

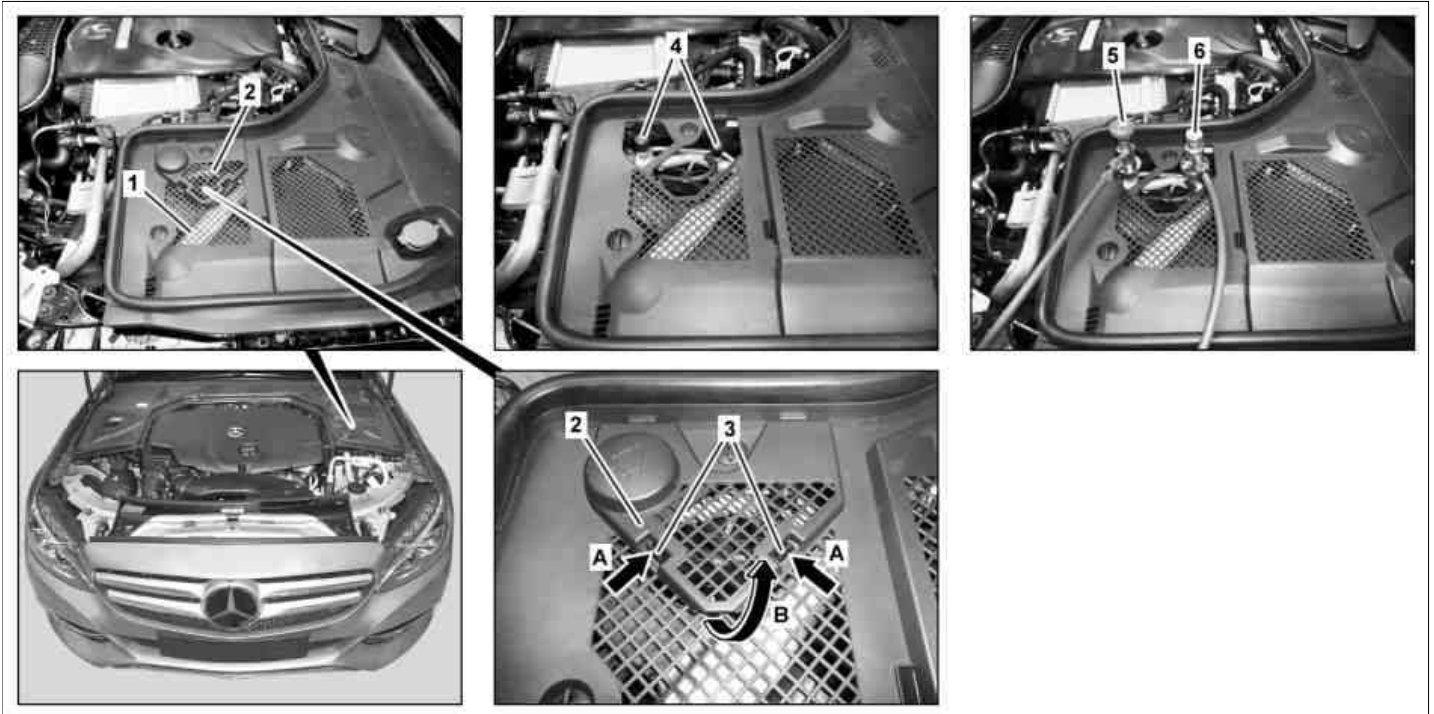
Document title Drain, evacuate and recharge air conditioning, check for proper operation and check for leaks

Document number ar8330p1760lw

Model 205
 Model 213
 Model 253

Modification notes

09.07.2020	Air conditioning/automatic air conditioning	BF83.00-P-1001-01N
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


P83.30-4914-09


Shown on model 205

- | | |
|--------------------|----------------------|
| 1 Left water drain | 4 Plugs |
| 2 Cover panel | 5 Filling connection |
| 3 Catches | 6 Filling connection |


