

AiM Infotech

Nissan 370Z

Release 1.01



This tutorial explains how to connect Nissan 370Z to AiM devices. Supported models are:

- Nissan 370Z from 2009 onwards

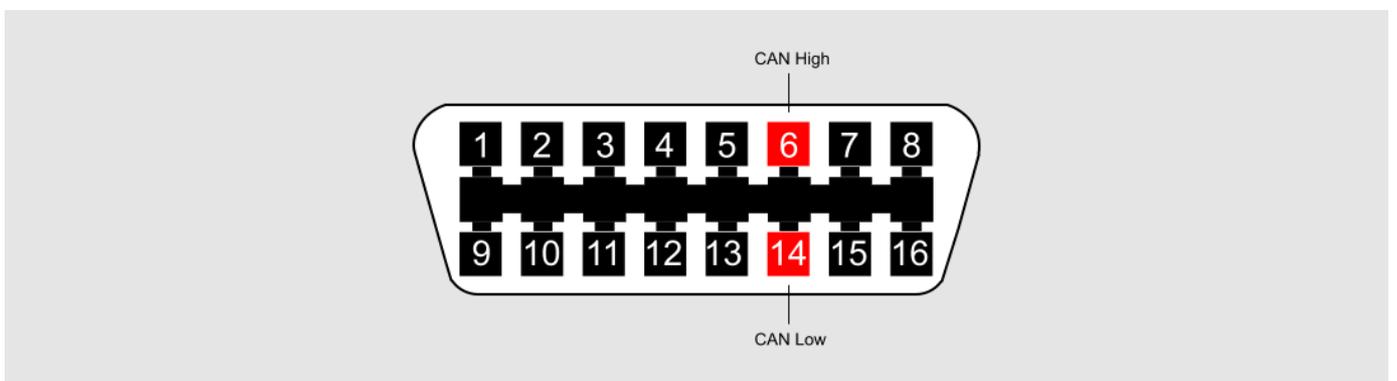
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Wiring connection

Nissan 370Z is equipped with an OBDII connector. The OBDII plug is on the left side of the car cockpit as shown here below.



Connector pinout as well as connection table are shown here.



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

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AiM Logger configuration

Once the ECU connected to the logger, this one is to be configured as connected to that ECU. Run Race Studio 2 software and follow this path:

- Device Configuration → Select the device you are using;
- select the configuration or press "New" to create a new one;
- select ECU manufacturer "Nissan" and ECU Model "370Z";
- transmit the configuration to the device pressing "Transmit".

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Available channels

Channels received by AiM loggers connected to Nissan 370Z protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	Z_RPM	Engine speed sensor
ECU_2	Z_VEH_SPEED	Vehicle speed
ECU_3	Z_SPEED_FR	Front right wheel speed
ECU_4	Z_SPEED_FL	Front left wheel speed
ECU_5	Z_SPEED_RL	Rear left wheel speed
ECU_6	Z_SPEED_RR	Rear right wheel speed
ECU_7	Z_BRAKE_POS	Brake position
ECU_8	Z_BRAKE_SW1	Brake switch 1
ECU_9	Z_BRAKE_SW2	Brake switch 2
ECU_10	Z_ECT	Engine cooling temperature
ECU_11	Z_LOW_OILP	Low oil pressure
ECU_12	Z_PPS	Pedal position
ECU_13	Z_TC_OFF	Traction control OFF
ECU_14	Z_DIFF_CTRL	Differential control
ECU_15	Z_ACC_LAT	Lateral accelerometer
ECU_16	Z_ACC_LONG	Longitudinal acceleration
ECU_17	Z_STEER_ANG	Steering angle
ECU_18	Z_STEER_SPD	Steering wheel speed