover (1l) at prying lugs and detach to the front Notes on sealant path for front cover to cylinder head xxx	i Installation: Apply sealant to front cover (1r). Sealant, Loctite 5970, 50 ml S Application gun	AH01.30-P-1000-02MM *BR00.45-Z-1013-01A *112589002500
	Clean		
9	Clean sealing surfaces on cylinder head, on cylinder head cover and on front cover (1r)	! Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7063 (400 ml) cleaning spray	AR01.00-P-0050-01A *BR00.45-Z-1038-04A *BR00.45-Z-1046-04A
10	Detach right intake camshaft solenoid (Y49/5) and right exhaust camshaft solenoid (Y49/7) from front cover (1r)	When replacing the front cover (1r)	AR05.20-P-7295EL
11	Install in the reverse order		
	Check		
12	Check engine oil level; correct if necessary		AP18.00-P-0101CWZ
 Warning	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
13	Carry out engine test run while checking engine for proper operation and oil leaks		

Nm Cylinder head

Number	Designation		Engine 276
BA01.30-P-1003-01W	Bolt, front cover to cylinder head/cylinder head cover	Nm	5



Application gun

Repair materials

Number	Designation	Order number
BR00.45-Z-1013-01A	Sealant, Loctite 5970, 50 ml	A 003 989 98 20 10
BR00.45-Z-1038-04A	Loctite 7200	Henkel AG & Co. KGaA http://www.loctite.de
BR00.45-Z-1046-04A	Loctite 7063 (400 ml) cleaning spray	A 001 986 71 71 09