

AiM Infotech

Honda Civic  
2006-2011

Release 1.00

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

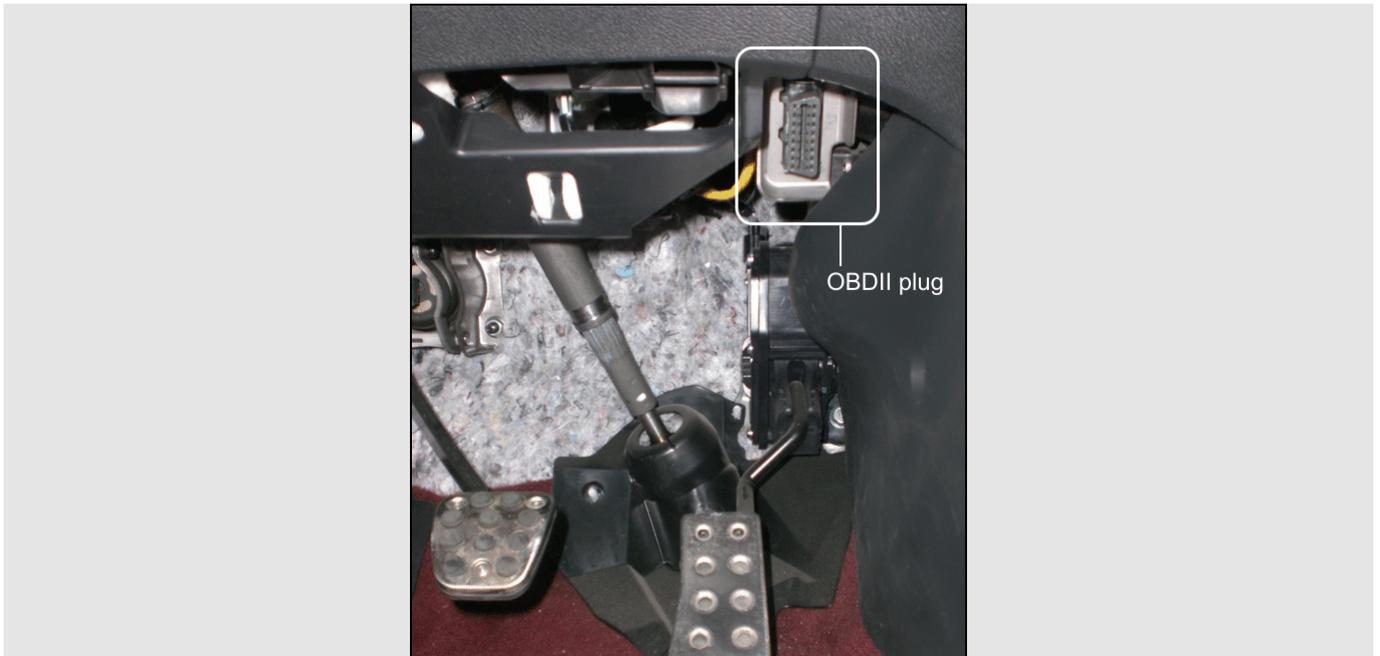
- Honda Civic 2006-2011

# 1

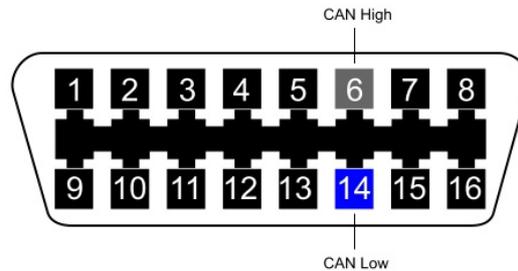
## Wiring connections

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Honda Civic 2006-2011 features a bus communication protocol based on CAN on the OBDII plug right of the steering column under the dashboard as shown here below.



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 device configuration

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

- ECU manufacturer "Honda"
- ECU Model "CivicSi\_2006\_2011";

### 3

## Available channels

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Channels received by AiM loggers connected to "Honda" "CivicSi\_2006-2011" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_PPS	Pedal position sensor
ECU_3	ECU_ENG_T	Engine temperature
ECU_4	ECU_AIR_T	Intake air temperature
ECU_5	ECU_WHE_FL	Front left wheel speed
ECU_6	ECU_WHE_FR	Front right wheel speed
ECU_7	ECU_WHE_RL	Rear left wheel speed
ECU_8	ECU_WHE_RR	Rear right wheel speed
ECU_9	ECU_THROTTL	Throttle position
ECU_10	ECU_FUEL_LEV	Fuel level
ECU_11	ECU_BRK_S_OPEN	Brake switch open
ECU_12	ECU_BRK_S_CLOSE	Brake switch closed
ECU_13	ECU_GEAR	Engaged gear
ECU_14	ECU_BRAKE_P	Brake pressure
ECU_15	ECU_STEER_ANG	Steering angle
ECU_16	ECU_OIL_T	Oil temperature
ECU_17	ECU_OIL_ALARM	Oil alarm
ECU_18	ECU_THR_PEDAL	Throttle pedal

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