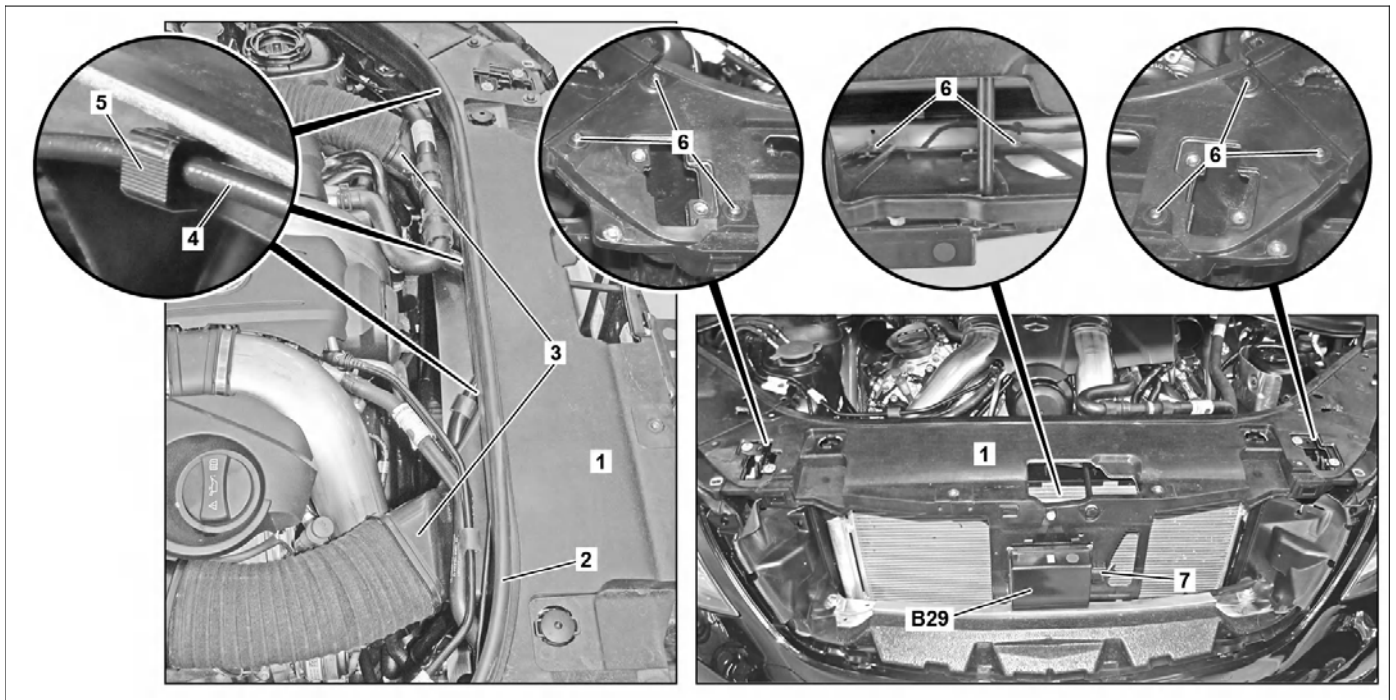


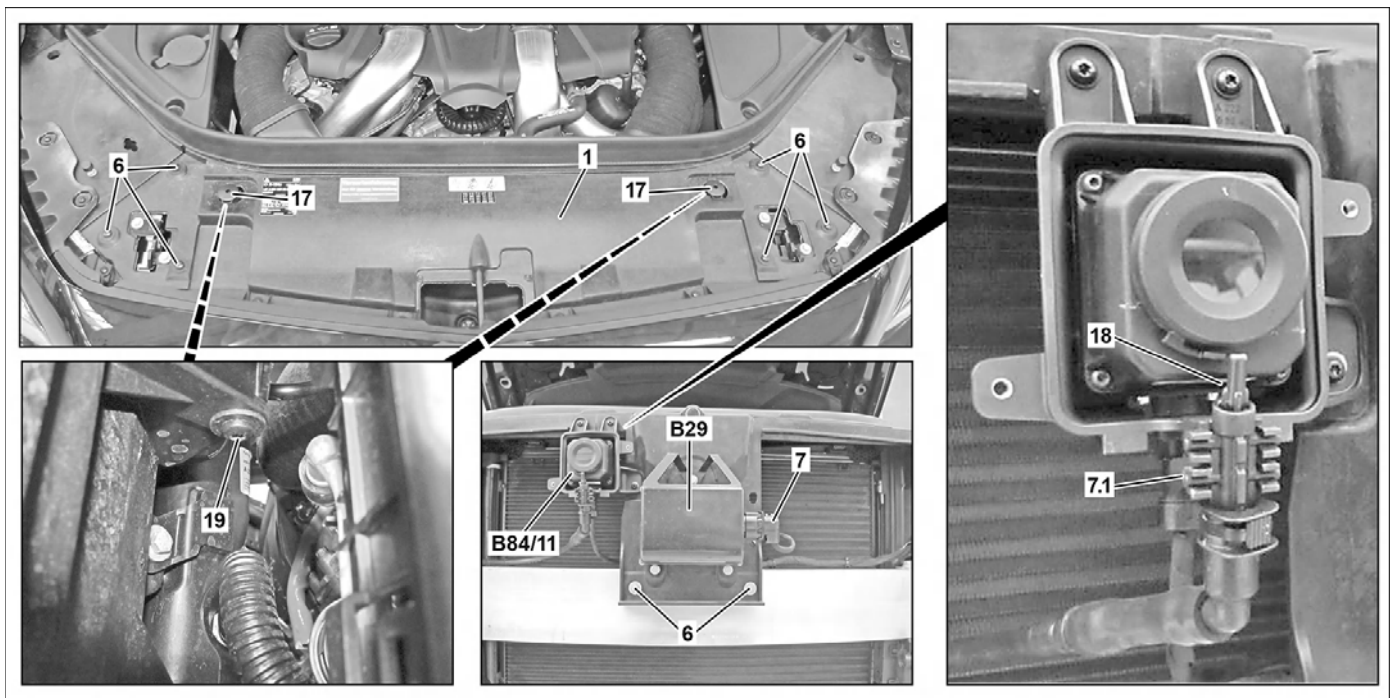
Model 217, 222  
except code 1U6 (R744 refrigerant)



