

AIM InfoTech

Lamborghini  
Huracan  
From 2014 - 2022

Release 1.00

---



ECU



# 1 Models and years

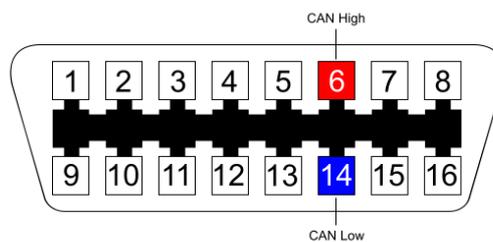
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.

Supported models are:

- Huracan
- Huracan EVO
- Huracan STO
- Huracan Tecnica

# 2 Wiring connection

These models feature a proprietary diagnostic protocol based on CAN, accessible through the OBDII plug placed on the steering column. For this installation refer to the following pinout of the OBDII plug (vehicle side – front view) and connection table.



OBDII Pin	Pin function	AiM cable	AiM cable colour
6	CAN High	CAN+	White
14	CAN Low	CAN-	Blue

## 3

# Race Studio configuration

---

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

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

## 4

# "LAMBORGHINI – OBDII HURACAN" protocol

---

Channels received by AiM devices configured with "LAMBORGHINI – OBDII HURACAN" protocol are:

<b>CHANNEL NAME</b>	<b>FUNCTION</b>
RPM	RPM
SPEED	Vehicle speed
PPS	Pedal position sensor
ECT	Engine coolant temperature
IAT	Intake air temperature
FUEL LEVEL	Fuel level
BRAKE PRES	Brake pressure
GEAR	Engaged gear

**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.