

Document number : pe54.15-p-2502-97daa
Document title : Wiring diagram of front backup fuse box (F32)

| Code : | Designation : | Position : |
|---------------|--|-------------------|
| A0 | Color code key | 340L |
| Code 228 | Stationary heater | 135F |
| Code 228 | Stationary heater | 312F |
| Code 421 | 9-speed automatic transmission | 151F |
| Code 421 | 9-speed automatic transmission | 318F |
| Code 423 | 5-speed automatic transmission | 85B |
| Code 427 | 7-speed automatic transmission | 85B |
| Code 488 | Steel/air suspension | 35G |
| Code 488 | Steel/air suspension | 115G |
| Code 488 | Steel/air suspension | 205G |
| Code 488 | Steel/air suspension | 292G |
| Code 489 | AIMMATIC (air suspension with continuously adjustable damping) | 35F |
| Code 489 | AIMMATIC (air suspension with continuously adjustable damping) | 115F |
| Code 489 | AIMMATIC (air suspension with continuously adjustable damping) | 205F |
| Code 489 | AIMMATIC (air suspension with continuously adjustable damping) | 292F |
| Code 4U7 | Start/stop voltage dip protection | 258A |
| Code 580 | Air conditioning | 32G |
| Code 580 | Air conditioning | 47G |
| Code 580 | Air conditioning | 108G |
| Code 580 | Air conditioning | 127G |
| Code 580 | Air conditioning | 198G |
| Code 580 | Air conditioning | 217G |
| Code 580 | Air conditioning | 285G |
| Code 580 | Air conditioning | 304G |
| Code 581 | Automatic air conditioning | 32G |
| Code 581 | Automatic air conditioning | 47G |
| Code 581 | Automatic air conditioning | 108G |
| Code 581 | Automatic air conditioning | 127G |
| Code 581 | Automatic air conditioning | 198G |
| Code 581 | Automatic air conditioning | 217G |
| Code 581 | Automatic air conditioning | 285G |
| Code 581 | Automatic air conditioning | 304G |
| Code B03 | ECO start/stop function | 70A |
| Code MEO4 | Hybrid drive 20 KW VARIANT | 168A |
| Code Z04 | High protection B4 | 19F |
| F270 | Additional battery fuse | 239G |
| F32 | Front electrical prefuse box | 170A |
| F32 | Front electrical prefuse box | 5A |
| F32 | Front electrical prefuse box | 24A |

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|---------------|------------------------------------|-------------------|
| F32 | Front electrical prefuse box | 14A |
| F32 | Front electrical prefuse box | 32A |
| F32 | Front electrical prefuse box | 40A |
| F32 | Front electrical prefuse box | 48A |
| F32 | Front electrical prefuse box | 56A |
| F32 | Front electrical prefuse box | 64A |
| F32 | Front electrical prefuse box | 84A |
| F32 | Front electrical prefuse box | 92A |
| F32 | Front electrical prefuse box | 100A |
| F32 | Front electrical prefuse box | 108A |
| F32 | Front electrical prefuse box | 116A |
| F32 | Front electrical prefuse box | 125A |
| F32 | Front electrical prefuse box | 132A |
| F32 | Front electrical prefuse box | 140A |
| F32 | Front electrical prefuse box | 149A |
| F32 | Front electrical prefuse box | 159A |
| F32 | Front electrical prefuse box | 177A |
| F32 | Front electrical prefuse box | 185A |
| F32 | Front electrical prefuse box | 192A |
| F32 | Front electrical prefuse box | 200A |
| F32 | Front electrical prefuse box | 208A |
| F32 | Front electrical prefuse box | 216A |
| F32 | Front electrical prefuse box | 225A |
| F32 | Front electrical prefuse box | 233A |
| F32 | Front electrical prefuse box | 241A |
| F32 | Front electrical prefuse box | 249A |
| F32 | Front electrical prefuse box | 269A |
| F32 | Front electrical prefuse box | 277A |
| F32 | Front electrical prefuse box | 285A |
| F32 | Front electrical prefuse box | 293A |
| F32 | Front electrical prefuse box | 301A |
| F32 | Front electrical prefuse box | 310A |
| F32 | Front electrical prefuse box | 318A |
| F32 | Front electrical prefuse box | 327A |
| F32c1 | Interference suppression capacitor | 17A |
| F32f150 | Prefuse 150 | 5C |
| F32f150 | Prefuse 150 | 94C |
| F32f150 | Prefuse 150 | 170C |
| F32f150 | Prefuse 150 | 271C |

