

AiM Infotech

Ferrari F430
Ferrari F430 Scuderia

Release 1.01



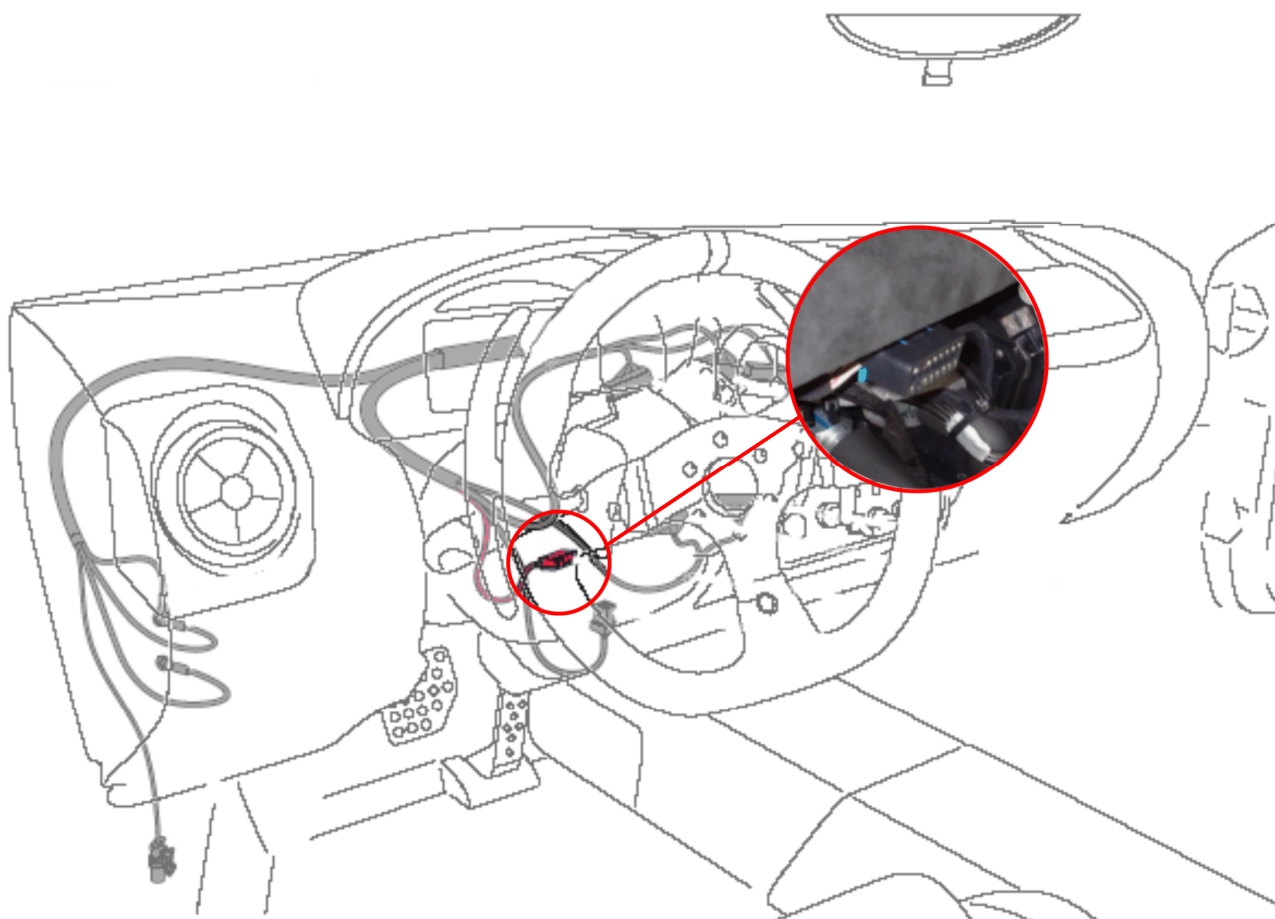
This tutorial explains how to connect Ferrari F430 to AiM devices. Supported years are:

- Ferrari F430 2008-2010;
- Ferrari F430 Scuderia 2008-2010.

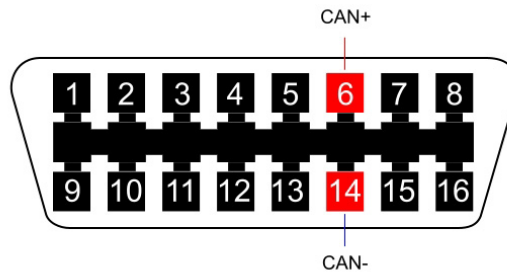
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CAN communication setup

Ferrari F430 and Ferrari F430 Scuderia communicate using the CAN Bus on the OBDII connector. OBDII plug is right of the steering wheel column under the dashboard as shown below.



OBDII connector pinout as well as connection table are shown here below.



OBDII connector pin	Pin function	AiM cable label
6	CAN+	CAN+
14	CAN-	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 "Ferrari" and ECU Model "430 (ECU Bosch)";
- transmit the configuration to the device pressing "Transmit".

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Available channels

Channels received by AiM devices connected to Ferrari F430 ECU Bosch protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	F430_RPM	RPM
ECU_2	F430_WH_SPD_FL	Front left wheel speed
ECU_3	F430_WH_SPD_FR	Front right wheel speed
ECU_4	F430_WH_SPD_RL	Rear left wheel speed
ECU_5	F430_WH_SPD_RR	Rear right wheel speed
ECU_6	F430_VEH_SPEED	Vehicle speed
ECU_7	F430_PPS	Pedal position
ECU_8	F430_GEAR	Engaged gear
ECU_9	F430_STEER_ANG	Steering angle
ECU_10	F430_BRK_SW	Brake switch
ECU_11	F430_STEER_SPD	Steering wheel speed
ECU_12	F430_ECT	Engine coolant temperature
ECU_13	F430_OILT	Oil temperature
ECU_14	F430_CST	Traction control selection