



 **ALUMINUM NEWS**

Consumer Payback of Hybrid, Diesel Faster with Aluminum Body, According to New Study

The Aluminum Association recently unveiled [new research](#) that found advanced powertrain vehicles like hybrids and diesels when combined with lightweight aluminum vehicle structures will pay consumers back faster than steel-bodied versions of the same vehicles. If automakers opt to reduce the weight of vehicles with next-generation hybrids and diesels through greater use of aluminum, consumers will be 'paid back' faster at the gas pump compared to the payback time associated with the added costs of today's heavier hybrids and diesels.



The Association unveiled the information during a Washington Automotive Press Association luncheon, featuring lightweight automotive materials.

Aluminum Industry Responds to DOT's Proposed Fuel Economy Rule

In response to the National Highway Traffic Safety Administration's draft rule for passenger car and light truck fuel economy, the Aluminum Association submitted comments that asserted the proposal falls short by relying almost entirely on improvements to engines and transmissions. This limited approach undervalues the direct benefits of weight reduction and its potential to serve as the foundation for other fuel saving technologies. [Read the Association's statement](#) about lightweight materials and fuel economy.

Aluminum in the Ever-Changing Car Design

Steve Larkin, president of the Aluminum Association, recently offered strategic insights on aluminum's use in the ever-changing auto industry in the [July/August issue of Aluminum Now](#). Larkin details how aluminum can be part of the solution in reducing greenhouse gases and energy consumption-and improving the quality of life for people across the country and throughout the world.





Concept Car Paves Way for Maximum Aluminum Use

The [Jeep Renegade Concept's](#) advanced engine technology combined with lightweight body materials results in a fuel efficient vehicle that maintains the sporty Jeep style. The Renegade takes advantage of mass reduction with its extensive use of aluminum, resulting in a weight of only 3,150 pounds. By comparison, competitors in this vehicle segment weigh-in around 4,000 pounds. Along with its regenerative braking system, the aluminum frame improves the vehicle's overall efficiency.



Chrysler LLC

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 **FAST FACTS**

"A-List" Autos

Aluminum isn't just for high-end vehicles. It's use in cars, pickups, SUVs and minivans grew steadily the past three decades. Today there are dozens of vehicles across multiple platforms and types that are made with at least 400 pounds of aluminum. [Check out our database](#) of A-List, High Aluminum Content Vehicles where you can search by make, model and year or aluminum component to learn more about these lightweight, aluminum-intensive vehicles.