P83.30-4892-09

Shown on model 222 with code P20 (Driving Assistance Package Plus)

- |   |                         |     |                               |
|---|-------------------------|-----|-------------------------------|
| 1 | Reinforcement           | 5   | Retaining clips               |
| 2 | Sealing                 | 6   | Bolts                         |
| 3 | Engine air intake ducts | 7   | Electrical connector          |
| 4 | Hood release cable      | B29 | Front long-range radar sensor |



P83.30-4968-09

Shown on model 217 with code 610 (Night View Assist) and code P20 (Driving Assistance Plus Package)

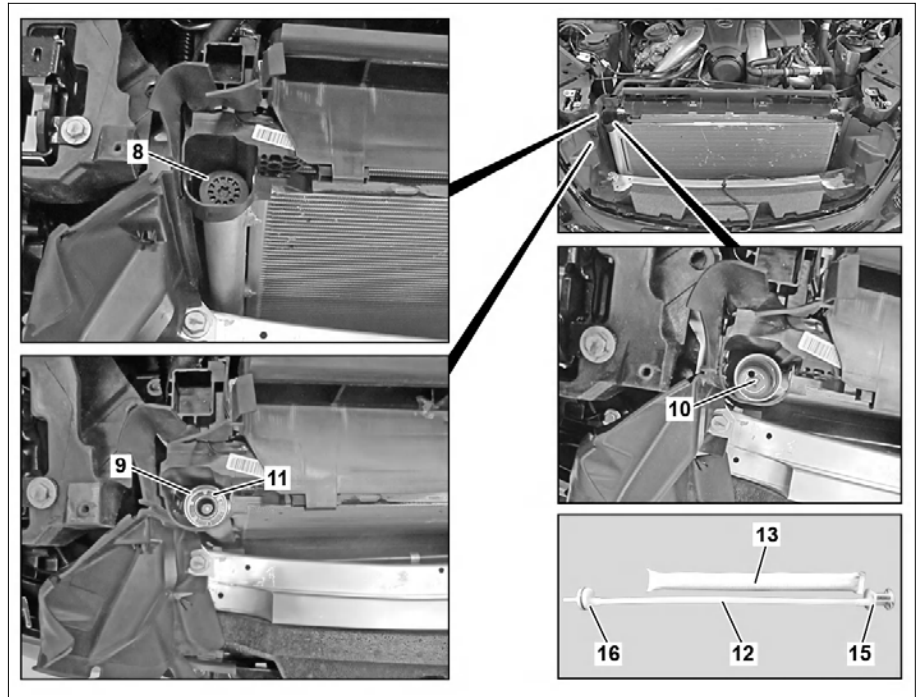
- |   |               |    |                 |
|---|---------------|----|-----------------|
| 1 | Reinforcement | 17 | Radiator guides |
|---|---------------|----|-----------------|

- 6 Bolts
- 7 Electrical connector
- 7.1 Electrical connector

- 18 Spray nozzle
- B29 Front long-range radar sensor
- B84/11 Night View Assist infrared camera 2





**Shown on model 222**

- 8 Drier cap
- 9 Retaining ring
- 10 Pin
- 11 Drier head
- 12 Drier module riser line
- 13 Desiccant bag
- 16 Drier module bracket