Document number : pe54.15-p-2502-97daa
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| Code : | Designation : | Position : |
|---------------|----------------------|-------------------|
| F32f151 | Prefuse 151 | 42C |
| F32f151 | Prefuse 151 | 124C |
| F32f151 | Prefuse 151 | 214C |
| F32f151 | Prefuse 151 | 295C |
| F32f152 | Prefuse 152 | 46C |
| F32f152 | Prefuse 152 | 128C |
| F32f152 | Prefuse 152 | 218C |
| F32f152 | Prefuse 152 | 313C |
| F32f153 | Prefuse 153 | 40C |
| F32f153 | Prefuse 153 | 131C |
| F32f153 | Prefuse 153 | 221C |
| F32f153 | Prefuse 153 | 297C |
| F32f154 | Prefuse 154 | 44C |
| F32f154 | Prefuse 154 | 134C |
| F32f154 | Prefuse 154 | 224C |
| F32f154 | Prefuse 154 | 301C |
| F32f155 | Prefuse 155 | 48C |
| F32f155 | Prefuse 155 | 136C |
| F32f155 | Prefuse 155 | 225C |
| F32f155 | Prefuse 155 | 305C |
| F32f156 | Prefuse 156 | 51C |
| F32f156 | Prefuse 156 | 159C |
| F32f156 | Prefuse 156 | 250C |
| F32f156 | Prefuse 156 | 308C |
| F32f157 | Prefuse 157 | 55C |
| F32f157 | Prefuse 157 | 120C |
| F32f157 | Prefuse 157 | 210C |
| F32f157 | Prefuse 157 | 311C |
| F32f158 | Prefuse 158 | 29C |
| F32f158 | Prefuse 158 | 163C |
| F32f158 | Prefuse 158 | 254C |
| F32f158 | Prefuse 158 | 283C |
| F32f159 | Prefuse 159 | 24C |
| F32f159 | Prefuse 159 | 149C |
| F32f159 | Prefuse 159 | 278C |
| F32f160 | Prefuse 160 | 38C |
| F32f160 | Prefuse 160 | 106C |
| F32f160 | Prefuse 160 | 195C |
| F32f160 | Prefuse 160 | 290C |

Document number : pe54.15-p-2502-97daa
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| Code : | Designation : | Position : |
|---------------|--|-------------------|
| F32f161 | Prefuse 161 | 62C |
| F32f161 | Prefuse 161 | 101C |
| F32f161 | Prefuse 161 | 191C |
| F32f161 | Prefuse 161 | 326C |
| F32f162 | Prefuse 162 | 63C |
| F32f162 | Prefuse 162 | 113C |
| F32f162 | Prefuse 162 | 203C |
| F32f162 | Prefuse 162 | 328C |
| F32f163 | Prefuse 163 | 65C |
| F32f163 | Prefuse 163 | 332C |
| F32f164 | Prefuse 164 | 57C |
| F32f164 | Prefuse 164 | 319C |
| F32k1 | Decoupling relay | 91A |
| F32k2 | Quiescent current cutout relay | 59A |
| F32k2 | Quiescent current cutout relay | 157A |
| F34 | Interior fuse box | 138L |
| F34 | Interior fuse box | 315L |
| F63 | Pyrofuse | 82L |
| F96 | Additional battery circuit 30 fuse | 146G |
| F96 | Additional battery circuit 30 fuse | 235G |
| G1 | On-board electrical system battery | 12L |
| G1 | On-board electrical system battery | 84L |
| G1 | On-board electrical system battery | 269L |
| G1/11 | Rear on-board electrical system battery | 15L |
| G1/11 | Rear on-board electrical system battery | 180L |
| G1/13 | ECO start/stop function additional battery | 145L |
| G1/13 | ECO start/stop function additional battery | 234L |
| G2 | Alternator | 5L |
| G2 | Alternator | 94L |
| G2 | Alternator | 244L |
| G2 | Alternator | 271L |
| K114 | ECO start/stop function additional battery relay | 148L |
| K114 | ECO start/stop function additional battery relay | 237L |
| K13/2 | Heated windshield relay | 21L |
| K40/10 | HYBRID fuse and relay module | 227L |
| K67 | AIRMATIC relay | 37L |
| K67 | AIRMATIC relay | 117L |
| K67 | AIRMATIC relay | 207L |
| K67 | AIRMATIC relay | 294L |

