

**Kawasaki**  
**ZX10R 2011**



## INTRODUCTION

AIM EVO4, ECU Bridge and SoloDL loggers can communicate with Kawasaki ZX10R 2011 ECU using the CAN line.

In this document are shown Kawasaki and loggers pinout.

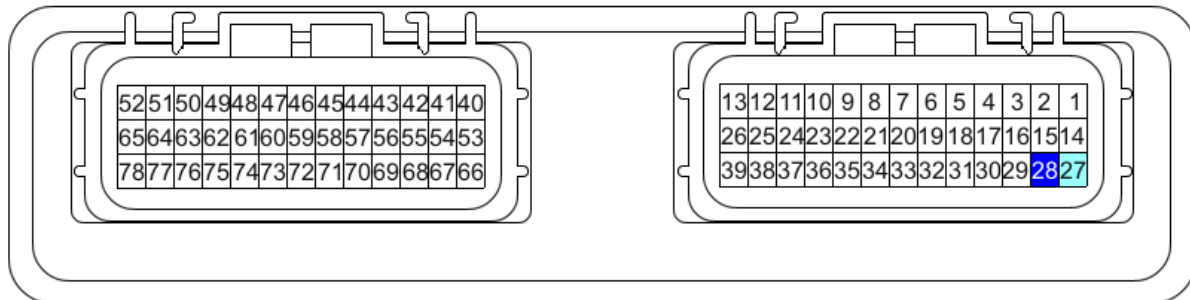
**Please note: for Kawasaki bike to output data through the CAN line the stock dash is to be left on the bike.**

**Warning: once AIM logger installed it needs to be configured through Race Studio 2 software: set ECU Manufacturer "Kawasaki" and ECU Model "Kit Racing".**

## Chapter 1 – Kawasaki CAN line

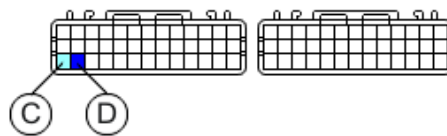
Kawasaki ZX10R 2011 bike dash has one connector while the ECU connector is divided in two 39 pins connectors.

Here below is the ECU connector. The CAN line is on pins 27 and 28.

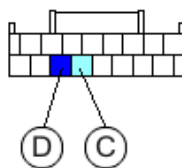


The harness that plugs in the ECU and in the dash has two ending connectors whose pinout is shown here below.

Wiring connector side ECU



Wiring connector side Dash



Here below is the connection table

AIM Cable label	ECU pin/cable	Stock Dash cable
CAN+	Pin 27/Grey Blue cable	Grey Blue cable
CAN-	Pin 28/Light blue cable	Light blue cable

## Chapter 2 – Supported channels

Channels received by AIM loggers connected to Kawasaki ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ZX_RPM	RPM
ECU_2	ZX_SPEED_F	Front wheel speed
ECU_3	ZX_SPEED_R	Rear wheel speed
ECU_4	ZX_TPS	Throttle position sensor
ECU_5	ZX_ECT	Engine cooling temperature
ECU_6	ZX_IAT	Intake air temperature
ECU_7	ZX_GEAR	Engaged gear
ECU_8	ZX_CLUTCH	Clutch
ECU_9	ZX_POW_MODE	Power mode
ECU_10	ZX_TC_MODE	Traction control mode
ECU_11	ZX_SHIFTER	Shifter switch
ECU_12	ZX_PIT_ROAD	Pit road switch
ECU_13	ZX_DIAG_CODE_1	Diagnostic code 1
ECU_14	ZX_DIAG_CODE_2	Diagnostic code 2
ECU_15	ZX_DIAG_CODE_3	Diagnostic code 3
ECU_16	ZX_V_BATT	V battery