	Risk of fire due to ignition of R1234yf refrigerant on hot components. Risk of poisoning caused by inhaling overheated refrigerant vapors. Risk of injury to skin and eyes caused by contact with escaped R1234yf refrigerant and when working on pressurized parts. Risk of explosion 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 205, 213, 253 with code 2U8 (Alternative refrigerant)	AS83.00-Z-0007-01A
	Risk of injury when working on air conditioning systems due to R744 refrigerant escaping under pressure. Risk of suffocation from inhaling R744 refrigerant in high concentrations. Health hazard caused by inhalation of R744 refrigerant	Wear safety glasses and protective gloves. Work only in well ventilated areas. Carry out repair work on the air conditioning system circuit only after the system has been evacuated. Model 213 with code 1U6 (R744 refrigerant)	AS83.00-Z-0008-01A

 Warning	Risk of poisoning caused by inhaling overheated refrigerant vapors from an air conditioning system containing R134a. Risk of injury 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 205, 253 except code 2U8 (Alternative refrigerant) Model 213 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
	Procedure for a damaged or leaky air conditioning system		AH83.30-N-0004-01A
	Notes on handling refrigerant R134a	Model 205, 253 except code 2U8 (Alternative refrigerant) Model 213 except code 1U6 (R744 refrigerant) except code 2U8 (Alternative refrigerant)	AH83.30-N-0003-01A
	Notes on handling refrigerant R1234yf	Model 205, 213, 253 with code 2U8 (Alternative refrigerant)	AH83.30-P-0003-02A
	Notes on handling refrigerant R744	Model 213 with code 1U6 (R744 refrigerant)	AH83.30-P-0003-03A
	Draining		
1	Press catches (3) in direction of arrow (A), swivel cover hood (2) upward in direction of arrow (B) and remove.	Model 205, 253	
2	Unscrew plugs (4).		
3	Connect filler connections (5, 6) of air conditioning service unit to respective service connections.		
 WS	000 588 04 82 00 Air conditioning service unit R134a	Model 205, 253 except code 2U8 (Alternative refrigerant) Model 213 except code 1U6 (R744 refrigerant) except code 2U8 (Alternative refrigerant)	WS83.00-P-0031B
 WS	000 588 09 82 00 R744 air conditioning service unit	Model 213 with code 1U6 (R744 refrigerant)	WS83.00-P-0033B
 WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 205, 213, 253 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
		 When operating the air conditioning service unit, proceed in accordance with the operator's manual from the manufacturer.	
4	Extract refrigerant.		
5	Note down quantity of extracted refrigerant as well as compressor oil.		
6.1	Check receiver drier for re-usability.	Model 205, 253 Model 213 except code 1U6 (R744 refrigerant) If necessary, ↓ Replace drier cartridge. Model 205 Model 213 except code 1U6 (R744 refrigerant) Model 253 (except 253.992/993) Model 253.992/993	AR83.30-P-6521LW AR83.30-P-6521RFW
6.2	Check refrigerant reservoir with integrated receiver drier for re-usability.	Model 213 with code 1U6 (R744 refrigerant) If necessary, ↓ Replace the fluid reservoir.	AR83.30-P-6520LWB
	Evacuate		
7	Clean refrigerant and evacuate refrigerant circuit.		
8	Conduct vacuum test using air conditioning service unit.		


<p>WS</p> <p>WS</p> <p>WS</p>	<p>000 588 04 82 00 Air conditioning service unit R134a</p> <p>000 588 10 82 00 R1234yf air conditioning service unit</p> <p>000 588 09 82 00 R744 air conditioning service unit</p>	<p>Model 205, 253 except code 2U8 (Alternative refrigerant) Model 213 except code 1U6 (R744 refrigerant) except code 2U8 (Alternative refrigerant)</p> <p>Model 205, 213, 253 with code 2U8 (Alternative refrigerant)</p> <p>Model 213 with code 1U6 (R744 refrigerant)</p>	<p>WS83.00-P-0031B</p> <p>WS83.00-P-0034B</p> <p>WS83.00-P-0033B</p>
<p>9</p> <p>BB</p>	<p>Filling</p> <p>Add new compressor oil to the refrigerant circuit according to the oil filling capacity noted during extraction.</p> <p>Compressor oils (specification 362.1)</p>	<p>ⓘ Only use the approved compressor oil. If it is proven that other compressor oils have been used, reimbursement of costs within the warranty and goodwill period will be refused. Daimler AG reserves the right to perform reexaminations.</p> <p>ⓘ Correct oil filling quantity in refrigerant circuit. In the event of an incorrectly measured oil filling quantity, the refrigerant compressor may be damaged.</p> <p>ⓘ Depending on the repair case, correct oil filling capacity accordingly.</p> <p>ⓘ Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 205 with code ME04 (Mild hybrid drive) with code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 253.992/993 with code ME02 (Fuel cell)Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)</p> <p>ⓘ Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 213 with code 1U6 (R744 refrigerant) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin)) except code 1U6 (R744 refrigerant)Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)</p>	<p>BB00.40-P-0362-01A</p> <p>*BF83.55-P-1002-01J</p> <p>*BF83.55-P-1002-02B</p>

