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FCA Canada: New 2020 Jeep® Gladiator Mojave — the Ultimate High-performance Off-road Midsize Pickup

- Jeep® Desert Rated vehicles represent ultimate in high-speed off-road capability and performance in grueling desert and sand environments
- All-new Gladiator Mojave is first Jeep vehicle to earn brand's newly minted Desert Rated badge
- Industry-exclusive FOX hydraulic jounce bumpers and 64-mm (2.5-inch) internal bypass shocks with external reservoirs bolster Gladiator Mojave's high-speed sand-running credentials

February 5, 2020, Windsor, Ontario - The Jeep® brand is breaking new ground with the Gladiator Mojave, the first Jeep vehicle to carry the brand's newly minted Desert Rated badge. Jeep Desert Rated vehicles represent the ultimate in high-speed off-road capability and performance while traversing grueling desert and sand environments.

"4x4 capability has always been the foremost pillar of the Jeep brand and the new Gladiator Mojave is a natural extension of our legendary Trail Rated 4x4 capability leadership," said Jim Morrison, Head of Jeep Brand – FCA North America. "Jeep Gladiator is already the most capable midsize pickup on the planet and, with the addition of the new Mojave model, we are delivering our most passionate customers a new level of capability with the ability to master high-speed desert and sand terrains."

Gladiator Mojave models will arrive in Jeep showrooms in the second quarter of 2020.

Legendary Jeep 4x4 capability evolves to master rugged desert terrain

Gladiator Mojave's ability to tackle rugged and punishing desert terrain is a natural evolution of the Jeep brand's nearly 80-year history of 4x4 capability leadership.

Jeep Gladiator Mojave models represent the ultimate in high-speed off-road capability and performance in sand environments, courtesy of the brand's renowned 4x4 system with significant suspension upgrades and extensive testing over harsh sand and desert terrain for vehicle durability and protection. Gladiator Mojave models feature new, specially-tuned FOX™ 64-mm (2.5-inch) internal bypass shocks with external reservoirs, industry-exclusive FOX front hydraulic jounce bumpers, a reinforced frame, a 25-mm (1-inch) front suspension lift with a silver front skid plate, stronger axles with cast-iron steering knuckles, aggressive front seats with integrated upper bolsters and standard 33-inch Falken Wildpeak All-Terrain tires. All of these standard features enable the Gladiator Mojave to become the Jeep brand's first Desert Rated vehicle.

The foundation: Jeep 4x4 capability

The starting point for the Mojave edition's new level of capability is Gladiator's proven Command-Trac 4x4 system, which features a two-speed transfer case with a 2.72:1 low-range gear ratio and heavy-duty third-generation Dana 44 front and rear axles with a 4.10:1 axle ratio and standard electronic-locking rear differential. The Jeep Command-Trac 4x4 system is used to provide higher 4LO (low range) operating speeds for climbing sand dunes and other challenging desert events.

A best-in-class approach angle of 44.7 degrees, breakover angle of 20.9 degrees, departure angle of 25.5 degrees and a best-in-class ground clearance of 295-mm (11.6 inches) further enhances Gladiator Mojave's off-road credentials.

Other Gladiator Mojave capability highlights include Jeep Performance Parts step sand slider side rails, a silver front skid plate for protection over rugged sand terrain, best-in-class articulation and up to 544 kilograms (1,200 pounds) of

payload and up to 2,721 kilograms (6,000 pounds) of towing capacity.

More durable suspension and high-performance shocks

To earn the first-ever Desert Rated badge, Jeep engineers equipped Gladiator Mojave with specially-tuned high-performance FOX 64-mm (2.5-inch) internal bypass shocks to maximize handling, comfort and bottom-out resistance on high-speed sand runs. The FOX shocks contain internal passages that allow fluid to bypass the piston through regulated ports as it moves through the suspension travel. The result is a predictable ride over normal off-road driving conditions, with the ability to ramp up damping force in extreme use.

Front and rear external shock reservoirs keep shock fluid cool, preventing shock fade during long runs through the hot desert at high speed. Military-grade suspension fluid maintains performance at extreme temperatures and is the same fluid used in off-road racing shocks.

Industry-first FOX front hydraulic jounce bumpers act as a secondary pair of shocks that provide additional damping force as the suspension reaches maximum compression in order to soften impacts and prevent bottoming out in harsh off-road situations at speed. They combine race-proven technology with new, cutting-edge features to provide increased damping performance and bottom-out control in the last few millimetres of suspension travel. In summary, the FOX shocks and jounce bumpers provide drivers confidence and capability, including bottom-out control on harsh desert terrain at high speed, while delivering a comfortable ride over gravel washboards or broken pavement on the backroads.

A 13-mm (½-inch) increase in the Mojave's track provides additional stability and allows for packaging of the larger shocks. Jeep engineers also reinforced both the frame and axle to handle rough desert terrains at high speed.

Jeep Gladiator Mojave features a 25-mm (1-inch) front suspension lift for increased jounce travel, with a silver front skid plate and standard 33-inch Falken Wildpeak All-Terrain tires or optional Falken Wildpeak Mud-Terrain tires.

