AR83.30-P-1760CW	Drain, evacuate and recharge air conditioning, check for proper operation and	
	check for leaks	

#### 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	Risk of poisoning caused by inhaling overheated refrigerant vapors from an air conditioning system containing R134a. Risk of	Never perform welding work on or near a closed air conditioning system. No smoking or open flames. Wear safety glasses and protective	AS83.00-Z-0006-01A
	injury to skin and eyes caused by contact with liquid R134a refrigerant and when working on pressurized parts	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	
	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 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
	Connect		

₩S	000 588 04 82 00 Air conditioning service unit R134a	Model 166, 292 except code 2U8 (Alternative refrigerant)	WS83.00-P-0031B
		Model 204, 207, 212, 218	
2	Connect filler connection (3) of air conditioning service unit to connection of low-pressure line (4)		
₩S	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
	Analyze		
3	Analyze refrigerant in A/C system	Model 166, 292 with code 2U8 (Alternative refrigerant)	
₩S	000 588 10 82 00 R1234yf air conditioning service unit	with code 200 (Alternative reinigerant)	WS83.00-P-0034B
		i 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.  i A positive gas analysis is when the greenhouse gas exhibits a degree of purity of 92 %.  For a positive gas analysis  The refrigerant must be extracted from the air conditioning system into the internal air conditioning service unit container.  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.	
4	Draining Suction off refrigerant		
∓ ⊯≅WS	000 588 10 82 00 R1234yf air conditioning	Model 166, 292	WS83.00-P-0034B
₩S	service unit 000 588 04 82 00 Air conditioning service unit R134a	with code 2U8 (Alternative refrigerant) Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218  i The quantity of refrigerant oil extracted from the refrigerant circuit must be documented. i When operating the air conditioning service	WS83.00-P-0031B
		unit, proceed in accordance with the operator's manual from the manufacturer.	
		mandar nom the mandacturer.	
<b>4</b>	Check	manda nom die mandacturer.	
5	Check 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	AR83.30-P-6521GQ AR83.30-P-6521CW AR83.30-P-6521EW
		if necessary  Install new receiver drier Model 166, 292 Model 204 Model 207 Model 212 (except	AR83.30-P-6521CW AR83.30-P-6521EW AR83.30-P-6521EX
		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	AR83.30-P-6521CW AR83.30-P-6521EW AR83.30-P-6521EX

<b>₽</b> 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
	Filling	110001 207, 201, 212, 210	
	Add new compressor oil to the refrigerant circui according to the quantity of refrigerant oil noted during extraction		
≆BB ≆WS	Compressor oils (specification 362.1) 000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	BB00.40-P-0362-01A 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
		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.	
		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	B1 00.00-1 - 100 1-0 10
		Model 218Filling capacity for A/C compressor  Model 204  Model 207  Model 212 (except 212.095/098/195/298)  Model 212.095/098/195/298  Model 218Additional quantity of oil to be added when system suddenly looses fluid (e.g. line ruptured)	*BF83.55-P-1002-01J
		Model 204 Model 207 Model 212 (except 212.095/098/195/298) Model 212.095/098/195/298 Model 218Additional oil filling quantity after replacement of condenser	*BF83.55-P-1003-01J
		Model 204 Model 207 Model 212 (except 212.095/098/195/298) Model 212.095/098/195/298 Model 218Additional oil filling quantity after replacement of evaporator	*BF83.55-P-1004-01J
		Model 204 Model 207 Model 212 (except 212.095/098/195/298) Model 212.095/098/195/298 Model 218Additional oil filling quantity after replacement of suction line	*BF83.55-P-1005-01J
		Model 204 Model 207 Model 212 (except 212.095/098/195/298) Model 212.095/098/195/298 Model 218Additional oil filling quantity after replacement of pressure line	*BF83.55-P-1006-01J
		Model 204 Model 207 Model 212 (except 212.095/098/195/298) Model 212.095/098/195/298 Model 218Additional oil filling quantity after replacement of refrigerant compressor	*BF83.55-P-1007-01J

