

# Template:FMB6 debug

Document is dedicated for debugging FMB6XY devices.

For successful device debug, make sure that your device firmware version is the latest:

- FMB640 - [00.03.21](#)
- FMB630 - [00.02.77](#)

## FMS

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Usually FMS DEBUG is needed, when certain FMS parameters are not being received on the server.

Steps to resolve FMS parameter issue:

1. Required parameters are configured in FMS I/O section
2. Vehicle is moving or has Ignition ON

<b>FMS</b>	<b>Description</b>
1	Brake switch
1	Wheel based speed
1	Cruise control active
1	Clutch switch
1	PTO state
1	Accelerator pedal position
1	Engine percent load at current speed
1	Engine total fuel used
1	Fuel level
1	Engine speed
1	Axle position
1	Tire location
1	Axle weight
1	Engine total hours of operation
1	Vehicle identification number
1	SW-version supported
1	Diagnostics supported
1	Requests supported
1	High resolution total vehicle distance
1	Service distance
1	Vehicle motion
1	Driver 2 working state

1	Driver 1 working state
1	Vehicle overspeed
1	Driver 1 time rel. state
1	Driver 2 time rel. state
1	Driver 1 card
1	Driver 2 card
1	Direction indicator
1	Tachograph performace
1	Handling operation
1	System event
1	Tachograph vehicle speed
1	Engine coolant temperature
1	Ambient air temperature
1	Driver 1 / 2 identification numbers
1	Fuel rate
1	Instantaneous fuel economy
1	At least one PTO engaged
1	High resolution engine total fuel used
1	Combined Vehicle Weight
1	Brake Pedal Position
1	AdBlue

## Tachograph

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