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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.

About CAR

The Center for Automotive Research is a non-profit organization based in Ann Arbor, Michigan. Its mission is to conduct research on significant issues related to the future direction of the global automotive industry, organize and conduct forums of value to the automotive community and foster industry relationships. For more information, visit the CAR website: www.cargroup.org.

About Chrysler Brand

The Chrysler brand has delighted customers with distinctive designs, craftsmanship, intuitive innovation and technology since the company was founded in 1925. The Chrysler Pacifica continues to reinvent the minivan, a segment Chrysler invented, with an unprecedented level of functionality, versatility, technology and bold styling. The Pacifica Hybrid takes this revolutionary vehicle a step further with its class-exclusive, innovative plug-in hybrid powertrain. It's the first electrified vehicle in the minivan segment and achieves more than 80 MPGe in electric-only mode, has an all-electric range of more than 30 miles and a total range of more than 500 miles. The Chrysler 300 lineup delivers on the brand's promise of iconic and elegant design executed with world-class performance, efficiency and quality – all at an attainable value. Chrysler is part of the portfolio of brands offered by global automaker Fiat Chrysler Automobiles. For more information regarding FCA (NYSE: FCAU/ MTA: FCA), please visit www.fcagroup.com.

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