 Model 205
except code ME04 (Mild hybrid drive)
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 205
with code ME04 (Mild hybrid drive)
Model 205
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 253 (except 253.992/993)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253 (except 253.992/993)
with code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253.992/993
with code ME02 (Fuel cell)Additional oil filling
quantity after replacement of condenser


*BF83.55-P-1003-01J

 Model 213
except code 1U6 (R744 refrigerant)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 213
with code 1U6 (R744 refrigerant)
Model 213
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
except code 1U6 (R744 refrigerant)Additional
oil filling capacity after replacing condenser/gas
cooler


*BF83.55-P-1003-02B

 Model 205
except code ME04 (Mild hybrid drive)
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 205
with code ME04 (Mild hybrid drive)
Model 205
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 253 (except 253.992/993)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253 (except 253.992/993)
with code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253.992/993
with code ME02 (Fuel cell)Additional oil filling
quantity after replacement of evaporator


*BF83.55-P-1004-01J

 Model 213
except code 1U6 (R744 refrigerant)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 213
with code 1U6 (R744 refrigerant)
Model 213
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
except code 1U6 (R744 refrigerant)Additional
oil filling quantity after replacement of
evaporator


*BF83.55-P-1004-02B

 Model 205
except code ME04 (Mild hybrid drive)
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 205
with code ME04 (Mild hybrid drive)
Model 205
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 253 (except 253.992/993)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253 (except 253.992/993)
with code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253.992/993
with code ME02 (Fuel cell)Additional oil filling
quantity after replacement of suction line


*BF83.55-P-1005-01J

 Model 213
except code 1U6 (R744 refrigerant)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 213
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
except code 1U6 (R744 refrigerant)Additional
oil filling quantity after replacement of suction
line


*BF83.55-P-1005-02B

 Model 205
except code ME04 (Mild hybrid drive)
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 205
with code ME04 (Mild hybrid drive)
Model 205
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 253 (except 253.992/993)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253 (except 253.992/993)
with code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253.992/993
with code ME02 (Fuel cell)Additional oil filling
quantity after replacement of pressure line


*BF83.55-P-1006-01J

 Model 213
except code 1U6 (R744 refrigerant)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 213
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
except code 1U6 (R744 refrigerant)Additional
oil filling quantity after replacement of pressure
line


*BF83.55-P-1006-02B

 Model 205
except code ME04 (Mild hybrid drive)
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 205
with code ME04 (Mild hybrid drive)
Model 205
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 253 (except 253.992/993)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253 (except 253.992/993)
with code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253.992/993
with code ME02 (Fuel cell)Additional oil filling
quantity after replacement of refrigerant
compressor


*BF83.55-P-1007-01J

 Model 213
except code 1U6 (R744 refrigerant)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 213
with code 1U6 (R744 refrigerant)
Model 213
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
except code 1U6 (R744 refrigerant)Additional
oil filling quantity after replacement of
refrigerant compressor




*BF83.55-P-1007-02B

 Model 205
except code ME04 (Mild hybrid drive)
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 205
with code ME04 (Mild hybrid drive)
Model 205
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 253 (except 253.992/993)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253 (except 253.992/993)
with code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
Model 253.992/993
with code ME02 (Fuel cell)Additional oil filling
quantity with detectable leakage



