

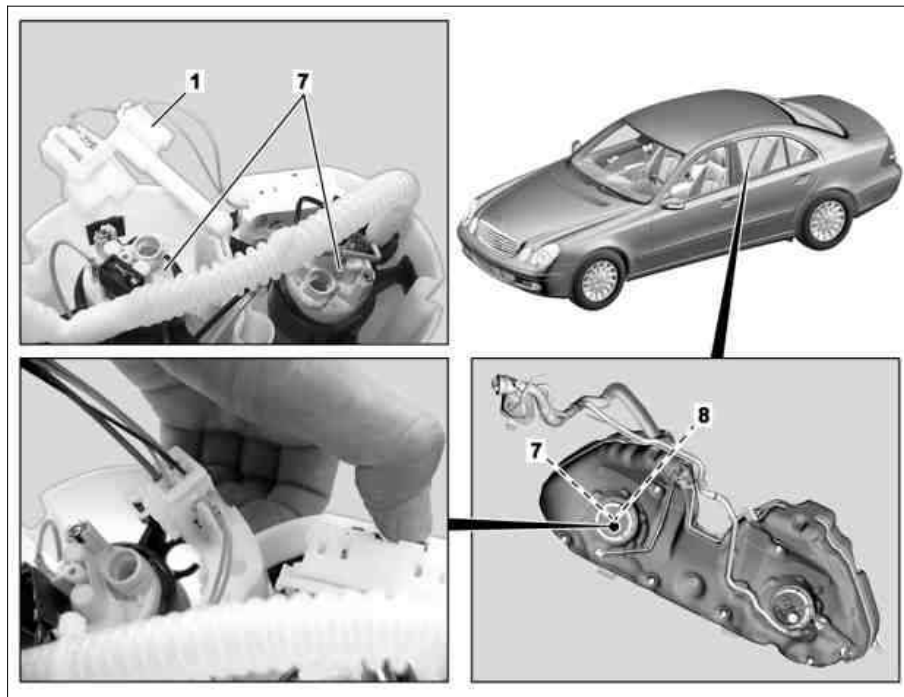
Engine 113.990 in model 211.076/276, 219.376
 Engine 156.983 in model 211.077/277, 219.377

Modification notes

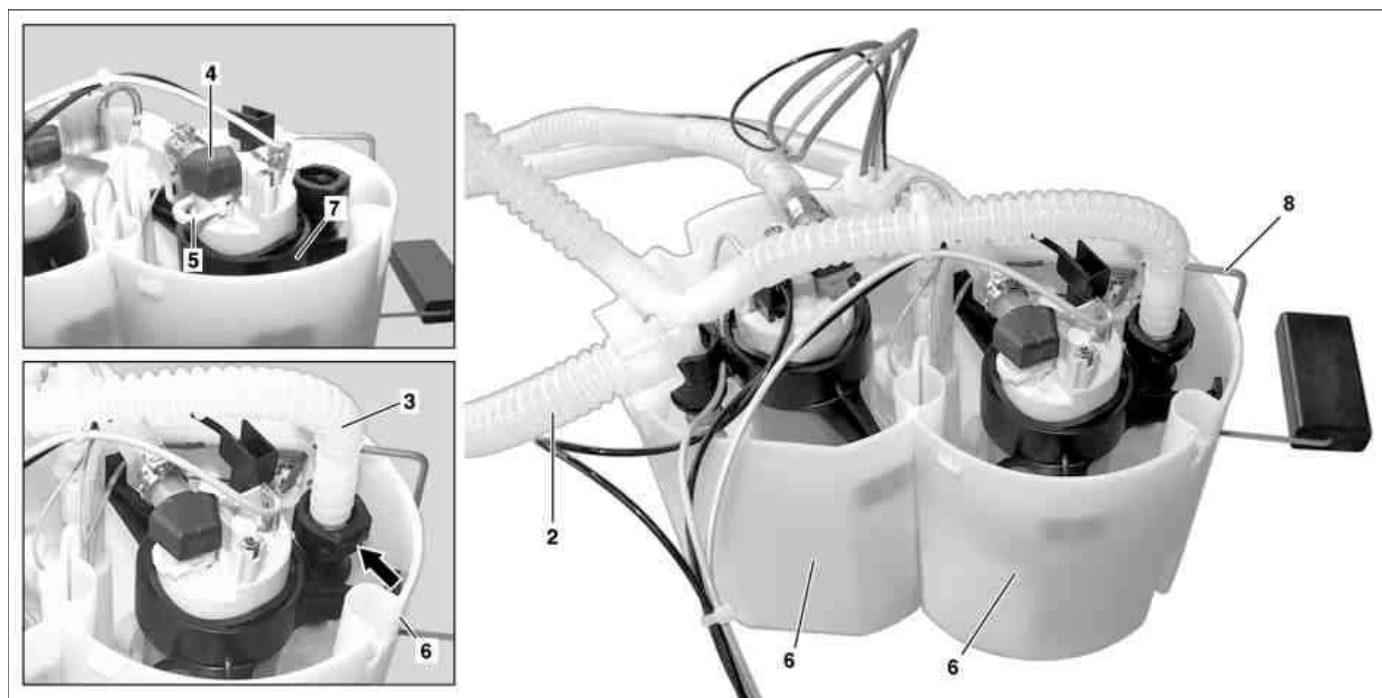
13.01.2021	Air extraction system for benzene fumes added.	WS47.00-P-0039B
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Shown on fuel pumps in the old design in model 211.076

