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FCA US Launches All-New 2017 Chrysler Pacifica Hybrid

The One and Only Hybrid Minivan's Innovative, Advanced and Class-exclusive Powertrain Builds on Pacifica's Reinvention of the Minivan Segment

- 2017 Chrysler Pacifica Hybrid's advanced powertrain delivers a seamless, efficient driving experience, with an estimated 33 miles of all-electric range, 566 miles of total range and 84 miles per gallon equivalent (MPGe) in electric-only mode
- Pacifica Hybrid pairs innovative dual-motor eFlite electrically variable transmission (EVT) with a specially modified version of the upgraded 3.6-liter Pentastar V-6 gasoline engine
- Cargo space remains uncompromised with the 16-kWh battery pack efficiently stored in the second-row floor
- Pacifica Hybrid qualifies for full \$7,500 federal tax credit and may qualify for additional state and local incentives
- Hybrid-exclusive technology features, including a smartphone app, deliver relevant vehicle information, such as charge status and scheduling, charging station locations and an "efficiency coach" for more efficient driving
- Re-engineered from the ground up on an all-new platform for class-leading ride, handling, and noise, vibration and harshness (NVH)
- 2017 Chrysler Pacifica brings sculptural styling, beautiful surfacing and highly crafted execution to the minivan segment, with exclusive grille, wheels and interior environment on Pacifica Hybrid models

November 16, 2016, Auburn Hills, Mich. - The all-new [2017 Chrysler Pacifica](#) reinvents the minivan segment with unparalleled levels of functionality, versatility, technology and bold styling – and the Pacifica Hybrid takes this revolutionary vehicle a step further with its class-exclusive, innovative hybrid powertrain.

"No other vehicle in the marketplace can move people or cargo like the 2017 Chrysler Pacifica, and adding electrification technology to that equation means even more efficiency for customers," said Tim Kuniskis, Head of Passenger Car Brands, Dodge, SRT, Chrysler and Fiat, FCA - North America. "By storing the battery pack under the second-row floor, customers aren't losing any passenger or cargo volume, so there's no trade-off or compromise when choosing the Pacifica Hybrid. Most importantly, the driving experience for customers remains unchanged – the vehicle operates in electric mode whenever possible and seamlessly transitions to hybrid mode when needed."

As the original creator of the minivan more than 30 years ago, FCA US LLC has transformed the segment with firsts – notching 78 innovations through the first five minivan generations. With the introduction of the all-new Chrysler Pacifica and Pacifica Hybrid, FCA US adds 37 minivan firsts to its portfolio for an unprecedented total of 115 innovations in the segment, including the industry's first minivan available as a plug-in hybrid electric vehicle.

Powertrain

The all-new 2017 Chrysler Pacifica Hybrid, the industry's first electrified minivan, will deliver an estimated range of 33 miles solely on zero-emissions electric power from a 16-kWh lithium-ion (Li-ion) battery. In electric-only mode, it achieved an efficiency rating of 84 miles per gallon equivalent (MPGe) based on U.S. Environmental Protection Agency standards.

When the battery's energy is depleted to a certain threshold, the Pacifica Hybrid becomes a part-time electric vehicle, like a conventional hybrid. Power to the wheels is supplied by the electric drive system or supplemented by a

specially adapted new version of the award-winning FCA US Pentastar 3.6-liter V-6 engine.

The battery pack – neatly packaged under the second-row floor in a unique battery case – may be fully recharged in as little as two hours using a 240-volt plug-in system.

“Minivan drivers travel an average of 30 miles each day, meaning that most Pacifica Hybrid owners will be able to complete their daily activities solely on electric power,” said Kuniskis. “For those longer weekend trips, the 33-mile all-electric range combined with a full tank of fuel will deliver an expected total range of 566 miles, alleviating the potential of any range anxiety.”

The pivotal technology behind the all-new Chrysler Pacifica Hybrid is its innovative eFlite electrically variable transmission (EVT). Designed by FCA US, the device features two electric motors – both of which are capable of driving the vehicle’s wheels.

Conventional electrification schemes dedicate one motor to serve as a generator and a second motor – usually much larger – to deliver torque to the wheels. But the all-new 2017 Chrysler Pacifica Hybrid uses a one-way clutch that allows the motor typically used only as a generator to deliver torque to the wheels, depending on driving conditions. The result is increased efficiency, refinement and improved component packaging.

Taking advantage whenever the driver slows, the Pacifica Hybrid’s regenerative braking system converts kinetic energy to electricity, helping to provide additional range by charging the lithium-ion battery. As the Pacifica Hybrid decelerates from a higher speed, the high-voltage motor becomes a generator and charges the battery to extend the electric range.

Engineering

The 2017 Chrysler Pacifica Hybrid was re-engineered from the ground up on an all-new platform, delivering class-leading ride and handling and reduced noise, vibration and harshness (NVH). Its body structure is the lightest and stiffest in its class, making it more responsive with lower levels of body roll and enhanced agility to absorb and distribute road inputs. Class-leading aerodynamics contribute to the Pacifica Hybrid’s efficiency rating of 84 MPGe in electric-only mode.

The all-new Pacifica is engineered and executed to deliver a “vault-like” interior environment with low levels of wind noise, road noise and related vibration/harshness characteristics. Standard Active Noise Cancellation (ANC) further heightens the Chrysler Pacifica Hybrid’s refinement factor during a comfortable daily commute or an extended road trip with family and friends.

Even with the addition of the 16 kWh Li-ion battery (stored efficiently under the second-row floor), the Chrysler Pacifica boasts the largest interior volume in the segment and seating for seven, with clever storage and – a requirement with all generations of FCA US minivans – the ability to fit an 8 x 4-foot sheet of plywood. (In fact, the Chrysler Pacifica and Pacifica Hybrid can carry up to 64 quarter-inch sheets of plywood.)

