AiM Infotech

Honda Civic Type R FN2
2006-2011

Release 1.03

This tutorial explains how to connect Honda Civic Type R FN2 to AiM devices. Supported models are:

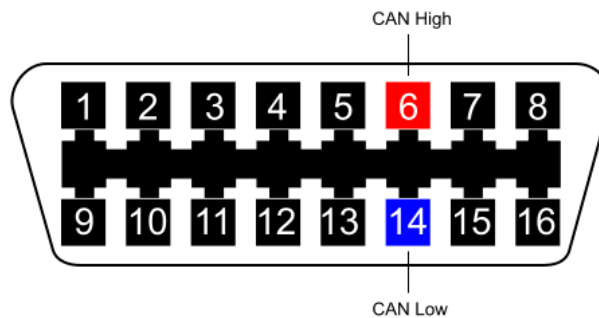- Honda Civic Type R FN2   2006-2011

1
Wiring connections

Honda Civic Type R FN2 features a bus communication protocol based on CAN on the OBDII plug right of the steering column under the dashboard as shown here below.

OBDII plug

Connector pinout as well as connection table are shown here below.

CAN High

1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16

CAN Low

OBDII connector pin	Pin function	AiM cable
6	CAN High	CAN+
14	CAN Low	CAN-

2
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" and ECU Model "CIVIC_TYPE_R_FN2";
- transmit the configuration to the device pressing "Transmit".

3
Available channels

Channels received by AiM loggers connected to "Honda" "CIVIC TYPE R FN2" 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_BRAKE_PRESS	Brake pressure
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
ECU_13	HO_POS_LIGHT	Position light
ECU_14	HO_HI_BEAM	High beam
ECU_15	HO_LO_BEAM	Low beam
ECU_16	HO_FOG_F_LIGHT	Fog front light
ECU_17	HO_TURN_LEFT	Left turn indicator light
ECU_18	HO_TURN_RIGHT	Right turn indicator light
ECU_19	OBDII_MAF	Manifold air flow via OBDII
ECU_20	OBDII_MAP	Manifold air pressure from OBDII
ECU_21	OBDII_BARO	Barometric pressure from OBDII

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.