Model 212 (except 212 095/098/195/298) Model 212 095/098/195/298 Model 218 Additional oil filling quantity with electable leakage  J Model 207 Model 207 Model 212 (except 212 095/098/195/298) Model 212 (except 212 095/098/195/298) Model 212 095/098/195/298Additional oil filling quantity after eplacement of desicoant cartridge  J Model 212 095/098/195/298Additional oil filling capacity after replacing high-voltage pattery  J Model 166  Except code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor  Model 166 With code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured)  J Model 166  With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser  J Model 166  With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of evaporator  Model 166  With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 166  With code 582 (Rear air conditioner) Model 168  With code 582 (Rear air conditioner) Model 169  With code 582 (Rear air conditioner) Model 169  With code 582 (Rear air conditioner) Model 169  With code 582 (Rear air conditioner) Model 166  With code 582 (Rear air condit	Model 204	*BF83.55-P-1008-01J
Model 218Additional oil filling quantity with dietectable leakage  I Model 204 Model 207 Model 212 (except 212 095/098/195/298) Model 212 (except 212 095/098/195/298) Model 212 095/098/195/298Additional oil filling quantity after eplacement of desiccant cartridge  I Model 212 095/098/195/298Additional oil filling capacity flier replacing high-voltage sattery  I Model 166 With code 582 (Rear air conditioner) Model 168 With code 582 (Rear air conditioner) Model 168 With code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of evaporator  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 166 With code 582 (Rear air conditioner) Model 168 With code 582 (Rear air conditioner) Model 169 With code 582 (Rear air conditioner) Model 169 With code 582 (Rear air conditioner) Model 160 With code 582 (Rear air conditioner) Model 166 With code 582 (Re	Model 207 Model 212 (except 212.095/098/195/298)	
**BF83.55-P-1009-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1001-01J**  **BF83	Model 212.095/098/195/298 Model 218Additional oil filling quantity with detectable leakage	
Model 212 (except 212.095/098/195/298) Model 212.095/098/195/298 Model 212.095/098/195/298 Model 212.095/098/195/298Additional oil filling quantity after eplacement of desiccant cartridge adtery  Model 212.095/098/195/298Additional oil filling capacity after replacing high-voltage vatery  Model 166 With code 582 (Rear air conditioner) Model 168 With code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured)  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser  Model 292Additional oil filling quantity after eplacement of evaporator  Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of ferigerant compressor  Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 292Additional oil filling quantity with stetectable leakage  Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditi	Model 204	*BF83.55-P-1009-01J
Model 212.095/098/195/298  Model 212.095/098/195/298 Additional oil illing quantity after eplacement of desiccant cartridge  Model 212.095/098/195/298 Additional oil illing apacity after replacing high-voltage battery  Model 166  With code 582 (Rear air conditioner) wordel 292Additional oil filling quantity after eplacement of low-pressure line  Model 166  With code 582 (Rear air conditioner) wordel 292Additional oil filling quantity after eplacement of low-pressure line  Model 166  With code 582 (Rear air conditioner) wordel 166  With code 582 (Rear air conditioner) wo	Model 207	
Model 218Additional oil filling quantity after eplacement of desiccant cartridge  If Model 1212.095/098/195/298Additional oil filling capacity after replacing high-voltage valuery  If Model 166  except code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor  If Model 166  except code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added with code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser  If Model 166  with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of evaporator  If Model 166  except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 292Additional oil filling quantity after eplacement of fluid reservoir  If Model 166  except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  If Model 166  with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  If Model 166  with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  If Model 166  with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of high-pressure line  If Model 166  with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  If Model 166  except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  If Model 166  except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  If Model 166  Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refri		
**BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1010-01J**  **BF83.55-P-1001-01I**  **BF83.55-P-1001-01I**  **BF83.55-P-1001-01I**  **BF83.55-P-1001-01I**  **BF83.55-P-1001-01I**  **BF83.55-P-1001-01I**  **BF83.55-P-1002-01I**  **BF83.55-P-1002-01I**  **BF83.55-P-1002-01I**  **BF83.55-P-1002-01I**  **BF83.55-P-1002-01I**  **BF83.55-P-1003-01I**  **BF83	Model 218Additional oil filling quantity after	
illing capacity after replacing high-voltage pattery  I Model 166 except code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor I Model 166 except code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor I Model 166 except code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured) I Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser I Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of evaporator Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir Model 292Additional oil filling quantity after eplacement of low-pressure line Model 292Additional oil filling quantity after eplacement of low-pressure line Model 292Additional oil filling quantity after eplacement of low-pressure line Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of righ-pressure line Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor Model 292Additional oil filling quantity after eplacement of refrigerant compressor Model 292Additional oil filling quantity with ede 582 (Rear air conditioner) Model 292Additional oil filling quantity with ede 582 (Rear air conditioner) Model 292Additional oil filling quantity with ede 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292Additional oil filling quantity after eplacement of rear air conditioner) Model 292A		*BF83.55-P-1010-01J
except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor  I Model 166 except code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured)  Model 166 except code 582 (Rear air conditioner) Model 292Additional quantity after eplacement of condenser  Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of secondationer) Model 292Additional oil filling quantity after eplacement of secondationer) Model 292Additional oil filling quantity after eplacement of secondationer) Model 292Additional oil filling quantity after eplacement of secondationer) Model 292Additional oil filling quantity after eplacement of secondationer) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additio	filling capacity after replacing high-voltage battery	
