

AiM Infotech

Toyota Auris
2007-2012

Release 1.04



This tutorial explains how to connect Toyota Auris to AiM devices. Supported years are:

- Toyota Auris 2007-2012

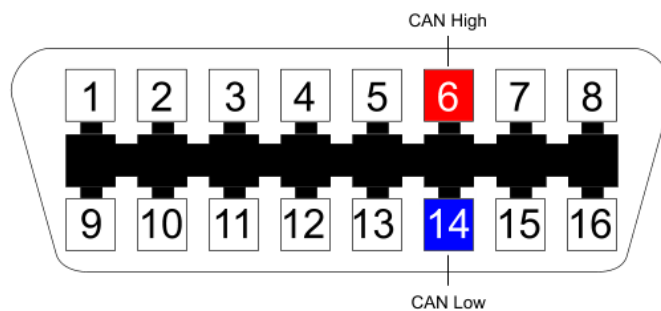
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CAN connection

Toyota Auris ECU features a bus communication protocol based on CAN on the OBDII plug located left of the steering wheel on the driver seat as shown here below.



OBDII connector pinout and connection table are shown 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 device set this up using AiM Race Studio software. The parameters to select in the device configuration are:

- ECU manufacturer "Toyota"
- ECU Model "AURIS"

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Available channels

Channels received by AiM devices connected to "Toyota" "Auris" protocol are.

ID	CHANNEL NAME	FUNCTION
ECU_1	WHEEL_SPEED_FR	Front right wheel speed
ECU_2	WHEEL_SPEED_FL	Front left wheel speed
ECU_3	WHEEL_SPEED_RR	Rear right wheel speed
ECU_4	WHEEL_SPEED_RL	Rear left wheel speed
ECU_5	BRAKE_PRESS	Brake pressure
ECU_6	PPS	Pedal position
ECU_7	RPM	RPM
ECU_8	PARK_BRAKE	Hand brake

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.