

# AiM InfoTech

## Lamborghini Huracan GT3 – EVO2 From 2023

### Release 1.00

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ECU





# 1

## Models and years

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This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.

Supported models and years are:

- Lamborghini Huracan GT3 EVO2 form 2023

## 2

### Wiring connection

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These models are equipped with a specific manufacturer protocol based on CAN, accessible through the "EXP1 – Expansion Can2" 5 pin orange Deutsch female connector. For this installation refer to the following connection table.

Connector	
Label:	<i>EXP1</i>
Function:	<i>Expansion Can2</i>
Type:	ASL106-05SC
Mating type:	ASL606-05PC
Pin	Function
1	12V
2	Gnd
3	Can2 High
4	Can2 Low
Note	<b>CAN line is already terminated on both sides, +12V uder fuse</b>

#### Deutsch 5 Pin

	Function	AiM Cable	AiM Cable color
1	Voltage Battery	V Batt	Red
2	Ground	GND	Black
3	CAN High	CAN +	White
4	CAN Low	CAN -	Blue

## 3

### Race Studio connection

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Before connecting the AiM device to the ECU, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **LAMBORGHINI**
- ECU Model: **HURACAN GT3 EVO2 (RS3 Only)**

## 4

# “LAMBORGHINI – Huracan GT3 EVO2” protocol

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Channels received by AiM devices configured with "LAMBORGHINI – Huracan GT3 EVO2" protocol are:

<b>CHANNEL NAME</b>	<b>FUNCTION</b>
Engine RPM	Engine RPM
Vehicle Speed	Vehicle Speed
Steering Angle	Steering angle sensor
Pedal Pos	Pedal position sensor
Gear	Engaged gear
Brake Press R	Rear brake pressure
Brake Press F	Front brake pressure
Acc X	Longitudinal acceleration
Acc Y	Lateral acceleration
Press Tyre FL	Front left tyre pressure
Press Tyre FR	Front right tyre pressure
Press Tyre RL	Rear left tyre pressure
Press Tyre RR	Rear right tyre pressure

**Technical note:** not all data channels outlined in the ECU template are validated for each manufacture's model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.