with code 582 (Rear air conditioner) Model 292-Filling capacity for A/C compressor Model 292-Filling capacity for A/C compressor Model 166 except code 582 (Rear air conditioner) Model 292-Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured)  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of condenser  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of evaporator  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of evaporator  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of fluid reservoir  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of low-pressure line  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of high-pressure line  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292-Additional oil filling quantity after eplacement of refrigerant compressor  Model 292-Additional oil filling quantity with detectable leakage  Model 292-Additional oil filling quantity with detectable leakage  Model 292-Additional oil filling quantity with detectable leakage  Model 292-Additional oil filling quantity after eplacement of refrigerant compressor  Model 292-Additional oil filling quantity with detectable leakage  Model 292-Additional oil filling quantity with detectable leakage		*BF83.55-P-1001-01I
with code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor  If Model 166 except code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured)  Model 292Additional oil filling quantity after eplacement of condenser  Model 292Additional oil filling quantity after eplacement of except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser  Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant conditioner) Model 292Additional oil filling quantity after eplacement of sex (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of sex (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of sex (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of sex (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 292Additional oil filling quantity with  Model 292Additiona		
except code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of four-pressure line    Model 166 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 168 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 168 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 168 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 169 word 168 with code 582 (Rear air conditioner) word 160 word 168 with code 582 (Rear air conditioner) word 160 word 168 with code 582 (Rear air conditioner) word 160 wo	with code 582 (Rear air conditioner) Model 292Filling capacity for A/C compressor	
except code 582 (Rear air conditioner) Model 292Additional quantity of oil to be added with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of four-pressure line    Model 166 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 168 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 168 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 168 except code 582 (Rear air conditioner) word 168 with code 582 (Rear air conditioner) word 169 word 168 with code 582 (Rear air conditioner) word 160 word 168 with code 582 (Rear air conditioner) word 160 word 168 with code 582 (Rear air conditioner) word 160 wo	Model 166	*BF83.55-P-1002-01I
Model 292Additional quantity of oil to be added when system suddenly looses fluid (e.g. line uptured)  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of condenser  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of evaporator  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of evaporator  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of fluid reservoir  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of low-pressure line  Model 292Additional oil filling quantity after replacement of high-pressure line  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of high-pressure line  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with letectable leakage  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner) Model 292Additional oil filling quantity with letectable leakage  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner)	except code 582 (Rear air conditioner) Model 166	
when system suddenly looses fluid (e.g. line uptured)  I Model 166 except code 582 (Rear air conditioner) whodel 166 with code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of condenser  Model 166 with code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of evaporator  Model 166 with code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of evaporator  Model 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of fluid reservoir  Model 166 except code 582 (Rear air conditioner) whodel 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of low-pressure line  Model 166 with code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of high-pressure line  Model 166 except code 582 (Rear air conditioner) whodel 166 with code 582 (Rear air conditioner) whodel 166 with code 582 (Rear air conditioner) whodel 166 with code 582 (Rear air conditioner) whodel 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity with replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity with replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity with replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity with replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) whodel 292Additional oil filling quantity with replacement of refrigerant compressor  Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 292Additional oil filling quantity af	,	
### Spanning of the second time of the second time of the second to the second time of t	when system suddenly looses fluid (e.g. line	
except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser    Model 166   Model 166   Model 166   Model 292Additional oil filling quantity after eplacement of evaporator   Model 292Additional oil filling quantity after eplacement of evaporator   Model 166   Model 166   Model 166   Model 166   Model 166   Model 292Additional oil filling quantity after eplacement of fluid reservoir   Model 292Additional oil filling quantity after eplacement of low-pressure line   Model 166   Model	ruptured)	
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of condenser  I Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of evaporator  Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of low-pressure line  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of high-pressure line  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage		*BF83.55-P-1003-01I
