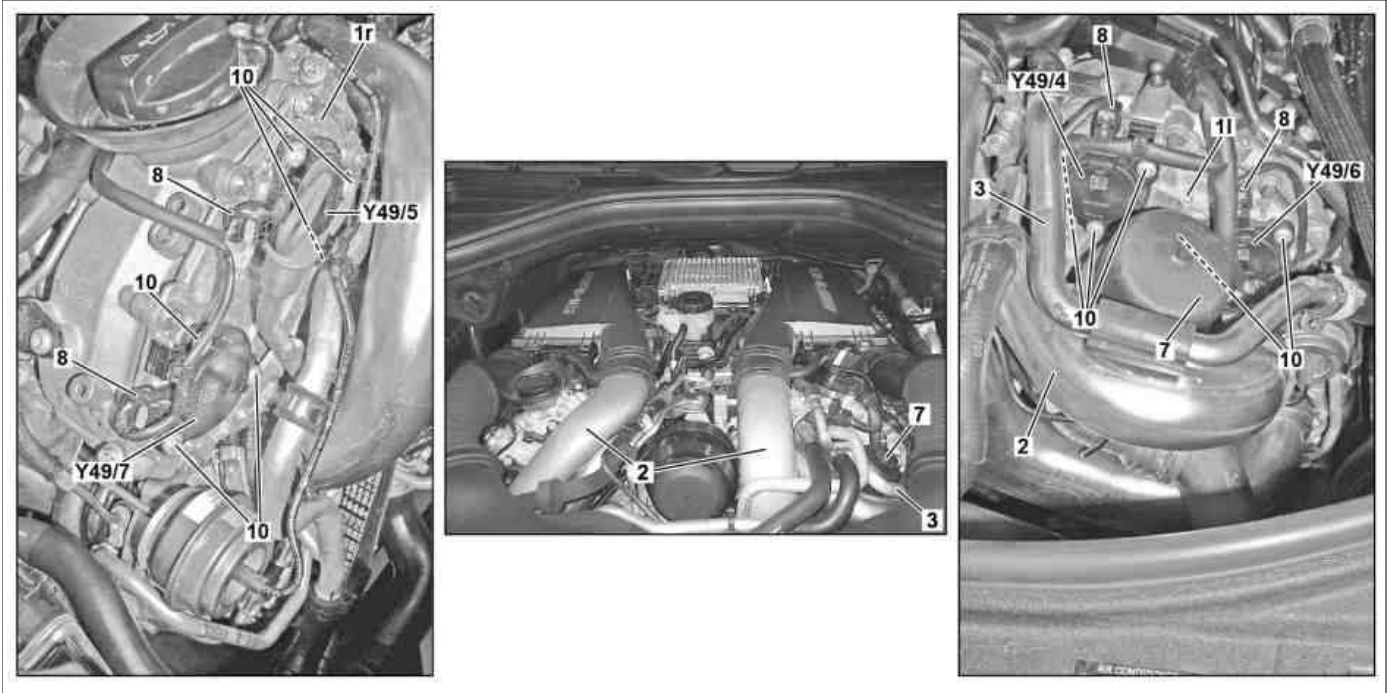


Engine 157, 278 in model 166

Engine 157, 278 in model 292

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






P05.20-2375-09

Shown on model 218.373

1	Front cover on the left	7	Oil filter housing cover	Y49/5	Right intake camshaft solenoid
1r	Front cover on the right	8	Electrical connections	Y49/6	Left exhaust camshaft solenoid
2	Air ducts	10	Screw/bolts	Y49/7	Right exhaust camshaft solenoid
3	Hydraulic pump feed line	Y49/4	Left intake camshaft solenoid		

 	Remove/install		
1	Remove upper engine covers		
2	Remove both upper air ducts (2)		AR09.41-P-8620MLJ
3	Remove oil filter housing	When removing the camshaft solenoid (Y49/4) on left cylinder head. Engine 157, 278 in model 166 Engine 157, 278 in model 292	AR18.20-P-3471MLJ
4	Detach hydraulic pump feed line (3) from cylinder head cover and from left front cover (1l)	For removal of the camshaft solenoids (Y49/4) on the left cylinder head.	
5	Detach oil filter housing cover (7)	For removal of the camshaft solenoids (Y49/6) on left cylinder head. Engine 278 in model 166, 292 Engine 157 in model 166, 292	AP18.00-P-0101EL AP18.00-P-0101EWG
6	Disconnect electrical connection (8) from respective solenoid (Y49/4, Y49/5, Y49/6, Y49/7)		
7	Remove screw/bolts (10) and take out the respective solenoid (Y49/4, Y49/5, Y49/6, Y49/7) from the left or right front cover (1l, 1r)	 Installation: Replace screw/bolts (10) and sealing ring of the camshaft solenoid (Y49/4, Y49/5, Y49/6, Y49/7).	

		i Installation: Torque controlled tightening Nm Bolt, camshaft solenoid to front cover on the cylinder head	*BA05.20-P-1008-02A
8	Install in the reverse order		
	Check		
9	Read out fault memory using the diagnostic system and clear if necessary		
			AD00.00-P-2000-04A
10	Check engine oil level; correct if necessary	Engine 278 in model 166, 292 Engine 157 in model 166, 292	AP18.00-P-0101EL AP18.00-P-0101EWG
	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. Carry out an engine test run, checking the engine for proper operation and leaktightness	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
11			
12	Read out fault memory using the diagnostic system and delete	If necessary	
			AD00.00-P-2000-04A

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