

AiM InfoTech

FORD  
Fiesta Rally3-4

Release 1.00

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# 1

## Models and years

This document explains how to connect AiM devices to the proper vehicle CAN data stream. Supported models and years are:

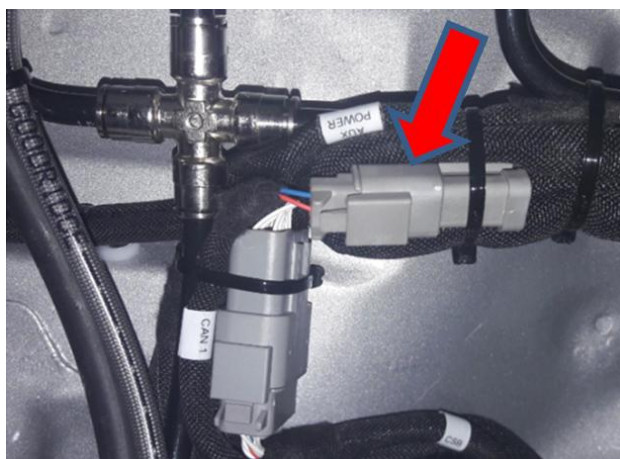
Ford MSport	Fiesta Rally3	from 2021
Ford MSport	Fiesta Rally4	from 2020
Ford MSport	Fiesta R2	from 2019

# 2

## ECU CAN connection

These models feature a CAN1 data bus, accessible to AiM devices through the CAN Break-Out connector (DTM06-2S / DTM04-2P). Refer to the following pinout of CAN1 connector and the relevant pictures with the connectors' location for Rally3 and Rally4 cars:

CAN1 pin nr	CAN1 pin function	CAN1 wire color	AiM cable	AiM wire color
1	CAN Low	Blue	CAN -	Blue
2	CAN High	Red	CAN +	White



## 3

# Race Studio configuration

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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: **Fiesta Rally3-4** (Only RS3)

## 4

# "FORD – Fiesta Rally3-4" Protocol

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Channels received by AiM devices configured with " FORD – Fiesta Rally3-4" protocol are:

CHANNEL NAME	FUNCTION
EngineSpeed	RPM
PedalPosition	Throttle pedal position
StageMode	Anti lag system (Road – NoALS – ALS1 – ALS2 -ALS3)
Gear	Engaged gear
GearVoltage	Gear barrel voltage
Vehicle Speed	Vehicle speed
BrkPressF	Front brake pressure
BrkPressR	Rear brake pressure
Steer Wheel Ang	Steering wheel angle position

**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.