

AIR INTAKE HEATERS

Zerostart®

On-board, standalone system for reliable cold starts and emissions control that works without driver intervention.

BENEFITS

- Quick and reliable starts in cold weather
- Uses 5-10 times less battery power than "cold cranking"
- Convenient; purchase, storage and replacement of ether cylinders is not required
- Reduced "white smoke" at engine start-up
- Durable design
- Customized configurations limit exposure to outdoor elements and road vibration

WHERE TO USE

- Engine and truck OEMs (data codes are released at the Truck OEMs) for a variety of vehicles including tractors, trucks and construction equipment



SPECIFICATIONS

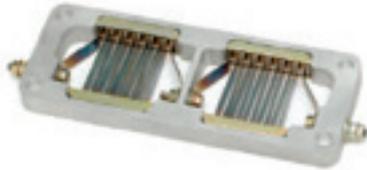
- 12 or 24 VDC
- **Preheat mode:** Combustion air is preheated to the temperature needed for fuel ignition during cold starts. Typical start times are between 2 – 10 seconds depending on ambient temperature
- **Post-heat mode:** The heater is energized after starting to reduce white smoke or hydrocarbon emissions
- Engineered with OEMs to integrate with the engine ECM

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AIR INTAKE HEATERS

CUSTOM ENGINEERED SOLUTIONS



The product photos shown indicate the most frequently ordered engine models. Other engine models are available upon request.