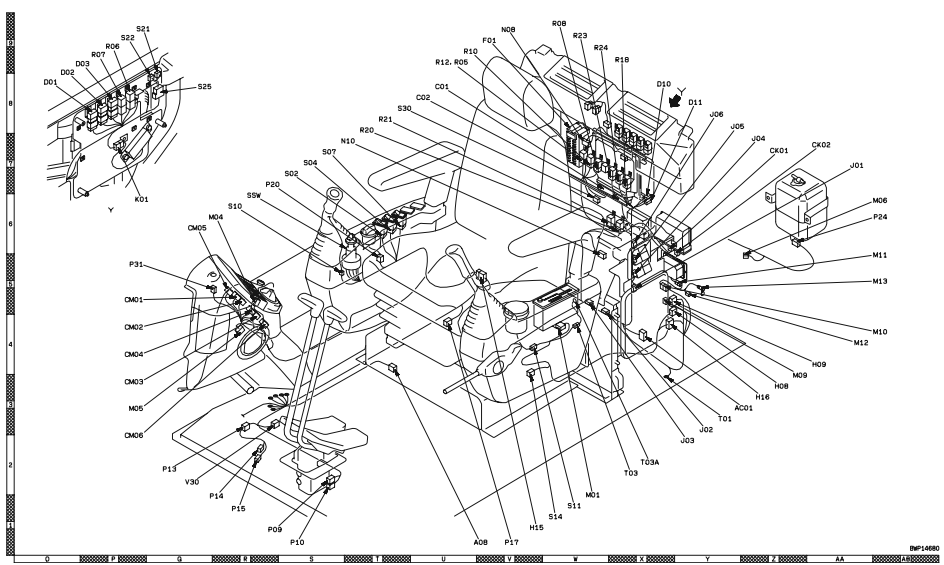
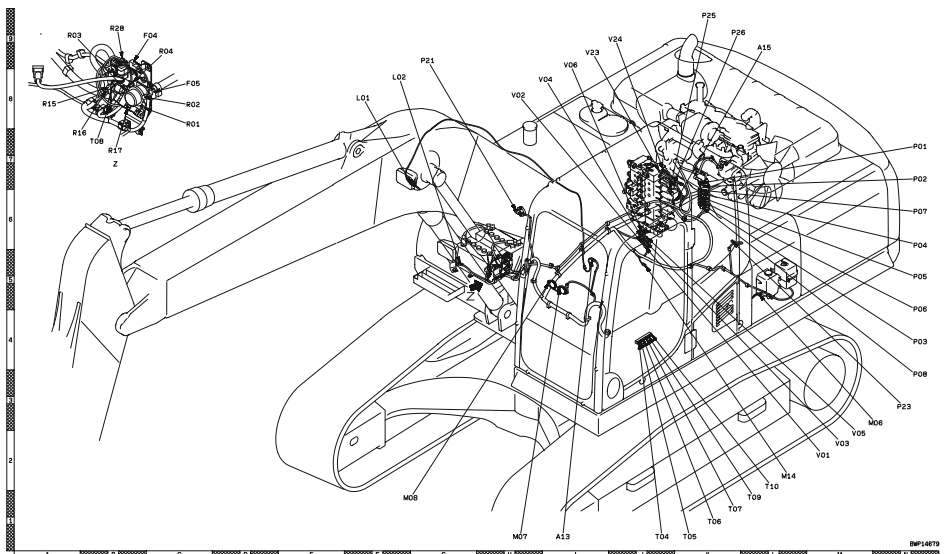


Connector arrangement diagram PC200, 200LC-8, PC220, 220LC-8

| Connector No. | Model | Number of pins | Component name | Address of diagram |
|---------------------|----------|----------------|---|--------------------|
| A08 | SWP | 12 | Intermediate connector | V-1 |
| A13 | DT | 2 | Intermediate connector | L-1 |
| A15 | DT | 2 | Intermediate connector | L-9 |
| AB | Terminal | 2 | Alternator (Terminal B) | AK-7 |
| AC01 | AMP | 2 | Air conditioner unit | Y-3 |
| AC02 | X | 1 | Air conditioner compressor electromagnetic clutch | AJ-4 |
| AMBAIR PRESSURE | | 3 | Ambient pressure sensor | AJ-2 |
| BOOST PRESS & IMT | | 3 | Boost pressure/temperature sensor | AK-5 |
| CM1 | AMP | 81 | Pump controller | U-8 |
| CM2 | AMP | 40 | Pump controller | U-8 |
| CAM SENSOR | | 3 | Engine Blup speed sensor | AJ-1 |
| CE01 | DRC | 60 | Engine controller | AK-1 |
| CE02 | DRC | 60 | Engine controller | AK-1 |
| CE03 | DTP | 4 | Engine controller | AK-1 |
| CK01 | AMP | 14 | KOMTRAX communication module | Z-7 |
| CK02 | AMP | 10 | KOMTRAX communication module | AA-7 |
| CM01 | 070 | 18 | Machine monitor | P-5 |
| CM02 | 070 | 12 | Machine monitor | P-4 |
| CM03 | 070 | 18 | Machine monitor | P-3 |
| CM04 | 070 | 12 | Machine monitor (Unconnector) | P-4 |
| CM05 | 070 | 8 | Machine monitor (For connection of camera) | Q-8 |
| CM06 | 070 | 4 | Machine monitor (GPS antenna) | P-2 |
| COOLANT TEMP | | 2 | Engine coolant temperature sensor | AJ-3 |
| CRANK SENSOR | | 3 | Engine No speed sensor | AJ-1 |
| D01 | SWP | 8 | Assembled-type diode | O-8 |
| D02 | SWP | 8 | Assembled-type diode | O-8 |
| D03 | SWP | 8 | Assembled-type diode | P-8 |
| D10 | | 2 | Diode | X-8 |
| D11 | | 2 | Diode | Y-8 |
| E01 | Terminal | 1 | Electrical intake air heater | AK-6 |
| E06 | DT | 2 | Intermediate connector | AL-1 |
| E08 | X | 1 | Intermediate connector | AK-3 |
| E10 | D | 1 | Intermediate connector | AL-4 |
| E12 | | 2 | Alternator (Terminals IG and L) | AL-8 |
| F01 | | — | Fuse box | V-9 |
| F04 | L | 2 | Fusible link (ISA) | C-9 |
| F05 | M | 2 | Fusible link (ISA) | C-8 |
| FUEL RAIL PRESS | | 3 | Common rail pressure sensor | AM-8 |
| FUEL REGULATOR | | 3 | Supply pump solenoid (MV) | AN-2 |
| H08 | M | 4 | Intermediate connector | Z-3 |