*BF83.55-P-1008-01J

 Model 213
except code 1U6 (R744 refrigerant)
except code ME05 (Hybrid drive 85 kW-94 kW
variant (incl. plug-in))
except code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
Model 213
with code ME06 (Hybrid drive 60 kW variant
(incl. plugin))
except code 1U6 (R744 refrigerant)Additional
oil filling quantity with detectable leakage

*BF83.55-P-1008-02B

		<p> Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 253.992/993 with code ME02 (Fuel cell)Additional oil filling quantity after replacement of desiccant cartridge</p> <p> Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin)) except code 1U6 (R744 refrigerant)Additional oil filling quantity after replacement of desiccant cartridge</p> <p> Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin)) Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 253.992/993 with code ME02 (Fuel cell)Additional oil filling capacity after replacing high-voltage battery</p> <p> Model 213 with code 1U6 (R744 refrigerant)Additional oil filling capacity after replacing rechargeable battery - internal heat exchanger</p> <p> Model 213 with code 1U6 (R744 refrigerant)Additional oil filling capacity after replacing a refrigerant line or several refrigerant lines</p>	<p>*BF83.55-P-1009-01J</p> <p>*BF83.55-P-1009-02B</p> <p>*BF83.55-P-1010-01J</p> <p>*BF83.55-P-1011-02B</p> <p>*BF83.55-P-1012-02B</p>
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10	Fill air conditioning.	<p>Model 213 (except 213.004/005/008/012/013/019/059/061/088/089 /204/205/208/212/213/217/219/259/260/261/28 8/289) except code 2U8 (Alternative refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME08 (Hybrid drive 75-84 kW VARIANT (INCLUDING PLUGIN)) Model 213 (except 213.004/005/008/012/013/019/059/061/088/089 /204/205/208/212/213/217/219/259/260/261/28 8/289) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code 2U8 (Alternative refrigerant) Model 213 (except 213.004/005/008/012/013/019/059/061/088/089 /204/205/208/212/213/217/219/259/260/261/28 8/289) with code ME08 (Hybrid drive 75-84 kW VARIANT (INCLUDING PLUGIN)) except code 2U8 (Alternative refrigerant) Model 213.0 (except 213.004/005/008/012/013/019/059/061/088/089 , 213.2 (except 213.204/205/208/212/213/217/219/259/260/261 /288/289) with code 2U8 (Alternative refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME08 (Hybrid drive 75-84 kW VARIANT (INCLUDING PLUGIN)) Model 213.0 (except 213.004/005/008/012/013/019/059/061/088/089 , 213.2 (except 213.204/205/208/212/213/217/219/259/260/261 /288/289) with code 2U8 (Alternative refrigerant) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213.0 (except 213.004/005/008/012/013/019/059/061/088/089 , 213.2 (except 213.204/205/208/212/213/217/219/259/260/261 /288/289) with code 2U8 (Alternative refrigerant) with code ME08 (Hybrid drive 75-84 kW VARIANT (INCLUDING PLUGIN)) Model 213.004/005/008/012/013/019/204/205/208/212 /213/217/219 with code 2U8 (Alternative refrigerant) with code 9U8 (Control code - Major assembly technical further development) Model 213.004/005/008/012/013/019/204/205/208/212 /213/217/219 with code 9U8 (Control code - Major assembly technical further development) except code 2U8 (Alternative refrigerant) Model 213.059/061/259/260/261 except code 2U8 (Alternative refrigerant) Model 213.059/061/259/260/261 with code 2U8 (Alternative refrigerant) Model 213.088/089/288/289 with code 2U8 (Alternative refrigerant)Air conditioning/automatic air conditioning</p>	*BF83.00-P-1001-01N
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		 Model 205 (except 205.012/047/086/087/147/212/247/286/287/386/387/486/487) except code 2U8 (Alternative refrigerant) Model 205 (except 205.012/047/086/087/147/212/247/286/287/386/387/486/487) with code 2U8 (Alternative refrigerant) Model 205.012/212 except code 2U8 (Alternative refrigerant) Model 205.012/212 with code 2U8 (Alternative refrigerant) Model 205.047/147/247 except code 2U8 (Alternative refrigerant) Model 205.047/147/247 with code 2U8 (Alternative refrigerant) Model 205.086/087/286/287/386/387/486/487 except code 2U8 (Alternative refrigerant) Model 205.086/087/286/287/386/387/486/487 with code 2U8 (Alternative refrigerant) Model 253 (except 253.354/954/992/993) except code 2U8 (Alternative refrigerant) Model 253 (except 253.354/954/992/993) with code 2U8 (Alternative refrigerant) Model 253.354/954 except code 2U8 (Alternative refrigerant) Model 253.354/954 with code 2U8 (Alternative refrigerant) Model 253.992/993 with engine 780 with code 2U8 (Alternative refrigerant) with code ME02 (Fuel cell)Air conditioning/automatic air conditioning	*BF83.00-P-1001-01M
	Check		
11	Conduct pressure test using air conditioning service unit.	If there is a pressure drop during the pressure test, ↓ Check air conditioning system for leakage.	AR83.30-P-1761LW
12	Remove filler connections (5, 6).		
13	Screw on plugs (4).		
14	Install cover hood (2).	Model 205, 253	

