AiM InfoTech

HONDA S2000

Release 1.00

ECU

AiM

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Models and years

This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.
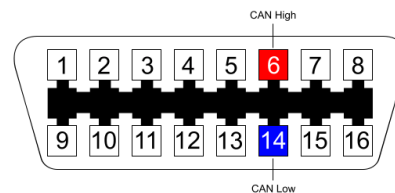Supported models and years are:

- HONDA – S2000   2006 - 2009

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Wiring connection

These models feature a standard diagnostic protocol based on CAN, accessible through the OBDII plug placed under the steering wheel column. For this installation refer to the following pinout of the OBDII plug and its connection table.

OBDII Pin	Pin function	AiM cable	AiM color cable
6	CAN High	CAN+	White
14	CAN Low	CAN-	Blue

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Race Studio configuration

Before connecting the AiM device to the OBD II plug, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **HONDA**
- ECU Model: **BT S2000 06+**

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HONDA – BT S2000 06+" Protocol

Channels received by AiM devices configured with "HONDA – BT S2000 06+" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
WheelSpeed3 RL	Rear left wheel speed
WheelSpeed2 FR	Front right wheel speed
WheelSpeed1 FL	Front left wheel speed
WheelSpeed4 RR	Rear right wheel speed
Steering Speed	Steering angle speed
ECT	Engine coolant temperature
IAT	Intake air temperature
OBDII MAP	OBDII Manifold air pressure
Steering Angle	Steering position angle
OBDII FUEL LEVEL	OBDII Fuel level
OBDII TPS	OBDII throttle position sensor
Throttle Position	Throttle position
Brake Pressure2	Brake pressure 2
OBDII AFR	Air fuel ratio
SCS	Error

Brake SW	Brake switch
ABS	ABS
ABS1	ABS 1
ABS2	ABS 2
ABS3	ABS 3
ABS4	ABS 4
ABS5	ABS 5
Status lights	Status lights
	1 (Low)=VSA active
	2=VSA light

Technical note: not all data channels outlined in the ECU template are validated for each manufacture's model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.