

AiM Infotech

Honda Civic Type R FD2  
2006-2011

Release 1.03

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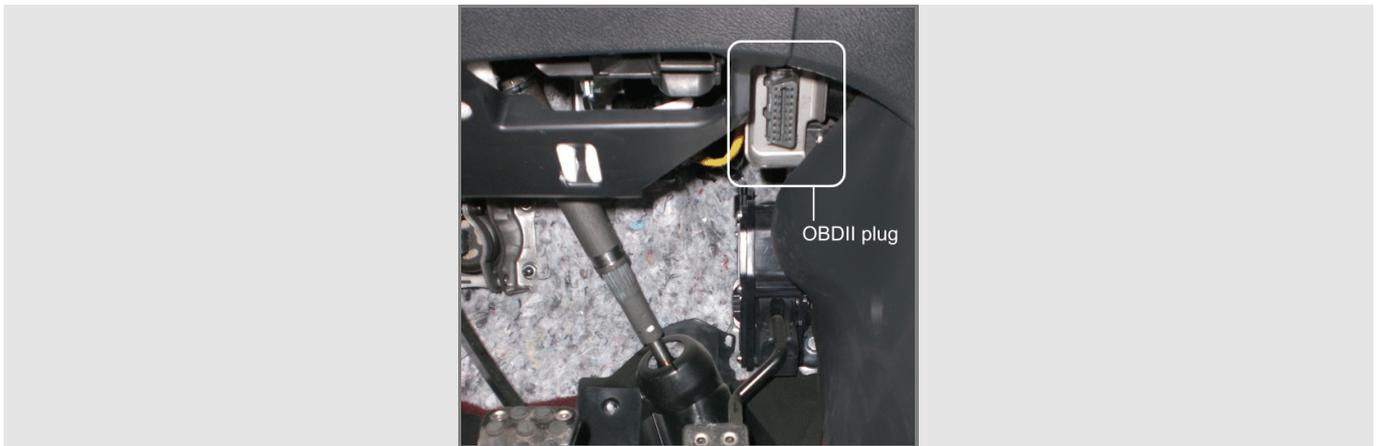
This tutorial explains how to connect Honda Civic Type R FD2 to AiM devices. Supported years are:

- Honda Civic Type R FD2 2006-2011

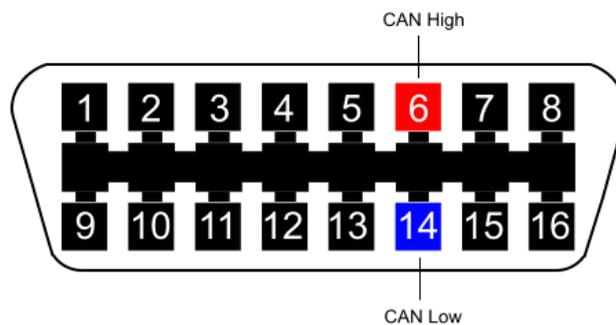
# 1

## Wiring connections

Honda Civic Type R FD2 features a bus communication protocol based on CAN on the OBDII plug right of the steering column under the dashboard.



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

- ECU manufacturer "Honda"
- ECU Model "CIVIC\_TYPE\_R\_FD2";

## 3

# Available channels

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Channels received by AiM loggers connected to "Honda" "CIVIC\_TYPE\_R\_FD2" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	HO_RPM	RPM
ECU_2	HO_VEH_SPEED	Vehicle speed
ECU_3	HO_TPS	Throttle position sensor
ECU_4	HO_PPS	Pedal position sensor
ECU_5	HO_ECT	Engine coolant temperature
ECU_6	HO_IAT	Intake air temperature
ECU_7	HO_BRAKE_SW	Brake switch
ECU_8	HO_ENG_IGN_RET	Engine ignition retard
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

**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.