

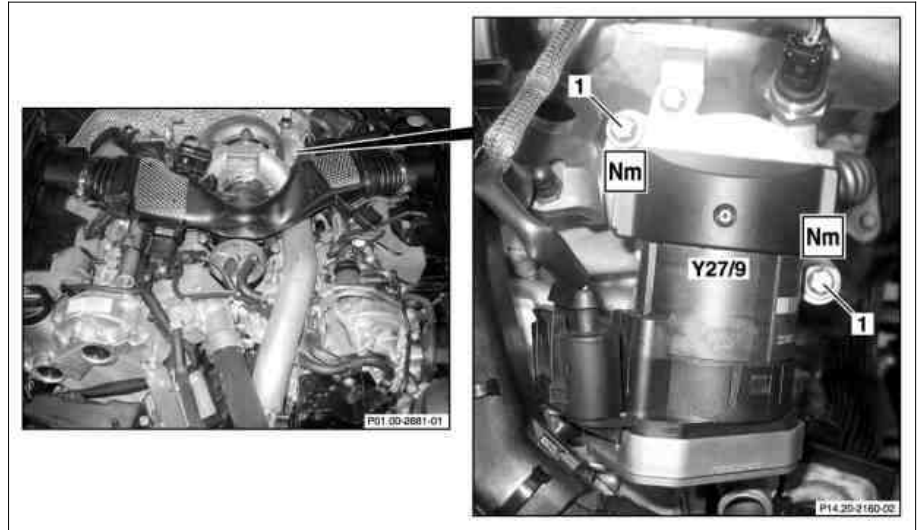
Engine 642 in model 164, 251
 Engine 642 in model 207, 212, 218
 except code 927 (EU6 emissions standard)

Modification notes

30.03.2016	Drain coolant, added.	Operation step 4	
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Shown on model 211


1 Screw
 Y27/9 Left exhaust gas recirculation positioner



P14.20-2196-05

	Danger!	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Danger!	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
	Danger!	Risk of injury to skin and eyes suffering scalding from contact with hot coolant spray. Risk of poisoning from swallowing coolant.	Do not open cooling system unless coolant temperature is below 90 °C. Open cap slowly and release the pressure. Do not pour coolant into beverage containers. Wear protective gloves, protective clothing and safety glasses.	AS20.00-Z-0001-01A
		Notes on coolant		AH20.00-N-2080-01A
		Notes on coolant level	Engine 642.940 in model 164.120/122	AH20.00-P-1142-01GZD
		Notes on coolant level	Engine 642 (except 642.940) in model 164 (except 164.120/122) Engine 642 in model 251	AH20.00-P-1142-01GZB
		Notes on coolant level	Engine 642 in model 207, 212, 218 except code 927 (EU6 emissions standard)	AH20.00-P-1142-01CW
		Remove/install		
1		Remove partition wall between wheel wells	Engine 642 in model 251	AR62.30-P-2400RT
2		Remove engine cover	Engine 642 in model 164, 251 Engine 642 in model 207, 212, 218 except code 927 (EU6 emissions standard) Engine 642 in model 164 Engine 642 in model 251 Installation: Ensure correct seating of the engine cover.	AR01.10-P-2405GZB AR01.10-P-2405RTB
3		Remove left-hand air filter housing	For left water-cooled exhaust gas recirculation positioner (Y27/9). Engine 642 in model 251 Left side	AR09.10-P-1150RTB
4		Drain off coolant	For left water-cooled exhaust gas recirculation positioner (Y27/9). Engine 642 in model 212, 218 except code 927 (EU6 emissions standard) Engine 642 in model 164, 251	AR20.00-P-11420GE AR20.00-P-1142GZB

		Engine 642 in model 207 except code 927 (EU6 emissions standard)	AR20.00-P-1142CW
5	Remove coolant hoses on left exhaust gas recirculation positioner (Y27/9) and catch escaping coolant in a suitable container	For left water-cooled exhaust gas recirculation positioner (Y27/9).	
6	Release and disconnect left electrical connection on exhaust gas recirculation positioner (Y27/9)		
7	Remove screw/bolt (1) These two bolts are one time use only & must be replaced.	i Installation: Pay attention to different lengths of screw/bolts. Nm Bolt, exhaust gas recirculation positioner to charge air distributor	*BA14.20-P-1002-01G
8	Remove left exhaust gas recirculation positioner (Y279) from above	i Installation: Replace seals.	
9	Install in the reverse order		
10	Reset lambda values with diagnostic system	When replacing the left exhaust gas recirculation positioner (Y27/9).	
 AD			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
11	Perform an engine test run, then check engine cooling system and left exhaust gas recirculation positioner (Y27/9) for leaktightness and function		

 Exhaust gas recirculation

Number	Designation	Engine 642.82/83/85/86/87/ 886/887/9
BA14.20-P-1002-01G	Bolt, exhaust gas recirculation positioner to charge air distributor Nm	12