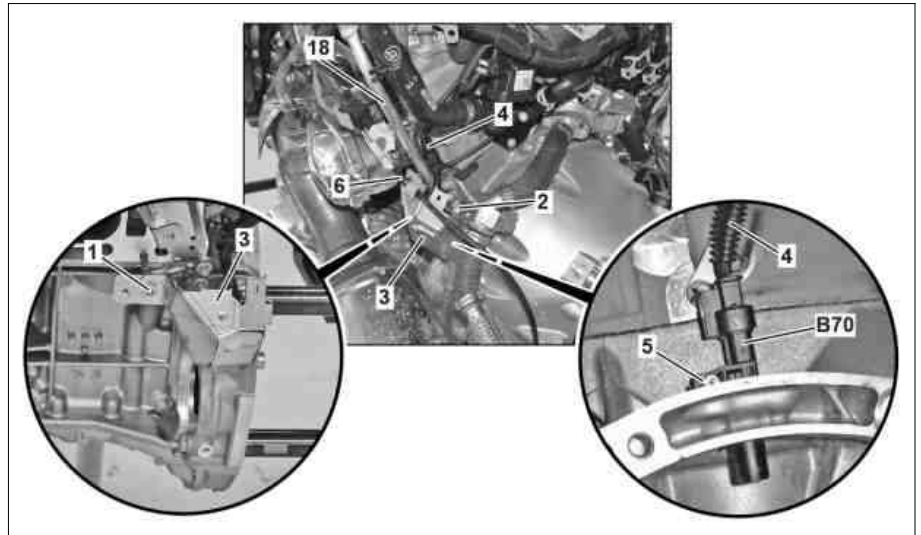


Engine 276 in model 166, 251, 292


Shown on model 166 with engine 276.9

- 1 Screw/bolt  
 2 Screw/bolt  
 3 Heat shield  
 4 Electrical line  
 5 Screw/bolt  
 B70 Crankshaft Hall sensor



P15.10-2425-05

	<b>Risk of death</b> when touching components on vehicles with high-voltage on-board electrical system	Do not touch damaged or defective components and open lines of the high-voltage on-board electrical system. Persons who wear electronic implants (e.g. cardiac pacemakers) must <b>not</b> carry out any work on high-voltage on-board electrical systems.	AS54.00-Z-0001-01A
	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Note on high-voltage on-board electrical system		AH54.00-P-0010-01A
	Evaluation of high-voltage components		AH54.00-P-6500-01SXH
	<b>Remove/install</b>		
1	Perform enable for the high voltage on-board electrical system	Engine 276 in model 166.063	AR54.10-P-1150GQA
2	Remove partition wall between wheel wells	Engine 276 in model 251	AR62.30-P-2400RT
3	Remove windshield wiper system	Engine 276.8 in model 251	AR82.30-P-6400RT
4.1	Remove front upper engine cover	Engine 276.9 in model 166, 251	
4.2	Remove upper engine cover	Engine 276.8 in model 166, 251, 292	
5.1	Remove ME-SFI [ME] control unit and bracket for control unit	Engine 276.9 in model 166, 251	AR07.08-P-7008GQ
5.2	Remove left-hand air filter housing	Engine 276.8 in model 166, 251, 292	AR09.10-P-1150GQC
6	Remove rear heat shield on the left from ATL	Engine 276.8 in model 166, 251, 292	AR49.10-P-5500GQC
7	Remove heat shield holder on the left behind the ATL	Engine 276.8 in model 166, 292	
8	Remove left catalytic converter	Engine 276.8 in model 251	AR49.10-P-5500GQC
9	Remove screw/bolts (1, 2) and heat shield (3) for crankshaft Hall sensor (B70)		
10	Disconnect electrical line (4) on crankshaft Hall sensor (B70)		
11	Remove screw/bolt (5) and crankshaft Hall sensor (B70) upwards	Bolt, crankshaft Hall sensor to crankcase	*BA15.10-P-1001-03E
12	Install in the reverse order		
13	Read out fault memory using the diagnostic system and clear if necessary		
	<b>AD</b>		AD00.00-P-2000-04A

 Warning  14	<b>Risk of accident</b> from vehicle starting off by itself when engine running. <b>Risk of injury</b> (bruises and burns) resulting from working on the engine while it is being started or when it is running. Conduct engine test run and check the engine for oil loss	Secure vehicle to prevent it from starting off by itself. Wear buttoned-up and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
--	---	---	--------------------

 Position sensor

Number	Designation	Engine 276
BA15.10-P-1001-03E	Bolt, crankshaft Hall sensor to crankcase	Nm 8