These engineering enhancements to the Gladiator Mojave's suspension provide ride control and confidence on any high-speed sand or desert terrain, while an Off-Road Plus button allows drivers to take Gladiator to the next level of tractive capabilities. With a push of a button, drivers can adjust throttle, transmission shift points and traction control for peak performance on higher speed passes on sand terrain, as well as during low-speed rock crawling. The Off-Road Plus drive mode on Mojave will also feature, for the first time on Jeep, the ability for drivers to lock their rear axle at high speeds while in "4H" (this feature will debut later this year).

Proven powertrain

The Jeep Gladiator Mojave's 3.6-litre Pentastar V-6 engine delivers 285 horsepower and 260 lb.-ft. of torque and features engine stop-start (ESS) technology as standard equipment. It is engineered to provide a broad torque band with a focus on low-end torque, an essential trait needed for extreme off-roading. A six-speed manual transmission is standard with the 3.6-litre Pentastar V-6 and an eight-speed automatic transmission is optional.

The 2020 Jeep Gladiator benefits from the popular V-6 engine's low-range torque, which is needed when out on the trails or during demanding conditions, such as hauling cargo or towing a trailer.

With the standard six-speed manual transmission, Gladiator Mojave boasts an impressive crawl ratio of 57.3:1, and 52.6:1 on Mojave models equipped with the optional eight-speed automatic transmission – both of which make cresting a dune or scaling any obstacle on the trail easy.

Mojave inside and out

Inside the cabin, Gladiator Mojave features more aggressive front seats with integrated upper bolsters to hold occupants comfortably in place. The upgraded seats are available in leather or cloth with orange accent stitching and embroidered Mojave logos.

Mojave features two interior colour options Black and Steel Grey, as well as a competition-inspired leather-wrapped steering wheel with accent stitching that features an aggressive rim section for extra grip and ergonomic comfort.

Featuring a 25-mm (1-inch) front suspension lift that results in a more prominent appearance, Gladiator Mojave is adorned with a unique hood decal on its heavy-duty performance hood with centre scoop, unique exterior badges, orange tow hooks and unique 17 x 7.5-inch wheels, with Jeep Performance Parts step sand slider side rails between those wheels.

An available forward-facing off-road camera allows obstructions in the desert to be easily seen as well (previously a Gladiator Rubicon-exclusive option).

Jeep Desert Rated

The all-new Desert Rated badge is the first of its kind for Jeep and is a natural extension of the brand's legendary Trail Rated designation. Desert Rated vehicles represent the ultimate in Jeep vehicle's high-speed, off-road capability and performance in grueling desert and sand environments.

Every Desert Rated 4x4 Jeep vehicle has been developed and succeeded against a series of strenuous tests in five categories: Ride Control and Stability, Traction, Ground Clearance, Maneuverability and Desert Prowess.

Ride Control and Stability: With a ground-breaking desert-tuned suspension, Gladiator Mojave tackles undulating desert terrain with uncompromising control and comfort.

Traction: By strategically managing and delivering power, Gladiator Mojave conquers unpredictable surfaces, such as sand, gravel and loose dirt, with confidence.

Ground Clearance: Maximized running clearances with an optimized suspension allow Gladiator Mojave to crest dunes, blast through whoops and anything else the desert can throw at it.

Maneuverability: Nimble and responsive handling allows Gladiator Mojave to become an extension of the driver when swiftly navigating desert terrain and climbing extreme angles.

Desert Prowess: Tested and proven to withstand the intense heat, coarse sand, loose gravel and intrusive dust that accompany unforgiving desert environments.

Jeep Brand

Built on more than 75 years of legendary heritage, Jeep is the authentic SUV with class-leading capability, craftsmanship and versatility for people who seek extraordinary journeys. The Jeep brand delivers an open invitation to live life to the fullest by offering a full line of vehicles that continue to provide owners with a sense of security to handle any journey with confidence.

The Jeep vehicle lineup consists of the Cherokee, Compass, Gladiator, Grand Cherokee, Renegade and Wrangler. To meet consumer demand around the world, all Jeep models sold outside North America are available in both left- and right-hand drive configurations and with various gasoline and diesel powertrain options.

FCA Canada

Founded as the Chrysler Corporation in 1925, FCA Canada Inc. is based in Windsor, Ontario, and celebrates its 97th anniversary in 2022. FCA Canada is a wholly owned subsidiary of FCA, a North American automaker based in Auburn Hills, Michigan and member of the Fiat Chrysler Automobiles N.V. (FCA) family of companies. FCA Canada has approximately 440 dealers that sell Chrysler, Dodge, Jeep®, Ram, FIAT and Alfa Romeo products, as well as SRT performance products. The company also distributes Mopar and Alfa Romeo parts and accessories. In addition to its assembly facilities, which produce the Chrysler Pacifica, Chrysler Pacifica Hybrid, Chrysler Voyager and Chrysler Grand Caravan (Windsor) and Chrysler 300, Dodge Charger and Dodge Challenger (Brampton), FCA Canada operates an aluminum casting plant in Etobicoke, a research and development centre in Windsor, and has sales offices and parts distribution centers throughout the country.

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