

Service Bulletin

Types | General

Subject | EMS 3000

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GE Jenbacher

New Engine Control EMS 3000

Until 1996 Jenbacher Engines had been equipped with engine control EMS 2000 in series. Since spare parts for this unit are not available any longer, a replacement unit had to be developed.

During the development we kept an eye on taking over all features of EMS 2000 and integrating practical functions additionally. We attached great importance to replicating the operation mode of EMS 2000 as closely as possible.

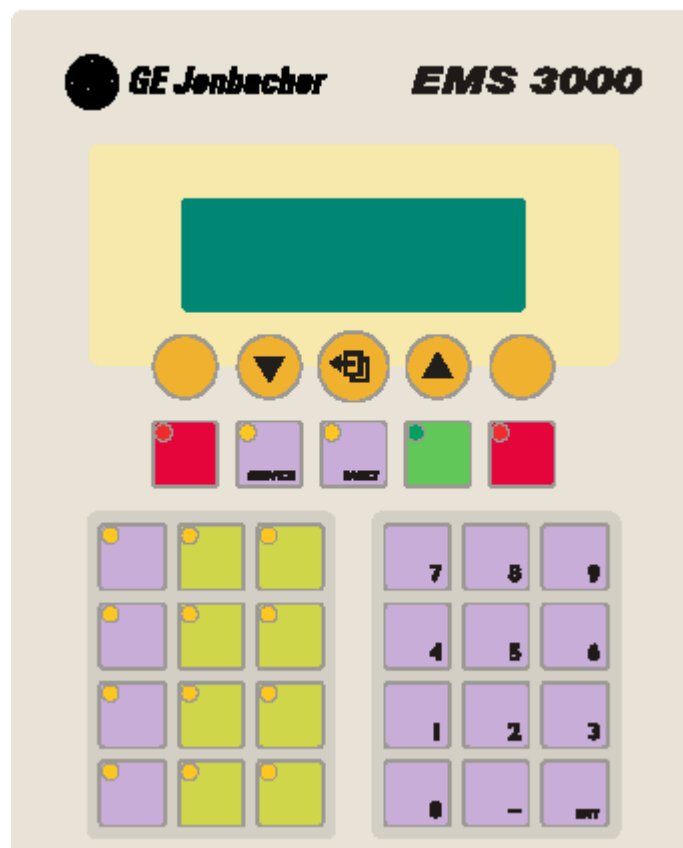
This replacement type, the EMS 3000, has now been released and already been tested at our pilot engine for more than 5000h. As of next year this innovation will come to the market.

Functioning | Operation:

Regarding functioning and operation, the EMS 3000 follows the previous type closely.

This means at the one hand a total compatibility, what makes replacement quick and easy.

At the other hand, due to the retained operation mode, no extra training effort in parameter setting and operation is necessary.



New Features:

EMS 3000 is state of the art, as algorithms of Dia.ne XT have been integrated. For instance new features are:

- Misfiring detection and following reduction of load (misfiring integration)
- Regulator for the bypass-valve (optionally)
- Extended parameters for new functions

Scope of Supply:

There is a complete EMS 3000 - replacement kit. This kit contains controller and software, as well as all necessary equipment:

- Control unit
- Input and output module
- Installed software
- Driver
- Mounting frame
- All required auxiliary material

Documentation is also included within this part number: Circuit diagram substitution sheets and a complete circuit diagram after modification.

Available from January 2004: Engine Control EMS 3000

Part number for replacement kit: 399746