

AiM User Guide

Solo 2/Solo 2 DL, EVO4S,
XLog and ECULog kit for
Ducati 848, 1098, 1198 and
Hypermotard

Release 1.04



KIT





1

Models and years

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

Compatible models are:

- | | |
|----------------------------------|-----------|
| • 848 Base/EVO/EVO Corse | 2007-2013 |
| • 1098 Base/S/S Tricolore/R | 2007-2009 |
| • 1198 Base/S/S Corse/R Corse/SP | 2009-2011 |
| • Hypermotard 1100 EVO/EVO SP | 2009-2011 |

Please note: kits described in this manual are only compatible with Ducati bikes equipped with DDA connector (Ducati Data Analyzer).

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.

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Kit content and part numbers

AiM developed a specific installation bracket for Solo 2/Solo 2 DL and a connection cable to the ECU for Solo 2 DL, EVO4S, XLog and ECULog.

2.1

Bracket for Solo 2/Solo 2 DL

Part number of **Solo 2/Solo 2 DL** installation bracket for **Ducati** – shown below – is: **DNKTKPFDUC**.

The kit contains:

- 1 bracket (1)
- 2 allen screws with flat head M4x10mm (2)
- 2 self-locking nuts (3)



Please note: the bracket does not fit Ducati Hypermotard 1100 EVO/EVO SP 2009-2011.

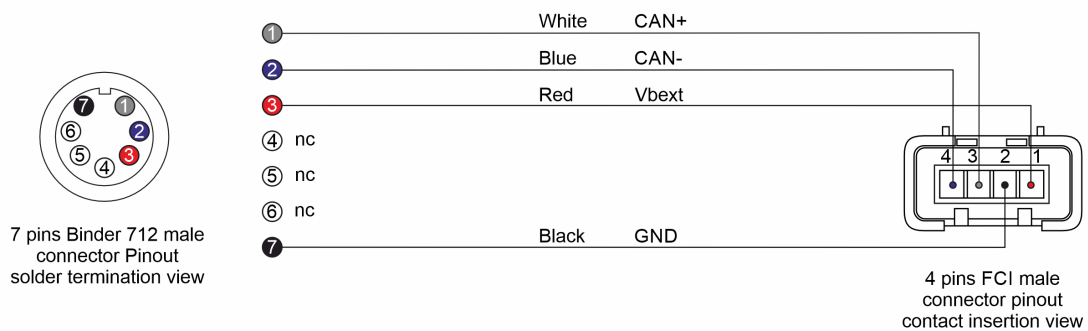
2.2

AiM cable for Solo 2 DL, EVO4S, XLog and ECULog

Part number of Solo 2 DL, EV4S, XLog and ECULog connection cable for Ducati – shown below – is: **V02569170**.



Following image shows the cable constructive scheme.



2.3

AiM kit for Solo 2 DL (CAN cable + bracket)

Please note: connection cable for Solo 2 DL and installation bracket for Ducati (except for Ducati Hypermotard 1100 EVO/EVO SP 2009-2011) can also be bought together with part number: **V0256917CS**.

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Solo 2 DL, EVO4S, XLog and ECULog connection

To connect Solo 2 DL, EVO4S, XLog and ECULog to Ducati bikes ECU use the DDA connector placed under the bike tail.

Open the bike tail and remove the cap – highlighted here on the right – from the DDA connector.



The connector is then available.



Plug AiM cable.



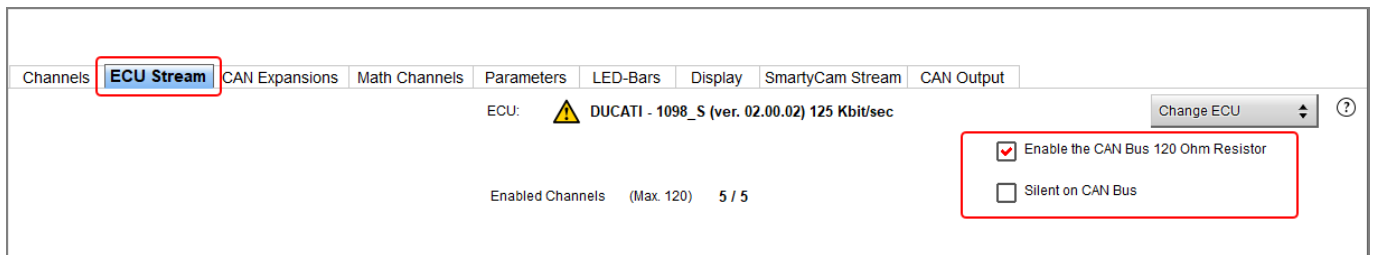
4

Configuration with RaceStudio 3

Before connecting the ECU to AiM device set all functions using AiM RaceStudio 3 software. The parameters to set in the device configuration section (“ECU Stream” tab) are:

- ECU Manufacturer: **“Ducati”**
- ECU Model: **“1098_S”** (RaceStudio 3 only)

After this first selection check “Enable the CAN Bus 120 Ohm resistor” checkbox as follows:



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"Ducati – 1098_S" protocol

Channels received by AiM devices configured with "Ducati 1098_S" protocol are:

CHANNEL NAME	FUNCTION
DUCATI AIRTEMP	Air temperature
DUCATI SPEED	Bike speed
DUCATI RPM	RPM
DUCATI TPS	Throttle position sensor
DUCATI ECT	Water 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.