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of condenser  I Model 166 Except code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 166 Except code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of fluid reservoir  Model 166 Except code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 166 With code 582 (Rear air conditioner) Model 166 Except code 582 (Rear air conditioner) Model 192Additional oil filling quantity after replacement of refrigerant compressor  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with Dietectable leakage  Model 166 Except code 582 (Rear air co	except code 582 (Rear air conditioner) Model 166	
*BF83.55-P-1004-01I  *BF83.55-P-1005-01I  *BF83.55-P-1005-01I  *BF83.55-P-1005-01I  *BF83.55-P-1005-01I  *BF83.55-P-1005-01I  *BF83.55-P-1006-01I  *BF83.55-	with code 582 (Rear air conditioner)	
#BF83.55-P-1004-01I  #BF83.55-P-1005-01I  #BF83.55-P-1005-01I  #BF83.55-P-1005-01I  #BF83.55-P-1005-01I  #BF83.55-P-1006-01I  #BF83.55		
except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of evaporator  independent of fluid reservoir  i	•	*BF83.55-P-1004-01I
with code 582 (Rear air conditioner)  Model 292Additional oil filling quantity after eplacement of evaporator  Model 166 except code 582 (Rear air conditioner)  Model 166 with code 582 (Rear air conditioner)  Model 292Additional oil filling quantity after eplacement of high-pressure line  Model 166 with code 582 (Rear air conditioner)  Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage  Refractance  Model 166 except code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with letectable leakage	except code 582 (Rear air conditioner)	
### Wodel 292Additional oil filling quantity after eplacement of evaporator    Model 166	Model 166	
*BF83.55-P-1005-01I  *BF83.55-P-1006-01I  *BF83.55-	with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of evaporator	
except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of fluid reservoir  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  Model 166 except code 582 (Rear air conditioner) Model 186 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of high-pressure line  Model 166 except code 582 (Rear air conditioner) Model 186 with code 582 (Rear air conditioner) Model 1929Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Reserved  BF83.55-P-1009-011  *BF83.55-P-1009-011	Model 166	*BF83.55-P-1005-01I
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after eplacement of fluid reservoir  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of low-pressure line  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of high-pressure line  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage	except code 582 (Rear air conditioner)	
#BF83.55-P-1006-01I  *BF83.55-P-1006-01I  *BF83.55-P-1007-01I  *BF83.55-P-1008-01I  *BF83.55-		
*BF83.55-P-1006-01I  *BF83.55-P-1007-01I  *BF83.55-P-1007-01I  *BF83.55-P-1007-01I  *BF83.55-P-1007-01I  *BF83.55-P-1007-01I  *BF83.55-P-1007-01I  *BF83.55-P-1008-01I  *BF83.55-	Model 292Additional oil filling quantity after	
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  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  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner)	•	*DE00 EE D 1000 011
Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of low-pressure line  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  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner)	Model 166	^BF83.55-P-1006-01I
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of low-pressure line  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  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) 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 conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner)	except code 582 (Rear air conditioner) Model 166	
*BF83.55-P-1007-01I  *BF83.55-P-1008-01I  *BF83.55-	with code 582 (Rear air conditioner)	
*BF83.55-P-1007-01I  *BF83.55-P-1008-01I	Model 292Additional oil filling quantity after	
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  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  Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioning evaporator	•	*BF83.55-P-1007-01I
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of high-pressure line  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  Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  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		55.55 1 1667 611
Model 292Additional oil filling quantity after replacement of high-pressure line  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  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioning evaporator	Model 166	
*BF83.55-P-1008-01I  *BF83.55-P-1009-01I  *BF83.55-P-1009-01I  *BF83.55-P-1009-01I  *BF83.55-P-1009-01I  *BF83.55-P-1009-01I  *BF83.55-P-1009-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1008-01I  *BF83.55-P-1009-01I		
except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioning evaporator	replacement of high-pressure line	
Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  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	Model 166	*BF83.55-P-1008-01I
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166  except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  Model 166 except code 582 (Rear air conditioner) Model 166 except code 582 (Rear air conditioner) Model 166 with 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	except code 582 (Rear air conditioner)	
Model 292Additional oil filling quantity after replacement of refrigerant compressor  Model 166  Except code 582 (Rear air conditioner)  Model 166  with code 582 (Rear air conditioner)  Model 292Additional oil filling quantity with detectable leakage  Model 166  Except code 582 (Rear air conditioner)  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	พith code 582 (Rear air conditioner)	
*BF83.55-P-1009-01I  *BF83.55-P-1010-01I  *BF83.55-P-1009-01I	Model 292Additional oil filling quantity after	
except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  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	,	*RF83 55_P_1000_011
Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity with detectable leakage  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		DI 00.00-F-1008-011
Model 292Additional oil filling quantity with detectable leakage  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	Model 166	
#BF83.55-P-1010-01I  *BF83.55-P-1010-01I  *BF83.55-	with code 582 (Rear air conditioner)	
*BF83.55-P-1010-01I except code 582 (Rear air conditioner) Wodel 166 with code 582 (Rear air conditioner) Wodel 292Additional oil filling quantity after replacement of rear air conditioning evaporator	detectable leakage	
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	Model 166	*BF83.55-P-1010-01I
with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after replacement of rear air conditioning evaporator	except code 582 (Rear air conditioner)	
Model 292Additional oil filling quantity after replacement of rear air conditioning evaporator	Model 166 with code 582 (Rear air conditioner)	
replacement of rear air conditioning evaporator	Model 292Additional oil filling quantity after	
	replacement of rear air conditioning evaporator	

