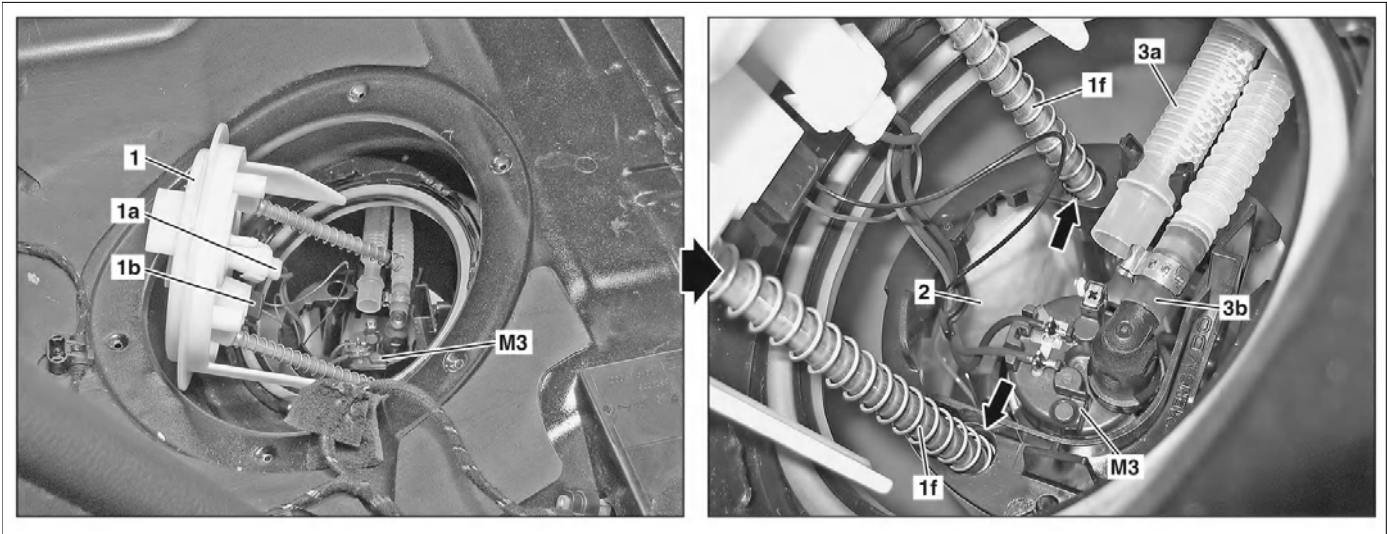


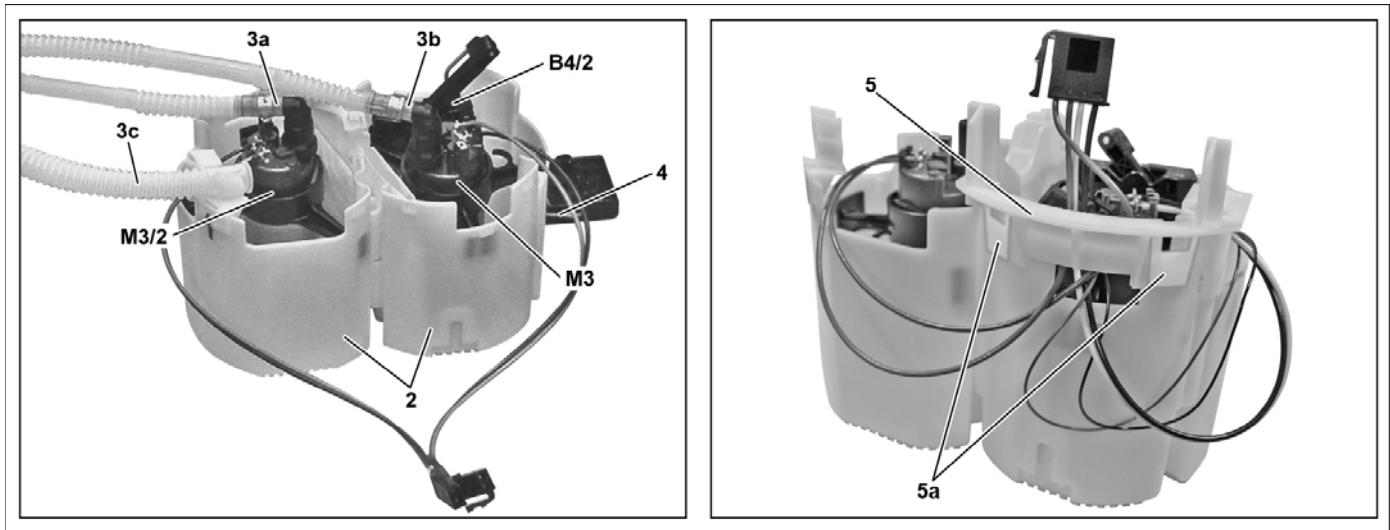
Engine 156, 271, 272, 274, 276 in model 204.0/2  
 Engine 156, 271, 276 in model 204.3  
 Engine 271, 272, 273, 274, 276, 278 in model 207  
 Engine 272, 274, 276 in model 204.9



