AiM InfoTech

FORD – MSport 22
Fiesta Rally2 Mk2
From 2022

Release 1.00

ECU

1
Models and years

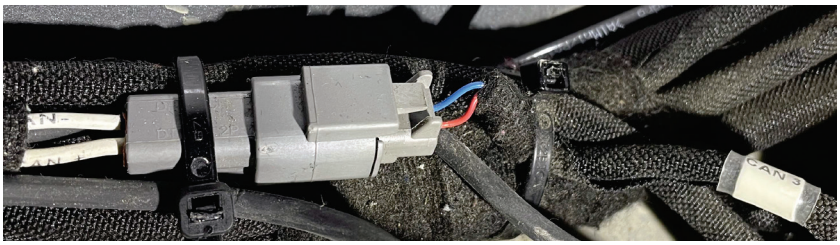
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.
Supported models and years are:

- Ford MSport Fiesta Rally2 Mk2 from 2022

2
Wiring connection

If specifically set by M-Sport, these models feature a CAN data bus accessible to AiM devices through a Deutsch DTM06-2S connector located by/behind the co-driver's foot plate, labelled **CAN3**. It is strongly recommended to refer to a skilled technician to perform this kind of installation. Refer to the following pinout of the CAN3 connector:

CAN3 pin	Pin function	AiM cable
1	CAN High	CAN +
2	CAN Low	CAN -



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: **FORD**
- ECU Model: **MSport 22** (Only RS3)

4
“FORD – MSport 22” Protocol

Channels received by AiM devices configured with " FORD – MSport 22” protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
Vehicle Speed	Vehicle speed
Gear FIA	Engaged gear
Steering Wheel	Steering wheel angle position
Pedal Pos	Throttle pedal position
Brake Press Fr	Front brake pressure
Brake Press Rr	Rear brake pressure
Turbo Speed	Turbo speed
Engine Cool Temp	Engine coolant temperature
Engine Oil temp	Engine oil temperature
Air Charge Temp	Air charge temperature
Exhaust Temp	Exhaust gas temperature
Oil Pressure	Oil pressure
MAP	Manifold air pressure
ALS Cal	Anti lag system calibration

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.