 **Air conditioning/automatic air conditioning**

Number	Designation		Model 205 (except 205.012/047/086/087/147/212/247/286/287/386/387/486/487) except code 2U8 (Alternative refrigerant)	Model 205 (except 205.012/047/086/087/147/212/247/286/287/386/387/486/487) with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	630	630
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 **Air conditioning/automatic air conditioning**

Number	Designation		Model 205.012/212 except code 2U8 (Alternative refrigerant)	Model 205.012/212 with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	710	690
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 **Air conditioning/automatic air conditioning**

Number	Designation		Model 205.047/147/247 except code 2U8 (Alternative refrigerant)	Model 205.047/147/247 with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	670	670
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 205.086/087/286/287/ 386/387/486/487 except code 2U8 (Alternative refrigerant)	Model 205.086/087/286/287 /386/387/486/487 with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	610	600
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 253 (except 253.354/954/992/993) except code 2U8 (Alternative refrigerant)	Model 253 (except 253.354/954/992/993) with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	630	630
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 253.354/954 except code 2U8 (Alternative refrigerant)	Model 253.354/954 with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	670	670
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 253.992/993 with engine 780 with code 2U8 (Alternative refrigerant) with code ME02 (Fuel cell)
BF83.00-P-1001-01M	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	670
		Sheet R134a	-
		Sheet R1234yf	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 213.004/005/008/012/ 013/019/204/205/208/ 212/213/217/219 with code 2U8 with code 9U8	Model 213.004/005/008/012 /013/019/204/205/20 8/212/213/217/219 with code 9U8 except code 2U8
BF83.00-P-1001-01N	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	570	610
		Sheet R134a	-	BB00.40-P-0361-00A
		Sheet R1234yf	BB00.40-P-0361-01A	-

 Air conditioning/automatic air conditioning

Number	Designation		Model 213.059/061/259/260/ 261 with code 2U8	Model 213.059/061/259/260 /261 except code 2U8
BF83.00-P-1001-01N	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	590	590
		Sheet R134a	-	BB00.40-P-0361-00A
		Sheet R1234yf	BB00.40-P-0361-01A	-

 Air conditioning/automatic air conditioning

Number	Designation		Model 213.088/089/288/289 with code 2U8	Model 213.0/2 (except 213.004/005/008/012 /013/019/059/061/08 8/089/204/205/208/2 12/213/217/219/259/ 260/261/288/289) except code ME05/ ME08 with code 2U8
BF83.00-P-1001-01N	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	550	630
		Sheet R134a	-	-
		Sheet R1234yf	BB00.40-P-0361-01A	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 213 (except 213.004/005/008/012/ 013/019/059/061/088/ 089/204/205/208/212/ 213/217/219/259/260/ 261/288/289) except code 2U8/ME05/ ME08	Model 213.0/2 with code ME05/ME08 with code 2U8
BF83.00-P-1001-01N	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	630	670
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

 Air conditioning/automatic air conditioning

Number	Designation		Model 213 with code ME05/ME08 except code 2U8
BF83.00-P-1001-01N	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	670
		Sheet R134a	BB00.40-P-0361-00A
		Sheet R1234yf	-