P47.20-2316-08

Shown on model 204 with engine 272

1	Mounting cap	1f	Guide pin	3b	Fuel line
1a	Electrical connection	2	Swirl pot	M3	Fuel pump (FP)
1b	Electrical connection	3a	Fuel line		



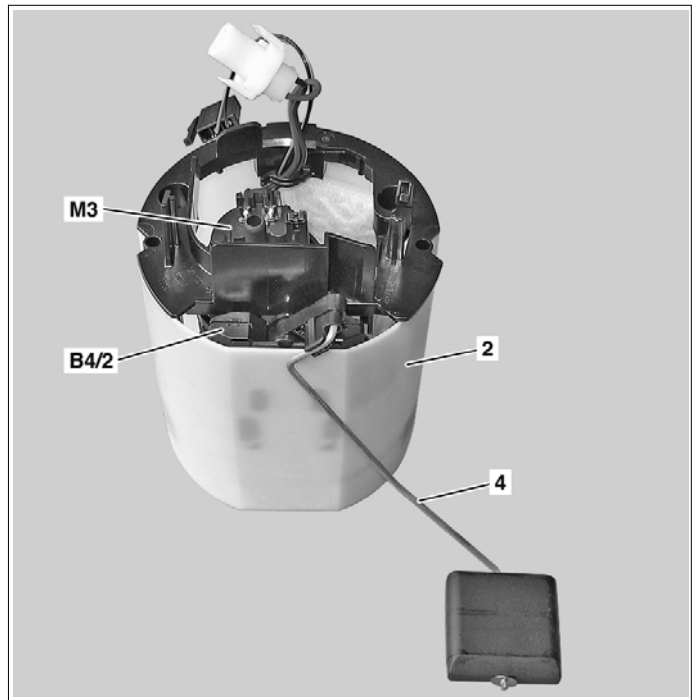
P47.20-2400-08

Model 204 with engine 156

2	Swirl pot	4	Float linkage	M3	Right fuel pump
3a	Fuel line	5	Connector	M3/2	Left fuel pump
3b	Fuel line	5a	Locks		
3c	Fuel line	B4/2	Right fuel level indicator sensor		

Shown on model 204 with engine 272

- 2 Swirl pot
- 4 Float linkage
- B4/2 Right fuel level indicator sensor
- M3 Fuel pump (FP)



P47.20-2317-12

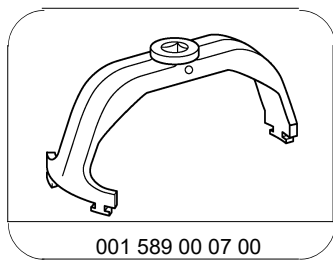
	<b>Risk of explosion</b> caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contact with fuel.	No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
⚠	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
🔧 🔩	<b>Remove/install</b>		
1	Check fuel level	<p><b>i</b> The fuel tank may only be filled to a maximum of 25%. If the fuel tank is filled above 25%. ↓ Empty fuel tank.</p> <p>Engine 156, 271, 272, 274, 276 in model 204.0/2 with code 494 (US version) Engine 156, 271, 276 in model 204.3 with code 494 (US version) Engine 271, 272, 273, 274, 276, 278 in model 207 with code 494 (US version) Engine 272, 274, 276 in model 204.9 with code 494 (US version) Engine 156, 271, 272, 274, 276 in model 204.0/2 except code 494 (US version) Engine 156, 271, 276 in model 204.3 except code 494 (US version) Engine 271, 272, 273, 274, 276, 278 in model 207 except code 494 (US version) Engine 272, 274, 276 in model 204.9 except code 494 (US version)</p>	<p>AR47.10-P-4001FH</p> <p>AR47.10-P-4001CW</p>
2	Open fuel filler door and tank cap and remove pressure in the fuel tank		
3	Remove seat cushion in the rear	<p>Engine 156, 271, 272, 274, 276 in model 204.0/2 Engine 156, 271, 276 in model 204.3 Engine 271, 272, 273, 274, 276, 278 in model 207 Engine 272, 274, 276 in model 204.9 Model 204.3 with engine 156, 271, 276 with code 224 (Rear individual seat design) except code P98 (Black Series) Model 207 with engine 271, 272, 273, 274, 276, 278</p>	AR91.12-P-1020EC

