



"My name is Foley and I'm gonna help people," this puppy seems to say.

## Chrysler's Social Campaign Assists Dogs Needing a 'Job'

Fiat Chrysler is going to the dogs. And that's not a bad thing.

Chrysler brand is launching a new online social initiative in partnership with Canine Companions for Independence, the largest nonprofit organization for assistance dogs in the U.S., said Fiat Chrysler spokeswoman Diane Morgan.

The initiative will help raise awareness and support for the training and placement of Canine Companions for Independence assistance dogs under the organization's "Give a Dog a Job" campaign, a fundraising and

awareness campaign that helps place them with adults, children and veterans with disabilities.

Consumers first had the chance to meet Canine Companions puppy Foley, a Golden Retriever/Labrador cross (and the Chrysler brand's first official PacifiPuppy!) through various social media outlets on March 13, Morgan said.

They will be able to follow him as he goes through his formal training with his recently assigned puppy raiser. Fans can

CONTINUED ON PAGE 3

## GM Engineers Donate Time, Money, Effort To Build Bikes for Kids in Pontiac Area

by Jim Stickford

Some engineers at GM's Global Propulsion Systems (GPS) in Pontiac are getting their hands dirty building bicycles for kids in the greater Pontiac area through the "Bikes for Kids 2017" program.

"This is the third year we've done this," said Elizabeth Dallacqua, a Design Release engineer at GPS, who organized the event.

"We get volunteers from GPS and they donate their time and their money building and restoring bikes for kids in the area. This is a team building and networking exercise that fosters relationships between GPS engineers and the local Pontiac community."

The way it works, Dallacqua said, is that volunteers donate \$30 and in late April get together and restore and build bicycles.

"We go out and solicit people to donate bicycles," Dallacqua said. "Families who give us their bikes range from people whose kids have grown up to folks who have really good bikes that have been put away in a garage for 20 years."

The engineers get together and restore the bikes so that they are as good as new, Dallacqua said.

CONTINUED ON PAGE 3



GPS engineers show off some of the bikes they built or restored last year for kids in the Pontiac area.

## AAM's New Quantum Axle Technology Reduces Weight, Increases Power

A major auto supplier has thrown out the bath water and kept the baby – well, actually, reinvented the baby.

In this case, the "baby" is American Axle & Manufacturing's Quantum system, introduced at a media demonstration at its Detroit headquarters on March 23.

"We realized we had to make our systems lighter and more power dense as vehicles become smaller," said Phil Guys, AAM vice president and chief technology officer.

In response to the needs of its OEM clients, Guys said, AAM developed the Quantum family of axles that "yield significant gains in efficiency, performance and

packaging, all while reducing system weight.

"To do this, we threw out the blueprint for axle design and started over."

Guys said AAM has developed completely new, significantly improved axle technology with its Quantum driveline system.

It is scalable across a wide range of vehicle segments, he said, and provides substantial advantages regardless of vehicle size – reduced mass, increased power density, improved noise vibration and harshness, and efficiency gains in a more compact system package.

AAM CEO Mike Simonte said the company has been developing this technology for the past

several years – technology that will shift AAM from a traditional Tier I auto supplier of the past to a tech company of the future.

Guys said after several years of benchmarking non-automotive products, spending countless development hours, running arduous hardware tests and securing more than a dozen patents, AAM engineers redesigned virtually every component of the traditional axle. What resulted is the Quantum family of axles that yield significant gains in efficiency, performance and packaging, all while reducing system weight.

"The numbers are amazing," said Guys. "Quantum's 20 percent

CONTINUED ON PAGE 6



On-the-Go H2O idea is finalist in technology awards category.

## Ford Idea: Oasis in Your Car

Sometimes a watered-down idea is the best idea possible.

Ford Motor Company's On-the-Go H2O is in the spotlight – selected as a finalist in both the Transportation and Developing-World Technology categories as part of *Fast Company's* 2017 World Changing Ideas Awards.

The awards showcase 12 winners and nearly 200 finalists, honoring businesses, policies, projects and concepts that offer innovative solutions to the issues facing humanity, said Ford spokesman Alan Hall.

On-the-Go H2O was developed by Ford engineers Doug Martin and John Rollinger, Hall said. The pair brought the concept to life after an idea struck: what if cars could be a source of water?

The system collects condensation from vehicle air conditioners, then filters and pumps the fluid into a faucet located inside the car to provide drinking water.

"A couple of years ago, I was

reading a document that described a billboard in Lima, Peru, that condensed water out of thin air in this dry environment," said Martin.

"It made 2,500 gallons of water in three months. They dispersed the water to residents who didn't have access to clean water. I thought, cars go through air, too, and why not do something with cars like that billboard."

Martin said he believes this system is important.

"I do see this as a benefit in developing countries," Martin said.

"If all their cars have this, and there's a shortage of clean water, they can run their water through this system and have clean water. That would be a very good benefit to have."

"I think this would be pretty exciting to see this system go into production somewhere and make a difference in people's lives."

The project will appear in *Fast Company's* April issue, which will hit the newsstands on March 27.



From left: 2014 Jeep Trailhawk, 2015 Ford Escape, 2016 Jeep Cherokee tested EcoTrac in Upper Peninsula.



## Detroit Auto Scene®

31201 Chicago Road South  
Warren, Michigan 48093

586-939-6800

Contact us:  
Info@DetroitAutoScene.com

Deadline: Thursday 5:00 p.m.  
for the next edition of Monday

William Springer II, publisher  
Lisa A. Torretta, operations  
Jim Stickford, news

Detroit Auto Scene is a registered  
trademark of Springer Publishing Co.

www.DetroitAutoScene.com

## Auburn Hills Firm Sells Some New Robot Technology

ABB has sold its first robot manufactured in the United States.

The IRB 2600 robot is the first to be produced at the ABB Auburn Hills facility, and was sold by ABB Value Provider, CIM SYSTEMS, INC. to Hitachi Powdered Metals USA, said ABB spokeswoman Melissa London.

The compact robot, which is painted with special commemorative red, white and blue paint, will be used for material handling of in-process engine component parts at the Hitachi Greensburg, Ind. facility, London said.

It's the 180th ABB robot at the Hitachi plant, which installed its first ABB robot in 2005.

"The sale of ABB's first robot produced in the U.S. to Hitachi is a tremendous milestone in the development of our manufacturing presence in the Americas," said Sami Atiya, president of ABB's Robotics and Motion division.

"It is a major step toward our goal of providing local customers with delivery schedules and technical support that are far superior to other robot manufacturers."

"Hitachi is honored to receive the U.S. manufactured ABB robot," said James Adams, Chief Engineer of robots and automation at Hitachi. "It will be prominently positioned on our plant floor to showcase the essential role ABB robots have in our operation, and our passion to keep production in the U.S." "For a company of our size, the volume of robots we have is unprecedented. I truly believe that if we didn't have robots in our facility, we wouldn't be in business today."

London said that in May 2015, ABB announced that it would begin producing robots at its Auburn Hills facility, making it the first of the major industrial robot companies to fully commit to an American manufacturing footprint.

The delivery of the first U.S.-manufactured robot is consistent with the production schedule announced at the factory opening, London said.

In addition to the IRB 2600, ABB will begin manufacturing other popular robot models in Auburn Hills later this year, London said.

By 2018, he said, it's planned that 75 percent of all the models delivered to North American end-users will be manufactured in the United States. Previously, ABB robots sold in the Americas were made in Sweden and in China.

"We are proud to be involved in the placement of the first ABB robot manufactured in the United States," said Dave Fox, president of CIM Systems Inc. "We have already seen a reduction in lead times since the Auburn Hills plant opened, and it has helped us get some business that was directly related to improved delivery turnaround."

# Chevrolet's New Trucks Combine Duramax, Allison Tech

General Motors' new Chevrolet Class 4/5 commercial truck will be powered by a Duramax engine and Allison transmission – a combination that has powered close to two million trucks, said GM spokeswoman Rita Kass-Shamoun.

Chevrolet made the announcement on March 14 at The Work Truck Show 2017 in Farmington Hills.

The brand also announced that the truck is on track to launch in 2018. It is being jointly developed by Chevrolet and Navistar.

"Our new Chevrolet medium-duty will be the flagship of our truck portfolio for fleet and commercial customers, and we believe the strength of Duramax/Allison powertrain combination will be able to tackle various jobs – from general contracting to urban delivery to bucket loaders and wreckers," said John Schwegman, U.S. director of Commercial Product and Medium Duty for GM Fleet.

"To win customers, we're marshalling the best diesel and heavy-duty transmission engineers in the world and offering more choices than any other manufacturer."

Allison Transmission, based in Indianapolis, is the largest designer, developer, manufacturer and distributor of medium- and heavy-duty fully automatic transmissions, and is a leader in hybrid-propulsion systems, Kass-Shamoun said.

"Their designs have been used in a variety of applications, including refuse, construction, fire, distribution, bus, motorhomes, defense and energy," she said.

"They have helped drive Chevrolet's trucks since the 1950s."

The first Duramax diesel engines were introduced in Chevro-



A Duramax employee assembles a diesel engine in Moraine, Ohio.

let and GMC trucks in 2001, and they have accumulated more than 100 billion miles of real-world experience, Kass-Shamoun said.

Since then, the engines have been continually refined, introducing first-in-class technologies such as aluminum cylinder heads, the quick-start system and the Venturi Jet Drive Oil separator.

Technical specifications for Chevrolet's new medium-duty truck, including cab and frame dimensions, horsepower and torque, Gross Axle Weight Rating (GAWR), Gross Vehicle Weight Rating (GVWR), payload and other ratings, will be released close to launch, Kass-Shamoun said.

Chevrolet's portfolio of diesel-powered vehicles also includes:

- The 2017 Silverado HD with a newly redesigned Duramax 6.6-liter V8 turbo-diesel, the most powerful engine ever installed in a GM pickup truck with 910 lb.-ft. of torque and a class-leading 445 hp.
- The Cruze sedan and hatchback, which offer up to an EPA-

estimated highway mileage of 52 mpg – the highest highway fuel economy of any non-hybrid/non-EV in America and an estimated range of up to 702 highway miles.

- The Equinox compact crossover, available this summer, which is expected to achieve a GM-estimated 40 mpg on the highway (EPA estimates are not yet available).

- The Colorado mid-size pickup, which is the industry's most fuel-efficient pickup, according to the EPA's fueleconomy.gov website.

- The Express full-size van, which is available in both passenger and cargo variants, with either the short or long wheelbase.

- The Low Cab Forward commercial truck, which offers two turbodiesel engines.

A 3.0-liter engine paired with a 6-speed double overdrive transmission is available in 3500HD models. Larger 4500HD, 4500XD, 5500HD and 6500XD models are available with a 5.2L engine.

Chevrolet announced a return

to the medium-duty commercial vehicle segment in June of 2015, with sales of six new Chevrolet-badged trucks beginning in 2016.

The vehicles are to be built by Japan-based Isuzu Motors. Chevrolet dealers will offer the Chevrolet 3500, 3500HD, 4500, 4500HD, 5500, and 5500HD models, all based on the Isuzu N-Series.

Each truck will be offered only in regular-cab and crew-cab body styles.

In a statement made in 2015, Ed Peper, U.S. vice president of GM fleet and commercial sales, said, "Bringing low-cab-forward trucks back to our portfolio strengthens Chevrolet's commitment to providing commercial customers with more choices and provides customers with a versatile lineup of trucks, vans and crossovers."

"This addition helps our dealers satisfy their commercial customers' needs all in one place."

The trucks will be offered with 6.0-litre V8 gasoline engines with 6-speed automatic transmissions, a powertrain that Isuzu sources through GM and will continue to do so, or Isuzu-sourced 3.0-litre and 5.2-litre turbo-diesel engines.

The Chevrolets will be the only low-cab-forward trucks on the North American market to offer a gasoline-powered powertrain, Peper said.

Isuzu has truck production facilities in Charlotte, Mich., where the trucks fitted with gasoline engines will be built. The others will be imported from Isuzu's facility in Fujisawa, Japan.

The trucks will have chassis lengths of 109-212 inches, with body-type compatibility that includes refrigerated boxes, stake/flatbed and service bodies.

ATTN:  
GENERAL MOTORS  
EMPLOYEES!

## You're invited! Engineering a Successful Retirement

Presented by: James B. Kruzan, CFP®, CRPC®



FT  
FINANCIAL  
TIMES

Top  
Financial  
Advisers  
2016

FT 400 Ranking March 2016

Join us for a 45-minute informative discussion on tips, techniques and strategies to get the most out of your GM sponsored benefits, and more!

