AiM InfoTech

Aston Martin
Vantage GT4
from 2019

Release 1.00

ECU

AiM

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:

- Aston Martin   Vantage GT4   from 2019

2
ECU CAN connection

These models feature a DTM06-6S connector labelled "FIA Logger" data bus, located close to the central tunnel.
It is strongly recommended to refer to a skilled technician to perform this kind of installation. For this installation refer to the following pinout of the "FIA Logger" connector and connection table:

"FIA-Logger" connector pin	Function	Cable color	AiM cable
1	Ground	Black	GND
4	V Battery	Red	9-15V
5	CAN +	White	CAN +
6	CAN -	Blue	CAN -

3

Race Studio configuration

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

- ECU Manufacturer: **Aston Martin**
- ECU Model: **Vantage GT4 SMC** (RS3 only)

4

"Aston Martin - Vantage GT4 SMC" protocol

Received channels by AiM devices configured with "Aston Martin - Vantage GT4 SMC" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
Gear	Active Gear
Speed FL	Wheel Speed Front Left
Speed FR	Wheel Speed Front Right
Speed RL	Wheel Speed Rear Left
Speed RR	Wheel Speed Rear Right
Brake press F	Front Brake Pressure
Brake press R	Rear Brake Pressure
Steering	Steering position
PPS	Pedal Position Sensor
TPS	Throttle Position Sensor

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.