		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	*BF83.55-P-1011-01I
		Model 166 except code 582 (Rear air conditioner) Model 166 with code 582 (Rear air conditioner) Model 292Additional oil filling quantity after	*BF83.55-P-1012-01I
		replacement of evaporator (rear)  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	*BF83.55-P-1013-01I
		system	
8 ⊯ws	Fill air conditioning system 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
		Model 166 except code 582 (Rear air conditioner) Model 166	*BF83.00-P-1001-01F
		with code 582 (Rear air conditioner) Model 292Air conditioning/automatic air conditioning	
		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	*BF83.00-P-1001-01I
	Pressure test		
9	Conduct pressure test using air conditioning		
<b>⊯</b> WS	service unit 000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
i≆ 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	WS83.00-P-0031B
		Check air conditioning system for leakage Model 204, 207, 212 (except 212.095/098/195/298), 218	AR83.30-P-1761UV
		Model 166.0/8, 292 Model 212.095/098/195/298	AR83.30-P-1761GQ AR83.30-P-1761PS
	Disconnect		7.1.100.00 1 - 170 11 0
10	Disconnect filler connection (2) of air conditioning service unit from connection of high pressure line (1)		
₩S	000 588 10 82 00 R1234yf air conditioning	Model 166, 292	WS83.00-P-0034B
₩S	service unit 000 588 04 82 00 Air conditioning service unit R134a	with code 2U8 (Alternative refrigerant) 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)	, , ,	
⊯₩S	000 588 10 82 00 R1234yf air conditioning service unit	Model 166, 292 with code 2U8 (Alternative refrigerant)	WS83.00-P-0034B
<b>⊯</b> 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

