



AiM Infotech

Lotus Europa ECU

Release 1.01



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Supported years

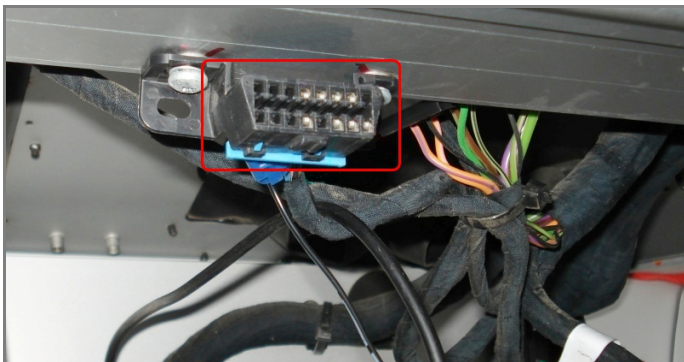
This tutorial explains how to connect Lotus Europa car to AiM devices. Supported years are:

- Europa 2006-2010

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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

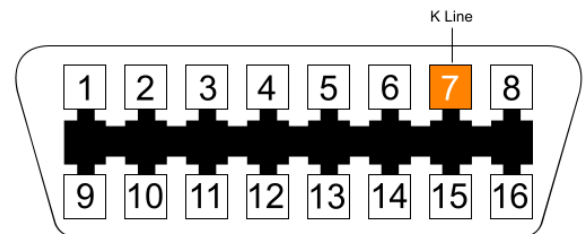


OBDII Pin

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Pin function

K Line



AiM cable

K Line

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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"

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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.