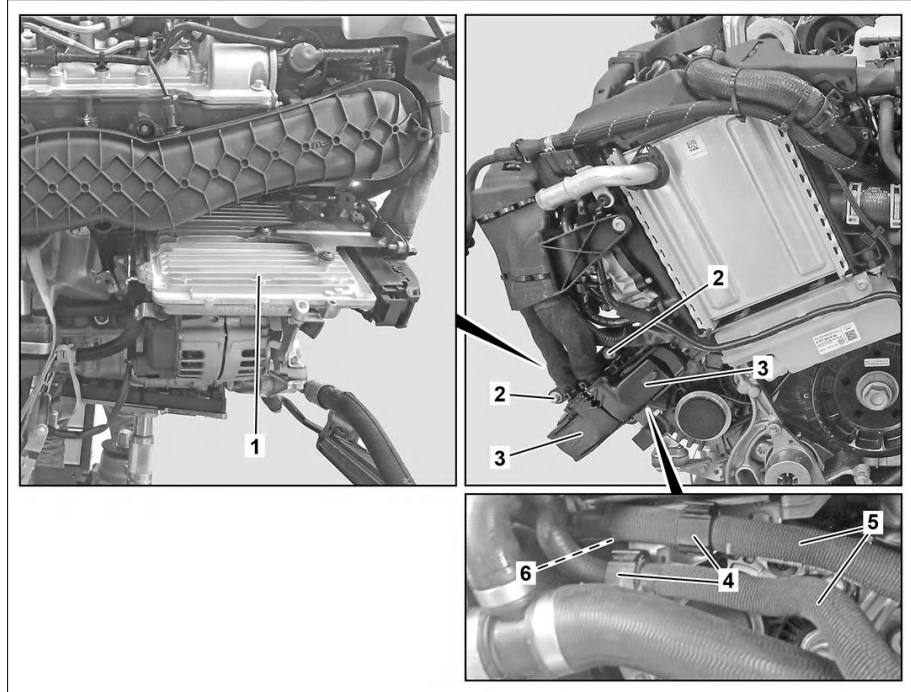


Engine 177 in model 205

Modification notes




12.12.2017 Document completely revised.


- 1 ME-SFI [ME] control unit
- 2 Bolts
- 3 Electrical connectors
- 4 Clamps
- 5 Coolant hoses
- 6 Screw




P07.08-2356-06

	Warning	Risk of injury due to fan starting unexpectedly	Do not reach into the rotation or hazard area of the fan. Wear closed and close-fitting work clothes.	AS20.40-Z-0001-01A
	Warning	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
	Caution	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
		Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
		Remove/install		
	1	Start control unit replacement with diagnostic system	When replacing the ME-SFI control unit (1).	
				AD00.00-P-2000-04B
	2	Switch off ignition and store transmitter key outside of transmission range (min. 2 m)		
	3	Remove fan unit		AR20.40-P-5050MNA
	4	Attach radiator protective plate to cooling module		
				WF58.50-P-0110-04A
	5	Remove screw/bolts (2)	Bolt, engine wiring harness to ME-SFI [ME] control unit	*BA15.18-P-1004-01G
	6	Release and disconnect electrical connectors (3)		
	7	Open clamps (4) and place coolant hoses (5) to one side		
	8	Remove screw/bolt (6)	Screw/bolt, control unit bracket to engine support/belt tensioner carrier/alternator bracket	*BA07.08-P-1001-01G
	9	Pull ME-SFI control unit (1) forward out of the bracket and remove downward		

10	Modify brackets on ME-SFI control unit (1)	When replacing the ME-SFI control unit (1).  M6×1  M5×0.8	*BA00.10-P-1002-03A *BA00.10-P-1001-03A
11	Install in the reverse order		
12	Read out and erase fault memory		AD00.00-P-2000-04B
 Warning	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
13	Perform an engine test run and check engine for proper function		

 Metric screws/bolts and nuts as per MBN 10 142


Number	Designation		8.8	10.9
BA00.10-P-1001-03A	M5×0.8	Nm	5	7

 Metric screws/bolts and nuts as per MBN 10 142

Number	Designation		8.8	10.9
BA00.10-P-1002-03A	M6×1	Nm	8	12

 Control unit

Number	Designation		Engine 177
BA07.08-P-1001-01G	Screw/bolt, control unit bracket to engine support/belt tensioner carrier/alternator bracket	Nm	9

 Engine wiring harness

Number	Designation		Engine 177
BA15.18-P-1004-01G	Bolt, engine wiring harness to ME-SFI [ME] control unit	Nm	9