

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

**Document number** ar8330p1760cw

AR83.30-P-1760CW	Drain, evacuate and recharge air conditioning, check for proper operation and check for leaks	27.06.2019
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Model 166, 204, 207, 212, 218, 292

**Modification notes**

05.10.2016	Safety note added	AS83.00-Z-0006-01A	
12.09.2016	Specification of compressor oil changed	Operation step 8	BB00.40-P-0362-01A
12.09.2016	Validity of general information adapted	AH83.30-N-0003-01A	
12.09.2016	General note added	AH83.30-P-0003-02A	
12.09.2016	Safety note added	AS83.00-Z-0007-01A	
12.09.2016	Air conditioning service unit added	Operation step 1, 2, 3, 6, 7, 8, 9, 10	WS83.00-P-0034B

Shown on model 204.0 with engine 271

- 1 High pressure pipe
- 2 Filling connection
- 3 Filling connection
- 4 Low pressure pipe



P83.30-4484-11

⚠ 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 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	AS83.00-Z-0006-01A
	<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 166, 292 with code 2U8 (Alternative refrigerant)	AS83.00-Z-0007-01A
	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 R1234yf	Model 166, 292 with code 2U8 (Alternative refrigerant)	AH83.30-P-0003-02A
	Notes on handling refrigerant R134a	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	AH83.30-N-0003-01A
	<b>Connect</b>		
1 WS WS	Connect filler connection (2) of air conditioning service unit to connection of high pressure line (1) 000 588 10 82 00 R1234yf air conditioning service unit 000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 with code 2U8 (Alternative refrigerant) Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0034B WS83.00-P-0031B
2	Connect filler connection (3) of air conditioning service unit to connection of low-pressure line (4)		

WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0031B
<b>Analyze</b>			
3	Analyze refrigerant in A/C system	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 10 82 00 R1234yf air conditioning service unit	<p> The refrigerant analysis must be performed using an analysis device integrated into the air conditioning service unit or an external analysis device with data transfer to the air conditioning service unit.</p> <p> A positive gas analysis is when the greenhouse gas exhibits a degree of purity of 92 %.</p> <p>For a positive gas analysis ↓ The refrigerant must be extracted from the air conditioning system into the internal air conditioning service unit container.</p> <p>For a negative gas analysis ↓ The gas analysis must be performed up to three times. After a third negative gas analysis, the analysis device must be verified in accordance with the operator's manual. If the analysis device is functional and the gas analysis negative, the refrigerant must be extracted from the A/C system and then be stored in a recycling vessel.</p>	
<b>Draining</b>			
4	Suction off refrigerant	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0031B
WS	000 588 04 82 00 Air conditioning service unit R134a	<p> The quantity of refrigerant oil extracted from the refrigerant circuit must be documented.</p> <p> When operating the air conditioning service unit, proceed in accordance with the operator's manual from the manufacturer.</p>	
<b>Check</b>			
5	Check desiccant cartridge for re-usability	if necessary ↓ Install new receiver drier Model 166, 292 Model 204 Model 207 Model 212 (except 212.074/075/076/077/092/274/275/276/277/292) Model 212.074/075/076/077/092/274/275/276/277/292 Model 218	AR83.30-P-6521GQ AR83.30-P-6521CW AR83.30-P-6521EW  AR83.30-P-6521EX AR83.30-P-6521EL
<b>Evacuate and check</b>			
6	Clean refrigerant, evacuate refrigerant circuit and run vacuum test	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0031B
WS	000 588 04 82 00 Air conditioning service unit R134a		
<b>Filling</b>			
7	Add new compressor oil to the refrigerant circuit according to the quantity of refrigerant oil noted during extraction		
BB	Compressor oils (specification 362.1)		BB00.40-P-0362-01A
WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0031B
		<p> Only the approved compressor oil may be used. If it is proven that a different compressor oil has been used, we will refuse to reimburse costs within the warranty and goodwill period. Daimler AG reserves the right to perform reexaminations.</p>	



The correct oil filling quantity in the refrigerant circuit must be ensured.  
In the event of an incorrectly measured oil filling quantity, the refrigerant compressor may be damaged.

Depending on the repair case, the oil filling quantity may need to be adjusted accordingly.

