



ALUMINUM NEWS

Aluminum Helps Automakers Reach CAFE Standards



A recent article from Massachusetts Institute of Technology's *Technology Review* outlined President Obama's executive order to speed the way to reduction of gasoline consumption and carbon emissions. According to MIT professor, John Heywood, reducing the weight of vehicles by using lightweight aluminum can boost fuel efficiency in addition to reducing CO₂ emissions.

ALTG Chairman Speaks with *Automotive Design & Production*

In a recent interview with *Automotive Design & Production*, The Aluminum Association's Auto and Light Truck Group Chairman, Buddy Stemple, shared his thoughts on the steady strides automotive aluminum has made towards becoming a now crucial element of 21st century vehicles. Stemple comments on aluminum's increased importance as automakers continue to integrate more into tomorrow's safer, greener and better-performing automobiles.

How Can Aluminum be Strong Enough for a Car? Progress.

Last month, Audi sponsored inserts in *USA Today's* inauguration issue, tying in the theme of automotive progress with that of the new presidential administration. The insert touted aluminum as a marketing tool, and highlighted the progress that automotive aluminum has made to improve safety, strength and agility while also reducing vehicle weight.



Aluminum's Advantages Presented at SAE Government/Industry Meeting

ALTG executive committee member, Randall Scheps, spoke at this year's Society of Automotive Engineers Government/Industry Meeting in Washington, D.C. Scheps presented extensive data on aluminum's advantages to automotive safety and fuel efficiency.

BMW Continues Engineering with Aluminum

BMW continues its use of high-strength, low-weight aluminum with its next-generation 5 Series, debuting in 2011. It will feature a slightly longer wheelbase than its predecessor but will maintain the same weight through the use of aluminum body panels and a smaller, turbocharged engine. Additionally, the 2010 BMW Z4 will feature a two-piece aluminum roof that opens and closes in 20 seconds.



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CALENDAR OF EVENTS

Geneva International Motor Show

March 5-15, 2009

Geneva, Switzerland

New York International Auto Show

April 10-19, 2009

New York, NY

SAE World Congress Society of Automotive Engineers

April 20-23,



FAST FACTS

Aluminum in Cars Saves More than Fuel

Automotive aluminum's lightweight capabilities offer wide-reaching advantages to both automakers and consumers beyond better fuel economy. In addition to saving at the fuel pump, aluminum builds a better car through:

- [Reduced CO₂ emissions](#)
- [Improved crash protection](#)
- [Enhanced performance](#)

