AiM Infotech

Renault Megane III RS
From 2008 onwards

Release 1.01

This tutorial explains how to connect Renault cars to AiM devices.

1 Supported model and years

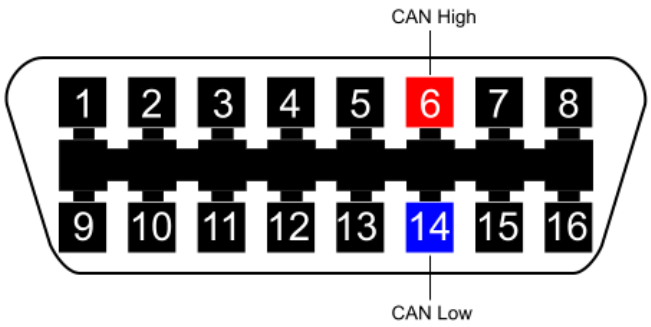
Supported model and years are:

- Renault Megane III RS from 2008 onwards

2 OBDII connection

Renault Megane III RS features a bus communication protocol based on CAN on the OBDII plug located behind a plastic panel below the USB plug.

Connector pinout as well as connection table are shown here below.



OBDII connector pin	Pin function	AiM cable
6	CAN High	CAN+
14	CAN Low	CAN-

3
AiM Logger configuration

Before connecting the ECU to AiM logger set it up as follows.

Run Race Studio 2 software and select:

- "Device Configuration" –> select the device you are using
- select the configuration or press "New" to create a new one
- select ECU manufacturer "Renault" and ECU Model "Megane_R3_RS"
- transmit the configuration to the device pressing "Transmit".

4 Available channels

Channels received by AiM loggers connected to "Renault" "Megane_R3_RS" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_MAN_AIR_PRE	Manifold air pressure
ECU_3	ECU_THROTTLE	Throttle position
ECU_4	ECU_STEER_ANG	Steering angle
ECU_5	ECU_STEER_SPD	Steering speed
ECU_6	ECU_DASH_SPD	Dash speed
ECU_7	ECU_WSPD_FL	Front Left wheel speed
ECU_8	ECU_WSPD_FR	Front Right wheel speed
ECU_9	ECU_WSPD_RL	Rear Left Wheel speed
ECU_10	ECU_WSPD_RR	Rear Right Wheel speed
ECU_11	ECU_VEH_SPD	Vehicle speed
ECU_12	ECU_BRAKE_SW	Brake switch
ECU_13	ECU_BRAKE_PRES	Brake pressure
ECU_14	ECU_CLUTCH	Clutch switch
ECU_15	ECU_HAND_BRK	Handbrake
ECU_16	ECU_ENG_TEMP	Engine Coolant Temperature
ECU_17	ECU_INT_AIR_TEMP	Intake Air Temperature
ECU_18	ECU_PEDAL_POS	Pedal position
ECU_19	ECU_KICK_SW	Kick switch
ECU_20	ECU_NEUTRAL	Neutral signal
ECU_21	ECU_ABS_ESP_off	ABS ESP Off
ECU_22	ECU_TURN_LEFT	Left turn indicator light
ECU_23	ECU_TURN_RIGHT	Right turn indicator light
ECU_24	ECU_POS_LIGHT	Position light
ECU_25	ECU_LIGHT	Low beam

Please note: channels listed above are those polled by AiM devices. They may or may not come across in the data stream depending on models. RPM, TPS,ECT and speed are generally available.