 Refrigerant compressor

Number	Designation	Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil cm ³	40
	Sheet		40
			BB00.40-P-0362-01A
			BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil cm ³	40
	Sheet		40
			BB00.40-P-0362-01A
			BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil cm ³
	Sheet	40
		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code 1U6 (R744 refrigerant)
BF83.55-P-1002-02B	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil cm ³	40
	Sheet		10
			BB00.40-P-0362-01A
			BB00.40-P-0362-03A

 Refrigerant compressor

Number	Designation			Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1002-02B	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil	cm ³	40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1003-01J	Additional oil filling quantity after replacement of condenser	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor


Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1003-01J	Additional oil filling quantity after replacement of condenser	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1003-01J	Additional oil filling quantity after replacement of condenser	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code 1U6 (R744 refrigerant)
BF83.55-P-1003-02B	Additional oil filling capacity after replacing condenser/gas cooler	Compressor oil	cm ³	20	10
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-03A

 Refrigerant compressor

Number	Designation			Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1003-02B	Additional oil filling capacity after replacing condenser/gas cooler	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1004-01J	Additional oil filling quantity after replacement of evaporator	Compressor oil	cm ³	40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1004-01J	Additional oil filling quantity after replacement of evaporator	Compressor oil	cm ³	40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1004-01J	Additional oil filling quantity after replacement of evaporator	Compressor oil	cm ³	40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code 1U6 (R744 refrigerant)
BF83.55-P-1004-02B	Additional oil filling quantity after replacement of evaporator	Compressor oil	cm ³	40	10
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-03A

 Refrigerant compressor

Number	Designation			Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1004-02B	Additional oil filling quantity after replacement of evaporator	Compressor oil	cm ³	40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1005-01J	Additional oil filling quantity after replacement of suction line	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1005-01J	Additional oil filling quantity after replacement of suction line	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1005-01J	Additional oil filling quantity after replacement of suction line	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1005-02B	Additional oil filling quantity after replacement of suction line	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1006-01J	Additional oil filling quantity after replacement of pressure line	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1006-01J	Additional oil filling quantity after replacement of pressure line	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1006-01J	Additional oil filling quantity after replacement of pressure line	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1006-02B	Additional oil filling quantity after replacement of pressure line	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1007-01J	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1007-01J	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1007-01J	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code 1U6 (R744 refrigerant)
BF83.55-P-1007-02B	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil	cm ³	20	-
		Sheet		BB00.40-P-0362-01A	-

 Refrigerant compressor

Number	Designation			Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1007-02B	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1008-01J	Additional oil filling quantity with detectable leakage	Compressor oil	cm ³	20	20

 Refrigerant compressor

Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1008-01J	Additional oil filling quantity with detectable leakage	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1008-01J	Additional oil filling quantity with detectable leakage	Compressor oil	cm ³	-
		Sheet		-

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1008-02B	Additional oil filling quantity with detectable leakage	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 except code ME04 (Mild hybrid drive) except code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253 (except 253.992/993) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm ³	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 213 except code 1U6 (R744 refrigerant) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 213 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) Model 213 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))
BF83.55-P-1009-02B	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm ³	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 205 with code ME04 (Mild hybrid drive) Model 205 with code ME06 (Hybrid drive 60 kW variant (incl. plugin))	Model 253 (except 253.992/993) with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))
BF83.55-P-1010-01J	Additional oil filling capacity after replacing high-voltage battery	Compressor oil	cm ³	10	10
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 253.992/993 with engine 780 with code ME02 (Fuel cell)
BF83.55-P-1010-01J	Additional oil filling capacity after replacing high-voltage battery	Compressor oil	cm ³	-
		Sheet		-

 Refrigerant compressor

Number	Designation			Model 213 with code 1U6 (R744 refrigerant)
BF83.55-P-1011-02B	Additional oil filling capacity after replacing rechargeable battery - internal heat exchanger			15
		Sheet		BB00.40-P-0362-03A

 Refrigerant compressor

Number	Designation			Model 213 with code 1U6 (R744 refrigerant)

BF83.55-P-1012-02B	Additional oil filling capacity after replacing a refrigerant line or several refrigerant lines	10
	Sheet	BB00.40-P-0362-03A