

ECU for NISSAN 370Z

From 2009



Racing Data Power

INTRODUCTION

AIM has developed special applications for many of the most popular ECU: by special applications we mean user friendly systems which allow to easily connect your ECU to our high tech data loggers: user needs only to install harness between the **logger** and the ECU.

Once connected, the logger displays (and/or records, depending on the logger and on the ECU data stream and configuration) values like RPM, engine load, throttle position (TPS), air and water temperatures, battery voltage, speed, gear, lambda value (air/fuel ratio) analog channels...

All AIM loggers include – free of charge – Race Studio 2 software, a powerful tool to configure the system and analyze recorded data on your PC.

Warning: once the ECU is connected to the logger set it in the logger configuration in Race Studio 2 software selecting Manufacturer “Nissan” and Model “370Z”

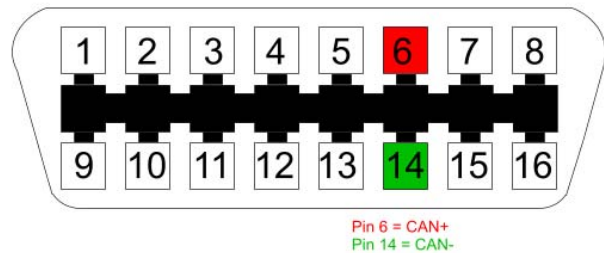
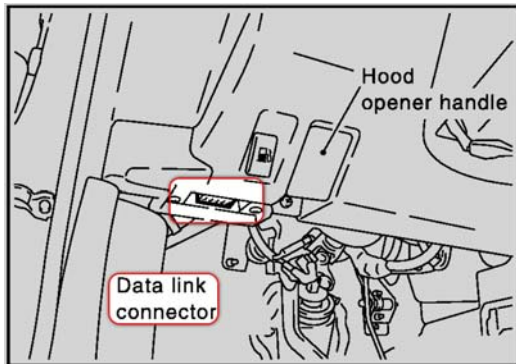
Warning: for any further information concerning ECU firmware/software settings and/or upgrading address to the ECU dealer.

Chapter 1 – Car models

AIM loggers support Nissan 370Z from 2009 onwards.

Chapter 2 – OBDII connection to AIM loggers

Nissan 370Z OBDII Diagnosis connector is left under the steering wheel below the hood opener handle:



To connect AIM logger with the OBDII connector (see above):

- connect **AIM cable labelled CAN+** to **pin 6 of OBDII connector**;
- connect **AIM cable labelled CAN-** to **pin 14 of OBDII connector**.

Chapter 3 – Supported Channels

Channels received by AIM loggers connected to Nissan 370Z ECU are:

CHANNEL NAME	FUNCTION
Z_RPM	Engine speed sensor
Z_VEH_SPEED	Vehicle speed
Z_SPEED_FR	Front right speed
Z_SPEED_FL	Front left speed
Z_SPEED_RL	Rear left speed sensor
Z_SPEED_RR	Rear right speed
Z_BRAKE_POS	Brake position
Z_BRAKE_SW1	Brake switch 1
Z_BRAKE_SW2	Brake switch 2
Z_ECT	Engine cooling temperature
Z_LOW_OILP	Low oil pressure
Z_PPS	Pedal position
Z_TC_OFF	Traction control OFF
Z_DIFF_CTRL	Differential control
Z_ACC_LAT	Lateral accelerometer