Design

Featuring the face of the Chrysler brand, the all-new Chrysler Pacifica Hybrid has a sculpted exterior with athletic proportions. A fast silhouette and sophisticated, fluid-like surfacing deliver a level of style not found in the minivan segment. The Pacifica’s sliding door track lines are hidden under the rear-quarter side glass, making them virtually indistinguishable. With its long wheelbase, wide track and low ground clearance, the Chrysler Pacifica Hybrid appears planted, with a capable stance.

The Chrysler Pacifica Hybrid models feature a unique front grille pattern and wheel design, as well as distinctive badging and an exclusive Silver Teal Pearl Coat paint, differentiating it from the rest of the Pacifica lineup. In addition to Silver Teal, the Chrysler Pacifica Hybrid is available in a total of 10 exterior paint colors that accentuate the vehicle’s surfacing: Billet Silver Metallic Clear Coat, Brilliant Black Crystal Pearl Coat, Bright White Clear Coat, Molten Silver Metallic Clear Coat, Velvet Red Pearl Coat, Jazz Blue Pearl Coat, Dark Cordovan Pearl Coat, Tusk White Pearl Coat and Granite Crystal Metallic Clear Coat.

The thoughtfully designed and beautifully crafted interior mixes high-tech elements with a sculpted, muscular feel. With horizontally drawn features, the interior's spaciousness is amplified and the linear elements keep the eye moving throughout the cabin. The available tri-pane panoramic sunroof, with a dual-pane panoramic sunroof over the first two rows and a fixed glass pane over the third row, adds to the feeling of spaciousness.

Inspired by Juneau, Alaska, the Chrysler Pacifica Hybrid features an exclusive interior environment combining Black and Alloy with Anodized Ice Cave accents, Ice Blue stitching and black piping.

Safety and Security

The all-new 2017 Chrysler Pacifica Hybrid showcases the latest in advanced [safety and security technology](#), offering more than 100 standard and available features. Available for the first time on the all-new Pacifica is the Surround View camera, which uses four cameras positioned around the vehicle to provide 360-degree views, including a bird's eye perspective of the vehicle and its surroundings.

Other advanced features include:

- ParkSense Parallel/Perpendicular Park Assist, which uses ultrasonic sensors to guide the driver into parking spaces
- Adaptive Cruise Control with Stop and Hold, which maintains the distance between the vehicle and the one in front of it, and can bring the vehicle to a controlled stop under certain circumstances
- Forward Collision Warning-Plus deploys the brakes to alert the driver if an impact appears imminent, and assists with driver response
- LaneSense Lane Departure Warning-Plus leverages electronic power steering (EPS) by delivering a torque input to alert and assist the driver with corrective action

Other standard features include Blind-spot Monitoring, ParkSense rear park assist with stop, ParkView rear backup camera, electronic stability control and electric park brake. As part of the FCA US ongoing efforts to proliferate advanced safety and technology, the Pacifica's all-new body structure is made up of 72 percent high-strength steel.

Technology and Convenience

The 2017 Chrysler Pacifica Hybrid is the most technologically equipped vehicle of its kind, offering an all-new Uconnect Theater entertainment system, 7-inch full-color driver information display, 8.4-inch touchscreen, acclaimed Uconnect Access and an array of other features.

The Chrysler Pacifica Hybrid offers a variety of exclusive features to make it easy for customers to take full advantage of the vehicle's innovative hybrid powertrain system, including:

- Hybrid Electric Pages – provide customers with helpful information and access to charging schedules via the Uconnect 8.4 system's 8.4-inch touchscreen
- Uconnect Access smartphone app – provides customers with remote access to information like the vehicle's state of charge and charge status updates, the ability to schedule charging, and locations of charging stations
- Cluster display – customizable 7-inch color thin-film transistor (TFT) cluster display provides important information, including battery and fuel levels, total driving range, and an "efficiency coach" to promote efficient driving

With the all-new, class-exclusive Uconnect Theater rear seat entertainment system, passengers can watch movies, play built-in games and connect personal devices to surf the Internet via two high-definition 10-inch touchscreens.

The available KeySense programmable key fob places limits on speed and audio volume, mutes the audio when front seatbelts are not buckled, prevents the disabling of certain features like Forward Collision Warning-Plus and ParkSense rear park assist, and allows blocking of SiriusXM Radio channels.

The 2017 Chrysler Pacifica Hybrid features as standard the easy-to-use Uconnect 8.4 system with an 8.4-inch touchscreen, available navigation, integrated voice command and Uconnect Access, which keeps drivers and passengers connected with helpful information, such as fuel prices and movie listings.

For audiophile-quality sound, the Chrysler Pacifica Hybrid comes standard with six speakers and Active Noise Cancellation. A premium 13-speaker Alpine audio system is also available.

The 2017 Chrysler Pacifica is loaded with comfort and convenience features, including Keyless Enter 'n Go, remote start with cabin pre-conditioning, and heated and ventilated seats. Other notable features include segment-first handsfree sliding doors and liftgate, which are operated by making a kicking motion under the sliding door or bumper to open the sliding doors or liftgate.

The 16-kWh battery pack in the 2017 Chrysler Pacifica Hybrid is stored efficiently under the second-row floor, keeping the rear cargo area as roomy as ever and preserving the third-row Stow 'n Go seating and storage. The second-row quad seats were designed for maximum comfort and functionality, and can fold down for additional cargo space, or can be removed for a completely flat load floor when the third-row seats are stowed.

The 2017 Chrysler Pacifica Hybrid is built at the [Windsor Assembly Plant](#) in Windsor, Ontario, Canada.

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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