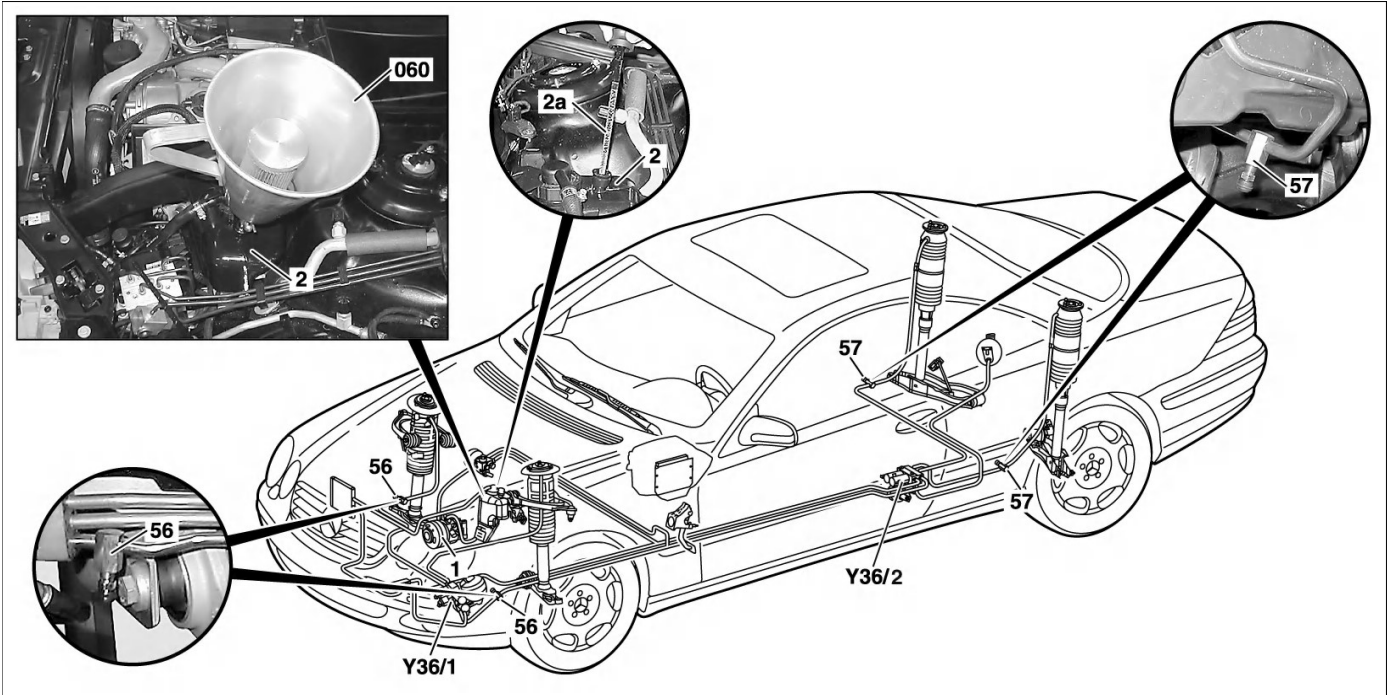


MODEL 215

MODEL 220

with CODE (487) Active Body Control (ABC)  
except CODE (979) Special protection version

MODEL 230 with CODE (487) Active Body Control (ABC)



P32.50-2062-09

## Shown on model 215

060 Funnel with filter

1 Tandem pump/hydraulic pump

2 ABC system expansion reservoir

2a Dipstick

56 Bleed screws

57 Bleed screws

Y36/1 ABC front axle valve unit

Y36/2 ABC rear axle valve unit

## Modification notes

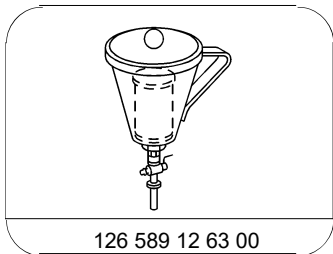
25.8.05	Waiting time changed from 5 to 10 minutes	Operation step 10	
2.2.12	New reference added	Operation step 6	

