



For information, contact: (949) 727-3727 ext. 3091

Fact Sheet

ATV MANUFACTURERS WORK TO FURTHER REDUCE ALREADY LOW ATV EMISSIONS

ATV Emissions

While ATV emissions are a tiny fraction of the total emissions inventory and are not significant contributors to air pollution, ATV manufacturers are committing significant resources to minimize any ATV emissions into the environment. U.S. Environmental Protection Agency (EPA) estimates indicate that ozone precursor emissions (HC + NO_x - the smog forming emissions) from ATVs in 2000 were less than 0.25 percent of the total man-made emissions inventory. Similarly, the emissions of particulate matter from ATVs were less than 0.15 percent of the total emissions inventory.

National Emission Standards

ATV manufacturers are working closely with the U.S. Environmental Protection Agency (EPA) in the development of national emission standards.

The EPA recently finalized these national ATV emission standards. The standards include stringent controls on exhaust emissions and emissions from evaporation of fuel ("evaporative emissions") in the fuel tank and fuel system. The EPA regulations apply to model year 2006 and later ATVs, and thus will apply to products reaching dealers in calendar year 2005.

EPA estimates that the new emission standards will reduce the lifetime exhaust emissions of hydrocarbons (HC) and oxides of nitrogen (NO_x) by over 85 percent. HC and NO_x are the emissions that are ozone precursors that form smog. Consistent with

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these dramatic reductions, EPA also estimates that the total exhaust HC and NOx emissions inventory from all ATVs will be reduced by over 85 percent when the new ATVs are fully phased-in. Similarly, the emissions inventory of particulate matter (PM) from ATVs will also be reduced by over 89 percent.

ATV Manufacturer's Commitment

ATV manufacturers have been working diligently to reduce ATV emissions by developing new engine designs and the application of new technology. To meet the new emission standards, ATV manufacturers are eliminating two-stroke ATV engines, redesigning four-stroke ATV engines, and installing low-permeation fuel tanks and hoses. EPA estimates the cost of producing compliant ATVs will exceed \$40 million in model year 2006 alone. These costs will increase annually as the ATV emission standards are implemented and are projected by EPA to exceed \$60 million for model year 2010 alone.

The Specialty Vehicle Institute of America[®] (SVIA) is an information source about the all-terrain vehicle industry. SVIA provides information on ATV standards as well as promoting model state legislation on ATV riding. It also serves as a liaison with state and federal agencies on ATV training and their influence upon the environment. Membership is open to all corporations regularly engaged in the business of manufacturing, importing or wholesale distribution of ATVs in the United States. SVIA was formed in 1983 as a national not-for-profit trade association and is based in Irvine, California. Its members include AlphaSports, Arctic Cat, Bombardier, Honda, John Deere, Kawasaki, Suzuki and Yamaha.