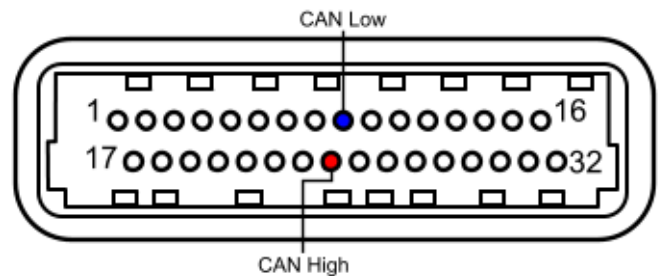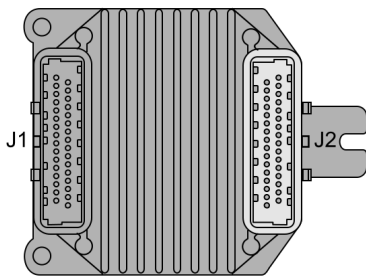AiM Infotech

Delphi MEFI 4B ECU

Release 1.03

ECU

This tutorial explains how to connect AiM devices to Delphi MEFI 4B ECU.

1
Wiring connection

For Delphi MEFI 4B ECU, it is possible to connect to AiM devices through the 32pins "J2" rear connector. Here below you see the ECU with J2 connector highlighted on the left and its pinout on the right; below is connection table.

DB9 connector pin	Pin function	AiM cable
24	CAN High	CAN+
9	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: **Delphi**
- ECU Model: **MEFI-4B**

3
"Delphi – MEFI-4B" protocol

Channels received by AiM loggers connected to "Delphi – MEFI-4B" protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
Speed	Vehicle Speed
MAT	Manifold air temperature
ECT	Engine coolant temperature
FTemp	Fuel temperature
RPM2	RPM2
MapVolts	Manifold air pressure voltage
MAP	Manifold air pressure
EIV	Voltage
EOP	Engine oil pressure
FuelCons	Fuel consumption
Status	ECU Status
FuelPress	Fuel pressure
EGRFB	Engine gas recirculation voltage
RuntimeMin	Running timer minutes