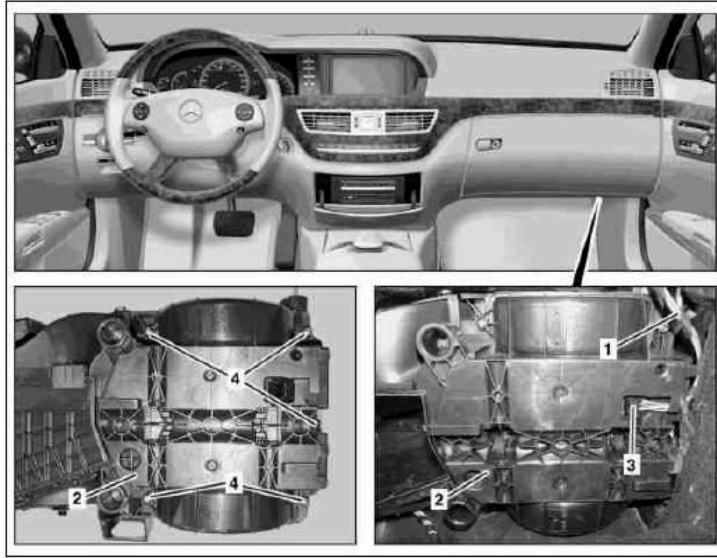


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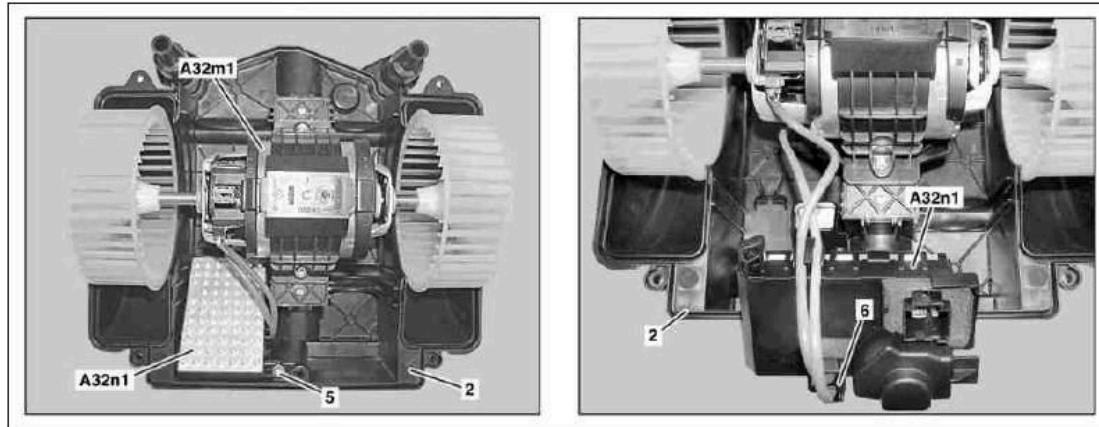
HVAC Climate Control - Testing & Repair - S-Class (221)

- 1 Wiring harness
- 2 Housing
- 3 Electrical connector
- 4 Bolts



P83.10-2518-06




Fig. 2: Identifying Front Blower Motor Remove/Install Components (1 Of 2)
 Courtesy of MERCEDES-BENZ USA



P83.10-2520-06

- 2 Housing
- 5 Bolt
- 6 Electrical connector
- A32m1 Blower motor
- A32n1 Blower regulator

Fig. 3: Identifying Front Blower Motor Remove/Install Components (2 Of 2)
 Courtesy of MERCEDES-BENZ USA

 AP  AD	Remove/install		
1	Switch off ignition and withdraw transmitter key or Keyless Go start/stop button from the EIS [EVS] control unit	 PE Keyless Go start/stop button only for vehicles with code (889) Keyless Go.	
2	Remove cover below instrument panel on right		AR68.10-P-1520SX

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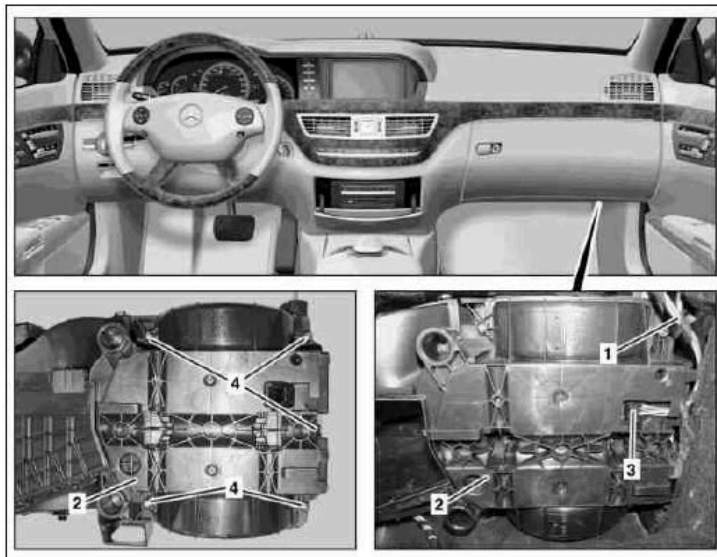
3	Expose electrical wiring harness (1) on housing (2) of blower motor (A32m1) and detach electrical connector (3)		
4	Remove bolts (4)		
5	Remove housing (2) with blower motor (A32m1) from air conditioner housing		
6	Unscrew bolt (5).		
7	Remove blower regulator (A32n1) from housing (2) and detach electrical connector (6)		
8	Install in the reverse order		

