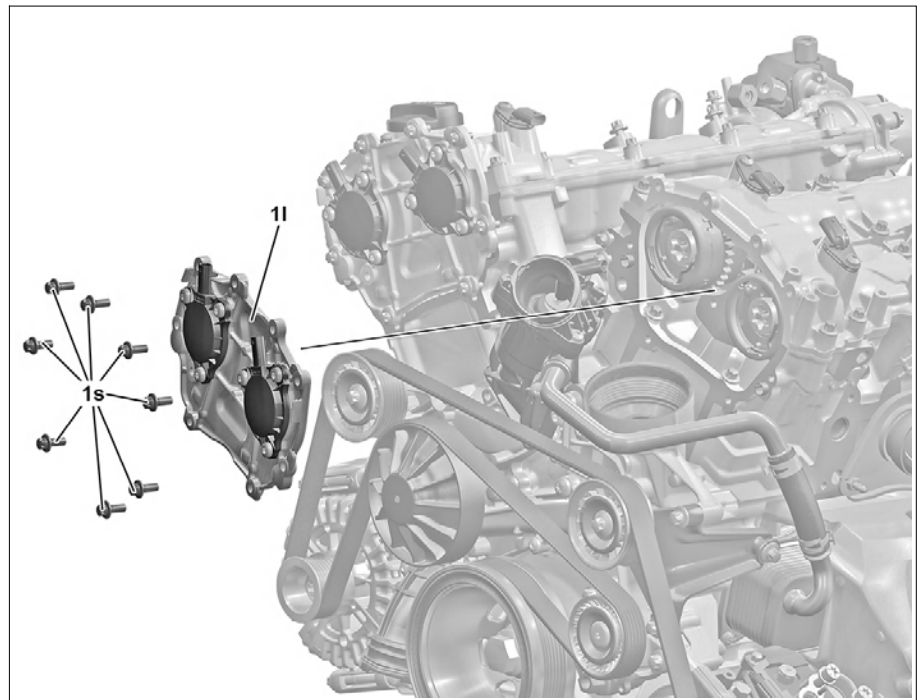


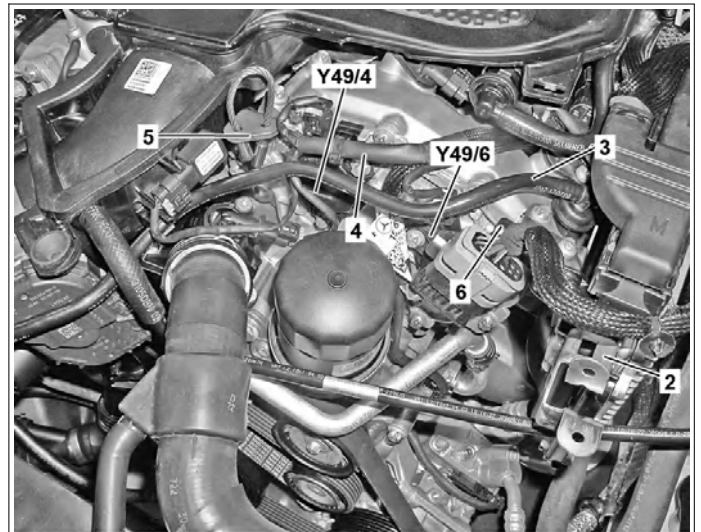
Engine 276.9 in model 212, 218
On the left cylinder head

1l Front cover
1s Screw




















P01.20-2264-06

2 Bracket
3 Crankcase ventilation
4 Electrical line
5 Engine suspension lug
6 Bracket
Y49/4 Left intake camshaft solenoid
Y49/6 Left exhaust camshaft solenoid



P01.30-2381-11

	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 front engine cover		
2	Detach bracket (6) from cylinder head cover and place to one side with attached lines	 Bolt, connector housing holder to control unit holder	*BA07.08-P-1006-01A
3	Remove ME-SFI [ME] control unit from bracket (2) and place to one side with attached lines	ENGINE 276.9	AR07.08-P-7008EL
4	Remove crankcase ventilation (3)	 Installation: Install new sealing rings.	
5	Disconnect electrical connections on left intake camshaft solenoid (Y49/4) and left exhaust camshaft solenoid (Y49/6)		

6	Unclip electrical line (4) on front cover (1l) and set aside		
7	Disconnect electrical connections on coolant thermostat heating element and on pressure sensor downstream of throttle valve actuator		
8 	Remove oil filter element	 Mount, oil filter housing cover  Wrench socket	AP18.00-P-0101-06V *BA18.20-P-1001-01Y *103589020900
9	Loosen screw/bolts for engine suspension lug (5)	 Bolt, lifting eye to front cylinder head	*BA01.30-P-1005-01W
10	Remove screw/bolts (1s) on front cover (1)	 Installation: Replace screw/bolts (1s).  Bolt, front cover to cylinder head/cylinder head cover	*BA01.30-P-1003-01W
11	Carefully loosen front cover (1l) at prying lugs and detach to the front Notes on sealant path for front cover to cylinder head xxx	 Installation: Apply sealant to front cover (1l): ↓ Sealant, Loctite 5970, 50 ml  Application gun	AH01.30-P-1000-02MM *BR00.45-Z-1013-01A *112589002500
	Clean		
12	Clean sealing surfaces on cylinder head, on cylinder head cover and on front cover (1l)	 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
13	Detach left intake camshaft solenoid (Y49/4) and left exhaust camshaft solenoid (Y49/6) from front cover (1l)	When replacing the front cover (1)	AR05.20-P-7295EL
14	Install in the reverse order		
	Check		
15 	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
16	Carry out engine test run while checking engine for proper operation and oil leaks		

 Cylinder head


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

 Cylinder head

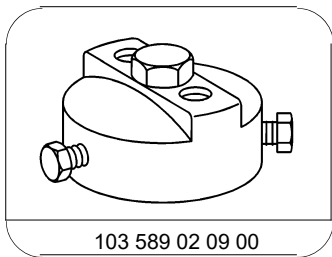
Number	Designation		Engine 276
BA01.30-P-1005-01W	Bolt, lifting eye to front cylinder head	Nm	18

 Control unit

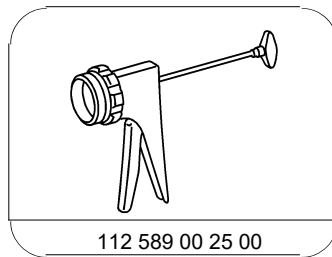
Number	Designation		Engine 276
BA07.08-P-1006-01A	Bolt, connector housing holder to control unit holder	Nm	9

 Oil filter

Number	Designation	Engine 276
BA18.20-P-1001-01Y	Mount, oil filter housing cover	Nm 25



Wrench socket



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