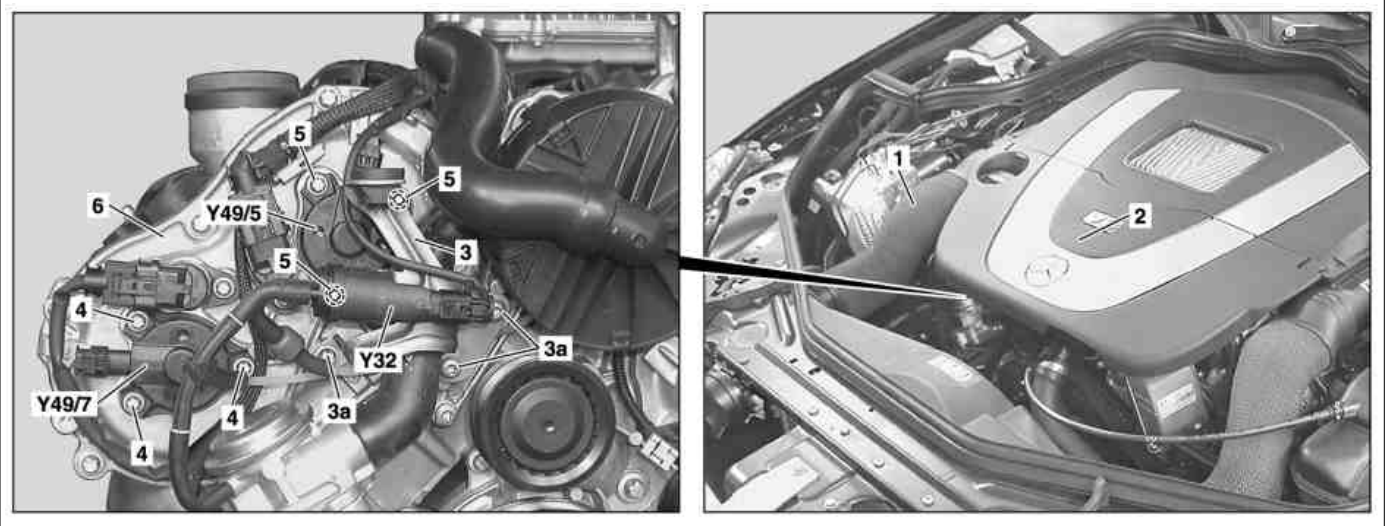


ENGINE 272, 273 in MODEL 211, 219

Right cylinder head



P01.30-2246-08

Shown on engine 272.964

- 1 Intake air duct
- 2 Front engine cover
- 3 Bracket
- 3a Screwing

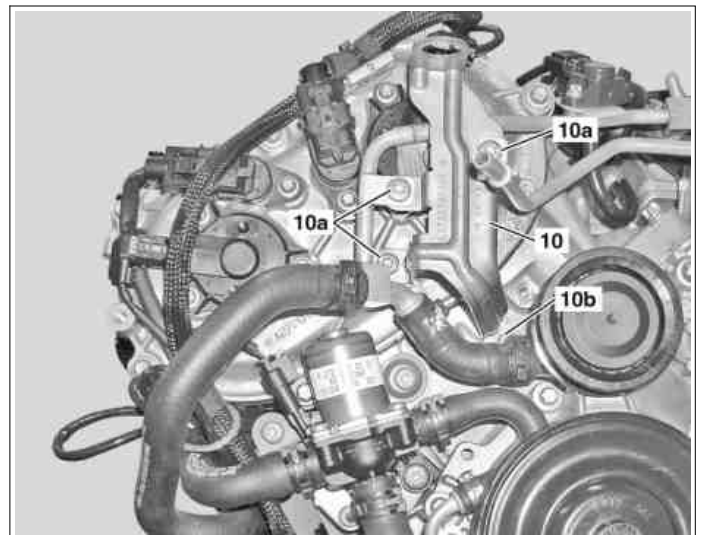
- 4, 5 Screwing
- 6 Front cover

- Y49/5 Right intake camshaft solenoid
- Y49/7 Right exhaust camshaft solenoid

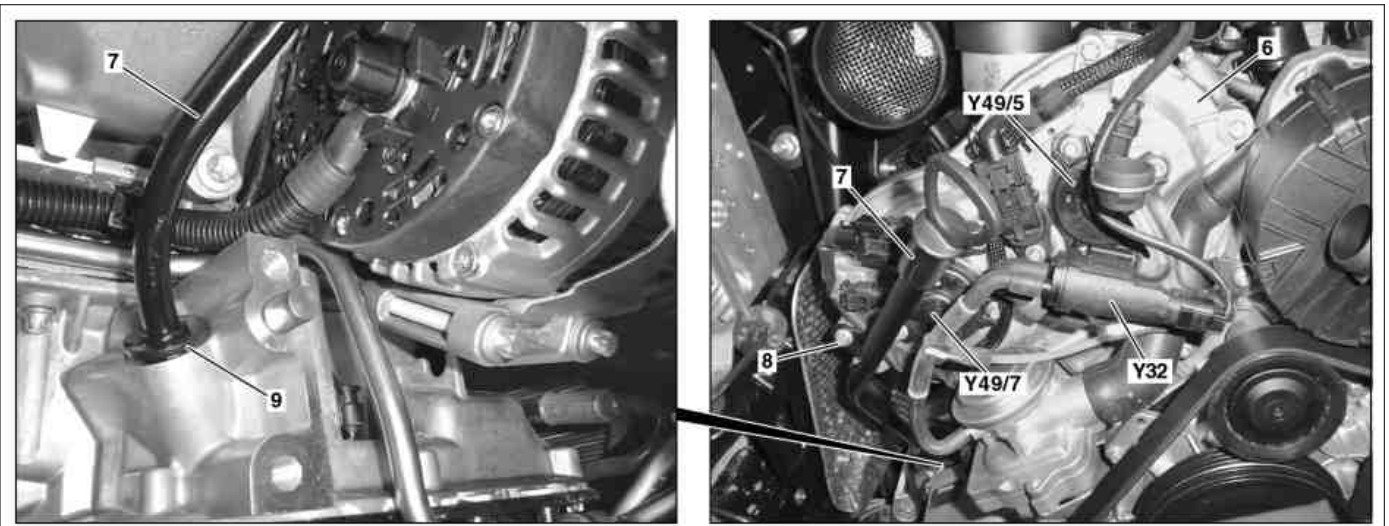
- Y32 Air pump switchover valve

Shown on engine 272.985

- 10 Bracket
- 10a Screwing
- 10b Bolt



P01.30-2325-11



P05.20-2232-08

Shown on engine 272.972

© Daimler AG, 12/4/14, G/11/14, ar05.20-p-7295tt, Remove/install solenoid camshaft  
ENGINE 272, 273 in MODEL 211, 219 Right cylinder head

- 6 Front cover
- 7 Oil dipstick guide tube
- 8 Bolt
- 9 Seal on oil dipstick guide tube

- Y32 Air pump switchover valve
- Y49/5 Right intake camshaft solenoid

- Y49/7 Right exhaust camshaft solenoid

		Remove/install		
		Notes on avoiding damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
1		Turn key in ignition switch to position "0".		
2		Remove right intake air duct (1) and front engine cover (2)		
		<b>Removal Intake camshaft solenoid, right (Y49/5)</b>		
3.1		Unscrew bolts (3a), detach the bracket (3) with the air pump switchover valve (Y32) and put it to the side along with the connected lines	Except engine 272.985 	*BA01.30-P-1009-01O
3.2		Remove bolts (10a), loosen bolt (10b) and swivel holder (10) to the side	Engine 272.985 	*BA01.30-P-1018-01O
4		Release and disconnect electrical connector on solenoid (Y49/5)		
