

# GM's New Nine-Speed Transmission Hitting Marketplace

After three years of research and development GM is introducing a nine-speed automatic transmission to the public. Chevrolet's first nine-speed automatic transmission makes its

debut in the 2017 Malibu and will be available in the 2017 Cruze Diesel and 2018 Equinox, said GM spokesman Tom Read. This transmission advances a legacy of multispeed transmissions de-

signed to optimize efficiency, performance and refinement. The new, General Motors-developed Hydra-Matic 9T50 nine-speed is paired with the available 2.0L Turbo engine in the Malibu,

contributing to an EPA-estimated 33 mpg highway – a 3 percent increase over the 2016 model with the eight-speed automatic. "In addition to improved fuel efficiency, the 9T50 offers a

strong overall balance of performance and refinement that customers will feel at all driving speeds," said Dan Nicholson,

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Ed Welburn displays the trophy he designed to honor auto excellence.

### Welburn-Designed Trophy to Honor NAIAS Best Vehicles

by Jim Stickford

If you're going to design something with plenty of style that's related to auto industry, why not have former GM chief designer Ed Welburn do the work. That's exactly what the Automotive Press Association (APA) did when the organization decided to create a trophy to honor the top vehicle winners at the North American International Auto Show. The Welburn-designed trophies were unveiled when the APA announced the finalists for the 2017 North American Car and Truck and Utility Vehicle of the Year (NACTOY) were named at the Detroit Athletic Club on Dec. 6. Detroit Free Press auto writer Mark Phelan spoke on behalf of the APA. He said the idea for the Welburn-designed trophies came

up after he heard a story about how Welburn was known to complain about the look of the trophies GM picked up for the its designs. He said beautiful cars deserved beautiful trophies. That got the people at the APA thinking, Phelan said, that maybe now that Welburn has some free time since his retirement, he might want to take a stab at designing the NACTOY trophies. "What could be better than to have our new trophy created by one of the auto industry's greatest designers," said Phelan. "The board, jury members and sponsors are thrilled to present this work of art to the year's best vehicles, and there's no doubt the winning automakers will display it with pride. The North American Car, Truck and Utility Vehicle

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### Ford Sending the DSO Across Asia for Concert Tour

Music is a form of communication that can cross all languages and Ford Motor Company is putting that idea to practice. Ford and Ford Motor Company Fund, the company's philanthropic arm, are major contributors to what is shaping up to be a historic adventure next year for the Detroit Symphony Orchestra, said Ford spokesman Todd Nissen. For its first international tour in 16 years, the orchestra will perform 11 concerts conducted by Music Director Leonard Slatkin, July 14-29, 2017. Five stops are planned for Japan, and five cities in China – including Shanghai and Chongqing, where Ford has a major manufacturing presence. This will be the Detroit Symphony Orchestra's first visit to China, Nissen said. "The Detroit Symphony Orchestra is more than a collection

of talented musicians," said Jim Vella, president, Ford Motor Company Fund and Community Services. "They are cultural ambassadors for our entire region. We're proud to build on our long history of supporting the orchestra by enabling new audiences to share in the joy of a performance." The China stops are expected to include engagement with Ford employees, continuing the company's special connection to Detroit Symphony Orchestra that dates back to the 1930s when it supported the group's radio broadcasts, nissen said. In addition to being the tour's lead corporate sponsor, Ford supports the orchestra's innovative approach to reaching new audiences through free Live from Orchestra Hall webcasts and Replay, an on-demand archive of

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### Hybrid Pacifica Begins Rolling off the Line

The industry's first-ever electrified minivan, the 2017 Chrysler Pacifica Hybrid, rolled off the line at the Fiat Chrysler Windsor Assembly Plant (Ont.) on Dec. 1, further expanding the company's leadership in the segment. The launch of the Chrysler Pacifica Hybrid marks another milestone for the Windsor plant

as it is the first electric vehicle to be built on its assembly line, said Fiat Chrysler spokeswoman Jodi Tinson. "The nearly 5,900 employees at Windsor Assembly are bringing more than 33 years of minivan production knowledge and expertise to the launch of the Pacifica Hybrid," said Brian Harlow,

head of Manufacturing, FCA – North America. "They understand, now more than ever, how critical it is for our manufacturing processes to be directly connected to our diverse and expanding customer base. "Building the Dodge Grand

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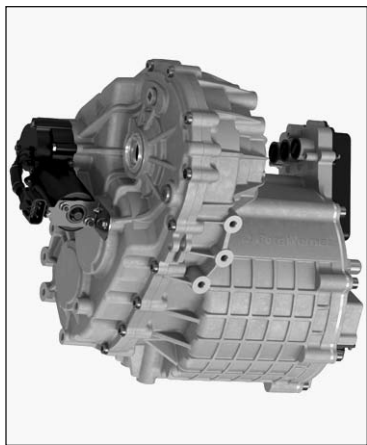
The first Chrysler Hybrid Pacifica rolling off the production line at Windsor Assembly.

### BorgWarner Excited to Face Challenges of Meeting Automotive Industry Tech Needs

by Jim Stickford

The auto industry has always been an exciting place to work, and that's never been more true than in the past few years. At least that's what Scott Gallett, vice president of Marketing, Public Relations and Government Affairs at BorgWarner believes. "I've been in the auto industry for 25 years," Gallett said. "I've always seen it as exciting, and BorgWarner has always been rock solid company that's been exciting to work for. The auto industry is a fun, global industry that is competitive and high tech. It's also a major component of the U.S. and world economies and plays a huge role in the environment." And, Gallett said, while change has always been a part of the industry, the pace of change is growing faster all the time. "The world used to talk about improvement of vehicles at the component level," Gallett said. "That still goes on, but what's not talked about all that often is about how change in the industry is going up another level. Now it's about how a vehicle can get from point A to point B in the best way, whether it's by autonomous technology or ride sharing. That's the new mindset."

BorgWarner still looks at how to improve components because vehicles still need to get from point A to point B in a physical way, Gallett said. But now modern vehicles need new propulsion systems that address issues of efficiency, CO2 emissions, and improved rides. "No one wants to be left behind," Gallett said, "in the competition to get the consumer's attention." That competition by OEMs for new technologies and propulsion systems that didn't exist even a decade ago and has opened up all kinds of opportunities for Tier I suppliers like BorgWarner, Gallett said. The company has spent a great deal of time and money obtaining and developing the new technologies that are driving the industry, Gallett said. For example, about a year ago BorgWarner acquired the company Remy, a global producer of rotating electrical components. Remy produces key automotive technologies and has operations in ten countries on five different continents. Gallett said by acquiring Remy, BorgWarner was able to combine that company's expertise on electrical components with BorgWarner's expertise in mechanical parts to create the



Integrated Electric Drive Module

new Integrated Electric Drive Module (eDM). The eDM, Gallett said, comes in one compact, easy-to-install package that uses BorgWarner's state-of-the-art electric drive motor technology and proven eGearDrive transmission. It features patented high voltage hairpin (HVH) technology that delivers superior performance with over 95 percent efficiency. The eGearDrive transmission part of the module offers a highly efficient gear train and compact, low-weight design with over 97 percent efficiency, Gallett said. As a result, for battery-powered

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BorgWarner Gets  
Ready for the  
Future of Cars

CONTINUED FROM PAGE 1

electric and P4-type hybrid vehicles, the combination delivers more miles from every charge.

Features and benefits of the eDM include:

- Industry-leading power and torque densities.
- Integrated, compact design.
- Internal permanent magnet rotor.
- Highly efficient performance extends electric driving range.
- Optional ePark lock system.

Another new BorgWarner tech component is the 48-volt eBooster Electrically Driven Compressor for combustion and hybrid vehicles, Gallett said.

Turbochargers help small engines deliver the torque and power of larger engines, Gallett said. But it takes time to build up boost pressure, causing a short delay known as turbo lag.

For nearly instant power and torque at the push of the pedal, BorgWarner's eBooster electrically driven compressor delivers boost on demand until the turbocharger takes over. That's small-engine fuel economy with big-engine boost.

Features of the eBoost include:

- Improved performance for hybrid and combustion vehicles.
- Downsizing for up to 35 percent better fuel economy.
- Integrated power electronics.
- Faster response with no perceptible turbo lag.
- Extended boosting over a larger engine speed range.
- More low-end torque.
- Allows larger turbocharger use for more top-end power.

While many people know BorgWarner is a leader in powertrain technology and development, the company is now able to provide complete propulsion systems for EVs and hybrid vehicles, Gallett said.

"We feel we're leading the way," Gallett said. "We've always been a leader in parts development for efficient internal combustion engines and multiple speed transmissions, but as more EVs and hybrids enter the marketplace we will lead the way in developing technology for those vehicles as well."

Gallett said one thing he's noticed over the past few years is that innovation can now come from anywhere.

