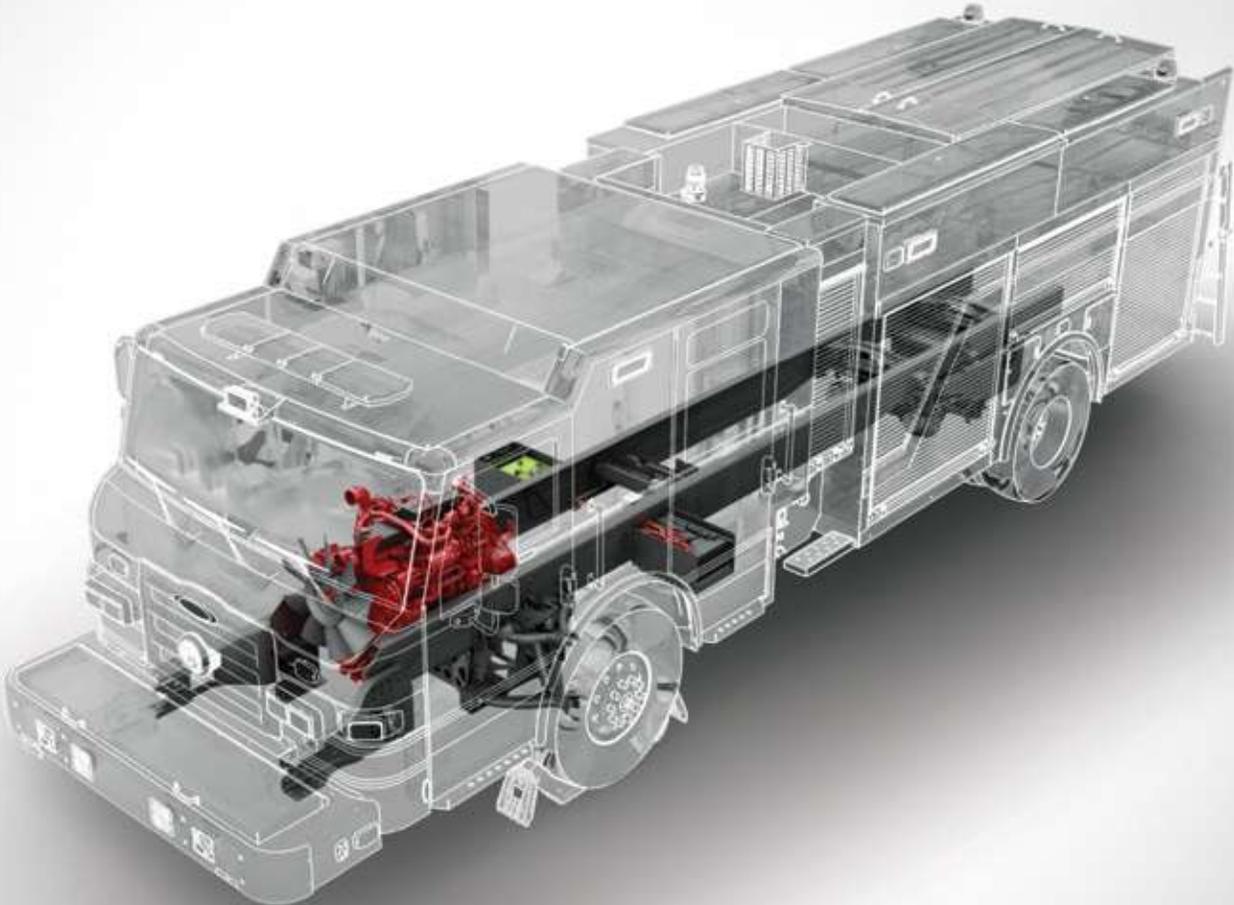


IDLE REDUCTION  
TECHNOLOGY



# 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 batteries 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.



Lithium-ion batteries



Command Zone screen

## Components

Lithium-ion batteries for performance, lead-acid batteries for vehicle startup  
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

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



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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.

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