| H09 | M | 8 | Intermediate connector | AA-4 |
| H15 | 090 | 22 | Intermediate connector | V-1 |
| H16 | S | 12 | Intermediate connector | Z-3 |
| INJ.CYL.1 | DT | 2 | Injector #1 | AJ-4 |
| INJ.CYL.2 | DT | 2 | Injector #2 | AJ-4 |
| INJ.CYL.3 | DT | 2 | Injector #3 | AK-6 |
| INJ.CYL.4 | DT | 2 | Injector #4 | AK-6 |
| INJ.CYL.5 | DT | 2 | Injector #5 | AL-5 |
| INJ.CYL.6 | DT | 2 | Injector #6 | AL-6 |
| J01 | | 20 | Junction connector (Black) | AA-7 |
| J02 | | 20 | Junction connector (Black) | Y-3 |
| J03 | | 20 | Junction connector (Green) | Y-2 |
| J04 | | 20 | Junction connector (Green) | Z-7 |
| J05 | | 20 | Junction connector (Pink) | Y-8 |
| J06 | | 20 | Junction connector (Orange) | Y-8 |
| K01 | M | 2 | Pump (PPC) resistor | P-8 |
| K02 | DT | 3 | CAN terminal resistance | AL-1 |
| L01 | DT | 2 | Working lamp (Boom) | F-8 |
| L02 | DT | 2 | Right headlamp | F-8 |
| L03 | | 2 | Room lamp | Q-8 |
| L05 | | 2 | Intermediate connector (Rotary lamp specification) | AF-8 |
| L09 | DT | 2 | Rear working lamp (Rear working lamp specification) | AG-9 |
| L15 | | 2 | Rotary lamp (Rotary lamp specification) | AG-9 |
| M01 | FA | 9 | Radio | W-2 |
| M02 | | 2 | Speaker (Left) | AH-8 |
| M03 | | 2 | Speaker (Right) | AD-1 |
| M04 | | 2 | Cigarette lighter | RE-6 |
| M05 | M | 6 | Wiper motor | P-3, AC-5 |
| M06 | KE050 | 2 | Window washer motor | M-3, AB-4 |
| M07 | 090 | 2 | Horn (High tone) | H-1 |
| M08 | 090 | 2 | Horn (Low tone) | G-1 |
| M09 | M | 2 | Optional power supply connector (1) | Z-4 |
| M10 | M | 2 | Optional power supply connector (2) | AB-4 |
| M11 | M | 4 | DC/DC converter | AB-6 |
| M12 | M | 2 | Optional power supply connector (12 V) | AA-4 |
| M13 | M | 2 | 12V outlet | AB-5 |
| M14 | D | 2 | Trip alarm | V-2 |
| M40 | | 2 | Headlamp (headlamp specification) | AD-8 |
| M41 | | 2 | Headlamp (headlamp specification) | AC-7 |
| N08 | D | 12 | Service connector | V-9 |
| N10 | | 4 | Air conditioner unit | T-7 |
| OIL PRESSURE SWITCH | | 1 | Engine oil pressure switch (Low pressure) | AM-1 |
| P01 | AMP | 3 | Bucket cut PPC pressure sensor | N-7 |
| P02 | X | 2 | Boom lower PPC pressure switch | N-7 |
| P03 | AMP | 3 | Swing left PPC pressure sensor | N-4 |

| Connector No. | Model | Number of pins | Component name | Address of diagram |
|---------------|----------|----------------|---|--------------------|
