

OBDII

OBDII connection

Question:

How do I connect my AiM device to the vehicle OBDII connector?

Answer:

Only some AiM devices can be equipped with OBDII connector:

- **ECUBridge** version with following product code: **X90BGGK12MA**
- **EVO4** using optional cables:
 - **V02563050** for K-line protocols;
 - **V02563040** for CAN protocols;
- **EVO4S**
 - **kit 2**
 - optional cable **V02585030**
- **SoloDL**
 - kit with following part number: **X46SOLODLKC**;
 - if another kit has been purchased, the part number of the cable you need is **V02569010**
- **Solo 2 DL**
 - kit: **X47SOLO2DL01A0, X47SOLO2DL01G0, X47SOLO2DL01U0, X47SOLO2DL01E0** (includes connection cable with OBD-II connector);
 - kit **X47SOLO2DL02A0, X47SOLO2DL02G0, X47SOLO2DL02U0, X47SOLO2DL02E0** (includes free wires cable – CAN/RS232/External Power);
- **MXS Strada**
 - kit with following part number: **X21MXSSTROBD0** or kit with part number **X21MXSSTROBD1**
 - if another kit has been purchased, the part number of the harness you need is **V02573340**
- **MXS 1.2 Strada**
 - kit with following part number **XA3MXSST12A020** or kit with part number **XA3MXSST12I020**
 - if another kit has been purchased, the part number of the harness you need is **V02573340**
- **MXG 1.2 Strada** harness with following part number: **V02573340**

**OBDII**

For competition systems (**MXL, MXL2, MXS 1.2, MXG 1.2, MXP, MXm, EVO5**) the wiring in equipment has free wires, that can be cabled with specific connectors, such as the OBDII following this table:

Function	Pin OBDII	AiM cable label
CAN High	6	CAN+
CAN Low	14	CAN-
K Line	7	K-Line
Ground	5	GND

The external power cannot be taken from the OBDII because it is a permanent 12V (030).

For further details about the ECUs connections, go to Download -> ECUs connection area of www.aim-sportline.com where all the user manuals about each application connections are.