Our nuts and bolts presentation answers:

- Effective ways to maximize post retirement tax free distribution without giving up current year tax deductibility.
- Effective positioning for the challenges and opportunities of a Trump presidency.
- Construct a satellite strategy centered around your Retirement Savings Plan.
- And more!

**All attendees will be offered a complimentary retirement stress test.**

**THURSDAY, MARCH 30, 2017**

**TIME:** 11:45 a.m. - 12:30 p.m. (lunch included)

**LOCATION:** Courtyard Downtown Detroit  
333 E. Jefferson Ave., Detroit, MI 48226  
(Room: Cascade Ballroom D)

**THURSDAY, MARCH 30, 2017**

**TIME:** 4:00 p.m. - 4:45 p.m. (refreshments included)

**LOCATION:** Courtyard Downtown Detroit  
333 E. Jefferson Ave., Detroit, MI 48226  
(Room: Cascade Ballroom D)

**REGISTRATION REQUIRED. SPACE LIMITED: 20 SEATS.**

To reserve your seat, contact Danielle Howard at (810) 593.1630 or email [danielle.howard@raymondjames.com](mailto:danielle.howard@raymondjames.com).

**KAYDAN**  
WEALTH MANAGEMENT  
*An Independent Firm*

329 W. Silver Lake Road, Fenton, MI 48430 | 2701 Cambridge Ct. Ste. 412, Auburn Hills, MI 48326 | Ph. 810.593.1624 | Fax: 810.593.1643

[KaydanWealthManagement.com](http://KaydanWealthManagement.com)

Securities offered through Raymond James Financial Services, Inc., member FINRA/SIPC. The Financial Times 400 Top Financial Advisors is an independent listing produced by the Financial Times (March, 2016). The FT 400 is based on data gathered from firms and verified by broker-dealer home offices, regulatory disclosures, and the FT's research. The listing reflects each advisor's performance in six primary areas, including assets under management, asset growth, compliance record, experience, credentials and accessibility as identified by the FT. Neither the brokerages nor the advisors pay a fee to The Financial Times in exchange for inclusion in the FT 400.





Foley and friends will be busy learning new skills to provide help to those who need it.

Chrysler Providing Dog-gone Good Help

CONTINUED FROM PAGE 1

engage with Foley with the #RaisingFoley and #FoleyFriday hashtags on Facebook, Twitter and Instagram.

"Through our partnership with Canine Companions for Independence, the Chrysler brand is able to help bring awareness to its 'Give a Dog a Job' program through our new online social initiative," said Tim Kuniskis, head of Passenger Cars, Dodge, SRT, Chrysler and Fiat – FCA North America.

"As we follow Foley through his journey, fans will get a firsthand look at watching him grow and learn, from puppy training to becoming a fully trained assistance dog, and also gain an understanding of the huge amount of time and resources it takes to train these amazing dogs."

"Our partnership with Chrysler Pacifica, BraunAbility and our 'Give a Dog a Job' campaign brings our mission, the stories of our remarkable graduates and the adventures of Canine Companions puppy Foley to a whole new audience across the country," says Paul Mundell, CEO of Canine Companions for Independence.

"We are deeply grateful for the commitment made to us by these two leaders in adapted vehicles. The upfitted Chrysler Pacifica provides greatly enhanced independence for people with disabilities, especially those who utilize wheelchairs."

Fans will be able to follow Foley (named in honor of actor Scott Foley, an ardent supporter of Canine Companions for Independence) as he starts his path in life to being matched with a person with a disability, including:

- Getting acclimated to the

puppy raiser's home, including new sights and sounds.

- Grooming, cradling, playing with feet, ignoring food on the ground.
- Celebrating important days like #NationalPuppyDay (March 23), Veterans Day (Nov. 11), and Canine Companions National Graduation Days (May 5, Aug. 4 and Nov. 3).
- Learning early commands, including "shake," tracking his growth (against a growth chart in the new 2017 Chrysler Pacifica minivan).
- Adventures to the park and play dates with other Canine Companions puppies.
- Visits to the vet and vaccinations.

- First field trips and learning basic commands at puppy class.

"Because of highly trained assistance dogs like my dog Mork, people like me are able to lead more full and independent lives," said Wallis Brozman, corporate marketing assistant, Canine Companions.

"Mork was trained by Canine Companions' professional instructors in 40 spoken commands and has since learned American Sign Language and approximately 15 new commands.

"This campaign is educating the public on the unique contributions our service dogs make in the lives of adults, children and veterans with disabilities."

State Honors Magna for Local Hires

Global tier I supplier Magna International Inc. was recognized with a Michigan Works! Association Impact Award for its commitment to hiring Michigan talent for its \$56 million assembly plant in Lyon Township, said Oakland County spokesman Steve Huber.

The award was given to Magna International and its wholly owned subsidiary, Cosma Body Assembly of Michigan, by the Michigan Works! Association last month.

"I congratulate Magna on receiving this recognition," Oakland County Executive L. Brooks Patterson said. "The company has long been an industry leader and remains an important employer and valuable corporate citizen in Oakland County."

Magna, which has its U.S. headquarters in Troy, has received more than \$845,000 in Skilled Trade Training Funds from the state since 2014 to train existing and new workers for the

Lyon Township and other facilities. The company partnered with the Oakland County Michigan Works! to recruit employees using social media and shared postings with Pure Michigan Talent Connect and its regional partners including colleges, universities, nonprofit organizations and the Michigan Works! system.

"Magna is proud of its partnership with Oakland County Michigan Works! and the entire Michigan Works! system," said Paul Myles, Magna senior manager, government workforce development and training programs.

GM Global Propulsion Finds Way to Keep Kids Biking

CONTINUED FROM PAGE 1

"I put together this event beginning two years ago when I was trying to find an event that was local and could use the skills of engineers and give back to the local community.

"I heard about other bike builds, but this one is funded totally by donations of participants.

"There are no matching funds from the GM Foundation or other groups. It's all us.

"And the engineers like it because they get to get their hands dirty building bikes and they get to use their critical thinking skills."

The bikes will be given out to children who need them on Thursday, May 4. The kids are affiliated with three organizations – Dream Center of Pontiac, The Baldwin Center of Pontiac and Micah 6.

These groups focus on helping at-risk youths, Dallacqua said. Dream Center has several chapters around Detroit, and the GPS engineers will be building and restoring bikes for the kids affiliated with the Pontiac chapter.

Dallacqua said they will use the \$30 participation donations to purchase bike kits from KLM Bike & Fitness in Rochester Hills.

"These guys are great," Dallacqua. "They will also be lending

their expertise in putting the bikes together from the kits we purchase.

"Auto engineers do like to get their hands dirty, but it really helps to have advice from people who are experts in putting bike kits together."

The bikes will be restored and built at the GPS' gym the week before they are given out to the children participating in the program, Dallacqua said.

The event has become more popular every year, she said. Her records show that in 2015, 31 engineers participated. In 2016, the number was 60.

This year, she is hoping to get between 75 and 100 engineers and GPS staff to volunteer their time and money.

In 2015, they assembled nine bikes and restored four. In 2016, they built 12 new bikes and restored 20. This year, Dallacqua said, they are aiming to build between 20 and 30 bikes and restore 30.

"This is a good cause and any engineers interested in getting involved should contact me," said Dallacqua.

"I also want to thank my fellow GPS engineer Louis Begin. He has been my right hand for the past two years. He's the one who coordinates how many bikes we have and the donations we receive. He deserves a big shout-out."

Shop Floor to Top Floor



Complete your bachelor's degree quickly and locally.

Ferris offers classes on-site at Macomb Community College and online. Transfer credits you've already earned. Learn the skills and gain the confidence to step up to a more challenging, higher paying position.

**Bachelor's degrees available locally:**  
Business Administration-Professional Track  
Industrial Technology and Management

Visit [ferris.edu/statewide](http://ferris.edu/statewide) or call (586) 445-7150 for more information.



Chicken Shack



CHICKEN SHACK REWARDS PROGRAM!

10% Off Every Order!!

Plus

EARN REWARDS

FREE BROWNIE on your next visit just for signing up.  
5% SPEND LIKE CASH Rewards on every dollar spent.  
Get a Special Reward on your BIRTHDAY.

SIGN UP OPTIONS

1. Ask for a Rewards Card and TEXT "JTCSHACK" to 55678 with your smartphone to Register.
2. Ask for a Rewards Card and Register your card ONLINE at [www.CMSLoyalty.com](http://www.CMSLoyalty.com) (Web address is on the back of the card as well).

Check your Rewards Balances, Transactions, and Update Your Profile at [www.CMSLoyalty.com](http://www.CMSLoyalty.com).

**SPECIAL PROGRAMS FOR:**  
Union Members and Local Business Groups.  
(Ask Your Server)

WEEKDAY SPECIALS

- Monday –  
Buy One Chicken Dinner  
Get One 50% OFF\*
- Tuesday –  
Buy One Combo Dinner  
Get One 50% OFF\*
- Wednesday –  
Buy One Rib Dinner  
Get One 50% OFF\*
- Thursday –  
Buy One Tender Dinner  
Get One 50% OFF\*
- Friday –  
Buy One Wing Dinner  
Get One 50% OFF\*

**CHICKEN SHACK STERLING HEIGHTS**  
**16 Mile & Van Dyke**  
37010 Van Dyke • [www.chickenshack.com](http://www.chickenshack.com)  
Located in the Crossroads Shopping Center in front of Home Depot

**586-276-0788**  
\*One Discount Per Order. Good Until 5.5.17.  
Valid at 16 Mile & Van Dyke Location Only.

WARREN URGENT CARE

8am-10pm • 7 Days a week • 365 Days a Year

"Bringing Quality Urgent Care To Your Neighborhood"

"We Care"

URGENT CARE FOR ACCIDENTS AND INJURY  
ADULT & PEDIATRIC ILLNESS

Digital X-Rays, EKG and Lab Work, On-Site Lab Service, Strep, Mono, Pregnancy & Urine Testing, Vaccinations, Sports & School Physicals, Occupational Medicine, Work-Related Injuries, Pre-Hire Physicals (BAT & Urine Screening)

SPECIAL ON SPORTS PHYSICAL \$25.00 State-of-the-Art Facility

**586-276-8200**

31700 Van Dyke • Warren, MI 48093

On Van Dyke Rd., between 13 & 14 Mile in  
St. John's Windemere Park

OTHER CONVENIENT LOCATIONS:

**Woodland Urgent Care** 22341 W. 8 Mile Road Detroit  
**313-387-8700**

**N. East Macomb Urgent Care** 43900 Garfield, Suite 121 Clinton Township  
**586-868-2600**

FLU SHOTS

**ATTENTION**  
Chrysler, GM, Ford Employees, we're within 2 miles of your plants

**HAP & BCN**  
**NO Referrals Needed!**  
[www.warrenurgentcare.com](http://www.warrenurgentcare.com)



## SRG Global Opens New Innovation Center in Taylor

SRG Global, a Guardian company, has completed its Innovation Center located in Taylor.

The Innovation Center opened on March 20 and is designed to encourage creativity and advancement. The space features areas for prototyping, testing and scale-up experimentation, as well as an inspiring area for co-innovation, said SRG spokeswoman Nuncha Marañon.

The 6,460-square-foot Innovation Center is strategically located across the street from the company's 63,000-square-foot Advanced Development Center.

"This investment further reinforces our commitment to customers and society by expanding our research and development footprint," said David Dunford, vice president of Global Engineering & Innovation.

"The Innovation Center enables us to focus on creating value through innovative products and processes by allowing us to experiment, disrupt the status quo and discover the unmet needs of our customers."

Dunford added that the Innovation Center complements the SRG Advanced Development Center by fusing the ideation, concept development and product validation processes seamlessly.

"This new facility will help us expand our global R & D capabilities from a strong base of chemical, mechanical and industrial engineers to material scientists, physicists and electrical and lighting engineers," said James DeLaHoussaye, global director of Innovation at SRG Global.

"This will support our vision of providing innovative engineering solutions and our goal of value-added functional integration."

## Deep in the Heart of Dallas, Ram Debuts Laramie Longhorn

Pickup trucks are more popular than ever in the United States, and nowhere is that more true than in Texas. So it makes sense that Ram unveiled a "Texas" truck at the Dallas Auto Show on March 22.

Ram Truck revealed a new exterior color shade for its "luxurious and capable Laramie Longhorn line of pickup trucks," said Ram spokesman Nick Cappa.

The color – RV Match Walnut Brown – will serve as the model's new two-tone contrast color, replacing White Gold, Cappa said.

