VBOX
MOTORSPORT

Vehicle CAN Database

Porsche
718 Cayman GT4 Clubsport (982)

Overview

Racelogic have acquired CAN signals for customers to use with VCI (Vehicle CAN Interface) products. This information is available by listening on the relevant CAN bus on the vehicle and interpreting the messages to form easy to use information which is then available for data logging.

VBox Video HD2 Users

Users of VBox Video HD2 will find this vehicle available to be selected via the VBox Video setup software which can be downloaded from our website. The software is supplied with instant access to the CAN information for a large array of vehicles and is kept automatically up to date as new vehicles and signals are added (Subject to internet connection).
To start using HD2 with your vehicle simply follow the steps below:
1.   Open VBox Video Setup
2.   Click the "Settings" menu option
3.   Select "CAN"
4.   Select "Vehicle database" under "Source"
5.   Select "Porsche" and "718 Cayman GT4 Clubsport (982)"
6.   Tick the signals you wish to use

Use with other Racelogic Products

Users of other Racelogic products will need to download a file from our website here:
https://vboxmotorsport.co.uk/index.php/en/customer-area/vehicle-can-database
Select "Porsche" and "718 Cayman GT4 Clubsport (982)" from the dropdown selection to download the relevant file.
Refer to the user manual of your product for details on how to use this file.

Wiring Connection

High speed CAN data is available at a DTM connector labelled, "CAN Logger". This is located near the passenger door.
Pin1 = CAN High (Orange/Grey)
Pin2 = CAN Low (Orange/Brown)

PLEASE NOTE: This information is provided as a general guide to CAN Bus wire colours only and colours may be subject to change without notice. Racelogic accepts no responsibility for damage or malfunction caused by incorrect wiring of its products to a vehicle. Any connection to a vehicle CAN Bus should be done by a trained automotive technician.

CAN bus Connection

The CAN bus must be configured at a baud rate of 500k and with CAN Acknowledgement enabled.

Cable - VBox Video HD2

To connect the HD2 system to a vehicle CAN bus system using a bare wire, an RLCAB015L cable must be used.
Click here for a cable drawing including PIN outs for the RLCAB015L.
Note: If the connection needs to be made using a bare wire interface with the CAN High and Low outputs of the vehicle, we strongly recommend contacting a qualified auto-electrician to perform the fitting.

Cable - Other Racelogic Products

To connect between your racelogic product and the vehicle a bare wire Cable is available, if this was not supplied with the product please contact us for details.

4 Pin DTM Connector labelled "CAN Logger"
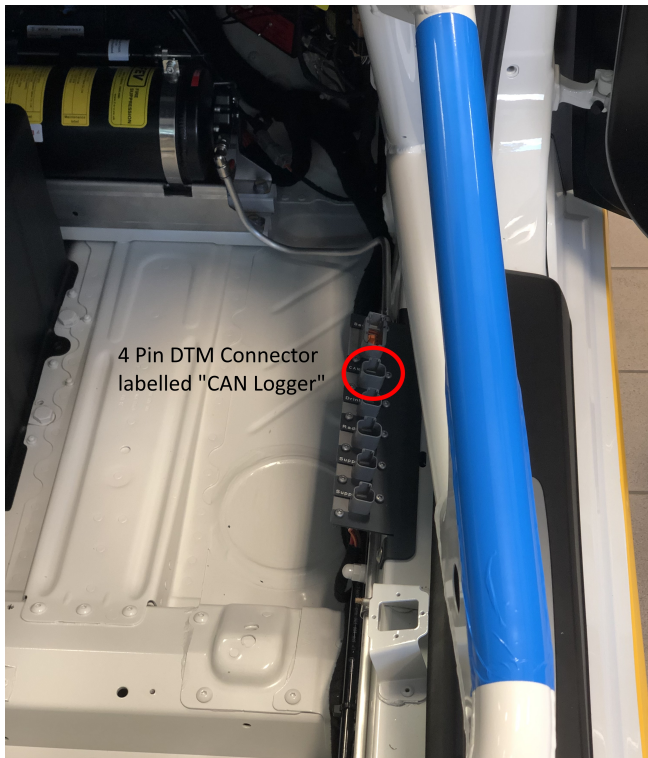
Available CAN Channels

The following signals are available for selection:

Signal	Default Units
ABS Switch Position	
Accelerator Pedal Position	%
Battery Voltage	V
Brake Bias	
Brake Light	on/off
Brake Pressure	bar
Coolant Temperature	°C
Engine Speed	rpm
Fuel Level	L
Fuel Pressure	bar
Gear	
Gear Down	
Gear Switch	
Gear Up	
Gearbox Oil Temperature	°C
Indicated Lateral Acceleration	g
Indicated Longitudinal Acceleration	m/s²
Indicated Vehicle Speed	km/h
Intake Air Temperature	°C
Manifold Pressure	mbar
Oil Pressure	bar
Oil Temperature	°C
Steering Angle	
Steering Direction	
Throttle Position	%
Traction Control Mode	on/off
Tyre Pressure FL	bar
Tyre Pressure FR	bar
Tyre Pressure RL	bar
Tyre Pressure RR	bar
Tyre Temperature FL	°C
Tyre Temperature FR	°C
Tyre Temperature RL	°C

Tyre Temperature RR	°C
Wheel Speed FL	km/h
Wheel Speed FR	km/h
Wheel Speed RL	km/h
Wheel Speed RR	km/h
Yaw Rate	°/s

Note: not all signals listed above will be applicable to all variants of this vehicle and so may not be available for your specific vehicle.

Support

If any data contained in this document is incorrect or for further support please visit our website here:https://www.vboxmotorsport.co.uk/support