- 1 Connection pin
- 7 Fuel pumps
- 8 Fuel level indicator sensor, right half of the tank



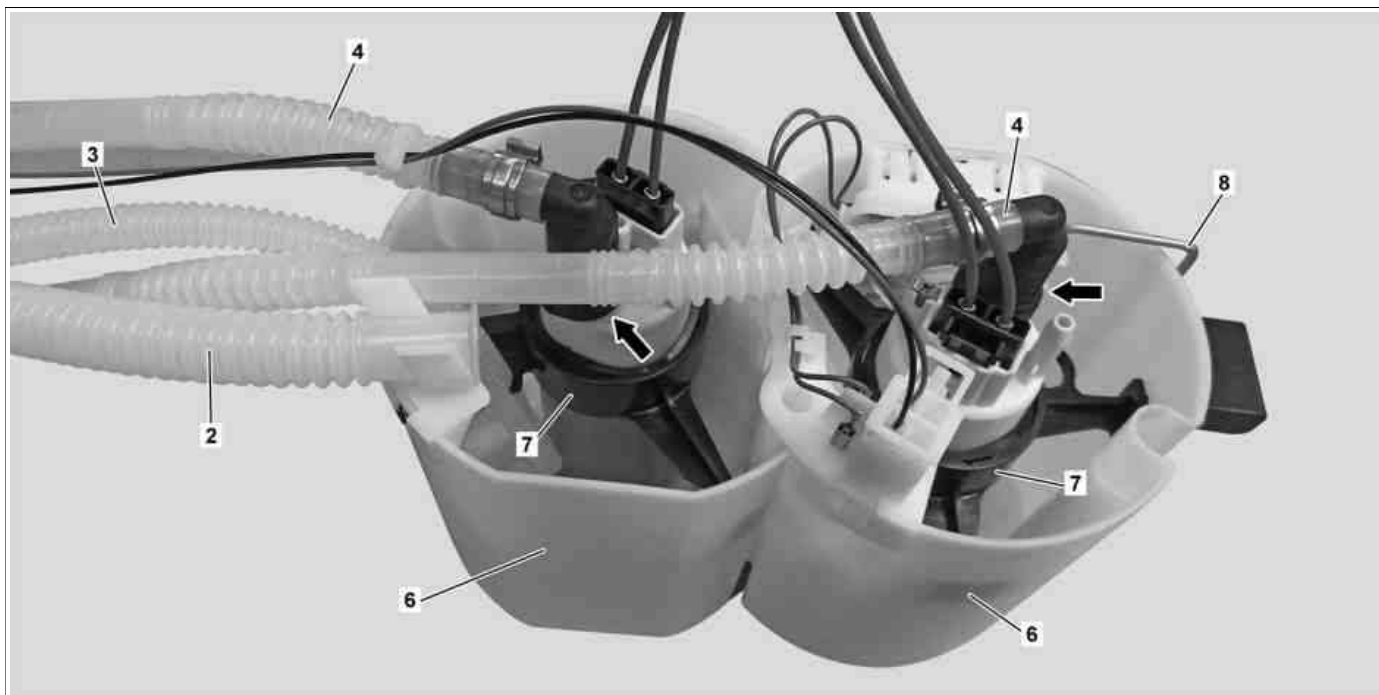
P47.10-2858-06



P47.20-2594-09

Shown on fuel pumps in the old design in model 211.076

- | | | |
|--------------------|-----------------|---|
| 2 Level line | 5 Plastic clamp | 7 Fuel pump (FP) |
| 3 Fuel return line | 6 Pump heads | 8 Fuel level indicator sensor, right half of the tank |



