

AiM Infotech

Peugeot Sport
208 Rally4

Release 1.00



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Models and years

This manual explains how to connect Peugeot Sport 208 Rally4 ECU to AiM devices. Supported models and years:

- Peugeot Sport 208 Rally4 from 2020

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Wiring connection

Peugeot Sport 208 Rally4 features a bus communication protocol based on CAN that can be reached through the 4 ways ITT Cannon female connector labelled GIP and located on the central tunnel.



ITT Cannon Conn. Pin nr	Lead function	AiM lead label	AiM lead color
A	V Battery	V Batt	Red
B	CAN High	CAN +	White
C	CAN Low	CAN -	Blue
D	Ground	GND	Black



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Configuration with Race Studio 3

Before connecting the ECU to AiM device set this up using AiM Race Studio 3 software. The parameters to select in the device configuration are:

- ECU manufacturer: **PEUGEOT**
- ECU Model: **208 Rally4** (Only RS3)

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"PEUGEOT – 208 Rally4" protocol

Channels received by AiM devices configured with "PEUGEOT – 208 Rally4" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
Car Speed	Vehicle speed
Wheel Speed FL	Wheel speed front left
Wheel Speed FR	Wheel speed front right
Wheel Speed RL	Wheel speed rear left
Wheel Speed RR	Wheel speed rear right
rPedal	Throttle pedal position
PBrake Front	Brake pressure front
PBrake Rear	Brake pressure rear
aSteering	Steering wheel angle
Gear	Engaged gear
Water Temp	Engine coolant temperature
Oil Temp	Engine oil temperature
Air Temp	Intake air temperature
Ambient Temp	Ambient temperature
Oil Press	Engine oil pressure
Boost	Boost pressure



Mode	Road/Stage mode selection
Map	Map 1/2/3 selection
Surface Map	Tarmac/Gravel surface map selection
Solenoid Gear	Solenoid switch

Technical note: not all data channels outlined in the ECU template are validated for each Manufacturer's model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.