Document number : pe54.15-p-2502-97daa
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| Code : | Designation : | Position : |
|---------------|--|-------------------|
| M1 | Starter | 3L |
| M1 | Starter | 75L |
| M1 | Starter | 173L |
| M1 | Starter | 263L |
| M4/7 | Combustion engine and air conditioning with integrated control fan motor | 45L |
| M4/7 | Combustion engine and air conditioning with integrated control fan motor | 124L |
| M4/7 | Combustion engine and air conditioning with integrated control fan motor | 214L |
| M4/7 | Combustion engine and air conditioning with integrated control fan motor | 302L |
| N10/1 | Front SAM control unit with fuse and relay module | 63L |
| N10/1 | Front SAM control unit with fuse and relay module | 54L |
| N10/1 | Front SAM control unit with fuse and relay module | 89L |
| N10/1 | Front SAM control unit with fuse and relay module | 142L |
| N10/1 | Front SAM control unit with fuse and relay module | 133L |
| N10/1 | Front SAM control unit with fuse and relay module | 161L |
| N10/1 | Front SAM control unit with fuse and relay module | 183L |
| N10/1 | Front SAM control unit with fuse and relay module | 223L |
| N10/1 | Front SAM control unit with fuse and relay module | 231L |
| N10/1 | Front SAM control unit with fuse and relay module | 260L |
| N10/1 | Front SAM control unit with fuse and relay module | 251L |
| N10/1 | Front SAM control unit with fuse and relay module | 310L |
| N10/1 | Front SAM control unit with fuse and relay module | 329L |
| N10/2 | Rear SAM control unit with fuse and relay module | 58L |
| N10/2 | Rear SAM control unit with fuse and relay module | 67L |
| N10/2 | Rear SAM control unit with fuse and relay module | 165L |
| N10/2 | Rear SAM control unit with fuse and relay module | 157L |
| N10/2 | Rear SAM control unit with fuse and relay module | 247L |
| N10/2 | Rear SAM control unit with fuse and relay module | 256L |
| N10/2 | Rear SAM control unit with fuse and relay module | 324L |
| N10/2 | Rear SAM control unit with fuse and relay module | 333L |
| N129/1 | Power electronics control unit | 241L |
| N14/3 | Glow output stage | 72L |
| N14/3 | Glow output stage | 170L |
| N2/10 | Supplemental restraint system control unit | 8L |
| N2/10 | Supplemental restraint system control unit | 78L |
| N2/10 | Supplemental restraint system control unit | 8L |
| N26/9 | Special-purpose vehicle multifunction control unit | 176L |
| N26/9 | Special-purpose vehicle multifunction control unit | 113L |
| N26/9 | Special-purpose vehicle multifunction control unit | 97L |
| N26/9 | Special-purpose vehicle multifunction control unit | 187L |
| N26/9 | Special-purpose vehicle multifunction control unit | 203L |

Document number : pe54.15-p-2502-97daa
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| Code : | Designation : | Position : |
|---------------|--|-------------------|
| N26/9 | Special-purpose vehicle multifunction control unit | 274L |
| N26/9 | Special-purpose vehicle multifunction control unit | 290L |
| N30/4 | Electronic Stability Program control unit | 25L |
| N30/4 | Electronic Stability Program control unit | 101L |
| N30/4 | Electronic Stability Program control unit | 101L |
| N30/4 | Electronic Stability Program control unit | 279L |
| N30/4 | Electronic Stability Program control unit | 279L |
| N30/6 | Regenerative braking system control unit | 192L |
| N30/7 | Premium Electronic Stability Program control unit | 25L |
| N30/7 | Premium Electronic Stability Program control unit | 102L |
| N30/7 | Premium Electronic Stability Program control unit | 101L |
| N30/7 | Premium Electronic Stability Program control unit | 278L |
| N30/7 | Premium Electronic Stability Program control unit | 279L |
| N68 | Electrical power steering control unit | 41L |
| N68 | Electrical power steering control unit | 121L |
| N68 | Electrical power steering control unit | 211L |
| N68 | Electrical power steering control unit | 298L |
| R22/3 | PTC heater booster | 48L |
| R22/3 | PTC heater booster | 128L |
| R22/3 | PTC heater booster | 218L |
| R22/3 | PTC heater booster | 305L |
| R62 | Voltage dip limiter | 266L |
| U118 | Valid for front battery | 10F |
| U118 | Valid for front battery | 51F |
| U118 | Valid for front battery | 56F |
| U119 | Valid for rear battery | 13F |
| U12 | Valid for left-hand drive vehicles | 16F |
| U12 | Valid for left-hand drive vehicles | 31F |
| U12 | Valid for left-hand drive vehicles | 30F |
| U12 | Valid for left-hand drive vehicles | 32F |
| U12 | Valid for left-hand drive vehicles | 95G |
| U12 | Valid for left-hand drive vehicles | 108F |
| U12 | Valid for left-hand drive vehicles | 107F |
| U12 | Valid for left-hand drive vehicles | 106F |
| U12 | Valid for left-hand drive vehicles | 197F |
| U12 | Valid for left-hand drive vehicles | 186G |
| U12 | Valid for left-hand drive vehicles | 196F |
| U12 | Valid for left-hand drive vehicles | 198F |
| U12 | Valid for left-hand drive vehicles | 272G |

