

Document number: pe54.21-p-2108-97dai

Document title: Wiring diagram / rear SAM control unit with fuse and relay module (N10/2)

| Code: | Designation: | Position: |
|--------------|--|------------------|
| A0 | Color code key | 80L |
| A6 | Stationary heater unit | 34L |
| A90/5 | Multimedia connection unit | 58L |
| Code 220 | PARKTRONIC | 48G |
| Code 233 | DISTRONIC PLUS | 40G |
| Code 233 | DISTRONIC PLUS | 36G |
| Code 234 | Blind spot assist | 36G |
| Code 235 | Active Park Assist | 48G |
| Code 237 | Active Blind Spot Assist | 40G |
| Code 238 | Active Lane Keeping Assist | 40G |
| Code 4U7 | Start/stop voltage dip protection | 2G |
| Code 505 | Radio 20 NTG5, non-navigation-capable | 56G |
| Code 518 | Media Interface | 52G |
| Code 522 | Audio 20 radio | 56G |
| Code 531 | COMAND APS | 56G |
| Code 631 | Static LED headlamp, left-hand traffic | 24H |
| Code 632 | Static LED headlamp, right-hand traffic | 24H |
| Code 641 | Dynamic LED headlamps, left-hand traffic | 24G |
| Code 642 | Dynamic LED headlamps, right-hand traffic | 24G |
| Code B03 | ECO start/stop function | 2G |
| Code B03 | ECO start/stop function | 8G |
| Code U10 | Weight sensing system (WSS) | 60G |
| Code U80 | 115 V socket | 17G |
| E1 | Left front lamp unit | 25K |
| E1 | Left front lamp unit | 27K |
| E1 | Left front lamp unit | 27J |
| E2 | Right front lamp unit | 26K |
| E2 | Right front lamp unit | 27K |
| E2 | Right front lamp unit | 26J |
| F32 | Front electrical prefuse box | 5L |
| F32f158 | Prefuse 158 | 3K |
| F32f163 | Prefuse 163 | 3K |
| F32f164 | Prefuse 164 | 7K |
| F33 | Rear prefuse box | 14L |
| F33f172 | Prefuse 172 | 12K |
| F97 | Rear SAM control unit with fuse and relay module circuit 30 fuse | 9H |
| K25 | Oil cooler fan motor relay | 30L |
| N10/1 | Front SAM control unit with fuse and relay module | 73L |
| N10/2 | Rear SAM control unit with fuse and relay module | 4A |
| N10/2 | Rear SAM control unit with fuse and relay module | 12A |
| N10/2 | Rear SAM control unit with fuse and relay module | 28A |
| N10/2 | Rear SAM control unit with fuse and relay module | 20A |
| N10/2 | Rear SAM control unit with fuse and relay module | 36A |
| N10/2 | Rear SAM control unit with fuse and relay module | 44A |
| N10/2 | Rear SAM control unit with fuse and relay module | 52A |
| N10/2 | Rear SAM control unit with fuse and relay module | 60A |
| N10/2 | Rear SAM control unit with fuse and relay module | 68A |
| N10/2 | Rear SAM control unit with fuse and relay module | 76A |
| N10/2f74 | Fuse 74 | |
| N10/2f75 | Fuse 75 | 32A |
| N10/2f76 | Fuse 76 | 71A |
| N10/2f77 | Fuse 77 | 64A |
| N10/2f78 | Fuse 78 | 55A |
| N10/2f79 | Fuse 79 | 39A |
| N10/2f80 | Fuse 80 | 49A |
| N10/2kG | Circuit 15R relay (2) | 72A |
| N110 | Weight Sensing System (WSS) control unit | 62L |

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|--------------|--|------------------|
| N125/1 | Media interface control unit | 54L |
| N24/3 | DC/AC converter control unit | 18L |
| N41/1 | Navigation processor | 65L |
| N62 | Parking system control unit | 50L |
| N62/1 | Radar sensors control unit | 38L |
| N62/2 | Video and radar sensor system control unit | 42L |
| N69/5 | KEYLESS-GO control unit | 22L |
| N93/7 | Chassis gateway control unit | 46L |
| R5/3 | Rear cup holder | 70L |
| U1038 | Valid for vehicle model designation 212.1 | 68G |
| U1071 | Valid for stereo multifunction camera | 44G |
| U118 | Valid for front battery | 7G |
| U119 | Valid for rear battery | 12G |
| U152 | Valid for gasoline engine 156 | 28G |
| U152 | Valid for gasoline engine 156 | 31A |
| U223 | Valid for external navigation | 64G |
| U240 | Valid for all except ECO start/stop function | 2G |
| U240 | Valid for all except ECO start/stop function | 7G |
| U579 | Valid for stationary heater | 33G |
| U579 | Valid for stationary heater | 31A |
| U82 | Valid for KEYLESS GO | 20G |
| U880 | Valid for diesel engine 642 | 8H |
| U968 | Valid for mild hybrid drive | 2G |
| W19 | Right front seat crossmember ground point | 69G |
| W7 | Right rear wheel well ground point | 16G |
| X1/55 | External navigation electrical connector | 66J |
| X115/2 | Rear USB electrical connector | 77L |
| X18 | Vehicle interior and harness for taillamp electrical connector | 53H |
| X55/4 | Front passenger seat connector block | 63J |
| X58/18 | Rear center console power outlet | 75L |
| Z3/13z1 | Circuit 15R connector sleeve | 70H |
| Z51/6 | Circuit 58d vehicle interior connector sleeve | 71H |
| Z6/130z1 | Rear center console terminal 31 connector sleeve | 69H |
| Z6/130z1 | Rear center console terminal 31 connector sleeve | 77H |
| Z7/19 | Circuit 30 (fused) connector sleeve | 45H |