"In the past, certain companies came up with new innovations and then everyone followed their lead," Gallett said. "People are now used to seeing new phone technology every six months. Now they want cars to be the same way and as a result you don't know who will come up with something new first. The great thing about this industry is that people are so talented. It's not just the engineers, it's the designers, the marketing people. There's so much expertise out there that's being put to use to innovate. That's what I love about the auto industry."

GM's Nine-Speed Transmission Gives More Efficient Ride

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vice president, Global Propulsion Systems. "By the end of 2017, Chevrolet will offer four models with the new nine-speed."

The new nine-speed has a wider 7.6:1 overall ratio – the difference between the first gear ratio and the top gear ratio – compared to the eight-speed transmission, with a "deep" 4.69 first gear that supports excellent off-the-line acceleration and a "tall" 0.62 top gear for low-rpm highway cruising. That balance optimizes acceleration and fuel economy and reduces engine noise during cruising.

"The smaller steps between the gears, compared to the eight-speed, enable smooth, almost imperceptible upshifts, for excellent refinement," said Nicholson. "No matter the engine torque or vehicle speed, the 9T50 is always in the perfect gear."

The new transmission also supports stop/start technology that can help save fuel by allowing the engine to shut down in certain stop-and-go driving conditions.

"Everything about the new nine-speed is designed to maximize benefits for the customer," said Steve Majoros, director of Chevrolet Marketing. "It helps offer greater fuel efficiency in the city and on the highway, all with the world-class refinement that makes the drive quiet and smooth."

GM will deploy the new nine-speed automatic transmission as an option on 10 vehicle models by the end of 2017.

Developed for the tight packaging requirements of transverse propulsion systems, the new 9T50 nine-speed automatic has an on-axis design, where all the gears are in line with the crankshaft, and GM's first application

of a selectable one-way clutch, Read said. Both features help reduce the package size, making it roughly the same size as a six-speed transmission.

The selectable one-way clutch, which can hold torque or free-wheel, depending on the desired operating mode, contributes to a smaller overall size by eliminating the need for an additional clutch pack.

"The selectable one-way clutch is one of the biggest enablers of the 9T50's balance of efficiency and refinement," said Steve Saia, chief engineer. "It also symbolizes GM's acumen when it comes to designing advanced, compact multispeed transmissions."

For precise and smooth shifts, a specific strategy is used in the selection of the gearsets, clutches and torque converter. Five planetary gearsets are used with four stationary clutches and three rotating clutches, saving space compared to freewheeling designs. Gears change from second- to ninth-gear ratios with precise clutch-to-clutch shifting, where the clutch is engaged in one gear at exactly the same time it is released from another.

The first-to-second upshift is a freewheeling shift, Read said. The second-gear clutch engages while the first-gear one-way clutch spins freely, contributing to greater refinement at lower vehicle speeds.

Additionally, this planetary-type automatic transmission employs new torque converter technology to help it deliver smooth take-off performance and additional refinement. The converter features a hyper-elliptical oval cross-section that reduces the thickness of the torque converter, keeping the overall width of the engine and transmission as narrow as possible for packaging advantages.



GM's new nine-speed transmission is the result of years of research.

The single-plate lock-up clutch uses GM's electronically controlled capacity clutch (ECCC) technology to dampen engine vibrations and ensure smooth operation, Read said.


Shift controls include automatic grade braking that selects a lower gear to help maintain desired vehicle speed when coasting or braking on a downgrade. This takes advantage of engine braking to help prevent unwanted acceleration and can help reduce the need to brake during a descent. The control module receives input that monitors brake pedal usage, vehicle acceleration, throttle position, grade and whether a trailer is connected to the vehicle.

The 9T50's hydraulic system is controlled electronically to deliver the pressure and volume required for various operating temperatures for optimal efficiency. The valve body side cover acts as an internal expansion tank, holding the excess oil until it is required and then returning it to the sump when needed.

The 9T50 uses DEXRON-VI fluid that does not require changing under normal driving conditions. It was developed for a more consistent viscosity profile, consistent shift performance in extreme conditions and less degradation over time.

A unique accumulator within the new nine-speed transmission enables virtually seamless stop/start transitions for greater refinement, Read said. The accumulator stores energy for almost imperceptible engine restarts, while GM-designed transmission software calibrated for those restarts further contributes to smooth takeoffs.

GM-developed transmission control logic resides in a 32-bit transmission control module (TCM). This module commands all shifting events to provide smooth and precise ratio changes. The TCM also monitors transmission performance and compensates for normal wear in components such as clutch plates so that performance remains consistent.



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## The 2017 Hybrid Chrysler Pacifica Rolls Off the Line

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Caravan, the Chrysler Pacifica with the traditional gas powertrain and now the Chrysler Pacifica Hybrid on the same assembly line requires the expanded application of World Class Manufacturing methods and tools to ensure we deliver world class quality in every vehicle we make. The Windsor team is proud to build the industry's first hybrid minivan, and is confident that it will provide a positive and delightful experience to our future customers."

Since launching the first minivan in 1983, the Windsor plant has built 10 million of the more than 14.3 million vehicles that have been sold to date, Tinson said.

While the 2017 Chrysler Pacifica reinvented the minivan segment, the Pacifica Hybrid builds on its functionality, versatility, technology and bold styling with the addition of electrification technology, making it the most fuel-efficient minivan ever for hauling people and cargo, Harlow said.

The hybrid version of the sixth-generation family hauler will deliver a U.S. Environmental Protection Agency (EPA) approved range of 33 miles solely on zero-emissions electric power from a 16-kWh lithium-ion (Li-ion) battery, Harlow said. The

Pacifica Hybrid also earned a fuel-economy rating of 84 miles-per-gallon-equivalent (MPGe) from the EPA, reflecting the vehicle's combined city- and highway-cycle performance in electric-mode only, as tested.

"Minivan drivers travel an average of around 30 miles each day, meaning that most Pacifica Hybrid owners will be able to complete their daily activities solely on electric power," said Tim Kuniskis, head of Passenger Car Brands, Dodge, SRT, Chrysler and Fiat, FCA - North America. "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 battery pack – packaged under the second-row floor in a unique battery case to retain maximum interior volume for both passengers and cargo – may be fully recharged in as little as two hours using a 240-volt plug-in system, Harlow said.

Fiat Chrysler invested \$2.6 billion USD to develop the Pacifica, including its hybrid counterpart, with \$744 million USD (over \$1 billion CAD\*) allocated to the plant to add floor space, retool and upgrade equipment, Tinson said. The Pacifica Hybrid pricing starts at \$34,495 with available U.S. federal tax credit, not including state and local incentives.

## AWD Challenger Lives Up to its Name

Being a leader in the marketplace often means doing things that the competition isn't doing.

"It's absolutely true that Dodge is a leader in the muscle car market. The Challenger GT completes the Dodge lineup of all-wheel-drive muscle cars, giving more options to people who want a muscle car and the ability to drive it all year-round, in various weather conditions," said Fiat Chrysler spokeswoman Claire Carroll.

The new 2017 Dodge Challenger GT all-wheel drive (AWD) delivers the performance, power and all-weather capability to carve through some of the worst weather Mother Nature can dish out, Carroll said.

"Dodge is shifting the muscle car paradigm with the new 2017 Dodge Challenger GT – the world's first and only all-wheel-drive American muscle coupe," said Tim Kuniskis, head of Passenger Cars – Dodge, SRT, Chrysler and Fiat, FCA – North America. "The Challenger has always been the most wide-ranging and functional muscle coupe, and now, with the new 305-horsepower all-wheel-drive Challenger GT, we are stretching the functional and geographic boundaries even further."

The new 2017 Dodge Challenger GT AWD model has a starting U.S. Manufacturer's Suggested Retail Price (MSRP) of \$33,395 (excluding \$1,095 destination charge).

With production beginning in



The 2017 AWD Challenger Coupe

January, the all-wheel-drive Dodge Challenger GT is scheduled to arrive at Dodge dealerships nationwide in the first quarter of 2017, Carroll said.

The 2017 Dodge Challenger GT AWD features Dodge's award-winning 3.6-liter Pentastar V6 engine, delivering 305 horsepower at 6,350 rpm and a responsive 268 lb.-ft. of torque at 4,800 rpm.

A tuned induction system and dual exhaust from the manifolds back to the tips help deliver more than 90 percent of the engine's peak torque from 1,800 to 6,400 rpm – all for great drivability and responsiveness, Carroll said. With the standard Torque-Flite eight-speed automatic transmission, Challenger GT offers up to an EPA-estimated 18 city/27 hwy miles per gallon (mpg).

The Dodge Challenger GT features Dodge's high-performance all-wheel-drive system. Also found in the Charger AWD, this technologically advanced system includes an active transfer case and front-axle disconnect for excellent all-season performance and fuel economy.

The Challenger GT transitions between rear-wheel drive and all-wheel drive with no driver intervention, Carroll said.

