



AiM InfoTech

Lamborghini
Huracan GT3 – EVO2
From 2023

Release 1.00



ECU





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Models and years

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

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Wiring connection

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	CAN line is already terminated on both sides, +12V uder fuse

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

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Race Studio connection

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)**

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“LAMBORGHINI – Huracan GT3 EVO2” protocol

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

CHANNEL NAME	FUNCTION
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.