

## SERVICE INFORMATION |

**Distribution:**

GEJ-Service

Subsidiaries-Service

Service Partner

024

**No.**

03.02.04

**Date**GE Jenbacher  
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### Supposed knocking failures at KLS 98 due to software defect

Our Technology – Electronics department located a possible program defect in our engine control system (RPS). This program defect occurs in connection with the knocking control system KLS 98 and shows sporadically occurring, inexplicable engine shut downs due to „knocking maximum“.

Background: At engines with KLS 98 (mainly J420) certain unfavourable circumstances may cause a data overflow. The more knocking incidents a cylinder shows with its combustion, the higher is the probability of a data overflow. The defect is supposed to occur every 3 weeks roughly, full (100%) knocking will be indicated and the engine shut down immediately.

Remedy: On occurrence of this phenomenon a software upgrade is necessary.

A corresponding program correction was able to redress the failure clearly; modules for a software upgrade have already been prepared for both, Dia.ne and Dia.ne XT. With the latest program versions, RPS 7.33 (Dia.ne) resp. RPS 2.04 (Dia.ne XT) this defect has already been redressed. For this no software update is necessary at quoted and higher versions.

Please contact your responsible Product Support Manager, if an upgrade is needed.

Herbert Sonnerer

Service Department

GE Jenbacher