P47.20-2590-09

Shown on fuel pumps in the new design in model 211.076

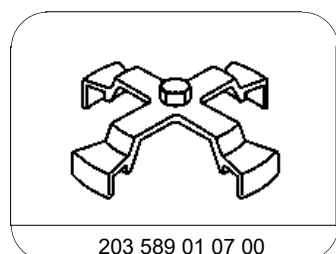
2 Level line	4 Fuel feed lines	7 Fuel pumps
3 Fuel return line	6 Pump heads	8 Fuel level indicator sensor, right half of the tank

 Danger	Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contact with fuel.	No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
Topical note	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Preparatory activity		
1  WS	Position air extraction system for benzene fumes in working area and switch on.		WS47.00-P-0039B
 Remove/install			
2	Check fuel level.	 The fuel tank may only be filled to a maximum of 50 %. The fuel will find its way into the vehicle interior otherwise. If the fuel tank is filled above 50 %: ↓ Empty the fuel tank. Model 211.076/276 with engine 113.990 Model 211.077/277 with engine 156.983 Model 219.376 with engine 113.990 Model 219.377 with engine 156.983	AR47.10-P-4001TB AR47.10-P-4001TX
3.1	Remove seat cushion from rear passenger compartment.	Engine 113.990 in model 211.076 except code 287 (Through-loading feature) Engine 113.990 in model 219.376 Engine 156.983 in model 211.077 except code 287 (Through-loading feature) Engine 156.983 in model 219.377 Model 211.076 with engine 113.990 except code 287 (Through-loading feature) Model 211.077 with engine 156.983 except code 287 (Through-loading feature) Model 219.376 with engine 113.990 Model 219.377 with engine 156.983	AR91.12-P-1020T AR91.12-P-1020TX

3.2	Place seat cushion vertically in rear passenger compartment.	Engine 113.990 in model 211.076 with code 287 (Through-loading feature) Engine 113.990 in model 211.276 Engine 156.983 in model 211.077 with code 287 (Through-loading feature) Engine 156.983 in model 211.277 Model 211.076 with engine 113.990 with code 287 (Through-loading feature) Model 211.077 with engine 156.983 with code 287 (Through-loading feature) Model 211.276 with engine 113.990 Model 211.277 with engine 156.983	AR91.12-P-1020TA AR91.12-P-1020TB
4	Lift insulation mat, place to one side, and remove cover of service opening.		
5	Release and disconnect electrical connectors.		
6	Unscrew ring nut.	Ring nut to fuel tank Pronged wrench	*BA47.10-P-1003-01E *203589010700
7	Lift position holder of fuel pumps (7), release and disconnect electrical connectors.		
8	Remove position holder.		
9.1	Press couplings (arrow) and disconnect fuel return lines (3) from pump heads (6).	For fuel pumps (7) in an old design.	
9.2	Unclip fuel return line (3) at pump head (6).	For fuel pumps (7) in a new design.	
10	Unclip level line (2) from pump head (6).	The level line (2) serves to balance out the fuel level in the tank halves.	
11.1	Remove plastic clamps (5) and detach fuel feed lines (4) from fuel pumps (7).	For fuel pumps (7) in an old design. Note installation position of plastic clamps (5). Otherwise the fuel feed line (4) will loosen and there will be no more fuel supply. The longer catch hooks of the plastic clamps (5) must point to the front.	
11.2	Press couplings (arrows) and disconnect fuel feed lines (4) from fuel pumps (7).	For fuel pumps (7) in a new design.	
12	Unfasten connecting pin (1) of pump heads (6) and pull out.		
13	Disconnect pump heads (6).		
14	Remove pump heads (6) with fuel pumps (7) and fuel display sensor, right tank half (8), individually.	Do not replace fuel pumps (7) individually. Always replace the fuel level indicator sensor, right tank half (8).	
15	Remove sealing ring for ring nut.	Installation: Replace sealing ring.	
16	Install in the reverse order.		
	Check		
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. Perform engine test run and check fuel system for leaks.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts. If there is a leakage, determine and eliminate the cause. Malfunctions and environmental damage will occur otherwise.	AS00.00-Z-0005-01A
17			
	Finishing activity		
18	Switch off air extraction system for benzene fumes and remove from working area.		
WS			WS47.00-P-0039B

Fuel tank

Number	Designation	Model 211	Model 219
BA47.10-P-1003-01E	Ring nut to fuel tank Nm	80	80



Pronged wrench