"The Ram Laramie Longhorn has deservedly become the world's benchmark for upscale, capable pickup trucks," said Mike Manley, head of Ram Brand, FCA – Global.

"The Laramie Longhorn has earned the title, 'Luxury Truck of Texas,' from the Texas Auto Writers Association and there's no better place to show off these updates than at the Dallas Auto Show."

The luxurious Laramie Longhorn-edition model is available across the Ram pickup truck lineup, including 1500, 2500 and 3500 Heavy Duty models, Cappa said.

With more than 30,000 pounds of trailering capability, Ram Heavy Duty Laramie Longhorn editions have become a popular choice among buyers who rely on their truck to tow a camper or recreational vehicle.

"In fact, the new RV Match Brown was chosen to closely match or complement a shade of brown that is frequently used in the exterior design of RV travel trailers, including premium fifth-wheel models," Manley said.

"Ram Laramie Longhorn edition models are known for distinctive exterior badges. A chrome metal Laramie Longhorn edition badge with painted accents is mounted to the tailgate

while eye-catching, model-specific (1500, 2500 or 3500) Laramie Longhorn edition badges adorn the doors."

Ram's RV Match Walnut Brown lower-body two-tone, wheel flares, painted front and rear bumpers and running boards complement a bright chrome grille and painted tow hooks, Manley said.

Two-tone Ram 1500 Laramie Longhorn editions are equipped with 20-inch polished aluminum wheels with brown-colored pockets, while monochromatic versions roll on polished silver aluminum wheels. Ram 2500 and 3500 (single rear wheel) models get 18-inch polished aluminum wheels with brown-colored pockets, while monochromatic versions roll on polished silver aluminum wheels. Twenty-inch wheels are optional. Ram 3500 duallies get polished silver aluminum wheels with Laramie Longhorn edition-badged center caps.

RV Match Walnut Brown is



2017 Ram 1500 Laramie Longhorn pickup

available as a two-tone combination with nine exterior colors, including Black Forest Green, Bright Silver, Bright White, Brilliant Black Crystal, Delmonico Red, Granite Crystal, Maximum Steel, Pearl White and True Blue, Cappa said.

Ram Laramie models will con-

tinue to be offered in an optional Bright Silver two-tone contrast, but for 2017 will also be available in two-tone RV Match Brown color. Non-two-tone paint is standard on Ram Laramie models.

Ram RV Match Walnut Brown models will go on sale in the second quarter of 2017, Cappa said.

## Fiat Chrysler Wins Manufacturing Award

Fiat Chrysler has been selected as a winner in the 2017 Manufacturing Leadership Awards by corporate growth consulting firm Frost & Sullivan.

The annual awards recognize manufacturing companies and individual manufacturing leaders that are shaping the future of global manufacturing, said Fiat Chrysler spokeswoman Jodi Tinson.

Judged by a panel of industry experts, Fiat Chrysler was recognized in the Operational Excellence Leadership category for its implementation of World Class Manufacturing.

WCM is a manufacturing methodology that focuses on

eliminating waste, increasing productivity, and improving quality and safety in a systematic and organized way, Tinson said.

First implemented by Fiat in 2006 and introduced to the former Chrysler Group as part of the alliance between the two companies in 2009, WCM engages the workforce to provide and implement suggestions on how to improve their jobs and their plants.

WCM has become the driving force behind the improvements in all Fiat Chrysler facilities worldwide, Tinson said, including those in North America where four plants have reached silver status and 16 have been designated bronze for achievements earned in the global lean manufacturing program.

"On behalf of all the hard-working men and women who come to work every day to build

award-winning products, we are humbled to receive this award," said Brian Harlow, head of Manufacturing, FCA – North America.

"The human element is at the center of WCM and has become a way of life for all of our employees around the globe. WCM resides in the employees' hearts, heads and hands to imagine the future and create a better way to run the business."

"The company's success depends on their involvement and we could not succeed in implementing WCM without the cooperation of our unions worldwide. It's truly a team effort."

Fiat Chrysler will be recognized at the 13th Annual Manufacturing Leadership Awards Gala, which will be held as part of the Manufacturing Leadership Summit June 12-14 in Huntington Beach, Calif., Tinson said.

## Patterson Appoints Forzley As Head of Health Services

Oakland County Executive L. Brooks Patterson has appointed Kathleen Forzley to be the next director of the Department of Health and Human Services.

Forzley will be the first woman to lead the department, which oversees the county's Health Division, Homeland Security Division, and Children's Village, said Oakland County spokesman Bill Mullan. She replaces George Miller who retires April 28.

With a focus on population health improvement, Mullan said Forzley has worked to align community partners and resources to address complex health issues through numerous collaborative efforts, including the creation of Oakland County's health improvement initiative known as Energizing Connections for

Healthier Oakland (ECHO). She also has served in leadership roles for health initiatives on a regional and statewide level through her participation on the Michigan Public Health Advisory Commission, Mullan said.

"Kathy Forzley will do an outstanding job as director of the Health and Human Services Department," Patterson said.

"Her leadership overseeing more than 40 public health programs as the county's health officer has not only garnered many national and statewide awards but also has bolstered Oakland County's reputation for excellence in public health."

Forzley said she welcomes the challenges that go with being director of the Department of Health and Human Services.

1967 50th Anniversary 2017

USE YOUR UAW RETIREES VOUCHER FOR UP TO \$1000

SALE ENDS FRIDAY 3/31/17 AT 6:00 PM

TRUCK MONTH RAM

SPRING CLEARANCE EVENT

**2017 JEEP PATRIOT High Altitude 4x4**

SALE PRICE \$20,998

LEASE FOR \$1999 DOWN MSRP \$27,735

**\$89\*** 36 MO. 10K

**2017 DODGE JOURNEY GT AWD**

20% REBATE on Select Inventory

SALE PRICE \$23,425

LEASE FOR \$1499 DOWN MSRP \$35,535

**\$124\*** 24 MO. 10K

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

SALE PRICE \$31,999

LEASE FOR \$1499 DOWN MSRP \$45,810

**\$131\*** 24 MO. 10K

WITH RETURNING LEASE AND LEASE TURN IN

**2017 CHRYSLER 300S AWD**

20% REBATE on Select Inventory

SALE PRICE \$26,304

LEASE FOR \$1499 DOWN MSRP \$39,270

**\$152\*** 24 MO. 10K

FOR YOUR BEST DEAL, IT'S *Mike Riehl's* [www.riehlscars.com](http://www.riehlscars.com)

**ROSEVILLE**

CHRYSLER Jeep DODGE RAM

NEED FINANCING? [www.RosevilleEZLoan.com](http://www.RosevilleEZLoan.com) Get Pre-Approved in Seconds!

Mon & Thur 8:30AM-8:00PM • Tue, Wed & Fri 8:30AM-6:00PM • Saturday 9:00AM-2:00PM

25800 GRATIOT • ROSEVILLE (855) 711-7673

Map showing location at Gratiot and Frazzho Rd., 10 Mile Rd.

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 3/31/2017.

**FIRST CHOICE**

**MUFFLER & BRAKE SERVICE**  
23252 VAN DYKE  
3 Blocks North of 9 Mile  
HOURS: Mon.-Fri. 7:30am-5pm; Sat.-Closed

WARREN • 586-757-7203

**DELUXE OIL CHANGE SPECIAL**  
Up To 5 Qts. Of Oil Lube & Filter  
No Disposal Fee  
**\$23.36**

**RADIATOR POWER FLUSH & FILL COOLANT SYSTEM**  
Extended Life Coolant & GOS Extra  
**\$79.95**  
Most F.W.D. U.S. Cars • In-store offer ends 3-31-17

**BRAKE SPECIAL**  
**\$229.95** • Front Premium Disc Brake Pads • 2 New Front Rotors • Labor Included  
Most F.W.D. U.S. Cars • In-store offer ends 3-31-17

**Check Our Price on Tune Ups, Water Pumps, Heater Cores & Other Repairs**

**Valvoline**  
Includes topping off fluids  
3-31-17

**MAKE US YOUR FIRST CHOICE**



# Mopar Drag Team Starts Season On Strong Note

The streak continues. A Mopar-powered Top Fuel dragster raced to the winner's circle on March 19 for the third consecutive NHRA Mello Yello Drag Racing Series event to start 2017, as eight-time champion Tony Schumacher won the prestigious NHRA Gatornationals for the fifth time in his career.

The win is Schumacher's 83rd overall. His Don Schumacher Racing (DSR) U.S. Army Top Fuel Dragster defeated Antron Brown from the left lane in the final round with a pass of 3.703 seconds at 329.26 mph after a reaction time of .066.

Brown turned in a lap of 3.764 seconds at 322.65 mph paired with a .034 reaction time to keep the race in doubt until Schumacher turned on the win light. Schumacher started from the No. 1 position after setting an elapsed-time track record during round two of qualifying on March 17 with a pass of 3.682 seconds at 328.22 mph.

Schumacher defeated Smax Smith in the first round and took down Clay Millican in the second to set up a showdown with Steve Torrence in the semifinals. Torrence overpowered the track and slowed, allowing Schumacher to reach the final round.

Meanwhile, two Mopar Hemi-powered Dodge Charger R/T Funny Cars advanced to the semifinals. Matt Hagan, already a two-time race winner in 2017, defeated Dave Richards in the first round to earn the right to face his DSR teammate Ron Capps in the second. Hagan beat Capps for the third time this season after the 2016 Funny Car champion was disqualified for a wild ride in which he crossed the center line. Hagan went on to face young driver Jonnie Lindberg, where he smoked the tires mid-track.

Tommy Johnson Jr. bested Cruz Pedregon in the first round in his Make-A-Wish Dodge Charger R/T, then defeated fellow Dodge driver Jim Campbell in the second round even as he struggled to find traction.

Johnson ultimately lost to eventual event winner John Force after smoking his tires again. Fellow DSR teammate Jack Beckman just edged Tim Wilkerson in round one, before being bested by John Force after Beckman's Infinite Hero Dodge Charger R/T went up in smoke during the second round of eliminations.

# VW Emissions Scandal Hits Silverdome

PONTIAC, Mich. (AP) - The city of Pontiac is suing the owners of the decaying Pontiac Silverdome in suburban Detroit for violations of building, safety and zoning codes.

The Oakland Press of Pontiac reports complaints were filed with 50th District Court after a parking lot was used to store Volkswagen cars amid the automaker's U.S. emissions scandal.

Pontiac says car storage needs city approval.

Triple Investment Group of Toronto bought the Silverdome in 2009.

Patrick Lennon, a representative for Triple Investment Group, says it hasn't admitted responsibility to any of the allegations, but they're hoping to reach an agreement with the city.

The Silverdome opened in 1975. The Lions played football there until 2002, and the Detroit Pistons spent a decade playing basketball in the stadium.

Plans call for it to be demolished.

# FINAL DAYS FOR MARCH! MONDAY 8:30AM-9:00PM THIS IS THE MONTH TO DEAL! LARGEST 1 DAY SALE EVER!

March has been an Incredible Month for Incentives and New Car Sales! **YOU STILL HAVE TIME!** We Will Remain Open Until The Last Customer Is Sold And Delivered!