Under normal driving conditions, the front axle is disengaged and 100 percent of the engine's torque is directed to the rear wheels.

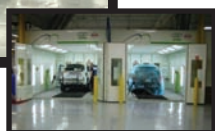
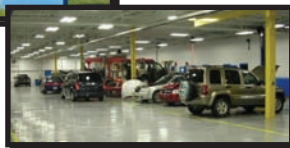
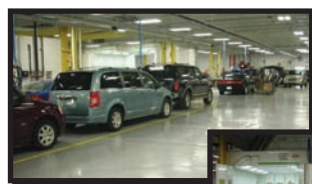
This preserves the outstanding fun-to-drive performance and handling characteristics inherent to rear-wheel-drive vehicles, Carroll said.



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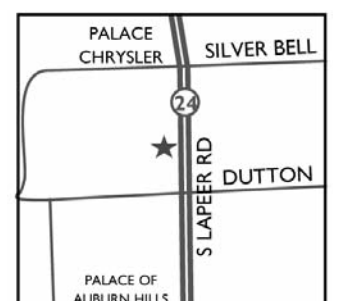


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A rendering of the updated Motown Museum, which is sponsored in part by Ford.

## Ford Contributes to Motown’s Museum

You can say you didn’t hear this news on the grapevine.

In 1959, Berry Gordy started Motown Records in Detroit. He modeled his business, which became a global hit-making factory, after the Ford Motor Company assembly line, said Ford spokesman Todd Nissen.

Now, Ford and UAW-Ford are part of the Motown story again, announcing a \$6 million investment as lead donor in a \$50 million expansion of Motown Museum, Nissen said. The museum is the location of the famous Hitsville U.S.A. house and Studio A, where Motown Records changed the music industry .

“We are thrilled to play a role in the next chapter of a global music icon,” said Joe Hinrichs, Ford’s president of The Americas, who will hold a leadership position as part of the museum’s expansion efforts.

“The enhanced museum will not only upgrade the visitor experience, it also fits with our

commitment to investing in the cultural heritage of Detroit and southeast Michigan.”

“It is very gratifying to support the expansion of the Motown Museum, and in doing so, we strengthen an institution that has great historical and cultural significance to our region and the world,” said Jimmy Settles, UAW vice president.

“This partnership also allows us to continue our commitment to the Motown Museum’s surrounding community, which is a community that many Detroit natives treasure.”

As part of the Ford and UAW-Ford investment, the expanded Motown Museum will include:

- Ford Motor Company Theater, a state-of-the-art performance venue.
- Educational, music and other programming tied to Ford’s ongoing student and community outreach initiatives.
- CARaoke Experience, in which visitors take part in an in-

teractive Ford-branded activity that incorporates music with Fords.

Ford will be the official vehicle of Motown Museum, said Nissen.

“Motown and Ford Motor Company have wide and deeply connected roots,” said Robin R. Terry, chairwoman and CEO of Motown Museum. “As two Detroit-born brands, they have had – and continue to have today – a transformative and profound impact on creativity and innovation around the world.

“We are honored by the commitment that Ford Motor Company and UAW-Ford have made toward this exciting expansion,” said Terry. “As the lead donors and committed partners in our vision, their support will help us bring a first-class destination to Detroit and the world, and will ensure that this important musical and cultural legacy is preserved and positioned to inspire the next generation of creative and innovative minds.”

## GM Prices the New 2018 Chevrolet Equinox

Chevrolet released the price for the next-generation 2018 Equinox will start at \$24,475 when it goes on sale this spring.

The manufacturer’s suggested retail price includes the destination charge but excludes tax, title and additional dealer fees, said GM spokeswoman Tara Kuhn.

“In a word, crossover customers want one thing: everything. From comfort and connectivity to efficient performance and safety, the all-new 2018 Chevrolet Equinox delivers on all counts,” said Steve Majoros, director of marketing, Chevrolet Cars and Crossovers.

The 2018 Equinox will offer three turbocharged engines – including the segment’s first turbodiesel – providing customers more choices when it comes to performance, efficiency and capability.

The standard 1.5L engine will be available at launch, with the



The 2018 Chevy Equinox

2.0L Turbo and diesel options available in the second quarter of 2017, Kuhn said. The 2.0L engine will be coupled to GM’s new nine-speed automatic transmission, offering an exciting driv-

ing experience with more horsepower and torque.

The 2018 Equinox will be available in L, LS, LT and Premier trim levels, in FWD or AWD combinations.

## U-D Mercy Gets STEM Funds

A major grant from the Henry Luce Foundation’s Clare Boothe Luce Program will provide funding for a new female professor of mechanical engineering specializing in assistive technology at University of Detroit Mercy’s College of Engineering & Science.

The Clare Boothe Luce Program is dedicated to increasing the participation of women in the sciences and engineering at every level of higher education and serves as a catalyst for colleges and universities in their own efforts toward this goal, said school spokesman Ron Bernas.

The five-year, \$476,000 grant will help the University attract and fund a tenure-track assistant or associate professor position to be filled by a female candidate. She will be the only current Clare Boothe Luce Professor at any college or university in Michigan.

“This Clare Boothe Luce award serves the dual purpose of advancing University of Detroit Mercy’s and the nation’s strategic goal of increasing the representation of female faculty and students in the STEM fields, while simultaneously propelling our engineering program to the forefront of assistive technology,” said Detroit Mercy President Antoine M. Garibaldi.

“This grant is fundamentally important for bringing in role models for young women,” said Gary Kuleck, dean of the College of Engineering & Science. “I have made it one of the College’s highest priorities to increase the representation of women in physical

and computer science and engineering, and the Clare Boothe Luce Professor will have an immediate impact.”

The significance of female academic role models in female students’ choice of career path has been clearly documented, Kuleck said. The new position will help foster an academic climate that nurtures female professors and students in STEM.

This professorship will be the first hire at Detroit Mercy dedicated specifically to the assistive technologies program, in which adaptive and rehabilitative devices are designed for people with disabilities.

This eight-year-old program collaborates closely with Detroit Mercy’s College of Health Professions and the College of Engineering & Science, and is looking to a potential future collaboration with the School of Law.

## Disney’s Pixar Plans 2017 NAIAS Event

Pixar Animation Studios, will participate in the 2017 NAIAS - hosting a press conference on Sunday, Jan. 8, 2017, including an early look at their upcoming summer film, “Cars 3” and the debut of a life-size version of one of the film’s stars.

“Having Pixar choose to join NAIAS and share an early sneak peek at their next film – from one of the most famous movie franchises in the studio’s storied history – is proof that Detroit is home to all facets of automotive, whether it’s fantasy or real-life,” said Sam Slaughter, 2017 NAIAS chairman.

Along with its much-anticipated press conference, Pixar will create a special “Cars 3”-themed display on the show floor for the thousands of journalists and nearly a million individuals that will visit during the run of show.

“With every film that we make at Pixar, we do our best to create worlds and characters that ring true to our audiences,” said “Cars 3” director Brian Fee.

“A huge part of doing this successfully lies in the extensive research that we do on each film. ‘Cars 3’ is a love letter to racing and its roots, so we could not be more excited to be a part of the North American International Auto Show to share a little bit of our film with our fellow car enthusiasts.”

Pixar’s press conference will take place Sunday afternoon on Cobo Center’s main Atrium stage. That same afternoon, John Krafcik, CEO of Google’s Self-Driving Car Project will keynote the kickoff to AutoMobile-D. Directed by Brian Fee and produced by Kevin Reher, “Cars 3” hits theaters on June 16, 2017.

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Reg. \$119.95  
Inspect and test radiator for leaks. Inspect hoses and belts, flush radiator system. Install up to 2 gallons of coolant.  
(Use-Cool extra hazardous waste & disposal extra.  
Most Cars. Must Present Ad At The Time Of Service. Cannot Be Combined With Any Other Coupon Or Discounts. With MP Coupon. Offer Expires 12-31-16.

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**Get the repairs you need. NO INTEREST FOR 6 MONTHS**

With approved credit. See store for details.

**CarCare ONE**

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**If you currently have a CarCare One Credit Card from any of the following, you can use it here!**

We accept: AAMCO, Auto Value-Bumper to Bumper, Car Quest, Discount Tire, Federated Auto Parts, Ford Motor Company, GE Capital Auto, Maaco & Meineke, Midas, NAPA, Parts Plus, Pep Boys, Tuffy, Ziebart, Cooper Tire, Michelin and Yokohama Tire.

**2 YEARS 24,000 MILE WARRANTY**

On most repairs. See store for details.

**OVER 75 YEARS OF EXPERIENCE**

**WE SELL TIRES**

**QUALITY SERVICE YOU CAN TRUST!**

**NATIONAL FLEET ACCOUNTS WELCOME**

We Accept All Extended Warranties Including GM, Chrysler, Ford, Etc.

