

AiM Infotech

Honda Civic 2012-2015

Release 1.01



ECU



1 Models and years

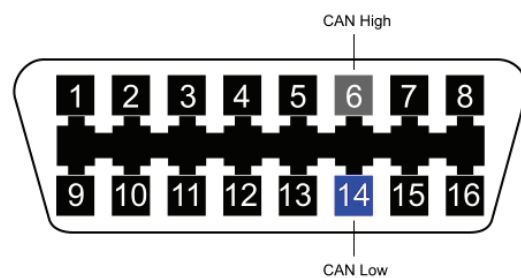
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.

Supported models and years are:

- Honda Civic 2012-2015

2 OBDII Connection

These models feature a standard diagnostic protocol based on CAN accessible through the OBDII plug placed under the steering wheel column on the left (following picture). For this installation refer to the following pinout of the OBDII plug (vehicle side – front view) and connection table.



OBDII connector pin

Pin function

AiM cable

6

CAN High

CAN+

14

CAN Low

CAN-

3

Race Studio configuration

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

- ECU manufacturer: **Honda**
- ECU Model: **CivicSi_2012**

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“Honda – CIVICSi_2012” protocol

Channels received by AiM devices configured with "Honda – CivicSi_2012" protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
Gear	Active gear
SpeedRR	Rear right wheel speed
SpeedRL	Rear left wheel speed
SpeedFR	Front right wheel speed
SpeedFL	Front left wheel speed
OilTemp	Oil temperature
WaterTemp	Water temperature
IntakeAirTemp	Intake Air temp
Throttle	Throttle position sensor
PPS	Pedal position sensor
ThrPedal	Throttle pedal position
BrkSOpen	Open brake switch
BrkSClose	Closed brake switch
FuelLev	Fuel level
BrakeP	Brake pressure



SteerAng

Steering wheel angle

OilAlarm

Oil alarm switch

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.