

## **EGS TE Learn Function**

# EGS TE Learn Function

## Issue

The TE Learn function does not work well at all loads with a fixed GQCL gain.

## Description

The TE Learn tends to become unstable at some load settings, making it unusable for these loads, unless the CCor Gas Quality Closed Loop gain value is adjusted each time instability is encountered. The effort of adjusting the gain defeats the purpose of the auto-learn capability.

## Affected Units

These Woodward part numbers:

- 9906-707 Revision "NEW", A & B
- 9906-708 Revision "NEW" & A
- 9906-712 Revision "NEW" & A
- 9906-713 Revision "NEW" & A
- 8923-1303 Revision "NEW", A & B
- 9906-724 Revision "NEW" & A
- 326-2803 Revision "NEW" & A

## Corrective Action

An improved TE learn function has been developed and will be released in software P/N 5418-2445 Revision C, which will drive revisions to the above products.

## Customer Action

This issue only affects customers during commissioning of their engines. Engines already in service are not affected.

During commissioning, the VE/TE learn function can be used as described in the manual to fill in the VE table. However, if the learn function becomes unstable, the TE table values generated will be incorrect. At loads where this occurs, correct values must be entered into the TE table manually instead, as described in the manual.

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