

Honda Prelude BB2 ECU pinout OBD 1

Label Side



Side that mounts to firewall

• Indicates pins related to Vtec

A1-INJ1 INJECTOR1 Brown, Battery Voltage with KOEO
A2-INJ4 INJECTOR4 Yellow, Battery Voltage with KOEO
A3-INJ2 INJECTOR2 Red, Battery Voltage with KOEO
A4-VTEC VTEC control solenoid GRN/YEL, +5V
A5-INJ3 INJECTOR3 Blue, Battery Voltage with KOEO
A6-PCV2HTIC O2 sensor heating element Drg/Wht, Battery Voltage with KOEO
A7-FLHT fuel pump, GRN/BLU, Battery Voltage with KOEO
A8-empty AT and AS have the same circuit, so they can be the same
A9-ACU ACU valve Bld/Bld, About 10V KOEO or Warm engine
A10-empty
A11-EGR Control Solenoid Valve AT Blk, ECM has 12 Red, +5V
A12-CAN2 engine coolant temp switch Bld/Yel, +5V
A13-ABS ABS solenoid engine front Bld/Wht, +5V
A14-empty
A15-ACC Acc compressor clutch Red/Bld, +5V
A16-AL T.C. alternator Wht/Gn, +5V
A17-ABS ABS Solenoid Front, +5V
A18-Drg Red, Transmission Control Module (AT), +5V
A19-White, Intake control solenoid, Battery Voltage with KOEO
A20-PCS EVAP sensor control solenoid Red/Gn, +5V
A21-KM2 Yel/Gn, Position Control Module control signal, About 10V KOEO
A22-Sensor, same as A21
A23-PC2 ground Black, Power ground, less than 1V
A24-PC2 ground same as A23
A25-PC2 to main relay used to ground Yel/Bld, Battery positive from Main relay, Battery Voltage with KOEO
A26-LCT ground Bld/red, less than 1V

B1-RP2 to pin A25 Yel/Bld, Battery positive from Main relay, Battery Voltage with KOEO
B2-L2 ground to provide for CYP & TDC Brown Bld, -1V
B3-Chassis, earth/ground/switch computational input, +5V
B4-Chk, earth/ground/switch computational input, +5V
B5-ACC Acc switch Bld/Bld, Acc input, -5V with KOEO & A/C off, -1V KOEO with A/C & Idler on
B6-empty
B7-Lght green, Park/Neutral switch (AT), -1V in Park or Neutral with KOEO; 5V in Park or Neutral with KOEO; Battery voltage in all other positions
B8-PSM PSM switch Red/Green, Power steering oil pressure switch, 5V KOEO; Battery Voltage KOEO while slowly turning steering wheel
B9-STARTER SIGNAL starter signal Bld/Yel, Battery Voltage in the START position (clutch depressed or A/T module)
B10-SS vehicle speed sensor Orange, Pulses @ 12V while turning the left front wheel
B11-CYP P CYP (AT intake position) -C Orange, CYP sensor input, +5V
B12-CYP AT CYP -Bld/Bld, CYP sensor signal, +5V
B13-TDC P TDC (top dead center) -C Drg/Bld, TDC sensor input, +5V
B14-TDC AT TDC -Bld/Bld/Bld, TDC sensor signal, +5V
B15-CYP P CYP (bottom position) -C Bld/Green, CYP Sensor input, +5V
B16-CYP AT CYP -Bld/Bld/Bld, CYP Sensor signal, +5V

D1-WHT Black, Up Power Wht/Yel, Battery positive From Battery through Fuse Box, Battery Voltage at ALL times
D2-WHT Brake master Gnd/Wht, Battery voltage at all times
D3-RS RS Sensor Red/Bld, +5V
D4-SCS service check connector Brown Wht, -5V (AT); -11V (AT)
D5-empty
D6-VTEC VTEC pressure switch Light Blue, +5V
D7-TDRD plate Back connector Light Green/Red, +5V
D8-empty
D9-AL T.C. alternator Wht/Red, Alternator Charging Signal, -4.5V KOEO; Decreases under Electrical load (Headlights & rear defogger on) At warm iddle
D10-ELD electric load detector input Gnd/Bld, +5V
D11-TPS throttle position sensor Signal Red/Bld, -0.5V KOEO with throttle fully closed; -4.5V KOEO with throttle fully open
D12-WHT/BLU, EGR Valve Lift sensor, -1.2V KOEO
D13-ECT engine coolant temp sensor input Yel/Bld, -5V KOEO (varies with temperature)
D14-PCV2S O2 sensor White, heated O2 sensor Signal, 0.4-0.5V when position is turned on; drops to less than 0.1V within 2 minutes
D15-AT Intake Air Temperature sensor signal Red/Yel, 0.5-4.5V KOEO (varies with temperature)
D16-WHT Gnd (AT)
D17-WHT Map Signal Wht/Bld, -5V KOEO (varies with Temperature)
D18-Lght Green Bld, Transmission Control Module (AT) Drg/L, +5V
D19-Red WHT, Reference Voltage, -5V KOEO
D20-Yel WHT, Reference Voltage, -5V KOEO
D21-Bld WHT, Sensor ground, -1V
D22-Green WHT, Sensor ground, -1V

Obd1 Ecu Pinout Diagram

Chao Zhang

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the author's name.

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