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Distribution list Jenbach, Subsidiaries, Service Providers		
Service Technician Instruction	ST-187	13 May 2016

Engine type **2, 3, 4 & 6**

Subject **MIC950 ignition system blocked after a failed start attempt
DIA.NE software task update via the Excellence Center**

Service Technician Instruction ST-187 relates to the blocking of the MIC950 ignition system installed on engine types 2, 3, 4 and 6, which can occur after an unsuccessful start attempt. This error can be resolved by running a DIA.NE software task update.

AFFECTED ENGINES / SCOPE OF THIS BULLETIN

This software task update affects all engines with an IC900 ignition system and a DIA.NE Blue 1CPU control system converted to a MIC950 ignition system.

NEED FOR ACTION

As there is no urgent need to take any action, the DIA.NE software task update is recommended during the next scheduled maintenance.

DESCRIPTION OF THE CONTENT

If the engine fails to start and run up on the first attempt, the second attempt will also fail since the ignition system expects a renewed activation of the ucMode at engine standstill, which however the original software does not perform.

SOLUTION

This problem can be rectified by running a software task update on the DIA.NE Blue 1CPU. If the software task update is not carried out yet, the failed start attempt can be reset by switching the operation mode selector switch or power supply for the ignition system OFF and then ON again.

PROCEDURE

- Request DIA.NE software task update via Service Now Case from the Excellence Center
- Shut down the engine in accordance with Technical Instruction TA 1100-0105 and protect it against unauthorized restarts, observing TA 2300-0010
- Observe the safety instructions in TA 2300-0005
- Run the DIA.NE software task update

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RELEVANT DOCUMENTS

When working on GE Jenbacher modules, all applicable local regulations must of course be observed in addition to our documentation. In relation to this Service Technician Instruction we stress the fact that the following documents must also be observed:

- Technical Instruction TA 1000-0525: Hardware documentation for B&R SYSTEM 2005 with programming software Automation Studio (2.x)
- Technical Instruction TA 1100-0105: Engine shut-down
- Technical Instruction TA 1100-0111: General conditions – Operation and maintenance
- Technical Instruction TA 1502-0073: MIC940/MIC950 ignition systems
- Technical Instruction TA 2110-0020: Initial commissioning and modifications of software in installations and their documentation
- Technical Instruction TA 2300-0005: Safety regulations
- Technical Instruction TA 2300-0010: Guidelines for using the LOTO kit
- Maintenance Work W 0303 M0: Ignition

REVISION CODE

INDEX	DATE	DESCRIPTION / REVISION SUMMARY
01	May. 13, 2016	First version of this document

Table 01: Revision history