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easYgen-3000XT with J1939 speed bias to ECU of FPT/IVECO model "MD1"

Justin Schneider - 2026-07-27 - [communication](#)

ECU brand: FPT / IVECO

ECU model: MD1

Here speed bias through J1939 communication works only with easYgen-3000XT having version 2.12 or higher

easYgen-3000XT, with version **2.12** is prepared to have an additional ECU selection called "**Standard C**"

This does include the mandatory Checksum and Counter values for that kind of ECU.

(The J1939-Standard does not state the values as mandatory, but the MD1 actually does!!!)

1. Update your easYgen-3000XT to version equal or higher than >>2.12-1<<
Firmware files available here: <https://wss.woodward.com/manuals/Support/Forms/AllItems.aspx>
2. Set parameter at "Configure Application -> Configure Controller -> Frequency controller" as follows...

5507 Frequency control

PID analog

3. Set parameters at "Configure Interfaces -> CAN 2 -> J1939" as follows...

J1939

15166 J1939

On

15102 Device type

Standard C

Reboot device after
changing this
parameter!

10419 REBOOT

No

J1939 interface

15106 J1939 own address

39

15107 Engine control address

0

15103 SPN version

Version 1

15127 ECU remote controlled

On

4. Finally re-boot the easYgen, see Parameter #10419 above.