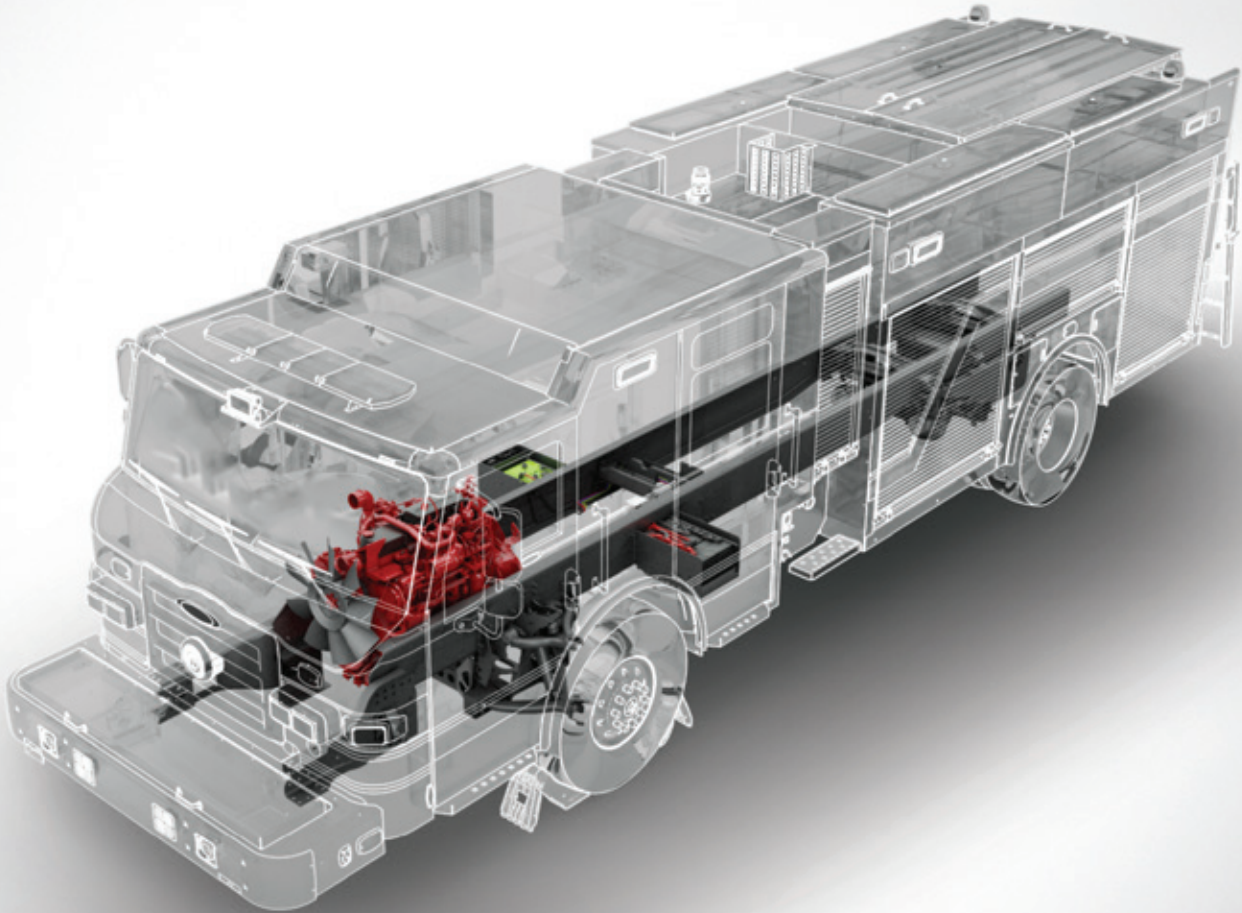


# IDLE REDUCTION TECHNOLOGY



# LESS NOISE. FEWER EMISSIONS. MINIMAL FUEL. AND NO ENGINE POWER.

Perform on and off the scene, in open and closed spaces, with less wear on firefighters and the truck. Pierce® Idle Reduction Technology pairs automatic diesel engine controls with high-performance lithium-ion and lead-acid batteries.

Power NFPA 1901 required devices, user-defined mission critical on-scene loads, and HVAC climate control with the main chassis engine shut down with one hour of run time at 150 amps. Featuring built-in safety interlocks and Pierce Command Zone™ auto-start for battery power monitoring and engine re-start, departments can work more safely and efficiently without a second thought.

Pierce Idle Reduction Technology is an option on new apparatus and available as an aftermarket solution.



Lithium-ion batteries



Command Zone screen

## Components

Lithium-ion batteries for performance, lead-acid batteries for vehicle startup, and Pierce Command Zone Multiplexed Electrical System for control

## Touchscreen Display

Command Zone required to activate or deactivate system

## Safety Interlocks

Automatic Idle Reduction System activates when the following conditions are satisfied for 5 minutes:

- Cab is lowered & locked
- Battery & ignition are on
- Vehicle is running
- Pump is not engaged
- Chassis park brake is set
- Transmission is in neutral

## Battery Charging

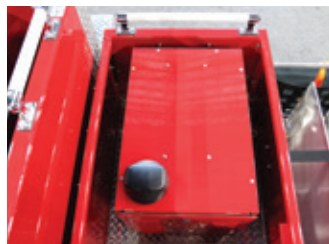
Via chassis while operating or dedicated 30 amp power drop at the station

## Efficiencies

- Less engine wear
- Lower fuel & DEF fluid usage
- Reduced soot buildup from idling
- Less frequent service intervals
- Lower total cost of ownership

## Emissions Control

Zero chassis emissions when operating under lithium-ion power



Aftermarket unit



Aftermarket switch panel

## Aftermarket Solution

The system can be added to vehicles already in service with a unit that is mounted in the cargo area.

Instead of Command Zone, the system is controlled by a switch panel in the cab.

[www.piercemfg.com](http://www.piercemfg.com)



Pierce Manufacturing Inc., An Oshkosh Corporation Company  
P.O. Box 2017, Appleton WI 54912-2017 USA

Specifications, descriptions, and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice.

Illustrations may include optional equipment and accessories and may not include all standard equipment. All measurements are nominal values.

© Pierce Manufacturing Inc., Pierce and the Pierce logo are registered trademarks; Command Zone is a trademark; and Perform. Like No Other. is a service mark of Pierce Manufacturing Inc., Appleton, WI. Printed in U.S.A.

All other trademarks are the property of their respective owners.