

|                  |   |            |
|------------------|---|------------|
| AR83.30-P-1760CW | Drain, evacuate and recharge air conditioning, check for proper operation and check for leaks | 20.10.2016 |
|------------------|---|------------|

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

|    |   |  |                    |
|----|---|--|--------------------|
|    | <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-P-0005-01A |
| ⓘ  | Procedure for a damaged or leaky air conditioning system  |  | AH83.30-N-0004-01A |
| i  | Notes on handling refrigerant R1234yf   | Model 166, 292 with code 2U8 (Alternative refrigerant)   | AH83.30-P-0003-02A |
| i  | Notes on handling refrigerant R134a   | Model 166, 292 except code 2U8 (Alternative refrigerant) Model 204, 207, 212, 218  | AH83.30-N-0003-01A |
|    | <b>Connecting</b>   |  |                    |
| 1  | Connect filler connection (2) of air conditioning service unit to 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<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218   | 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<br>with code 2U8 (Alternative refrigerant)   | WS83.00-P-0034B  |
|  WS   | 000 588 04 82 00 Air conditioning service unit R134a  | Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218   | WS83.00-P-0031B  |
|   | <b>Analyze</b>  |   |  |
| 3   | Analyze refrigerant in A/C system   | Model 166, 292<br>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<br/>↓<br/>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<br/>↓<br/>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<br>with code 2U8 (Alternative refrigerant)   | WS83.00-P-0034B  |
|  WS | 000 588 10 82 00 R1234yf air conditioning service unit  |   |  |
|  WS | 000 588 04 82 00 Air conditioning service unit R134a  | Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218   | WS83.00-P-0031B  |
|   |   | <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<br>↓<br>Install new desiccant cartridge<br>Model 166, 292<br>Model 204<br>Model 207<br>Model 212 (except<br>212.074/075/076/077/092/274/275/276/277/292)<br>Model<br>212.074/075/076/077/092/274/275/276/277/292<br>Model 218  | AR83.30-P-6521GQ<br>AR83.30-P-6521CW<br>AR83.30-P-6521EW<br><br>AR83.30-P-6521EX<br><br>AR83.30-P-6521EL |
|   | <b>Evacuate and check</b>   |   |  |
| 6   | Clean refrigerant, evacuate refrigerant circuit and run vacuum test                                   | Model 166, 292<br>with code 2U8 (Alternative refrigerant)   | WS83.00-P-0034B  |
|  WS | 000 588 10 82 00 R1234yf air conditioning service unit  |   |  |
|  WS | 000 588 04 82 00 Air conditioning service unit R134a  | Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218   | WS83.00-P-0031B  |
|   | <b>Filling</b>  |   |  |

|   |  |   |  |
|---|--|---|--|
| 7 | <p>Add new compressor oil to the refrigerant circuit according to the quantity of refrigerant oil noted during extraction</p> <p>Compressor oils (specification 362.1)</p> <p>000 588 10 82 00 R1234yf air conditioning service unit</p> <p>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)</p> <p>Model 204, 207, 212, 218</p> <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> <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.</p> <p> Depending on the repair case, the oil filling quantity may need to be adjusted accordingly.</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Filling capacity for A/C compressor</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional quantity of oil to be added when system suddenly loses fluid (e.g. line ruptured)</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity after replacement of condenser</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity after replacement of evaporator</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity after replacement of suction line</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity after replacement of pressure line</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity after replacement of refrigerant compressor</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity with detectable leakage</p> <p> Model 204<br/>Model 207<br/>Model 212 (except 212.095/098/195/298)<br/>Model 212.095/098/195/298<br/>Model 218 Additional oil filling quantity after replacement of desiccant cartridge</p> | <p>BB00.40-P-0362-01A</p> <p>WS83.00-P-0034B</p> <p>WS83.00-P-0031B</p> <p>*BF83.55-P-1001-01J</p> <p>*BF83.55-P-1002-01J</p> <p>*BF83.55-P-1003-01J</p> <p>*BF83.55-P-1004-01J</p> <p>*BF83.55-P-1005-01J</p> <p>*BF83.55-P-1006-01J</p> <p>*BF83.55-P-1007-01J</p> <p>*BF83.55-P-1008-01J</p> <p>*BF83.55-P-1009-01J</p> |
|---|--|---|--|

