

AiM Infotech

Marelli  
Mitjet 2L Turbo

Release 1.00

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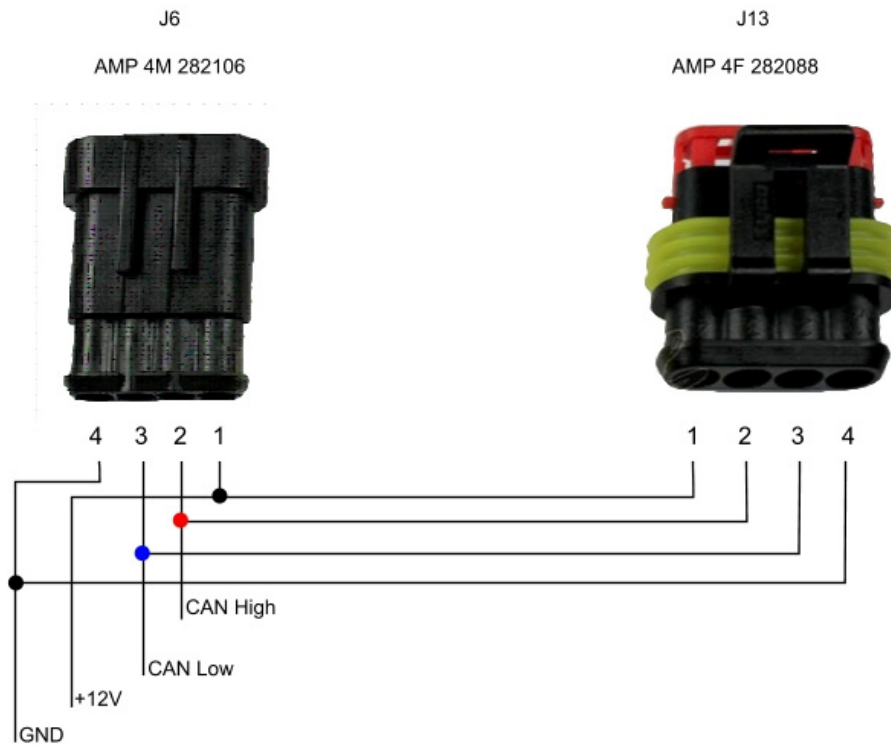


This tutorial explains how to connect Mitjet 2L Turbo vehicles to AiM devices.

# 1

## Connection to AiM devices

Mitjet 2L Turbo ECU features a bus communication protocol based on CAN on the AMP Superseal 4 pins connector located below the steering wheel. It is a male connector labelled J6 in the Mitjet 2L Turbo wiring diagram. Here below you see the wiring diagram and the connection table.



J6 – AMP Superseal male connector pin	Pin function	AiM cable
2	CAN High	CAN+
3	CAN Low	CAN-

## 2

# AiM Logger configuration

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Before connecting the device to the ECU 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 “Marelli” and ECU Model “Mitjet\_2l\_Turbo”
- transmit the configuration to the device pressing “Transmit”.

## 3

# Available channels

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Channels received by AiM devices connected to “Marelli” “Mitjet\_2l\_Turbo” protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_THROTTLE	Throttle position sensor
ECU_3	ECU_AIR_PRES	Air pressure
ECU_4	ECU_PEDAL_POS	Pedal position
ECU_5	ECU_AIR_T	Intake air temperature
ECU_6	ECU_OIL_T	Oil temperature
ECU_7	ECU_ENG_T	Engine temperature
ECU_8	ECU_LAMBDA	Lambda value
ECU_9	ECU_BARO	Barometric pressure
ECU_10	ECU_GEAR	Engaged gear
ECU_11	ECU_FUEL_P	Fuel pressure
ECU_12	ECU_OIL_P	Oil pressure
ECU_13	ECU_BARREL	Gear barrel