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## **Chrysler Canada - All-new 2014 Jeep® Cherokee:**

### **No-compromise Mid-size SUV Sets a New Standard**

Jeep® raises the bar with legendary benchmark capability, world-class on-road dynamics, fuel economy up to an

estimated 6.3 L/100 km (45 mpg), revolutionary Jeep design with world-class craftsmanship inside and out, and an array of advanced safety and technology features

- Best-in-class off-road capability

-Three new four-wheel-drive systems that raise the standard for mid-size SUVs:

i) Jeep® Active Drive I with one-speed power transfer unit (PTU)

ii) Jeep Active Drive II with two-speed PTU and low range

iii) Jeep Active Drive Lock with two-speed PTU, low range and locking rear differential

-New Jeep Selec-Terrain traction control system with up to five customized modes – Auto, Snow, Sport, Sand/Mud and - Rock

-Best-in-class towing capability – 2,041 kg (4,500 pounds)

-Jeep Trail Rated capability

-Up to a 56:1 crawl ratio, a 90-per cent improvement versus the outgoing model

- Vastly improved fuel economy – up to an estimated 6.3 L/100 km (45 mpg)

-First SUV with nine-speed automatic transmission

-Industry-first rear-axle disconnect resulting in reduced energy loss when 4x4 capability isn't needed; improving fuel - efficiency

-2.4-litre Tigershark MultiAir I-4 delivers an estimated 45-per cent fuel economy improvement versus outgoing model and over 900-kilometre range

-First use of Chrysler Group's new 3.2-litre Pentastar VVT V6 engine

- Superior on-road ride and handling

-First Jeep vehicle to utilize Chrysler Group's Compact U.S. Wide (CUS-wide) platform

-New independent front and rear suspension

-Increased torsional stiffness

-Exceptionally quiet cabin

- New Jeep design with world-class craftsmanship

-New aerodynamic design cues combine Jeep heritage with advanced technology

-Aggressive approach and departure angles contribute to leading capability

-Advanced LED lighting technology with distinctive daytime running lights

-Premium, well-crafted interior with extensive use of soft-touch materials

-Class-exclusive available all-new CommandView panoramic sunroof or Sky Slider roof

- Array of available advanced, cutting edge technology features

-Full-colour 7-inch customizable LED instrument cluster

-Uconnect 8.4AN multimedia centre with 8.4-inch colour touchscreen and navigation

- Offers more than 70 advanced safety and security features

-First Chrysler Group use of ParkSense Parallel/Perpendicular Park Assist System aids the driver in parallel/perpendicular parking

- Clever functionality and versatility

-Second-row 60/40 split folding seat moves fore and aft for passenger comfort and cargo flexibility

-Fold-flat front passenger seat with covered in-seat storage

-Useful, clever storage features throughout the Cherokee cabin

-Innovative Jeep Cargo Management System

March 26, 2013, Windsor, Ontario - There is a new king of the hill in the mid-size sport-utility vehicle (SUV) segment: the all-new 2014 Jeep® Cherokee.

The renowned Cherokee name returns to the Jeep® vehicle lineup for the 2014 model year. The result – the all-new 2014 Jeep Cherokee completely redefines the mid-size SUV segment, delivering legendary Jeep 4x4 capability, a segment-first nine-speed automatic transmission, fuel economy improvements of an estimated 45 per cent (versus the outgoing Liberty model), superior on-road ride and handling, a cutting-edge, revolutionary design, world-class craftsmanship, class-exclusive technology and more than 70 advanced safety and security features. The Jeep Cherokee is set to delight consumers both on the road and on the trail.

“The all-new 2014 Jeep Cherokee will be the benchmark for mid-size SUVs with a new level of on-road driving dynamics and fuel economy, while at the same time improving the 4x4 capability that customers expect from Jeep,” said Mike Manley, President and CEO – Jeep Brand, Chrysler Group LLC. “Jeep Cherokee boasts a new design, a nine-speed automatic transmission and two advanced engines, class-leading off-road capability from three innovative 4x4 systems, more than 70 available safety and security features, and a host of new technology features.”

