AiM Infotech

Ferrari 458 GT2

Release 1.00

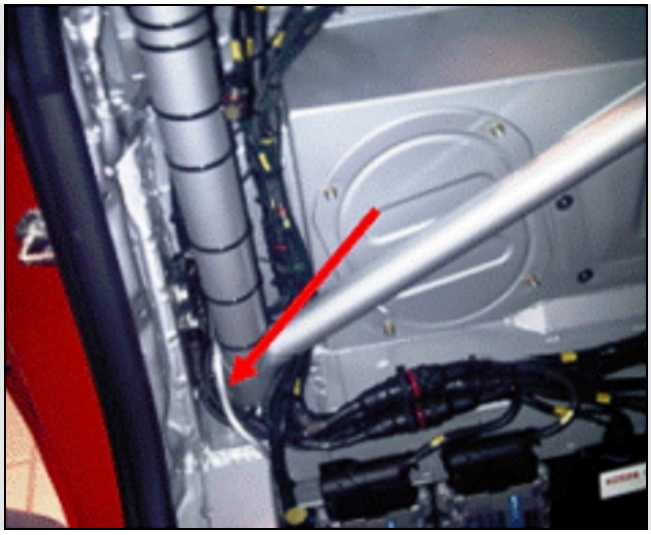
ECU

This tutorial explains how to connect Ferrari 458 GT2 to AiM devices. Supported years are:

- Ferrari 458 GT2 from 2011 onwards

1 CAN connection

Ferrari 458 GT2 is equipped with a CAN communication protocol on a round connector placed downstream the roll bar, left of the white cable indicated by the arrow:



Connection table is shown below.

Round connector pin	Pin function	AiM cable
3	CAN High	CAN+
4	CAN Low	CAN-

2
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 “458_GT2”
- transmit the configuration to the device pressing “Transmit”.

3
Available channels

Channels received by AiM devices connected to Ferrari 458_GT2 protocol are.

ID	CHANNEL NAME	FUNCTION
ECU_1	F458_RPM	RPM
ECU_2	F458_SPEED	Speed
ECU_3	F458_SPEED_FL	Front left wheel speed
ECU_4	F458_SPEED_FR	Front right wheel speed
ECU_5	F458_SPEED_RL	Rear left wheel speed
ECU_6	F458_SPEED_RR	Rear right wheel speed
ECU_7	F458_TPS	Throttle position sensor
ECU_8	F458_GEAR	Engaged gear
ECU_9	F458_P_BRAKE_F	Front brake pressure
ECU_10	F458_P_BRAKE_R	Rear brake pressure
ECU_11	F458_WATER_T	Engine coolant temperature
ECU_12	F458_T_OIL	Oil temperature
ECU_13	F458_FUEL_T	Fuel temperature
ECU_14	F458_EXH_T1	Exhaust gas temperature bank 1
ECU_15	F458_EXH_T2	Exhaust gas temperature bank 2
ECU_16	F458_P_OIL	Oil pressure
ECU_17	F458_FUEL_PR	Fuel pressure
ECU_18	F458_INTK_AIRP	Intake air pressure
ECU_19	F458_BARO_PR	Barometric pressure
ECU_20	F458_MAPPOS	Map position - selected map
ECU_21	F458_TCSTAGE	Traction control stage
ECU_22	F458_LAMBDA1	Lambda 1 value
ECU_23	F458_LAMBDA2	Lambda 2 value
ECU_24	F458_STEER_ANG	Steering angle
ECU_25	F458_ACC_X	Horizontal acceleration
ECU_26	F458_ACC_Y	Vertical acceleration
ECU_27	F458_YAW_RATE	Yaw rate