P83.30-4893-06

	<b>Risk of fire</b> due to ignition of R1234yf refrigerant on hot components. <b>Risk of poisoning</b> caused by inhaling overheated refrigerant vapors. <b>Risk of injury</b> to skin and eyes caused by contact with escaped R1234yf refrigerant and when working on pressurized parts. <b>Risk of explosion</b> due to formation of ignitable refrigerant/air mixtures	Never perform welding work on or near a closed air conditioning system. No smoking or open flames. Wear safety glasses and protective gloves. Work only in well ventilated rooms. Carry out repair work on the air conditioning system circuit only after the system has been evacuated. Model 217, 222 with code 2U8 (Alternative refrigerant) except code 1U6 (R744 refrigerant)	AS83.00-Z-0007-01A
⚠ Warning	<b>Risk of poisoning</b> caused by inhaling overheated refrigerant vapors from an air conditioning system containing R134a. <b>Risk of injury</b> to skin and eyes caused by contact with liquid R134a refrigerant and when working on pressurized parts	Never perform welding work on or near a closed air conditioning system. No smoking or open flames. Wear safety glasses and protective gloves. Work only in well ventilated rooms. Carry out repair work on the air conditioning system circuit only after the system has been evacuated. Model 217, 222 except code 1U6 (R744 refrigerant) except code 2U8 (Alternative refrigerant)	AS83.00-Z-0006-01A
	Protect air conditioning circuit and components from moisture when carrying out repair work		AH83.30-N-0005-01A
	Notes on handling refrigerant R1234yf	Model 217, 222 with code 2U8 (Alternative refrigerant) except code 1U6 (R744 refrigerant)	AH83.30-P-0003-02A
	Notes on handling refrigerant R134a	Model 217, 222 except code 1U6 (R744 refrigerant) except code 2U8 (Alternative refrigerant)	AH83.30-N-0003-01A
✂	<b>Remove</b>		
1	Drain air conditioning system		AR83.30-P-1760LF
2	Detach sealing (2) in area of front module		
3	Remove engine intake air ducts (3)	<b>i</b> Depending on the engine involved, only one engine air intake duct (3) is installed.	
4.1	Remove front bumper	Model 217 except code 1U6 (R744 refrigerant)	AR88.20-P-2000LC
4.2	Remove radiator grille	Model 222 except code 1U6 (R744 refrigerant)	AR88.40-P-4001LF
5	Open retaining clips (5) and unhook hood release cable (4)		
6	Release and disconnect electrical connector (7) from front long range radar sensor (B29)	Model 217, 222 with code P20 (Driving Assistance package Plus) except code 1U6 (R744 refrigerant)	

7	Release and disconnect electrical connector (7.1) from infrared camera for 2 Night View Assist (B84/11)	Model 217, 222 with code 610 (Night view assist) except code 1U6 (R744 refrigerant)	
8	Unclip spray nozzle (18) from infrared camera for 2 Night View Assist (B84/11)	Model 217, 222 with code 610 (Night view assist) except code 1U6 (R744 refrigerant)	
9	Remove bolts (6) from reinforcement (1)		
10	Remove reinforcement (1) with upper radiator guides (17)		
11	Unscrew drier cap (8)		
12	Remove circlip (9)		
13	Screw bolt M12 into drier head (11) and pull out drier head (11)		
14	Use pliers to pull out drier module bracket (16) at pin (10)		
	<b>Install</b>		
15	Apply new desiccant bag (13) on drier module riser line (12)	 If the packaging of the new desiccant bag (13) is damaged, do not install it.	
16	Install drier module bracket (16) with new desiccant bag (13)		
17	Remove bolt M12 from drier head (11)		
18	Install retaining ring (9)		
19	Screw in drier cap (8)		
20	Install reinforcement (1) with upper radiator guides (17)		
21	Tighten bolts (6) on reinforcement (1)		
22	Clip in spray nozzle (18) for infrared camera for 2 Night View Assist (B84/11)	Model 217, 222 with code 610 (Night view assist) except code 1U6 (R744 refrigerant)	
23	Plug electrical connector (7.1) onto infrared camera for 2 Night View Assist (B84/11) until it locks in to place	Model 217, 222 with code 610 (Night view assist) except code 1U6 (R744 refrigerant)	
24	Plug electrical connector (7) onto front long range radar sensor (B29) until it locks into place	Model 217, 222 with code P20 (Driving Assistance package Plus) except code 1U6 (R744 refrigerant)	
25	Clip hood release cable (4) into retaining clips (5) and close retaining clips (5)		
26.1	Install radiator trim	Model 222 except code 1U6 (R744 refrigerant)	AR88.40-P-4001LF
26.2	Install front bumper	Model 217 except code 1U6 (R744 refrigerant)	AR88.20-P-2000LC
27	Install engine air intake ducts (3)	 Depending on the engine involved, only one engine air intake duct (3) is installed.	
28	Install sealing (2)		
29	Fill air conditioning system		AR83.30-P-1760LF
30	Perform initialization of front long range radar sensor (B29) using a diagnostic system	Model 217, 222 with code P20 (Driving Assistance package Plus) except code 1U6 (R744 refrigerant)	
 AD			AD00.00-P-2000-04B
31	Check air conditioning for proper operation		