

AIM InfoTech

Porsche
718 Boxster /Cayman 718
From 2016

Release 1.00



ECU



1 Models and years

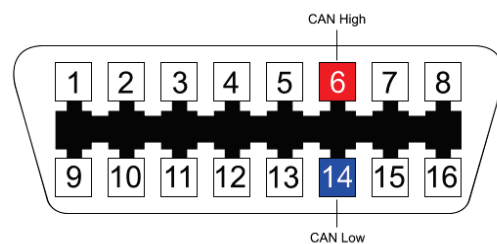
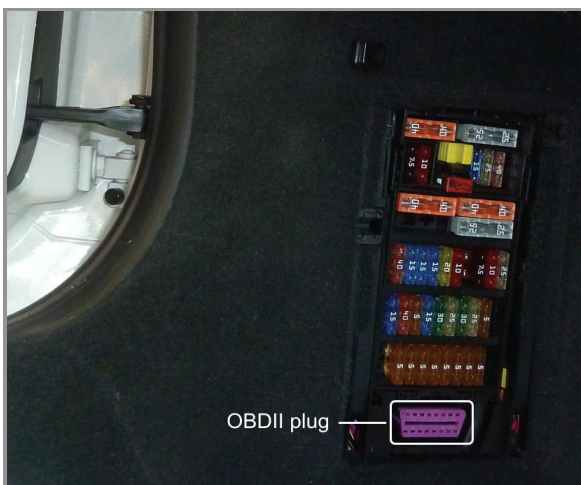
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.

Supported models and years are:

- 718 Boxster (982) from 2016
- 718 Cayman (982) from 2016

2 Wiring connection

These models feature a standard diagnostic protocol based on CAN, accessible through the OBDII plug placed on the car driver side, bottom left of the driver, in the fuse box near to the pedal area (following left image). 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

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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: **PORSCHE**
- ECU Model: **991_981_OBDII**

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"PORSCHE – 991_981_OBDII" protocol

Channels received by AiM devices configured with "Porsche – 991_981_OBDII" protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
WHEEL SP FL	Front left wheel speed
WHEEL SP FR	Front right wheel speed
WHEEL SP RL	Rear left wheel speed
WHEEL SP RR	Rear right wheel speed
COOLANT TEMP	Engine coolant temperature
INTK AIR TEMP	Intake air temperature
BRAKE PRESS	Brake pressure
MANIFOLD PRESS	Manifold air pressure
STEER ANGLE	Steering angle
THROTTLE POS	Throttle position sensor
ACCEL POS	Acceleration position

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.