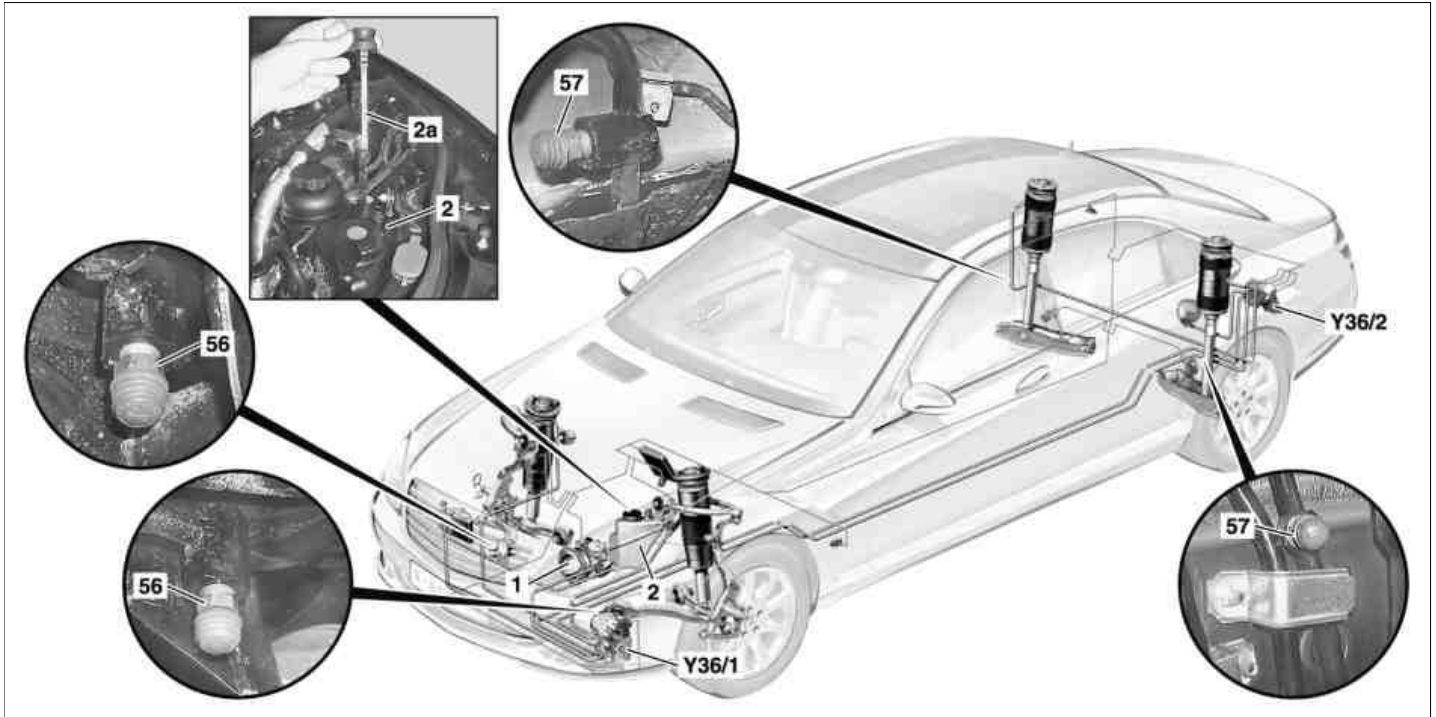


MODEL 216, 221.0/1, 231
with CODE 487 (Active Body Control (ABC))

MODEL 217
with CODE 487 (MAGIC BODY CONTROL)

MODEL 222
with CODE 487 (Active Body Control (ABC))



















P32.50-2226-09

Shown on model 221

1	Tandem pump/hydraulic pump	56	Bleed screws	Y36/2	ABC rear axle valve unit
2	ABC expansion reservoir	57	Bleed screws		
2a	Dipstick	Y36/1	ABC front axle valve unit		

⚠ Danger !	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
⚠ Danger !	Risk of injury to skin or eyes from hydraulic fluid spraying out under pressure. Risk of poisoning from swallowing hydraulic fluid.	Depressurize hydraulic system completely before starting any work on it. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
i	Notes on Active Body Control suspension		AH32.50-P-0001-01LF
i	Notes on Active Body Control suspension		AH32.50-P-0001-01N
	Filling		
1	Insert dipstick (2a) all the way into ABC expansion reservoir (2), pull out again, read off hydraulic fluid level and correct if necessary	<p>⚠ The funnel with filter must not be used for pouring in other operating fluids. Contamination can otherwise damage the ABC system.</p> <p>i The funnel must be stored in a closed cabinet.</p>	

