AiM InfoTech

HONDA
Civic Type R - FK2

Release 1.00

ECU

1
Models and years

This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.
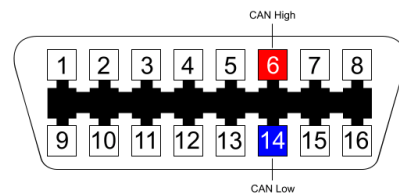Supported models and years are:

- Civic Type R   FK2   2015 - 2017

2
Wiring connection

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

OBDII Pin	Pin function	AiM cable	AiM color cable
6	CAN High	CAN+	White
14	CAN Low	CAN-	Blue

3
Race Studio configuration

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

- ECU manufacturer: **HONDA**
- ECU Model: **CIVIC TYPE R FK2**

4
"HONDA – CIVIC TYPE R FK2" protocol

Channels received by AiM devices configured with "HONDA – CIVIC TYPE R FK2" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
Gear	Gear position
Speed1	Vehicle speed 1
Speed2	Vehicle speed 2
WaterTemp	Water temperature
IntakeAirTemp	Intake air temperature
TPS	Throttle position sensor
PedalPos	Pedal position sensor
EngTorque	Engine torque
EngDrvTorque	Engine drive torque
SWAngle	Steering wheel angle
SWSpeed	Steering wheel speed
Brake SwOpen	Brake switch open
FuelLevel	Fuel level
BrakePress	Brake pressure
AccX	Inline acceleration

AccY	Lateral acceleration
OilTemp	Oil temperature
OilPress	Oil pressure
Boost	Boost pressure
OilPressWr	Oil pressure warning light

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