		Engine 156, 271, 272, 274, 276 in model 204.0/2 Engine 272, 274, 276 in model 204.9	AR91.12-P-1020CW
4	Remove cover for right service opening	<b>i</b> <b>Installation:</b> Carry out leak test before installing the cover. <b>Nm</b> Screw/bolt, cover to vehicle floor	AR47.10-P-4100-02CW *BA47.10-P-1005-01M
5	Remove right locking ring	<b>S</b> Claw-type wrench	AR47.10-P-4100-02CWA *001589000700
6	Unlock, disconnect electrical connections (1a, 1b) on locating cover (1) and remove locating cover (1)	<b>i</b> <b>Installation:</b> Route the electrical feed lines in such a way that the float linkage (4) of the fuel level sensor (B4/2) is not obstructed. The fuel level fill level will be indicated falsely otherwise. <b>i</b> <b>Installation:</b> Lead guide pins (1f) into openings on upper frame of the swirl pot (2) (arrows). <b>i</b> Replace seal for fixing cover (1) on fuel tank.	
7	Remove locking ring on left chamber of the fuel tank	Engine 156 in model 204.0/2/3 <b>i</b> Do not remove fuel filter from the left chamber of the fuel tank. <b>S</b> Claw-type wrench	AR47.10-P-4100-02CWA *001589000700
8.1	Unlock and detach fuel lines (3a, 3b) to Fuel pump (M3) and upper cover of swirl pot (2)	Engine 271, 272, 273, 274, 276, 278 in model 207 Engine 271, 272, 274, 276 in model 204.0/2 Engine 271, 276 in model 204.3 Engine 272, 274, 276 in model 204.9 <b>i</b> Do not kink, crush or twist fuel lines (3a, 3b, 3c) and do not route in tight radii. The fuel lines (3a, 3b, 3c) will be damaged otherwise. <b>i</b> Fuel lines (3a, 3b, 3c) must not have any loops, indentations or damage.	AR47.20-P-5510-01CW
8.2	Detach fuel lines (3a, 3b, 3c) on right fuel pump (M3), and right fuel pump (M3/2) and swirl pots (2)	Engine 156 in model 204.0/2 Engine 156 in model 204.3 <b>i</b> Do not kink, crush or twist fuel lines (3a, 3b, 3c) and do not route in tight radii. The fuel lines (3a, 3b, 3c) will be damaged otherwise. <b>i</b> Fuel lines (3a, 3b, 3c) must not have any loops, indentations or damage. <b>i</b> Push fuel filter with lower attached fuel lines in the direction of the right chamber of the fuel tank. Better accessibility to the fuel lines (3a, 3b, 3c) is achieved in this way.	
9	Release locks (5a) and detach connector (5) upwards from swirl pot (2)	Engine 156 in model 204.0/2 Engine 156 in model 204.3 <b>i</b> There are three locks (5a) present. <b>i</b> <b>Installation:</b> Observe routing of feed lines.	
10	Disconnect swirl pots (2)	Engine 156 in model 204.0/2/3 <b>i</b> Pry apart swirl pots (2) carefully using a wide screwdriver in the middle.	
11.1	Remove swirl pot (2) with fuel pump (M3) out of right chamber of the fuel tank	Engine 271, 272, 273, 276, 278 in model 207 Engine 271, 272, 274, 276 in model 204.0/2 Engine 271, 276 in model 204.3 Engine 272, 274, 276 in model 204.9 <b>i</b> Handle the right fuel level indicator sensor (B4/2) with care. Otherwise the float linkage (4) can be damaged. <b>i</b> Collect dripping fuel with absorbent rag. Soiling and damage to the vehicle can be damaged otherwise.	
11.2	Remove swirl pots (2) with right fuel pump (M3) and left fuel pump (M3/2) from the right chamber of the fuel tank	Engine 156 in model 204.0/2/3	

		<p>ⓘ Handle the right fuel level indicator sensor (B4/2) with care. The float linkage (4) can get damaged otherwise.</p> <p>ⓘ Collect dripping fuel with absorbent rag. Soiling and damage to the vehicle can be damaged otherwise.</p>	
12	Mount RH fuel level indicator sensor (B4/2) on new swirl pot (2)	When replacing fuel pump (M3) or right fuel pump (M3).	AR47.10-P-7000CW
13	Install in the reverse order		
	<b>Check</b>		
14	<p><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.</p> <p>Perform an engine test run and check for leaktightness in fuel system and for proper operation of fuel level display</p>	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

**Nm** Fuel tank

Number	Designation		Model 204	Model 207
BA47.10-P-1005-01M	Screw/bolt, cover to vehicle floor	Nm	3	3



001 589 00 07 00

Claw-type wrench