

Document number: ps32\_22-p-2101-97daa

Document title: Wiring diagram of Airmatic control unit

| Code:     | Designation:   | Position: |
|-----------|--|-----------|
| A0        | Color code key   | 56L       |
| A9/1      | AIRMATIC compressor  | 12L       |
| A9/1m1    | Compressor   | 13L       |
| A9/1x1    | AIRMATIC compressor electrical connector                           | 13H       |
| A9/1y1    | AIRMATIC pressure reduction valve                                  | 12L       |
| B22/10    | Right rear level sensor  | 10L       |
| B22/7     | Left rear level sensor   | 8L        |
| B22/8     | Left front level sensor  | 39L       |
| B22/9     | Right front level sensor   | 39L       |
| B24/3     | Left front body lateral acceleration sensor                        | 41L       |
| B24/4     | Right front body lateral acceleration sensor                       | 35L       |
| B24/5     | Left rear body lateral acceleration sensor                         | 37L       |
| CAN E     | Chassis CAN  | 6L        |
| CAN E1    | Chassis CAN 1  | 48K       |
| Code 4U7  | Start/stop voltage dip protection                                  | 48K       |
| Code B03  | ECO start/stop function  | 17H       |
| Code ME04 | Hybrid drive 20 KW VARIANT   | 17H       |
| F32       | Front electrical prefuse box                                       | 17H       |
| F32F160   | Prefuse 160  | 18L       |
| F32F162   | Prefuse 162  |           |
| K67       | AIRMATIC relay   | 15L       |
| N10/2     | Rear SAM control unit with fuse and relay module                   | 3L        |
| N10/2f68  | Fuse 68  | 2K        |
| N51/3     | AIRMATIC control unit  | 4A        |
| N51/3     | AIRMATIC control unit  | 11A       |
| N51/3     | AIRMATIC control unit  | 19A       |
| N51/3     | AIRMATIC control unit  | 28A       |
| N51/3     | AIRMATIC control unit  | 36A       |
| N51/3     | AIRMATIC control unit  | 44A       |
| U12       | Valid for left-hand drive vehicles                                 | 2C        |
| U13       | Valid for right-hand drive vehicles                                | 2C        |
| U240      | Valid for all except ECO start/stop function                       | 17G       |
| W15/1     | Right footwell ground point  | 3E        |
| W15/2     | Left footwell ground point   | 3F        |
| W6/4      | Ground point (bumper bracket on left of trunk)                     | 13F       |
| X30/30    | Vehicle floor chassis CAN voltage distributor electrical connector | 48L       |
| X62/32    | Rear axle electrical connector, left distributor                   | 7H        |
| X62/32    | Rear axle electrical connector, left distributor                   | 28H       |
| X62/33    | Rear axle electrical connector, right distributor                  | 9H        |

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|--------------|--|------------------|
| X62/33       | Rear axle electrical connector, right distributor  | 30H              |
| X62/6        | Front axle electrical connector, right distributor | 33H              |
| X62/7        | Front axle electrical connector, left distributor  | 31H              |
| Y36/6        | AIRMATIC valve unit                                | 22L              |
| Y36/6b1      | AIRMATIC pressure sensor                           | 24L              |
| Y36/6y1      | Left front level control valve                     | 22L              |
| Y36/6y2      | Right front level control valve                    | 20L              |
| Y36/6y3      | Left rear level control valve                      | 20L              |
| Y36/6y4      | Right rear level valve                             | 21L              |
| Y36/6y5      | AIRMATIC central reservoir filling valve           | 23L              |
| Y51          | Left front axle damping valve unit                 | 32L              |
| Y52          | Right front axle damping valve unit                | 33L              |
| Y53          | Left rear axle damping valve unit                  | 29L              |
| Y54          | Right rear axle damping valve unit                 | 30L              |
| Z211z1       | Circuit 30 supply connector sleeve                 | 18E              |
| Z211z2       | Circuit 30 supply connector sleeve                 | 16E              |
| Z211z3       | Circuit 30 supply connector sleeve                 | 13E              |