**DON'T WAIT! NOW IS THE TIME!**

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

CLIP THESE EXCLUSIVE HUVARE MARCH 2017 COUPONS! CAN SAVE YOU UP TO \$100 A MONTH ON A 24-MONTH LEASE

**EXCLUSIVE HUVARE**  
**2017 1500 CREW CAB**  
**RAM BONUS CASH**  
**\$2500**

**EXCLUSIVE HUVARE**  
**MARCH SELL-A-THON**  
**TRADE-IN BONUS CASH**  
**\$2000**

**EXCLUSIVE HUVARE**  
**MARCH SELL-A-THON**  
**BONUS CASH**  
**\$2000**

2017 HUVARE LEASE SPECIAL! GREAT SELECTION TO CHOOSE FROM!

**2017 DODGE JOURNEY GT • All Wheel Drive • Leather**

LEASE FOR 24 MO. **\$115\*\*** \$95 DUE #D7-00293

**2017 HUVARE MARCH SPECIAL**  
**2017 JEEP PATRIOT HIGH ALTITUDE**  
**HUGE SELECTION FOR IMMEDIATE DELIVERY!**  
**4x2 LEASE FOR \$102\*\*** 36 Mos. \$895 due  
**4x4 LEASE FOR \$92\*\*** 36 Mos. \$1395 due  
**24 Mo 1 PAY LEASE \$2796\*\*** J7-50112  
**24 Mo 1 PAY LEASE \$3687\*\*** J7-60023  
• Leather • Sunroof • Power Driver's Seat  
**141 AVAILABLE**

**2017 HUVARE MARCH SPECIAL**  
**2017 JEEP COMPASS HIGH ALTITUDE 4X4**  
**HUGE INVENTORY FOR IMMEDIATE DELIVERY!**  
**Lease For \$95\*\*** 36 Mo \$895 Due  
**220 2017 COMPASS AVAILABLE!**  
• Leather Seats • Power Sunroof • Power Driver's Seat • Bright Side Roof Rails • High Altitude Package

**2017 HUVARE MARCH SPECIAL**  
**2017 DODGE GRAND CARAVAN SXT GT**  
**Lease For \$116\*\*** 24 Mo \$1095 Due  
**Lease For \$108\*\*** 24 Mo \$395 Due  
**Incredible Huvaere March Special**

**CHRYSLER MARCH BUY SPECIALS**  
**New 2015 Chrysler 300 S** C5-30269 **SALE PRICE \$25,384\***  
**New 2015 Chrysler 300 S** C5-30307 **SALE PRICE \$28,167\***  
**2017 Chrysler 300 S AWD** **LEASE FOR \$113\*\*** 24 Mos. \$595 due C7-31052  
**2017 Chrysler 300 S AWD S Appearance Group** **LEASE FOR \$117\*\*** 24 Mos. \$1095 due C7-31062

**ALL NEW 2017 CHRYSLER PACIFICA**  
**SALE PRICE \$21,908\*** **LEASE FOR \$146\*\*** 36 Mos. \$1995 due  
**\$2000 HUVARE CASH!** C7-41230

**ALL NEW 2017 CHRYSLER PACIFICA TOURING L**  
**Touring L LEASE FOR \$169\*\*** 24 Mos. \$1995 due C7-41367  
**Your Choice! Great Lease Payments!**  
**Touring L Plus LEASE FOR \$198\*\*** 24 Mos. \$1995 due C7-41286

**ALL NEW 2017 CHRYSLER PACIFICA LIMITED**  
**SALE PRICE \$34,134\*** **LEASE FOR \$215\*\*** 24 Mos. \$1995 due  
**\$2000 HUVARE CASH!** C7-41284

**Jeep 2017 MARCH LEASE SPECIAL**  
**2017 Jeep Compass High Altitude**  
**Lease For \$109\*\*** 24 Mo \$195 DUE  
**2.4L DOHC, 6 Speed Auto. Trans., Leather Seats, Power Sunroof.**  
**HUGE INVENTORY FOR IMMEDIATE DELIVERY!**  
**220 2017 COMPASS AVAILABLE!**

**2017 HUVARE SPECIAL BUY**  
**2016 Jeep Cherokee Limited 4x4 High Altitude Edition**  
**Leather • 18" Black Aluminum Wheels • Don't Wait! Won't Last Long!**  
**SALE PRICE \$21,999\*** J6-70636

**NEW 2015 JEEP RENEGADE LATITUDE 4X4** **SALE PRICE \$16,872\*** JS-80094  
**2016 JEEP RENEGADE LATITUDE** **SALE PRICE \$15,930\*** J6-80011  
**2017 JEEP RENEGADE LATITUDE 4X4** **LEASE FOR \$111\*** 36 Mos. \$1995 due J7-80028

**2017 JEEP GRAND CHEROKEE LAREDO 4X4** **LEASE FOR \$124\*\*** 24 Mos. \$1395 due J7-20092  
**2017 JEEP GRAND CHEROKEE LIMITED 4X4** **LEASE FOR \$169\*\*** 24 Mos. \$1995 due J7-20259

**2017 JEEP WRANGLER UNLIMITED 4X4** **LEASE FOR \$138\*\*** 36 Mos. \$1995 due J7-30059  
**2017 JEEP WRANGLER UNLIMITED 4X4** **LEASE FOR \$199\*\*** 36 Mos. \$1995 due J7-30087

**DICK HUVARE'S RICHMOND**  
**CHRYSLER DODGE Jeep RAM SRT MOPAR**  
**67567 S. Main St. Richmond**

**866-610-0090**

Online at: DriveEnvy.com

**SALE HOURS:**  
Monday and Thursday 8:30-9:00  
Tues., Wed. and Fri. 8:30-6:00  
Saturday 9:00-4:00

**TRUCK MONTH**

**SPRING CLEARANCE EVENT**

**UNBELIEVABLE MARCH LEASE SPECIAL!**  
**2017 JEEP GRAND CHEROKEE LAREDO ALTITUDE 4X4**  
**LEASE FOR \$126\*\*** 24 Mos. \$1995 due  
**Altitude Package • 8.4" Touchscreen • Heated Seats • Heated Steering Wheel • 20" Gloss Black Aluminum Wheels**  
**HUGE INVENTORY OF ALTITUDES!**

**#1 RAM STORE 2013/2014/2015/2016 JAN 2017/FEB 2017**

**RAM**  
• March is officially Truck Month at Dick Huvaere's  
• Special 24 Month Huvaere Leases  
• Monthly or 1 Pay Specials!

**2017 RAM 1500 CREW CAB 4X4**  
**March Is TRUCK MONTH!** **LEASE FOR \$119\*\*** 24 Mos. \$295 due  
**\$2500 HUVARE CASH** D7-12655

**2017 RAM 1500 CREW CAB 4X4**  
**LEASE FOR \$123\*\*** 24 Mos. \$1095 due  
**\$2500 HUVARE CASH** D7-12573

**DICK HUVARE'S IS YOUR RAM STORE**  
**MARCH IS THE TIME TO LEASE A RAM!**  
**2017 1500 CREW CAB 4X4 BIG HORN** **LEASE FOR \$109\*\*** 24 Mos. \$895 due  
**Big Horn • Spray-in Bedliner • Heated Seats • Alpine Speakers**  
**#1 RAM STORE 2013, 2014, 2015, 2016** D7-12173

**MARCH IS A GREAT TIME TO LEASE A RAM!**  
**2017 1500 CREW CAB 4X4 BIG HORN** **LEASE FOR \$111\*\*** 24 Mos. \$1995 due  
**5.7 Hemi • Big Horn • Heated Seats • Wheel Group • 26S Package • Premium Interior • And So Much More**  
**ABSOLUTE BEST RAM DEALS ARE AT DICK HUVARE'S** D7-12592

**2017 RAM 1500 CREW CAB 4X4 LARAMIE** **LEASE FOR \$184\*\*** 24 Mos. \$1995 due  
**#1 RAM STORE 2013, 2014, 2015, 2016** **\$2500 HUVARE CASH** D7-12448

**DODGE MARCH LEASE SPECIAL!**  
**2017 Dodge Journey GT AWD** **LEASE FOR \$115\*\*** 24 Mos. \$95 due  
**Leather Interior • 363 Available • All Wheel Drive**  
**Great Selection!**

**2016 DODGE CHALLENGER HELLCAT SRT**  
**AUTO. TRANS. SALE PRICE \$59,225\*** D6-50082  
**MANUAL TRANS. SALE PRICE \$56,691\*** D6-50004  
**EMPLOYEE/FRIENDS DISCOUNT AVAILABLE!**  
**HELLCAT LEASE SPECIALS!**  
**LEASE FOR \$399\*\*** 36 Mos. \$1995 due  
**LEASE FOR \$416\*\*** 36 Mos. \$1995 due

**NEW 2015 DODGE CHALLENGER SXT PLUS** **SALE PRICE \$32,899\*** D5-50052  
**\$2000 HUVARE CASH On All Challengers In Stock!**  
**NEW 2015 DODGE CHALLENGER SXT PLUS** **SALE PRICE \$32,995\*** D5-50064

**2017 GRAND CARAVAN SXT** **LEASE FOR \$116\*\*** 24 Mos. \$1095 due D7-40564  
**2017 GRAND CARAVAN SE** **LEASE FOR \$17,876\*** D7-40504  
**2017 GRAND CARAVAN GT** **LEASE FOR \$108\*\*** 24 Mos. \$1995 due D7-40749

**2017 DODGE DURANGO SXT AWD** **LEASE FOR \$114\*\*** 24 Mos. \$1995 due D7-30055  
**2017 DODGE DURANGO CITADEL** **LEASE FOR \$216\*\*** 24 Mos. \$1995 due D7-30070

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, 36, 36 month FCA US LLC employee leases. The amount due on all leases requires 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 thru July or 25 cents thru Chrysler Capital for excess mileage. Customer must qualify for 1 or 5 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 lease. 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, trade assist cash, 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. Exclusive 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.

# AAM Creating New Technologies to Meet New Standards

CONTINUED FROM PAGE 1

power density increase comes with a minimum 30 percent mass reduction at the same torque capacity.

“For a heavy-duty pickup, Quantum provides more than 100 pounds of vehicle weight savings. It is significantly more efficient without any reduction in performance.

“Its new design is centered on using traditional axle components in new ways. Bearings are arranged more efficiently and gears are set in optimal positions. AAM’s engineers utilized system innovation to eliminate weight by combining functions of many components and developing proprietary lubricants that would increase system efficiency and durability.

“In a traditional axle, shims are used to ensure an axle’s hypoid gears are installed precisely for optimum durability and NVH. Because of Quantum’s smart design, engineers were able to eliminate the need for shims while still providing up to a five-decibel improvement in NVH performance.”

Scalable across vehicle segments, Quantum can be adapted for use on virtually any size truck or passenger vehicle, Guys said.

AAM initially designed a Quantum lightweight beam axle for rear-wheel-drive (RWD) vehicles such as pickup trucks but has expanded Quantum technology to include RWD and all-wheel-drive (AWD) passenger vehicles, crossovers and SUVs.

Scalable across vehicle segments, Quantum can be adapted for use on virtually any size truck or passenger vehicle, Guys said.

The next step for AAM, Simonte said, is developing eSystems for hybrid and electric driveline systems. By 2018,

the company’s first e-product should be hitting the marketplace.

“AAM is well-positioned to benefit from the global trend toward electrification,” Simonte said.

AAM has invested \$140 million in research and development in 2016 alone, Simonte said.

Chris Son, director of Marketing and Communications at AAM, said that technology leadership is the key to AAM’s growth. He said the company, which was created in 1994, has depended heavily on its legacy core business of making drive axles.

When SUVs used rear axle drives in the 1990s, business was great, said Simonte, but starting in 2005, OEMs began the shift toward making front-wheel-drive SUVs.

Combined with the recession of 2008, AAM sales hit \$1.6 billion in 2009. Since then, AAM has recovered and project sales for 2017 will be more than \$4 billion.

Son said the development of AAM’s EcoTrac technology was a big reason for the improved sales.

“We got serious about developing front-wheel-drive architecture,” Simonte said. “It’s still the largest part of our sales. It’s an industry first – a disconnecting all-wheel-drive system that dramatically increased efficiency, safety and performance when it was introduced.

“Now, the second-generation EcoTrac will further this mission with even greater efficiency and packaging gains.”

Guys said when originally launched on the 2014 Jeep Cherokee, AAM’s EcoTrac Disconnecting AWD gives drivers the performance of an AWD vehicle with the fuel economy of a front-wheel-drive vehicle by automatically and seamlessly

using only the front wheels when AWD is not required.

The EcoTrac AWD system disconnects at the power transfer unit (PTU), so that the driveshaft stops spinning and power is no longer sent to the rear wheels. Less spinning means less fuel consumption and fewer emissions. When the EcoTrac system senses that road conditions necessitate AWD, EcoTrac automatically reconnects the PTU and rear drive module to seamlessly provide AWD.

Launching next year, the second-generation EcoTrac is even more efficient, said Guys.

It reduces the system drag of a typical AWD system by more than 90 percent, as compared to 80 percent for the first generation.

Furthermore, AAM was able to reduce the size and weight of the EcoTrac system without affecting safety and functionality.

“AAM’s EcoTrac was a groundbreaking technology that significantly increased fuel economy, vehicle handling and off-road capability,” said Guys.

“We have raised the bar with our next-generation EcoTrac. It’s lighter and smaller with increased torque density. This



Phil Guys

means drivers will see further fuel economy improvement while the reduced packaging footprint will allow our customers the flexibility to incorporate other vehicle systems.

“When you add a traditional AWD system to a vehicle, it increases safety, but it also decreases fuel economy by one to three miles per gallon.

“AAM’s system offsets that fuel economy penalty but still allows drivers the safety and functionality of an AWD system. It’s a win-win for people who are looking for fuel-efficient AWD.”

## Oakland Seeks Health Nominations

The Oakland County Health Division Women, Infants, and Children (WIC) program is seeking nominations for its 3rd Annual Breastfeeding-Friendly Place Award.

