



OPERATOR MANUAL TIGERCAT EQUIPMENT

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DO NOT ARM WITHOUT READING THE ARMING SECTION

Arming instructions are contained in the installation manual.
Disarming and arming should only be performed by trained technicians.

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Failure to follow service requirements

Service inspection schedules must be followed to ensure proper system operation. Failure to properly maintain the suppression system will void the manufacturer's warranty. By using this manual you hereby confirm and agree for the benefit of Fogmaker and its affiliates that any failure to fully and timely comply with the requirements and instructions set forth in this manual will shift all liability related to the equipment and its maintenance (or lack thereof) to the entity responsible for servicing the equipment and its agents and subcontractors. In addition, the purchaser of this equipment has agreed to indemnify, defend and hold harmless Fogmaker from certain claims and liabilities, including, without limitation, any claim or liability as a result of, or related to, the maintenance, operation, failure and/or use of the equipment.

All services in this manual require subject specific training. Performing any services covered in this manual without training and current certification may result in personal injury and void any warranties on the serviced components.

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Overview

This owner's manual is not to be recognized as a detailed Operation, Installation, or Service Manual. Additional manuals can be obtained by contacting Fogmaker North America.

System information

This vehicle is protected by a Fogmaker Automated Suppression System consisting of a loss of pressure detection system including a manual actuation button located in the cab near the operators exit, one or more Piston Accumulators (PA), a distribution network with nozzles covering the engine, hydraulic pumps and other hydraulic components, plus an operators panel to inform the operator of the systems status plus activate an engine shutdown sequence when a thermal event is detected.

The pressure in the detection system holds a valve on the top of the PA closed. If the detection tube is subjected to a temperature at or above 375° F, the tube will rupture and the loss of pressure will allow the PA to discharge the water based suppressant through nozzles in a mist of very fine droplets.

The manual actuation button also works by dropping the pressure in the detection system causing the suppressant to discharge.

The PA is a cylinder with a nitrogen backed piston that forces the suppressant into the discharge network regardless of its orientation which is important in the event of a vehicle rollover.

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