

# AiM User Manual

Solo 2 DL and EVO4S  
cables for Kawasaki ZX-4R  
and ZX-4RR  
from 2023

Release 1.00

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# 1

## Models and years

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This manual explains how to connect Solo 2 DL and EVO4S to the bike engine control unit (ECU).

Compatible models are:

- Kawasaki Ninja ZX-4R from 2023
- Kawasaki Ninja ZX-4RR from 2023

**Warning:** for these models/years AiM recommends not to remove the stock dash. Doing so will disable some of the bike functions or safety controls. AiM Tech srl will not be held responsible for any consequence that may result from the replacement of the original instrumentation cluster.

## 2 Part numbers

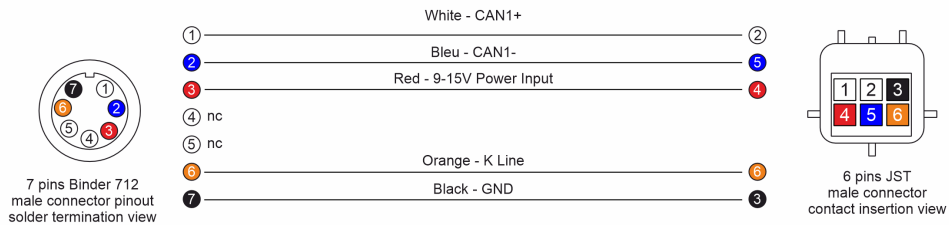
AiM developed specific CAN connection cables for Solo 2 DL and EVO4S

### 2.1 AiM cable for Solo 2 DL

Part number of connection cable for Solo 2 DL – shown below – is: **V02589130**.



The following image shows the cable constructive scheme.

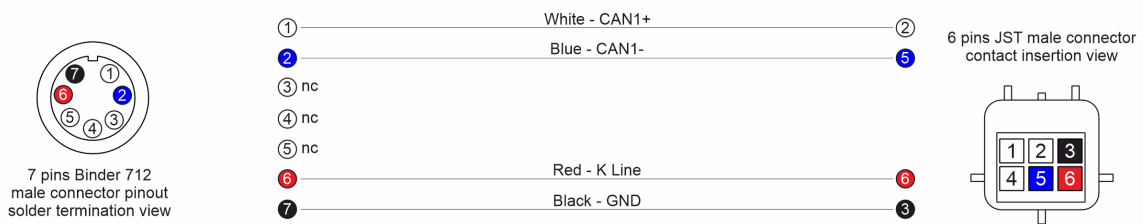


## 2.2 AiM cable for EVO4S

Part number of connection cable for EVO4S – shown below – is: **V02585200**.



The following image shows the cable constructive scheme.



### 3

## Solo 2 DL and EVO4S connection

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Kawasaki bikes communicate using the CAN bus. To connect AiM devices to the bike ECU use the red OBDII Euro5 standard connector you find under the bike seat.

### 4

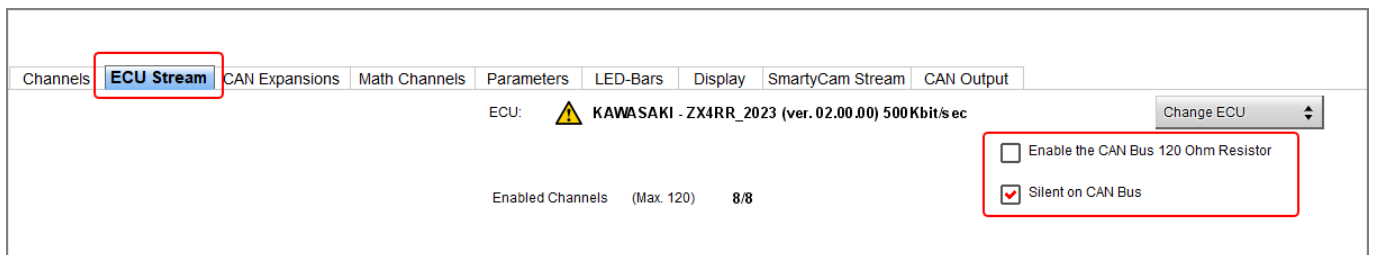
## Configuration with RaceStudio 3

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Before connecting AiM devices to the bike ECU set all functions up using AiM RaceStudio 3 software. The parameters to set in the device configuration ("ECU Stream" tab) are:

- ECU Manufacturer: **"Kawasaki"**
- ECU Model: **"ZX4RR\_2023"** (RaceStudio 3 only)

After this first selection, enable "Silent on CAN Bus" checkbox as follows:



## 5

### “Kawasaki – ZX4RR\_2023” protocol

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Channels received by AiM devices configured with “Kawasaki – ZX4RR\_2023” protocol are:

<b>CHANNEL NAME</b>	<b>FUNCTION</b>
RPM	Engine RPM
Grip Position	Throttle position sensor
Gear	Selected gear
Clutch	Clutch
ECT	Engine coolant temperature
IAT	Intake air temperature

**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.