Awards will honor Oakland County pediatrician offices, employers, and businesses that are taking extra steps to support breastfeeding mothers, said Kathy Forzley, Health Division manager/health officer.

Those interested should complete an online nomination form

at oakgov.com/health. Award nomination entries are due Friday, April 28, at 5 p.m.

“Businesses, employers, and pediatrician offices that support breastfeeding mothers by providing a comfortable, welcoming environment send a clear message that breastfeeding is a normal and accepted way to feed babies,” said Forzley.

“They are helping to develop healthy children.”

Award winners will be announced Aug. 9.

## French Find More Evidence in Emissions Fraud

PARIS (AP) – French investigators say they have found evidence of possible emissions fraud in Fiat, Renault, Peugeot-Citroen and Volkswagen cars sold in France, but have found no proof of fraud in Opel vehicles.

The Finance Ministry announced in a statement March 20 that its consumer fraud agency has closed its investigation into Opel, having found no “facts constituting an infraction of fraud.”

The ministry said the agency has handed documents to French courts in recent months showing “evidence of fraud” in emissions controls concerning Volkswagen, Renault, Fiat Chrysler and Peugeot Citroen.

The ministry did not specify whether investigators found cheating software, or so-called defeat devices, to trick emissions tests.

Now it’s up to the French justice system to determine whether to send the companies to trial.

The ministry said investigations into other carmakers are still under way, prompted by the 2015 discovery that Volkswagen used software to cheat on U.S. diesel emissions tests.

Investigators and regulators have cracked down on emissions cheating in response to the scandal.

Renault denied a report last week that its vehicles are equipped with similar software. Renault recalled 15,000 cars last year over excessive levels of harmful gases, but the company insisted there was no intentional wrongdoing.

TRANSPARENT

PRICING

No games. No gimmicks.

- No old school, hidden-fee pricing.
- The price you see should be the price you pay.
- PLUS** we only include rebates you would actually qualify for.

SELLERS

REPUTATION IS EVERYTHING

BUICK

GMC

38000 Grand River Ave. | Farmington Hills, MI 48335

888-504-2960 | SellersBuickGMC.com

See Dealer for Details

2017 Buick Encore

FWD Lease Offer MSRP: \$25,290

\$171

per month

TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT

INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model

24 months

10,000 miles year

\$494 total due at signing (includes first month payment)

2017 Buick Enclave

CONVENIENCE FWD Lease Offer MSRP: \$40,060

\$246

per month

TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT

INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model

24 months

10,000 miles year

\$693 total due at signing (includes first month payment)

2017 GMC Terrain

SLE1 FWD Lease Offer MSRP: \$28,360

\$169

per month

TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT

INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model

24 months

10,000 miles year

\$529 total due at signing (includes first month payment)

2017 GMC Acadia

SLE1 FWD Lease Offer MSRP: \$33,770

\$255

per month

TRANSPARENT PRICING

INCLUDES: ALL TAXES & FEES, NO SECURITY DEPOSIT

INCENTIVES INCLUDED: GM Employee Pricing, GM Lease Loyalty + Select Model

24 months

10,000 miles year

\$477 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.

SP96488





# MARCH MANIA!

**SCORE BIG SAVINGS All Month Long on EVERY New Buick or GMC in Stock!**

## 2017 BUICK ENCORE "PREFERRED"



- 1.4L TURBO DOHC ENGINE!
- PUSH BUTTON START!
- INTELLINK RADIO w/8" DIAGONAL COLOR TOUCH SCREEN!
- 18" ULTRA BRIGHT ALUMINUM WHEELS!
- REMOTE KEYLESS ENTRY!
- REAR VISION CAMERA!
- BLUETOOTH FOR PHONE!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG800

Was \$25,825  
Sale Price \$21,699\*

**NO EMPLOYEE DISCOUNT REQUIRED!**

**The Best Price... PERIOD!**

**24 MONTH LEASE**  
**\$139\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

## 2017 BUICK REGAL "SPORT TOURING"



- 2.0 TURBO DOHC 4 CYL. SIDI ENGINE!
- INTELLINK RADIO w/8" DIAGONAL COLOR TOUCH SCREEN!
- REAR SPOILER!
- REMOTE KEYLESS ENTRY!
- 18" ALUMINUM WHEELS!
- REAR VISION CAMERA!
- BLUETOOTH FOR PHONE!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG145

Was \$29,540  
Sale Price \$23,999\*

**The Best Price... PERIOD!**

**24 MONTH LEASE**  
**\$149\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

## 2017 BUICK ENCLAVE "CONVENIENCE"



- 3.6L V6 ENGINE!
- INTELLINK RADIO w/8" DIAGONAL COLOR TOUCH SCREEN!
- REMOTE START AND ENTRY!
- 7 PASSENGER "CAPTAIN CHAIR" SEATING!
- TRI-ZONE CLIMATE CONTROL!
- POWER LIFTGATE!
- 19" ALUMINUM WHEELS!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG746

Was \$40,140  
Sale Price \$33,699\*

**The Best Price... PERIOD!**

**24 MONTH LEASE**  
**\$159\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

## 2017 BUICK ENVISION "PREFERRED"



- 2.5L DOHC V6 ENGINE!
- INTELLINK RADIO w/8" DIAGONAL COLOR TOUCH SCREEN!
- REMOTE KEYLESS ENTRY AND START!
- REAR VISION CAMERA!
- 18" ALUMINUM WHEELS!
- PUSH BUTTON START!
- BLUETOOTH FOR PHONE!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG407

Was \$36,795  
Sale Price \$27,999\*

**The Best Price... PERIOD!**

**24 MONTH LEASE**  
**\$249\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

EXPERIENCE  THE NEW BUICK

## 2017 GMC TERRAIN "SLE 1"



- 2.4L DOHC VVT ENGINE!
- INTELLINK RADIO w/7" DIAGONAL COLOR TOUCH SCREEN!
- REMOTE KEYLESS ENTRY!
- REAR VISION CAMERA!
- ALUMINUM WHEELS!
- HEATED MIRRORS!
- BLUETOOTH FOR PHONE!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG615

Was \$28,360  
Sale Price \$20,800\*

**The Best Price... PERIOD!**

**24 MONTH LEASE**  
**\$89\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

## 2017 "ALL NEW" GMC ACADIA "SLE 1"



- 2.5L DOHC SIDI VVT ENGINE!
- INTELLINK RADIO w/7" DIAGONAL COLOR TOUCH SCREEN!
- KEYLESS OPEN AND START!
- REAR VISION CAMERA!
- 7 PASSENGER SEATING!
- ALUMINUM WHEELS!
- BLUETOOTH FOR PHONE!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG672

Was \$33,375  
Sale Price \$27,699\*

**The Best Price... PERIOD!**

**24 MONTH LEASE**  
**\$148\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

## 2017 GMC YUKON "SLE" 4x4



- 5.3L V8 ECOTEC3 ENGINE!
- INTELLINK RADIO w/8" DIAGONAL COLOR TOUCH SCREEN!
- REAR VISION CAMERA!
- TRAILERING PACKAGE!
- FRONT AND REAR PARK ASSIST!
- REMOTE START AND ENTRY!
- 18" BRIGHT ALUMINUM WHEELS!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# BG602

Was \$52,725  
Sale Price \$47,450\*

**The Best Price... PERIOD!**

**36 MONTH LEASE**  
**\$369\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

## 2017 GMC SIERRA DENALI 4x4 CREW CAB



- 5.3L V8 ECOTEC3 ENGINE!
- INTELLINK RADIO w/7" DIAGONAL COLOR TOUCH SCREEN!
- ENHANCED DRIVER ALERT PACKAGE!
- REMOTE START AND ENTRY!
- FULL-FEATURE LEATHER-APPOINTED HEATED BUCKET SEATS!
- 6" RECTANGULAR CHROME TUBULAR ASSIST STEPS!
- 20" ULTRA BRIGHT MACHINED ALUMINUM WHEELS!
- ONSTAR w/4G LTE w/BUILT-IN WI-FI HOTSPOT!

STK# 65025

Was \$56,750  
Sale Price \$48,271\*

**The Best Price... PERIOD!**

**36 MONTH LEASE**  
**\$387\*** PER MONTH  
\$999 DOWN  
NO SECURITY DEPOSIT REQUIRED

**GMC** WE ARE PROFESSIONAL GRADE

**We NEED your Trade... Get \$1000 OVER Kelley Blue Book... GUARANTEED!\***



### SHOWROOM HOURS:

Monday 8:00 AM - 9:00 PM  
Tuesday 8:00 AM - 6:00 PM  
Wednesday 8:00 AM - 6:00 PM  
Thursday 8:00 AM - 9:00 PM  
Friday 8:00 AM - 6:00 PM

**(734) 946-8112**

**14000 TELEGRAPH ROAD, TAYLOR | moranbuickgmc.com**

\*Pictures may not represent actual sale vehicle. All applicable incentives including bonus cash, bonus tags, competitive lease, lease conquest and/or lease loyalty offers have been deducted from Sale Prices/Payments and are subject to change by the manufacturer without notice and are plus title, tax, plate, doc and CVR fees and were valid at time of printing. GM Employee discount is required except where noted. Leases are 10,000 miles per year. 2017 Envision is former courtesy transportation vehicle with under 2350 miles. Disposition fee may be required at lease turn in. \$1000 over KBB guarantee is on 2004 thru 2014 model year vehicles, less reasonable reconditioning. No branded titles. Certain restrictions apply, see dealer for complete details on all incentives/offers. Sale ends 3/31/2017 @ 6:00PM.



buff whelan chevrolet,  
where the CUSTOMER IS NUMBER 1

OVER 1,000  
New Chevrolets  
in Stock!



CALL  
JEFF CAUL  
586-274-0396

2017 CHEVY CRUZE LT

\$68+ TAX WITH \$0 DOWN  
24 MTH LEASE  
10,000 MILES

WITH LEASE CONQUEST • NO SECURITY DEPOSIT REQUIRED  
Equipped with Power Locks, Power Windows, Power Mirrors, Keyless Entry, Back-Up Camera, Bluetooth and More...



2017 CHEVY SILVERADO

Double Cab 4x4 Allstar Pkg.  
\$275+ TAX WITH \$0 DOWN  
36 MTH LEASE  
10,000 MILES

WITH LEASE CONQUEST • NO SECURITY DEPOSIT REQUIRED  
Equipped with Power Locks, Power Windows, Remote Start, Power Seats, Back-Up Camera, Hitch, Locking differential, XM Radio, OnStar and More...

2017 CHEVY EQUINOX LS

\$126+ TAX WITH \$0 DOWN  
24 MTH LEASE  
10,000 MILES

WITH LEASE CONQUEST • NO SECURITY DEPOSIT REQUIRED  
Equipped with Power Locks, Power Windows, Power Mirrors, Keyless Entry, Back-Up Camera, Bluetooth, OnStar, XM Radio & More...



2017 CHEVY TRAVERSE LS

\$198+ TAX WITH \$0 DOWN  
24 MTH LEASE  
10,000 MILES

WITH LEASE CONQUEST • NO SECURITY DEPOSIT REQUIRED  
Equipped with Power Locks, Power Windows, Power Mirrors, Keyless Entry, Bluetooth, OnStar, XM Radio and More...

Free shuttle service to home, office or shopping.  
**buff whelan chevrolet**  
WHERE THE DEALS MAKE THE DIFFERENCE, EVERY DAY SINCE 1970!

Van Dyke • South of 18 Mile • Sterling Heights

Jeff Caul

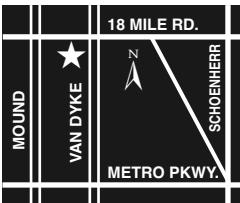
586-274-0396



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



MEMBER SINCE 1989



CONVENIENT HOURS: MON. & THURS. 8:30AM-9PM / TUES., WED. & FRI. 8:30AM-6:30PM / FIND NEW ROADS

\*See dealer for details. All Rebates/Incentives have been deducted from sale price/payment and are subject to change by manufacturer without notice. GM Employee discount required unless otherwise noted. All lease assume that you qualify for lease conquest. To qualify for Lease Conquest you must have a NON-GM Lease in the household that terminates within 365 days. All lease payments are based on 10,000 miles per year. 1st payment, tax, title and plate fee due at signing on all leases unless otherwise noted. All deals expire 03/31/2017

New Technology? – In 1930,  
It Was Motorola's Car Radio

by Jim Stickford

Automakers using wireless technology to make their automobiles more attractive is nothing new. The tradition goes as far back as 1930, when the first radios were built in cars.