Document number : pe54.15-p-2502-97daa
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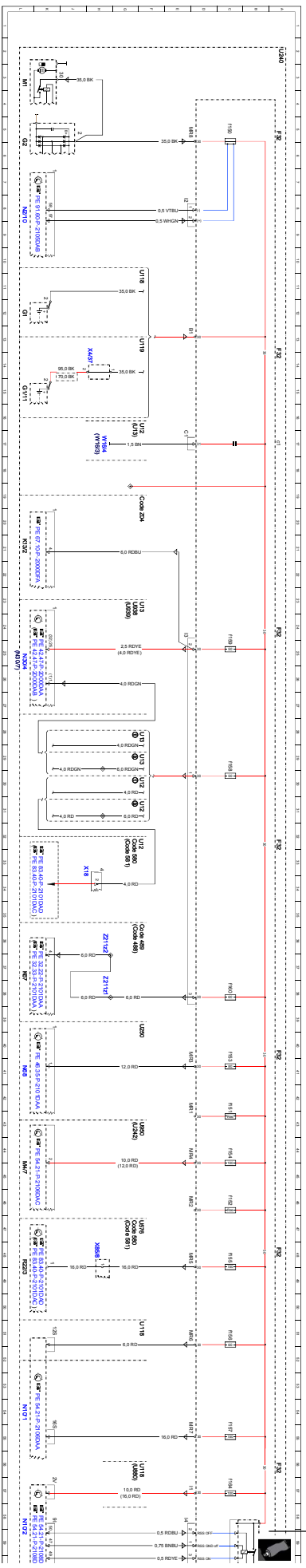
| Code : | Designation : | Position : |
|---------------|--|-------------------|
| U12 | Valid for left-hand drive vehicles | 283F |
| U12 | Valid for left-hand drive vehicles | 284F |
| U12 | Valid for left-hand drive vehicles | 285F |
| U123 | Valid for taxi electrical system | 95F |
| U123 | Valid for taxi electrical system | 112F |
| U123 | Valid for taxi electrical system | 186F |
| U123 | Valid for taxi electrical system | 202F |
| U123 | Valid for taxi electrical system | 272F |
| U123 | Valid for taxi electrical system | 289F |
| U13 | Valid for right-hand drive vehicles | 16G |
| U13 | Valid for right-hand drive vehicles | 23F |
| U13 | Valid for right-hand drive vehicles | 29F |
| U13 | Valid for right-hand drive vehicles | 28F |
| U13 | Valid for right-hand drive vehicles | 99F |
| U13 | Valid for right-hand drive vehicles | 112G |
| U13 | Valid for right-hand drive vehicles | 104F |
| U13 | Valid for right-hand drive vehicles | 105F |
| U13 | Valid for right-hand drive vehicles | 189F |
| U13 | Valid for right-hand drive vehicles | 194F |
| U13 | Valid for right-hand drive vehicles | 195F |
| U13 | Valid for right-hand drive vehicles | 202G |
| U13 | Valid for right-hand drive vehicles | 276F |
| U13 | Valid for right-hand drive vehicles | 289G |
| U13 | Valid for right-hand drive vehicles | 282F |
| U13 | Valid for right-hand drive vehicles | 281F |
| U13 | Valid for manual transmission | 85C |
| U24 | Valid for manual transmission | 89B |
| U240 | Valid for all except ECO start/stop function | 2A |
| U242 | Valid for fan motor 800 W | 43G |
| U242 | Valid for fan motor 800 W | 123G |
| U242 | Valid for fan motor 800 W | 213G |
| U242 | Valid for fan motor 800 W | 300G |
| U250 | Valid for electric power steering | 39F |
| U250 | Valid for electric power steering | 119F |
| U250 | Valid for electric power steering | 209F |
| U250 | Valid for electric power steering | 296F |
| U576 | Valid for heater booster | 47F |
| U576 | Valid for heater booster | 127F |
| U576 | Valid for heater booster | 217F |

