AiM Infotech

Mercedes C63 AMG

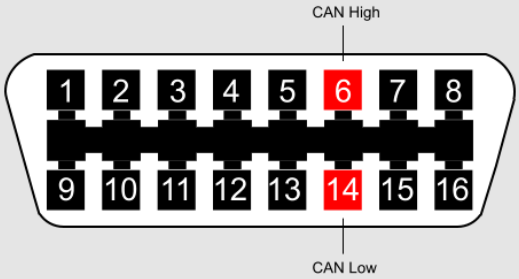
Release 1.00

This tutorial explains how to connect Mercedes C63 AMG to AiM devices. Supported models are:

- C63 AMG from 2011 onwards.

1 Wiring connection

Mercedes C63 AMG is equipped with an OBDII connector. The OBDII plug can be on the steering column, in the central column, on the pedal area or on the left of the steering wheel. **Please note**: according to the international rules the OBDII plug is to be in a 60 cm distance area from the steering column. Connector pinout as well as connection table are shown here:



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

2 AiM Logger configuration

Once the ECU connected to the logger, this one is to be configured as connected to that ECU.

Run Race Studio 2 software and follow this path:

- Device Configuration –> Select the device you are using;
- select the configuration or press “New” to create a new one;
- select ECU manufacturer “Mercedes” and ECU Model “C63_AMG”;
- transmit the configuration to the device pressing “Transmit”.

3
Available channels

Channels received by AiM loggers connected to Mercedes C63 AMG protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	C63_RPM	RPM
ECU_2	C63_WH_SP_FR	Front right wheel speed
ECU_3	C63_WH_SP_FL	Front left wheel speed
ECU_4	C63_WH_SP_RR	Rear right wheel speed
ECU_5	C63_WH_SP_RL	Rear left wheel speed
ECU_6	C63_PPS1	Pedal position sensor 1
ECU_7	C63_PPS2	Pedal position sensor 2
ECU_8	C63_TPS	Throttle position sensor
ECU_9	C63_KICKDOWN	Gear kickdown
ECU_10	C63_ECT	Engine cooling temperature
ECU_11	C63_IAT	Intake air temperature
ECU_12	C63_OILT	Oil temperature
ECU_13	C63_OUT_AIRPRESS	Air pressure
ECU_14	C63_STEER_ANG	Steering angle
ECU_15	C63_STEER_SPD	Steering speed
ECU_16	C63_BRAKE_POS	Brake position sensor
ECU_17	C63_MAP	Manifold air pressure
ECU_18	C63_FUEL_LEVEL	Fuel level
ECU_20	C63_VEH_SPEED	Vehicle speed
ECU_23	C63_GYRO	Vehicle angular yaw speed
ECU_24	C63_LONG	Longitudinal accelerometer
ECU_25	C63_LAT	Lateral accelerometer