| P04 | AMP | 3 | Arm cut PPC pressure sensor | N-6 |
| P05 | AMP | 3 | Bucket dump PPC pressure sensor | N-5 |
| P06 | AMP | 3 | Boom raise PPC pressure sensor | N-5 |
| P07 | AMP | 3 | Swing right PPC pressure sensor | N-8 |
| P08 | X | 2 | Arm dump PPC pressure switch | N-3 |
| P09 | X | 2 | Travel PPC pressure switch | S-1 |
| P10 | X | 2 | Travel steering PPC pressure switch | S-1 |
| P13 | X | 2 | Intermediate connector | Q-2 |
| P14 | X | 2 | Attachment pedal front PPC pressure switch (Attachment specification) | R-2 |
| P15 | X | 2 | Attachment pedal rear PPC pressure switch (Attachment specification) | R-1 |
| P16 | X | 2 | Attachment pedal front PPC pressure switch (Attachment specification) | R-2 |
| P17 | | 2 | Air conditioner/highlow pressure switch | V-1 |
| P20 | M | 3 | Fuel control dial | R-7 |
| P21 | X | 1 | Fuel level sensor | G-9 |
| P22 | D | 2 | Hydraulic oil temperature sensor | AN-2 |
| P23 | D | 2 | AI cleaner clogging switch | N-3 |
| P24 | X | 2 | Radiator coolant level switch | AB-8 |
| P25 | AMP | 3 | Z pump pressure sensor | K-9 |
| P26 | AMP | 3 | R pump pressure sensor | K-9 |
| P30 | X | 2 | Attachment pedal rear PPC pressure switch (Attachment specification) | R-1 |
| P31 | | 2 | Air conditioner daylight sensor | P-5 |
| P44 | D | 2 | Engine oil level sensor | AL-8 |
| P47 | DT | 2 | Water on-fuel sensor | AM-4 |
| R01 | Terminal | 1 | Battery relay (Terminal E) | C-8 |
| R02 | Terminal | 1 | Battery relay (Terminal BR) | C-8 |
| R03 | Terminal | 1 | Battery relay (Terminal M) | A-9 |
| R04 | Terminal | 1 | Battery relay (Terminal B) | C-9 |
| R05 | Relay | 5 | Light relay | U-9 |
| R06 | Relay | 5 | Starting motor output relay (PPC lock) | P-9 |
| R07 | Relay | 5 | Starting motor output relay (Personal code) | P-9 |
| R08 | Relay | 5 | Horn relay | W-9 |
| R10 | Relay | 5 | Rear light relay (Rear light specification) | U-9 |
| R12 | Relay | 5 | Cab light relay (Cab light specification) | U-9 |
| R15 | Terminal | 1 | Electrical intake air heater relay (Coff circuit) | A-8 |
| R16 | Terminal | 1 | Electrical intake air heater relay (Contact circuit) | B-5 |
| R17 | X | 2 | Starting motor safety relay (Terminals S and R) | B-7 |
| R18 | Relay | 5 | Automatic preheator relay | X-9 |
| R28 | Relay | 5 | Starting motor safety relay (Terminal C) | B-9 |