REMOVE/INSTALL BLOWER REGULATOR - AR83.10-P-1200SX

MODEL 216.3, 221.0 /1

Illustrated on model 221

- 1 Wiring harness
- 2 Housing
- 3 Electrical connector
- 4 Bolts

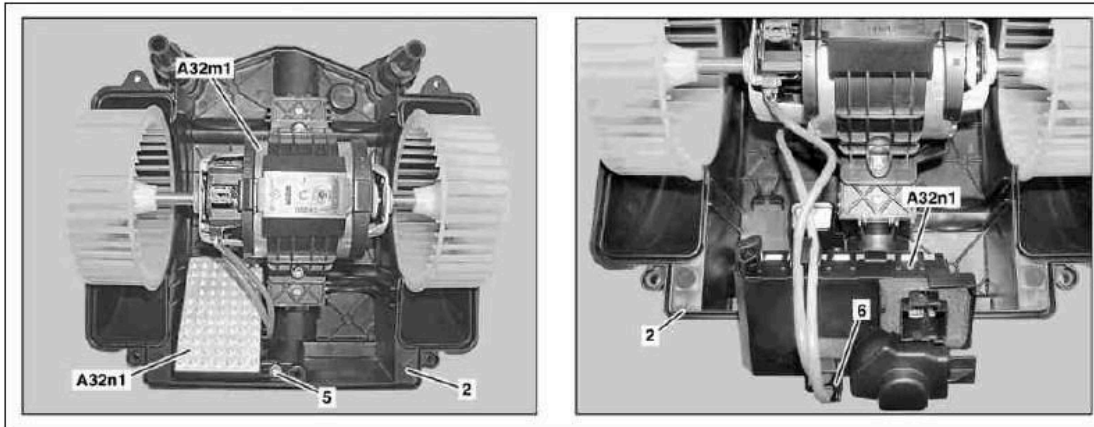


P83.10-2518-06

Fig. 4: Identifying Blower Regulator Remove/Install Components (1 Of 2)
Courtesy of MERCEDES-BENZ USA

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HVAC Climate Control - Testing & Repair - S-Class (221)






P83.10-2520-08

2 Housing
5 Bolt
6 Electrical connector

A32m1 Blower motor
A32n1 Blower regulator

Fig. 5: Identifying Blower Regulator Remove/Install Components (2 Of 2)

Courtesy of MERCEDES-BENZ USA

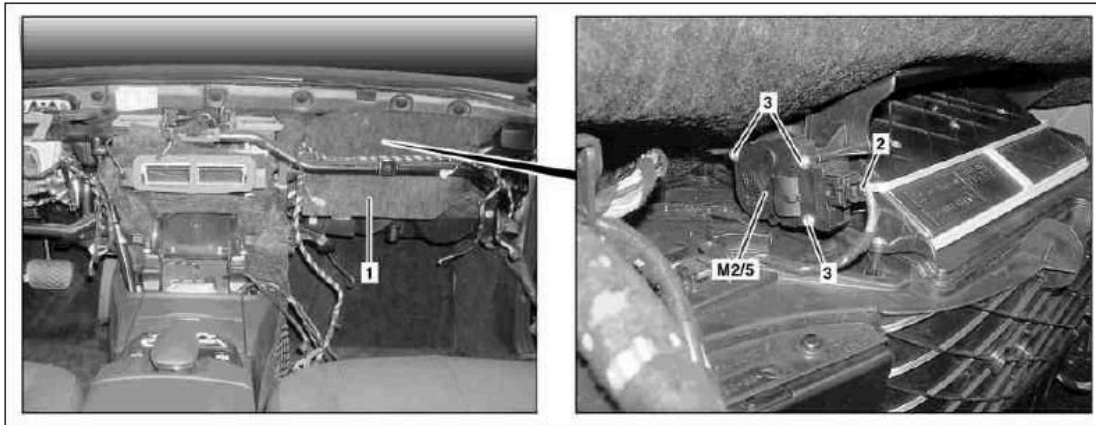
 AP  AD	Remove/install		
1	Switch off ignition and withdraw transmitter key or Keyless Go start/stop button from the EIS [EZS] control unit	 PE	Keyless Go start/stop button only for vehicles with code (889) Keyless Go.
2	Remove cover below instrument panel on right		<u>AR68.10-P-1520SX</u>
3	Expose electrical wiring harness (1) on housing (2) of blower motor (A32m1) and detach electrical connector (3)		
4	Remove bolts (4)		
5	Remove housing (2) with blower motor (A32m1) from air conditioner housing		
6	Unscrew bolt (5).		
7	Remove blower regulator (A32n1) from housing (2) and detach electrical connector (6)		
8	Install in the reverse order		