Document number : pe54.15-p-2502-97daa
Document title : Wiring diagram of front backup fuse box (F32)

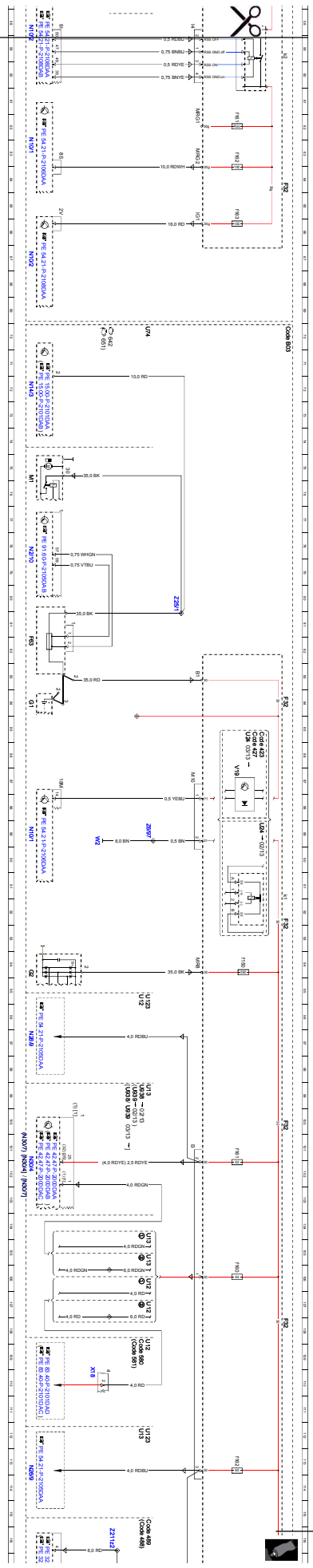
| Code : | Designation : | Position : |
|---------------|---|-------------------|
| U576 | Valid for heater booster | 304F |
| U74 | Valid for diesel engines | 70F |
| U880 | Valid for diesel engine 642 | 56G |
| U938 | Valid for ESP Basic | 23G |
| U938 | Valid for ESP Basic | 99G |
| U938 | Valid for ESP Basic | 99G |
| U938 | Valid for ESP Basic | 276G |
| U938 | Valid for ESP Basic | 276G |
| U939 | Valid for ESP Premium | 23G |
| U939 | Valid for ESP Premium | 99G |
| U939 | Valid for ESP Premium | 99G |
| U939 | Valid for ESP Premium | 276G |
| U939 | Valid for ESP Premium | 276G |
| U948 | Valid for diesel engine 651 | 168F |
| U950 | Valid for fan motor 650 W | 43F |
| U950 | Valid for fan motor 650 W | 123F |
| U950 | Valid for fan motor 650 W | 213F |
| U950 | Valid for fan motor 650 W | 300F |
| V19 | ECO start/stop function diode | 87C |
| V19 | ECO start/stop function diode | 182C |
| W16/3 | Left major assembly compartment ground point | 17H |
| W16/4 | Right wheelhouse ground point | 17H |
| W2 | Right front ground point at lamp unit | 89H |
| W2 | Right front ground point at lamp unit | 184H |
| W2 | Right front ground point at lamp unit | 265H |
| W7/8 | Right wheelhouse trunk ground point | 148G |
| W7/8 | Right wheelhouse trunk ground point | 237G |
| W8/8 | Ground point (right rear end) | 145G |
| W8/8 | Ground point (right rear end) | 233G |
| X18 | Vehicle interior and harness for tail lamp electrical connector | 33J |
| X18 | Vehicle interior and harness for tail lamp electrical connector | 110J |
| X18 | Vehicle interior and harness for tail lamp electrical connector | 200J |
| X18 | Vehicle interior and harness for tail lamp electrical connector | 287J |
| X221 | ECO start/stop function circuit 30 cable connector | 241G |
| X25/2 | Engine compartment/interior electrical connector | 266H |
| X26 | Interior and engine wiring harness electrical connector | 262H |
| X4/37 | Terminal block (circuit 30) | 14H |
| X4/37 | Terminal block (circuit 30) | 149H |
| X4/37 | Terminal block (circuit 30) | 179G |

