



# OPERATOR MANUAL TIGERCAT EQUIPMENT

Manual Part Number: FMD-613-001

Revision Date: 04/2019

epcatalogs.com

---

## **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.

*All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of Fogmaker North America, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law. For permission requests, write to the address below.*

## 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.

Fogmaker North America  
101 Gordon Drive  
Exton, PA 19341  
MAIN: 610-265-3610  
FAX: 610-265-3610  
EMAIL: [info@FMNA.net](mailto:info@FMNA.net)  
WEBSITE: [www.FMNA.net](http://www.FMNA.net)

# Contents

Overview .....	4
System information .....	4
System alterations .....	5
Service requirements .....	5
System Function .....	6
Operator .....	7
Electronic Actuation Option .....	10
Arming The System .....	11
Disarming The System .....	15
Actions After Suppressant Discharge .....	17
Effect of Suppressing .....	18

# 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.

[Buy now](#)

[Tigercat Fogmaker Operator Manual PDF](#)

[With Instant Download](#)