ECU for

Maserati 4200 GS

Racing Data Power

INTRODUCTION

AIM has developed special applications for many of the most common ECUs: by special applications we mean user-friendly systems which allow to easily connect your ECU to our high tech data loggers: user needs only to install harness between the **logger** and the ECU.

Once connected, the logger displays (and/or records, depending on the logger and on the ECU data stream) values like RPM, engine load, throttle position (TPS), air and water temperatures, battery voltage, speed, gear, lambda value (air/fuel ratio) analog channels…

All AIM loggers include – free of charge – **Race Studio 2** software, a powerful tool to configure the system and analyze recorded data on your PC.

Warning: once the ECU is connected to the logger, it is necessary to set it in the logger configuration in Race Studio 2 software.
Select Manufacturer "MASERATI" and Model "4200".
Refer to Race Studio Configuration user manual for further information concerning the loggers configuration.

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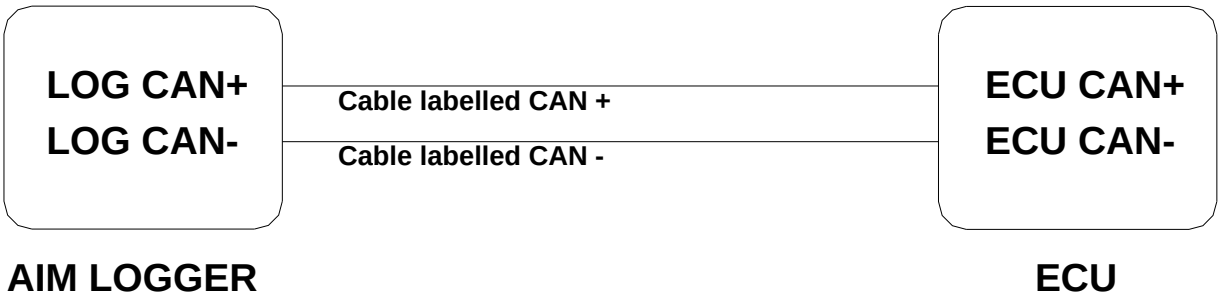
Chapter 2 – CAN communication Setup

Bosch ME 7.1.1 ECU is equipped with a CAN communication protocol used to communicate parameters to AIM data-loggers.
The images here below show the standard CAN communication setup.



Chapter 3 – Connection with AIM loggers

To connect Bosch ME 7.1.1 ECU to AIM loggers:

- connect pin 60 of ECU connector to AIM cable labelled CAN+
- connect pin 58 of ECU connector to AIM cable labelled CAN-.

Chapter 4 – Maserati 4200 communication protocol

Channels received by AIM loggers connected to Bosch ME 7.1.1 ECU 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 cooling temperature
ECU_5	M_MAF	Manifold air flow