Document number : pe54.15-p-2502-97daa
Document title : Wiring diagram of front backup fuse box (F32)

| Code : | Designation : | Position : |
|---------------|---|-------------------|
| X85/8 | PTC heater booster electrical connector | 48H |
| X85/8 | PTC heater booster electrical connector | 128H |
| X85/8 | PTC heater booster electrical connector | 218H |
| X85/8 | PTC heater booster electrical connector | 305H |
| Y3/8 | Fully integrated transmission control control unit | 153L |
| Y3/8 | Fully integrated transmission control control unit | 319L |
| Z21121 | Circuit 30 supply connector sleeve | 38H |
| Z21121 | Circuit 30 supply connector sleeve | 118H |
| Z21121 | Circuit 30 supply connector sleeve | 207H |
| Z21121 | Circuit 30 supply connector sleeve | 295H |
| Z21122 | Circuit 30 supply connector sleeve | 36H |
| Z21122 | Circuit 30 supply connector sleeve | 116H |
| Z21122 | Circuit 30 supply connector sleeve | 206H |
| Z21122 | Circuit 30 supply connector sleeve | 293H |
| Z21124 | Circuit 30 supply connector sleeve | 152H |
| Z21124 | Circuit 30 supply connector sleeve | 319H |
| Z236 | ECO start/stop function circuit 50 connector sleeve | 263E |
| Z25/1 | Starter circuit 30 terminal block connector sleeve | 80E |
| Z6/97 | Right lamp unit circuit 31 connector sleeve | 89F |
| Z6/97 | Right lamp unit circuit 31 connector sleeve | 184F |

