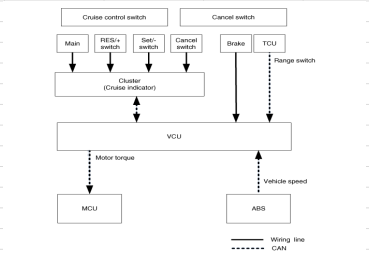
Kona PIDS




| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Bus | | ECU | | Request | Response | PIDs | | |
| | | | | B-CAN | Body Controller Area Network | BCM | Body Control Module | 7A0 | 7A8 | 22B00E, 22B00C, 22C002 (TPMS), 22C00B (TPMS) | | |
| | | | | | | WPC | Wireless Power Charger | | | | | |
| | | | | P-CAN | Powertrain Controller Area Network | SMK | Smart Key Unit | | | | | |
| | | | | | | BMS | Battery Management System | 7E4 | 7EC | 220101, 220102, 220103, 220104, 220105 | | |
| | | | | | | CCM | Charge Conrtol Module | | | | | |
| | | | | | | DATC | Dual Automatic Temp Control | | | | | |
| | | | | | | LDC | Low Voltage DC/DC Converter | | | | | |
| | | | | | | MCU | Motor Conrtol Unit | 7E3 | 7EB | 2101 (shift), 2012 (12v), 1A80 (vin) | | |
| | | | | | | ODS | Occupant Detection System | | | | | |
| | | | | | | SCU | Shift by wire Control Unit | | | | | |
| | | | | | | VESS | Virtual Engine Sound System | | | | | |
| | | | | | | CDM | | | | | | |
| | | | | | | AAF | Active Air Flap | | | | | |
| | | | | | | IBU | | | | | | |
| 64KWh version | | 39KWh version | | | | LVR | Shift Lever (PRND position) | | | | | |
| | | | | | | OBC | On-Board Battery Chargers | 7E5 | 7ED | 2101, 2103 | | |
| Module 1 - 20 cells | | Module 1 - 30 cells | | | | VCU/VMCU | Vehicle Control Unit | 7E2 | 7EA | 2101, 2102 | | |
| Module 2 - 19 cells | | Module 2 - 30 cells | | | | vBDM | | | | | | |
| Module 3 - 19 cells | | Module 3 - 30 cells | | | | EWP | Electric Water Pump | | | | | |
| Module 4 - 20 Cells | | | | C-CAN | Chassis Controller Area Network | BCW | Blind Spot Collision Warning | | | | | |
| Module 5 - 20 cells | | | | | | ACU | Airbag Control Unit | | | | | |
| 98 | Cells | 90 | Cells | | | IBAU | Intergrated Brake Actuation Unit | | | | | |
| 352 | volts | 324 | volts | | | MDPS | Motor Driven Power Steering | | | | | |
| 180 | Ah | 120 | Ah | | | SCC | Smart Cruise Control | | | | | |
| 63360 | Wh | 38880 | Wh | | | RVM | Rear View Monitoring | | | | | |
| | | | | | | EPB | Electronic Parking Brake | | | | | |
| | | | | | | FCA | Forward Collision Avoidance | | | | | |
| Useful links | | | | | | LDW_LKA | | | | | | |
| | | | | M-CAN | Multi media Controller Area Network | AMP | Amplifier | | | | | |
| https://www.ioniqforum.com/forum/234-hyundai-ioniq-electric-ev/28793-new-battery-layout-motor-components-hyundai-kia-electric-vehicles.html | | | | | | EDT | | | | | | |
| https://github.com/openvehicles/Open-Vehicle-Monitoring-System-3/tree/master/vehicle/OVMS.V3/components/vehicle_kianiroev/src | | | | | | CLU | Cluster Module | 7C6 | 7CE | 22B002 (odo) | | |
| https://github.com/JejuSoul/OBD-PIDs-for-HKMC-EVs/tree/master/Hyundai%20Kona%20EV%20%26%20Kia%20Niro%20EV | | | | | | HUD | Head Up Dispaly | | | | | |
| | | | | | | H_U | Head Unit | | | | | |
| | | | | | | | | | | | | |
| | | | | Others | | IGMP | | 770 | 778 | 22BC03 (door), 22BC04 (door), 22BC07 (defogger) | | |
| | | | | | | AirCon | | 7B3 | 7BB | 220100 (temps), 220102 (coolant) | | |
| | | | | | | ABS ESP | | 7D1 | 7D9 | 22C101 (lights) | | |
| | | | | | | SJB | Smart Junction Box | | | | | |
| | | | | | | speed | | 7D4 | 7DC | 220101 | | |