

## Product Information

# DetCon2

## Replacement of DenEdit Parameter file to handle 2 knock sensors at MAN E2676LE202 gas engine

For the engine MAN E2676 gas engine series it is possible to install two knock sensors on the motor block for knock detection.

The parameter file for the DetCon2 previously delivered for this purpose will be replaced by an updated version with immediate effect. It is strongly recommended to check the file on existing installations and replace it if necessary.

The parameter file is supplied on a USB stick with the product starting from **23.11.2020** or available now on MOTORTECH homepage.

[www.motortech.de/infocenter/download-center/software.html](http://www.motortech.de/infocenter/download-center/software.html)

It is mandatory that the knock detection is tested at the engine on site.

Please see further details on commissioning in the DetCon2/20 Manual which is delivered with each device on USB-stick.

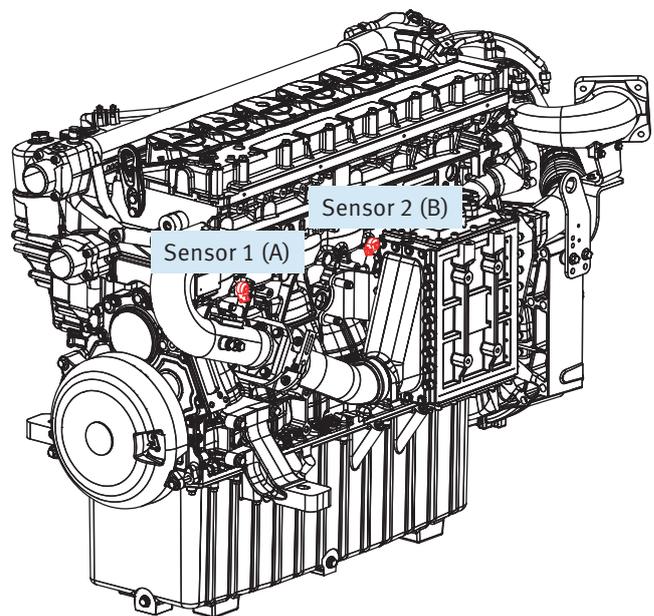


Figure 1: Knock sensor positions E2676

### New parameter file

- MAN2676LE202\_engine block.dep

### Old parameter file

- MAN2676LE202\_Block-OK.dep

**DetCon2**  
MOTORTECH DETONATION CONTROL SYSTEM

### Required software

DenEdit Version 1.6.1.2 (Device version 2. <sup>5</sup>). The \*.dep is delivered on a USB Stick a part of DetCon2/20 scope of supply.

### DenEdit-Software required settings:

It is necessary that each engine is checked in the settings when mounting the DetCon2/20. For fine tuning of the settings the knocking behaviour of the motor should also be checked. Especially the outputs options have to be adapted to the specifications on site:

- Ignition Reduction Limit
- Immediate Stop Limit
- Decrease Ramp
- Timing Reduction Gain
- Delay after Load Reduction

### DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

## Product Information

### E2676LE202 Natural gas

#### Mode settings

#### Knocking parameter settings

#### Gain settings

#### Output options (settings)

## Article numbers

Quantity	P/N	Description
2 pcs	43.20.001	Detonation sensor, without lead, 2 pole
2 pcs	43.30.004-60	Detonation sensor lead, 2 pole, 180°, 60 ft
1 pc	43.00.002	DetCon2 Control unit
1 pc	43.20.002	ISU Ignition sensor unit (optional required when no MOTORTECH MIC controller is installed)

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