According to PCMag, in 1930, Paul and Joseph Galvin, along with William Lear, developed the first automobile dashboard radio and named it the "Motorola," or motorized Victrola – and demonstrated the 5T71 prototype in a Studebaker.

And, Car&Driver magazine reports that the first car radios weren't cheap. It cost \$130 at a time when a Ford Model A Deluxe Coupe cost \$540.

The problem was overcoming the difficulties in vacuum tube technology. Around 1920, vacuum tube technology had matured to the point where the availability of radio receivers made radio broadcasting viable.

A technical challenge was that the vacuum tubes in the radio receivers required 50 to 250 volt direct current but car batteries ran at 6V.

Voltage was stepped up with a vibrator that provided a pulsating DC that could be converted to a higher voltage with a transformer, rectified, and filtered to create higher-voltage DC.

Motorola went on to sell millions of car radios, and later, two-way radios for police and fire departments, home stereo systems, and televisions before moving into transistors, solid-state electronics, and semiconductors.

And, according to writer Bill DeMann in an article written for the mental-floss Web site, the reaction to the new technology



First Motorola car radio

wasn't without its own difficulties.

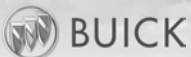
DeMann wrote that in 1930, laws were proposed in Massachusetts and St. Louis to ban radios while driving.

DeMann added that, according to automotive historian Michael Lamm, "Opponents of car radios argued that they distracted drivers and caused accidents, that tuning them took a driver's attention away from the road, and that music could lull a driver to sleep."

Even the Auto Club of New York agreed. In their 1934 poll, 56 percent deemed the car radio a "dangerous distraction." Arguing the other side was the Radio Manufacturers Association, who said car radios could be used to warn drivers of inclement weather and bad road conditions, as well as keeping them awake when they got drowsy.

By the early 1930s, built-in Motorola radios were standard features in cars, DeMann wrote. Later in the decade, push-button tuning and presets helped drivers to select stations without taking their eyes off the road.

VYLETEL



EXPERIENCE THE NEW BUICK

ALL NEW 2017  
BUICK ENCLAVE  
FWD • CONVENIENCE

24 MONTH/  
10K PER YEAR  
LEASE  
FOR ONLY  
**\$129\***



DEAL# 66406 • STK# 5483-17  
GMS pricing plus tax, title, lic. & doc. fees  
must have lease conquest rebate.  
\$999 down with approved credit.  
NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2017  
BUICK LACROSSE  
FWD • PREFERRED

39 MONTH/  
10K PER YEAR  
LEASE  
FOR ONLY  
**\$229\***



DEAL# 66403 • STK# 5372-17  
GMS pricing plus tax, title, lic. & doc. fees  
must have lease conquest rebate.  
\$999 down with approved credit.  
NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2017  
BUICK ENVISION  
FWD • PREFERRED

36 MONTH/  
10K PER YEAR  
LEASE  
FOR ONLY  
**\$259\***



DEAL# 66406 • STK# 5483-17  
GMS pricing plus tax, title, lic. & doc. fees  
must have lease conquest rebate.  
\$1259 down with approved credit.  
NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2017  
BUICK ENCORE  
FWD • PREFERRED

24 MONTH/  
10K PER YEAR  
LEASE  
FOR ONLY  
**\$69\***



DEAL# 65358 • STOCK# 5383-17  
GMS pricing plus tax, title, lic. & doc. fees  
must have lease conquest rebate.  
\$999 down with approved credit.  
NO SECURITY DEPOSIT REQUIRED!



WE ARE PROFESSIONAL GRADE

2016 GMC  
SIERRA  
1500 • 4WD • DOUBLE CAB • SLE

**\$34,497\***

WAS \$47,875



NAVIGATION, 20" RIMS, 5.3L V8, SPRAY ON BEDLINER, NICE TRUCK!

STK# 3572-16  
GM pricing plus tax, title, lic. & doc. fee.

ALL NEW 2017 GMC  
ACADIA  
FWD • SLE-1 • NEXT GENERATION

39 MONTH/  
LEASE  
FOR ONLY  
**\$219\***

ALL NEW 2017 ACADIA



STK# 9809-17 • DEAL #5641  
GMS pricing plus tax, title, lic. & doc. fee.  
with approved credit.  
Must have lease conquest rebate.  
NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2017 GMC  
TERRAIN  
FWD • SLE-1

24 MONTH/  
LEASE  
FOR ONLY  
**\$69\***



DEAL# 66408 • STK# 9483-17  
GMS pricing plus tax, title, lic. & doc. fee.  
Plus tax, title, lic. & doc. fee, with approved credit.  
NO SECURITY DEPOSIT REQUIRED!

ALL NEW 2017 GMC  
YUKON  
4WD • SLE

39 MONTH/  
LEASE  
FOR ONLY  
**\$397\***



STK# 9914-17  
GMS pricing plus tax, title, lic. & doc. fee.  
\$999 down with approved credit.  
Must have lease conquest rebate.  
NO SECURITY DEPOSIT REQUIRED!

2016 BUICK CASCADA

PREMIUM • 1SP

SAVE OVER  
\$10,000 OFF LIST

NOW  
**\$26,995\***

WAS \$33,885



STK# 4895-16  
GMS pricing plus tax, title, lic. & doc. fees.

ALL NEW 2017 GMC  
SIERRA  
1500 • 4WD • DOUBLE CAB

39 MONTH/  
LEASE  
FOR ONLY  
**\$299\***

WAS \$47,875



ELEVATION EDITION  
LOADED! (20" RIMS, 5.3L V8, SPRAY ON BEDLINER, NICE TRUCK!)  
DEAL# 66413 • STK# 9870-17  
GMS pricing plus tax, title, lic. & doc. fee.  
\$1,250 down with approved credit.  
NO SECURITY DEPOSIT REQUIRED!

VISIT OUR WEBSITE TO SEARCH FOR MORE VEHICLE SELECTIONS AT WWW.VYLETEL.NET

40755 Van Dyke • Sterling Heights • 586.977.2800

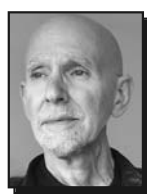
WWW.VYLETEL.NET

SALES: Sun CLOSED; M, TH 8:30am-9pm; T, W, F 8:30am-6pm; SAT 10am-3pm  
SERVICE: Sun CLOSED; M, TH 7am-8pm; T, W, F 7am-6pm; Sat 8am-1pm

\*Lease figure with \$1500 Dealer V.C. Certificates Program subject to change while V.C. Supplies Last. \*Lease example is Stock Specific. \*GM Employee Pricing Plus Tax, Title, Lic. and Doc. No Security Deposit Required. \*All lease/purchase examples are figured with GM employee pricing. Lease conquest rebate applies to customers who have a non GM lease in household set to expire within 365 days of new lease/purchase delivery date. \*Black/GMC lease loyalty rebate applies to customers who have a current Black/GMC lease in household. NC certificates may apply to lease/purchase examples and are good while dealer supply lasts. Prices subject to change during the month of February 2017. \*GM Employee Pricing Plus Tax, Title, Lic. and Doc. No Security Deposit Required. Total due at lease signing 2017 ENCORE \$1569, 2017 Lacrosse \$1599, 2017 Terrain \$1999, 2017 Acadia FWD \$219, 2017 Acadia Limited \$1699, 2017 Terrain SLE-1 \$69, 2017 Sierra Double Cab \$1629, 2017 Yukon \$1,699. \*For GM Employee Purchase or Lease Conquest Rebate Customer Must Have Non GM Lease in Household To Expire Within 365 Days Of Delivery Of New Purchase or Lease. Programs subject to change. \*\*Additional 2 payments of a max amount of \$400.00 total. Photos may not represent actual vehicle. Price is subject to change without notice. See dealer for details. Expires 3/31/17

LAST  
WEEK OF THE  
MONTH,  
ALMOST ANYTHING  
GOES,  
BEFORE YOU  
PICK UP YOUR  
NEW  
LEASE  
OR  
PURCHASE,

PLEASE GIVE ME A CALL TO BE SURE YOU  
HAVE THE LOWEST PAYMENT, OR PRICE.  
I MAY SURPRISE YOU!



Please call with the vehicle you desire  
and you will be delighted with the payment.

CALL  
BRUCE LITVIN  
- 24/7 & 365 -  
40 YEARS  
OF QUALITY SERVICE

CELL # 1-586-405-5175

blitvin@lunghamer.com

1-888-665-5438

Joe Lunghamer



44296



42333

WE ARE PROFESSIONAL GRADE®  
#21552

475 SUMMIT DRIVE • 248-292-2502 • 5825 HIGHLAND RD. (M59) • WATERFORD





Ana Wagner

# Dow Automotive Manager Says Networking, Career Mentoring Are Extremely Important

by Jim Stickford

Networking and seeking a mentor can be very important factors in moving up in the auto industry, said Ana Wagner, Global Strategic Marketing manager for Dow Automotive in Auburn Hills.

Wagner was one of the “Latina Leadership” panelists at the recent Society of Hispanic Professional Engineers conference held last week in Detroit.

A few women from other companies, as well as herself, talked about their experiences and the role Latina women can play in the engineering field, Wagner said. Questions revolved around issues such as how women can progress in the auto industry.

“My answer is that I didn’t have a super formal process,” Wagner said. “Mentors have played a big role in my career and I tell people that mentors don’t always have to come from the company where they are currently employed.

“A mentor doesn’t have to be a boss. The mentor can be a colleague who gives you a very different perspective.”

Wagner said networking is also important. That’s why she speaks at conferences put on by organizations such as the Society of Hispanic Professional Engineers. It’s a way for her to meet others in her field and to network.

Getting to her position at Dow Automotive began in her home country of Colombia, Wagner said.

“I’ve always found engineering fascinating,” Wagner said. “Industrial engineering in particular. I love the way things are put together. I went to school in Bogota

at Xavier University. It’s a Jesuit school. I later got my MBA at Michigan. I’ve lived here for 22 years.”

Wagner first came to Michigan to participate in a six-month industrial engineering program.

“I met someone who would later become my husband and I hung around,” Wagner said. “I heard that Ford was looking for someone with industrial engineering skills. I couldn’t believe it.

The company that was founded by Henry Ford, the father of industrial engineering with the invention of the production line, was looking for someone like me.”

Ford liked what they saw when she applied and she was hired.

Through the years she has worked at several different companies. One of them would become Eastman Chemical. It was there that she met Jay Pyper, a man who became a mentor to her.

“Jay believed in me,” Wagner said. “He let me own my own role in the company and was a real sounding board. We still talk. And that’s one thing I like to say. A mentor doesn’t have to be a woman.

“Jay is a big supporter of women moving up in the auto business. There are a lot of people like that. Steve Henderson, president of Dow Automotive, is also such a person.”

Having mentors and networking are important to being successful, Wagner said. But she also tells people that being happy in one’s work, liking one’s job is also important.

“Look, I understand that no one is happy with their job 100 percent of the time,” Wagner

said. “There will be bad days. But I do believe that in order to be good at your job, to be successful at your job, you should like what you’re doing at least 70 percent of the time. If you hate your job, you won’t be pleasant and you won’t be very good at it.”

Wagner said she would like to see more women reach the upper ranks of the auto industry.

“I recently attended an IHS conference, and I’d say that only 10 or 15 percent of the audience were women,” Wagner said. “I just don’t think that’s enough women. But with Mary Barra, we have a woman CEO at GM. I hope that’s a catalyst for the rest of the industry.”

Wagner said that many women do graduate with engineering degrees. They do well at the entry level, but not that many move up into middle management.

“I can’t put my finger on why that happens,” Wagner said. “But I believe it’s important that we get more women into middle and upper management.”

Wagner and her husband Jim are the parents of two children, ages 11 and 13. She said that she’s been able to manage family and a job because men – like her husband – these days are chipping in with household duties.

“It’s a true partnership,” Wagner said. “When one of us travels, the other picks up the load by picking up the kids.”

Wagner has been at Dow for six years. She has moved away from the engineering side of things and has been in marketing since 2000.

“I’m hoping to continue to make a difference at Dow,” Wagner said. “I love mentoring people myself, especially young female engineers.”

## Learn If Your Car is Recalled

More than 1.8 million vehicles on Michigan roads have unfixed safety recalls, according to annual research on auto recalls from Carfax. That’s an alarming 21 percent increase from 2016.

Now, better than one out of every five vehicles in the state is affected, said Carfax spokesman Chris Basso.

