AiM InfoTech

# Peugeot Sport
# 208 R2
# 2012 – 2019

## Release 1.00



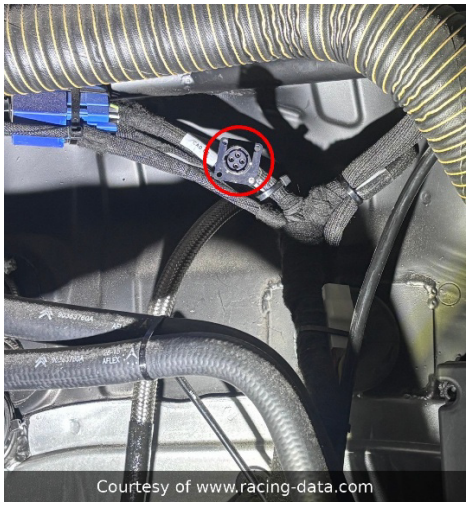
# 1 Models and years

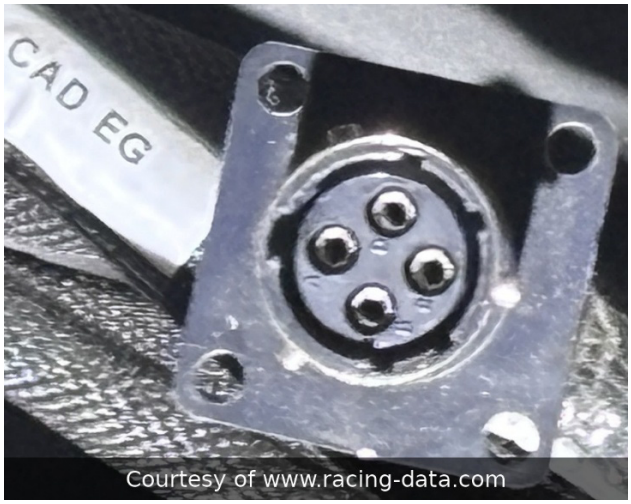
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream. Supported models and years are:

- Peugeot Sport 208 R2 2012 – 2019

# 2 Wiring connection

This model features a CAN data bus accessible through the 4 pins ITT Cannon connector labelled "CAN", placed in the footwell area (see following left picture; red circle). It is strongly recommended to refer to a skilled technician to perform this kind of installation. For this installation refer to the following front view of the car's "CAN" connector and connection table.




| "CAN" connector pin | Function | AiM cable | AiM cable colour |
|---|---|---|---|
| A | Vbat (12V) | 9-15VDC | Red |
| B | CAN1 H | CAN + | White |
| C | CAN1 L | CAN - | Blue |
| D | GND | GND | Black |

# 3
# RaceStudio 3 configuration

Before connecting AiM device to the vehicle, set it up using AiM RaceStudio 3 software. Set the following parameters in the device configuration:

- ECU Manufacturer: **PEUGEOT**
- ECU Model: **208 R2** (RaceStudio3 only)

# 4
# "PEUGEOT – 208 R2" protocol

Channels received by AiM devices configured with "PEUGEOT – 208 R2" protocol are:

| CHANNEL NAME | FUNCTION |
|---|---|
| RPM | RPM |
| Gear | Active gear |
| VehicleSpeed | Vehicle speed |
| ThrottlePos | Throttle pedal position |
| BrakePressFront | Front brake pressure |
| BrakePressRear | Rear brake pressure |
| EngineCoolTemp | Engine coolant temperature |
| EngineOilPress | Engine oil pressure |
| StageRoadSel | Stage / Road mode selector |

**Technical note**: not all data channels listed in the ECU template have been validated for every vehicle model or variant. Some channels are specific to certain models and production years and may therefore not be available.