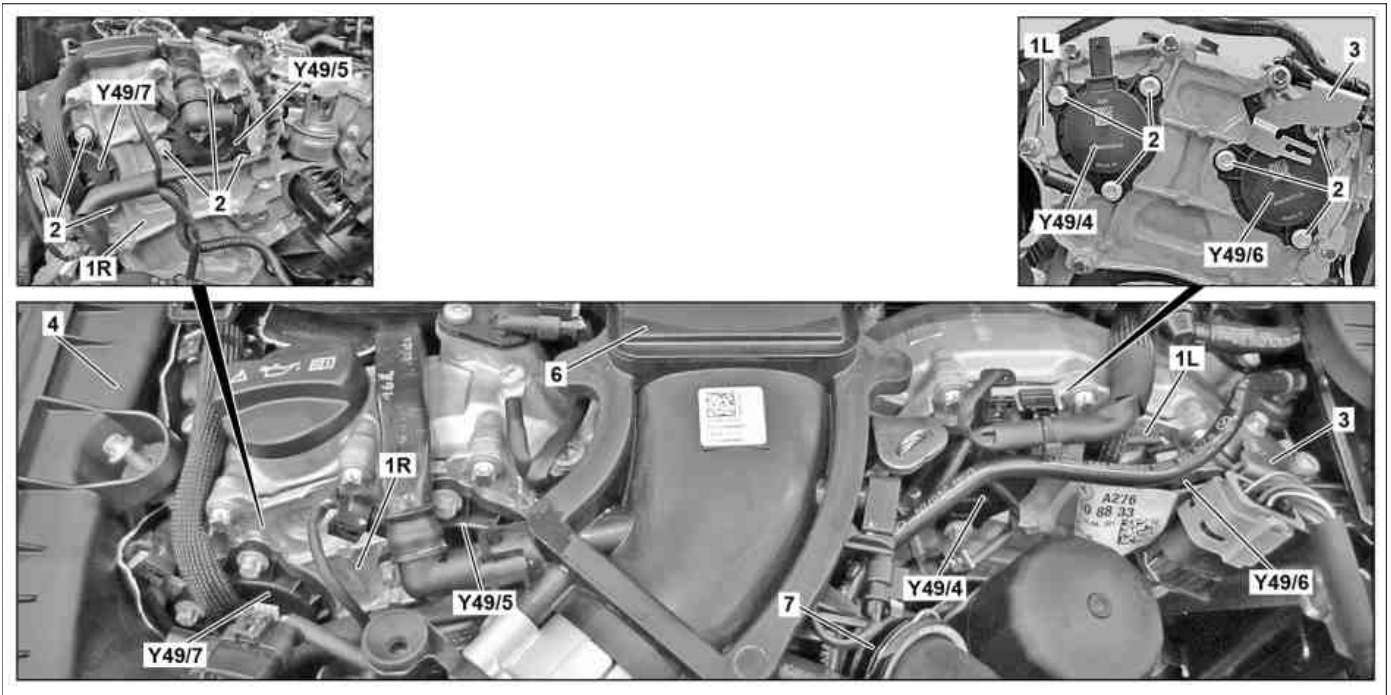


ENGINE 276 in MODEL 212, 218



P05.20-2358-09

Shown on engine 276.9

1L	Front cover on the left	4	Air filter housing	Y49/5	Right intake camshaft solenoid
1R	Front cover on the right	6	Intake manifold	Y49/6	Left exhaust camshaft solenoid
2	Screw/bolts	7	Thermostat housing	Y49/7	Right exhaust camshaft solenoid
3	Bracket	Y49/4	Left intake camshaft solenoid		

