



AiM Infotech

GET HPUH ECU

Release 1.01

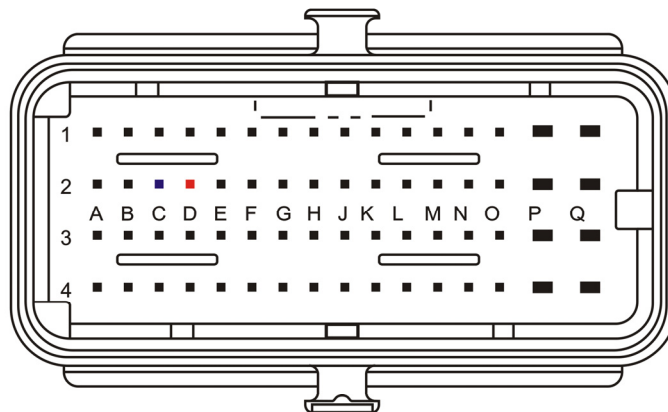


This tutorial explains how to connect Get HPUH to AIM devices.

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CAN communication setup

Get HPUH ECU communicates using the CAN Bus on the front 64 pins connector. Here below are the 64 pins connector and the connection table.



| 64 pins Connector pin | Pin function | AIM cable label |
|-----------------------|--------------|-----------------|
| C2 | CAN Low | CAN- |
| D2 | CAN High | CAN+ |

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AIM device configuration

Before connecting the ECU to AiM device set this up using AiM Race Studio software. The parameters to select in the device configuration are:

- ECU manufacturer "Get"
- ECU Model "HPUH";

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Available channels

Channels received by AIM devices connected to "Get" "HPUH" are:

| ID | CHANNEL NAME | FUNCTION |
|-----------|---------------------|---|
| ECU_1 | ECU_RPM | RPM |
| ECU_2 | ECU_SPEED1 | Speed 1 |
| ECU_3 | ECU_SPEED2 | Speed 2 |
| ECU_4 | ECU_TPS | Throttle position sensor |
| ECU_5 | ECU_TH20 | Engine cooling temperature |
| ECU_6 | ECU_TAIR | Intake air temperature |
| ECU_7 | ECU_TOIL | Oil temperature |
| ECU_8 | ECU_MAP | Manifold air pressure |
| ECU_9 | ECU_BARO | Barometric pressure |
| ECU_10 | ECU_LAMBDA1AVG | Lambda 1 Average value |
| ECU_11 | ECU_LAMBDA1RAW | Lambda 1 raw value |
| ECU_12 | ECU_LAMBDA2AVG | Lambda 2 Average value |
| ECU_13 | ECU_LAMBDA2RAW | Lambda 2 raw value |
| ECU_14 | ECU_KLAMBDA1 | Lambda 1 counter |
| ECU_15 | ECU_KLAMBDA2 | Lambda 2 counter |
| ECU_16 | ECU_VBB1 | Battery supply 1 |
| ECU_17 | ECU_VBB2 | Battery supply 2 |
| ECU_18 | ECU_VBB3 | Battery supply 3 |
| ECU_19 | ECU_INJ_LOW | Low ignition time |
| ECU_20 | ECU_SPARK1 | Spark angle 1 |
| ECU_21 | ECU_PHASE_LOW | Low cylinder phase |
| ECU_22 | ECU_PHASE_HIGH | High cylinder phase |
| ECU_23 | ECU_DTPS_PLUS | Throttle position sensor max value derivative |
| ECU_24 | ECU_DTPS_MINUS | Throttle position sensor min value derivative |
| ECU_25 | ECU_DECAYINJ | Differential injection revs |
| ECU_26 | ECU_DECAYIGN | Differential ignition revs |
| ECU_27 | ECU_REVCNT | Rev counter |