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## **All-new 2017 Chrysler Pacifica Earns Altair Enlighten Award for Achievements in Weight Reduction**

- Altair Enlighten Award auto industry's only honor to mark engineering achievements in weight-savings
- All-new 2017 Chrysler Pacifica minivan nearly 250 pounds lighter than model it replaced
- More than half of Pacifica's weight-savings from innovative body structure – advancements that also contribute to superior crashworthiness
- Weight-conscious design further contributes to all-new Pacifica's class-leading highway fuel-economy rating
- Chrysler Pacifica and Pacifica Hybrid have garnered more than 50 awards

July 31, 2017, Auburn Hills, Mich. - FCA US LLC's [2017 Chrysler Pacifica](#) minivan has won the full-vehicle category in the fifth annual Altair Enlighten Awards for innovation in automotive lightweighting.

Engineers blended high-strength steels, aluminum and magnesium to craft a body structure that is 168 pounds lighter than that of the minivan model it replaced in FCA US showrooms. The total vehicle weight differential is nearly 250 pounds.

"The 2017 Chrysler Pacifica is a testament to our team's engineering capability," said [Phil Jansen](#), Head of Product Development – FCA North America. "It's not only lighter than the vehicle it replaced; it's longer, wider and more efficient. The Pacifica has also earned superior safety ratings and widespread media acclaim. We are proud to add the Altair Enlighten Award to its list of team achievements."

Weight reduction is a key contributor to improved fuel economy. In highway driving, the all-new 2017 Chrysler Pacifica earns a best-in-class rating of 28 miles per gallon (mpg) from the U.S. Environmental Protection Agency (EPA). Its combined city/highway rating of 22-mpg is unsurpassed in the minivan segment, while the all-new vehicle's unique construction also benefits the [2017 Chrysler Pacifica Hybrid](#).

With an EPA rating of 84 miles-per-gallon-equivalent (MPGe), the Pacifica's electrified twin rewrote the record books as the industry's [most efficient minivan of all time](#).

Against this backdrop, the Pacifica – which is longer and wider and seats one additional occupant, compared with its predecessor – earned a [Top Safety Pick+](#) rating from the Insurance Institute of Highway Safety, along with a five-star crash rating from the U.S. National Highway Traffic Safety Administration.

Among the innovative aspects of the new Pacifica's design is its tailor-welded-blank door structure, which utilizes ultra high-strength hot-stamped steel, and its hydroformed loadbeams, also made from ultra high-strength steel. These and other advances enhance crashworthiness and contribute to torsional stiffness that is 88 percent greater than that of the vehicle it replaces.

In addition, the all-new Pacifica minivan also makes strategic use of aluminum. Its hood and sliding doors are made of the lightweight material.

Further, the Pacifica's liftgate comprises an aluminum outer panel bonded to a cast-magnesium inner panel – one of the largest cast-magnesium automotive components in high-volume production. The combination of the two materials

contribute to weight savings of 18.5 pounds per vehicle.

With today's presentation of the Altair Enlighten Award at CAR's Management Briefing Seminars in Traverse City, Michigan, the 2017 Chrysler Pacifica and Chrysler Pacifica Hybrid have received a combined total of more than 50 honors, including [North American Utility Vehicle of the Year](#).

#### **About Altair**

Founded in 1985, Altair is focused on the development and application of simulation technology to synthesize and optimize designs, processes and decisions for improved business performance. Privately held with more than 2,600 employees, Altair is headquartered in Troy, Michigan, USA with more than 67 offices throughout 23 countries, and serves more than 5,000 corporate clients across broad industry segments. To learn more, please visit [www.altair.com](http://www.altair.com).

#### **About CAR**

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#### **Chrysler Brand**

The Chrysler brand has delighted customers with distinctive designs, craftsmanship, and advanced innovation and technology since the company was founded in 1925. Chrysler continues to build on that nearly 100-year legacy of creating ingenious products and technologies for mainstream customers, moving forward on an electrified transformation that will launch the brand's first battery-electric vehicle in 2025 and an all-electric portfolio in 2028.

The Chrysler Pacifica continues to reinvent the minivan, a segment Chrysler created 40 years ago. The Chrysler Pacifica Plug-in Hybrid symbolizes the brand's electrification evolution, representing the first electrified minivan in the segment and achieving 82 MPGe, an all-electric range of 32 miles and a total range of 520 miles. Chrysler Pacifica delivers the most standard safety features and most advanced available all-wheel-drive system in its class and is also the most awarded minivan over the last seven years with more than 175 honors and industry accolades since its introduction as a minivan.

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