### 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 g refrigerant	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 g refrigerant	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		-
		Sheet R1234yf		BB00.40-P-0361-01A

## 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
			/092/095/098/195/27
			4/275/276/277/292/2
			98)

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	
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			engine 157 except code 2U8	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			engine 157 with code 2U8 (Alternative	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			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		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

Number				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

Number	Designation			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		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 looses fluid (e.g. line ruptured)		40	40
		Sheet	BB00.40-P-0362-01A	BB00.40-P-0362-01A

## Refrigerant compressor

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

#### Refrigerant compressor

Number	Designation			Model 204	Model 207
	Additional quantity of oil to be added when system suddenly looses fluid (e.g. line ruptured)	- 1	m <sup>3</sup>	40	40
		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
	Additional quantity of oil to be added when system suddenly looses 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			Model 218
BF83.55-P-1002-01J	Additional quantity of oil to be added when system suddenly looses fluid (e.g. line ruptured)	Compressor oil	cm <sup>3</sup>	40
		Sheet		BB00.40-P-0362-01A

Number	Designation		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
		Sheet	BB00.40-P-0362-01A	BB00.40-P-0362-01A

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

## Refrigerant compressor

Number	Designation		Model 204	Model 207
	Additional oil filling quantity after replacement of condenser	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-1003-01J	Additional oil filling quantity after replacement of condenser	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-1003-01J	Additional oil filling quantity after replacement of condenser	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-1004-01I	Additional oil filling quantity after replacement of evaporator	Compressor oil cm <sup>3</sup>	40	40
		Sheet	BB00.40-P-0362-01A	BB00.40-P-0362-01A

#### Refrigerant compressor

Number	Designation		Model 292
BF83.55-P-1004-01I	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 204	Model 207
	Additional oil filling quantity after replacement of evaporator	Compressor oil cm <sup>3</sup>	40	40
		Sheet	BB00.40-P-0362-01A	BB00.40-P-0362-01A

Number	Designation	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 Compressor oil cm <sup>3</sup> evaporator	40	40

Sheet   DDUU.4U-P-U302-UTA   DDUU.4U-P-U302-UTA	Sheet	BB00.40-P-0362-01A	BB00.40-P-0362-01A
---	-------	--------------------	--------------------

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		except code 582	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

I	Number	Designation		Model 292
E	3F83.55-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
	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			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
1	J Additional oil filling quantity after replacement of Compressor oil suction line		20
		Sheet	BB00.40-P-0362-01A

## Refrigerant compressor

Number			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

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

Number	Designation		Model 204	Model 207
BF83.55-P-1006-01J	F83.55-P-1006-01J Additional oil filling quantity after replacement of 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	
	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 218
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			except code 582	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	10
		Sheet	BB00.40-P-0362-01A	BB00.40-P-0362-01A

# Refrigerant compressor

Number	Designation		Model 292
	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 204	Model 207
	Additional oil filling quantity after replacement of Compressor oil refrigerant compressor	cm <sup>3</sup>	20	20
	Sheet		BB00.40-P-0362-01A	BB00.40-P-0362-01A

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

Number	Designation			Model 218
	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			except code 582	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	20
		Sheet	BB00.40-P-0362-01A	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>	20
		Sheet		BB00.40-P-0362-01A

## Refrigerant compressor

Number	Designation		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		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			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			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

Number	Designation	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

Number	Designation		Model 204	Model 207
	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		( · · · · · · · · · · · · · · · · · · ·	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			Model 218
BF83.55-P-1009-01J	Additional oil filling quantity after replacement of desiccant cartridge	Compressor oil cn	13	20
		Sheet		BB00.40-P-0362-01A

## Refrigerant compressor

Number			except code 582	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

Number	Designation		except code 582	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

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		except code 582	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			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

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