

AiM InfoTech

Lamborghini
Huracan Super Trofeo
From 2015
(with MoTeC ECU)

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 and years are:

- Lamborghini Huracan Super Trofeo (with MoTeC ECU) from 2015

2 CAN Connection

These models feature a communication protocol based on CAN, accessible through the 4pins DTM connector placed at the rear of the central tunnel, behind the seats. For this installation refer to the following pinout of the DTM connector (vehicle side – rear view) and connection table.



DTM connector pin	Function	AiM cable
1	Ground	GND
2	12V	9-15VDC
3	CAN -	CAN-
4	CAN +	CAN+

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Race Studio configuration

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: **MoTeC**
- ECU Model: **VCS TComp full**

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“MoTeC – VCS TComp full” protocol

Channels received by AiM devices configured with “MoTeC – VCS TComp full” protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
GEAR	Active gear
GroundSpeed	Vehicle speed
TPS	Throttle position sensor
BrakePr	Brake pressure
SteerAng	Steering wheel position
GLong	Longitudinal acceleration
GLat	Lateral acceleration

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