

AiM Infotech

Porsche 718 Cayman GT4 ClubSport from 2019

Release 1.00



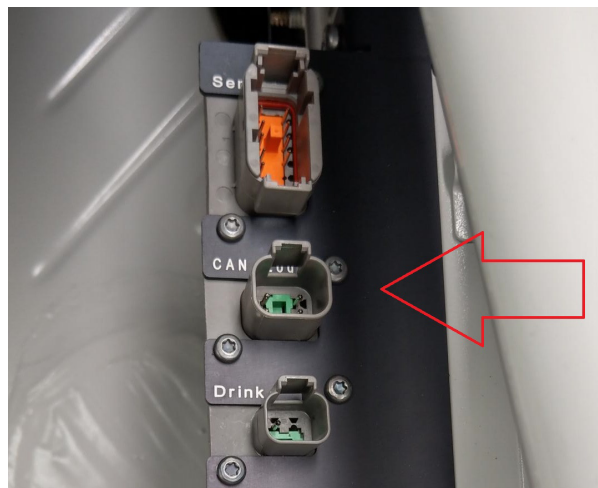
1 Supported years and models

This tutorial explains how to connect Porsche 718 Cayman GT4 ClubSport cars to AiM devices. Supported years and models are:

- Porsche 718 Cayman GT4 ClubSport from 2019

2 Wiring connection

These cars feature a bus communication protocol based on CAN on the CAN logger connector (DT 04-4P L012) placed under the dash as shown here below on the left. On the right is the connector view and bottom its connection pinout:



Deutsch Pin	Pin function	AiM cable
1	CAN High	CAN+
2	CAN Low	CAN-
3	GND	GND
4	12V	9-15VDC

3

AiM device configuration

Before connecting the AiM device to the ECU set it up using AiM Race Studio software. The parameters to select in the device configuration are:

- ECU manufacturer: Porsche
- ECU model: Cayman 718 GT4CS

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"Porsche – Cayman 718 GT4CS"

Channels received by AiM devices connected to "Porsche – Cayman 718 GT4CS" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
Gear	Gear
Speed	Vehicle speed
Speed FL	Front left wheel speed
Speed FR	Front right wheel speed
Speed RL	Rear left wheel speed
Speed RR	Rear right wheel speed
Acc long	Longitudinal accelerometer
Acc lat	Lateral accelerometer
Yaw rate	Yaw rate
Water T	Water temperature
Amb T	Ambient temperature
Oil T	Oil temperature
Intake Air T	Intake air temperature
Gbx T Clutch	Gearbox temperature - clutch
Gbx Temp	Gearbox temperature



TPMS Temp FL	Front left wheel temperature (TPMS)
TPMS Temp FR	Front right wheel temperature (TPMS)
TPMS Temp RL	Rear left wheel temperature (TPMS)
TPMS Temp RR	Rear right wheel temperature (TPMS)
Oil P	Oil pressure
Brake Press	Brake pressure
Fuel P	Fuel pressure
MAP	Manifold air pressure
Amb Press	Ambient pressure
TPMS Press FL	Front left wheel pressure (TPMS)
TPMS Press FR	Front right wheel pressure (TPMS)
TPMS Press RL	Rear left wheel pressure (TPMS)
TPMS Press RR	Rear right wheel pressure (TPMS)
Oil Level	Oil level
Steer Angle	Steering angle position
CAM IN R	Camshaft inlet right
Ignition Adv	Ignition advance
CAM IN L	Camshaft inlet left
Throttle	Throttle pedal position
Throttle Pos	Throttle position sensor
Distance	Travelled distance
Battery Volt	Battery voltage
Fuel Lev	Fuel level
Lambda R	Lambda right
Lambda L	Lambda left
Eng Torque	Engine torque
Torque Demand	Engine torque demand
ABS Poti	ABS
MIL diag	Malfunctioning indicator lamp
PSM TC Off	Traction Control off (PSM)
Shift Pad Down	Paddles downshift status
Shift Pad Up	Paddles upshift status



Brake Bias

Brake bias

Brake Sw

Brake switch

PSM ESC Off

Electronic stability control off (PSM)

Gear Lever

Gear lever position

Technical notes: 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.