

Service Instruction # 1019-0004

Subject: Dual EIS with Backup Battery Installation Requirements

Date: 11/22/2024

This service instruction supplements the EIS-41000 Series Installation Manual, document # IM EIS-41000 Revision 16 dated 12/14/2022, and the EIS-61000 Series Installation Manual, document # IM EIS-61000 Revision 18 dated 12/14/2022. The purpose of this service instruction is to clarify the requirements and limitations for installing Dual EIS using a backup battery as the backup power source.

The electrical power requirements for engines equipped with dual electronic ignition systems require a separate source of backup electrical power that is independent of the primary source. A backup battery is an option for a separate source of backup electrical power.

In order to use the TCW Technologies STC# SA04400NY as a backup battery for a separate source of backup electrical power for engines with dual Electroair electronic ignition systems (STC# SA02987CH or SA03286CH), the Electroair's Backup Battery System Panel STC# SA04586CH must be installed. No other devices or loads may be connected to the backup battery when it is used as a back-up battery for an EIS.