

PRODUCT AWARENESS BULLETIN

FROM ROSENBAUER

BULLETIN NUMBER: 1006

QUOTE WRITER NUMBER: 27-10-4500

DATE: 9-12-08

THIS BULLETIN INCLUDES INFORMATION ABOUT A NEW OR EXISTING OPTION OR FEATURE THAT IS AVAILABLE FOR PRODUCTION.

DESCRIPTION: Engine/Pump Governor - Running Change

PLANT: Rosenbauer - Central

SPECIFICATION: Apparatus shall be equipped with a Class1 "Total Pressure Governor" (TPG) that is connected to the Electronic Control Module (ECM) mounted on the engine. The "TPG" will operate as a pressure sensor (regulating) governor (PSG) utilizing the engines J1939 data for optimal resolution and response when supported by the engine manufacturer. If J-1939 engine control is not supported, then analog remote throttle control shall be provided by the TPG.

The TPG shall utilize control algorithms that minimize pressure spikes during low or erratic water supply situations. The TPG shall be backwards compatible to any engine that supplies J1939 RPM, Temperature and Oil Pressure information providing the ability to maintain a consistent fleet fire-fighting capability and reduce operator cross training and confusion.

The TPG shall have the ability to use either a 300 PSI or a 600 PSI transducer for best operation. PSG system diagnostics shall be built in and accessible by technicians. Programmable presets for RPM and Pressure settings shall be easily configurable.

The straightforward menu structure shall allow the "TPG" configuration to match existing apparatus operation as closely as possible.

The "TPG" shall also include indication of engine RPM, system voltage, engine oil pressure and engine temperature with audible alarm output for all. The "TPG" uses the J1939 data bus for engine information, requiring no additional sensors to be installed.

The TPG shall use J1939 broadcast warnings for the alarm as a standard and allow the "user" to select warning values if "SOPs" dictate.

This is a running change. This Class 1 TPG will be used in place of the Class 1 Captain Governor/Enfo IV package.