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|--|---------------------|
|  Model 212.095/098/195/298 Additional oil filling capacity after replacing high-voltage battery   | *BF83.55-P-1010-01J |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Filling capacity for A/C compressor  | *BF83.55-P-1001-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>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<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of condenser                               | *BF83.55-P-1003-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of evaporator                              | *BF83.55-P-1004-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of fluid reservoir                         | *BF83.55-P-1005-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of low-pressure line                       | *BF83.55-P-1006-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of high-pressure line                    | *BF83.55-P-1007-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of refrigerant compressor                | *BF83.55-P-1008-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity with detectable leakage                                    | *BF83.55-P-1009-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of rear air conditioning evaporator      | *BF83.55-P-1010-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of rear A/C lines                        | *BF83.55-P-1011-01I |
|  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292 Additional oil filling quantity after replacement of evaporator (rear)                     | *BF83.55-P-1012-01I |

|  |   |   |  |
|--|---|---|--|
|  |   |  Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292<br>Additional filling quantity for<br>refrigerant compressor with rear air<br>conditioning system   | *BF83.55-P-1013-011  |
| 8  | Charge air conditioning system<br>000 588 10 82 00 R1234yf air conditioning<br>service unit<br> WS<br>000 588 04 82 00 Air conditioning service unit<br>R134a   | Model 166, 292<br>with code 2U8 (Alternative refrigerant)<br>Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218<br> Model 166<br>except code 582 (Rear air conditioner)<br>Model 166<br>with code 582 (Rear air conditioner)<br>Model 292<br>Air conditioning/automatic air<br>conditioning<br> Model 204, 207<br>Model 212 with engine 156, 157<br>Model 212 with engine 271, 272, 273, 274,<br>276, 278, 642, 651<br>Model 218 with engine 157<br>Model 218 with engine 276, 278, 642,<br>651<br>Filling capacity of air conditioning/<br>automatic air conditioning | WS83.00-P-0034B<br>WS83.00-P-0031B<br>*BF83.00-P-1001-01F<br>*BF83.00-P-1001-011               |
|  | <b>Pressure test</b>  |   |  |
| 9  | Conduct pressure test using air conditioning<br>service unit<br> WS<br>000 588 10 82 00 R1234yf air conditioning<br>service unit<br> WS<br>000 588 04 82 00 Air conditioning service unit<br>R134a  | Model 166, 292<br>with code 2U8 (Alternative refrigerant)<br>Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218<br>In the event of a pressure drop during the<br>pressure test<br><br>↓<br>Check air conditioning system for leakage<br>Model 204, 207, 212 (except<br>212.095/098/195/298), 218<br>Model 166.0/8, 292<br>Model 212.095/098/195/298  | WS83.00-P-0034B<br>WS83.00-P-0031B<br>AR83.30-P-1761UV<br>AR83.30-P-1761GQ<br>AR83.30-P-1761PS |
|  | <b>Disconnect</b>   |   |  |
| 10   | Disconnect filler connection (2) of air<br>conditioning service unit from connection of<br>high pressure line (1)<br> WS<br>000 588 10 82 00 R1234yf air conditioning<br>service unit<br> WS<br>000 588 04 82 00 Air conditioning service unit<br>R134a | Model 166, 292<br>with code 2U8 (Alternative refrigerant)<br>Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218  | WS83.00-P-0034B<br>WS83.00-P-0031B   |
| 11   | Disconnect filler connection (3) of air<br>conditioning service unit from connection of<br>low-pressure line (4)<br> WS<br>000 588 10 82 00 R1234yf air conditioning<br>service unit<br> WS<br>000 588 04 82 00 Air conditioning service unit<br>R134a  | Model 166, 292<br>with code 2U8 (Alternative refrigerant)<br>Model 166, 292<br>except code 2U8 (Alternative refrigerant)<br>Model 204, 207, 212, 218  | WS83.00-P-0034B<br>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<br>except code 2U8<br>(Alternative<br>refrigerant)<br>Model 166.8<br>except code 2U8<br>(Alternative<br>refrigerant)<br>except code 582<br>(Rear air<br>conditioner) | Model 166.0<br>(except 166.063),<br>292<br>with code 2U8<br>(Alternative<br>refrigerant)<br>Model 166.8<br>with code 2U8<br>(Alternative<br>refrigerant)<br>except code 582<br>(Rear air<br>conditioner) |                    |
|--------------------|---|-------------------------------------|---|--|--------------------|
| BF83.00-P-1001-01F | Air conditioning/automatic air conditioning | Filling capacity for<br>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<br>with code 2U8<br>(Alternative<br>refrigerant) | Model 166.8<br>with code 582<br>(Rear air<br>conditioner)<br>except code 2U8<br>(Alternative<br>refrigerant) |
|--------------------|---|-------------------------------------|---|--|--|
| BF83.00-P-1001-01F | Air conditioning/automatic air conditioning | Filling capacity for<br>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<br>with code 2U8<br>(Alternative<br>refrigerant)<br>with code 582<br>(Rear air<br>conditioner) |
|--------------------|---|-------------------------------------|---|--|
| BF83.00-P-1001-01F | Air conditioning/automatic air conditioning | Filling capacity for<br>refrigerant | g | 1250   |
|                    |   | Sheet R134a                         |   | -  |
|                    |   | Sheet R1234yf                       |   | BB00.40-P-0361-01A   |

