

P47.20-2316-08

1 Mounting cap  
1a, 1b Electrical connector

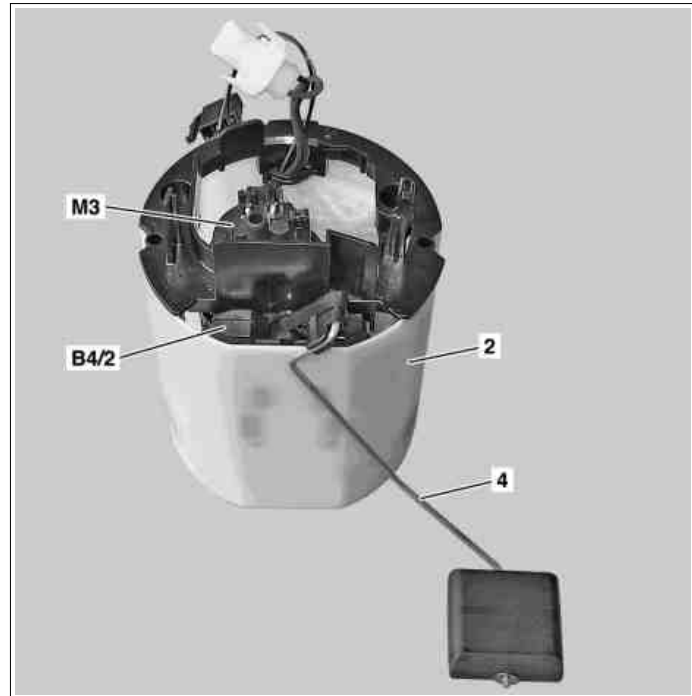
1f Alignment pin  
2 Splash bowl

3a, 3b Fuel pipe

M3 Fuel pump

2 Splash bowl  
4 Float linkage

B4/2 Right fuel level indicator sensor  
M3 Fuel pump



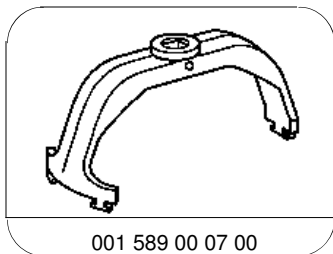
P47.20-2317-12

	<p><b>Remove/install</b></p>		
<p><b>⚠ Danger!</b></p>	<p><b>Risk of explosion</b> caused by fuel igniting, <b>risk of poisoning</b> caused by inhaling and swallowing fuel and <b>risk of injury</b> to eyes and skin caused by contact with fuel</p>	<p>No fire, sparks, open flames or smoking. Pour fuels only into suitable and appropriately marked containers. Wear protective clothing when handling fuel.</p>	<p>AS47.00-Z-0001-01A</p>
<p></p>	<p>Information on preventing damage to electronic components due to electrostatic discharge</p>		<p>AH54.00-P-0001-01A</p>
<p></p>	<p><b>Checking</b></p>		
<p>1</p>	<p>Check fuel level</p>	<p> The fuel tank must be only be filled up to a max. of 25% otherwise fuel can leak out!  If necessary, drain fuel tank.</p>	<p>AR47.10-P-4001EW</p>
<p>2</p>	<p>Open fuel filler flap and open filler cap and reseal</p>	<p> In order to reduce pressure in the fuel tank.</p>	
<p>3</p>	<p>Remove rear seat cushion</p>	<p>Vehicles without individual rear seat system</p>	<p>AR91.12-P-1020CW</p>

		Vehicles with code (224) Design individual rear seat system	AR91.12-P-1020EW
4	Remove cover for right service opening	<b>i</b> <b>Installation:</b> Perform leak test before mounting the cover. <b>Nm</b>	AR47.10-P-4100-02EW *BA47.10-P-1005-01M
5	Remove right locking ring	<b>⚠</b> <b>Exactly</b> observe work instructions for removal in order to prevent injury to persons and damage to equipment and the environment. <b>⚙</b> Lubricant paste	AR47.10-P-4100-02EWA *001589000700 *BR00.45-Z-1002-06A
6	Unlock, disconnect electrical connectors (1a, 1b) on locating cover (1) and remove locating cover (1)	<b>i</b> <b>Installation:</b> Lead guide pins (1f) into openings on upper frame of the swirl pot (2) (arrows).	
7	Unlock and detach fuel lines (3a, 3b) to Fuel pump (M3) and upper cover of swirl pot (2)	<b>⚠</b> <b>Installation:</b> Do not kink, crush or turn fuel lines (3a, 3b) and do not lay in tight radii. Fuel lines (3a, 3b) should not have any loops, indentations or damage.	AR47.20-P-5510-01EW
8	Remove swirl pot (2) and fuel pump (M3) out of right chamber of the fuel tank	<b>⚠</b> Handle fuel level sensor (B4/2) carefully to avoid deforming the float linkage (4). <b>i</b> With engine 156, the additional suction jet pump must be observed when extending the swirl pot (2) and fuel pump (M3). <b>⚠</b> Catch dripping fuel with an absorbent rag to avoid damage and soiling on the vehicle.	
9	Mount fuel level sensor (B4/2) on new swirl pot (2)	When replacing fuel pump (M3)	AR47.10-P-7000EW
10	Install in the reverse order		
<b>⏪</b>	<b>Checking</b>		
<b>⚠ Danger!</b>	<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
11	Carry out an engine test run and check fuel system for leaks		

#### **Nm** Fuel tank

Number	Designation	Model 212
BA47.10-P-1005-01M	Bolt, cover to vehicle floor	Nm 3



001 589 00 07 00

Claw-type wrench

#### Repair materials

Number	Designation	Order number
BR00.45-Z-1002-06A	Lubricating paste, rubber parts 2.5 kg, DB supply specification 6867.00	A 000 989 01 60