Model 204

\*BF83.55-P-1001-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Filling capacity for A/C compressor

Model 204

\*BF83.55-P-1002-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)

Model 204

\*BF83.55-P-1003-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity after replacement of condenser

Model 204

\*BF83.55-P-1004-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity after replacement of evaporator

Model 204

\*BF83.55-P-1005-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity after replacement of suction line

Model 204

\*BF83.55-P-1006-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity after replacement of pressure line

Model 204

\*BF83.55-P-1007-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity after replacement of refrigerant compressor

Model 204

\*BF83.55-P-1008-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity with detectable leakage

Model 204

\*BF83.55-P-1009-01J

Model 207  
Model 212 (except 212.095/098/195/298)  
Model 212.095/098/195/298  
Model 218 Additional oil filling quantity after replacement of desiccant cartridge

Model 212.095/098/195/298 Additional oil filling capacity after replacing high-voltage battery

\*BF83.55-P-1010-01J

Model 166  
except code 582 (Rear air conditioner)  
Model 166  
with code 582 (Rear air conditioner)  
Model 292 Filling capacity for A/C compressor













\*BF83.55-P-1001-01I

Model 166  
except code 582 (Rear air conditioner)  
Model 166  
with code 582 (Rear air conditioner)  
Model 292 Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)

\*BF83.55-P-1002-01I

Model 166  
except code 582 (Rear air conditioner)  
Model 166  
with code 582 (Rear air conditioner)  
Model 292 Additional oil filling quantity after replacement of condenser

\*BF83.55-P-1003-01I

		<p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of evaporator</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of fluid reservoir</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of low-pressure line</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of high-pressure line</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioning evaporator</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear A/C lines</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of evaporator (rear)</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional filling quantity for refrigerant compressor with rear air conditioning system</p>	<p>*BF83.55-P-1004-01I</p> <p>*BF83.55-P-1005-01I</p> <p>*BF83.55-P-1006-01I</p> <p>*BF83.55-P-1007-01I</p> <p>*BF83.55-P-1008-01I</p> <p>*BF83.55-P-1009-01I</p> <p>*BF83.55-P-1010-01I</p> <p>*BF83.55-P-1011-01I</p> <p>*BF83.55-P-1012-01I</p> <p>*BF83.55-P-1013-01I</p>
8	<p>WS 000 588 10 82 00 R1234yf air conditioning service unit</p> <p>WS 000 588 04 82 00 Air conditioning service unit R134a</p>	<p>Model 166, 292 with code 2U8 (Alternative refrigerant)</p> <p>Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218</p> <p> Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Air conditioning/automatic air conditioning</p> <p> Model 204, 207 Model 212 with engine 156, 157 Model 212 with engine 271, 272, 273, 274, 276, 278, 642, 651 Model 218 with engine 157 Model 218 with engine 276, 278, 642, 651Filling capacity of air conditioning/automatic air conditioning</p>	<p>WS83.00-P-0034B</p> <p>WS83.00-P-0031B</p> <p>*BF83.00-P-1001-01F</p> <p>*BF83.00-P-1001-01I</p>
	<b>Pressure test</b>		
9	Conduct pressure test using air conditioning service unit		

WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218 In the event of a pressure drop during the pressure test  ↓ Check air conditioning system for leakage Model 204, 207, 212 (except 212.095/098/195/298), 218 Model 166.0/8, 292 Model 212.095/098/195/298	WS83.00-P-0031B   AR83.30-P-1761UV AR83.30-P-1761GQ AR83.30-P-1761PS
<b>Disconnect</b>			
10	Disconnect filler connection (2) of air conditioning service unit from connection of high pressure line (1)		
WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0031B
11	Disconnect filler connection (3) of air conditioning service unit from connection of low-pressure line (4)		
WS	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
WS	000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218	WS83.00-P-0031B
	<b>Check</b>		
12	Check air conditioning for proper operation		

Air conditioning/automatic air conditioning

Number	Designation		Model 166.0, 292 except code 2U8 (Alternative refrigerant) Model 166.8 except code 2U8 (Alternative refrigerant) except code 582 (Rear air conditioner)	Model 166.0 (except 166.063), 292 with code 2U8 (Alternative refrigerant) Model 166.8 with code 2U8 (Alternative refrigerant) except code 582 (Rear air conditioner)
BF83.00-P-1001-01F	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	1050	1000
		Sheet R134a	BB00.40-P-0361-00A	-
		Sheet R1234yf	-	BB00.40-P-0361-01A

Air conditioning/automatic air conditioning

Number	Designation		Model 166.063 with code 2U8 (Alternative refrigerant)	Model 166.8 with code 582 (Rear air conditioner) except code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01F	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	1050	1300
		Sheet R134a	-	BB00.40-P-0361-00A
		Sheet R1234yf	BB00.40-P-0361-01A	-

Air conditioning/automatic air conditioning

Number	Designation		Model 166.8 with code 2U8 (Alternative refrigerant) with code 582 (Rear air conditioner)
BF83.00-P-1001-01F	Air conditioning/automatic air conditioning	Filling capacity for refrigerant g	1250
		Sheet R134a	-