| R20 | Relay | 5 | Air conditioner blower relay | T-8 |
| R21 | Relay | 5 | Air conditioner compressor relay | T-8 |
| R23 | Relay | 5 | Engine controller relay (1) | W-9 |
| R24 | Relay | 5 | Engine controller relay (2) | W-9 |
| S03 | SWP | 6 | Swing lock switch | S-7 |
| S04 | SWP | 6 | Swing lock switch | S-7 |
| S07 | SWP | 6 | Rotary lamp switch (Rotary lamp specification) | S-7 |
| S10 | 090 | 2 | Right knob switch | R-6 |
| S11 | | 2 | Left knob switch | W-1 |
| S14 | M | 3 | PPC oil pressure lock switch | W-1 |
| S21 | | 12 | Emergency pump drive switch | P-9 |
| S22 | | 6 | Swing holding brake release switch | P-9 |
| S25 | 090 | 8 | Intermediate connector | Q-8 |
| S30 | S | 8 | Model selection connector | T-8 |
| S8 | Terminal | 2 | Starting motor (Terminal B) | AI-7 |
| S9 | Terminal | 1 | Starting motor (Terminal C) | AI-7 |
| T01 | Terminal | 2 | Rear frame ground | Y-3 |
| T02 | Terminal | 1 | Cab ground | AH-3 |
| T03 | Terminal | 1 | Intermediate connector | X-2 |
| T03A | Terminal | 1 | Radio body ground | X-2 |
| T04 | Terminal | 1 | Revolving frame ground | J-1, V-1 |
| T05 | Terminal | 1 | Revolving frame ground | K-1 |
| T06 | Terminal | 1 | Revolving frame ground | K-1 |
| T07 | Terminal | 1 | Revolving frame ground | K-1 |
| T08 | Terminal | 1 | Revolving frame ground | B-7 |
| T09 | Terminal | 1 | Revolving frame ground | L-1 |
| T10 | Terminal | 1 | Revolving frame ground | L-2 |
| T12 | Terminal | 1 | Engine cylinder truck ground | AL-1 |
| TOOL PORT | | 2 | Communication connector | AJ-2 |
| V01 | D | 2 | PPC lock solenoid valve | M-2 |
| V02 | D | 2 | 2-stage relief solenoid valve | H-8 |
| V03 | D | 2 | Swing holding brake solenoid valve | M-2 |
| V04 | D | 2 | Travel speed swing solenoid valve | LB |
| V05 | D | 2 | Travel lock solenoid valve | MC-2 |
| V06 | D | 2 | Attachment return selector solenoid valve (Attachment specification) | M-2 |
| V11 | D | 2 | Z-PC solenoid valve | L-2 |
| V12 | D | 2 | R-PC solenoid valve | AN-2 |
| V19 | D | 2 | LS-EPC valve | AM-5 |
| V23 | D | 2 | Merge-divide EPC valve (Main) | I-9 |
| V24 | D | 2 | Merge-divide EPC valve (S) | J-9 |
| V30 | DT | 2 | Attachment flow regulator EPC valve (Attachment specification) | Q-2 |
| W03 | M | 2 | Window rear limit switch | AG-9 |



Connector arrangement diagram PC200, 200LC-8, PC220, 220LC-8

