AiM Infotech

Opel Corsa

Release 1.01

This tutorial explains how to connect Opel cars to AiM devices.

1
Supported model and years

Supported models are:

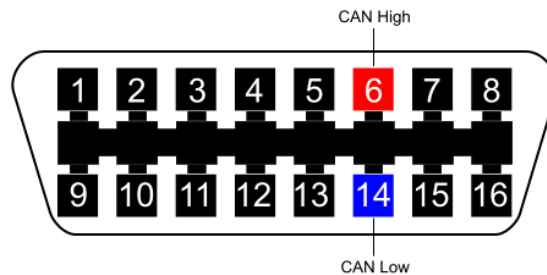* Opel Corsa   from 2006 onwards.

2
Wiring connection

Opel Corsa features a bus communication based on CAN on the OBDII plug located under the central column as shown here below.

OBDII Plug is here

Connector pinout as well as connection table are shown below.

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

3
AiM Logger configuration

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

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 "Opel" and ECU Model "CAN";
- transmit the configuration to the device pressing "Transmit".

4
Available channels

Channels received by AiM loggers connected to "Opel" "CAN" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	OP_RPM	RPM
ECU_2	OP_VEH_SPEED	Vehicle speed
ECU_3	OP_TPS	Throttle position sensor
ECU_4	OP_PPS	Pedal position sensor
ECU_5	OP_STEER_ANGLE	Steering angle
ECU_6	OP_STEER_SPEED	Steering speed
ECU_7	OP_ECT	Engine coolant temperature
ECU_8	OP_IAT	Intake air temperature
ECU_9	OP_BRAKE_SW	Brake switch
ECU_10	OP_OILP_SW	Oil pressure switch
ECU_11	OP_MAP_OBD2	Manifold air pressure via OBDII
ECU_12	OP_CLUTCH_SW	Clutch switch
ECU_13	OP_HANDBRAKE	Hand brake
ECU_14	OP_TURN_RIGHT	Right turn indicator light
ECU_15	OP_TURN_LEFT	Left turn indicator light
ECU_16	OP_LO_BEAM	Low beam

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. RPM, TPS,ECT and speed are generally available.