AiM InfoTech

FORD – Mustang
From 2015

Release 1.00

1
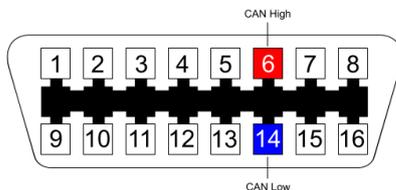# Models and years

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

- Mustang   6th gen   from 2015

2
Wiring connection

These models feature a data communication 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	Pin 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 OBD II plug, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **FORD**
- ECU Model: **MUSTANG 2015**

4
"FORD – MUSTANG 2015" protocol

Channels received by AiM devices configured with "FORD – MUSTANG 2015" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
SpeedFL	Wheel speed front left
SpeedFR	Wheel speed front right
SpeedRL	Wheel speed rear left
SpeedRR	Wheel speed rear right
Gear	Engaged Gear
WaterTemp	Water temperature
AirTemp	Air temperature
AirPress	Air pressure
PedalPos	Pedal position sensor
TxOilTemp	Transmission oil temperature
TPMSLF	TPMS left front
TPMSRF	TPMS right front

TPMSRR	TPMS right rear
TPMSLR	TPMS left rear
IAT	Intake air temperature
ClutchPerc	Clutch percentual

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.