

AiM Infotech

Honda Civic US  
2006-2011

Release 1.01

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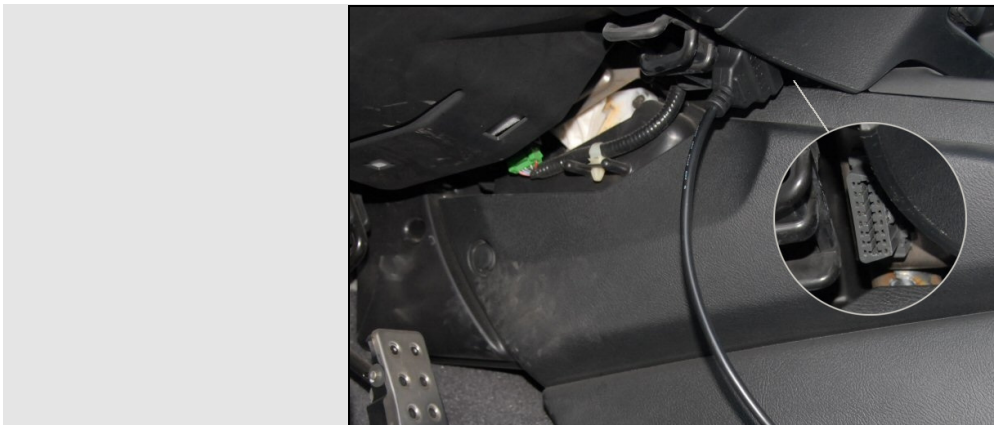
This tutorial explains how to connect Honda Civic US to AiM devices. Supported models are:

- Honda Civic US 2006-2011

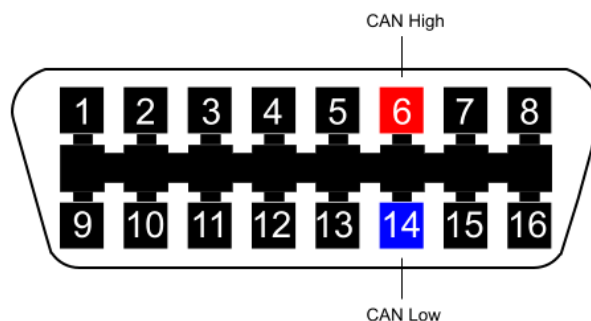
# 1

## OBDII connection

Honda Civic US features a bus communication protocol based on CAN on the OBDII plug located under the dashboard right on the driver seat.



Connector pinout as well as connection table are shown here below.



OBDII connector pin	Pin function	AiM cable
6	CAN High	CAN+
14	CAN Low	CAN-

## 2

# AiM Logger configuration

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Before connecting the ECU to AiM device logger set it up as follows.  
Run Race Studio 2 software and select:

- "Device Configuration" -> select the device you are using
- select the configuration or press "New" to create a new one
- select ECU manufacturer "Honda" and ECU Model "Civic\_US"
- transmit the configuration to the device pressing "Transmit".

## 3

# Available channels

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Channels received by AiM loggers connected to "Honda" "Civic\_US" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	HO_RPM	RPM
ECU_2	HO_VEH_SPEED	Vehicle speed
ECU_3	HO_TPS	Throttle position
ECU_4	HO_PPS	Pedal position
ECU_5	HO_ECT	Engine Coolant temperature
ECU_6	HO_IAT	Intake air temperature
ECU_7	HO_BRAKE_SW	Brake switch
ECU_8	HO_BRAKE_PRESS	Brake pressure
ECU_9	HO_WH_SPD_FL	Front Left Wheel Speed
ECU_10	HO_WH_SPD_FR	Front Right Wheel Speed
ECU_11	HO_WH_SPD_RL	Rear Left Wheel Speed
ECU_12	HO_WH_SPD_RR	Rear Right Wheel Speed
ECU_13	HO_MAP	Manifold air pressure

**Please note:** channels listed above are those polled by AiM devices. They may or may not come across in the data stream depending on models. RPM, TPS,ECT and speed are generally available.