#### **Jeep 4x4 capability**

The all-new 2014 Jeep Cherokee provides a choice of three innovative 4x4 systems for best-in-class 4x4 capability in all weather conditions. The Jeep Cherokee is the first mid-size SUV to feature rear-axle disconnect, resulting in reduced energy loss when 4x4 capability isn't needed, improving fuel efficiency. The rear-axle disconnect seamlessly switches between two- and four-wheel drive for full-time torque management and does not require input from the driver.

The Jeep Cherokee offers best-in-class V6 towing capability of 2,041 kg (4,500 pounds).

#### **Jeep Active Drive I**

Available on the Cherokee Sport, North and Limited models, Jeep Active Drive I features a single power transfer unit (PTU) which is fully automatic and delivers seamless operation in and out of four-wheel drive at any speed. The system does not require any driver intervention or feedback, delivers yaw correction during dynamic events and improves both understeer and oversteer conditions.

#### **Jeep Active Drive II**

Available on the Cherokee Sport, North and Limited models, Jeep Active Drive II includes a two-speed PTU with torque management and low range. 4-Low mode locks the front and rear drive shafts for low-speed power or towing. Low range provides a 2.92:1 gear reduction. The gear reduction allows for enhanced climbing ability as well outstanding crawl ratios for severe off-road conditions. The 2014 Jeep Cherokee with Jeep Active Drive II gives the off-road adventurer a ride height that is increased by an inch, a crawl ratio of 56:1 when powered by the 2.4-litre MultiAir2 Tigershark I-4 engine, and 47.8:1 when powered by the new 3.2-litre Pentastar VVT V6 engine – up to a 90-per cent improvement versus the outgoing model.

#### **Jeep Active Drive Lock**

Jeep Active Drive Lock includes all the features of Jeep Active Drive II and adds a locking rear differential for superior low-speed power for severe off-road conditions. Jeep Active Drive Lock is standard on all Trailhawk models.

All 4x4 systems feature the Jeep brand's renowned Selec-Terrain traction control system, which allows the driver to choose the on- and off-road setting for optimum performance. Five customized settings are offered: Auto, Snow, Sport, Sand/Mud and Rock. Through the use of algorithms that enable unsurpassed control and capability, Selec-

Terrain electronically coordinates and optimizes up to 12 systems on any terrain providing enhanced vehicle control including: drivetrain control module, electronic brake controller, electronic stability control (ESC), transmission controller, powertrain controller and Selec-Speed Control (Hill-ascent and Hill-descent Control).

#### **Jeep Cherokee Trailhawk: Trail Rated®**

The all-new 2014 Jeep Cherokee Trailhawk model exemplifies Jeep 4x4 capability with a distinctive, aggressive look, backed up by Jeep Trail Rated hardware, for the most capable Jeep Cherokee model and the most capable mid-size SUV in the segment. The Trailhawk includes as standard equipment aggressive approach and departure angles, complements of the unique front and rear fascias, one-inch factory lift, Jeep Active Drive Lock with locking rear differential, skid plates and signature red tow hooks. The locking rear differential is selectable in any low range terrain mode, but will lock automatically when in certain modes, such as "Rock," to maximize tractive effort at the tire patch that can support it.

The Jeep Cherokee Trailhawk boasts an approach angle of 29.8 degrees, a departure angle of 32.1 degrees and breakover angle of 23.3 degrees. Running ground clearance is 220 mm (8.7-inches).

The all-new 2014 Jeep Cherokee Trailhawk model with the standard off-road package is Trail Rated. The "Trail Rated" badge on the Jeep Cherokee Trailhawk indicates that the vehicle is designed to perform in a variety of challenging off-road conditions identified by five key consumer-oriented performance categories: traction, ground clearance, maneuverability, articulation and water fording.

