



AUTO ALUMINUM ALERT



The Aluminum Association's Aluminum Transportation Group (ATG)



ALUMINUM NEWS

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The Detroit News Covers Aluminum-Intensive X PRIZE Winner



The [Detroit News](#) recently highlighted the winner of the 2010 Progressive X PRIZE competition, the Edison2 "Very Light Car." The aluminum-intensive car is

capable of achieving 100 miles per gallon or the energy equivalent (MPGe). The article highlighted the [ATG's praise](#) for the win, "It is a great example of how high-strength yet low weight aluminum can be matched with smart design, and advanced powertrains to produce environmentally-friendly, safe and affordable cars and trucks," said Randall Scheps, ATG chairman.

Aluminum's Advantages Presented at IQPC Summit

ATG executive and technical committee member, Doug Richman, spoke at this year's [International Quality and Productivity Center's](#) Advanced Lightweight Materials for Vehicles Summit in Detroit. Richman presented on fuel efficiency improvements through the application of aluminum in vehicle body structures. [Click here](#) for a copy of the presentation.

Toronto Metro Features Aluminum's Benefits

The [Toronto Metro](#) recently spoke with the ATG for two articles that focus on the advantages of lightweighting with aluminum. The [first article](#) highlighted automakers' [increased use](#) of the metal to combat high vehicle weight which is detrimental to a vehicle's fuel efficiency. The [second article](#) focused on the importance of aluminum use in electric vehicles, citing [ATG research](#) "that the percentage of weight reduction is approximately equal to the range gained: Reduce the vehicle's weight by 20 per cent, and its range can be 20 per cent longer."

Acura Increases Aluminum in the 2010 TL

[Acura enhances the TL's](#) performance and safety features with an increased use of aluminum compared to the last generation. The lightweight metal made its way in to the vehicle's powertrain, subframe, hood,



rear suspension knuckles, steering hanger beam, front and rear bumper beams and wheels. Up to 50 percent lighter than steel, [auto aluminum](#) creates lighter vehicles with higher structural stiffness and faster acceleration.



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The Commercial Vehicle Alert

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CALENDAR OF EVENTS

The Business of Plugging In

October 12-14, 2010
Detroit, MI

American Metal Market 4th Automotive Metals Conference

October 26-27, 2010
Atlanta, GA



FAST FACTS

An Automotive Future of Growth and Change

ATG Chairman Randall Scheps discusses the future of aluminum and the important role a vehicle's material plays in the automotive industry.



[Click here](#) to learn more.

The Aluminum Association's Aluminum Transportation Group (ATG) communicates the benefits of aluminum in ground transportation to help accelerate its penetration through research programs and related outreach activities. Member companies include: [Alcoa Inc.](#), [Novelis Inc.](#), [Rio Tinto Alcan Inc.](#), [Aluminum Precision Products](#), [Kaiser Aluminum Corporation](#) and [Sapa Group](#).

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