

Heavy Truck Dealers Look to Save Federal Excise Tax EPA lists Qualifying Reduction Devices

Dealers are looking for ways to save money. Idling reduction devices and advanced insulation are a couple of technologies that allow you to do just that.

During 2008, Congress passed the Energy Improvement and Extension Act (EIEA), and a significant component of the Act related to the **exemption from federal excise tax** of “certain idling reduction devices and advanced insulation”.

How does this apply to your dealership?

Federal excise tax is reported on form 720 on a quarterly basis. The dealer is assessed a retail tax of 12% of the sales price on the first retail sale of each unit. Idling reduction devices and insulation that has an R value of at least R35 per inch can be excluded from the sales price subject to the retail excise tax.

How do I know which devices are included?

The EPA, working with the Secretary of Transportation and the Secretary of Energy, has released a listing of such devices that reduce the idling of tractor motors at motor vehicle stops when those vehicles are stationary and temporarily parked.

An idle reduction technology is defined as the installation of a technology device that:

1. Is affixed to a tractor;
2. Is Designed to provide services (such as heat, air conditioning, and/or electricity) to the vehicle or equipment that would otherwise require the operation of the main drive engine while the vehicle or equipment is temporarily parked or remains stationary; and
3. Reduces the unnecessary idling of such vehicle or equipment.

Outlined below is a complete list identified by the EPA according to the technology utilized by the companies that furnish them (NOTE: additional companies and devices will be added as those companies submit their requests to do so).



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The Dixon Hughes Dealer Services Group | March 2009

Eligible Products for the Federal Excise Tax Exemption under the Energy Improvement and Extension Act of 2008

Auxiliary Power Units/Generator Sets

- Aux Generators Inc. / *Idle Hawk*
- Auxiliary Power Dynamics, LLC / *Willis APU*
- Black Rock Systems / *Black Rock*
- Carrier Transicold / *ComfortPro APU*
- Centramatic / *Centramatic APU*
- Comfort Master / *Comfort Master*
- Cummins / *ComfortGuard*
- Diamond Power Systems / *Diamond Power Systems*
- Double Eagle Industries / *Gen-Pac*
- Dunamis Power Systems APU
- E-Z On APU
- Flying J Inc / *Cab Comfort System*
- Frigette Truck Systems / *APU*
- Frigette Truck Systems / *Gen Set 1*
- Frigette Truck Systems / *Gen Set 2*
- Gates Corporation / *Cab Runner*
- Idle Solutions APU
- Idlebuster / *Idlebuster*
- Kohler / *3APU*
- Kohler / *7APU*
- Kool-Gen / *KG-1000*
- Mechron Power Systems / *CCS Lightning Cab Comfort System*
- Navistar / *Fleetrte APU*
- Navistar / *MaxxPower APU w/HVAC*
- Peterbuilt / *Comfort Class*
- Pony Pack, Inc. / *Pony Pack*
- Power Technology Southeast / *PowerPac*
- RigMaster Power Systems, Inc.(Div. of International Power Systems Inc.) / *Rig Master Power*
- Star Class / *GEN-STAR 4500*
- Star Class / *GEN-STAR 6000*
- Thermo King/ *TriPac*
- TRIDAKO Energy Systems / *Power Cube*



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- Truck Gen / UCT 2-5.5
- Truck Gen / UCT 1-3.5
- Truck Gen / UCT-APU
- Volvo / 971-003/4 -(optional 82A-B1X)

Battery Air Conditioning/Heating Systems

- AuraGen / Inverter / Charger System
- Bergstrom, Inc./ NITE
- DC Power Systems APU/AC
- Dometic Corporation / Dometic
- Driver Comfort System / Driver Comfort System
- Freightliner Cascadia Park Smart System
- Glacier Bay / Climacab
- Idle Free Systems / Reefer Link System
- Kenworth Truck Company / Kenworth Clean Power
- Navistar/Bergstrom / 12V Aux No-Idle HVAC
- Paddock Solar / Paddock Solar
- Peterbuilt / Comfort Class System
- Safer Corporation / VIESA
- Sun Power Technologies / Sun Power
- Volvo / 971-001/2

Fuel Operated Heaters

- Automotive Climate Control (ACC) / Fuel Fired Heater (air-to-air) FFHD 2
- Espar / D1LC
- Espar / D3LC
- Espar / Airtronic D2
- Espar / Airtronic D4
- Espar / Hydronic 5
- Espar / Hydronic 8-10-12
- Teleflex A2
- Teleflex A4
- Teleflex X45
- Volvo 41-11
- Webasto / Air Top 2000
- Webasto / Air Top 3500



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- Webasto / *Air Top 5000 ST*
- Webasto / *DBW 2010*
- Webasto / *DBW 2020/300*
- Webasto / *NGW 300*
- Webasto / *Scholastic Heater*
- Webasto / *TSL 17*
- Webasto / *Thermo 50*
- Webasto / *Thermo 90S*
- Webasto / *Thermo 230/300/350*

Shore Connection Systems

- Comfort / *Duo-Therm heat pump*
- Freightliner's Shorepower System
- Phillips and Temro Industries / *Cab Power 8500633*
- Shurepower, LLC / *Shurepower*
- Teleflex, Inc. / *CCU Shore Power*
- Volvo 5H-A1 / *120 V Shore Power Kit*
- Volvo LN-A1 / *Inverter Charger Kit*
- Xantrex Technology / *TRUCKPOWER Inverter/Charger & Cab*

Thermal Storage Systems

- Autotherm Division Enthel Systems, Inc / *T-2500 Energy Recovery System (ERS)*
- Webasto / *BlueCool Truck*

IN CLOSING

We hope that you have found this listing of devices that qualify for the exclusion from the federal excise tax to be helpful. Please remember to consult with your [tax advisor](#) should you have any questions or need additional information on the EIEA of 2008.

For additional information regarding the Dixon Hughes Dealer Services Group, please contact us at dsg@dixon-hughes.com or visit us on the web at www.dixon-hughes.com/dsg.

About the Dixon Hughes Dealer Services Group

The Dealer Services Group of Dixon Hughes, one of the nation's top 20 accounting firms, has over 135 dedicated professionals working exclusively with some of the largest heavy truck and automobile dealerships across the country. Providing our clients with industry thought leaders in our Assurance, Tax and Risk Service Groups, we consult on best practices to help maximize efficiencies, decrease costs and understand risk management. Dealerships need an independent CPA firm to provide an objective view to take their business to the next level. At Dixon Hughes, we deliver on both sides of the service equation. A fact you might find a plus.



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