**FRONT END ALIGNMENT**

**\$39<sup>95</sup>**

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**FREE ALIGNMENT WITH PURCHASE OF 4 TIRES**

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**FREE BRAKE INSPECTION**

**MONROE**

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**\$179<sup>95</sup>**

Service Only.

Includes Front or Rear Pads, Rotors & Labor  
Some Restrictions May Apply. Prices Subject To Change. Most Cars. Call For Details, Must Present Ad At The Time Of Service. Cannot Be Combined With Any Other Coupon Or Discounts. With MP Coupon. Offer Expires 12-31-16.

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**Beer Brewing Equipment Kit**

**BREWER'S BEST DELUXE**

**Brewing Equipment Kit**

**\$109.95**

(Separately would cost \$149.10)

**KIT INCLUDES:**

- Three piece airlock • 5 gallon glass carboy
- Drilled universal stopper for the carboy
- Ale Pail primary fermentation bucket
- Ale Pail lid with grommet
- Bottling bucket with spigot • Plastic stir paddle
- Carboy brush • Bottle brush
- Capper • EZ Clean cleanser
- Beginners Handbook • Hydrometer
- Lab thermometer • Thermometer
- Stick-on thermometer
- Auto Siphon with 3' of tubing • Bottle filter

5919 Chicago Rd. • Warren, MI

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# NAIAS Car, SUV Truck of Year Finalists Named

CONTINUED FROM PAGE 1

awards are our industry's most prestigious and highly desired. This new trophy gracefully embodies the style that has won automotive design a special place in the world of art."

The North American Car, Truck and Utility Vehicle of the Year will be announced at the North American International Auto Show in Detroit Monday, Jan. 9, 2017.

The finalists for the awards are:

- Car of the Year
  - Chevrolet Bolt;
  - Genesis G90;
  - Volvo S90.
- Truck of the Year:
  - Ford F-series Super Duty
  - Honda Ridgeline;
  - Nissan Titan.
- Utility Vehicle of the Year
  - Chrysler Pacifica;
  - Jaguar F-Pace;
  - Mazda CX-9.

"Let me tell you about the trophies I designed," Welburn said. "I wanted to create ones that live up to the prestige that comes with this award. I want to the award to be an inspiration to the winners and to the excellent engineers and designers in the industry."

Welburn said that the design he ultimately settled on was meant to be timeless. And it was meant to evoke the auto industry as a whole and not one particular brand.

"Today's North American auto industry is alive," Welburn said. "There are so many trends and great designs out there. A great vehicle can come from anywhere. I am proud to have a part in the award that will be given out for years to come."

Phelan said that there were two Welburn-designed vehicles on display for a reason.

The larger car will be mounted on a stand and the names of the winning vehicles will be etched on plaques placed on the trophy stand much the same way the Stanley Cup has been mounted on a stand. This trophy will be placed on display at the Cobo Center. The second, smaller designed car will be part of a trophy that will be given to individual winners. They will get to keep the smaller trophies.

# Ford Sending the DSO on Tour Across Asia

CONTINUED FROM PAGE 1

more than 100 performances. Ford supports orchestra performances in neighborhoods around metro Detroit.

Music will include Copland's Symphony No. 3, Bernstein's Candide overture, McTee's Double Play, Gershwin's Rhapsody in Blue, Tchaikovsky's Symphony No. 4, Korngold's Violin Concerto and Takemitsu's Far Calls. The tour launches July 9 with a free afternoon concert at Orchestra Hall that will be webcast.

"This tour requires a strong collective of thoughtful and strategic partners," said Anne Parsons, Detroit Symphony Orchestra president and CEO. "I particularly want to thank Ford and all of our current supporters."

Ford Motor China is home to the company's Asia Pacific headquarters in Shanghai, as well as 10 manufacturing plants, including five in Chongqing, and a regional research and development center, Nissen said.

Last year, Ford sold more than 1.1 million vehicles in China, now the world's largest automotive market.

# LARGEST MONDAY SUPER SALE EVER HELD!

## DECEMBER LEASE SPECIAL

**2017 JEEP COMPASS HIGH ALTITUDE**  
J7-50419

Lease For **\$108\*\***  
36 Mo  
\$0 DUE

**HUGE INVENTORY FOR IMMEDIATE DELIVERY!**

2.4L DOHC, 6 Speed Auto. Trans, Leather Seats, Power Sunroof.

**405 2017 COMPASS AVAILABLE!**

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**It's Always Truck Month at Dick Huvaere's In Richmond, Michigan**

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**CLIP THESE VALUABLE HUVAERE EXCLUSIVE COUPONS! CAN SAVE YOU UP TO \$100 A MONTH ON A 24-MONTH LEASE**

**EXCLUSIVE HUVAERE 1500 CREW CAB HEMI BONUS CASH \$2250**

In stock new 2014, 2015, 2016 and 2017 vehicles only. Must present coupon. Prior sales excluded. One coupon per purchase or lease. Not valid with \$1000 November Bonus Cash or \$2000 December Trade-In Bonus Cash. Excludes Camaros, Mustangs & other models. See dealer for details. Valid only 12/12/16.

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## HOTTEST LEASE SPECIALS OF THE YEAR!

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**SO MANY LEASE SPECIALS TO CHOOSE FROM**

**HUGE MONDAY SALE! 1 DAY!**

**8:30AM-9:00PM**

**EARLY OUT ON ALL LEASES!**

*Don't Spend Another Dime on Your Current Lease. Bring It to Us As Is...Let Us Get You Out Of It! See Dealer for Details.*

## DECEMBER LEASE SPECIAL

**2017 DODGE GRAND CARAVAN GT**

Lease For **\$107\*\***  
24 Mo  
\$995 Due

**24 Mo 1 Pay LEASE \$3499\*\***

• **Leather Trimmed Seats • Heated Steering Wheel • Heated Front Seats • Remote Start • Power Liftgate • Roof Rails • Rear Air w/Heater**

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## CHRYSLER

### DECEMBER BUY SPECIALS

**2015 Chrysler 300 S** C5-30269

**SALE PRICE \$25,384\***

• Navigation • Dual Pane Sunroof

**2016 Chrysler 300 S Alloy Edition**

**LEASE FOR \$118\*\***  
24 Mos. \$1295 due

**2015 Chrysler 300 S** C5-30307

**SALE PRICE \$28,167\***

**2016 Chrysler 300 S AWD Alloy Edition**

**LEASE FOR \$109\*\***  
24 Mos. \$1195 due

### ALL NEW 2017 CHRYSLER PACIFICA

**SALE PRICE \$22,399\*** or **LEASE FOR \$109\*\***  
27 Mos. \$1325 due

**\$1800 HUVAERE CASH!**

### ALL NEW 2017 CHRYSLER PACIFICA TOURING L

**Touring L LEASE FOR \$149\*\***  
24 Mos. \$1995 due

**Your Choice! Great Lease Payments!**

**Touring L Plus LEASE FOR \$209\*\***  
24 Mos. \$1995 due

### ALL NEW 2017 CHRYSLER PACIFICA LIMITED

**SALE PRICE \$32,999\*** or **LEASE FOR \$269\*\***  
24 Mos. \$1995 due

**\$1800 HUVAERE CASH!**

## Jeep

### 2017 Patriot High Altitude

**4x2 LEASE FOR \$105\*\***  
24 Mos. \$295 due

**24 Mo 1 PAY LEASE \$3399\*\***

• **Leather • Sunroof • Power Driver's Seat**

**2016 Jeep Cherokee Limited 4x4 High Altitude Edition**

**LEASE FOR \$206\*\***  
36 Mos. \$1995 due

• **Leather • 18" Black Aluminum Wheels • Don't Wait! Won't Last Long!**

**2015 JEEP RENEGADE LATITUDE 4X4**

**SALE PRICE \$16,372\***

**2016 JEEP RENEGADE LATITUDE**

**LEASE FOR \$131\*\***  
36 Mos. \$1305 due

**2015 JEEP RENEGADE LIMITED 4X4**

**SALE PRICE \$19,995\***

**2017 JEEP GRAND CHEROKEE LAREDO 4X4**

**LEASE FOR \$158\*\***  
24 Mos. \$1995 due

**2017 JEEP WRANGLER UNLIMITED SAHARA 4X4**

**SALE PRICE \$37,670\***

**2017 JEEP WRANGLER UNLIMITED 4X4**

**SALE PRICE \$29,999\***



**67567 S. Main St. Richmond**

## DECEMBER LEASE SPECIAL

**2017 JEEP COMPASS HIGH ALTITUDE 4X4**  
J7-50183

Lease For **\$118\*\***  
36 Mo  
\$0 Due

**HUGE INVENTORY FOR IMMEDIATE DELIVERY!**

• **Leather Seats • Power Sunroof • Power Driver's Seat • Bright Side Roof Rails • High Altitude Package**

