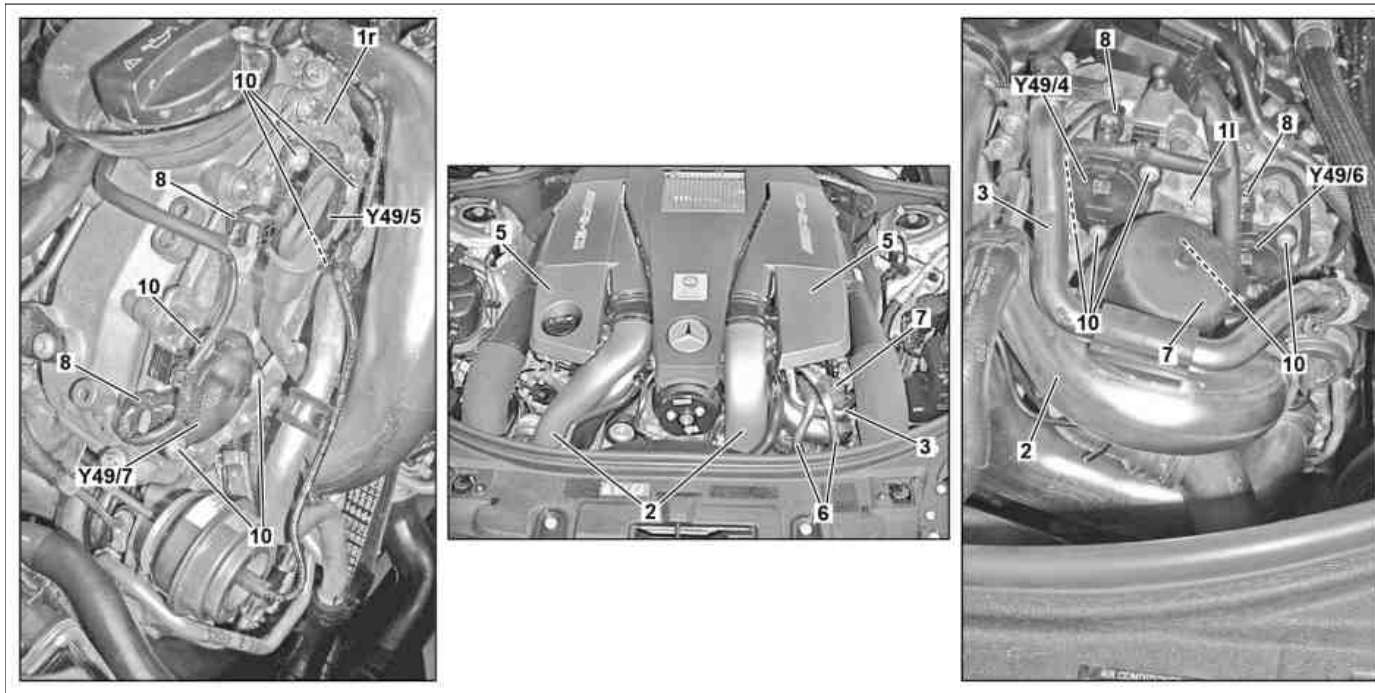


ENGINE 157, 278 in MODEL 212, 218

ENGINE 278 in MODEL 207



P05.20-2356-09

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

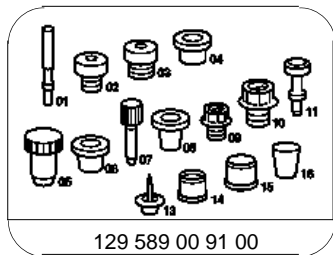
1l	Front cover on the left	6	Engine oil cooling oil lines	Y49/4	Left intake camshaft solenoid
1r	Front cover on the right	7	Oil filter housing cap	Y49/5	Right intake camshaft solenoid
2	Upper charge air duct	8	electrical connection	Y49/6	Left exhaust camshaft solenoid
5	Engine covers	10	Screw/bolts	Y49/7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

	Remove/install		
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
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 to remove the intake camshaft solenoid on the left (Y49/4) Seal openings using stop plugs. Installation: Replace sealing rings for engine oil cooling oil lines (6) and clean connection area. Record plug	AR18.20-P-3471ELB *129589009100
4 AP AP	Detach oil filter housing cover (7)	Only for removal of the left exhaust camshaft solenoid (Y49/6) ENGINE 278 in MODEL 207, 212, 218 ENGINE 157 in MODEL 212, 218 See engine oil and filter change	AP18.00-P-0101EW AP18.00-P-0101EWG
5	Disconnect electrical connection (8) from the respective solenoid (Y49/4, Y49/5, Y49/6, Y49/7)		

6 ⓘ	Remove screw/bolts (10) and take out the respective solenoid (Y49/4, Y49/5, Y49/6, Y49/7) from the front cover (1l, 1r) Notes on threaded connections with aluminum screws/bolts		AH00.00-P-0006-01RM
		i Installation: Replace screw/bolts (10) and sealing ring of the respective camshaft solenoid (Y49/4, Y49/5, Y49/6, Y49/7). i Installation: Tighten to indicated torque using an insert box wrench Hazet 6609 c-E8 . Nm Screw/bolt, camshaft solenoid to front cover on cylinder head	*BA05.20-P-1008-02A
7	Install in the reverse order		
⏪	Check		
8 AP AP	Check engine oil level; correct if necessary	ENGINE 278 in MODEL 207, 212, 218 ENGINE 157 in MODEL 212, 218	AP18.00-P-0101EW AP18.00-P-0101EWG
9 AD	Read out fault memory with STAR DIAGNOSIS and delete if necessary		AD00.00-P-2000-04A
⚠ Danger !	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
10	Carry out an engine test run, checking the engine for proper operation and leaktightness		

Nm Camshaft, camshaft adjustment

Number	Designation		ENGINE 157	ENGINE 278
BA05.20-P-1008-02A	Screw/bolt, camshaft solenoid to front cover on cylinder head	Nm	5	5



Record plug