AiM InfoTech

TOYOTA
GR Supra GT4
From 2020

Release 1.00

ECU

AiM

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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:

- GR Supra GT4   from 2020

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Wiring connection

These models feature a specific protocol based on CAN, accessible through the **Deutsch DTM04-6P** male connector.

"DTM04-6P" conn. pin	Function	AiM cable	AiM color cable
1	Ground	GND	Black
4	V Battery	9-15V	Red
5	CAN+	CAN+	White
6	CAN-	CAN-	Blue

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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: **TOYOTA**
- Model: **GR SUPRA GT4** (Only RS3)

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"TOYOTA – GR SUPRA GT4" protocol

Channels received by AiM devices configured with "TOYOTA – GR SUPRA GT4" protocol are:

CHANNEL NAME	FUNCTION
nEngine	Engine RPM
aSteering	Steering wheel position
nGear	Engaged gear
rThrottle	Throttle position sensor
pBrakef	Front brake pressure
pBrakeR	Rear brake pressure
pOil	Oil pressure
vCar	Vehicle speed
Fuel Used	Fuel used
tCrankcase	Crank case temperature
tOilsump	Oil temperature
tWater1	Water temperature
Twater1 AiM	Water temperature
Press FL	Front left wheel pressure
Temp FL	Front left wheel temperature
Press FR	Front right wheel pressure
Temp FR	Front right wheel temperature
Press RL	Rear left wheel pressure
Temp RL	Rear left wheel temperature
Press RR	Rear right wheel pressure
Temp RR	Rear right wheel temperature

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