**405 2017 COMPASS AVAILABLE!**

\$\$\$

## RAM

**2017 RAM 1500 CREW CAB 4X4**

**27 Mo 1 Pay LEASE \$4457\*\***

**LEASE FOR \$105\*\***  
27 Mos. \$1995 due

**\$2250 HUVAERE CASH**

• **Side Steps • Spray-in Bedliner • Hitch**

**2017 RAM 1500 CREW CAB 4X4**

**LEASE FOR \$115\*\***  
27 Mos. \$1995 due

**\$2250 HUVAERE CASH**

**DICK HUVAERE'S IS YOUR RAM STORE**

**DECEMBER IS A GREAT MONTH TO LEASE A RAM!**

**2017 1500 CREW CAB 4X4 BIG HORN**

**LEASE FOR \$149\*\***  
27 Mos. \$1995 due

• **Big Horn • Spray-in Bedliner • Heated Seats • Alpine Speakers • Side Steps**

**ABSOLUTE BEST DEALS ARE AT DICK HUVAERE'S**

**DECEMBER IS A GREAT MONTH TO LEASE A RAM!**

**2017 1500 CREW CAB 4X4 BIG HORN**

**LEASE FOR \$157\*\***  
27 Mos. \$1995 due

• **5.7 Hemi • Big Horn • Spray-in Bedliner • 26S Package • Premium Interior • And So Much More**

**ABSOLUTE BEST DEALS ARE AT DICK HUVAERE'S**

**2017 RAM 1500 CREW CAB 4X4 REBEL**

**GREAT SELECTION OF REBELS!**

**LEASE FOR \$239\*\***  
24 Mos. \$1995 due

**\$2250 HUVAERE CASH**

**2017 RAM CREW CAB 4X4 LARAMIE**

**\$2250 HUVAERE CASH**

**LEASE FOR \$269\*\***  
24 Mos. \$1995 due

**2017 RAM!**

## DODGE

### HOTTEST JOURNEY LEASE DEAL FOR 2016!

**2017 Dodge Journey GT**

**LEASE FOR \$163\*\***  
24 Mos. \$1995 due

• **Navigation • Backup Camera • Leather**

**2015 Dodge Journey Limited**

**SALE PRICE \$23,999\***

**2015 Dodge Journey R/T AWD**

**SALE PRICE \$26,452\***

**2016 DODGE CHALLENGER HELLCAT SRT**

**SALE PRICE \$60,425\***

**2016 DODGE CHALLENGER SCAT PAK**

**SALE PRICE \$35,668\***

**2016 DODGE CHALLENGER RT CLASSIC**

**SALE PRICE \$32,902\***

**2016 DODGE CHARGER SXT AWD**

**LEASE FOR \$148\*\***  
36 Mos. \$1995 due

**\$1800 HUVAERE BONUS CASH!**

**2017 GRAND CARAVAN SXT**

**LEASE FOR \$111\*\***  
24 Mos. \$1795 due

**2017 GRAND CARAVAN SE**

**LEASE FOR \$108\*\***  
24 Mos. \$1795 due

**2017 GRAND CARAVAN GT**

**LEASE FOR \$107\*\***  
24 Mos. \$1795 due

**2017 DODGE DURANGO SXT AWD**

**LEASE FOR \$236\*\***  
24 Mos. \$1995 due

**2017 DODGE DURANGO LIMITED**

**LEASE FOR \$296\*\***  
24 Mos. \$1995 due

**866-610-0090**

**Online at: DriveEnvy.com**

**SALE HOURS:**

- **Mon & Thurs 8:30-9:00**
- **Tue, Wed & Fri 8:30-6:00**
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**BIG FINISH 2016**

Picture may not reflect actual vehicle. \*The FCA US LLC (formerly Chrysler Group) Employee Advantage Purchase program sale prices and lease payments quoted. Just add tax, title, doc fee and destination charge. \*\*24, 27, 30, 36 month FCA US LLC employee leases. The amount due on all leases require amount due plus monthly tax, cap cost reduction tax, first payment, title, plate, doc fee and destination charge. Security deposit is waived on all lease payments. Lease payments are 10,000 miles per year. 20 cents per mile then 15¢ or 25 cents then Chrysler Capital for excess mileage. Customer must qualify for 1 or 3 year credit approval. Payments subject to change due to lower approved credit tier. Banks may require to prove income and residency for credit approval. Customer is responsible for excess wear and tear. Total deferred price is the sum of the purchase price, plus doc fee, plate fee, sales tax, and accrued finance charges over the term of the loan. All rebates and program monies assigned back to dealer. All prices and lease payments are based off FCA US LLC incentives thru the Great Lakes Business Center. Rebates as retail consumer cash, lease cash, lease loyalty, military, conquest lease loyalty, finance bonus cash and all other Great Lakes offers will be applied. The dealer invoice amount is not a net factory price to dealer. Customers may not qualify for all offers, incentives, discounts or financing offers. See dealer for qualifications and complete details. Excludes Huvaere new car cash coupon has been applied to all sale and lease payments in this ad. Vehicle sale prices include Chrysler Capital bonus cash-must finance thru Chrysler Capital. Ram leases include Great Lakes Truck Conquest Bonus cash. \*Sale prices include lessee loyalty retail bonus cash, customer must qualify. 1.84 month buy, 2.99% APR with approved credit.



## GM Expands Use of Back Seat Safety Tech

"The vehicle safety training best practices workshop continues the spirit of collaboration we as an industry are creating together," said Kristen Kreibich, safety advocate, Fiat Chrysler. "Improving vehicle safety training is an important part of empowering our industry to address areas of customer safety



- The Good Life 2.0: Bigger isn't always better, and ownership does not equate with happiness. Consumers are finding joy in less, where "good" encompasses not just possessions, but also experiences and values.

**HELLCATS-CHARGERS & CHALLENGERS**  
**SOLD AT EMP. PRICE or LOWER**

**USE YOUR UAW RETIREE'S VOUCHER FOR UP TO \$1000**

**BIG FISH 2016**

**"THANK YOU TO ALL OUR LOYAL CUSTOMERS! MIKE RIEHL'S ROSEVILLE CHRYSLER DODGE JEEP RAM IS CELEBRATING 50 YEARS OF SERVING YOU".**

**2016 CHRYSLER 300S**

**20%**  
REBATE ON SELECT INVENTORY

**SALE PRICE \$25,499**

LEASE FOR \$1999 DOWN MSRP \$38,080

**\$179\*** 24 MO. 10K

**2016 DODGE JOURNEY R/T AWD**

**20%**  
REBATE ON SELECT INVENTORY

**SALE PRICE \$23,342**

LEASE FOR \$1999 DOWN MSRP \$35,285

**\$149\*** 24 MO. 10K

**2017 JEEP COMPASS High Altitude FWD**

**SALE PRICE \$18,793**

LEASE FOR \$1999 DOWN MSRP \$27,035

**\$72\*** 24 MO. 10K

**2017 RAM 1500 SLT Crew Cab Big Horn 4x4**

LEASE FOR \$1999 DOWN MSRP \$45,810 WITH RETURNING LEASE OR CONQUEST LEASE

**\$148\*** 24 MO. 10K

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Must qualify for Chrysler Employee Advantage discount for all sale prices and lease payments. \*Plus tax, title, license, CVR and doc fee and destination charge. \*\*All leases based on 10,000 miles per year. Plus tax, title, license and doc fee and destination charge. No security deposit required. Must qualify for preferred credit rating, not everyone will qualify. All rebates assigned to dealer. Save even more with military rebate. Sale prices and lease payments include consumer cash rebate, lease cash, and Chrysler Capital Bonus Cash. Must finance through Chrysler Capital. Not everyone will qualify subject to credit approval. Pictures may not represent actual vehicles. Must take delivery from dealer inventory by 12/23/2016.



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MOTOR VILLAGE

BIG<sup>FINISH</sup>  
2016



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New 2016 Chrysler 300 S, Alloy Edition

- 24v Pentastar V6
- Heated leather seats
- Premium audio with 552 watt amplifier
- Remote start
- Rear camera
- 20 inch aluminum wheels

EMPLOYEE, RETURNING LEASE	EMPLOYEE, NO LEASE	NON-EMPLOYEE, RETURNING LEASE	NON-EMPLOYEE, NO LEASE
24 Mo/ <u>10,000</u> Miles <b>\$262</b>	27 Mo/ <u>10,000</u> Miles <b>\$279</b>	39 Mo/ <u>10,000</u> Miles <b>\$290</b>	39 Mo/ <u>10,000</u> Miles <b>\$305</b>
24 Mo/ <u>12,000</u> Miles <b>\$279</b>	27 Mo/ <u>12,000</u> Miles <b>\$294</b>	39 Mo/ <u>12,000</u> Miles <b>\$299</b>	39 Mo/ <u>12,000</u> Miles <b>\$314</b>
24 Mo/ <u>15,000</u> Miles <b>\$296</b>	39 Mo/ <u>15,000</u> Miles <b>\$292</b>	39 Mo/ <u>15,000</u> Miles <b>\$318</b>	39 Mo/ <u>15,000</u> Miles <b>\$332</b>

No surprises, no cash required.

