

AiM Infotech

Maserati 4200
ECU

Release 1.01



ECU



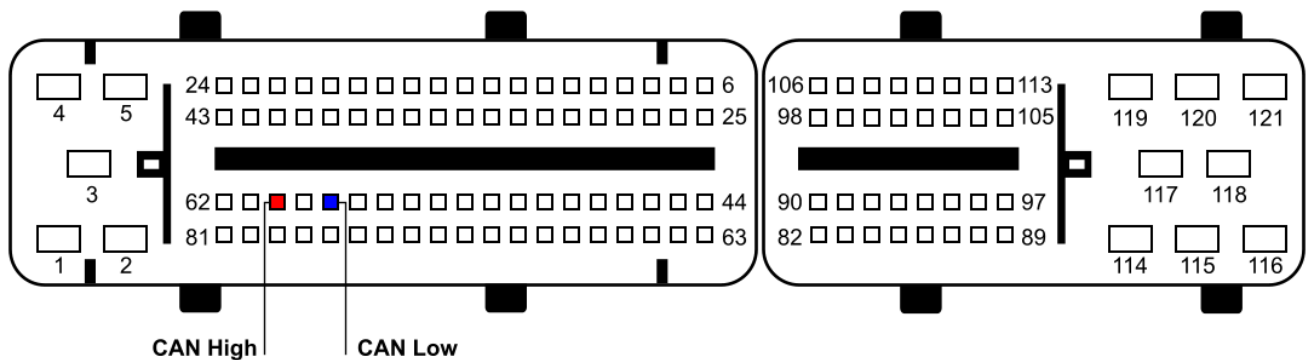
This tutorial explains how to connect Maserati cars to AiM devices. Supported models and years are:

- Maserati Quattroporte 2004-2007
- Maserati Coupé 4200 GranSport 2005-2007

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CAN connection

These cars feature a bus communication protocol based on CAN on the vehicle ECU, a Bosch ME 7.1.1. This last can be reached going directly to the ECU front connector. Here below is the ECU connector pinout and the connection table.



ECU connector pin

60

58

Pin function

CAN High

CAN Low

AiM cable

CAN+

CAN-

2

AiM Logger configuration

Before connecting the ECU to the 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 "Maserati" and ECU Model "4200"
- transmit the configuration to the device pressing "Transmit".

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Available channels

Channels received by AiM devices connected to "Maserati" "4200" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	M_RPM	RPM
ECU_2	M_PPS	Pedal position sensor
ECU_3	M_TPS	Throttle position sensor
ECU_4	M_ECT	Engine coolant temperature
ECU_5	M_MAF	Manifold air flow

Technical note: not all data channels outlined in the ECU template are validated for each manufacturer model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.