#### **World-class architecture**

FIAT Group architecture is the basis for the underpinnings of the all-new 2014 Jeep Cherokee. The Compact U.S. Wide (CUS-wide) platform's proven modular architecture means many models can be built using the same basic underpinnings. The result is better quality and reliability, as well as lower costs, less development time and tooling. The architecture Cherokee is built on is comprised of common, modular and interchangeable components and allows for modularity of the wheelbase, front track, rear track, front overhang, length and width across vehicle lines.

The 2014 Jeep Cherokee's body structure has a high-strength steel content of roughly 65 per cent. Hot stamped-, high-strength- and ultra-high-strength steel are used to construct a strong, lightweight, solid vehicle architecture.

#### **Superior on-road performance and fuel efficiency**

The 2014 Jeep Cherokee premium on-road manners and fuel efficiency are a result of a number of efforts by Jeep engineers.

Powered by the choice of two new engines mated to a segment-first nine-speed automatic transmission, the all-new Cherokee delivers the power drivers appreciate on the road with fuel economy improvements of more than 45 per cent compared with the outgoing model. With expected highway fuel economy ratings of up to an estimated 6.3 L/100 km (45 mpg) and the ability to drive over 900 kilometres on a tank of gasoline, the all-new 2014 Jeep Cherokee delivers drivers a no-compromise ownership experience.

The all-new 2014 Jeep Cherokee features Chrysler Group's 948TE nine-speed automatic transmission, the first time a nine-speed automatic transmission has been used in the segment and is standard equipment in all models of the new Cherokee. The nine-speed transmission delivers numerous benefits customers will appreciate, including aggressive launches, smooth power delivery at highway speeds and improved fuel efficiency versus a six-speed automatic transmission.

Efficiency and refinement also are hallmarks of Chrysler Group's 16-valve, 2.4-litre Tigershark MultiAir 2 I-4 engine, which comes standard in the all-new 2014 Jeep Cherokee. The 2.4-litre Tigershark engine offers up to an estimated 6.3 L/100 km (45 mpg) highway fuel economy rating, a more than 45-per cent improvement versus the outgoing model, and a driving range of nearly 900 kilometres per tank of gasoline. The 2.4-litre MultiAir 2 Tigershark I-4 engine produces 184 horsepower and 171 lb.-ft. of torque.

The acclaimed electro-hydraulic fully variable valve-lift system uses a column of oil in place of the traditional mechanical link between the camshaft and intake valves. As a result, it delivers precise control of the intake-valve events – beginning and end – delivering reductions in engine-pumping losses and increases in volumetric efficiency.

In addition to reducing carbon-dioxide emissions, MultiAir accounts for a fuel-economy boost of up to 7.5 per cent, compared with engines with conventional valve trains.

The 2.4-litre is the third engine to feature MultiAir technology from Chrysler Group and features the second generation "MultiAir 2" system that further enhances combustion control, improves fuel efficiency and reduces exhaust emissions.

Performance ratings for the 2.4-litre engine are 184 horsepower and 171 lb.-ft. of torque.

The available new 3.2-litre Pentastar V6 engine is the first derivative of the celebrated 3.6-litre Pentastar V-6, named one of Ward's 10 Best Engines three years running. The available new 3.2-litre Pentastar VVT V6 engine benefits from the same innovations that earned its larger displacement predecessor industry-wide acclaim for efficiency, power and refinement. For the driver, that means a refined driving experience with reduced noise, vibration and harshness (NVH) and an exceptional balance of higher specific power output (84.2 horsepower per litre) while delivering fuel economy improvements of an estimated 30 per cent versus the outgoing V6 engine. The 3.2-litre Pentastar VVT V6 engine produces 271 horsepower, 239 lb.-ft. of torque and delivers best-in-class towing of 2,041 kg (4,500 pounds).

The all new Jeep Cherokee mid-size SUV sports a new front independent suspension with MacPherson struts and a new rear independent multi-link suspension. The front suspension provides 170 mm (6.7-inches) of travel while the rear suspension provides up to 198 mm (7.8-inches) of travel for better articulation. The isolated rear cradle, aluminum front crossmember and superior torsional rigidity all contribute to the quieter, smoother ride and superior handling characteristics drivers will experience in the Cherokee.

