
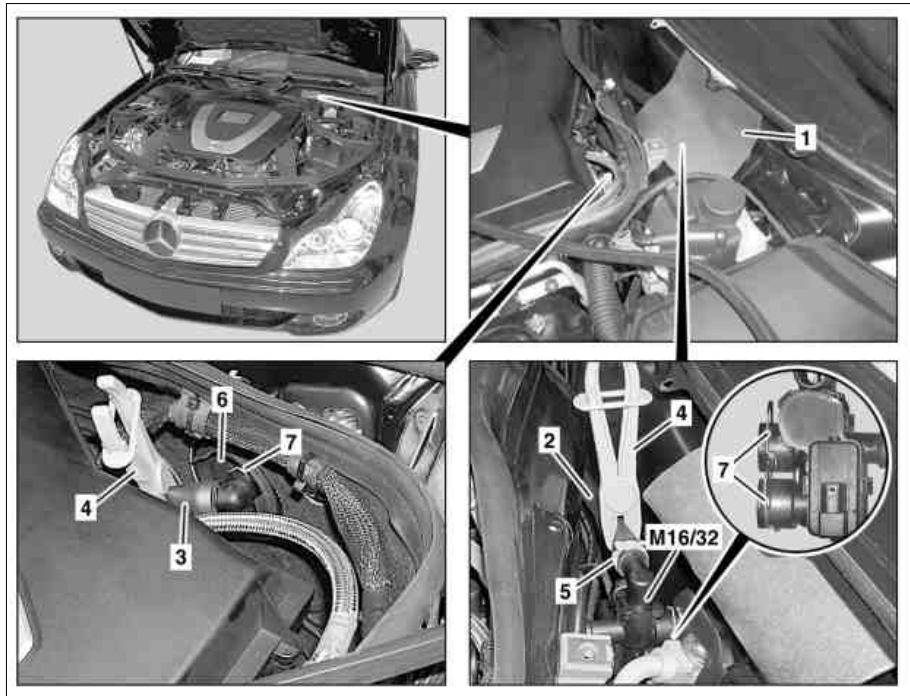












## MODEL 219.3

- 1 Cover  
 2 Heating water hose  
 3 Heating water hose  
 4  Pinch cock  
 5 Hose clamp  
 6 Rubber boots  
 7 Locking clips

M16/32 Heat exchanger shutoff motor



P83.25-2249-06

	Remove/install		
<b>⚠ Danger!</b>	<b>Risk of injury</b> to skin and eyes from scalding with hot coolant which splashes out. <b>Risk of poisoning</b> 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 bottles. Wear protective gloves, protective clothing and eye protection.	AS20.00-Z-0001-01A
	Notes on coolant		AH20.00-N-2080-01A
1	Remove wiper system		AR82.30-P-6400TX
2	Fold covering (1) upwards until the heat exchanger shutoff motor (M16/32) is accessible		
3	Reduce pressure in cooling system	 To do this, carefully open expansion reservoir cover and close again.	
4	Detach hot water hose (2) and hot water hose (3) with pinch-off pliers (4)		*WH58.30-Z-1013-02A
5	Release hose clamp (5) and hot water hose (2) from heat exchanger shutoff motor (M16/32)	 Collect escaping coolant. 	*WH58.30-Z-1020-02A
6	Push rubber boot (6) to rear and out of the engine partition wall		
7	Release safety clips (7) on heat exchanger shutoff motor (M16/32) using suitable screwdriver	 <b>Installation:</b> The safety clips (7) must latch audibly into the heat exchanger shutoff motor (M16/32).	
8	Detach connecting pipe of hot water hose (3) from heat exchanger shutoff motor (M16/32)	 Collect escaping coolant.	
9	Remove heat exchanger shutoff motor (M16/32) from connecting pipe of heat exchanger	 Collect escaping coolant.	
10	Detach electrical connector on heat exchanger shutoff motor (M16/32) and remove heat exchanger shutoff motor (M16/32)		
11.1	Remove rubber boot (6) from heat exchanger shutoff motor (M16/32)	Only when replacing the heat exchanger shutoff motor (M16/32).	
12	Install in the reverse order		
13	Check coolant level, adjust to correct level if necessary. Coolant specifications		
 <b>BB</b>		Sheet 310.1	BB00.40-P-0310-01A

<b>i</b>	Notes on coolant level		AH20.00-P-1142-01V
14	Set maximum heat output on the AAC [KLA] control and operating unit or the comfort AAC [KLA] control and operating unit, start the engine, run up to operating temperature at medium engine speed and switch off engine again	<b>i</b> This in turn purges the cooling system. Monitor the coolant level in the expansion reservoir and correct where necessary.	
<b>i</b>	Notes on coolant level		AH20.00-P-1142-01V
15	Check hot water hose (2), hot water hose (3) and heat exchanger shutoff motor (M16/32) for signs of leaks	<b>i</b> Carry out visual inspection.	

**Commercially available tools**

Number	Designation
WH58.30-Z-1013-02A	Pinch cock
WH58.30-Z-1020-02A	Hose clamp pliers (length 235 mm, clamping range 40 mm)