REMOVE/INSTALL FRESH AIR/AIR RECIRCULATION FLAPS ACTUATOR MOTOR - AR83.10-P-2001SX

MODEL 216.3, 221.0 /1

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HVAC Climate Control - Testing & Repair - S-Class (221)



P83.10-2531-08

1 Damping mat
2 Electrical connector

3 Bolts

M2/5 Fresh air/air recirculation flaps
actuator motor

Fig. 6: Identifying Fresh Air/Air Recirculation Flaps Actuator Motor, Damping Mat, Electrical Connector And Bolts

Courtesy of MERCEDES-BENZ USA

Shown on model 221

AP AD	Remove/install		
1	Remove instrument panel	Model 216	AR68.10-P-1000SC
		Model 221	AR68.10-P-1000SX
2	Fold up damping mat (1) and remove air duct for the right side air vent from air conditioner housing		
3	Remove fresh air/air recirculation flaps actuator motor (M2/5) from air conditioner housing	PE Installation: When replacing, adjust position of the air recirculation flap drive shaft to the position of the actuating drive on the fresh air/air recirculation flaps actuator motor (M2/5).	
4	Install in the reverse order		
5	Teach in and normalize fresh air/air recirculation flaps actuator motor (M2/5)	PE Menu item: control unit adaptations, teach in actuator motors, normalize actuator motors.	
	Connect STAR		AD00.00-P-2000-04A

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HVAC Climate Control - Testing & Repair - S-Class (221)

	DIAGNOSIS and read out fault memory	
	STAR DIAGNOSIS diagnostic system	*WH58.30-Z-1048-13A

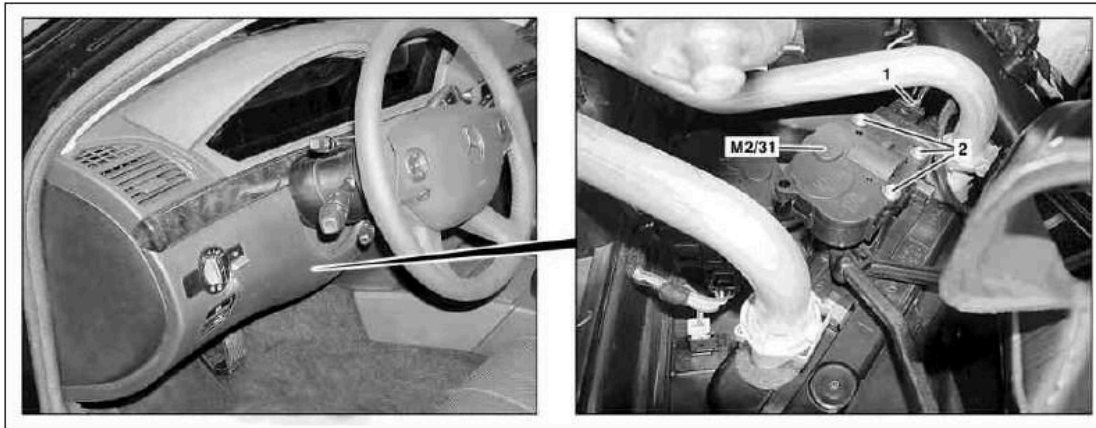
COMMERCIALLY AVAILABLE TOOLS

Number	Designation	
WH58.30-Z-1048-13A	STAR DIAGNOSIS diagnostic system, Compact Passenger Car	6511 1801 00

REMOVE AND INSTALL LEFT BLEND AIR FLAP ACTUATOR MOTOR - AR83.10-P-2002SX

MODEL 216.3, 221.0 /1

Lower left blend air flap actuator motor



P83.10-2547-08

1 Electrical connector

2 Bolts

M2/31 Lower left blend air flap actuator motor

Fig. 7: Identifying Lower Left Blend Air Flap Actuator Motor, Electrical Connector And Bolts
Courtesy of MERCEDES-BENZ USA

Shown on model 221

AP AD	Remove/install		
1	Remove additional fan for instrument cluster/ COMAND display		AR54.30-P-6000SX
2	Remove lower left blend air flap actuator motor (M2/31) from air conditioner housing	Installation: Match the position of the connection of the lower left blend air flaps to the position of the actuating drive on the lower left	