Sales taxes? Paid. Destination Charges? Paid. License and Title fees? Paid. First lease payment? Paid. Documentation and Acquisition charges? Paid...and Paid.

STK. #HC707223



2017 Grand Cherokee

- 4 Wheel drive
- Dual zone auto temperature control
- Power seat
- 17 inch aluminum wheels
- Touch screen display
- 23E option package

EMPLOYEE, RETURNING LEASE	EMPLOYEE, NO LEASE	NON-EMPLOYEE, RETURNING LEASE	NON-EMPLOYEE, NO LEASE
36 Mo/ <u>10,000</u> Miles <b>\$256</b>	36 Mo/ <u>10,000</u> Miles <b>\$314</b>	36 Mo/ <u>10,000</u> Miles <b>\$295</b>	36 Mo/ <u>10,000</u> Miles <b>\$354</b>
36 Mo/ <u>12,000</u> Miles <b>\$267</b>	36 Mo/ <u>12,000</u> Miles <b>\$325</b>	36 Mo/ <u>12,000</u> Miles <b>\$306</b>	36 Mo/ <u>12,000</u> Miles <b>\$364</b>
36 Mo/ <u>15,000</u> Miles <b>\$287</b>	36 Mo/ <u>15,000</u> Miles <b>\$346</b>	36 Mo/ <u>15,000</u> Miles <b>\$327</b>	36 Mo/ <u>15,000</u> Miles <b>\$385</b>

STK. #HS530152



2017 Ram 1500 Express Crew Cab

- 4x4, 8-speed automatic transmission
- Electric shift on demand transfer case
- Class IV hitch
- Remote keyless entry
- 20 in black aluminum wheels
- Voice command w/Bluetooth

EMPLOYEE, RETURNING LEASE	EMPLOYEE, NO LEASE	NON-EMPLOYEE, RETURNING LEASE	NON-EMPLOYEE, NO LEASE
36 Mo/ <u>10,000</u> Miles <b>\$254</b>	36 Mo/ <u>10,000</u> Miles <b>\$285</b>	36 Mo/ <u>10,000</u> Miles <b>\$305</b>	36 Mo/ <u>10,000</u> Miles <b>\$356</b>
24 Mo/ <u>12,000</u> Miles <b>\$260</b>	36 Mo/ <u>12,000</u> Miles <b>\$297</b>	36 Mo/ <u>12,000</u> Miles <b>\$316</b>	36 Mo/ <u>12,000</u> Miles <b>\$348</b>
24 Mo/ <u>15,000</u> Miles <b>\$278</b>	36 Mo/ <u>15,000</u> Miles <b>\$320</b>	36 Mo/ <u>15,000</u> Miles <b>\$340</b>	36 Mo/ <u>15,000</u> Miles <b>\$371</b>

STK. #GT157680



2017 Dodge Journey R/T

- Third row seating
- Premium sound system
- Heated leather seats and steering wheel
- Remote start, power seat and more
- 3 zone auto temp control

EMPLOYEE, RETURNING LEASE	EMPLOYEE, NO LEASE	NON-EMPLOYEE, RETURNING LEASE	NON-EMPLOYEE, NO LEASE
24 Mo/ <u>10,000</u> Miles <b>\$176</b>	36 Mo/ <u>10,000</u> Miles <b>\$217</b>	24 Mo/ <u>10,000</u> Miles <b>\$229</b>	36 Mo/ <u>10,000</u> Miles <b>\$255</b>
24 Mo/ <u>12,000</u> Miles <b>\$191</b>	36 Mo/ <u>12,000</u> Miles <b>\$226</b>	24 Mo/ <u>12,000</u> Miles <b>\$243</b>	36 Mo/ <u>12,000</u> Miles <b>\$264</b>
24 Mo/ <u>15,000</u> Miles <b>\$206</b>	36 Mo/ <u>15,000</u> Miles <b>\$244</b>	24 Mo/ <u>15,000</u> Miles <b>\$259</b>	36 Mo/ <u>15,000</u> Miles <b>\$282</b>

\*Payments based on Tier 1 credit approval. Must qualify for security deposit waiver. All rebates to dealer. See dealer for returning lease incentive details. Pricing for Michigan residents only. Pricing subject to manufacturer program changes. Pictures may not represent actual vehicle. Vehicles subject to prior sale. Prices good through 1/03/2017 unless manufacturer changes programs.

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ATS 2017

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well qualified  
GM employees



EMPLOYEE  
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**\$269**  
/MONTH

24 MONTH/10K PER YEAR  
\$2,909 DUE AT SIGNING AFTER ALL OFFERS

Convenient Sales  
& Service Hours  
Open Monday  
thru Saturday

XT5 2017

CROSSOVER  
LUXURY COLLECTION  
Ultra Low mileage  
Lease for  
well qualified  
GM employees



EMPLOYEE  
PRICING

**\$359**  
/MONTH

36 MONTH/10K PER YEAR  
\$2,719 DUE AT SIGNING AFTER ALL OFFERS

Courtesy  
Transportation  
Shuttle to  
& from office

CTS 2017

STANDARD COLLECTION  
Ultra Low mileage  
Lease for  
well qualified  
GM employees



EMPLOYEE  
PRICING

**\$399**  
/MONTH

36 MONTH/10K PER YEAR  
\$4,549 DUE AT SIGNING AFTER ALL OFFERS

Complimentary  
Car Wash  
Most cars  
& light trucks

XTS 2017

SEDAN  
STANDARD COLLECTION  
Ultra Low mileage  
Lease for  
well qualified  
GM employees



EMPLOYEE  
PRICING

**\$449**  
/MONTH

39 MONTH/10K PER YEAR  
\$1,370 DUE AT SIGNING AFTER ALL OFFERS

Quality Service  
You Can  
Count On!  
State of the Art  
Diagnostic  
Equipment

CT6 2017

3.6L AWD LUXURY COLLECTION  
Ultra Low mileage  
Lease for  
well qualified  
GM employees



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PRICING

**\$489**  
/MONTH

39 MONTH/10K PER YEAR  
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\*Tax, title, license and dealer fees extra. No security deposit required. Excess mileage charge of \$.25 per mile over 30,000 miles. Lessee pays for excess wear and tear charges and a disposition fee of \$595.00. All applicable rebates to dealer. Photo may not represent actual vehicle. MSRP's: CT6 \$61,390, ATS \$37,590, CTS \$48,555, XTS Sedan \$46,290, XT5 Crossover \$45,890. See dealer for details. Take delivery by 12/31/2016.

The Human Rights Campaign  
Praises Detroit Auto Firms

The Detroit auto industry has scored high marks with Human Rights Campaign (HRC) Corporate Equality Index (CEI), a national benchmarking survey and report on corporate policies and practices related to LGBT equality in the workplace.

Some of the companies that earned the organization's highest rating are Ford Motor Company, General Motors, Fiat Chrysler and Lear.

In its press release issued on Dec. 5, HRC wrote, "The Corporate Equality Index (CEI), launched in 2002 to assess LGBT-inclusive policies and practices at Fortune 500 companies, also highlights how corporate leaders are increasingly stepping up to play a leading role in opposing anti-equality legislation – from statehouses to the U.S. Capitol. Through their actions, taken as LGBTQ workers and customers have been facing a record number of anti-LGBTQ bills in state legislatures across the country, business leaders are building on their longstanding commitment to expanding workplace equality for LGBTQ people."

"This year, a record-breaking 517 businesses earned the CEI's top score of 100, up from 407 last year. That's a single-year increase of more than 25 percent – the largest jump in the 15-year history of the nation's premiere benchmarking tool for LGBT workplace equality. Leadership demonstrated by these businesses, including speaking out against discriminatory laws like North Carolina's HB2, reflect more than a decade of work inside these companies to expand LGBT, and particularly transgender, workplace equality."

"We truly value diversity and inclusion at Lear, and I am extremely proud to have received this recognition for our efforts. We aspire to be an employer of first choice where all employees can reach their full potential," said Matt Simoncini, Lear's president and chief executive officer.

Ford Motor Company, in a statement to the media, said that the company has received a perfect score every year since 2004.

And the company is proud of that rating history, said Ford Motor Company spokeswoman Monique Brentley.

The 2017 Corporate Equality Index rated 1,043 businesses on LGBT-related policies and practices such as nondiscrimination workplace protections, domestic partner benefits, transgender-inclusive health care benefits, competency programs and public engagement with the LGBT community.

"Ford is committed to creating an environment that promotes diversity and inclusion within our workforce and communities," said Meeta Huggins, chief diversity officer, Ford Motor Company.