 Air conditioning/automatic air conditioning

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

 Air conditioning/automatic air conditioning

| Number             | Designation   |                    |   | Model 207          | Model 212 (except<br>212.074/075/076/07<br>7/092/095/098/195/2<br>74/275/276/277/292/<br>298) |
|--------------------|---|--------------------|---|--------------------|---|
| BF83.00-P-1001-01I | Filling capacity of air conditioning/automatic air conditioning | Refrigerant R134 a | g | 590                | 590   |
|                    |   | See                |   | BB00.40-P-0361-00A | BB00.40-P-0361-00A  |

 Air conditioning/automatic air conditioning

| Number             | Designation   | Model<br>212.074/075/076/077<br>/092/274/275/276/27<br>7/292 | Model<br>212.095/098/195/29<br>8 |
|--------------------|---|--|----------------------------------|
| BF83.00-P-1001-01I | Filling capacity of air conditioning/automatic air conditioning | Refrigerant R134 a g<br>640                                  | 690                              |
|                    | See   | BB00.40-P-0361-00A   | BB00.40-P-0361-00A               |

 Air conditioning/automatic air conditioning


| Number             | Designation   | Model 218 except<br>engine 157 | Model 218 with<br>engine 157 |
|--------------------|---|--------------------------------|------------------------------|
| BF83.00-P-1001-01I | Filling capacity of air conditioning/automatic air conditioning | Refrigerant R134 a g<br>590    | 640                          |
|                    | See   | BB00.40-P-0361-00A             | BB00.40-P-0361-00A           |

 Refrigerant compressor

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

 Refrigerant compressor

| Number             | Designation                         | Model 212 (except<br>212.095/098/195/298<br>) | Model<br>212.095/098/195/29<br>8 |
|--------------------|-------------------------------------|---|----------------------------------|
| BF83.55-P-1001-01J | Filling capacity for A/C compressor | Compressor oil cm <sup>3</sup><br>120         | 120                              |
|                    | Sheet                               | BB00.40-P-0362-01A                            | BB00.40-P-0362-01A               |

 Refrigerant compressor

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


 Refrigerant compressor

| Number             | Designation  | Model 166<br>except code 582<br>(Rear air<br>conditioner) | Model 166<br>with code 582<br>(Rear air<br>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><br>40                      | 40  |

|  |       |                    |                        |
|--|-------|--------------------|------------------------|
|  | Sheet | BB00.40-P-0362-01A | BB00.40-P-0362-01<br>A |
|--|-------|--------------------|------------------------|

 Refrigerant compressor

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

 Refrigerant compressor

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

 Refrigerant compressor

| Number             | Designation  | 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 Compressor oil cm <sup>3</sup><br>system suddenly loses fluid (e.g. line ruptured) | 40                                     | 40                        |
|                    | Sheet  | BB00.40-P-0362-01A                     | BB00.40-P-0362-01<br>A    |

 Refrigerant compressor

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

 Refrigerant compressor

| 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 Compressor oil cm <sup>3</sup><br>condenser | 20   | 20   |
|                    | Sheet  | BB00.40-P-0362-01A                               | BB00.40-P-0362-01<br>A                         |

 Refrigerant compressor

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


 Refrigerant compressor

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

 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 Compressor oil condenser | 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 Compressor oil condenser | 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 Compressor oil evaporator | 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 Compressor oil evaporator | cm <sup>3</sup> 40 |
|                    | Sheet  | BB00.40-P-0362-01A |

