

AiM InfoTech

Renault RS01_V01 2015

Release 1.01



ECU



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Models and years

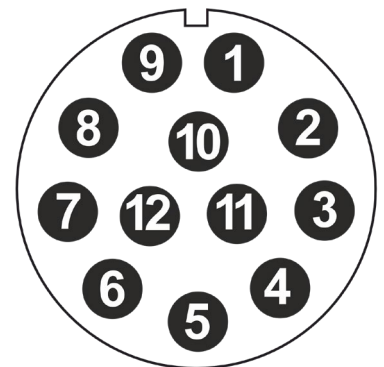
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream. Supported models and years are:

- Renault R.S. 01 2015

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ECU CAN Connection

These models feature different data bus and communication protocols based on CAN. The one to be used is named CAN MAIN or CAN 5. This CAN bus is accessible through the connector labelled DB1+VIDEO. For this installation, please refer to the following pinout of the DB1+VIDEO connector (vehicle side – front view) and its connection table.



DB1+VIDEO connector pin

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Pin function

CAN High

CAN Low

AiM cable

CAN +

CAN -

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RaceStudio configuration

Before connecting AiM devices to the ECU set all functions up using AiM RaceStudio 3 software. The parameters to select in the device configuration are:

- ECU manufacturer: **Renault**
- ECU model: **RS01_V01** (RaceStudio 3 only)

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"Renault – RS01_V01" protocol

Channels received by AiM devices configured with "Renault – RS01_V01" protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
TPS	Throttle position sensor
Brake Press	Brake pressure
GEAR	Gear

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