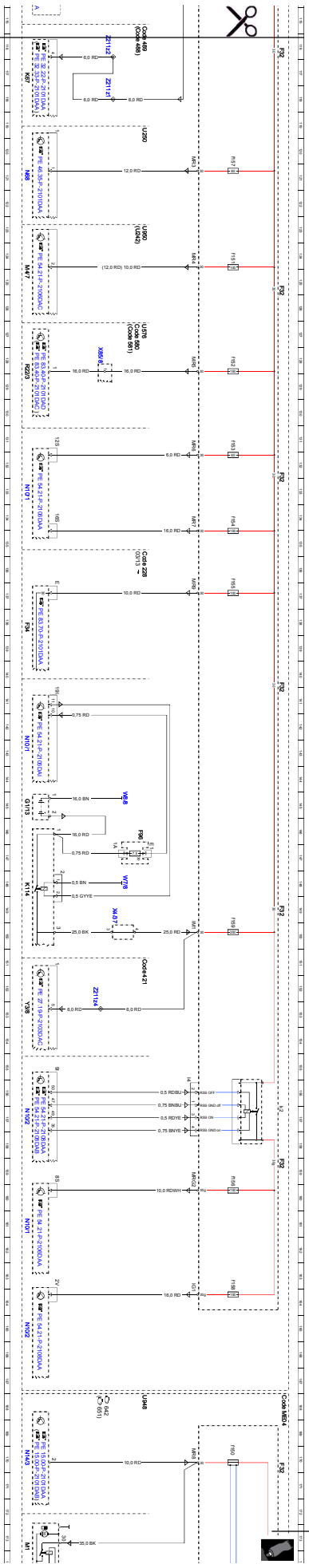


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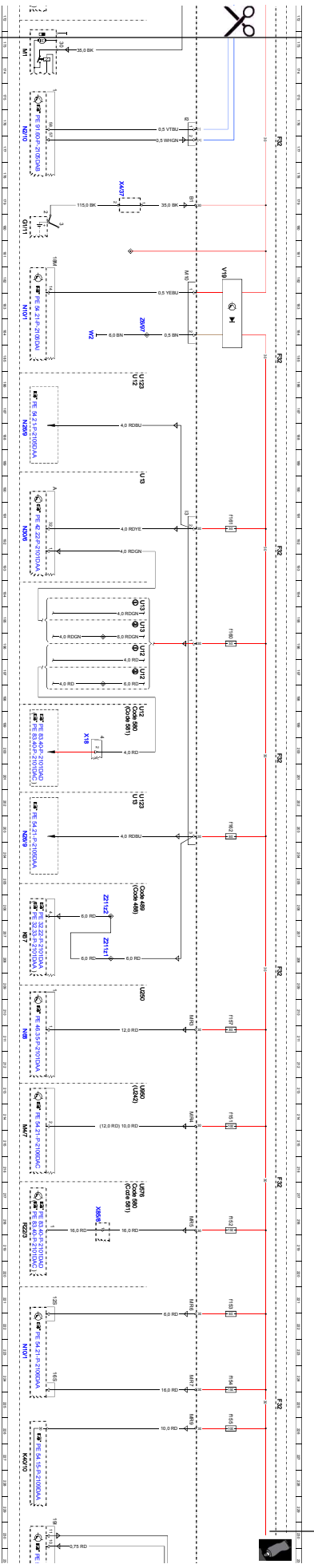
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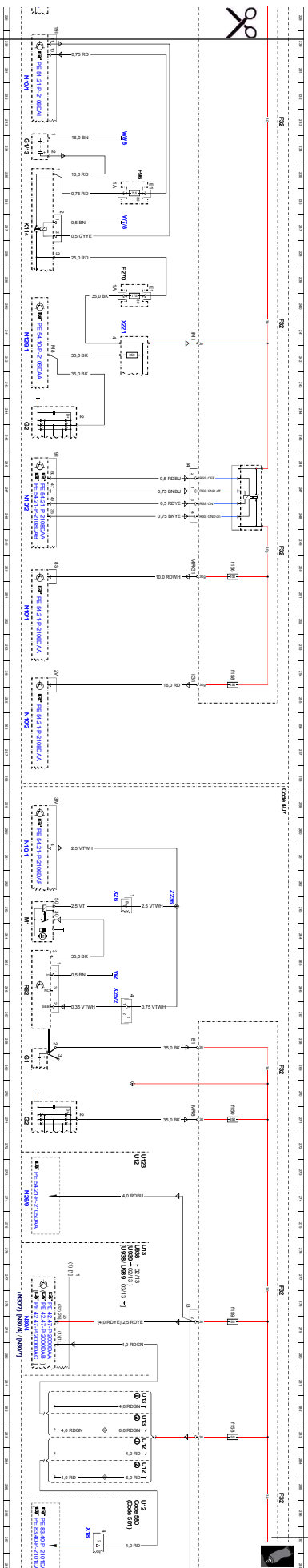
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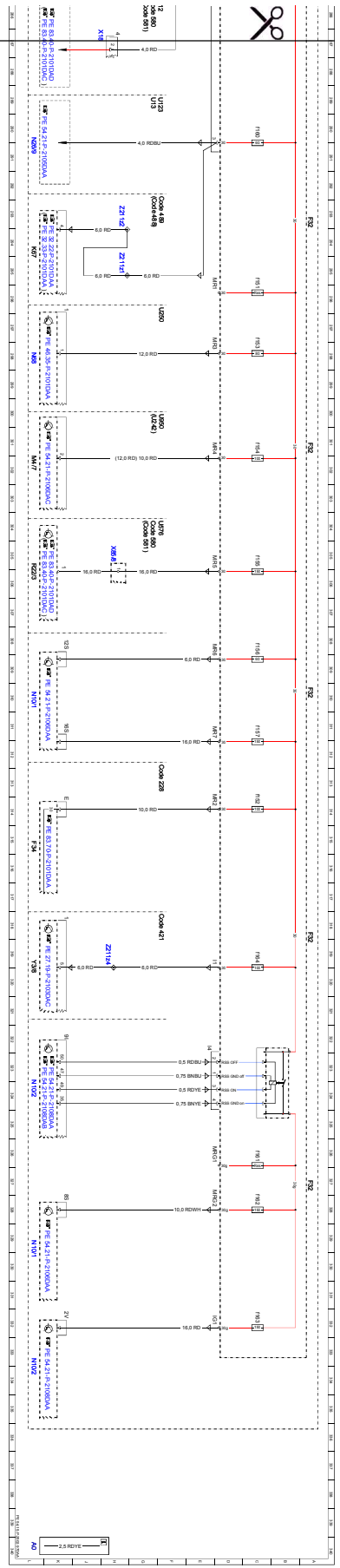
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