 Refrigerant compressor

| Number             | Designation  | Model 204          | Model 207          |
|--------------------|--|--------------------|--------------------|
| BF83.55-P-1004-01J | Additional oil filling quantity after replacement of Compressor oil evaporator | cm <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 |
|--------------------|--|--|---------------------------|
| BF83.55-P-1004-01J | Additional oil filling quantity after replacement of Compressor oil evaporator | 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-1004-01J | Additional oil filling quantity after replacement of Compressor oil evaporator | 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 Compressor oil fluid reservoir | 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 Compressor oil fluid reservoir | 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 Compressor oil suction line | 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 Compressor oil suction line | 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 Compressor oil suction line | 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 Compressor oil low-pressure line | 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 Compressor oil low-pressure line | 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 Compressor oil pressure line | 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 Compressor oil pressure line | 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 Compressor oil pressure line | 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-1007-01I | Additional oil filling quantity after replacement of Compressor oil high-pressure line | 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-1007-01I | Additional oil filling quantity after replacement of Compressor oil high-pressure line | cm <sup>3</sup> 10 |
|                    | Sheet  | BB00.40-P-0362-01A |

 Refrigerant compressor

| Number             | Designation  | Model 204          | Model 207          |
|--------------------|--|--------------------|--------------------|
| BF83.55-P-1007-01J | 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 |

 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 Compressor oil refrigerant compressor | 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-1007-01J | Additional oil filling quantity after replacement of Compressor oil refrigerant compressor | 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-1008-011 | 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 |

 Refrigerant compressor


| Number             | Designation  | Model 292          |
|--------------------|--|--------------------|
| BF83.55-P-1008-011 | Additional oil filling quantity after replacement of Compressor oil refrigerant compressor |                    |
|                    | 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>    |
| 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-1009-011 | 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 292          |
|--------------------|---|--------------------|
| BF83.55-P-1009-011 | Additional oil filling quantity with detectable leakage |                    |
|                    | Compressor oil  | cm <sup>3</sup>    |
| Sheet              |   | BB00.40-P-0362-01A |

 Refrigerant compressor


| Number             | Designation   | Model 204          | Model 207          |
|--------------------|---|--------------------|--------------------|
| BF83.55-P-1009-01J | Additional oil filling quantity after replacement of Compressor oil 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 (except 212.095/098/195/298) | Model 212.095/098/195/298 |
|--------------------|---|--|---------------------------|
| BF83.55-P-1009-01J | Additional oil filling quantity after replacement of Compressor oil desiccant cartridge | 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 Compressor oil desiccant cartridge | 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-1010-01I | Additional oil filling quantity after replacement of Compressor oil rear air conditioning evaporator | 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 Compressor oil rear air conditioning evaporator | 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 | 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 Compressor oil rear A/C lines | 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 Compressor oil rear A/C lines | cm <sup>3</sup> 20 |
|                    | Sheet  | BB00.40-P-0362-01A |

 Refrigerant compressor


| Number             | Designation   | Model 166<br>except code 582<br>(Rear air<br>conditioner) | Model 166<br>with code 582<br>(Rear air<br>conditioner) |
|--------------------|---|---|---|
| BF83.55-P-1012-011 | Additional oil filling quantity after replacement of Compressor oil evaporator (rear) | cm <sup>3</sup><br>10                                     | 10  |
|                    | Sheet   | BB00.40-P-0362-01A  | BB00.40-P-0362-01A                                      |

 Refrigerant compressor

| Number             | Designation   | Model 292             |
|--------------------|---|-----------------------|
| BF83.55-P-1012-011 | Additional oil filling quantity after replacement of Compressor oil evaporator (rear) | cm <sup>3</sup><br>10 |
|                    | Sheet   | BB00.40-P-0362-01A    |

 Refrigerant compressor

| Number             | Designation  | Model 166<br>except code 582<br>(Rear air<br>conditioner) | Model 166<br>with code 582<br>(Rear air<br>conditioner) |
|--------------------|--|---|---|
| BF83.55-P-1013-011 | Additional filling quantity for refrigerant compressor with rear air conditioning system | Compressor oil<br>cm <sup>3</sup><br>30                   | 30  |
|                    | Sheet  | BB00.40-P-0362-01A  | BB00.40-P-0362-01A                                      |

 Refrigerant compressor

| Number             | Designation  | Model 292                               |
|--------------------|--|---|
| BF83.55-P-1013-011 | Additional filling quantity for refrigerant compressor with rear air conditioning system | Compressor oil<br>cm <sup>3</sup><br>30 |
|                    | Sheet  | BB00.40-P-0362-01A                      |