Carfax has identified ten places in Michigan where people are most likely to have a car with unfixed recalls:

- Detroit. An estimated 26 percent of vehicles, totaling 88,962;
- Southfield. An estimated 24 percent of vehicles, totaling 27,449;
- Kalamazoo. An estimated 23 percent of vehicles, totaling 27,297;
- Grand Rapids. An estimated 23 percent of vehicles, totaling 61,665;
- Sterling Heights. An estimated 23 percent of vehicles, totaling 23,723;
- Warren. An estimated 21 percent of vehicles, totaling 24,484;
- Ann Arbor. An estimated 21 percent of vehicles, totaling 22,335;

- Muskegon. An estimated 20 percent of vehicles, totaling 20,910;

- Lansing. An estimated 20 percent of vehicles, totaling 25,548.

- Saginaw. An estimated 18 percent of vehicles, totaling 18,553.

Basso said that people can learn more about this problem across the country by visiting the Web site [www.carfax.com/recall](http://www.carfax.com/recall) for an interactive recall map for all 50 states, an open recall infographic and helpful tips about recalled vehicles.

One reason for the surge in unfixed recalls, Basso said, is that people often are unaware that a recall has been issued for their vehicle.

To help, Carfax offers members of the public a free website and mobile app service called [myCarfax.com](http://myCarfax.com), Basso said.

Users enter their license plate or VIN to see current open recalls, and get alerts from myCarfax on their mobile device for up to five vehicles when new recalls are issued for them.

## Mound Road Proposal Sees New Progress

The executive committee of the Innovate Mound public-private partnership has been named between local governments and business executives.

Committee members are looking to work together to ensure the success of Innovate Mound.

The Mound infrastructure project calls for the transformation of nine miles of Mound Road into a state-of-the-art corridor, said Macomb County spokesman John Paul Rea.

The estimated investment needed for this project is \$217 million, a large portion of which will be sought through federal funding, Rea said.

A critical component of competing for federal funding is demonstrated stakeholder support.

“The team behind Innovate Mound is a great model for intergovernment and public-private partnership,” said County Executive Mark A. Hackel.

“The cities of Warren and Sterling Heights, together with Macomb County, are thrilled to have such an impressive list of professionals representing many of the leading companies located along Mound Road.”

Having an established relationship with these representatives also allows the project to collect company-specific input on the design and build of the project, Rea said.

For example, engineers from the U.S. Army Detroit Arsenal, home of the TACOM Life Cycle Management Command, will provide input related to current entrance and exit challenges.

“The collaborative effort shown with Innovate Mound by including the Army in this dialogue ensures we remain rele-



Local businesses and governments want to upgrade Mound Road.

vant to our mission while participating in positive changes here in Warren and Macomb County,” said Alan Parks, garrison manager for the Arsenal.

Here is a list of the current executive committee members:

- AM Specialties, Inc. – Ron Klinger;
- BAE Systems, Angela Lommen;
- Casadei Steel, Inc., Bruno Casadei;
- Chardam Gear Company, Mike Brzoska;
- City of Sterling Heights;
- City of Warren;
- Conti Corporation, Warren Wintermantel;
- Defense Corridor Center for Collaboration and Synergy, Ron Lamparter;
- Fiat Chrysler, Thomas Lindquist;
- Ford Motor Company, Brad Simmons;
- General Dynamics Land Systems, Gary Whited;
- General Motors, Kenneth L. Kelzer;
- Macomb County;
- Metro Wire & Cable Corp., Nate Tallman;

- Sterling Heights Regional Chamber of Commerce & Industry, Melanie Davis;
- U.S. Army at Detroit Arsenal, Samuel Hillhouse.

Innovate Mound officially kicked off in December 2016, Rea said.

The design considerations tentatively in place for this project include complete roadway surface reconstruction, widening north of 17 Mile Road, landscaping, lighting, signs, driveway controls, additions of non-motorized facilities, 10-foot-wide safety path along the bike trail or corridor, connections to trail network and improvements to transit stops.

This corridor could also be equipped with smart-street technology to include computerized traffic signal systems, real-time traffic speed monitoring, cameras, communications to signals and more, Rea said.

This technology would be able to increase emergency management and enhance safety and mobility, he said.



# Grace Centers of Hope™

Serving those in need since 1942

Join us as we feed and give hope to those need it most this Holiday season. Please purchase your meal tickets today for \$2.05 each.

Donations to the Grace Centers of Hope Holiday Meal Ticket Campaign can be made online at [www.GraceCentersofHope.org](http://www.GraceCentersofHope.org) or by calling 1-855-Help-GCH. Meal tickets can also be purchased at each of the Grace Centers of Hope Thrift Stores.



## MCC Innovation Fund Finds Three Companies to Help

A Macomb Community College program has just planted three entrepreneurial seeds in south-east Michigan.

Three early-stage companies from Oakland, Washtenaw and Wayne counties will receive \$75,000 in funding from the Innovation Fund Macomb Community College, Powered by JPMorgan Chase & Co.

Since July 2015, the Macomb Innovation Fund has awarded \$1.475 million to 27 companies, said MCC spokeswoman Jeanne Nicol.

The Innovation Fund is a \$2.7 million effort to stimulate economic development and job growth among promising Detroit-area entrepreneurs and next-stage companies with high-growth potential, Nicol said.

Funding is provided by Macomb Community College's Strategic Fund and JPMorgan Chase, as part of the company's \$100 million commitment to Detroit's economic recovery. The unique initiative provides mentoring and capital to early-stage businesses, as well as learning opportunities for Macomb Community College's students.

"In addition to enhancing southeast Michigan's entrepreneurial ecosphere, the Macomb Innovation Fund is providing unique educational experiences to our students that extend classroom learning," said college President James Jacobs.

"More than 400 Macomb Community College students have directly interacted with the emerging economic drivers of our community, positioning them with distinctive learning experience."

Three companies will receive \$25,000 awards, which are de-

signed to support early-stage businesses taking the initial steps in market introduction.

They are:

- Alchemie Solutions (Troy/Oakland County). Alchemie Solutions has developed a mobile learning technology for higher education, combining game-based and interactive video with machine learning. Designed for college gateway courses in STEM (science, technology, engineering, math), with chemistry the first subject area of focus, the interactive app is tied to an analytic platform to help both students and their instructors create a deeper understanding of a subject's core concepts.

- iServe (Northville/ Wayne County). iServe has invented a soft-serve dessert-making system for the home. The system's concept is like that of a Keurig coffee maker, combining a soft-serve ice cream with single-serve dispensing and pod technology. The ice cream is dispensed in under 10 seconds, and the machine requires no preparation or cleanup.

- MySwimPro (Ann Arbor/Washtenaw County). MySwimPro is a fitness application for swim training. The mobile app features instructional video content, as well as personalized training and tracking through a free subscription.

The premium subscription, which involves a monthly fee, unlocks advance work content and analytics.

"Investing in entrepreneurial young people is a great way to create economic opportunity that spans beyond Main Street," said Chauncy Lennon, head of Workforce Initiatives for JPMorgan Chase.



Chrysler's WCM principles are learning by building children's toys in a controlled environment.

## Chrysler's New WCM Site Open for Business

It's finally become a reality. With the mission of cultivating, planting and growing its Indiana workforce, Fiat Chrysler on March 21 officially celebrated the opening of two new training facilities in the Hoosier state during a ceremony at the World Class Manufacturing Academy housed inside the Tipton Transmission Plant, said Fiat Chrysler spokeswoman Jodi Tinson.

Via a live feed linking the Tipton location with a second training site at the UAW-Chrysler National Training Center (NTC) in Kokomo, Tinson said the company showcased the state-of-the-art technology and unique hands-on curriculum that was developed to meet the needs of the 8,200 local powertrain employees.

The company's head of Manu-

facturing, Brian Harlow, who was joined by UAW Vice President Norwood Jewell, Indiana Secretary of Commerce Jim Schellinger and Ivy Tech President Dr. Sue Ellspermann, told the audience that investments in buildings and equipment are crucial, but nothing is more important than having an educated and well-trained workforce.

"World Class Manufacturing has fueled a true cultural change at our company, because its goal of continuous improvement depends on engaging people at every level in planning, executing and problem solving," said Harlow. "The Academy was developed in order to accelerate the pace at which we implement the World Class Manufacturing system and take it to higher levels."

World Class Manufacturing (WCM) is a methodology that focuses on eliminating waste, and improving quality and safety in a systematic and organized way. WCM engages employees to provide and apply suggestions on how to improve their jobs and their plants, promoting a sense of ownership, Tinson said. It was first implemented by Fiat in 2006 and introduced to Chrysler Group as part of the alliance between the two companies in June 2009.

Supported by a \$2.1 million investment from FCA US and the UAW, Tinson said the goal of the Tipton and Kokomo training sites is to transfer WCM "know-how" to more than 1,500 participants each year and cultivate an enriched culture of continuous improvement and learning.

The Tipton academy replicates the original Warren facility with hands-on training in a flexible, open concept environment.

As part of the grand opening festivities, guests had the opportunity to participate in several training simulations, many of

them incorporating popular children's games and toys, Tinson said. Concepts like workplace organization and problem-solving are taught using the game, Operation, and the Bike Build Line. A slot car that jumps the track mimics a piece of equipment stopping on the assembly line, teaching skills to identify and correct the issue. Trivia Basketball and FCA Jeopardy reinforce common WCM concepts and themes.

During the live feed from the NTC, guests got a tour of the renovated space, featuring a lab specifically designed for skilled trades training, Tinson said. The technical training curriculum was developed in partnership with Indiana University, Purdue University and Ivy Tech Community College. Also at the NTC site, FCA US employees and community members can take classes to earn an associate's degree through Ivy Tech, then work toward a bachelor's degree from Purdue.

"Today's high-tech manufacturing requires workers who are adaptable, can think critically and understand how to problem-solve," said Harlow. "Working together with state and local schools, we are helping to train the next generation of advanced manufacturing employees and creating a pipeline for future workers."

This is the fourth installment of the WCM Academy (WCMA) since the grand opening of its flagship operation in January 2012. Since then, the WCMA has taken its training on wheels with the WCMA Mobile Unit in 2013, bringing its core curriculum right to the plant floors for more immediate learning. A year later, the Warren academy underwent a 15,000-square-foot expansion and also established a satellite facility in Saltillo, Mexico.

## BorgWarner Launches New System

BorgWarner launched its new compact cam torque actuated (CTA) variable cam timing (VCT) technology with mid-position lock in the new Subaru 1.6- to 2.0-liter BOXER engines.

Debuting on the 2017 Impreza, BorgWarner's lightweight, compact VCT technology provides precise valve timing with less oil consumption, better fuel economy and improved engine performance, said BorgWarner spokeswoman Katya Pruett.

"To meet Subaru's specifications for this new engine, BorgWarner engineers evaluated every part of our VCT technology and extensively tested each innovation," said Joel Wiegert, president of BorgWarner Morse Systems. "By every measure, our new compact VCT technology

achieves the same rapid and precise performance in a smaller, lighter package.

"For nearly a decade, BorgWarner has been supplying Subaru with our advanced VCT technology from our plant in Japan. We are pleased to add localized manufacturing of our latest VCT products to support Subaru's assembly plant in the U.S."

BorgWarner's CTA phasers take advantage of the existing energy in the valve train to actuate faster and operate under a wider range of engine speeds and temperatures than conventional VCT systems, Wiegert said.

The patented mid-lock technology ensures failsafe return to the mid-park position for reliable engine starts in any operating condition.

## Catch Detroit Auto Scene when you're on the go.

Detroit Auto Industry News and Advertising DetroitAutoScene.com ©Springer Publishing Co., Inc. ARCHIVE

# Detroit Auto Scene®

DECEMBER 8, 2014

Information Page Since 1933 – originating as the New Center News contact News Dept

Open This Week's Edition or click on image at right >>>

News of the Automotive, Technology and Supplier Community

CLICK TO PRINTABLE PDF for examples of small ads in actual size with prices

Advertising Rates contact Ad Dept

return to TOP OF PAGE

THIS SITE IS UPDATED ON THE WEEKEND FOR MONDAY, IN TIME FOR THE CURRENT BUSINESS WEEK.

Detroit Auto Scene

Colombia Canal Motor Street's Truck of Year

Best 1000 Pound Top Truck by Engine

Every Chrysler Brand Now Sales Service

Auto Sales Year Weather - GM's Model

Mustang's November Sales Best in 4 Years

Visit DetroitAutoScene.com for this week's edition in PDF format

Our classic tabloid format fits most of today's mobile device screen resolutions. The scrollable pdf is viewable on tablet or smartphone.

## DetroitAutoScene.com





Where You  
Always  
Get...