		<p> Read off the hydraulic fluid level on the dipstick (2a) on the side with the inscription "ENGINE OFF UNLADEN". The fluid level must be between the "MIN" and "MAX" marks. The vehicle must be ready to drive and standing horizontally on its complete wheels.</p> <p> Filling capacity</p> <p> Funnel</p>	<p>*BF32.50-P-1001-01A</p> <p>*126589126300</p>
2	Pressurize ABC system manually	<p>When replacing the tandem pump/hydraulic pump (1).</p> <p>MODEL 216, 231 with CODE 487 (Active Body Control (ABC))</p> <p>MODEL 217 with CODE 487 (MAGIC BODY CONTROL)</p> <p>MODEL 221 with CODE 487 (Active Body Control (ABC)) without CODE Z07 (Top protection)</p> <p>MODEL 222 with CODE 487 (Active Body Control (ABC))</p> <p> The vehicle must be ready to drive and standing horizontally on its complete wheels.</p> <p> Pressure pump</p> <p> Adapter</p>	<p>AR32.50-P-0022-01RK</p> <p>*124589242100</p> <p>*166589009100</p>
3	Start engine	<p> The hydraulic fluid level in the ABC expansion reservoir (2) must be observed throughout the entire process (2nd person required). It must not drop below the "MIN" mark.</p> <p>The tandem pump/hydraulic pump (1) will otherwise be damaged as a result of air being drawn in.</p> <p> When replacing the tandem pump/hydraulic pump (1), the engine must run for at least 2 min before the level adjustment push button switch is pressed.</p>	
4	Press level adjustment push button switch until indicator lamp in push button switch goes out	<p> Vehicle level "Normal level (NN)".</p>	
5	Insert dipstick (2a) all the way into ABC expansion reservoir (2), pull out again, read off hydraulic fluid level and correct if necessary	<p> Read off the hydraulic fluid level on the dipstick (2a) on the side with the inscription "ENGINE ON UNLADEN". The fluid level must be between the "MIN" and "MAX" marks.</p>	
	Bleeding		
6	Press level adjustment push button switch again until indicator lamp in push button switch lights up	<p> Vehicle level "Raised level (EN)".</p>	
7	Press level adjustment push button switch again until indicator lamp in push button switch goes out	<p> Vehicle level "Normal level (NN)".</p> <p> Steps 6 and 7 must be repeated 3 times.</p> <p> Following removal, installation or replacement of suspension struts or valve units, steps 6 and 7 should be repeated approx. 15 times.</p>	
8	Turn off engine		
9	After approx. 10 min, pull dipstick (2a) out of ABC expansion reservoir (2) and wipe clean using a lint-free cloth	<p> Always wait 10 min because the hydraulic fluid only flows back into the ABC expansion reservoir (2) slowly and otherwise the measurement value will be distorted.</p>	
10	Insert dipstick (2a) all the way into ABC expansion reservoir (2), pull out again, read off hydraulic fluid level and correct if necessary	<p> Read off the hydraulic fluid level on the dipstick (2a) on the side with the inscription "ENGINE OFF UNLADEN". The fluid level must be between the "MIN" and "MAX" marks.</p>	
11	Check ABC system for leaks and proper function		

 Active Body Control

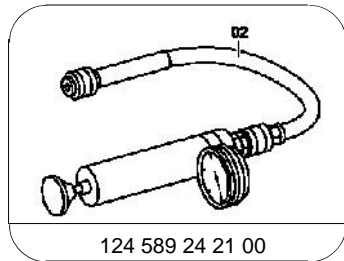
Number	Designation	MODEL 216	MODEL 217
BF32.50-P-1001-01A	Filling capacity	with complete refill Liter ≈4	≈4

 Active Body Control

Number	Designation		MODEL 221	MODEL 222
BF32.50-P-1001-01A	Filling capacity	with complete refill	Liter	≈4
		Sheet	BB00.40-P-0345-00A	BB00.40-P-0345-00A

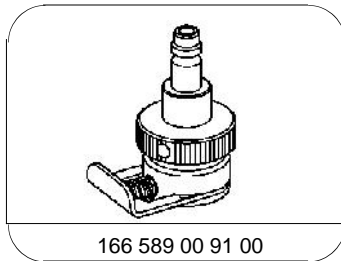
 Active Body Control

Number	Designation		MODEL 231
BF32.50-P-1001-01A	Filling capacity	with complete refill	Liter
		Sheet	≈3,5 BB00.40-P-0345-00A



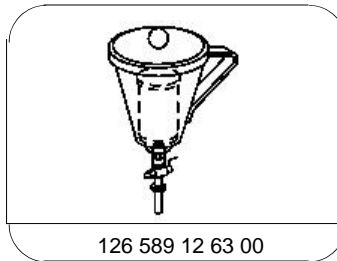
124 589 24 21 00

Pressure pump



166 589 00 91 00

Adapter



126 589 12 63 00

Funnel