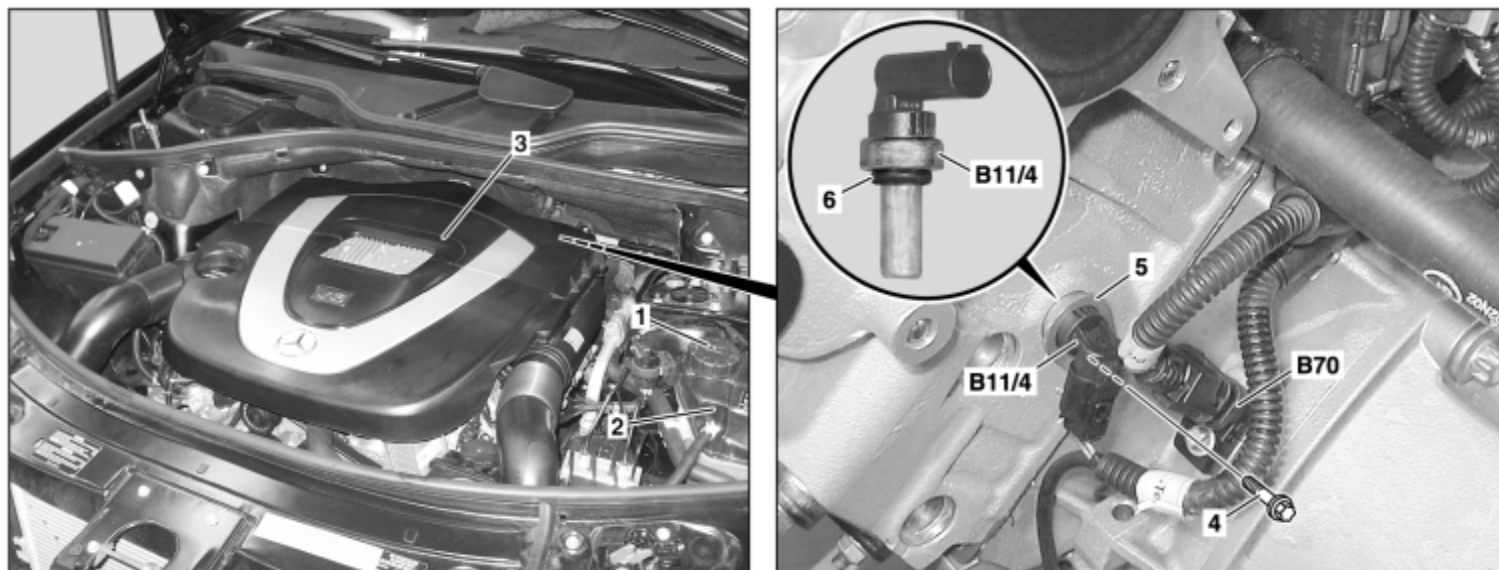


AR15.60-P-3000GZA

Remove/install temperature sensor

26.1.06

ENGINE 272, 273 in MODEL 164
Coolant temperature sensor









P15.60-2025-08

1 Cap
2 Coolant expansion reservoir
3 Air filter housing

4 Bolt
5 Clamping plate
6 O-ring

B11/4 Coolant temperature sensor
B70 Crankshaft Hall sensor

	Remove/install		
	<p>Risk of injury to skin and eyes caused by scalding from contact with hot coolant spray. Risk of poisoning from swallowing coolant.</p>	<p>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.</p>	<p>AS20.00-Z-0001-01A</p>

	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
1	Turn key in ignition switch to position "0".	 Vehicles with Keyless Go, code 889: Press Keyless Go start/stop button repeatedly until ignition is switched off.	
2	Remove air filter housing (3).		AR09.10-P-1150GZA
3	Reduce pressure in the engine cooling system, to do this, slowly open the cap (1) at the expansion reservoir (2) for the coolant and close again	 The coolant temperature should be approx. 40°C	
		 Do not drain off coolant.	
4	Disconnect electrical connector on crankshaft Hall sensor (B70)		
5	Unlatch the electrical connector at the coolant temperature sensor (B11/4) and disconnect		
6	Remove bolt (4) and remove clamping plate (5)		BA15.60-P-1001-01A
7	Fit new O-ring (6) to new coolant temperature sensor (B11/4)		
8	Pull coolant temperature sensor (B11/4) out of cylinder head and immediately insert new coolant temperature sensor (B11/4)		
9	Install in the reverse order		
10	Pour in coolant and bleed cooling system		AR20.00-P-1142GZ
11	Read out fault memory and erase if required	 Stored faults which may be caused by disconnecting cables or by simulation during test operations, must be erased in the fault memory after completing the work.	

 AD	Connect up STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A
		STAR DIAGNOSIS diagnosis system	WE58.40-Z-1013-06A

 **Temperature sensor**

Number	Designation			Engine 272	Engine 273
BA15.60-P-1001-01A	Bolt, clamping plate for coolant temperature sensor to cylinder head		Nm	8	8

Workshop equipment/MB testers (see Workshop Equipment Manual)

WE58.40-Z-1013-06A	STAR DIAGNOSIS Compact diagnosis system for passenger cars, order number 6511 1801 00
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