

AiM Infotech

GET HPUG ECU

Release 1.01

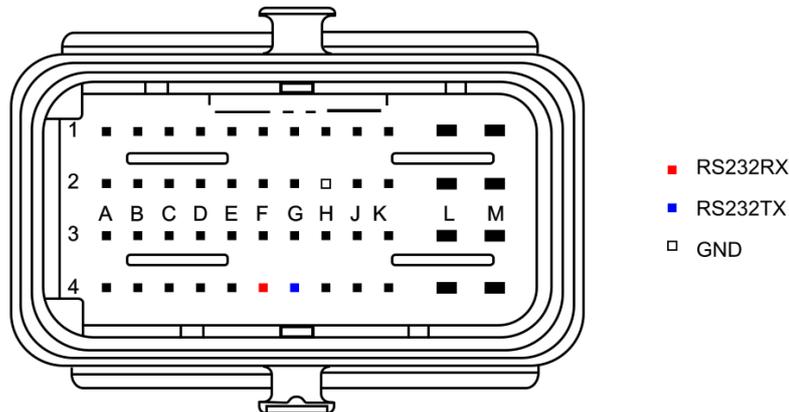


This tutorial explains how to connect Get HPUG ECU to AiM devices.

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Wiring connection

Get HPUG ECU communicates using the serial protocol on the 48 pins front male connector. Here below are 48 pins connector pinout and connection table. **Please note:** pins are numbered on the connector.



48 pins Connector pin	Pin function	AiM cable label
F4	RS232RX	RS232TX
G4	RS232TX	RS232RX
H2	GND	GND

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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 "HPUG";

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Available channels

Channels received by AiM devices connected to "Get" "HPUG" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_SPEED	Speed
ECU_3	ECU_TPS	Throttle position sensor
ECU_4	ECU_DTPTS_POS	Throttle position sensor positive derivative
ECU_5	ECU_DTPTS_NEG	Throttle position sensor negative derivative
ECU_6	ECU_MAP	Manifold air pressure
ECU_7	ECU_BAP	Barometric air pressure
ECU_8	ECU_AIRT	Intake air temperature
ECU_9	ECU_ENGT	Engine temperature
ECU_10	ECU_LBDA1	Lambda value 1
ECU_11	ECU_LBDA2	Lambda value 2
ECU_12	ECU_LBDA_T	Lambda temperature
ECU_13	ECU_KLBDA1	Lambda correction 1
ECU_14	ECU_KLBDA2	Lambda correction 2
ECU_15	ECU_INJT1	Injection time 1
ECU_16	ECU_INJT2	Injection time 2
ECU_17	ECU_SPARK1	Engine spark 1
ECU_18	ECU_SPARK2	Engine spark 2
ECU_19	ECU_PHASE1	Engine phase 1
ECU_20	ECU_PHASE2	Engine phase 2
ECU_21	ECU_IDLE_VALVE	Idle valve
ECU_22	ECU_ACTIVBLOCK	Active block
ECU_23	ECU_NEUTRAL	Neutral signal
ECU_24	ECU_BATT_V	Battery supply
ECU_25	ECU_ERCOUNTER	Error counter