The 2014 Jeep Cherokee is equipped with an electronic power steering system (EPS) that improves fuel efficiency and contributes to the Jeep Cherokee's nimbleness with a turn circle radius of approximately 11 metres (36 feet) in 4x2 models, approximately 12 metres (38 feet) in 4x4 models and roughly 12 metres (39 feet) in the Trailhawk off-road model. With EPS all of the power assist is provided via an electric motor system rather than a traditional hydraulic system. Because the system is fully electronic, the driver experiences optimal steering effort at all vehicle speeds, and there is less noise and better fuel efficiency since there is no parasitic loss from a power steering pump.

## **Design**

The 2014 Jeep Cherokee mid-size SUV debuts a new exterior designed for the future with a global appeal. Jeep designers were inspired to create a vehicle that moves Jeep into the next era with a shape that is efficient without losing Jeep DNA and design heritage. The all-new 2014 Jeep Cherokee is a vehicle that not only looks efficient and capable, but is efficient and capable - in all on-road, trail and weather conditions.

Fluid, sleek exterior lines highlight the efficient, wind-splitting upper body of the all-new Cherokee. The rugged, protective lower body conveys the legendary capability that is characteristic of every Jeep.

The 2014 Jeep Cherokee has a powerful stance, an aggressive wheel-to-body proportion and a commanding road presence. The aggressive approach and departure angles contribute to the best-in-class off-road capability. The first key feature in the front of the all-new 2014 Jeep Cherokee is the waterfall hood with the iconic peaked, seven-slotted grille which includes a crisp, horizontal snap – a feature in many classic Jeep vehicles. The hood is clearly defined and separated from the front fenders in a modern twist of Jeep heritage. The one-piece hood and grille assembly ensures a precise build.

Advanced LED lighting technology is used throughout the all-new 2014 Jeep Cherokee. Forward lighting features a unique daytime running lamp (DRL) shape that plays a dominant role in the fresh front-end proportion, giving the impression of a slim headlamp. Contemporary full LED tail lamps are an integral part of the rear backlight graphic, making the vehicle look stronger yet harmonious. This graphic is the connection between the upper and lower rear and brings a unique presence specific to this all-new Cherokee.

The Trail Rated 2014 Jeep Cherokee Trailhawk model takes rugged design and capability to a whole new level. With exclusive exterior and interior colours, functional differences such as Jeep signature red front tow hooks, skid plates underneath and aggressive front and rear fascias add to the rugged exterior appearance and deliver exemplary approach and departure angles for class-leading 4x4 capability, resulting in the most capable off-road mid-size SUV

in the market.

The 2014 Jeep Cherokee offers customers two industry-exclusive open-air options – the new CommandView panoramic sunroof or the Sky Slider full-length open canvas roof.

The interior of the all-new 2014 Jeep Cherokee is modern, inviting and comfortable. A sophisticated, refined design, hand-sculpted forms, signature Jeep design cues, high-quality materials, precision craftsmanship and attention-to-detail raise the bar in the mid-size SUV segment. A driver-oriented cockpit loaded with easy-to-use, useful technology, clever, thoughtful storage features and more than 70 available safety and security features including 10 standard air bags give the driver and passengers everything they want for any adventure they undertake.

Inspiration for the all-new 2014 Jeep Cherokee mid-size SUV interior included countries and terrain around the world that brought beautiful imagery to mind. The Cherokee interior is a sophisticated blend of hand-sculpted fluid shapes, high-quality materials, innovative colour and material choices, precision craftsmanship, state-of-the-art technology and features that drivers and passengers appreciate.

Premium materials abound wherever the customer touches the vehicle – the door uppers and armrests, the centre armrest, the upper instrument panel. Interior trim that is soft to the touch and pleasing to the eye is found throughout the cabin.

Seats in the all-new 2014 Jeep Cherokee are ergonomically designed to support the contour of the body, are trimmed with premium cloth or quality Nappa leather and available as power adjustable, heated/ventilated seats with memory. Premium cloth fabrics include a unique interlocking graphic. The 60/40 split second-row seats adjust fore and aft for increased passenger comfort and cargo flexibility.

