

AiM User Guide

Solo 2 DL, EVO4S and ECULog
cable for Ducati Hypermotard
796 (2009-2011)

Release 1.01



KIT





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Models and years

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

Compatible models are:

- Ducati Hypermotard 796 2009-2011

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.

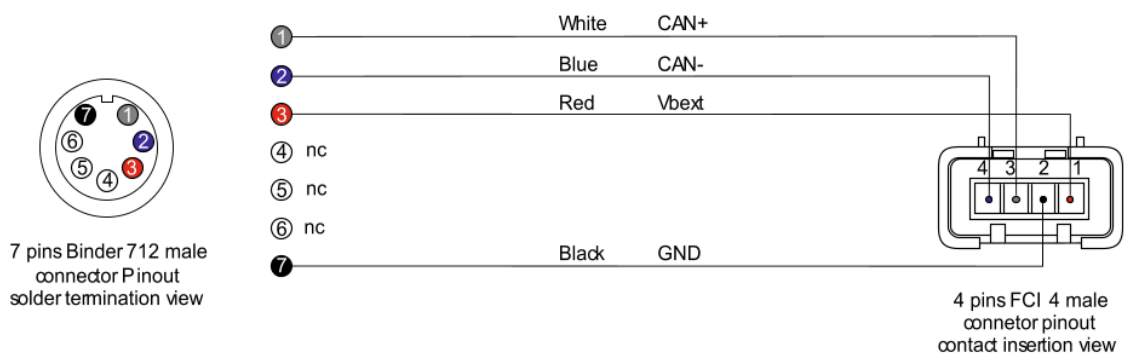
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AiM cable for Solo 2 DL, EVO4S and ECULog

Part number of connection cable for Ducati Hypermotard – shown below – is:
V02569170.



Following image shows the cable constructive scheme.



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Solo 2 DL, EVO4S and ECULog connection

Ducati Hypermotard communication line is based on the CAN protocol that can be reached through the DDA connector placed under the bike seat and shown here on the right.



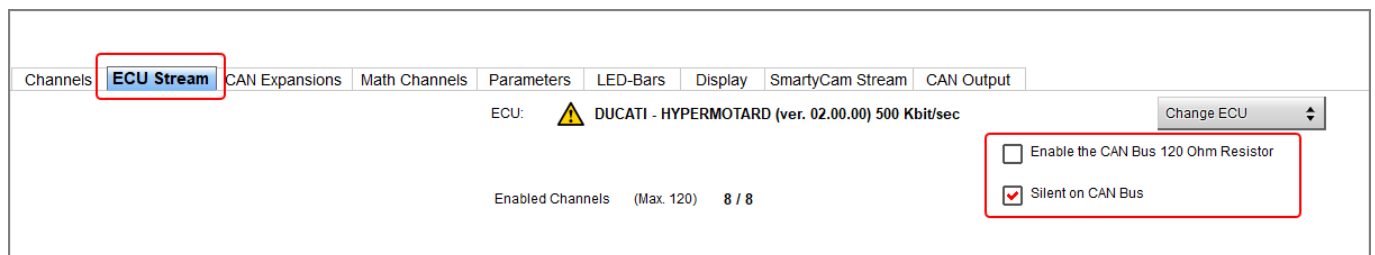
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Configuration with RaceStudio 3

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

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

After this first selection enable “Silent on CAN Bus” checkbox as follows.



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"Ducati – Hypermotard" protocol

Channels received by AiM devices configured with "Ducati – Hypermotard" protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
SpeedVeh	Vehicle speed
TPS1	Throttle position sensor 1
TPS2	Throttle position sensor 2
OilLamp	Oil lamp (alarm)
WaterTemp	Water temperature
VBatt	Battery voltage
Gear	Active gear
IntakeAirTemp	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