 Air conditioning/automatic air conditioning

Number	Designation			Model 204 (except 204.077/277/377)	Model 204.077/277/377
BF83.00-P-1001-01I	Filling capacity of air conditioning/automatic air conditioning	Refrigerant R134 a	g	590	640
		Refrigerant R1234yf	g	-	-
		See		BB00.40-P-0361-00A	BB00.40-P-0361-00A

 Air conditioning/automatic air conditioning

Number	Designation			Model 207	Model 212 (except 212.074/075/076/077/092/095/098/195/274/275/276/277/292/298)
BF83.00-P-1001-01I	Filling capacity of air conditioning/automatic air conditioning	Refrigerant R134 a	g	590	590
		Refrigerant R1234yf	g	-	-
		See		BB00.40-P-0361-00A	BB00.40-P-0361-00A

 Air conditioning/automatic air conditioning

Number	Designation			Model 212.074/075/076/077/092/274/275/276/277/292	Model 212.095/098/195/298
BF83.00-P-1001-01I	Filling capacity of air conditioning/automatic air conditioning	Refrigerant R134 a	g	640	690
		Refrigerant R1234yf	g	-	-
		See		BB00.40-P-0361-00A	BB00.40-P-0361-00A

 Air conditioning/automatic air conditioning

Number	Designation			Model 218 except engine 157 except code 2U8 (Alternative refrigerant)	Model 218 with engine 157 except code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01I	Filling capacity of air conditioning/automatic air conditioning	Refrigerant R134 a	g	590	640
		Refrigerant R1234yf	g	-	-
		See		BB00.40-P-0361-00A	BB00.40-P-0361-00A

 Air conditioning/automatic air conditioning

Number	Designation			Model 218 except engine 157 with code 2U8 (Alternative refrigerant)	Model 218 with engine 157 with code 2U8 (Alternative refrigerant)
BF83.00-P-1001-01I	Filling capacity of air conditioning/automatic air conditioning	Refrigerant R134 a	g	-	-
		Refrigerant R1234yf	g	590	550
		See		BB00.40-P-0361-01A	BB00.40-P-0361-01A

 Refrigerant compressor

Number	Designation			Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1001-01I	Filling capacity for A/C compressor	Compressor oil	cm <sup>3</sup>	120	160
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292
BF83.55-P-1001-01I	Filling capacity for A/C compressor	Compressor oil	cm <sup>3</sup>	110
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 204	Model 207
BF83.55-P-1001-01J	Filling capacity for A/C compressor	Compressor oil	cm <sup>3</sup>	120	120
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1001-01J	Filling capacity for A/C compressor	Compressor oil	cm <sup>3</sup>	120	120
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 218
BF83.55-P-1001-01J	Filling capacity for A/C compressor	Compressor oil	cm <sup>3</sup>	120
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1002-01I	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil	cm <sup>3</sup>	40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 292
BF83.55-P-1002-01I	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil	cm <sup>3</sup>	40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 204	Model 207
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil	cm <sup>3</sup>	40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil	cm <sup>3</sup>	40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 218
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)	Compressor oil	cm <sup>3</sup>	40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1003-01I	Additional oil filling quantity after replacement of condenser	Compressor oil	cm <sup>3</sup>	20	20



 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 292
BF83.55-P-1003-01I	Additional oil filling quantity after replacement of condenser			20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 204	Model 207
BF83.55-P-1003-01J	Additional oil filling quantity after replacement of condenser			20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1003-01J	Additional oil filling quantity after replacement of condenser			20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 218
BF83.55-P-1003-01J	Additional oil filling quantity after replacement of condenser			20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1004-01I	Additional oil filling quantity after replacement of evaporator			40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 292
BF83.55-P-1004-01I	Additional oil filling quantity after replacement of evaporator			40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 204	Model 207
BF83.55-P-1004-01J	Additional oil filling quantity after replacement of evaporator			40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1004-01J	Additional oil filling quantity after replacement of evaporator			40	40
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 218

