

AiM Infotech

Maserati Quattroporte,  
Maserati GranTurismo,  
Alfa Romeo 8C  
Competizione  
ECU

Release 1.02

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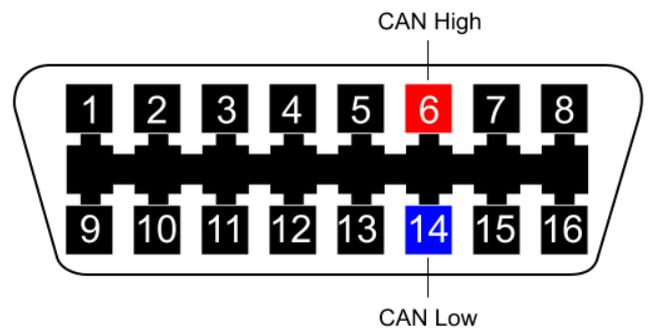
This tutorial explains how to connect Maserati and Alfa Romeo cars to AiM devices. Supported models and years are:

- Maserati Quattroporte 2008-2012
- Maserati GranTurismo from 2007
- Alfa Romeo 8C Competizione 2007-2010

# 1

## CAN connection

These cars feature a bus communication protocol based on CAN on the OBDII plug. This last is located left of the steering wheel on Maserati cars (image here below on the left shows a Maserati GT) and can be found in the same place or under the steering column on Alfa Romeo 8C Competizione. **Please note:** according to the international rules, the OBDII plug is to be in a 60 cm distance area from the steering column. Right image shows OBDII connector pinout; below is connection table.



**OBDII connector pin**

6  
14

**Pin function**

CAN High  
CAN Low

**AiM cable**

CAN+  
CAN-

## 2

# AiM Logger configuration

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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 "QuattroPorte\_GT (From2007)"
- transmit the configuration to the device pressing "Transmit".

### 3

## Available channels

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Channels received by AiM devices connected to "Maserati" "QuattroPorte\_GT (from 2007)" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	QP_RPM	RPM
ECU_2	QP_PPS	Gas pedal position sensor
ECU_3	QP_TPS	Throttle position sensor
ECU_4	QP_ECT	Engine cooling temperature
ECU_5	QP_CAT_T_LAMP	Catalyst temperature lamp 0=Normal 1=High 2=Very High
ECU_6	QP_BRAKE_SW	Brake switch
ECU_7	QP_STEER_ANGLE	Steering angle
ECU_8	QP_BRAKE_PRESS	Brake pressure
ECU_9	QP_GEAR	Engaged gear
ECU_10	QP_WH_SPD_RR	Rear right wheel speed
ECU_11	QP_WH_SPD_RL	Rear left wheel speed
ECU_12	QP_WH_SPD_FR	Front right wheel speed
ECU_13	QP_WH_SPD_FL	Front left wheel speed

**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.