The Best Price...  
**PERIOD!**

**FINAL DAYS** to Get These Great Deals On Our Most Popular Models!

## 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!
- Aluminum Wheels!
- Remote Keyless Entry!
- Rear Vision Camera!
- Bluetooth for Phone!
- Chevrolet Complete Care INCLUDED!

Stock# H37296

Was \$22,235 Sale Price: **\$16,999\***



24 MONTH LEASE

**\$59\***

The Best Price...  
**PERIOD!**

\$999 Down

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

## 2017 MALIBU "LT"



20 Available at Similar Savings!

- 1.5L Turbo DOHC Engine!
- 6 Speed Transmission!
- 8" Color Touch Screen MyLink Radio!
- Bluetooth for Phone!
- Rear Vision Camera!
- OnStar w/4G LTE w/built-in Wi-Fi Hotspot!
- 17" Alloy Wheels!
- Remote Entry and Start!
- Chevrolet Complete Care INCLUDED!

Stock# Q7401

Was \$26,895 Sale Price: **\$19,499\***

24 MONTH LEASE



**\$59\***

The Best Price...  
**PERIOD!**

\$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# H36736

Was \$26,405 Sale Price: **\$18,599\***

24 MONTH LEASE



**\$69\***

The Best Price...  
**PERIOD!**

\$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!
- Power Driver's Seat!
- Bluetooth for Phone!
- OnStar with 4G LTE w/built-in Wi-Fi Hotspot!
- Chevrolet Complete Care INCLUDED!

Stock# H35722

Was \$32,745 Sale Price: **\$22,785\***

24 MONTH LEASE



**\$99\***

The Best Price...  
**PERIOD!**

\$999 Down

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

## 2017 SILVERADO "LT" 4X4 DOUBLE CAB



- ECOTEC3 4.3L 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# H34428

Was \$41,060 Sale Price: **\$31,517\***

36 MONTH LEASE



**\$207\***

The Best Price...  
**PERIOD!**

\$999 Down

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

**We NEED your Trade... Get \$1000 OVER Kelley Blue Book... GUARANTEED!\***



The Best Price...  
**PERIOD!**



### SHOWROOM HOURS:

Monday	8:00 AM - 9:00 PM
Tuesday	8:00 AM - 6:00 PM
Wednesday	8:00 AM - 6:00 PM
Thursday	8:00 AM - 9:00 PM
Friday	8:00 AM - 6:00 PM

**(586) 791-1010**

35500 S. Gratiot Avenue... North of 15 Mile / Clinton Township / **FIND NEW ROADS**

\*Pictures may not represent actual sale vehicle. All applicable incentives including bonus cash, bonus tags, competitive lease, lease conquest and/or lease loyalty offers have been deducted from Sale Prices/Payments and are subject to change by the manufacturer without notice and are plus title, tax, plate and CVR fees and were valid at time of printing. GM Employee discount is required except where noted. Leases are 10,000 miles per year. Disposition fee may be required at lease turn in. Malibu is previous dealer courtesy vehicles with under 2350 miles. \$1000 over KBB guarantee is on 2004 thru 2014 model year vehicles, less reasonable reconditioning. No branded titles. Certain restrictions apply, see dealer for complete details on all incentives/offers. Sale ends 3/31/2017 @ 6:00PM.







# ED RINKE

100  
YEARS  
IN BUSINESS



 WE ARE PROFESSIONAL GRADE **2016 GMC DEALER OF THE YEAR • 2016 GMC DEALER OF THE YEAR • 2016 GMC DEALER OF THE YEAR**

**2017 GMC SIERRA 4WD DOUBLE CAB SLE**  
PURCHASE FOR  
**\$36,629\***  
STOCK #G571079



COURTESY VEHICLE  
LEASE FOR  
**\$199\*** PER MONTH | **24** MONTHS | **\$999** DOWN

**2017 GMC ACADIA SLE-1**  
PURCHASE FOR  
**\$27,729\***  
STOCK #TVBF00



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

**2016 GMC SIERRA 1500 4WD DBL CAB SLE**  
STOCK #G564230



LAST ONE  
PURCHASE FOR **\$35,939\***

**2017 GMC YUKON SLE 4WD**  
PURCHASE FOR  
**\$45,995\***  
STOCK #G572346




LEASE FOR  
**\$359\*** PER MONTH | **36** MONTHS | **\$999** DOWN

**2017 GMC TERRAIN SLE-1**  
PURCHASE FOR  
**\$22,379\***  
STOCK #TPGFN6



LEASE FOR  
**\$59\*** PER MONTH | **24** MONTHS | **\$499** DOWN

 **BUICK** **2016 BUICK DEALER OF THE YEAR • 2016 BUICK DEALER OF THE YEAR • 2016 BUICK DEALER OF THE YEAR**

**2017 BUICK ENCORE**  
PREFERRED  
PURCHASE FOR  
**\$20,995\***  
STOCK #B571899



LEASE FOR  
**\$65\*** PER MONTH | **24** MONTHS | **\$499** DOWN

**2017 BUICK VERANO**  
SPORT TOURING  
PURCHASE FOR  
**\$21,995\***  
STOCK #B470037



LEASE FOR  
**\$99\*** PER MONTH | **36** MONTHS | **\$999** DOWN

**2017 BUICK LACROSSE**  
PREFERRED FWD  
PURCHASE FOR  
**\$29,390\***  
STOCK #B470762



LEASE FOR  
**\$219\*** PER MONTH | **24** MONTHS | **\$999** DOWN

**2017 BUICK ENCLAVE**  
CONVENIENCE GROUP  
PURCHASE FOR  
**\$30,995\***  
STOCK #B573050



LEASE FOR  
**\$99\*** PER MONTH | **24** MONTHS | **\$999** DOWN

**2017 BUICK REGAL**  
SPORT TOURING  
PURCHASE FOR  
**\$25,439\***  
STOCK #TFPG5M



LEASE FOR  
**\$129\*** PER MONTH | **24** MONTHS | **\$999** DOWN

**SHOWROOM HOURS:**  
**MON. & THURS. 8:30AM-9PM**  
**TUES., WED. & FRI. 8:30AM-6PM**  
VISIT OUR WEBSITE: [edrinke.com](http://edrinke.com)

We'll give you a \$3,500 minimum for your 2003 or newer trade in. See us for your GM Employee purchases.

## 1-866-452-1300

26125 VAN DYKE AT 10 1/2 MILE ROAD

Now looking for experienced salespeople to join our team!

  
Paul Makowski  
[pmakowski@edrinke.com](mailto:pmakowski@edrinke.com)

  
Dennis Thacker  
[dthacker@edrinke.com](mailto:dthacker@edrinke.com)

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, Regal, Acadia, Encore, Terrain and Sierra SLE are 24 months leases. Envision, Yukon, Lacrosse, Cascada, Verano, and Sierra Denali are 36 month leases. All Vehicles shown are \$999 down except for the terrain which is \$0 down and the Encore which is \$499 down. Disposition Fee may be required at vehicle turn in. Must have lease loyalty and/or closing competitive lease depending on vehicle model. 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. All leases are priced significantly below supplier pricing which makes them also below GMS pricing with approved credit through GM financial. Purchase pricing is gm employee discount plus title, taxes and fees. 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: 3/31/2017.



# ED RINKE

  
CHEVROLET

100  
YEARS  
IN BUSINESS

**2016 CHEVROLET DEALER OF THE YEAR • 2016 CHEVROLET DEALER OF THE YEAR**

## WE'LL GIVE YOU A \$3,500 MINIMUM FOR YOUR 2003 OR NEWER TRADE IN

**2017 CHEVY SILVERADO**  
1500 Z71 4WD LT DBL  
LEASE FOR  
**\$126\*** PER MONTH OR **\$33,959\***  
**24** MONTHS **\$999** DOWN-COURTESY CAR STOCK #570991



**2017 CHEVY VOLT LT**  
LEASE FOR  
**\$269\*** PER MONTH OR **\$31,899\***  
**36** MONTHS **\$999** DOWN STOCK #470895



**2017 CHEVY CRUZE LT**  
LEASE FOR  
**\$49\*** PER MONTH OR **\$16,169\***  
**24** MONTHS **\$0** DOWN STOCK #470239



**2017 CHEVY EQUINOX LT**  
LEASE FOR  
**\$59\*** PER MONTH OR **\$20,229\***  
**24** MONTHS **\$0** DOWN STOCK #573490



**2017 CHEVY MALIBU LT**  
LEASE FOR  
**\$58\*** PER MONTH OR **\$19,995\***  
**24** MONTHS **\$999** DOWN STOCK #TNSBMF



**2017 CHEVY CAMARO 1LT**  
LEASE FOR  
**\$259\*** PER MONTH OR **\$24,279\***  
**39** MONTHS **\$999** DOWN STOCK #470207



**2017 CHEVY TRAX LS**  
LEASE FOR  
**\$63\*** PER MONTH OR **\$16,499\***  
**24** MONTHS **\$0** DOWN STOCK #572578



**2017 CHEVY TRAVERSE**  
LS  
LEASE FOR  
**\$89\*** PER MONTH OR **\$21,869\***  
**24** MONTHS **\$0** DOWN STOCK #573560



## — NO APPOINTMENTS NECESSARY FOR OIL CHANGES —

## ED RINKE



Certified Service

**GM SERVICE CENTER**  
MICHIGAN'S LARGEST • SERVICE DEPT. • PARTS • BODY SHOP  
**866-452-1547**  
26125 Van Dyke @ 10 1/2 Mile • Center Line, MI 48015  
SERVICE HOURS: Monday & Thursday 6:30am-9:00pm; Tuesday, Wednesday & Friday 6:30am-6:00pm • Shuttle at 6:30am - Pick-up Both Ways • All Day starting at 6:30am.

### Quick Oil Change

## EXPRESS LANE

### LUBE OIL FILTER

# \$23.95

Up to 5 qts.

Fluid Level, Brake & Alignment Check Included.



Certified Service

We use Genuine GM Oil & Filter  
No additional or hidden charges. Out the door pricing.  
**Open Mondays & Thursdays until 8:30pm**  
Excludes synthetic, Diesel & Med. Duty Trucks.  
Most GM cars & trucks. One coupon per customer.  
Must present coupon with order. Plus tax. Expires 3-31-17.

## BODY SHOP

586-754-7000 ext 1231  
INSURANCE  
WRECK AMENDED  
TRANSPORTATION  
AVAILABLE  
During Scheduled Repairs  
**FREE OIL CHANGE With Each Major Repair**  
**WE REPAIR ALL MAKE & MODELS**  
Certified Service



  
VISIT OUR WEBSITE:  
[edrinke.com](http://edrinke.com)

See us for your GM Employee purchases. Now looking for experienced salespeople to join our team!

## 1-877-451-7707

26125 VAN DYKE AT 10 1/2 MILE ROAD

  
Nicole Dodge  
[nhuminski@edrinke.com](mailto:nhuminski@edrinke.com)

  
Jim Pfeiffe  
[jpfleife@edrinke.com](mailto:jpfleife@edrinke.com)

 NO DOC FEES  
Find Us on FACEBOOK

**SHOWROOM HOURS: MON. & THURS. 8:30AM-9PM / TUES., WED. & FRI. 8:30AM-6PM / FIND NEW ROADS™**





All applicable rebates including lease loyalty, Chevrolet lease loyalty or lease conquest offers have been deducted from sale price/payment. Silverado, Malibu, Cruze, Trax, Equinox and Traverse are 24 months leases. Volt is a 36 month lease. Camaro is a 39 month lease. Pricing is subject to select model vehicles, while supplies last. Pictures may not represent actual vehicle. Silverado is a courtesy vehicle, while quantities last. Prices subject to change per GM incentives. Prices and payments are inclusive of active GM Employee Discount (unless otherwise stated). Pricing is subject to select model vehicles while supplies last. All leases are 10k miles per year w/ approved S Tier credit w/ \$999 due at signing unless otherwise stated. Cruze, Equinox, Trax and Traverse are with \$0 down. Prices & payments are plus tax, title, and plate fees with acquisition fee up front. All leases are priced significantly below supplier pricing which makes them also below GMS pricing with approved credit through GM financial. Purchase pricing is gm employee discount plus title, taxes and fees must have closing competitive lease or lease loyalty depending on model. Must have closing competitive lease or lease loyalty depending on model. Disposition Fee may be required at vehicle turn in. Refundable security deposit required on certain vehicles -to be determined by lender. \*\*\$3500 trade-in is valid on 2003 or newer vehicles with under 115k miles in drivable condition, no branded titles, less reconditioning determined by appraiser. Certain restrictions may apply, see dealer for complete details. \*\* Expiration Date - 3/31/17.