5		Remove bolts (5) and solenoid (Y49/5) from the front cover (6)	<b>Installation:</b> Replace sealing ring.	
		<b>Removal of exhaust camshaft solenoid, right (Y49/7)</b>		
6		Remove bottom engine compartment paneling	Model 211.08/ 09/ 28/ 29 <b>Installation:</b> Only install bottom engine compartment paneling after leak test.	AR61.20-P-1105T
7		Remove bolt (8) for dipstick guide tube (7) on front cover (6)	Model 211.08/ 09/ 28/ 29 Press oil dipstick guide tube (7) carefully to the side in order obtain access to the bolts (4). Do not pull oil dipstick guide tube (7) out of the oil pan. <b>Installation:</b> Check gasket seat (9) on dipstick guide tube (7) to avoid oil leakage. 	*BA01.45-P-1006-01M
8		Release and disconnect electrical connector on solenoid (Y49/7)		
9		Remove bolts (4) and solenoid (Y49/7) from the front cover (6)	<b>Installation:</b> Replace sealing ring. 	*BA15.10-P-1003-03E
10		Install in the reverse order		
		<b>Checking</b>		
<b>Danger!</b>		<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
11		Conduct engine test run and check the engine for leaks		

**Position sensor**

Number	Designation		Engine	Engine
			272	273
BA15.10-P-1003-03E	Bolt, camshaft solenoid to front cover to cylinder head	Nm	8	8

**Oil pan**

Number	Designation		Engine 272	Engine 273
BA01.45-P-1006-01M	Mounting bolt, dipstick guide tube	Nm	9	9

**Nm** Cylinder head

Number	Designation		Engine 272	Engine 273
BA01.30-P-1009-01O	Bolt, switchover valve bracket to cylinder head	M6	Nm 9	9
BA01.30-P-1018-01O	Bolt, Halter coolant line bracket on NT circuit to cylinder head or cylinder head front cover		Nm 9	-