



AiM Infotech

Honda Civic 2006-2011

Release 1.00



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

- Honda Civic 2006-2011

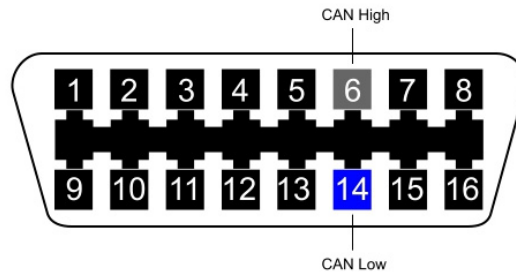
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Wiring connections

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- |

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AiM device configuration

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";

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Available channels

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.