"The diverse backgrounds of our employees truly make us a stronger company and we are extremely proud of our policies and programs that support equality."

When GM officials learned of their rating, they posted a Tweet stating, "We're proud to be one of the 517 Best Places to Work for #LGBT Equality in @HRC's Corporate Equality Index."

Fiat Chrysler spokesman Mike Palese said that the company was the first automaker to offer domestic partner benefits to employees in 2000 and has attained a 100 percent CEI rating ten times since the benchmark was established in 2002.

"FCA US is proud of our longstanding support of our LGBTQ employees, customers and communities," said Marlin Page, head of Diversity and Inclusion, FCA US LLC.

"Our consistent record of providing an inclusive work culture and benefit parity for our LGBTQ employees represents our core belief in the talents and potential of our people."

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# Pinczuk Joins Delphi Board

Delphi Automotive PLC has named Ana Pinczuk to its board of directors, effective Nov. 1.

Pinczuk brings more than 30 years of experience in high technology companies, including numerous senior leadership roles with Veritas, Cisco and AT&T, said Delphi spokeswoman Elena Rosman.

“Ana’s broad and extensive technology background spans mobile, IP networking, software, data storage and security, making her a strong addition to the Delphi board,” said Rajiv Gupta, Delphi chairman of the board. “We look forward to her insight and guidance, as Delphi accelerates its innovation in new mobility technologies that are reshaping the automotive industry.”

Most recently the executive vice president and chief product officer of Veritas Technologies, a data management provider specializing in information protection, availability, and insight solutions, Pinczuk led the company’s \$2.3B product portfolio and was responsible for steering the company’s multiyear strategy and plan, Rosman said.

As Cisco’s senior vice president of Services Transformation and chief operating officer, Pinczuk drove the transformation of Cisco’s services business and grew the cloud, software, IoT and professional services sectors. In addition to several other key technology roles, she eventually moved on to senior vice president of sales, where she led services and solutions sales for Cisco’s 28 Global Enterprise Theater clients.

Pinczuk began her career at AT&T Bell Laboratories, where she moved quickly through the ranks in a number of leadership positions, from business development and sales, to leading R&D and engineering organiza-

tions, to ultimately being named vice president of IP Platform Planning before being recruited to join Cisco in 2000.

Pinczuk serves on the board of the Carnegie Mellon’s Engineering School and is a member of the Cornell University Computer and Information Sciences advisory board. She has also been named as the 2016 Woman of Influence by the Silicon Valley Business Journal and holds a bachelor and master of science in mechanical engineering from Cornell University.

## Governor Snyder Infrastructure Report Issued

LANSING, Mich. (AP) – A report ordered by Gov. Rick Snyder says Michigan must spend \$4 billion more annually to upgrade infrastructure that includes roads, water systems and the power grid.

The study released Dec. 5 says the state and local governments spend less than the U.S. average and in surrounding states.

Snyder, who appointed the commission in the wake of the Flint water crisis, says Michigan’s “infrastructure challenges are serious and wide-ranging and it must “act with urgency.”

The 21st Century Infrastructure Commission report includes recommendations for all types of infrastructure systems, including transportation, water and storm water, wastewater treatment and drainage, energy and communications infrastructure.

The commission says as a first step, Michigan should become a “national leader” and create a statewide asset management system.

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\$123 + TAX WITH \$0 DOWN 24 MTH LEASE 10,000 MILES

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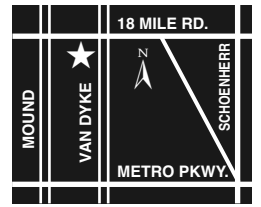
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PEP QUOTES BY PHONE OR EMAIL: JEFF CAUL AT JCAUL@BUFFWHELAN.COM

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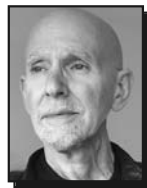
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ALL NEW 2017 GMC ACADIA FWD • SLE-2

36 MONTH LEASE FOR ONLY \$285\* 10K PER YEAR



Stock #9637-17 • Deal #63133 \$1640 total due at signing. GM pricing plus tax, title, lic. & doc fees. Lease figured with lease conquest rebate. NO SECURITY DEPOSIT REQUIRED

ALL NEW 2017 GMC ACADIA LIMITED • FWD

36 MONTH LEASE FOR ONLY \$335\* 10K PER YEAR



Stock #9459-17 • Deal #63680 \$2943 total due at signing. GM pricing plus tax, title, lic. & doc fees. Must have GMC/Buick lease loyalty rebate. NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2017 GMC TERRAIN FWD • SLE-1

24 MONTH LEASE FOR ONLY \$119\* 9K PER YEAR



Stock #9498-17 • Deal #63132 \$1624 total due at signing. GM pricing plus tax, title, lic. & doc fees. Lease figured with lease conquest rebate. NO SECURITY DEPOSIT REQUIRED!

2016 GMC YUKON 4WD • SLT

\$49,750\* WAS \$64,260



TRIPLE PLAY BUY 72 MTHS 136 MO. LEASE \$499 PER MTH CASH REBATE \$6,250 Stock #9559-16 • Deal #64139 GM pricing plus tax, title, lic. & doc fees. Must have GMC/Buick lease loyalty rebate.

## DEMO SALE

GMC YUKON DENALI STOCK #9278-16 (\$3,000 IN ADDITIONAL SAVINGS)  
GMC YUKON XL DENALI STOCK #9200-16 (\$3,500 IN ADDITIONAL SAVINGS)  
GMC YUKON XL STOCK #9230-16 (\$3,000 IN ADDITIONAL SAVINGS)  
GMC ACADIA LIMITED STOCK #9461-17 (\$3,000 IN ADDITIONAL SAVINGS)



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ALL NEW 2017 BUICK ENCLAVE FWD • CONVENIENCE

24 MONTH/10K PER YEAR LEASE FOR ONLY \$219\* \$1,844 DUE AT SIGNING



Stock #5212-17 • Deal #62606 GM pricing plus tax, title lic. & doc fees. Lease figured with lease conquest rebate. NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2016 BUICK LACROSSE LEATHER • 1SL

NOW \$29,995\* WAS \$37,220 16% OFF SALE \$ TO CHOOSE FROM



SAVE OVER \$7,200 OFF LIST Stock #5003-16

ALL NEW 2017 BUICK ENVISION FWD • ESSENCE

36 MONTH/10K PER YEAR LEASE FOR ONLY \$295\* \$1,681 DUE AT SIGNING



Stock #5221-17 • Deal #63678 GM pricing plus tax, title lic. & doc fees. GM lease figured with lease conquest rebate. NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2016 BUICK ENCORE SPORT TOURING

39 MONTH/9K PER YEAR LEASE FOR ONLY \$149\* \$1,652 DUE AT SIGNING



Stock #5039-16 • Deal #62599 GM pricing plus tax, title lic. & doc fees. Lease figured with Buick/GM lease loyalty rebate. NO SECURITY DEPOSIT REQUIRED!

## DEMO SALE

BUICK ENCORE AWD STOCK #5017-16 (\$1,250 IN ADDITIONAL SAVINGS)  
BUICK ENCORE CONVENIENCE STOCK #5039-16 (\$1,250 IN ADDITIONAL SAVINGS)  
BUICK VERANO SPORT TOURING STOCK #5160-17 (\$1,500 IN ADDITIONAL SAVINGS)  
BUICK REGAL PREMIUM II STOCK #4755-16 (\$2,000 IN ADDITIONAL SAVINGS)

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\*All lease/purchase examples are figured with GM employee pricing, lease conquest rebate qualifies to customers who have a non GM lease in household set to expire within 365 days of new lease/purchase delivery date. \*Buick/GMC lease loyalty rebate applies to customers who have a current Buick/GMC lease in house hold. IVC certificates may apply to lease/purchase examples and are good while dealer supply last. Expires 12/31/16





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2017 TRAX "LS"



- ECOTEC 1.4L "Turbo" DOHC VVT Engine!
  - OnStar w/4G LTE w/built-in Wi-Fi Hotspot!
  - 7" Color Touch Screen Radio w/Bluetooth!
  - Remote Keyless Entry!
  - Bluetooth for Phone!
  - Rear Camera!
  - USB Port and Auxiliary Input!
  - Chevrolet Complete Care INCLUDED!
- Stock# H33233

24 MONTH LEASE

\$75\*



Was \$21,895 Sale Price: \$15,698\*

\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

2017 EQUINOX "LS"



- 2.4L DOHC Engine!
  - 7" Color Touch Screen MyLink Radio!
  - OnStar with 4G LTE w/built-in Wi-Fi Hotspot!
  - Bluetooth for Phone!
  - Remote Keyless Entry!
  - Rear Vision Camera!
  - Aluminum Wheels!
  - Chevrolet Complete Care INCLUDED!
- Stock# H34660

NO 1ST PAYMENT REQUIRED!

