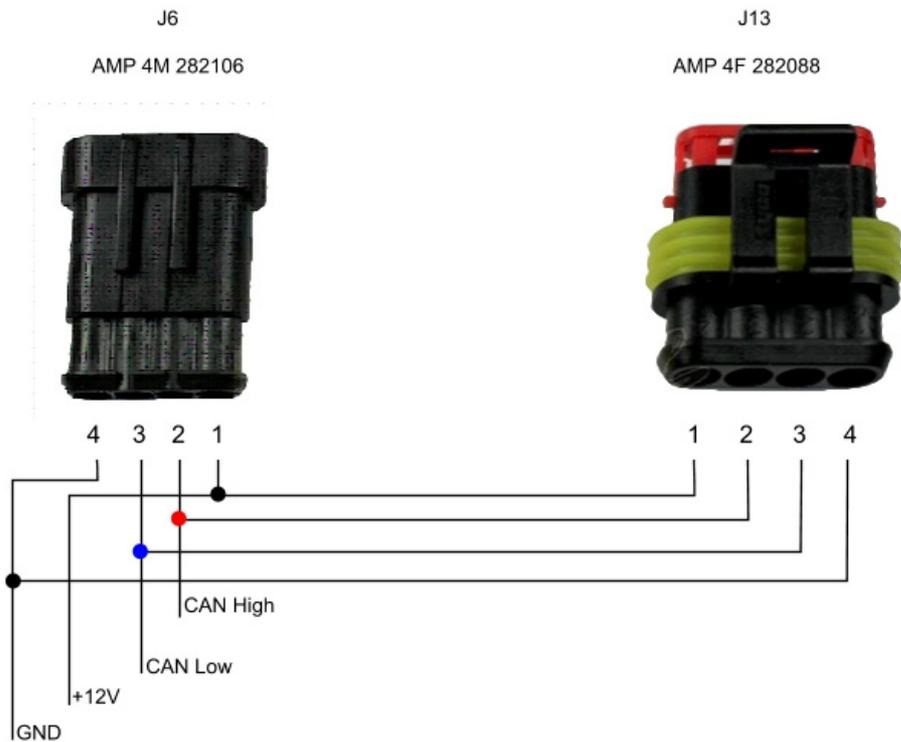AiM Infotech

Marelli
Mitjet 2L Turbo

Release 1.01

ECU

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 device configuration

Before connecting the ECU to AiM device set this up using AiM Race Studio software. The parameters to select in the device configuration are:

- ECU manufacturer "Marelli"
- ECU Model "Mitjet_2l_Turbo"

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Available channels

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