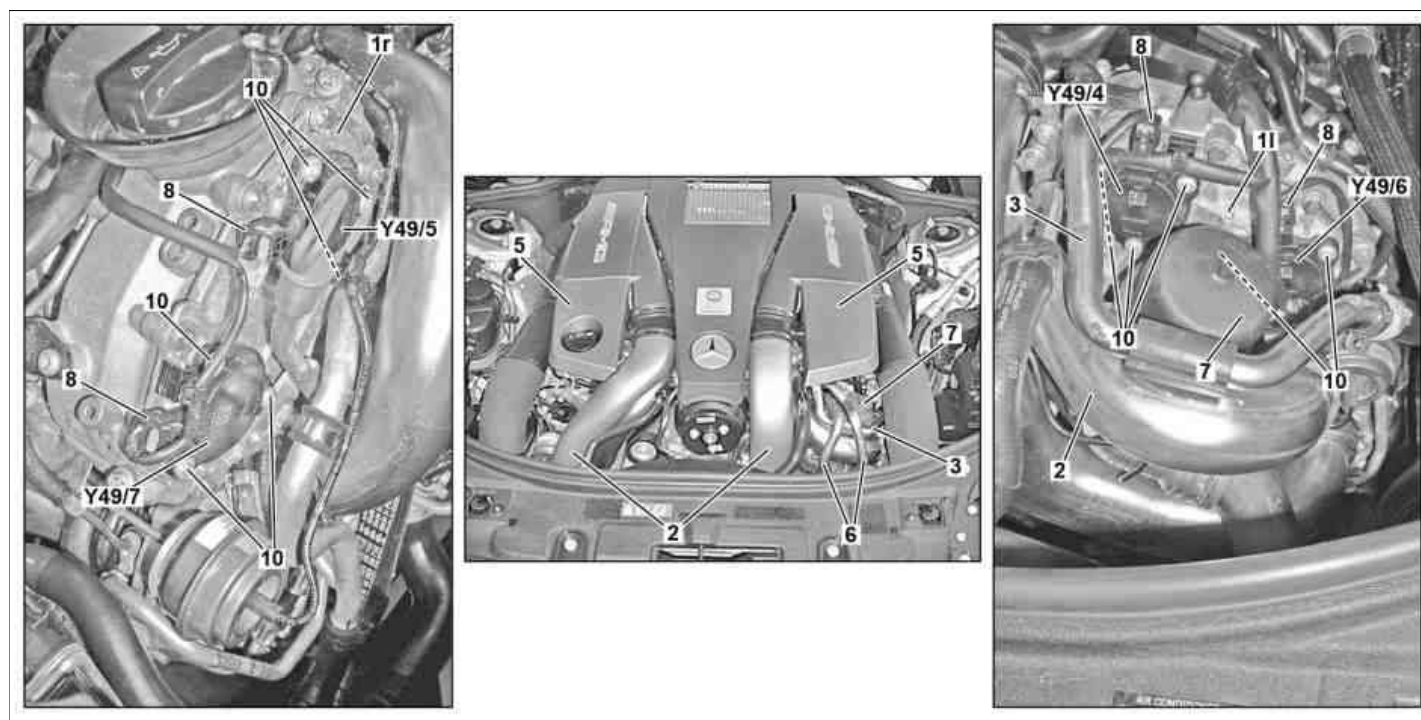


Engine 157, 278 in model 212, 218

Engine 278 in model 207

Modification notes

21.10.2015	Schraube Stellmagnet Nockenwelle an vorderen Deckel am Zylinderkopf	Motor 157	BA05.20-P-1008-02A
21.10.2015	Schraube Stellmagnet Nockenwelle an vorderen Deckel am Zylinderkopf	Motor 278	BA05.20-P-1008-02A



P05.20-2356-09

Shown on model 218.373 without code 139 (Measures for engine cooling M157/M278)

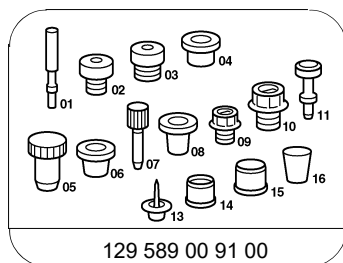
1l	Front cover on the left	6	Engine oil cooling oil lines	Y49/4	Left intake camshaft solenoid
1r	Front cover on the right	7	Oil filter housing cover	Y49/5	Right intake camshaft solenoid
2	Upper charge air duct	8	Electrical connection	Y49/6	Left exhaust camshaft solenoid
5	Engine covers	10	Screw/bolts	Y49/7	Right exhaust camshaft solenoid

	Remove/install		
	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
1	Remove engine covers (5)		
2	Remove right upper charge air duct (2)	Only for removal of the right intake camshaft solenoid (Y49/5)	AR09.41-P-8620ELB
3	Remove oil filter housing	Vehicles with code (139) Measures for engine cooling for removal of the left intake camshaft solenoid (Y49/4)	AR18.20-P-3471ELB
		Seal openings using stop plugs.	

		<p>i Installation: Replace sealing rings for engine oil cooling oil lines (6) and clean connection area.</p> <p>S Record plug</p>	*129589009100
4	Detach oil filter housing cover (7)	<p>Only for removal of the left exhaust camshaft solenoid (Y49/6)</p> <p>Engine 278 in model 207, 212, 218 Engine 157 in model 212, 218</p> <p>i See engine oil and filter change.</p>	<p>AP18.00-P-0101EW AP18.00-P-0101EWG</p>
5	Disconnect electrical connection (8) from the respective solenoid (Y49/4, Y49/5, Y49/6, Y49/7)		
6	<p>Remove screw/bolts (10) and take out the respective solenoid (Y49/4, Y49/5, Y49/6, Y49/7) from the front cover (11, 1r)</p> <p>Notes on threaded connections with aluminum screws/bolts</p>	<p>i Installation: Replace screw/bolts (10) and sealing ring of the respective camshaft solenoid (Y49/4, Y49/5, Y49/6, Y49/7).</p> <p>i Installation: Tighten to indicated torque using an insert box wrench Hazet 6609 c-E8.</p> <p>Nm Bolt, camshaft solenoid to front cover on the cylinder head</p>	<p>AH00.00-P-0006-01RM</p> <p>*BA05.20-P-1008-02A</p>
7	Install in the reverse order		
	Check		
8	Check engine oil level; correct if necessary	<p>Engine 278 in model 207, 212, 218 Engine 157 in model 212, 218</p>	<p>AP18.00-P-0101EW AP18.00-P-0101EWG</p>
9	Read out fault memory with STAR DIAGNOSIS and clear if necessary		<p>AD00.00-P-2000-04A AS00.00-Z-0005-01A</p>
10	<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.	

Nm Camshaft, camshaft adjustment

Number	Designation			Engine 157	Engine 278
BA05.20-P-1008-02A	Bolt, camshaft solenoid to front cover on the cylinder head	Stage 1	Nm	4	4
		Stage 2	°	60	60



Record plug