



AUTO ALUMINUM ALERT



The Aluminum Association's Aluminum Transportation Group (ATG)



ALUMINUM NEWS

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Aluminum Study Featured on *The New York Times - Green Blog*

The New York Times featured a new study conducted by the University of Aachen for the European Aluminium Association in their influential [Green Blog](#). The [study](#) (press release [here](#)) shows that aluminum use in key automotive components can safely reduce vehicle weight by as much as 40 percent, compared to only 11 percent for high-strength steel. Reducing weight with [automotive aluminum](#) allows vehicles to increase safety, while providing environmentally-friendly increased performance.

Cutting Weight Vital to Higher MPG



The Obama Administration recently announced its future fuel economy plans for 2017-25 model cars and light trucks, as well as 2014-18 model medium- and heavy-duty trucks and buses. The Administration has set up a planning process involving federal agencies, the industry, the states and environmental groups. The ATG [released a statement in response](#), applauding the efforts and highlighting aluminum's role in meeting such standards. Powertrain advances and cleaner fuels paired with lighter, stronger aluminum is a crucial holistic approach in providing safer and more [fuel-efficient vehicles](#). The administration is expected to announce standards by September.

Aluminum Leads Audi Technology

A recent [Car and Driver](#) article highlights Audi's journey to be a leader with the continued use of aluminum in vehicle applications. Audi's innovative use of aluminum exemplifies the material's ability to make a lighter more structural stiff [high performance vehicle](#). The rigidity of aluminum places drivers in touch with the road by providing more rapid and precise control that allows designers to maximize overall vehicle size and increase safety. It is estimated that when compared to a steel vehicle of the same weight, the aluminum vehicle can be built up to 20 percent larger.

Chevrolet Corvette Gets Performance Edge with Aluminum

The [2010 Chevrolet Corvette](#) is a strong example of automotive aluminum at work, improving vehicle safety while delivering ultimate performance.



According to GM, the vehicle features an aluminum engine, body structure, control arms and wheels. This fun summer ride provides consumers with [faster acceleration](#), better stability and response, and requiring shorter stopping distances than heavier vehicles.



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August 2-5, 2010
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FAST FACTS

Aluminum Raises the Performance Standard

In partnership with the [Alliance of Automobile Manufacturers](#), ATG's Doug Richman, Executive and Technical Committee Member and Vice President of Engineering at Kaiser Aluminum, discusses the future of aluminum in the automobile industry.



[Click here](#) for video clips that explore aluminum's beneficial role in:

- Electric vehicles
- Recycling
- Safety
- Performance
- Fuel economy

[Group](#)

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