BF83.55-P-1004-01J	Additional oil filling quantity after replacement of evaporator	Compressor oil	cm <sup>3</sup>	40
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1005-01I	Additional oil filling quantity after replacement of fluid reservoir	Compressor oil	cm <sup>3</sup>	10	10
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292
BF83.55-P-1005-01I	Additional oil filling quantity after replacement of fluid reservoir	Compressor oil	cm <sup>3</sup>	10
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 204	Model 207
BF83.55-P-1005-01J	Additional oil filling quantity after replacement of suction line	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1005-01J	Additional oil filling quantity after replacement of suction line	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 218
BF83.55-P-1005-01J	Additional oil filling quantity after replacement of suction line	Compressor oil	cm <sup>3</sup>	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1006-01I	Additional oil filling quantity after replacement of low-pressure line	Compressor oil	cm <sup>3</sup>	10	10
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292
BF83.55-P-1006-01I	Additional oil filling quantity after replacement of low-pressure line	Compressor oil	cm <sup>3</sup>	10
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 204	Model 207
BF83.55-P-1006-01J	Additional oil filling quantity after replacement of pressure line	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1006-01J	Additional oil filling quantity after replacement of pressure line	Compressor oil      cm <sup>3</sup>	20
		Sheet	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 218
BF83.55-P-1006-01J	Additional oil filling quantity after replacement of pressure line	Compressor oil      cm <sup>3</sup>
		Sheet

 Refrigerant compressor

Number	Designation	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1007-01I	Additional oil filling quantity after replacement of high-pressure line	Compressor oil      cm <sup>3</sup>	10
		Sheet	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 292
BF83.55-P-1007-01I	Additional oil filling quantity after replacement of high-pressure line	Compressor oil      cm <sup>3</sup>
		Sheet

 Refrigerant compressor

Number	Designation	Model 204	Model 207
BF83.55-P-1007-01J	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil      cm <sup>3</sup>	20
		Sheet	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1007-01J	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil      cm <sup>3</sup>	20
		Sheet	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 218
BF83.55-P-1007-01J	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil      cm <sup>3</sup>
		Sheet

 Refrigerant compressor

Number	Designation	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1008-01I	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil      cm <sup>3</sup>	20
		Sheet	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Model 292
BF83.55-P-1008-01I	Additional oil filling quantity after replacement of refrigerant compressor	Compressor oil      cm <sup>3</sup>
		Sheet

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 204	Model 207
BF83.55-P-1008-01J	Additional oil filling quantity with detectable leakage	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1008-01J	Additional oil filling quantity with detectable leakage	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 218
BF83.55-P-1008-01J	Additional oil filling quantity with detectable leakage	Compressor oil	cm <sup>3</sup>	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1009-01I	Additional oil filling quantity with detectable leakage	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 292
BF83.55-P-1009-01I	Additional oil filling quantity with detectable leakage	Compressor oil	cm <sup>3</sup>	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 204	Model 207
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 212 (except 212.095/098/195/298)	Model 212.095/098/195/298
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 218
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil	cm <sup>3</sup>	20
		Sheet		BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation	Compressor oil	cm <sup>3</sup>	Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)

BF83.55-P-1010-01I	Additional oil filling quantity after replacement of rear air conditioning evaporator	Compressor oil	cm <sup>3</sup>	30	30
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292	
BF83.55-P-1010-01I	Additional oil filling quantity after replacement of rear air conditioning evaporator	Compressor oil	cm <sup>3</sup>	30	
		Sheet		BB00.40-P-0362-01A	

 Refrigerant compressor

Number	Designation			Model 212.095/098/195/298	
BF83.55-P-1010-01J	Additional oil filling capacity after replacing high-voltage battery	Compressor oil	cm <sup>3</sup>	10	
		Sheet		BB00.40-P-0362-01A	

 Refrigerant compressor

Number	Designation			Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1011-01I	Additional oil filling quantity after replacement of rear A/C lines	Compressor oil	cm <sup>3</sup>	20	20
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292	
BF83.55-P-1011-01I	Additional oil filling quantity after replacement of rear A/C lines	Compressor oil	cm <sup>3</sup>	20	
		Sheet		BB00.40-P-0362-01A	

 Refrigerant compressor

Number	Designation			Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1012-01I	Additional oil filling quantity after replacement of evaporator (rear)	Compressor oil	cm <sup>3</sup>	10	10
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292	
BF83.55-P-1012-01I	Additional oil filling quantity after replacement of evaporator (rear)	Compressor oil	cm <sup>3</sup>	10	
		Sheet		BB00.40-P-0362-01A	

 Refrigerant compressor

Number	Designation			Model 166 except code 582 (Rear air conditioner)	Model 166 with code 582 (Rear air conditioner)
BF83.55-P-1013-01I	Additional filling quantity for refrigerant compressor with rear air conditioning system	Compressor oil	cm <sup>3</sup>	30	30
		Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

 Refrigerant compressor

Number	Designation			Model 292	
BF83.55-P-1013-01I	Additional filling quantity for refrigerant compressor with rear air conditioning system	Compressor oil	cm <sup>3</sup>	30	
		Sheet		BB00.40-P-0362-01A	