

NEWS



Manufacturers of Emission Controls Association

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MECA Releases Diesel Retrofit Sales Figures for 2007

Washington, D.C. – The Manufacturers of Emission Controls Association (MECA) today released the results of a survey summarizing the total number of diesel retrofit devices sold in the United States by MECA member companies in 2007. According to the results, the total number of diesel retrofit devices (for both on-road and off-road diesel engines) sold in the U.S. (including California) by MECA member companies in 2007 was 35,917. Of this total, approximately 45 percent were diesel oxidation catalysts (DOCs) and 31 percent were diesel particulate filters (DPFs) (includes both passively and actively regenerated filters). In addition, 5,751 retrofit closed-crankcase filters were sold in the U.S. by MECA member companies in 2007. The survey also tallied diesel retrofit sales figures for the years 2001 to 2006 – the cumulative total of diesel retrofit devices sold in the U.S. by MECA members during this time period was 85,176.

“Over the past several years, diesel retrofit programs in the U.S. have successfully demonstrated the ability of retrofit technologies to significantly reduce unwanted emissions from both on-road and off-road diesel vehicles at reasonable cost and without jeopardizing vehicle performance. These sales figures reflect this success, as well as the commitment of the emission control technology industry to developing, optimizing, and commercializing these retrofit technologies,” said MECA’s Executive Director, Joseph Kubsh.

MECA expects sales of diesel retrofit devices to increase over the coming years as more funding becomes available at both the federal and local level to reduce emissions from in-use diesel vehicles. In particular, the U.S. Environmental Protection Agency (EPA) received \$49.2 million from Congress in fiscal year 2008 to fund clean diesel projects through the agency’s National Clean Diesel Campaign. This amount is considerably more than the \$12 million appropriated to EPA in FY 2007. And EPA is expected to receive \$49.2 million again in FY 2009 through a continuing budget resolution. In California, the Air Resources Board’s pending

in-use on-road diesel vehicle regulation and adopted in-use off-road diesel vehicle regulation are expected to generate significant additional demand for diesel retrofit devices over the next few years.

“As the legacy diesel fleet continues to grow, the need to reduce emissions from these vehicles will also grow. Emission control technology providers have invested a significant amount of resources to bring verified diesel retrofit products to the marketplace. The industry continues to look forward to working with fleet owners and other stakeholders to make heavy-duty diesel vehicles and equipment as clean as possible,” said Kubsh.

The use of diesel retrofit technology is a cost-effective means to reduce emissions of particulate matter (PM) from existing, heavy-duty diesel vehicles and equipment. Diesel particulate filters, flow-through filters, diesel oxidation catalysts, and closed-crankcase filters are proven PM emission reduction technologies. Wall-flow DPFs can reduce PM emissions by up to 90 percent or more, flow-through filters are capable of reducing diesel PM by 50 percent or more, and DOCs can reduce PM emissions by 25 percent or more depending on the application. Closed-crankcase filters can reduce PM emissions from an engine’s crankcase (which in some cases can directly affect in-cabin air quality) by 90 percent or more.

Emission control technology manufacturers have also verified retrofit technologies that combine PM and NOx reduction devices to assist efforts in reducing smog-related emissions from existing on-road heavy-duty vehicles. MECA expects that these manufacturers will be broadening the availability and range of retrofit technology systems that combine PM and NOx reductions over the next two years.

For more information on diesel retrofit technologies, go to MECA’s diesel retrofit website at: www.dieselfetrofit.org.

Founded in 1976, MECA is a national association of companies that manufacture a variety of mobile source emission control equipment for automobiles, trucks, buses, and off-road vehicles and engines, as well as stationary internal combustion engines. For more information on exhaust emission control technology, please visit MECA’s web site at: www.meca.org.

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