⚠ Danger !	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
🔧 🛠	Remove/install		
1.1	Remove engine cover	ENGINE 276.8 in MODEL 212, 218	
1.2	Remove front engine cover	ENGINE 276.9 in MODEL 212, 218	
	Remove LH exhaust camshaft solenoid (Y49/6)		
2	Disconnect electrical connection from left exhaust camshaft solenoid (Y49/6)		
3	Detach engine wiring harness bracket (3) on cylinder head cover	ENGINE 276.9 in MODEL 212, 218	
		Nm Bolt, connector housing holder to control unit holder	*BA07.08-P-1006-01A
4	Detach screw/bolts (2) and LH exhaust camshaft solenoid (Y49/6) from left front cover (1L)	i Installation: Replace screw/bolts (2) and sealing ring.	
		Nm Screw/bolt, camshaft solenoid to front cover on cylinder head	*BA05.20-P-1008-02A
	Remove LH intake camshaft solenoid (Y49/4)		
5	Unclip engine wiring harness on LH front cover (1L)	ENGINE 276.9 in MODEL 212, 218	
6	Disconnect electrical connection on thermostat housing (7)		
7	Disconnect electrical connection from left intake camshaft solenoid (Y49/4)		

8	Detach screw/bolts (2) and LH intake camshaft solenoid (Y49/4) from right front cover (1L)	<p>i Installation: Replace screw/bolts (2) and sealing ring.</p> <p>Nm Screw/bolt, camshaft solenoid to front cover on cylinder head</p>	*BA05.20-P-1008-02A
	Remove RH intake camshaft solenoid (Y49/5)		
9	Remove air filter housing (4)	<p>ENGINE 276.9 in MODEL 212, 218</p> <p>Nm Bolt, air filter to cylinder head cover</p> <p>Nm Bolt, air filter to air intake pipe support brace</p>	*BA09.10-P-1001-01M *BA09.10-P-1002-01M
10	Remove intake manifold (6)	ENGINE 276.9 in MODEL 212, 218	AR09.20-P-1961EL
11	Disconnect electrical connection on right intake camshaft solenoid (Y49/5)		
12	Detach screw/bolts (2) and LH intake camshaft solenoid (Y49/5) from right front cover (1R)	<p>i Installation: Replace screw/bolts (2) and sealing ring.</p> <p>Nm Screw/bolt, camshaft solenoid to front cover on cylinder head</p>	*BA05.20-P-1008-02A
	Remove RH exhaust camshaft solenoid (Y49/7)		
13	Detach low-temperature circuit expansion reservoir with carrier and with attached coolant lines to one side and fix in place.	ENGINE 276.8 in MODEL 212, 218	AR09.41-P-0002ELS
14	Remove air filter housing (4)	<p>ENGINE 276.9 in MODEL 212, 218</p> <p>Nm Bolt, air filter to cylinder head cover</p> <p>Nm Bolt, air filter to air intake pipe support brace</p>	*BA09.10-P-1001-01M *BA09.10-P-1002-01M
15	Disconnect electrical connection from right exhaust camshaft solenoid (Y49/7)		
16	Detach and set aside engine wiring harness from right front cover (1R)	ENGINE 276.9 in MODEL 212, 218	
17	Detach screw/bolts (2) and RH exhaust camshaft solenoid (Y49/7) from right front cover (1R)	<p>i Installation: Replace screw/bolts (2) and sealing ring.</p> <p>Nm Screw/bolt, camshaft solenoid to front cover on cylinder head</p>	*BA05.20-P-1008-02A
18	Install in the reverse order		
19	Check engine oil level; correct if necessary		AP18.00-P-0101CWZ
20	Read out fault memory using the diagnostic system and clear if necessary		AD00.00-P-2000-04A
21	<p>⚠ Danger !</p> <p>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.</p> <p>Carry out an engine test run, checking the engine for proper operation and leaktightness</p>	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

Nm Camshaft, camshaft adjustment

Number	Designation		ENGINE 276
BA05.20-P-1008-02A	Screw/bolt, camshaft solenoid to front cover on cylinder head	Nm	5

Nm Control unit

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

Nm Air filter

Number	Designation		ENGINE 276.9
BA09.10-P-1001-01M	Bolt, air filter to cylinder head cover	Nm	9

Nm Air filter

Number	Designation		ENGINE 276.9
BA09.10-P-1002-01M	Bolt, air filter to air intake pipe support brace	Nm	9