AiM Infotech

Renault Clio R3 RS 2006-2012

Release 1.00

This tutorial explains how to connect Renault Clio R3 RS to AiM devices. Supported models are:

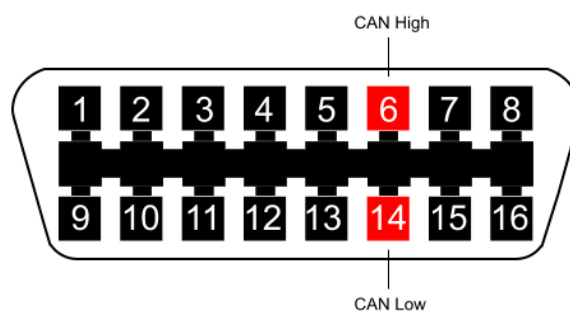- Renault Clio R3 RS   2006-2012

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OBDII connection

Renault Clio R3 RS is equipped with an OBDII connector. The OBDII plug is on bottom of the central console under a plastic cover.

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-

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AiM Logger configuration

Once the ECU connected to the logger set up the logger 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 "Clio_R3_RS"
- transmit the configuration to the device pressing "Transmit".

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Available channels

Channels received by AiM loggers connected to Clio_R3_RS protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_VEH_SPEED	Vehicle speed
ECU_3	ECU_FR_SPEED	Front right wheel speed
ECU_4	ECU_FL_SPEED	Front left wheel speed
ECU_5	ECU_RR_SPEED	Rear right wheel speed
ECU_6	ECU_RL_SPEED	Rear left wheel speed
ECU_7	ECU_THROTTLE	Throttle position
ECU_8	ECU_MAN_AIR_PR	Manifold air pressure
ECU_9	ECU_ENG_TEMP	Engine coolant temperature
ECU_10	ECU_LONG_ACC	Longitudinal acceleration
ECU_11	ECU_TRASV_ACC	Lateral acceleration
ECU_12	ECU_YAW_RATE	Yaw rate
ECU_13	ECU_BRK_SW1	Brake switch 1
ECU_14	ECU_STEER_ANGLE	Steering angle

ECU_15	ECU_STEER_SPEED	Steering speed
ECU_16	ECU_REQ_TORQUE	Requested torque
ECU_17	ECU_MIN_IST_TRQ	Min instant torque value in percentage
ECU_18	ECU_MAX_IST_TRQ	Max instant torque value in percentage
ECU_19	ECU_ODOMETER	Odometer
ECU_20	ECU_KICK_DOWN	Kick down
ECU_21	ECU_CLUTCH_SW	Clutch switch
ECU_22	ECU_BRK_SW2	Brake switch 2
ECU_23	ECU_FUEL_CONS	Fuel consumption
ECU_24	ECU_MIL_LAMP	Malfunction indicator lamp
ECU_25	ECU_AMB_TEMP	Ambient temperature
ECU_26	ECU_TURN_RIGHT	Right turn indicator light
ECU_27	ECU_TURN_LEFT	Left turn indicator light
ECU_28	ECU_OIL_SW	Oil switch
ECU_29	ECU_POS_LIGHT	Position light
ECU_30	ECU_LOW_BEAM	Low beam
ECU_31	ECU_HIGH_BEAM	High beam