

AiM InfoTech

Peugeot
308 Racing Cup
308 TCR

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.

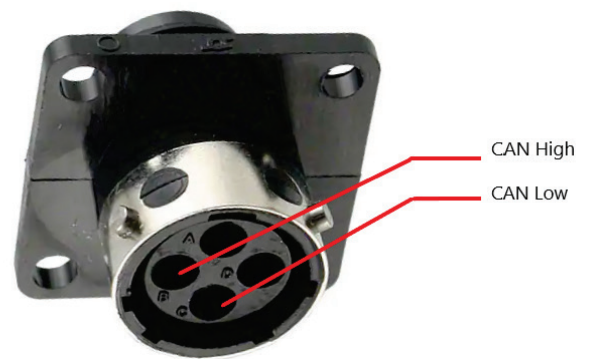
Supported models and years are:

308 Racing Cup
308 TCR

from 2017
from 2018

2 Wiring Connection

These models feature a communication protocol based on CAN, accessible through the 4 pins ITT Cannon female connector (P.N: TR1004FRH1NB) placed on the passenger side. For this installation refer to the following pinout of ITT Cannon connector and its connection table.



ITT Cannon 4 pin female conn.

	Function
B	CAN High
C	CAN Low
D	V Battery
A	Ground

AiM cable

CAN +
CAN -
V Batt
GND

AiM color cable

White
Blue
Red
Black

3

Race Studio configuration

Before connecting the AiM device to the ECU, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **PEUGEOT**
- ECU Model: **308 TCR**

4

"PEUGEOT – 308 TCR" protocol

Channels received by AiM devices configured with "PEUGEOT – 308 TCR" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
GEAR	Engaged gear
SpeedFL	Front left wheel speed
SpeedFR	Front right wheel speed
SpeedRL	Rear left wheel speed
SpeedRR	Rear right wheel speed
WaterTemp	Water temperature
IgniAngle	Ignition angle
PPS	Pedal position sensor
TPS	Throttle position sensor
BrakePressF	Front brake pressure
Lambda	Lambda value

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.