

AiM Infotech

Toyota Auris
2007-2012

Release 1.02



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

- Toyota Auris 2007-2012

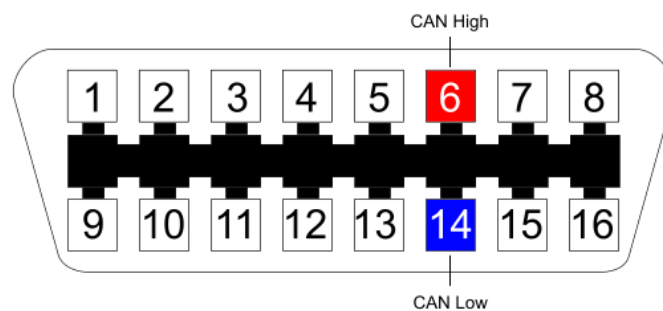
1

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

6

14

Pin function

CAN High

CAN Low

AiM cable

CAN+

CAN-

2

AiM Logger configuration

Before connecting the ECU to AiM logger set it up as follows:

Run Race Studio 2 software and select:

- Device Configuration → Select the device you are using;
- select the configuration or press "New" to create a new one;
- select ECU manufacturer "Toyota" and ECU Model "AURIS"
- transmit the configuration to the device pressing "Transmit".

3

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

Please note: channels listed above are those polled by AiM devices. They may or may not come across in the data stream depending on models.