Unique features such as the available heated, leather-wrapped steering wheel, heated and ventilated front seats, an available wireless charging pad and many more will delight both drivers and passengers alike.

The all-new 2014 Jeep Cherokee was designed with thoughtful, state-of-the-art, high-tech features and amenities that are intuitive, easy-to-use.

The world-class LED 3.5-inch greyscale or 7-inch full-colour reconfigurable instrument gauge allows the driver to enjoy a customized user experience and receive information and vehicle feedback in the format they prefer while keeping their hands on the wheel and eyes on the road.

The driver can select from a multitude of information that can be displayed in the centre of the gauge cluster including turn-by-turn navigation (if equipped), speed, real-time fuel economy, safety warnings, available Adaptive Cruise Control-Plus settings, audio information and Jeep-specific features including Selec-Terrain settings.

The available ParkSense Parallel/Perpendicular Park Assist System (first Chrysler Group availability) is displayed in the centre of the gauge cluster and operated with buttons on the steering wheel and the shifter. The graphic walks the driver through the steps necessary to utilize the park assist system. Jeep designer's passion for the brand shines through in the park assist screen, which features a 1941 Jeep Willys graphic on each side of the open parking space.

An available award-winning 8.4-inch touchscreen multimedia command centre – the largest in the segment – or the standard 5-inch touchscreen multimedia command centre are attractive, intuitive and easy-to-use, and located in the centre stack. The 2014 Cherokee equipped with the Uconnect system allows the driver to control the audio, climate, heated/ventilated seats and much more from the touchscreen, redundant controls located on the centre stack below the touchscreen or with voice commands. The touchscreen buttons are large and easy-to-see at a glance. The available Uconnect 8.4AN multimedia media system with 8.4-inch colour touchscreen is user-friendly and includes navigation, Bluetooth connectivity, SiriusXM satellite radio, music, and streaming audio capability.

The class-exclusive Jeep Cargo Management System makes the most of the cargo space in the all-new 2014 Jeep Cherokee. A universal module rack is mounted on the side in the rear cargo area and provides for hooks and a removable grocery bag. Other optional accessories compatible with the system are available through Mopar and include an off-road accessory kit for Trailhawk models that features a tow rope, gloves and more; cargo bin, cargo mat, foldable cooler and first aid/emergency kit are just some of the accessories available that mount securely to the

rack for secure storage solutions the adventurous customer desires.

### **Safety and Security**

The new Cherokee was engineered with more than 70 available safety and security features. The Jeep Cherokee starts with a strong foundation constructed with 65 per cent high-strength steel. Engineers then added both active and passive safety and security features, including: Chrysler Group vehicle firsts ParkSense Parallel/Perpendicular Park Assist, Adaptive Cruise Control-Plus, Forward Collision Warning-Plus, and Lane Departure Warning-Plus; Electronic Stability Control (ESC); Electronic Roll Mitigation; Blind-spot Monitoring; Rear Cross Path detection; ParkView rear backup camera with dynamic grid lines and 10 standard air bags.

The ParkSense Parallel/Perpendicular Park Assist feature in the all-new 2014 Jeep Cherokee is a first in a Chrysler Group vehicle. Using ultrasonic parking sensors on the bumper, the system will find and guide the driver into an available parking space when the driver initiates parking maneuver. The parking guidance system controls the steering angle automatically, the driver controls the gear position, brake, and accelerator. Parallel parking is possible on either side of the car; during perpendicular parking, the vehicle is backed into the space.

Adaptive Cruise Control-Plus, a first for a Chrysler Group vehicle, is significant for its capacity to bring the vehicle to a complete stop without driver intervention in certain conditions. Radar and video sensors identify the locations of vehicles travelling ahead of the 2014 Jeep Cherokee. The sensors also help ensure the vehicles are separated by a gap determined by the driver. If the gap is dramatically breached, the ESC system can aggressively deploy the vehicle's brakes to affect a full stop, even if the driver never touches the brake pedal. To resume travel, the driver need only press a button on the steering wheel or tap the accelerator pedal.

