AiM Infotech

Honda Civic US
2006-2011

Release 1.03

AiM

This tutorial explains how to connect Honda Civic US to AiM devices. Supported models are:
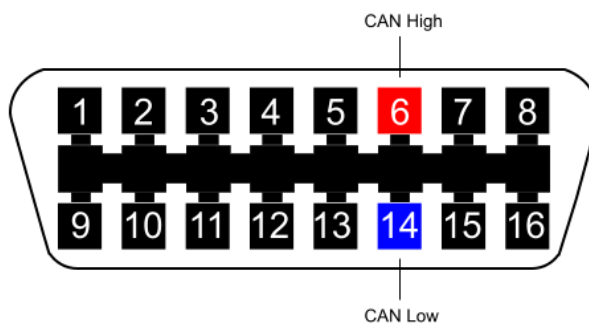
- Honda Civic US   2006-2011

1
OBDII connection

Honda Civic US features a bus communication protocol based on CAN on the OBDII plug located under the dashboard right on the driver seat.

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

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

- ECU manufacturer "Honda"
- ECU Model "Civic_US"

3
Available channels

Channels received by AiM loggers connected to "Honda" "Civic_US" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	HO_RPM	RPM
ECU_2	HO_VEH_SPEED	Vehicle speed
ECU_3	HO_TPS	Throttle position
ECU_4	HO_PPS	Pedal position
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_MAP	Manifold air pressure

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.