AiM Infotech

Lotus Europa ECU

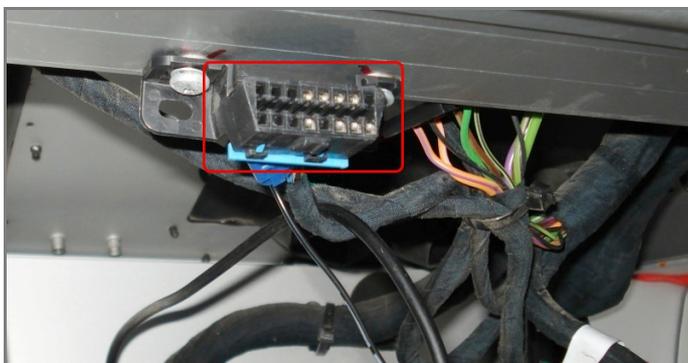# Release 1.01

1
Supported years

This tutorial explains how to connect Lotus Europa car to AiM devices. Supported years are:

- Europa   2006-2010

2
Wiring connection

Lotus Europa cars feature a bus communication protocol based on K Line on the OBDII plug placed under the stock dash as shown here below on the left. On the right is OBDII connector pinout and bottom is connection table
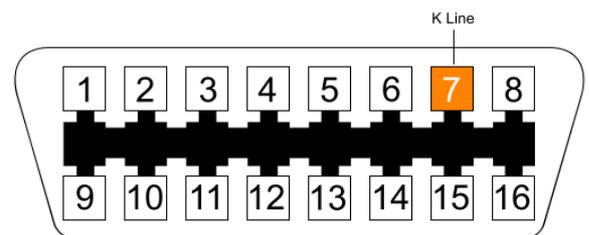

OBDII Pin	Pin function	AiM cable
7	K Line	K Line

3
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 "OBDII"
- ECU Model "KWP2000_FAST_INIT"

4
Available channels

Channels received by AiM devices connected to "OBDII" "KWP2000_FAST_INIT" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	OBDII_RPM	RPM
ECU_2	OBDII_SPEED	Speed
ECU_3	OBDII_ECT	Engine coolant temperature
ECU_4	OBDII_TPS	Throttle position sensor
ECU_5	OBDII_IAT	Intake air temperature
ECU_6	OBDII_MAP	Manifold air pressure
ECU_7	OBDII_MAF	Manifold air flow
ECU_8	OBDII_FUEL_LEV	Fuel level
ECU_9	OBDII_PPS	Pedal position sensor

Please note: channels listed above are those polled by AiM devices. They may or may not come across in the data stream depending on models. RPM, TPS and speed are generally available.