Was \$26,405 Sale Price: \$20,610\*

24 MONTH LEASE

\$99\*



\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

2017 CRUZE "LT"



- 1.4L Turbo DOHC Engine!
  - Automatic Transmission!
  - 7" Color Touch Screen MyLink Radio!
  - OnStar w/4G LTE w/built-in Wi-Fi Hotspot!
  - 24/7 Promise... The Most Connected Car on the Road!
  - Remote Keyless Entry!
  - Rear Vision Camera!
  - Bluetooth for Phone!
  - Chevrolet Complete Care INCLUDED!
- Stock# H32325

Was \$22,325 Sale Price: \$18,343\*

24 MONTH LEASE

\$119\*



\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

2017 TRAVERSE "LS"



- 3.6L SIDI V6 Engine!
  - 6.5" Color Touch Screen Radio!
  - 8 Passenger Seating!
  - Rear Vision Camera!
  - Remote Keyless Entry!
  - Power Driver's Seat!
  - OnStar w/4G LTE w/built-in Wi-Fi Hotspot!
  - Chevrolet Complete Care INCLUDED!
- Stock# H34413

Was \$32,745 Sale Price: \$23,899\*

24 MONTH LEASE

\$149\*



\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

2017 SILVERADO "LT" 4X4 DOUBLE CAB



- ECOTEC 3.6L V6 Engine!
  - Automatic Transmission!
  - GM Bed Liner INCLUDED!
  - 8" Color Screen MyLink Radio w/USB Ports!
  - OnStar w/4G LTE w/built-in Wi-Fi Hotspot!
  - Steering Wheel Radio Controls!
  - Remote Keyless Entry!
  - Aluminum Wheels!
  - Chevrolet Complete Care INCLUDED!
- Stock# H32703

Was \$41,060 Sale Price: \$31,599\*

36 MONTH LEASE

\$229\*



\$999 Down

NQ Security Deposit required. Tax, title and plate fees extra.

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# 2017 Buick Envision Has Top Safety Rating

Vehicle safety is something buyers look for and that's good news for Buick.

The 2017 Buick Envision AWD compact SUV has earned a five-star overall vehicle score from the National Highway Traffic Safety Administration (NHTSA) — an accolade achieved by every Buick model rated for two consecutive model years, said GM spokesman Michael Ofiara.

Earlier this year, the Envision also earned the Insurance Institute for Highway Safety's (IIHS) best possible rating, a 2016 IIHS Top Safety Pick+ (TSP+) when equipped with optional front crash prevention, Ofiara said.

That rating was extended into the 2017 calendar year as the Envision with optional front crash prevention and high intensity discharge (HID) headlights was named a 2017 IIHS Top Safety Pick+.

"Safety, quality and craftsmanship are designed into every Buick," said Duncan Aldred, vice president of Global Buick Sales, Service and Marketing. "Earning top ratings from some of the industry's most important safety organizations validates not only the excellence of the Envision, but further builds the Buick brand's reputation as a leader in safety and quality, two attributes high on every shopper's list."

The Envision has earned its safety ratings by offering customers an extensive list of standard and available safety features, both active and passive, Aldred said.

These safety technologies utilize a combination of five cameras and 13 radar and ultrasonic sensors around the vehicle to help offer owners peace of mind behind the wheel.

The Envision also features a robust body structure that incor-



The 2017 AWD Buick Envision

porates extensive use of mass-reducing high-strength steel.

Envision's available Forward Collision Alert and Forward Automatic Braking systems, which can help drivers avoid collisions, were vital to obtaining the 2016 IIHS TSP+ rating.

That rating requires a vehicle to score Good on a multitude of IIHS crashworthiness tests and receive an Advanced or Superior score on front crash prevention, which was a new IIHS requirement in 2016, Ofiara said. The 2017 IIHS TSP+ rating requires a vehicle to earn Good ratings in the crashworthiness tests, an Advanced or Superi-

or rating for front crash prevention and a Good or Acceptable headlight rating.

The new Buick Envision arrived at dealers in North America this summer and is off to a quick start with more than 10,000 retail sales to date, Ofiara said. The average Envision spends just over 30 days on a dealer's lot, less than half of the industry average.

15-Star Safety Ratings are awarded under the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.Safer-Car.gov).

## Gas Prices Rise Slightly Across State

DEARBORN, Mich. (AP) — AAA Michigan says gas prices statewide have risen by about 12 cents per gallon in the past weeks.

The Dearborn-based auto club says Dec. 5 that the average price for self-serve regular unleaded gasoline was about \$2.21 per gallon.

That's about 35 cents more than it was at the same point last year.

The lowest average price of gas was about \$2.19 per gallon in the Detroit area, while the highest average in the state was about \$2.27 per gallon in the greater Jackson area.

AAA Michigan surveys daily fuel prices at 2,800 gas stations across the state to determine the average fuel prices for drivers in Michigan.



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### 2017 Buick Encore

FWD Lease Offer MSRP: \$25,430

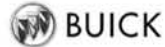
**\$242** per month

#### TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT  
INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model



expires: 12.31.2016



36 months

10,000 miles year

**\$430** total due at signing (includes first month payment)

### 2017 Buick Enclave

FWD Lease Offer MSRP: \$39,990

**\$297** per month

#### TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT  
INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model



expires: 12.31.2016

36 months

10,000 miles year

**\$657** total due at signing (includes first month payment)

### 2016 GMC Terrain

SLE1 FWD MSRP: \$28,360

**\$232** per month

#### TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT  
INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model



expires: 12.31.2016



36 months

10,000 miles year

**\$517** total due at signing (includes first month payment)

### 2016 GMC Sierra

DBL CAB SLE 4WD 1500 MSRP: \$43,115

**\$243** per month

#### TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT  
INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model



expires: 12.31.2016

36 months

10,000 miles year

**\$661** total due at signing (includes first month payment)

Offers include: Tax, Title, Plate, Transfer, CVR, Doc Fee, GM Employee Pricing, GM Lease Loyalty (must have a 1999 or newer GM lease in household), Select Model and 1st Month's Payment. No security deposit required. See dealer for details.





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PURCHASE FOR  
**\$30,139\***  
STOCK #TTHCDJ



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2016 GMC SIERRA 1500 4WD DBL CAB SLE

PURCHASE FOR  
**\$35,779\***  
STOCK #G564160



EVERYONE LEASE PRICE  
**\$199\*** PER MONTH | **36** MONTHS | **\$999** DOWN

2017 GMC TERRAIN SLE-1

PURCHASE FOR  
**\$24,629\***  
STOCK #TPGFNG



EVERYONE LEASE PRICE  
**\$119\*** PER MONTH | **24** MONTHS | **\$999** DOWN



2016 BUICK ENCORE

PURCHASE FOR  
**\$23,889\***  
STOCK B562223



LEASE FOR  
**\$109\*** PER MONTH | **24** MONTHS | **\$999** DOWN

2017 BUICK VERANO

PURCHASE FOR  
**\$21,995\***  
STOCK #B470037



LEASE FOR  
**\$179\*** PER MONTH | **36** MONTHS | **\$999** DOWN

2017 BUICK LACROSSE

PURCHASE FOR  
**\$35,249\***  
STOCK #B470444



LEASE FOR  
**\$279\*** PER MONTH | **36** MONTHS | **\$1,999** DOWN

2016 BUICK CASCADA

PURCHASE FOR  
**\$26,959\***  
STOCK #B461016



LEASE FOR  
**\$219\*** PER MONTH | **39** MONTHS | **\$999** DOWN

2017 BUICK REGAL

PURCHASE FOR  
**\$25,995\***  
STOCK #B470153



LEASE FOR  
**\$199\*** PER MONTH | **36** MONTHS | **\$999** DOWN

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Dennis Thacker  
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All prices and payments include GM rebates. Pictures may not represent actual vehicle. Pricing subject to change per GM incentives. Prices and payments are inclusive of active GM employee discount (unless otherwise stated). All leases are 10,000 miles per year with approved S Tier credit. Enclave, Encore, and Terrain are 24 months leases. Regal, Envision, Lacrosse, Verano, Sierra, Acadia and Yukon are 36 month leases. Cascadia is a 39 month lease. All Vehicles shown are \$999 down except for the Lacrosse which is \$1999 down and the terrain and encore which are \$0 down. Disposition Fee may be required at vehicle turn in. Must have lease loyalty and/or closing competitive lease. Prices and payments are plus tax, title, plate fee w/ acquisition fee up front, refundable security deposit required on certain vehicles - to be determined by lender. Pricing is subject to select model vehicles - while supplies last. \*\*\$3,500 trade in is valid on 2003 or newer vehicles w/ under 115k miles in drivable condition, no branded titles, reconditioning determined by appraiser. Certain restrictions may apply, see dealer for complete details. \*\* Exp date: 12/30/2016.



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