

AiM Infotech

Nissan Versa

Release 1.00



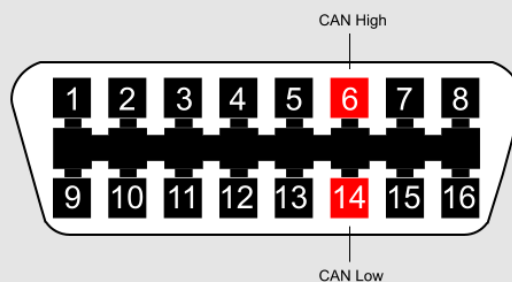
This tutorial explains how to connect Nissan Versa to AiM devices. Supported models are:

- Nissan Versa from 2012 onwards.

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Wiring connection

Nissan Versa is equipped with an OBDII connector. The OBDII plug should be on the steering column. Other possible positions are: in the central column, on the pedal area or on the left of the steering wheel. Please note: according to the international rules the OBDII plug is to be in a 60 cm distance area from the steering column. 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-

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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 "VERSA_B-Spec";
- transmit the configuration to the device pressing "Transmit".



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Available channels

Channels received by AiM loggers connected to Nissan VERSA_B-Spec protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	V_RPM	RPM
ECU_2	V_VEH_SPEED	Vehicle speed
ECU_3	V_SPEED_FR	Front right wheel speed
ECU_4	V_SPEED_FL	Front left wheel speed
ECU_5	V_SPEED_RR	Rear right wheel speed
ECU_6	V_SPEED_RL	Rear left wheel speed
ECU_7	V_PPS	Pedal position sensor
ECU_8	V_BRAKE_SW1	Brake switch 1
ECU_9	V_BRAKE_SW2	Brake switch 2
ECU_10	V_ECT	Engine cooling temperature
ECU_11	V_LOW_OILP	Low oil pressure
ECU_12	V_STEER_ANG	Steering angle
ECU_13	V_STEER_SPD	Steering speed
ECU_14	V_ACC_LONG	Longitudinal accelerometer
ECU_15	V_ACC_LAT	Lateral accelerometer