AiM InfoTech

CHEVROLET
Camaro

Release 1.00

ECU

1 Models and years

This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.
Supported models and years are:

• Camaro	5 th gen	2012 – 2015
• Camaro	6 th gen	from 2016

2 Wiring connection

These models feature a specific manufacturer protocol based on CAN, accessible through the OBDII plug placed on the left under the steering column. For this installation refer to the following pinout of the OBDII plug and its connection table.

OBDII pin connector	**Function**	**AiM cable**	**AiM color cable**
6	CAN High	CAN+	White
14	CAN Low	CAN-	Blue

3
Race Studio configuration

Before connecting the AiM device to the ECU, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **GM**
- ECU Model: **C7_STINGRAY**

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"GM – C7_STINGRAY" protocol

Channels received by AiM devices configured with "Gm – C7_STINGRAY" protocol are:

CHANNEL NAME	FUNCTION
ECU RPM	Engine RPM
ECU OILP SW	Oil pressure switch
ECU BRK SW	Brake switch
ECU TPS	Throttle position sensor
ECU STEER ANG	Steering angle position
STEER SPD	Steering speed
ECU LAT ACC	Lateral accelerometer
ECU GYRO	Gyroscope
ECU HANDBRK	Hand brake switch
ECU GEAR	Engaged gear
ECU CLUTCH	Clutch
ECU BRK PRES	Brake pressure
ECU SPD RL	Rear left wheel speed
ECU SPD RR	Rear right wheel speed
ECU SPD FL	Front left wheel speed

ECU SPD FR	Front right wheel speed
ECU VEH SPD	Vehicle speed
ECU ECT	Engine coolant temperature
ECU IAT	Intake air temperature
ECU TRASM T	Transmission temperature
ECU OIL T	Oil temperature
ECU OIL P	Oil pressure
ECU RED PW	Reduced power indication
ECU MIL	Malfunction indicator lamp

Technical note: not all data channels outlined in the ECU template are validated for each manufacture's model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.