

MODEL 215.373 /374 /375 /376 /378 /379

MODEL 220.028 /063 /065 /067 /070 /073 /074 /075 /128 /165 /167 /170 /173 /174 /175 /178 /179 with CODE (487) Active Body Control (ABC)

MODEL 220.176 except CODE (979) Special protection version

Shown on model 215

14 Front axle pressure reservoir

14b Nuts

14c Electrical connectors

14d Electrical connectors

56 Bleed screw

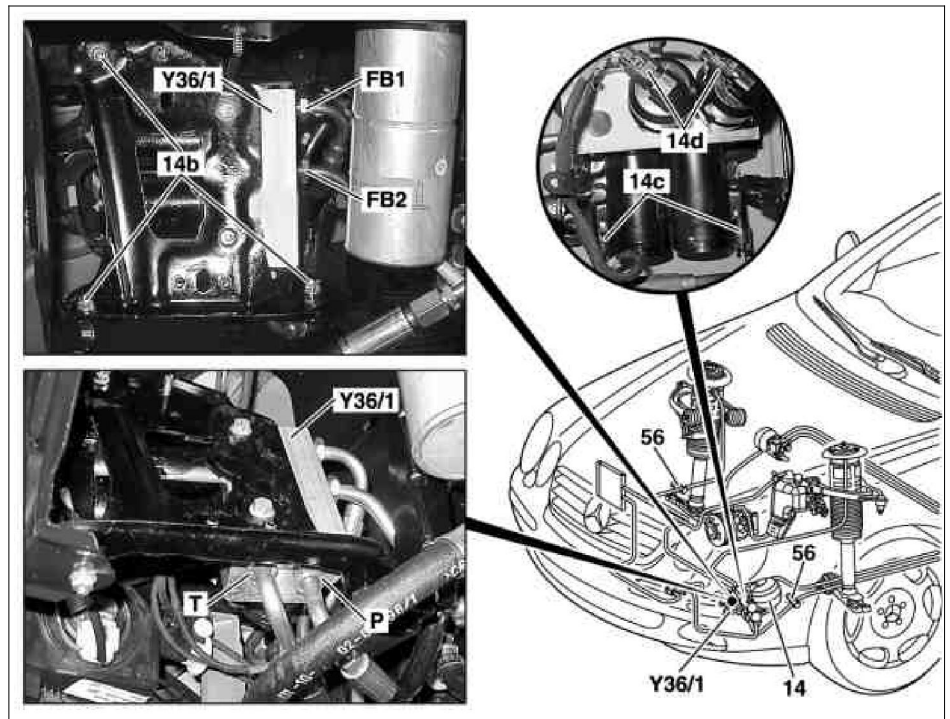
FB1 Pressure line to left front suspension strut

FB2 Pressure line to right front suspension strut

P High-pressure supply line from tandem pump

T Line to reservoir

Y36/1 Front axle ABC valve unit













P32.50-2057-06

## Modification notes

22.10.02	Safety note, included for the first time		AS00.00-Z-0010-01A
22.10.02	Safety note, included for the first time		AS00.00-Z-0005-01A
22.10.02	Special instructions on connecting hydraulic lines and hoses have been added		AH32.50-P-0001-02A
22.10.02	Section on removing lower engine-compartment encapsulation panel has been added		AR61.20-P-1105M
22.10.02	Section on removing lower acoustic insulation panels added		AR94.30-P-5300M
5.3.03	Value changed from 50 Nm to 45 Nm	Figure in Columns 1001, 1002, 1003, 1012, Lines 1 and 2, 1013 revised for Model Series 230	*BA32.50-P-1002-01A
5.3.03	Value changed from 10 Nm to 9 Nm	Figure revised in row 1006, 1007, 1010, 1014 on model 230	*BA32.50-P-1006-01A

	<b>Remove/install</b>		
	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	<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 the hydraulic system completely before starting any work on the system. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
	Notes on fitting hydraulic lines and hoses	Model 215, 220, 230	AH32.50-P-0001-02A
	Notes on Active Body Control suspension	Model 215, 220, 230	AH32.50-P-0001-01N
1.1	Detach lower engine compartment paneling	Model Series 215 with Engine 113, 137, 275, Model Series 220 with Engine 112, 113, 137, 275 Front part sections only.	AR61.20-P-1105M
1.2	Remove bottom section of soundproofing	Model 220 with engine 628 Center section and front part sections only.	AR94.30-P-5300M

2	Open the bleed screws (56) to release the pressure from the ABC system	<p> The engine must have been switched off for at least 5 minutes. To prevent the body of the vehicle from sinking rapidly, open the bleed screw (56) slowly to limit the flow rate of the emerging hydraulic fluid.</p> <p> Collect hydraulic fluid that flows out.</p> <p></p>	*BA32.50-P-1001-02B
3	Remove pressure reservoir for front suspension (14)		AR32.50-P-0010N
4	Disconnect the high-pressure lines to the left front strut (FB1) and the right front strut (FB2) from the ABC valve body for the front suspension (Y36/1)		*BA32.50-P-1002-01A
5	Disconnect the lines to the reservoir (T) and the high-pressure line from the tandem pump (P) from the ABC valve body for the front suspension (Y36/1)	<p> After switching off the engine wait at least 15 minutes before disconnecting the line to the reservoir (T) and the high-pressure line from the tandem pump (P) to allow the system to depressurize completely.</p> <p></p>	*BA32.50-P-1002-01A
6	Unscrew nuts (14b) and remove front axle ABC valve unit (Y36/1) with mounting plate		*BA32.50-P-1010-01A
7	Disconnect electrical connectors (14c) and electrical connectors (14d) from front axle ABC valve unit (Y36/1)	<p> <b>Installation:</b> The electrical plugs and connections on the ABC valve body for the front suspension (Y36/1) are color coded; take care to ensure that they are reconnected in the correct positions.</p>	
8	Detach the ABC valve body for the front suspension (Y36/1) from its mounting bracket		*BA32.50-P-1006-01A
9	Install in the reverse order		
10	<p><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</p> <p>Fill and bleed ABC system</p>	<p>Secure vehicle to prevent it from moving by itself.</p> <p>Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.</p>	<p>AS00.00-Z-0005-01A</p> <p>AR32.50-P-0021N</p>

 **Active Body Control, lines**

Number	Designation			Model 215	Model 220	Model 230
BA32.50-P-1001-02B	Bleed screw on soldered fitting in hydraulic line	M10×1	Nm	20	20	20

 **Active Body Control suspension**

Number	Designation			Model 215	Model 220	Model 230
BA32.50-P-1002-01A	Union nut, line to front/rear axle valve body		Nm	40	40	45
BA32.50-P-1006-01A	Bolt, valve body to retaining plate		Nm	10	10	9
BA32.50-P-1010-01A	Nut, front axle valve body to rubber buffer		Nm	10	10	9