

AiM Infotech

EFI Euro2Plus V013

Release 1.00

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ECU



# 1 Supported models and years

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This document explains how to connect EFI Technology Euro2Plus to AiM devices. Supported models are:

- EFI Technology Euro2Plus from firmware version **V013** onward

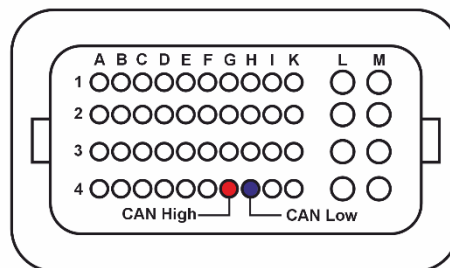
# 2 Wiring connection

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ECU Euro2Plus can broadcast engine data on CAN at **1Mbit/sec.**

**Please note:** CAN data broadcast **must be enabled** in the ECU configuration. Please refer to the device user manual for further information about its configuration.

As said EFI Euro2 Plus features a bus communication protocol based on CAN on the 48 pins Molex front connector. Here below is connection table.



**EFI connector pin**

F4

G4

**Pin function**

CAN 1 High

CAN 1 Low

**AiM cable**

CAN+

CAN-

### 3

## AiM device configuration

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Before connecting the ECU to AiM device set this up using AiM RaceStudio 3 software. The parameters to select in the device configuration are:

- ECU manufacturer: EFI\_EUROPE
- ECU model: Euro2\_PLUS (RaceStudio 3 only)

### 4

## "EFI\_EUROPE – Euro2\_PLUS"

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Channels received by AiM devices connected to "EFI\_EUROPE – Euro2\_PLUS" protocol are:

<b>CHANNEL NAME</b>	<b>FUNCTION</b>
RPM	Engine RPM
TPS	Throttle position sensor
DFARFPos	Throttle positive derivative
TH2O	Water temperature
TAir	Air temperature
TOil	Oil temperature
MAP	Manifold air pressure
POil	Oil pressure
PFuel	Fuel pressure
VbattDir	Direct battery supply (+30)
VbattKey	Switched battery supply (+15)
Lambda1 LOG	Lambda1
Lambda2 LOG	Lambda2
CLC1	Closed loop fuel trim 1
FlagsSmot	Cut status
AE	Acceleration enrichment
TEROG	Real injection time



TEROGBase	Base injection time
SA	Spark advance
SABase	Base spark advance
KFuelLearn	Fuel learn trim
Map Table	Map table selected
CrankStatus	Crank status
CounterCrank	Counter crank
Lnr1	Linear input 1
Lnr2	Linear input 2
Lnr3	Linear input 3
Lnr4	Linear input 4

**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.