	Fill		
<b>Danger!</b>	<b>Risk of injury</b> to skin or eyes caused by hydraulic fluid spraying out under high pressure. <b>Risk of poisoning</b> caused by swallowing hydraulic fluid	Depressurize hydraulic system completely before starting any work on system. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
<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 moving off. Wear closed and close-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
<b>i</b>	Notes on Active Body Control suspension		AH32.50-P-0001-01N
1	Fill the ABC system reservoir (2) with hydraulic fluid	Funnel with filter (060) must not be used with other operating fluids. To help prevent contaminants from entering and damaging the ABC system, always store the funnel with filter (060) in a lockable cabinet. <b>i</b> When replacing the tandem pump/hydraulic pump (1) the engine must run for at least 2 minutes before the vehicle level adjustment button may be operated. <b>i</b> The vehicle must be ready to drive and standing horizontally on its wheels.  	*126589126300 *BF32.50-P-1001-01A

2	Insert dipstick (2a) all the way into the expansion reservoir (2), pull out again, read off fluid level and correct if necessary	Read off the fluid level on the dipstick on the side with the inscription "ENGINE OFF UNLADEN". The fluid level must be between the "MIN" and "MAX" marks.	
3	Start engine	The fluid level in the expansion reservoir (2) must be observed throughout the entire filling process (2nd person required). Never allow the level of the fluid within the reservoir (2) to fall below the MIN graduation. The tandem pump/hydraulic pump (1) must NOT draw in any air, otherwise it can be damaged due to the lack of lubrication.	
4	Press the vehicle level adjustment button repeatedly until both indicator lamps in the button go out	Vehicle level "Normal".	
5	Insert dipstick (2a) all the way into the expansion reservoir (2), pull out again, read off fluid level and correct if necessary	Read off the fluid level on the dipstick on the side with the inscription "ENGINE ON UNLADEN". The fluid level must be between the "MIN" and "MAX" marks.	
	<b>Bleeding</b>		
6	Pressurize the ABC system manually	When replacing the tandem pump/hydraulic pump (1). The vehicle must be ready to drive and standing horizontally on its wheels. 	AR32.50-P-0022-01RK  *124589242100
7	Press the vehicle level adjustment button repeatedly until both indicator lamps in the button light up	Vehicle level "High".	
8	Press the vehicle level adjustment button repeatedly until both indicator lamps in the button go out	Vehicle level "Normal".  Steps 7 and 8 must be repeated 3 times. Following removal, installation or replacement of suspension struts or valve units, steps 7 and 8 should be repeated approx. 15 times.	
9	Turn off engine		
10	After leaving to settle for approx. 10 min., pull the dipstick (2a) out of the expansion reservoir (2) and wipe off with a lint free cloth	Always wait for 10 minutes because the hydraulic fluid only flows back into the expansion reservoir (2) slowly and otherwise the measured value will be distorted.	
11	Insert dipstick (2a) all the way into the expansion reservoir (2), pull out again, read off fluid level and correct if necessary	Read off the fluid level on the dipstick on the side with the inscription "ENGINE OFF UNLADEN". The fluid level must be between the "MIN" and "MAX" marks.	
12	Start engine		
13	Check ABC front axle valve unit (Y36/1) and ABC rear axle valve unit (Y36/2) for whistling/hissing noises	In case of whistling/hissing noises in ABC front axle valve unit (Y36/1) or ABC rear axle valve unit (Y36/2): ↓ Switch off the engine at once! Raise the vehicle with the lifting platform until the suspension struts are relieved of load. Carefully open bleed screws (56 and/or 57) until hydraulic fluid slowly emerges. Close bleed screws and repeat steps 1 to 12.	

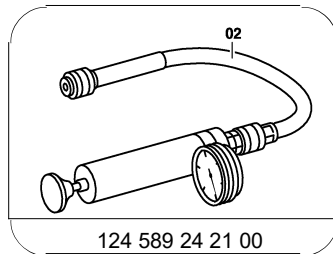
## Active Body Control

Number	Designation	Model 215	Model 220	Model 230		
BF32.50-P-1001-01A	Filling capacity	Initial charge	Liters	≈ 4	≈ 4	≈ 3.5
		Specifications for Operating Fluids	Sheet	BB00.40-P-0345-00A	BB00.40-P-0345-00A	BB00.40-P-0345-00A



126 589 12 63 00

Funnel



124 589 24 21 00

Pressure pump