Forward Collision Warning-Plus, another Chrysler Group first, addresses traffic-gap changes when Adaptive Cruise Control-Plus is inactive. When radar and video sensors detect a fast-closing obstacle ahead, the system pre-fills the brakes to prepare for emergency driver intervention. If collision risk remains, Forward Collision Warning-Plus correspondingly ratchets up the response with:

- audible and visual warnings
- a brief brake deployment to alert the driver
- a 1.5-second brake deployment to quicken the driver's reaction time
- deployment of Advanced Brake Assist (ABA) if the driver is not braking aggressively enough

Lane Departure Warning-Plus, which is offered for the first time in a Chrysler Group vehicle, uses a camera-based vision sensor to establish the Jeep Cherokee's position on the road. If there occurs an unintentional lane drift, determined by trajectory change and the absence of turn-signal activation, the system will deliver a visual warning and a haptic warning – the subtle introduction of torque from the electric power steering (EPS) system. If the driver unintentionally drifts too far, the system provides a secondary visual warning.

The 2014 Jeep Cherokee boasts numbers that make the difference for the SUV customer that cares about fuel economy and capability in all weather conditions — fuel economy improvements of more than 45 per cent, more than 70 available safety and security features, numerous industry and segment “firsts,” a nine-speed automatic transmission, a 3.2-litre Pentastar VVT V6 engine with 271 horsepower and 239 lb.-ft. of torque, a 2.4-litre MultiAir2 Tigershark I-4 engine with 184 horsepower and 171 lb.-ft. of torque, over 900 kilometres driving range on a tank of gasoline and three new, innovative 4x4 systems that deliver legendary Jeep capability including crawl ratios of 56:1 with the 2.4-litre engine and 47.8:1 with the 3.2-litre engine, an improvement of up to 90 per cent versus the outgoing model.

The 2014 Jeep Cherokee competes in the mid-size SUV segment, the largest SUV segment in Canada, with over 200,000 sales in 2012.

The all-new 2014 Jeep Cherokee will be available in four different models in Canada and will arrive in volume in dealer showrooms in the third quarter 2013. Customers can choose from the 2014 Jeep Cherokee Sport, Cherokee North, Cherokee Limited and the rugged, Trail Rated Jeep Cherokee Trailhawk.

The Jeep Cherokee mid-size SUV will offer consumers 11 different exterior colours from which to choose: Bright White, Brilliant Black Crystal Metallic, Billet Silver Metallic, Deep Cherry Red Crystal Pearl, Eco Green Pearl, Mango Tango Pearl, Auburn Pearl, Cashmere Pearl, Granite Crystal Metallic, True Blue Pearl, and Anvil.

The Cherokee is built in North America at Chrysler Group's Toledo (Ohio, U.S.A) Assembly Plant.

**About Chrysler Canada Inc.**

Founded as the Chrysler Corporation in 1925, Chrysler Canada Inc. is based in Windsor, Ontario, and celebrates its 88th anniversary in 2013. Chrysler Canada's product lineup features some of the world's most recognizable vehicles, including the Dodge Grand Caravan, Jeep® Wrangler, Chrysler 300 and Ram trucks.

Chrysler Canada is a wholly owned subsidiary of Chrysler Group LLC, one of the world's leading automotive companies. Chrysler Group LLC, formed in 2009 from a global strategic alliance with Fiat Group, produces Chrysler, Jeep®, Dodge, Ram Truck, SRT®, FIAT® and Mopar® vehicles and products. With the resources, technology and worldwide distribution network required to compete on a global scale, the alliance builds on Chrysler's culture of innovation – first established by Walter P. Chrysler in 1925 – and Fiat's complementary technology – from a company whose heritage dates back to 1899. Fiat will contribute world-class technology, platforms and powertrains for small- and medium-sized cars, allowing Chrysler Group to offer an expanded product line including environmentally friendly vehicles.

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